

Peace Project Water Use Plan

Fish Index

Implementation Year 5

Reference: GMSMON #2

Peace River Fish Index Project – 2012 Studies

Study Period: August 23, 2012– September 21, 2012

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PEACE RIVER FISH INDEX PROJECT - 2012 STUDIES -

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EXECUTIVE SUMMARY

In 2001, BC Hydro initiated the Large River Fish Community Indexing Program to help define the effects of dam and reservoir operations on fish populations in flow regulated watersheds and to ensure operations are both environmentally and economically sustainable. The goal of the annual program was to establish cost-effective monitoring protocols to provide reliable indices of fish population characteristics. In 2008, the Large River Fish Community Indexing Program for the Peace River subsequently referred to as the Peace River Fish Index Project (GMSMON-2), was implemented under the Peace Water Use Plan (WUP). The 2012 monitoring program represents year 5 of the 10 year GMSMON-2 monitoring program. The goal of the Fish Index Project shifted from evaluating monitoring protocols to monitoring target fish populations to assist in the evaluation of the effectiveness of Peace River management plans and associated physical works projects implemented under the WUP.

The 2012 Peace River Fish Index Project study area encompassed a 92 km portion of the Peace River from just downstream of the Peace Canyon Dam to downstream of the Moberly River confluence. Repeated sampling (six sessions) in three sections (1, 3, and 5) occurred from 23 August to 21 September, 2012 using a boat electrofisher in nearshore habitats. Field sampling conditions (i.e., discharge, water clarity, and water temperature) were generally similar to conditions during previous studies. All were within the range recorded since 2001 and did not adversely affect sampling effectiveness.

General fish community characteristics in 2012 were similar to results of previous investigations. In total, 14,005 fish representing 15 species were recorded. Mountain Whitefish was numerically dominant. The other two target species, Arctic Grayling and Bull Trout, were not abundant.

Arctic Grayling

Arctic Grayling numbers were very low in 2012. Arctic Grayling have become scarce in all sections. Biological data do not show a large shift in population structure that could explain reduced abundance, but there were some indicators of reduced health and very low indices of recruitment. The decline in Arctic Grayling abundance may reflect natural variation in Arctic Grayling recruitment from Peace River tributaries, a change in Peace River conditions, or a combination of these and other unknown factors. A likely explanation is reduced recruitment from the Moberly River resulting from habitat degradation caused by recent large flow events.

Bull Trout

Length and age distributions of Bull Trout were similar among sections in 2012. Fish from Age 2 to 6 dominated all samples – young fish were absent (\leq Age 1) and fish older than Age 7 (adults) were not well represented. Bull Trout population structure and health was similar among sections in 2012 and were generally stable across years. Fish grew quickly and exhibited good health. During all sample years, age distributions were dominated by subadults, while adult fish were poorly represented. The absence of adult fish from the index sections was likely caused by use of tributaries for spawning during the study period. As such, the results do not reflect the entire age structure of the Peace River Bull Trout population.

Bull Trout catch rates have been consistently below < 2.0 fish/km in all sections during all sample years and there have been no large spatial differences in abundance. Age 3 Bull Trout were recruited into each section during all years of the study, but the recruitment index has generally been < 1.0 fish/km.

Mountain Whitefish

Changes to Mountain Whitefish population structure and population health were recorded in 2012. Prior to 2011, there were consistent spatial differences in length and age distributions. In 2011 and again in 2012, fish in all sections exhibited truncated age and length distributions caused by the preponderance of Age 3 to Age 6 fish. Younger and older fish were much less numerous. In 2012, some biological parameters indicated a decline in population health. Mountain Whitefish length-at-age and body condition-at-age were below the long term mean for most ages in all three sections.

In 2012, Mountain Whitefish catch rates declined from the record high catch rates recorded in 2011. In Section 1, Mountain Whitefish catch rates decreased 7.9% in Section 1, 25.5% in Section 3, and 29.5% in Section 5. Annual recruitment of Age 1 Mountain Whitefish declined in 2012. Recruitment indices were the lowest or approached the lowest values recorded in each section since the start of the index program.

Population Estimates

Overall, the program was highly successful (in terms of the number of marks applied and recaptured) for Mountain Whitefish, but less so for Arctic Grayling and Bull Trout. No Arctic Grayling were recaptured in Sections 1 and 3. Because of sparse recoveries in Section 5, the estimate was unreliable. Construction of minimum population probability curve inferred a 0.95 probability that the population size was at least 64 in Section 5. Bull Trout population estimates were 574 fish (CV = 44.6%) in Section 3 and 316 fish (CV = 89.5%) in Section 5. Estimates were generally consistent with values recorded by previous studies.

Bayes sequential model estimates for Mountain Whitefish were 16,056 (CV = 4.9%) in Section 1, 8,922 (CV = 3.8%) in Section 3, and 7,045 (CV = 5.9%) in Section 5. The estimates for 2012 were lower than high values recorded in 2011, but were consistent with the historical estimates deemed to be valid.

Catchability

The estimated catchability coefficients were consistent across sections in 2012, but were anomalously high compared to other years. Because the 2012 estimates were deemed valid, we believe that the biological characteristics of sampled Mountain Whitefish were likely unique for 2012. The reduced prevalence of larger-sized fish and/or reduced fish health may have caused higher catchability.

Recommendations

The initial goal of the program was to establish fish monitoring protocols that can be used reliably to provide an index of target fish populations. The findings of the 2012 Peace River Fish Index Project indicated that monitoring protocols are suitable to meet this goal, particularly for Mountain Whitefish.

Based on the findings of the 2012 Peace River Fish Index Project we recommend the following:

1. Repeat the standard program to extend the time series data. Sample Sections 1, 3, and 5 to extend sampling history. The continuous record of consistent and rigorous sampling is a valuable baseline for the target populations. Adding years to the data set will increase its value.
2. Maintain the current study design and sampling protocols.
3. Address the issue of under estimation of Mountain Whitefish age derived from scales by development of a “correction factor” using incremental growth data for known aged marked fish that are recaptured. This approach allows use of historical index data, but may require an additional 2 to 3 years of growth data before it can be implemented.
4. Add reproductive condition as metric used to monitor Mountain Whitefish population health.

The ultimate purpose of the Fish Index Project is to assist in the evaluation of the effectiveness of Peace River management plans, designed to improve fish habitat and productivity, by monitoring target fish populations. The following are recommendations to adjust the current Fish Index Project in order to assist in the evaluation of the effectiveness of Peace River Side Channel Plan.

1. Continue the standard program in Sections 1, 3, and 5 and maintain the current study design and sampling protocols. The adult cohort of Peace River fish populations, which is targeted by the Fish Index Project, is sufficiently mobile to allow monitoring of side channel restoration effects without requiring spatial adjustment to the current sections.
2. Should the results of PCR Side Channel Fisheries Monitoring Program (GMSMON-7) show that fish populations benefiting from physical works are not being measured by the Peace River Fish Index Project (GMSMON-2) then the current target species list should be reconsidered.

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Bill Gazey of W.J. Gazey Research was responsible for the population estimate component of the study and co-authored the report.

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1.0 INTRODUCTION

1.1 BACKGROUND

In 2001, BC Hydro initiated the Large River Fish Community Indexing Program to help define the effects of dam and reservoir operations on fish populations in flow regulated watersheds and to ensure operations are both environmentally and economically sustainable. The program occurred annually from 2001 to 2007. During that period the goal of the program was to establish cost-effective monitoring protocols to provide reliable indices of fish population characteristics.

In 2008, the Large River Fish Community Indexing Program for the Peace River, subsequently referred to as the Peace River Fish Index Project (GMSMON-2), was implemented under the Peace Water Use Plan (WUP). The WUP Committee expressed concern about the status of fish habitat and fish productivity in the Peace River system. To address this concern, management plans are being implemented that include the Peace River (PCR) Side Channel Plan, the PCR Ramping Plan, and the PCR Flood Pulse Plan. Further information on the WUP and the management plans is available at the BC Hydro website http://www.bchydro.com/planning_regulatory/water_use_planning/northern_interior.html#Peace_River. The results of the Fish Index Project will assist in the evaluation of the effectiveness of Peace River management plans, designed to improve fish habitat and productivity, by monitoring target fish populations.

Mainstream Aquatics Ltd. (Mainstream) and its study team completed the Peace River fish index projects from 2001 to 2011. Mainstream was contracted by BC Hydro to complete the 2012 program. The 2012 study represents year 5 of the 10 year GMSMON-2 monitoring program. Similar to previous investigations the study team consisted of two primary members. Mainstream Aquatics Ltd. was the overall managing consultant and was responsible for the field program, the biological characteristics component, and relative abundance component of the study. W.J. Gazey Research was responsible for the population estimate component and related topics.

1.2 OBJECTIVES

The 2012 program objectives were as follows:

1. To extend time series data on the abundance, distribution, and biological characteristics of nearshore target fish populations in the Peace River in standard sections and control sections using a standardized boat electrofishing sampling program.
2. To build upon previous investigations to further refine the sampling strategy, sampling methodology and analytical procedures required to establish a long term monitoring program for fish populations in the Peace River.
3. To update the existing electronic storage and retrieval system for fish population and habitat monitoring data for the Peace River.
4. To identify gaps in data and our understanding of fish populations, procedures for sampling them, and to provide recommendations for future monitoring and fisheries investigations.
5. Present the information in a technical report.

1.3 TARGET SPECIES

As with previous studies, three target species were investigated in 2012:

- Mountain Whitefish (*Prosopium williamsoni*)
- Arctic Grayling (*Thymallus arcticus*)
- Bull Trout (*Salvelinus confluentus*)

1.4 STUDY AREA

The study area was similar to previous programs (Figure 1.1). The study area included a 90 km portion of the Peace River from just downstream of the PCN Dam (Km 145) to downstream of the Moberly River confluence (Km 53). Sampling occurred in three previously sampled standard sections: Section 1, Section 3, and Section 5 (Table 1.1; Appendix A).

Table 1.1 Standard sections of the 2012 Peace River Fish Index Project.

Area	Section	Location ^a	Section Length (km)	Sampled Length (m) ^b	Percent of Section Sampled ^c
Hudson's Hope	1	Km 137.0 to 145.2	8.2	12,574	56.5
Downstream of Halfway River	3	Km 89.8 to 99.2	9.4	19,948	67.1
Downstream of Moberly River	5	Km 53.4 to 64.8	11.4	14,183	51.8

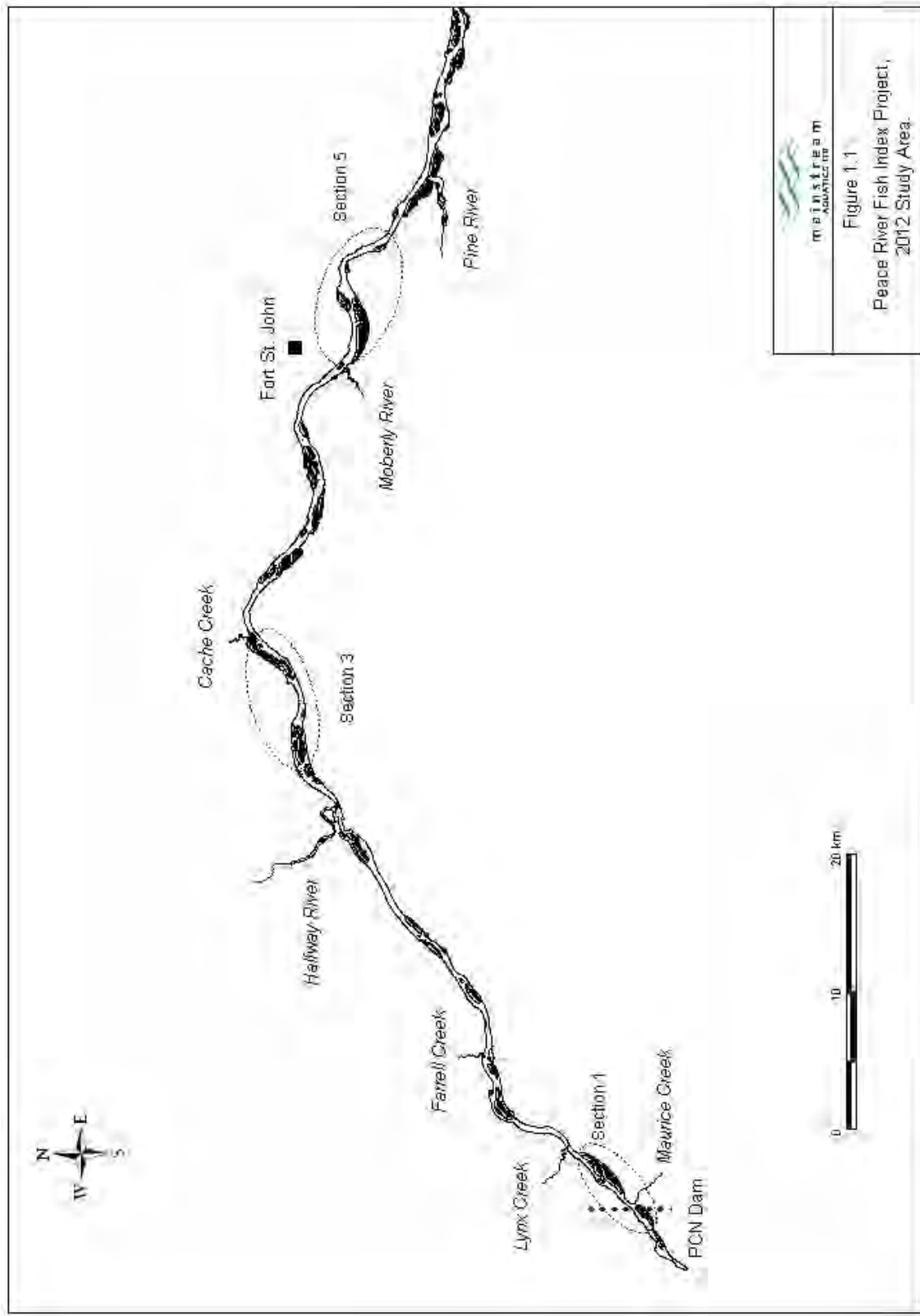
^a Based on distance upstream from the British Columbia/Alberta boundary (Km 0).

^b Length of nearshore habitat sampled in each section.

^c Percent of total nearshore habitat sampled in each section.

1.5 SAMPLE PERIOD

Sampling occurred during a 32 day window between 23 August and 21 September 2012.



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2.0 METHODS

2.1 FIELD PROGRAM

2.1.1 Approach

The field program collected data to quantify fish numbers (relative abundance and population estimates) and biological characteristics of target fish populations in the Peace River. A fundamental requirement of the field program was to generate reliable population estimates for each of the target fish species. The field program was designed to address this requirement.

Sites

As for previous fish index studies, sites selected in 2002 based on habitat characteristics, accessibility, and presence of target fish species were sampled in 2012. The nearshore areas (i.e., river margins, generally 0.5 – 2.0 m depth) of fifteen discrete sites were sampled in each of standard Sections 1, 3, and 5 using a boat electrofisher (Table 2.1; Appendix Table A2). Standard sites ranged in length from 445 m to 1,840 m.

Table 2.1 Number and length of sites sampled in standard sections, 2012 Peace River Fish Index Project.

Section	Number of Sites	Length (m)		
		Average	Minimum	Maximum
1	15 ^a	838	445	1,092
3	15 ^b	1,330	855	1,840
5	15 ^b	946	582	1,171

^a Includes 9 SFC sites and 6 SFN sites; see Table 2.2 for definitions.

^b Includes 8 SFC sites and 7 SFN sites; see Table 2.2 for definitions.

Each standard site represented one of two distinct habitat categories (Table 2.2): nearshore habitat with physical cover (SFC) or nearshore habitat without physical cover (SFN). These habitat categories were selected for sampling during initial studies because they represented the two dominant habitat categories in the study area and could be effectively sampled using boat electrofisher (P&E and Gazey 2003). The SFC and SFN habitat categories were defined based on three physical characteristics: bank slope/depth, water velocity, and the presence of physical instream cover. The number and type of sites in standard sections were distributed as follows:

- Section 1 - 9 SFC sites and 6 SFN sites
- Section 3 - 8 SFC sites and 7 SFN sites
- Section 5 - 8 SFC sites and 7 SFN sites

In 2012, Site 106 (SFN habitat) was no longer available for sampling; therefore, it was replaced with Site 119 (SFC habitat). The new site was selected based on its close proximity to Site 106.

Table 2.2 Site habitat categories and characteristics, 2011 Peace River Fish Index Project.

Habitat Category	Bank Habitat ^a	Instream Habitat	Water Velocity ^b	Bank Configuration ^b	Physical Cover	Dominant Substrate
SFN	A3	Run	Moderate to High	Gradual Slope/ Shallow Water	Absent	Rock
SFC	A1/A2	Run	Moderate to High	Gradual Slope/ Shallow Water	Present	Rock

^a Habitat types defined in RL&L (2001).

^b Based on subjective measure by experienced habitat biologist.

Effort

All activities occurred during daylight hours to ensure crew safety and to maximize the number of sites sampled and the number of fish processed. All sites in each section were sampled six times. The first four sessions were used to collect biological data from all fish species encountered and to mark and recapture target fish species. Sessions 5 and 6 focused on obtaining recapture data for the three target species, therefore, Mountain Whitefish were not marked or processed for biological data to maximize time spent sampling. In general, two days were required to sample each section during each of the first four sessions. During the last two sessions, each section was sampled completely in one day. In general there was a four-day rest period between sample events during Sessions 1 to 4 and a two-day rest period between Sessions 5 and 6. The distribution of sampling effort is summarized in Table 2.3. Unless otherwise indicated, 'effort' refers to time spent electrofishing throughout the report.

Table 2.3 Distribution of sampling effort (hours of electrofishing) in standard sections, 2012 Peace River Fish Index Project.

Section	Session and Effort (h)						Total
	1	2	3	4	5	6	
1	1.7	1.7	1.9	1.8	1.7	1.9	10.8
3	2.8	2.9	3.0	3.0	2.7	2.9	17.2
5	1.9	2.1	2.1	2.0	2.0	1.9	12.0
Total	6.4	6.7	7.0	6.8	6.4	6.7	40.0

2.1.2 Fish Capture Methods

A boat electrofisher was used to capture fish in nearshore habitats along the channel margin. Larger-sized fish were targeted (> 150 mm fork length) in water depths ranging from 0.5 to 2.0 m. Sampling was restricted to areas \leq 2.0 m deep because boat electrofishing effectiveness on the Peace River is severely reduced beyond this depth.

A 5 m boat electrofisher propelled by a 175 Hp sport-jet inboard motor was used to sample fish. The craft was equipped with a fixed-boom anode system and Smith-Root Type VIA electrofisher system. Electrofisher settings were generally maintained at an amperage output of 3.0 to 4.5 A, pulsed DC current, and a frequency of 60 Hz. These settings were sufficient to immobilize all three target species and minimize injury rates of susceptible species such as Mountain Whitefish. The electrofisher settings were similar to those employed during previous studies.

The sampling procedure involved drifting downstream at motor idle along the channel margin, while outputting a continuous current of electricity. In general, boat position was maintained at a water depth of 1.25 m to 1.50 m by monitoring the depth with a sounder. The only instance when this sampling protocol changed occurred when backwater areas greater than two boat lengths were encountered. In these situations, the boat was turned into the backwater at its downstream end and the channel margin in the backwater area was sampled in an upstream direction.

Two netters positioned on a platform at the bow of the boat captured immobilized fish while the boat operator maintained the position of the craft along the channel margin. To provide a representative sample of the fish community netters were instructed not to bias their catch towards a particular species or fish size. Netters were equipped with nets having a diameter of 45 cm, a depth of 40 cm, and a mesh size of 5 cm. To facilitate capture of smaller fish, the bottom surface (40 cm²) of each net had a mesh size of 1.5 cm. This mesh size allowed capture of fish to a minimum size of approximately 150 mm.

Netters were instructed to retrieve a random sample of immobilized fish of any species and size (> 150 mm) that were accessible from their netting position on the platform. To minimize the potential for electrofisher induced injury, no more than one fish was netted at a time and immobilized fish were removed from the water as quickly as possible and immediately placed into an onboard holding livewell.

The only exception to the above sampling protocol occurred when a rare species or life stage was encountered. In this situation, the boat was turned towards the fish and netters made every effort to capture the individual. This protocol was used to increase the probability that a rare species or life stage

encountered in the field was recorded in the catch data. This protocol may cause an over estimate of the catch of a rare species or life stage, but the bias is constant because this sampling protocol is used consistently.

Upon completion of an electrofishing section, captured fish were enumerated, processed, and released. To avoid recapture of previously collected fish, processed fish were released near the middle of the sample site.

2.1.3 Observed Fish

A standardized approach to enumerate observed fish was used during the standard sampling program. Each netter was instructed to count un-netted fish ≥ 250 mm total length that were present in a defined observation zone at the bow of the boat electrofisher. Observations were restricted to four species: Arctic Grayling, Bull Trout, Mountain Whitefish, and Rainbow Trout. At the end of a sample site, each netter recorded the number of observed fish on a data record sheet. To minimize observer bias, netters were not coached and they were instructed not to compare results.

2.1.4 Processing Fish

All captured fish were held in a 230 L holding tank equipped with a water circulating system, which provided a water exchange rate of 19 L/min. During Sessions 1 through 4, data recorded for each fish included species, fork length (to the nearest 1 mm), weight (to the nearest 2 g), and presence of a tag, tag scar, or fin clip. An appropriate nonlethal ageing structure (Mackay *et al.* 1990) was collected from all unmarked individuals of the three target species. The first two rays of the right pectoral fin were collected from Bull Trout, while several scales situated immediately below the back third of the dorsal fin and above the lateral line were collected from Arctic Grayling and Mountain Whitefish. Sagittal otoliths were collected opportunistically from Mountain Whitefish that did not recover during sampling. Ageing structures were placed in labeled envelopes and air-dried before storage. All field data were entered electronically using a TDS Ranger handheld computer into a Microsoft® Excel spreadsheet. Quality assurance procedures included continuous monitoring of crew processing by other crew members, checks of fish measurements, and use of standardized data entry forms.

As part of the population estimate component of the study in the standard sections, individuals of target fish species ≥ 250 mm fork length in good condition were marked using Passive Integrated Transponder tags, or “PIT tags”. Tags were of the ISO type (134.2 kHz full-duplex), which have a 15 digit numeric code. Tags, tag applicators, and tag readers were supplied by AVID Canada. After tag insertion, a Power

Tracker VIII tag reader was used to record the numeric code. PIT tags used in 2005 were of the FECAVA type (125 kHz full duplex), which have a 10 digit alpha-numeric code. The Power Tracker VIII could read both PIT tag types. Prior to 2005, fish were marked with a uniquely numbered T-bar Floy tag (FD-94).

This fish processing procedure was modified during recapture Sessions 5 and 6 to shorten processing time. All captured fish were examined for the presence of a tag. For all marked Mountain Whitefish, tag numbers were recorded and fish were measured for fork length prior to release. Mountain Whitefish without tags were assigned a length category, enumerated, and released. Length categories were ≥ 250 mm fork length (taggable) and < 250 mm fork length (not taggable). All Arctic Grayling and Bull Trout were processed, tagged, and released.

2.1.5 Measured Parameters

In addition to fish capture and biological characteristics, other parameters measured during the standard program included the following:

- Date and time
- Effort (seconds/meters)
- Sample method settings
- Surface water conductivity (microsiemens) was measured using Hanna HI98311 EC/TDS meter ($\pm 2\%$ full scale).
- Surface water temperature was measured using Hanna HI98311 EC/TDS meter ($\pm 0.1^\circ\text{C}$)
- Water clarity (cm); using a secchi plate mounted on a pole (plate was 2.5 cm wide x 21 cm long partitioned into three equal sections of black, white, and black)
- Relative observer skill (high [1]; moderate [2]; low [3]; nil [4]).

The information was either processed and analyzed, or stored for future reference (Appendix B).

2.2 OFFICE PROGRAM

2.2.1 Age Data

Ages were obtained from all Arctic Grayling and Bull Trout collected during the program (unmarked and previously marked fish captured for the first time in 2012). For previously marked Bull Trout the absence of an ageing structure (pectoral fin ray) required use of age data obtained during previous studies.

The large number of Mountain Whitefish scales required use of a random subsample of ageing structures. A random number generator was used to select ageing structures from approximately 8% of nonfloy-tagged Mountain Whitefish captured for the first time in 2012 (previously PIT-tagged and

unmarked fish) in each section using the random number generator function in SPSS© software. Floy-tagged fish were not included due to strong, negative tag effects on growth (Mainstream and Gazey 2007). PIT-tagged fish were included due to the high percentage of marked fish present in the sample and the absence of a measurable tag effect (Mainstream and Gazey 2007).

Scale and fin ray structure preparation and ageing procedures followed those described in Mackay *et al.* (1990). Scales were immersed in water and cleaned if dirty, and then placed on a microscope slide for viewing using a dissecting microscope. Mounting procedures for Bull Trout fin rays followed Koch and Quist (2007). Fin rays were fixed in epoxy, sectioned with a jeweler's saw, and mounted on a slide for viewing under a dissecting microscope.

Three experienced individuals independently aged each structure for Mountain Whitefish, Arctic Grayling, and Bull Trout.

2.2.2 Standard Analytical Approach

Parameters used as monitoring tools included biological characteristics, catch rate (relative abundance), and population estimates. Methods are described below. Unless otherwise stated, statistical analyses followed procedures described in Sokal and Rohlf (1995).

General statistical protocols were as follows:

1. Statistical significance was accepted at $P \leq 0.05$.
2. Univariate statistical analyses were restricted to samples $n \geq 5$.
3. Data were transformed where appropriate to meet assumptions for parametric statistical analyses.
4. Nonparametric tests were used where assumptions for parametric statistical analyses could not be resolved.

2.2.3 Biological Characteristics

Biological characteristics examined included length and age distribution, body condition-at-age, length-at-age, growth rate, and mortality. When possible, data from individual sections were analyzed and presented separately due to spatial differences in biological characteristics (P&E and Gazey 2003; Mainstream and Gazey 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011). The only exception was analyses of Bull Trout data. For this species all sections were combined for annual comparisons. This approach was adopted because fish of this target species population are migratory and use the entire study area (Burrows *et al.* 2000) and the combined data reduced the issue of small sample size. All age-related analyses were restricted to age data from Mountain Whitefish and Arctic Grayling that were not

Floy-tagged during previous studies. These fish were excluded from all analyses due to the potential for negative tag effects (Mainstream and Gazey 2009).

Body Condition

Fulton's Condition Index (K), which is an index of the relationship between weight and length of fish, was used as a measure of fish health. To minimize potential problems associated with correlations between fish length and body condition (Cone 1989), samples were stratified by age for comparisons. Fulton's Condition Index formula was as follows:

$$\text{Condition } (K) = (Wt/L^3) \times 100,000$$

Where Wt represents weight (g) and L represents fork length (mm).

Length-at-Age and Growth Rate

Length-at-age relationships were described using the average length of each age-class with the von Bertalanffy growth equation (Busacker *et al.* 1990) as follows:

$$L_t = L_\infty \left[1 - e^{-K(t-t_0)} \right]$$

Where t represents the age of the fish in years from the starting time t_0 , maximum length equals L_∞ , K represents the growth coefficient, and e is the base of the natural logarithm. Growth curves were generated using Sigmaplot® 8.0.

Convergence was not possible using the von Bertalanffy growth equation for some samples. For these cases, a best-fit regression model was applied. A linear regression best described the age-length relationship of these samples as follows:

$$Y = a + bX$$

Where Y = fork length (mm), a = fork length intercept, b = slope, and X = age (years).

Mean length-at-age, growth rate, and the anabolic constant estimate were test variables used for comparisons of growth. The anabolic constant estimate is the product of the von Bertalanffy growth parameter (K) and the asymptotic length parameter L_∞ (Gallucci and Quinn 1979). Standard error of the anabolic constant estimate (ω) was calculated as follows:

$$SE\omega = \sqrt{(a^2 + c^2) \times (b^2 + d^2) + (2 \times e \times a \times b \times c \times d)}$$

Where SE_{ω} is the standard error of the anabolic constant, a is K , b is the standard error of K , c is L_{∞} , d is the standard error of L_{∞} , and e is the correlation coefficient between K and L_{∞} .

Annual comparisons of length-at-age were undertaken by examining the difference (mm), or change, between the mean length-at-age in the current year and the overall mean length-at-age. This approach was used to accommodate large differences in fish length between age classes. The overall mean length-at-age represented the mean length-at-age of the total sample for that species and age group collected in the standard section. For Bull Trout the estimate was generated using combined data from all sections. Confidence intervals around the difference estimate were generated following procedures described in Sokal and Rohlf (1995).

Mortality

A “catch curve” of annual mortality of sample populations was developed following Ricker (1975). To reduce the effects of random variations in recruitment, data for individual years were combined for all target species. To address small sample size, data for individual years and sections were combined for Bull Trout. The catch curve mortality approach requires the assumption that the population is in a state of equilibrium (Ricker 1975). This assumption was not tested; therefore, the catch curve results represent “crude” estimates of mortality.

An estimate of instantaneous total mortality (Z) was first calculated using least squares regression (age versus natural log number) based on the number of fish in fully vulnerable age classes (descending portion of the age distribution) and converted to survival ($S = e^{-Z}$). Annual mortality was presented based on $1-S$. Confidence intervals (95%) around the annual mortality estimate were calculated using the standard error of $Z * (t_{0.05, n-2})$, where n equaled the number of age classes used to generate Z , and then converting the interval value using the same procedure as for Z .

2.2.4 Catch Rate

Catch rate was used to provide an index of fish abundance. Catch rate was calculated by dividing the number of fish enumerated by the distance sampled and represented as number of fish per kilometre. For Mountain Whitefish, the number of fish enumerated equaled the number of fish captured. For Arctic Grayling and Bull Trout, the number of fish enumerated equaled the number of fish captured plus the number of fish observed. The rationale for use of this approach is presented in Mainstream and Gazey (2004). For abundant species such as Mountain Whitefish, large observer bias and sampling error negates the benefit of including observed fish in the catch. For less abundant species, such as Arctic

Grayling and Bull Trout, observer bias and sampling error is reduced allowing use of the observed data without compromising sampling accuracy or precision.

The approach used for statistical analyses of catch rate data was dependent on the questions asked and the characteristics of the data. Based on findings by P&E (2002), P&E and Gazey (2003) catch rates were stratified by habitat type and section to reduce sample variation, and to address spatial differences in fish abundance. Catch rates for each habitat type were combined for annual comparisons. Section catch rates were calculated by adding individual habitat type estimates.

The standard deviation of the combined estimate was calculated as follows:

$$SD_{cp} = \sqrt{\left(a^2 - \left(\left(\left(b^2 + c^2\right) * d\right) + \left(\left(e^2 + f^2\right) * g\right)\right) / (d + g)\right)}$$

Where SD_{cp} is the standard error of the combined estimate, a is absolute value of the combined estimate, b is the estimate of CPUE A, c is the standard error of CPUE A, d is the sample size of CPUE A, e is the estimate of CPUE B, f is the standard error of CPUE B, g is the sample size of CPUE B.

The standard error was calculated as the standard deviation of the combined estimate divided by the square root of the combined sample size.

2.2.5 Index of Recruitment

An index of recruitment was developed for young fish of each target species. Age 0 fish were not effectively sampled by boat electrofisher. The next youngest age class that was regularly encountered in the sample was assumed to represent recruitment. The recruitment age classes used for the analyses were Age 1 for Arctic Grayling and Mountain Whitefish and Age 3 for Bull Trout.

The recruitment index (No. of fish/km) was calculated by dividing the total number of young fish recorded in a section by the total sampled length. Totals were used because low numbers of young fish precluded use of the standard approach (i.e., catch per unit effort by site within each section).

All Age 1 Arctic Grayling and Age 3 Bull Trout collected during the program were aged, and therefore, were available for analysis. A random subsample of Mountain Whitefish was aged. The length data collected from the entire sample was converted to age data using the age-length key procedure described in Isely and Grabowski (2007). The age-length key was constructed using the length frequency

probability for each age class of the aged sample from each section, which was then applied to the entire sample from that section.

2.2.6 Population Estimates

A mark-recapture program was conducted on Mountain Whitefish, Arctic Grayling, and Bull Trout over the period 23 August to 21 September, 2012 (duration of 30 days). Three sections were sampled (Figure 1.1) by six sequential sessions (Table 2.4).

Table 2.4 Sampling dates by section and session and the study days used for the 2012 Peace River Fish Index Project.

Session	Section		
	One	Three	Five
Actual Sampling Dates			
1	23, 24 Aug	25, 26 Aug	27, 28 Aug
2	29, 30 Aug	31 Aug, 1 Sep	2, 3 Sep
3	4, 5 Sep	6, 7 Sep	8, 9 Sep
4	10, 11 Sep	12, 13 Sep	14, 15 Sep
5	16 Sep	17 Sep	18 Sep
6	19 Sep	20 Sep	21 Sep
Mid or Study Day			
1	1.0	3.0	5.0
2	7.0	9.0	11.0
3	13.0	15.0	17.0
4	19.0	21.0	23.0
5	24.5	25.5	26.5
6	27.5	28.5	29.5

In the text that follows frequent reference is made to the terms “capture probability” and “catchability”. Capture probability is defined as the probability of detecting (encountering) an individual fish given that it is alive during a sampling event (Otis *et al.* 1978). For application to the population estimation models discussed here, the sampling event is a sampling day or session (1-2 days, see Table 2.4), dependent on the estimation model used. Catchability is defined as the fraction of the population which is caught by a defined unit of fishing effort (Ricker 1975). Note that under these classical definitions the two terms, as used in this report, are not synonymous. For example, if the number of fish sampled is directly related to sampling effort then sampling sessions with different effort levels on the same population may exhibit the same catchability but will have different capture probabilities.

During the first four sessions marks were intensively applied, but during the final two sessions emphasis was placed on searching for the presence of a mark on fish encountered. Marks were not applied to Mountain Whitefish in the final two sessions (Sessions 5 and 6). Overall, the program was highly

successful (in terms of the number of marks applied and recaptured) for Mountain Whitefish but much less so for Arctic Grayling and Bull Trout. Therefore, the methodologies described (diagnostics, population estimation, catchability, and sampling power analyses) were comprehensively applied to Mountain Whitefish. For Arctic Grayling and Bull Trout, only the closed population estimation methodology without empirical diagnostics for model selection could be applied because of sparse data.

2.2.6.1 Factors that Impact Population Estimates

The tagging program has some characteristics that must be considered with reference to the population estimation methodology and limitations of the subsequent estimates. First, the capture of fish may be heterogeneous (i.e., some fish are more likely to be caught than others) because of spatial distribution or the reaction of the fish to electrofishing. Second, marks were applied only to fish greater than 250 mm; thus, any estimates are only applicable to that portion of the population. Third, fish can grow over the life of the study such that fish recruit into the portion of the population greater than 250 mm when the study commenced. However, given the short duration of the study, appreciable growth was not expected. Fourth, marked fish can move to sections where capture probability may be different because of possible differences in sample size (sampling effort), catchability, number of available marks for recapture or the population size. Fifth, capture probability within a section can vary over time because of differences in catchability possibly generated by physical-biological interactions (e.g., samples are taken during the day in the upper 2 m).

In order to investigate these characteristics, we first examined the capture behaviour of the marked Mountain Whitefish. Floy tags have been applied from 2002 to 2004 and PIT tags have been applied over the 2004 to 2012 period. For marks applied prior to 2012, the fish had to be caught again in 2012 and the tag recorded to qualify as a mark release. The proportion of marks recaptured in 2012 by tag type (Floy and PIT) and initial year of release were compared (G-test, Sokal and Rohlf, 1969), as well as the time-at-large for the release types. We also compared the frequency of multiple recaptures following Seber (1982). Length histograms of the fish marked and recaptured were examined to reveal selectivity patterns generated by the presence of a mark. These patterns were further evaluated by combining the measured fish into 25 mm length intervals and conducting tests of independence (G-test) for each section. Growth over the period of the present study was examined by regressing the time at large (days) of a recaptured fish on the increment in growth (difference in length measured at release and recapture).

The movement of fish between sections in 2012 and at-large for over a year (marked in 2002 to 2011 and recaptured in 2012) was assessed through weighting the recaptures by sampling intensity. Within each

section were 15 sampling sites, each with a unique river kilometer (kilometers from the mouth) which allowed for the distance traveled up or downstream to be calculated for recaptured fish.

2.2.6.2 Empirical Model Selection

The large number of Mountain Whitefish recaptures allowed for quantitative model selection using POPAN-5 (UFIT module) software for mark-recapture data (Arnason *et al.* 1998). For the purpose of total survival estimates, the time of sampling was assumed to be the mid-point of the actual sampling dates (Table 2.4). Each section was modeled independently with recaptured fish in other sections treated as removals. For all sections (1, 3, and 5), the model selection was for a closed population (no change in population size over the period of the study).

Apparent survival (represents fish that survive and have not left the study area) of Mountain Whitefish over the study period was estimated with the Cormack-Jolly-Seber (CJS) model using MARK software (White 2006). Because only recaptures are tracked, recruitment cannot be estimated; however, unlike other open population models (e.g., Jolly-Seber), the CJS model allows for time varying capture probability. The CJS model was applied to releases made in each section (1, 3, and 5) and subsequent recapture, regardless of location, in all six sessions. To increase the chance of detecting apparent survival < 1.0 , survival was assumed to be constant over time and was scaled to the project duration using the time intervals between sessions as defined in Table 2.4.

The large number of recaptures of Mountain Whitefish also allowed an empirical evaluation of homogeneous, heterogeneous and time-varying capture probabilities by employing MARK (closed population capture-recapture models) software (White 2006) to calculate delta Akaike's information criteria (ΔAIC), adjusted to account for the number of parameters, and the associated model likelihood for each of the sections. The model notation follows that of Otis *et al.* (1978), i.e.,

- M_0 - no variation in capture probability among individuals or across sampling sessions,
- M_1 - each individual has the same capture probability on any given session, but capture probability can vary from one session to the next,
- M_b - behavioural response in capture probability (initial capture and subsequent recapture probabilities are not the same), and
- M_h - heterogeneous capture probability among individuals.

The MARK program requires the encounter history for every fish be known. A violation occurs when captured fish are returned to the river unmarked as occurred in sampling Sessions 5 and 6. The MARK program also assumes that the sampling intensity of sampling sessions are identical in order for the

comparison of ΔAIC 's to be valid. Therefore, only the first four sampling sessions were used for this exercise and the fish that were returned to the river unmarked in these sessions were treated as dead in order to approximate the assumptions MARK requires.

A maximum likelihood estimation procedure using all the data was employed to examine the change in catchability over the sampling interval. Moreover, the computation of ΔAIC for the constant capture probability model using MARK may be misinterpreted because variation in sample size results in associated variation in the capture probability; however, the underlying catchability of marks may be consistent throughout the season. If the catchability is constant then the probability that an encountered fish is marked at sequence t (p_t) depends only on the proportion of the population that is marked, i.e.,

$$(1) \quad p_t = \frac{M_t}{M_t + U_t} = \frac{M_t}{N},$$

where M_t is the cumulative marks applied that are available for recapture at time t , U_t is the number of unmarked fish in the population at time t and N is the population size that is to be estimated. Note that if catchability varies over time but equally for marked and unmarked fish for each sequence t then p_t does not change and still reflects the proportion of the population that is marked. This is the formulation that is used in the Bayes Sequential model presented below. If the catchability of marked and unmarked fish varies over the sampling interval then the probability that an encountered fish is marked can be characterized as:

$$(2) \quad p_t = \frac{M_t}{N \exp(b_t)} \text{ with the constraint that } \sum_t b_t = 0,$$

and where b_t is the logarithmic population deviation and will provide a better fit to the data. In the remainder of this document all reference to “time varying catchability” is as characterized by Equation (2). It is important to note that Equation (2) is also consistent with a change in population size (population change and time varying catchability are confounded). The log-likelihoods (L) were computed for these models with an assumed binomial sampling distribution, i.e.,

$$(3) \quad L \propto \sum_t [R_t \log_e(p_t) + (C_t - R_t) \log_e(1 - p_t)],$$

where R_t is the number of recovered tags in the sample of C_t fish taken at time t . Parameter estimates,

standard deviations and AIC values were calculated through the maximization of Equation (3) using AD Model Builder (ADMB 2009) to implement the model. For these estimates, each sampling day after the first session was used as a sequence (8 days in each river section).

2.2.6.3 Bayes Sequential Model for a Closed Population

A Bayesian mark-recapture model for closed populations (Gazey and Staley 1986, and Gazey 1994) was applied to the mark-recapture data. The Bayesian model was adapted to accommodate adjustments for movement between river sections, allow for stratified capture probabilities and cope with sparse recaptures characteristic of Arctic Grayling and Bull Trout. The major assumptions are:

1. The population size in the study area does not change over the period of the experiment. If mortality occurs then it can be specified independent of the mark-recapture information. Fish can move within the study area (to different sections); however, the movement is fully determined by the history of recaptured marks.
2. All fish in a stratum (day and section), whether marked or unmarked, have the same probability of being caught.
3. Fish do not lose their marks over the period of the study.
4. All marks are reported when the fish are recaptured. If marks are not detected then the rate can be specified independent of mark-recapture information.

The following data needs to be extracted from the mark-recapture database in order to generate population estimates for the Bayes model:

- m_{it} – the number of marks applied in 2012, or marked in a previous year and recaptured in 2012 during day t in section i ,
- c_{it} – the number of fish examined for marks during day t in section i ,
- r_{it} – the number of recaptures in the sample c_{it} , and
- d_{it} – the number of fish removed or killed in the recaptures r_{it} .

A fish had to be greater than or equal to 250 mm to be a member of m_{it} . A fish was counted as examined (a member of c_{it}) only if the fish was landed and examined for the presence of a mark and was greater than or equal to 250 mm in length. A fish was counted as a recapture (r_{it}) only if it was a member of the sample (c_{it}), was a member of marks applied (m_{it}) and was recaptured in a session later than the release session. A fish was counted as removed (d_{it}) if it was not returned to the river or the fish was deemed to be unlikely to survive.

The number of marks available for recapture, adjusted for movement, was determined by first estimating the proportion of marks released in section i moving to section j (p_{ij}). Note by definition:

$$\sum_j p_{ij} = 1.$$

Assuming that the movement of marked fish is determined by the recapture history corrected for the sampling intensity then:

$$(4) \quad \hat{p}_{ij} = \frac{\sum_t \frac{w_{ij}}{c_{ij}}}{\sum_j \sum_t \frac{w_{ij}}{c_{ij}}}$$

where w_{ij} is the total number of recaptures that were released in section i and captured in section j over the entire study. The maximum number of releases available for recapture during day t in section j (m_{ij}^*) is then:

$$(5) \quad m_{ij}^* = \sum_i \hat{p}_{ij} m_{ii}.$$

The usual closed population model assumptions (e.g., Gazey and Staley 1986) may be invalidated by natural mortality, unaccounted fishing mortality, the emigration of fish from the study area and non-detection of a mark when the fish was sampled. Thus, the number of marks available for recapture at the start of day t in section i (M_{ii}) consists of the releases in each of the sections corrected for removals (mortality and emigration) summed over time, i.e.,

$$(6) \quad M_{ii} = \sum_{v=1}^{t-h} (m_{vi}^* - d_{vi}) \exp\left\{\frac{v+h-t}{365} Q\right\}$$

where Q is the instantaneous annual rate of removal and h is the number of lags or mixing days (nominally set to three days). The number of fish examined during day t in the i 'th region (C_{ii}) does not require correction, i.e.,

$$(7) \quad C_{ii} = c_{ii}$$

The recaptures in the sample, C_{ii} , however, need to be corrected for the proportion of undetected marks (u), i.e.,

$$(8) \quad R_{ii} = (1 + u)r_{ii}$$

The corrected marks available, sample and recaptures (Equations 6, 7, and 8) are the input information required by the Gazey and Staley (1986) to form the population estimates.

The estimation of population size was accomplished with a Microsoft Excel[®] spreadsheet model that consists of macros coded in Visual Basic. The procedure requires the execution of two passes (macros update and estimate). First (execute macro update), the mark-recapture data are assembled by sections under the selection criteria of minimum time-at-large (days) and minimum length (mm) specified by the user. For the second pass (execute macro estimate), the user must specify the sections to be included in the estimate, annual instantaneous mortality rate, the proportion of undetected marks and the confidence interval percentage desired for the output. The model then assembles the adjusted mark-recapture data (Equations 6, 7, and 8) and follows Gazey and Staley (1986) using the replacement model to compute the population estimates. Output includes the posterior distributions, the Bayesian mean, standard deviation, median, mode, symmetric confidence interval and the highest probability density (HPD) interval.

Population estimates were generated for the three sections using marks applied at a start-date of 23 August 2012, a minimum length of 250 mm, an annual instantaneous removal rate (represents natural mortality, unobserved removals, and emigration) of 0.0, and an undetected mark rate of 0%. Annual instantaneous mortality rates of 0.2, 0.4, and 0.6 and undetected mark rates of 1, 3, and 5% were tried in order to reveal the sensitivity of the population estimates to failures in the closed model assumptions. The total population estimate for the study area was obtained by summing the section estimates. For Mountain Whitefish, the confidence interval for the total study area estimate was calculated invoking a normal distribution under the central limit theorem with a variance equal to the sum of the variances for the sections. Recaptures were only available in Section 5 for Arctic Grayling; thus, total study population estimates were not obtainable. For Bull Trout, highly skewed posterior distributions for the population estimates precluded the application of the central limit theorem. Instead, the compound posterior distributions were calculated following Gazey and Staley (1986).

2.2.7 Catchability

One of the key quantities of interest is catchability. If catchability is constant across years and river sections then indices of abundance such as catch rate (No. fish per unit effort, CPUE) are comparable. Handling time to process a fish (e.g., netter dipping, dumping the fish in the hold) can cause systematic bias in the relationship between CPUE and abundance (Hilborn and Walters 1992). Catchability

coefficients (the parameter relating an abundance index to the actual abundance, Ricker 1975) were calculated under the assumptions of a closed population and that abundance indices are proportional to the population size. If these assumptions are true then the coefficients should remain constant over study-years and river sections; which is a test of this potential systematic bias.

An estimate for the catchability coefficient for the i 'th section was calculated following Ricker (1975) as:

$$(9) \quad \hat{q}_i = \frac{\sum_t C_{ti}}{E_i \cdot N_i}$$

where C_{ti} is from Equation (7), E_i is electrofishing effort (measured as hours of electrofishing or distance traveled) and N_i is the Bayes closed population estimate (i.e., no change over the study period) for section i , calculated following Section 2.2.6.3 above. Given the number of fish sampled and effort data, the variance of catchability coefficient is:

$$(10) \quad \text{Var}(\hat{q}_i) = \left(\frac{\sum_t C_{ti}}{E_i} \right)^2 \text{Var} \left(\frac{1}{N_i} \right)$$

where the reciprocal of estimated abundance is distributed normally and can be estimated using the following expression (Ricker 1975, p 97):

$$(11) \quad \text{Var} \left(\frac{1}{N_i} \right) = \frac{\sum_t R_{ti}}{\left(\sum_t M_{ti} C_{ti} \right)^2}$$

The catchability coefficient was also examined using the catch rate weighted for habitat as described in Section 2.2.4 above. This was undertaken to illustrate the application of catch rate as a monitoring tool. The weighted estimate of catch rate was plotted against the population estimate for that section and the relationship quantified using simple linear regression. The slope of the relationship, which represented the catchability coefficient, was then compared to the catchability coefficient estimate generated using the recapture and effort data (see Equation 9).

2.2.8 Effort Needed to Detect Change

In order to explore the precision that may be obtained under alternative sampling intensities, a simple power analysis was conducted on Mountain Whitefish sampled from Section 1 where a consistent program has been performed each year over the 2002 to 2012 period. We assumed that the estimate of the Bayesian mean (\bar{N}) was the actual population size and adjusted the data for an altered sampling factor for any sequence as follows:

$$(12) \quad M'_t = \left[1 - \left(1 - \frac{M_t}{\bar{N}} \right)^f \right] \cdot \bar{N}$$

$$(13) \quad C'_t = \left[1 - \left(1 - \frac{C_t}{\bar{N}} \right)^f \right] \cdot \bar{N}$$

$$(14) \quad R'_t = R_t \cdot \frac{M'_t}{M_t} \cdot \frac{C'_t}{C_t}$$

where f is the sampling factor (e.g., $f = 2$ represents a doubling of the sampling effort), M_t is the number of marks applied at the start of the t^{th} sampling sequence, C_t is the total number of fish examined for marks and R_t is the number of recaptured marks. The prime notation represents the data generated for a specified sampling factor. Since the number of fish sampled is small in relation to the population size, a sampling factor of 2 nearly doubles the marks applied and quadruples the recoveries.

For the purposes of this analysis we defined precision to be half of the 80% highest probability density (HPD) expressed as a percentage of the mean. If the posterior distribution was perfectly symmetrical, then our precision definition would equate to the plus/minus 80% confidence interval.

2.2.9 Data Management System and Update Database

Microsoft® Access 2000 was used to enter, check, and store the raw fish and habitat data collected during 2012. This information was used to update the Peace River Fish Index Project database.

3.0 RESULTS

This section provides a summary of the general characteristics of the fish community and a comparison to previous results, where appropriate. For simplicity the information has been grouped into seven component sections: sampling conditions, fish community characteristics, biological characteristics, catch rate, recruitment, population estimates, and catchability. Appendices B to E present all raw data.

Additional information presented in this section includes examination of Mountain Whitefish age and ageing technique. Appendix F presents all raw data for analyses associated with that task.

3.1 SAMPLING CONDITIONS

Sampling conditions during the field program were examined to ascertain if one or more parameters affected sampling effectiveness. Summaries for selected parameters are presented in this section, and when appropriate, comparisons are made to historical data. Raw data for all measured parameters are presented in Appendix B.

3.1.1 Discharge

Mean daily discharge of the Peace River was 1,017 m³/s during the 2012 field program (Figure 3.1). Daily discharge ranged from 519 m³/s to 1,375 m³/s. Hourly discharge fluctuated widely during each 24 h period on most sampled days between 23 August and 11 September. For the majority of the 2012 field program, daily discharge was slightly higher than the historical average daily discharge (2001 to 2011).

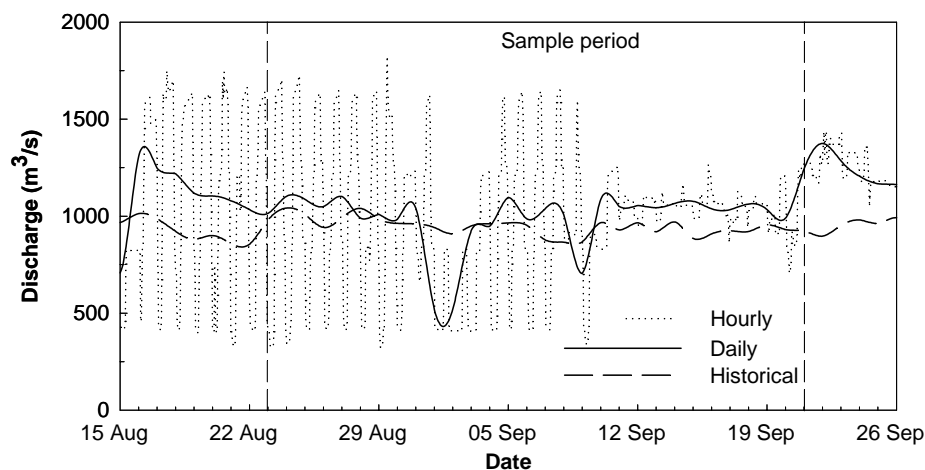


Figure 3.1 Peace River daily and hourly discharge at PCN Dam with comparison to historical average daily discharge recorded from 2001 to 2011, 2012 Peace River Fish Index Project.

There were no large changes in Peace River discharge caused by inputs from the Halfway River and other tributaries. During the field program Halfway River discharge was $> 48 \text{ m}^3/\text{s}$ (Water Survey of Canada Station 07FA006) and Moberly River discharge was $> 5 \text{ m}^3/\text{s}$ (Water Survey of Canada Station 07FB008).

3.1.2 Water Clarity

Water clarity of the Peace River was high during the field program (Table 3.1, Figure 3.2). Average daily values were $> 110 \text{ cm}$ and often exceeded 200 cm . Average water clarity during field program was highest in Section 1 (202.3 cm) and lowest in Section 3 (159.3 cm). Work by P&E (2002) indicated that water clarity of 50 cm was the threshold at which there was a negative effect on catchability. As such, the overall effectiveness of the fish collection program in 2012 was not affected by low water clarity.

Table 3.1 Water clarity (cm) during the 2012 Peace River Fish Index Project.

Section	Mean (\pm SE)	Range
1	202.3 ± 1.78	155 – 210
3	159.3 ± 4.60	68 – 210
5	161.4 ± 4.17	110 – 210

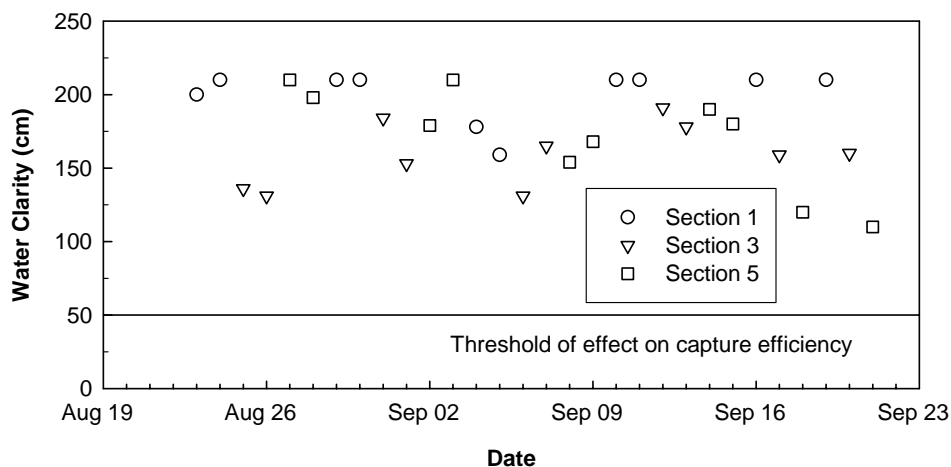


Figure 3.2 Mean daily water clarity in Sections 1, 3, and 5, 2012 Peace River Fish Index Project.

3.1.3 Water Temperature

Water temperatures during the field program ranged from 7.2°C to 15.3°C during the field program (Table 3.2, Figure 3.3). Mean daily water temperature did not differ substantively between sections; however, mean daily water temperature was very low at the very beginning of the field program ($> 8^\circ\text{C}$). This may have been caused by low level port water releases from W.A.C. Bennett Dam. After the

beginning of the field program water temperatures in each section remained near or exceeded 10°C and gradually increased until the end of the program. Temperatures were well above the 7°C threshold, which is the temperature below which Mountain Whitefish initiate spawning (Northcote and Ennis 1994).

Table 3.2 Water temperature (°C) during the 2012 Peace River Fish Index Project.

Section	Mean (\pm SE)	Range
1	10.4 \pm 0.18	7.2 – 12.1
3	11.9 \pm 0.12	9.7 – 15.3
5	11.9 \pm 0.08	9.9 – 13.1

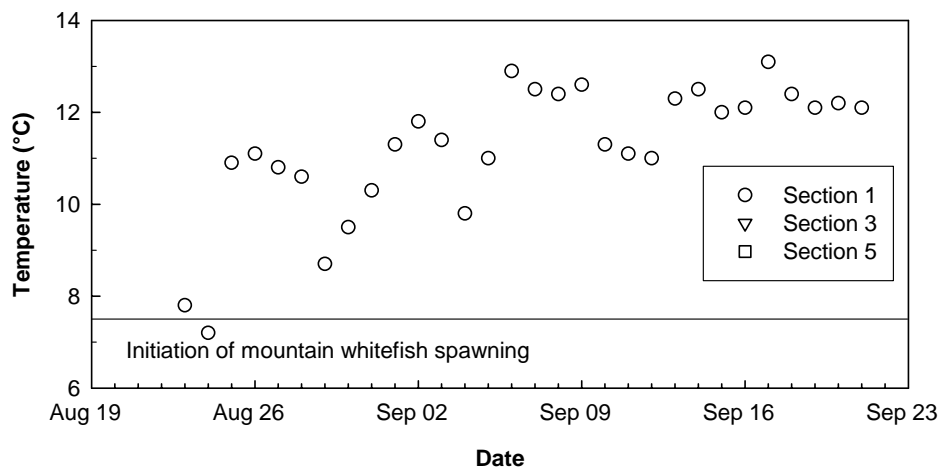


Figure 3.3 Mean daily water temperatures in Sections 1, 3, and 5, 2012 Peace River Fish Index Project.

3.2 GENERAL CHARACTERISTICS OF THE FISH COMMUNITY

In total, 14,005 fish representing 15 species were recorded in 2012 (Table 3.3). The species assemblage included 10 sportfish, 3 suckers, and 2 cyprinids. Mountain Whitefish were very numerous and dominated the sample (12,142 fish; 86.7%). The two other target species were not abundant. In total, 80 Arctic Grayling (0.6%) and 247 Bull Trout (1.8%) were recorded. After Mountain Whitefish, Longnose Sucker was the most prominent species (954 fish; 6.8%). The results for the three target species were generally similar to findings of previous studies, but Arctic Grayling numbers were the lowest on record since the beginning of structured sampling in 2002. Differences between the present study and previous investigations included the presence of Lake Trout, Lake Whitefish, and Peamouth, as well as higher numbers of Walleye.

Table 3.3 Number and percent composition of fish species, 2012 Peace River Fish Index Project.

Family	Common Name	Scientific Name	Number	Percent
Salmonidae	Arctic Grayling	<i>Thymallus arcticus</i>	80	0.57
	Bull Trout	<i>Salvelinus confluentus</i>	247	1.76
	Kokanee	<i>Oncorhynchus nerka</i>	99	0.71
	Lake Trout	<i>Salvelinus namaycush</i>	5	0.04
	Lake Whitefish	<i>Coregonus clupeaformis</i>	4	0.03
	Mountain Whitefish	<i>Prosopium williamsoni</i>	12,142	86.70
	Rainbow Trout	<i>Oncorhynchus mykiss</i>	179	1.28
Gadidae	Burbot	<i>Lota lota</i>	3	0.02
Esocidae	Northern Pike	<i>Esox lucius</i>	13	0.09
Percidae	Walleye	<i>Sander vitreus</i>	73	0.52
Catostomidae	Largescale Sucker	<i>Catostomus macrocheilus</i>	101	0.72
	Longnose Sucker	<i>Catostomus catostomus</i>	954	6.81
	White Sucker	<i>Catostomus commersonii</i>	63	0.45
Cyprinidae	Northern Pikeminnow	<i>Ptychocheilus oregonensis</i>	41	0.29
	Peamouth	<i>Mylocheilus caurinus</i>	1	0.01
Total			14,005	100

The majority of species (12 of 15) were recorded in all three sections (Table 3.4). Exceptions included less abundant species (i.e., Burbot, Northern Pike, and Peamouth) that occurred in only one or two sections. These findings were similar to those of previous studies.

Table 3.4 Spatial distribution of fish species, 2012 Peace River Fish Index Project.

Family	Name	Section		
		1	3	5
Salmonidae	Arctic Grayling	•	•	•
	Bull Trout	•	•	•
	Kokanee	•	•	•
	Lake Trout	•	•	•
	Lake Whitefish	•	•	•
	Mountain Whitefish	•	•	•
	Rainbow Trout	•	•	•
Gadidae	Burbot		•	•
Esocidae	Northern Pike		•	•
Percidae	Walleye	•	•	•
Catostomidae	Largescale Sucker	•	•	•
	Longnose Sucker	•	•	•
	White Sucker	•	•	•
Cyprinidae	Northern Pikeminnow	•	•	•
	Peamouth	•		

3.3 ARCTIC GRAYLING

3.3.1 Biological Characteristics

In total, 45 Arctic Grayling were sampled for biological characteristics. Fork lengths of sampled populations ranged from 168 mm to 388 mm and represented fish Age 1 to Age 5. Numbers of aged Arctic Grayling were as follows – 3 from Section 1, 17 from Section 3, and 25 from Section 5. Comparisons were restricted to Section 3 and Section 5 due to insufficient data from Section 1.

Spatial Comparisons

Arctic Grayling sampled from Sections 3 and 5 exhibited different age and length distributions (Figure 3.4). The small sample in Section 3 was dominated by Age 2 fish (53% of sample). The sample in Section 5 was dominated by Age 3 fish (60% of sample). No Age 0 fish were recorded during the study.

There was limited difference in Arctic Grayling growth between sections based on von Bertalanffy growth curves (Figure 3.4) and length-at-age (Table 3.5).

Table 3.5 Mean length-at-age of sampled Arctic Grayling, 2012 Peace River Fish Index Project.

Age	Section 1		Section 3		Section 5	
	<i>n</i>	Mean Fork Length (± SE)	<i>n</i>	Mean Fork Length (± SE)	<i>n</i>	Mean Fork Length (± SE)
0						
1			3	183.3 ± 10.73		
2	1	256.0	9	247.7 ± 7.27	1	240.0
3	1	300.0	2	326.5 ± 13.50	15	313.2 ± 9.56
4	1	350.0	2	348.5 ± 3.50	9	339.6 ± 5.08
5			1	354.0		

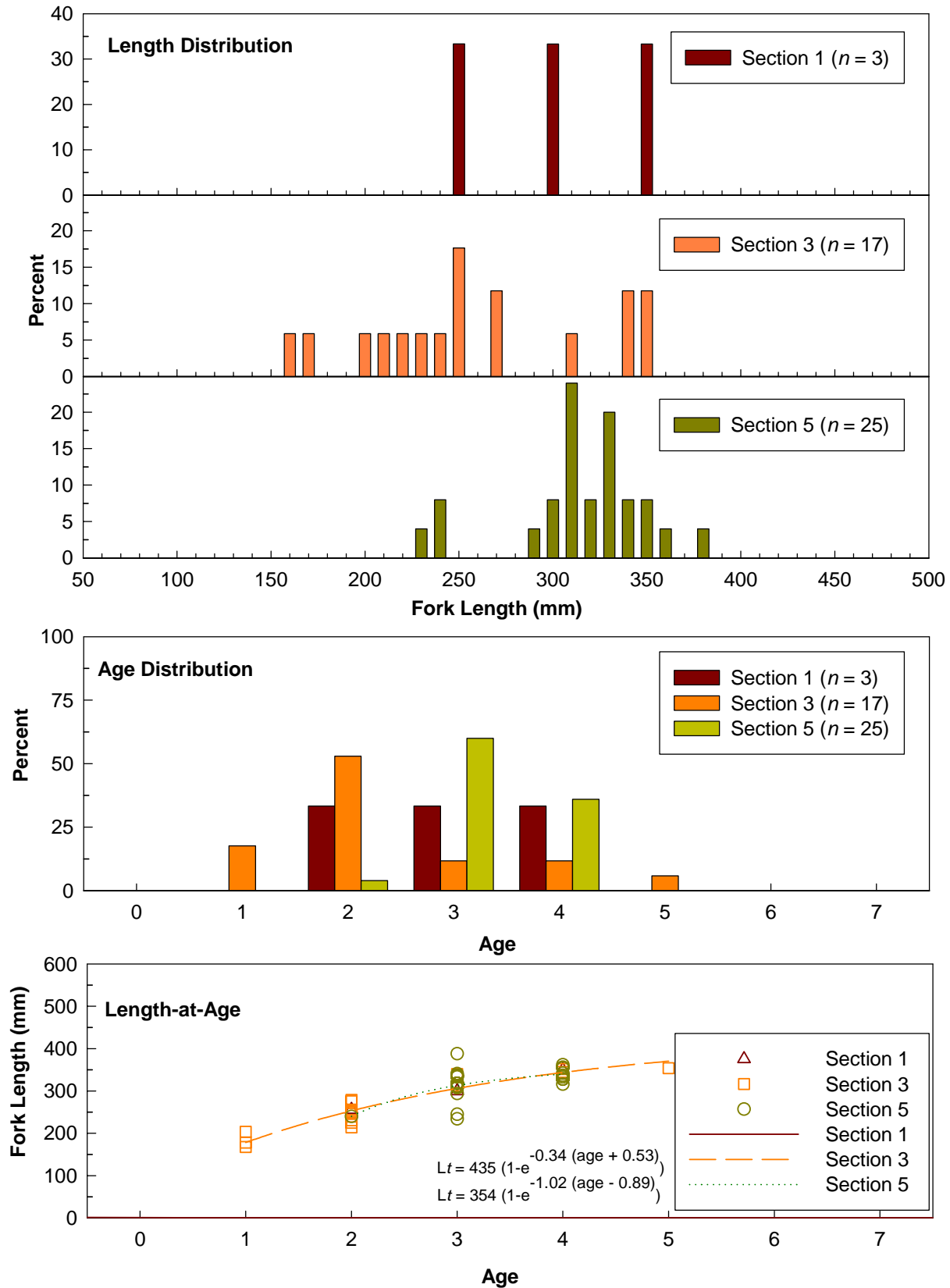


Figure 3.4 Length and age distributions and length-at-age relationships of sampled Arctic Grayling, 2012 Peace River Fish Index Project.

Body condition-at-age of Arctic Grayling was similar among sections (Table 3.6).

Table 3.6 Mean body condition (*K*) of sampled Arctic Grayling, 2012 Peace River Fish Index Project.

Age	Section 1		Section 3		Section 5	
	<i>n</i>	Mean Body Condition (\pm SE)	<i>n</i>	Mean Body Condition (\pm SE)	<i>n</i>	Mean Body Condition (\pm SE)
0						
1			2	1.24 \pm 0.03		
2			4	1.37 \pm 0.02		
3	1	1.29	1	1.39	11	1.32 \pm 0.02
4	1	1.36	2	1.20 \pm 0.03	8	1.16 \pm 0.03
5			1	1.30		

Annual Comparisons

Annual comparisons indicated variable age and length distributions of sample populations (Figures 3.5 and 3.6). In Section 3 the 2012 age distribution was similar to that of previous years (i.e., Age 2 fish were typically numerically dominant). In Section 5 younger, smaller fish were a minor component of the 2012 sample population. Age 1 fish were absent and Age 2 fish accounted for a small percentage. This was the first time that younger, smaller fish were a minor component of the sample population in Section 5.

A comparison of growth curves suggested a reduction in growth in 2012 compared to previous years (Figure 3.7). However, anabolic constant estimates indicated no differences between studies based on overall of the 95% confidence intervals (Figure 3.8).

Partitioning growth by age illustrated variable growth of sample populations in Section 3 and Section 5 (Figure 3.9). The results from Section 3 indicated reduced growth in 2012 – all estimates were below the long term average. Only Age 2 fish showed a strong reduction (i.e., lowest on record and significantly different from other annual samples based on 95% confidence intervals). The results from Section 5 also indicated a reduction in growth in 2012 – estimates for Age 2 to Age 4 fish were below the long term average. The Age 2 fish length-at-age estimate was the lowest on record, but it was not significantly different from previous years.

Arctic Grayling body condition-at-age indicated no trends over time in Section 3 and Section 5 (Figure 3.10). Results for the 2012 sample population were within the range recorded by previous studies.

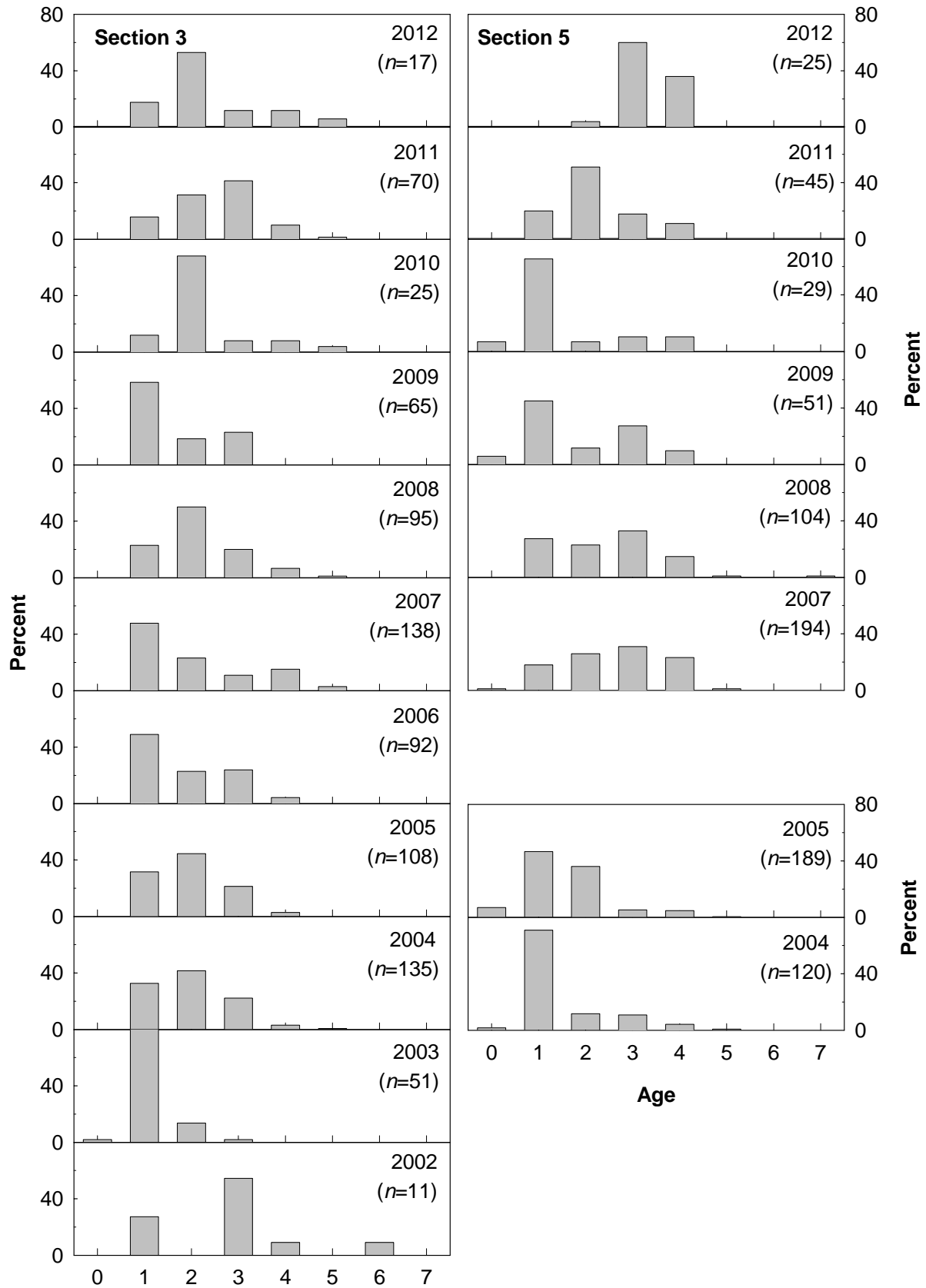


Figure 3.5 Age distributions of Arctic Grayling sampled during the Peace River Fish Index Project, 2002 to 2012.

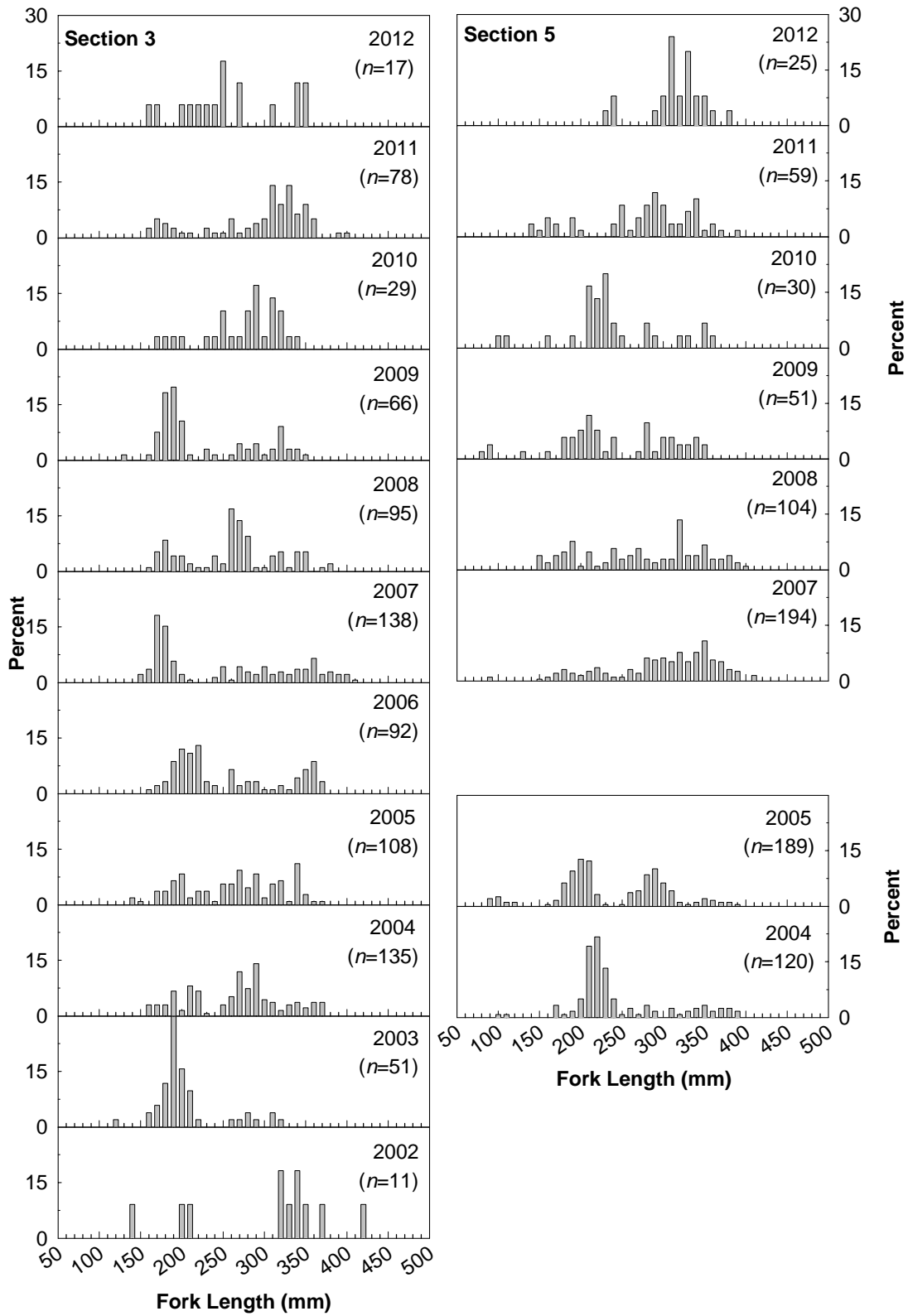


Figure 3.6 Length distributions of Arctic Grayling sampled during the Peace River Fish Index Project, 2002 to 2012.

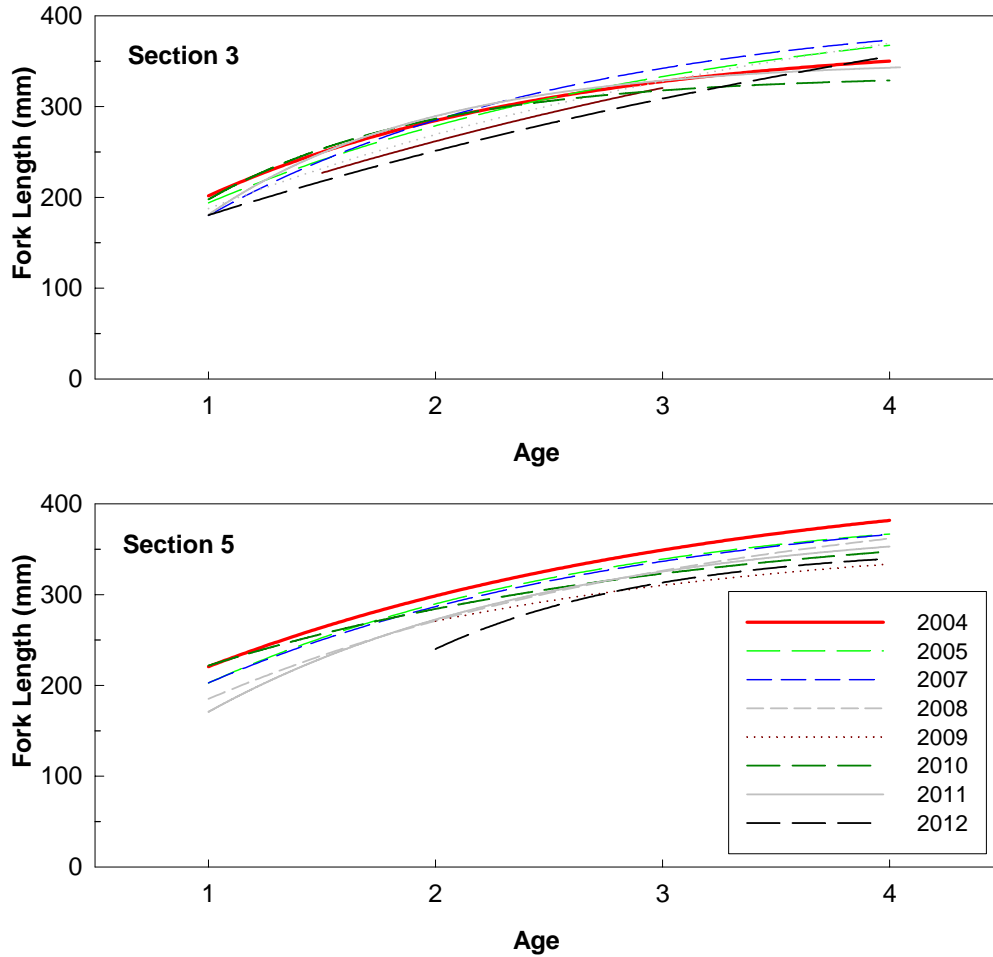


Figure 3.7 Growth curves of Arctic Grayling sampled from the Peace River Fish Index Project, 2004, 2005, 2007, 2008, 2009, 2010, 2011, and 2012 (Section 3 data for 2002, 2003, and 2006 omitted due to lack of data or nonconvergence using the von Bertalanffy growth model; analyses restricted to Ages 1 to 4).

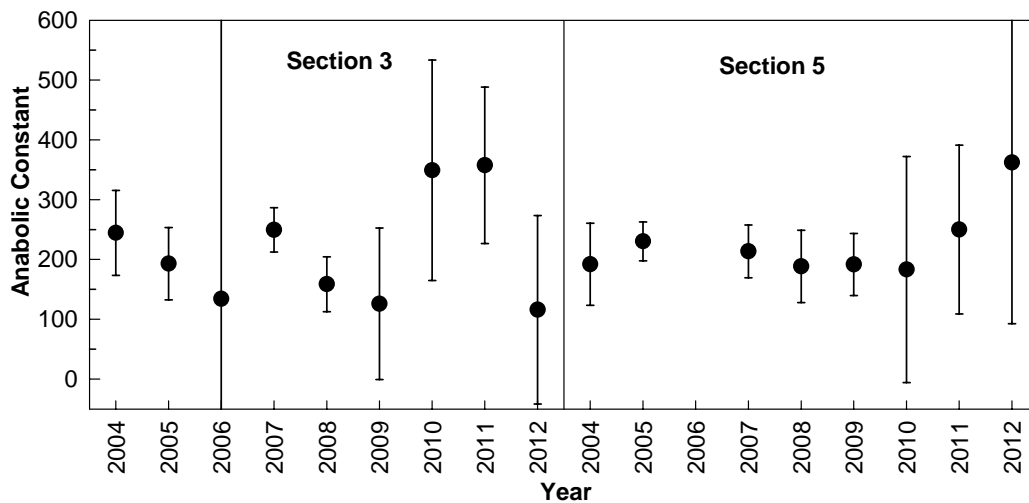


Figure 3.8 Anabolic constants of Arctic Grayling sampled during the Peace River Fish Index Project, 2004, 2005, 2007, 2008, 2009, 2010, 2011, and 2012 (data for Age 1 to Age 4; vertical lines represent 95% confidence intervals).

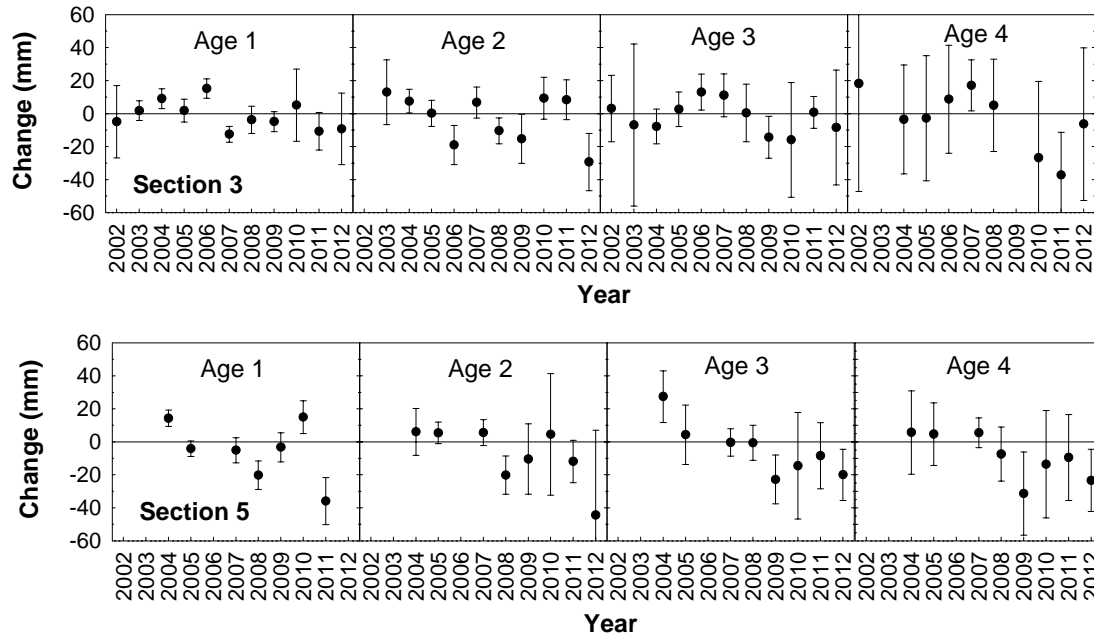


Figure 3.9 Change in mean length-at-age of Arctic Grayling sampled during the Peace River Fish Index Project, 2002 to 2012 (change defined as difference between annual estimate and estimate for entire sample; vertical lines are 95% confidence intervals).

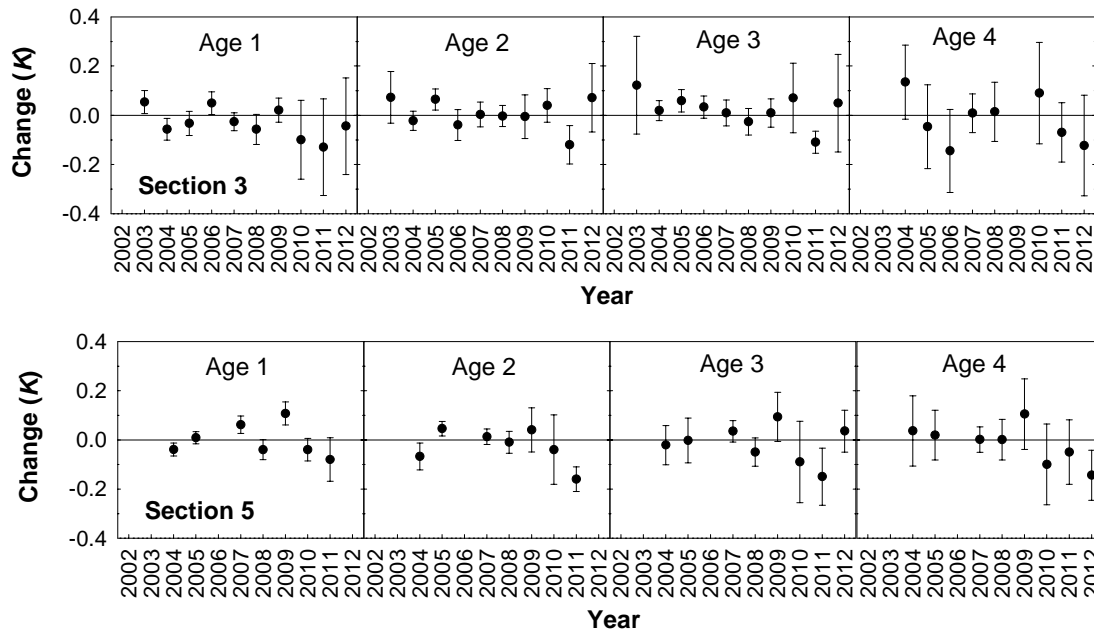


Figure 3.10 Change in mean body condition-at-age of Arctic Grayling sampled during the Peace River Fish Index Project, 2002 to 2012 (vertical lines are 95% confidence intervals).

Mortality

Inspection of catch curves for Arctic Grayling (all years combined) indicated that fish become fully vulnerable to the capture gear at Age 1 (Figure 3.11). The apparent annual mortality was similar among Sections 3 and 5 (57%).

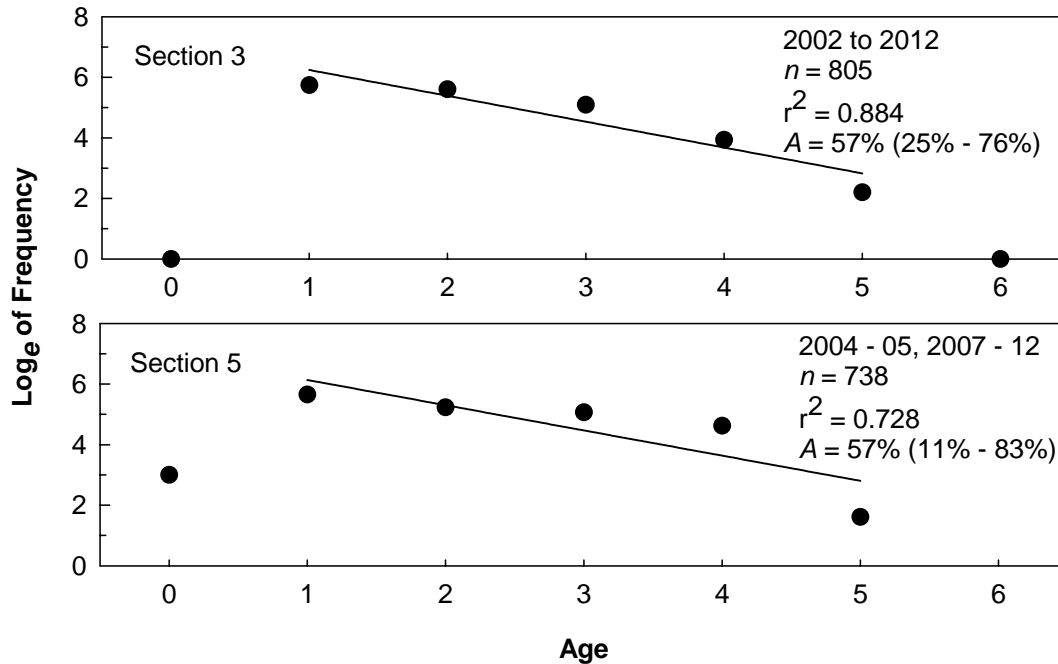


Figure 3.11 Catch curve annual mortality of Arctic Grayling sampled during the Peace River Fish Index Project, 2002 to 2012 (combined data from 2002 to 2012; percentages in brackets represent 95% confidence intervals).

3.3.2 Catch Rate

Spatial Comparisons

Catch rates of Arctic Grayling in 2012 were low (< 0.9 fish/km) (Figure 3.12). Catch rates differed by section and habitat, as has been established by previous fish index studies. Arctic Grayling were scarce in Section 1, and were more numerous in Section 3 and Section 5. In Section 3 catch rates were higher in SFC habitat (0.26 fish/km) compared to SFN habitat (0.14 fish/km). In Section 5 catch rates were lower in SFC habitat (0.30 fish/km) compared to SFN habitat (0.84 fish/km).

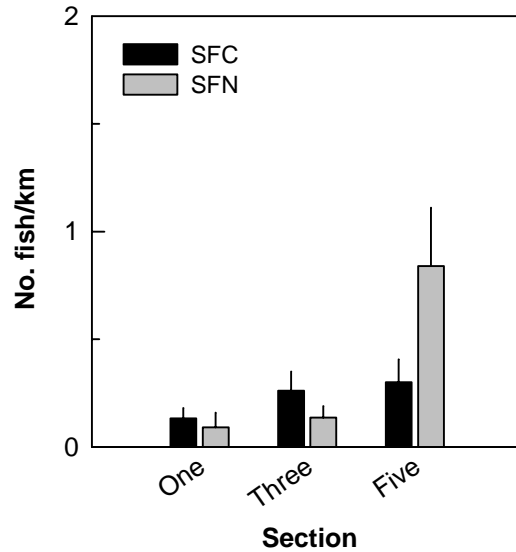


Figure 3.12 Mean catch rates of Arctic Grayling stratified by section and habitat type, 2012 Peace River Fish Index Project (vertical lines represent standard error; see Table 2.1 for sample sizes and Table 2.2 for definitions of habitat type).

Annual Comparisons

Arctic Grayling catch rates exhibited large annual variability but average values in 2012 were the lowest or approached the lowest on record (Figure 3.13). In Section 1 catch rates have been consistently very low and the 2012 results were no exception. In Section 3, the catch rate in 2012 (0.20 fish/km) was the second lowest on record and represented a five-fold decline from the catch rate recorded in 2011 (1.02 fish/km). In Section 5, the 2012 catch rate (0.55 fish/km) was the second lowest on record and represented a 60% reduction from the catch rate recorded in 2011 (0.91 fish/km).

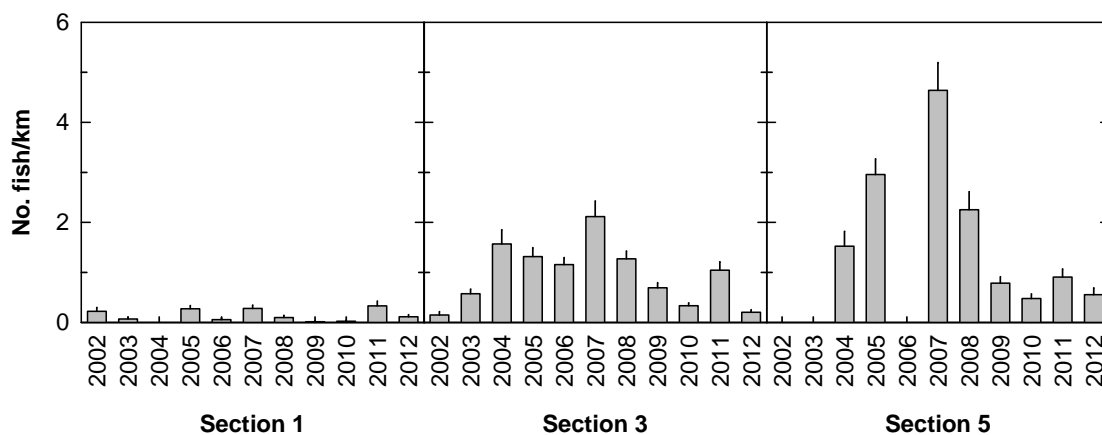


Figure 3.13 Mean catch rates of Arctic Grayling during the Peace River Fish Index Project, 2002 to 2012 (based on combined weighted means and standard errors for SFC and SFN habitats; vertical lines represent standard errors; Section 5 not sampled in 2002, 2003, and 2006).

3.3.3 Recruitment

Recruitment of Age 1 Arctic grayling in 2012 was very low (Figure 3.14). The contribution of Age 1 Arctic Grayling has been zero in Section 1, except in 2011. In Section 3, Age 1 Arctic Grayling were recorded during all years of study, but annual recruitment has varied. The Arctic Grayling recruitment index ranged from a high of 2.86 fish/km in 2007 to a low of 0.13 fish/km in 2010. The recruitment index in 2012 (0.15 fish/km) was the second lowest on record. In Section 5, Arctic Grayling annual recruitment was more variable. Recruitment values were high in 2004 and 2005, but then have continuously declined until 2012, when no Age 1 fish were recorded.

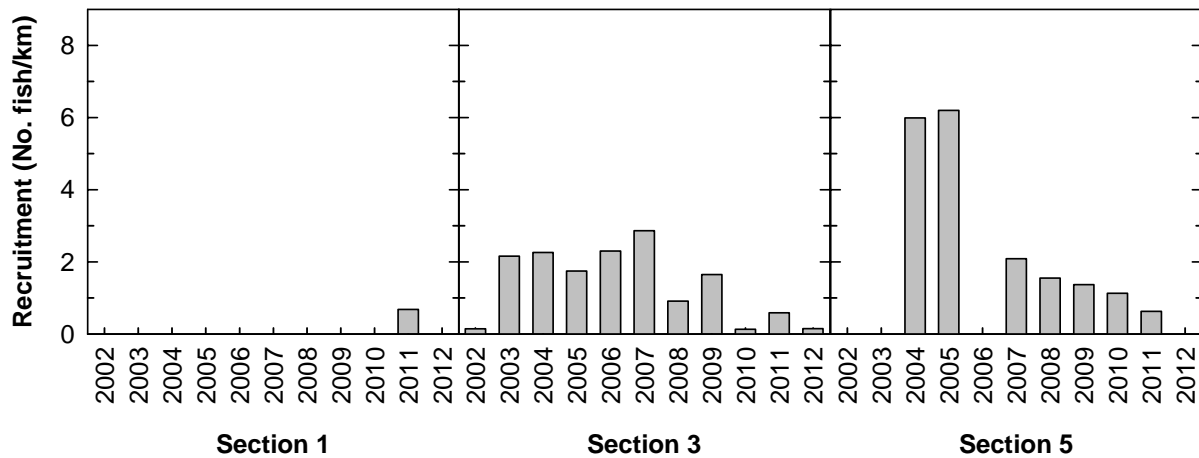


Figure 3.14 Recruitment indices of Age 1 Arctic Grayling during the Peace River Fish Index Project, 2002 to 2012 (Section 5 not sampled in 2002, 2003, and 2006).

3.4 BULL TROUT

3.4.1 Biological Characteristics

In total, 199 Bull Trout were sampled for biological characteristics. Fork lengths of sampled populations ranged from 155 mm to 842 mm and represented fish Age 2 to Age 16. Numbers of aged Bull Trout were as follows – 38 from Section 1, 102 from Section 3, and 43 from Section 5.

Spatial Comparisons

Length and age distributions of Bull Trout were generally similar among sections (Figure 3.15). No fish younger than Age 2 were encountered in any section and subadult fish (estimated as Ages 2 and 5) dominated in all sections ($\geq 50\%$ of each sample). Adult Bull Trout (estimated as \geq Age 6) also were present in each section.

The von Bertalanffy growth equation could not be applied to the Bull Trout sample in any section due to non-convergence of growth curves, which was likely caused by the paucity of older fish. As such, linear regression was used to describe Bull Trout growth (Figure 3.15). These growth curves and length-at-age data from Table 3.7 indicated that subadult fish in all three sections grow at a similar rate (approximately 75 mm per year).

Spatial differences in sample populations were not apparent from mean length-at-age (Table 3.7) and mean body condition-at-age (Table 3.8).

Annual Comparisons

Age and length distributions of the combined sample (Sections 1, 3, and 5) have been generally stable across years (Figure 3.16 and Figure 3.17, respectively). Age distributions were dominated by subadults (Age 2 to Age 5), while younger fish (Age 0 and Age 1) and adult fish (\geq Age 6) were poorly represented. The absence of adult fish was caused by use of tributaries for spawning during the study period (i.e., August and September) and the absence of younger fish was caused by use of tributaries for rearing by this age group. Bull Trout typically do not disperse from rearing streams until Age 3 (Hagen and Decker 2011). As such, the results do not represent a complete age and length structure of the Bull Trout population.

The 2012 age and length distributions were truncated due to the preponderance of younger fish (i.e., Age 2, Age 3, and Age 4 fish). The truncated distributions differed from more recent results collected between 2005 and 2011. The 2012 sample was most similar to results of 2002 to 2004.

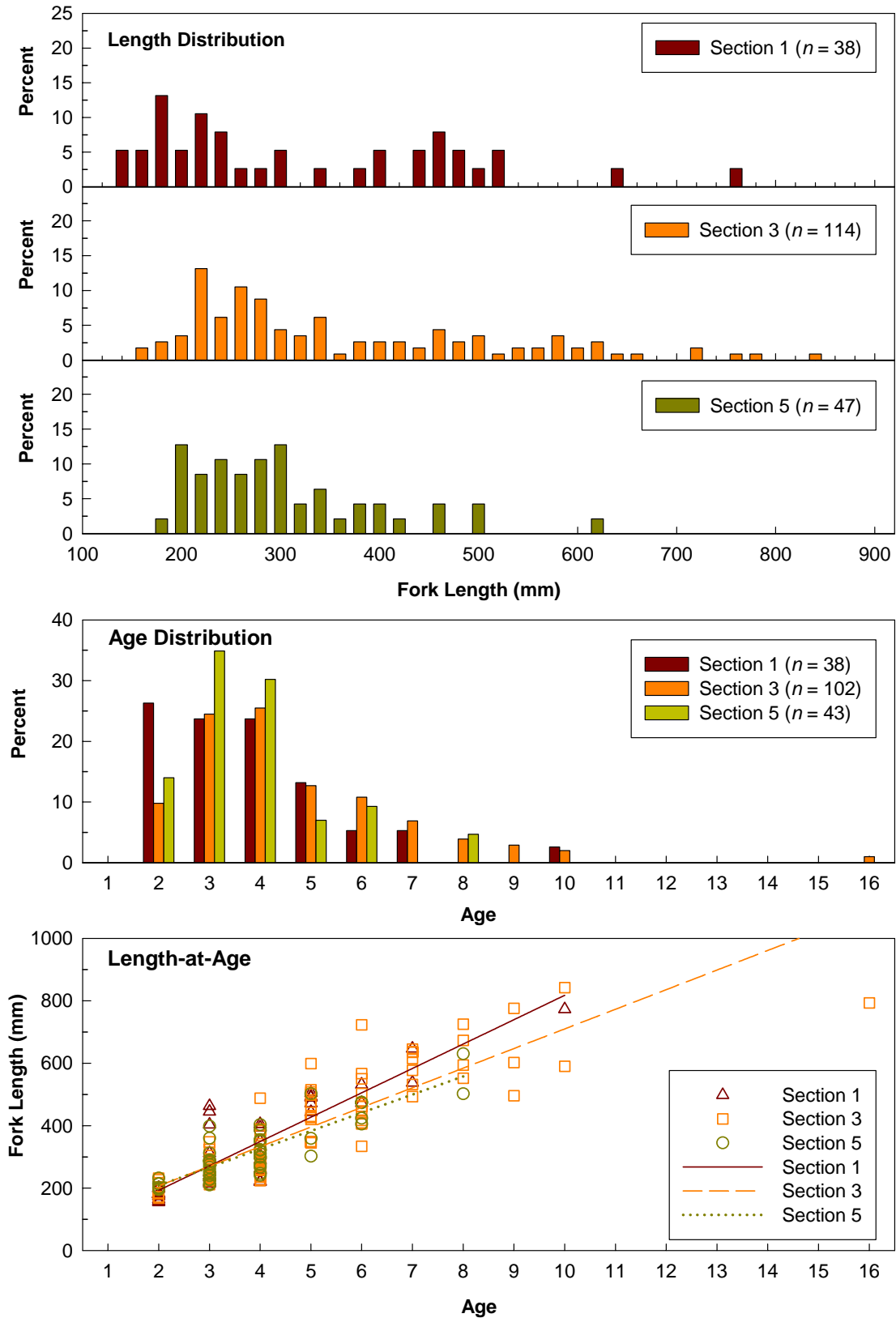


Figure 3.15 Length and age distributions and length-at-age relationships of sampled Bull Trout, 2012 Peace River Fish Index Project.

Table 3.7 Mean length-at-age of sampled Bull Trout, 2012 Peace River Fish Index Project.

Age	Section 1		Section 3		Section 5	
	<i>n</i>	Mean Fork Length (± SE)	<i>n</i>	Mean Fork Length (± SE)	<i>n</i>	Mean Fork Length (± SE)
0						
1						
2	10	177.7 ± 4.78	10	198.3 ± 6.99	6	209.2 ± 5.44
3	9	309.3 ± 33.69	25	258.9 ± 6.51	15	272.9 ± 13.62
4	9	300.8 ± 23.02	26	302.0 ± 11.84	13	313.6 ± 13.91
5	5	480.8 ± 10.61	13	440.5 ± 22.16	3	387.7 ± 59.49
6	2	502.5 ± 29.50	11	479.8 ± 31.59	4	444.3 ± 17.61
7	2	592.5 ± 54.50	7	590.6 ± 22.27		
8			4	636.0 ± 38.85	2	566.0 ± 64.00
9			3	624.7 ± 81.62		
10	1	773.0	2	716.0 ± 126.00		
11						
12						
13						
14						
15						
16			1	793.0		

Table 3.8 Mean body condition (*K*) of sampled Bull Trout, 2012 Peace River Fish Index Project.

Age	Section 1		Section 3		Section 5	
	<i>n</i>	Mean Body Condition (± SE)	<i>n</i>	Mean Body Condition (± SE)	<i>n</i>	Mean Body Condition (± SE)
0						
1						
2	8	1.07 ± 0.05	6	1.04 ± 0.04	5	1.06 ± 0.03
3	3	1.14 ± 0.08	16	1.04 ± 0.03	10	1.04 ± 0.02
4	6	1.13 ± 0.03	19	1.03 ± 0.02	11	1.05 ± 0.03
5	2	1.20 ± 0.04	9	1.01 ± 0.02	1	0.93
6			6	1.03 ± 0.02	3	1.05 ± 0.09
7	2	1.20 ± 0.12	2	1.32 ± 0.08		
8			2	1.08 ± 0.01	2	1.14 ± 0.09
9			1	1.17		
10			1	1.07		
11						
12						
13						
14						
15						
16			1	1.14		

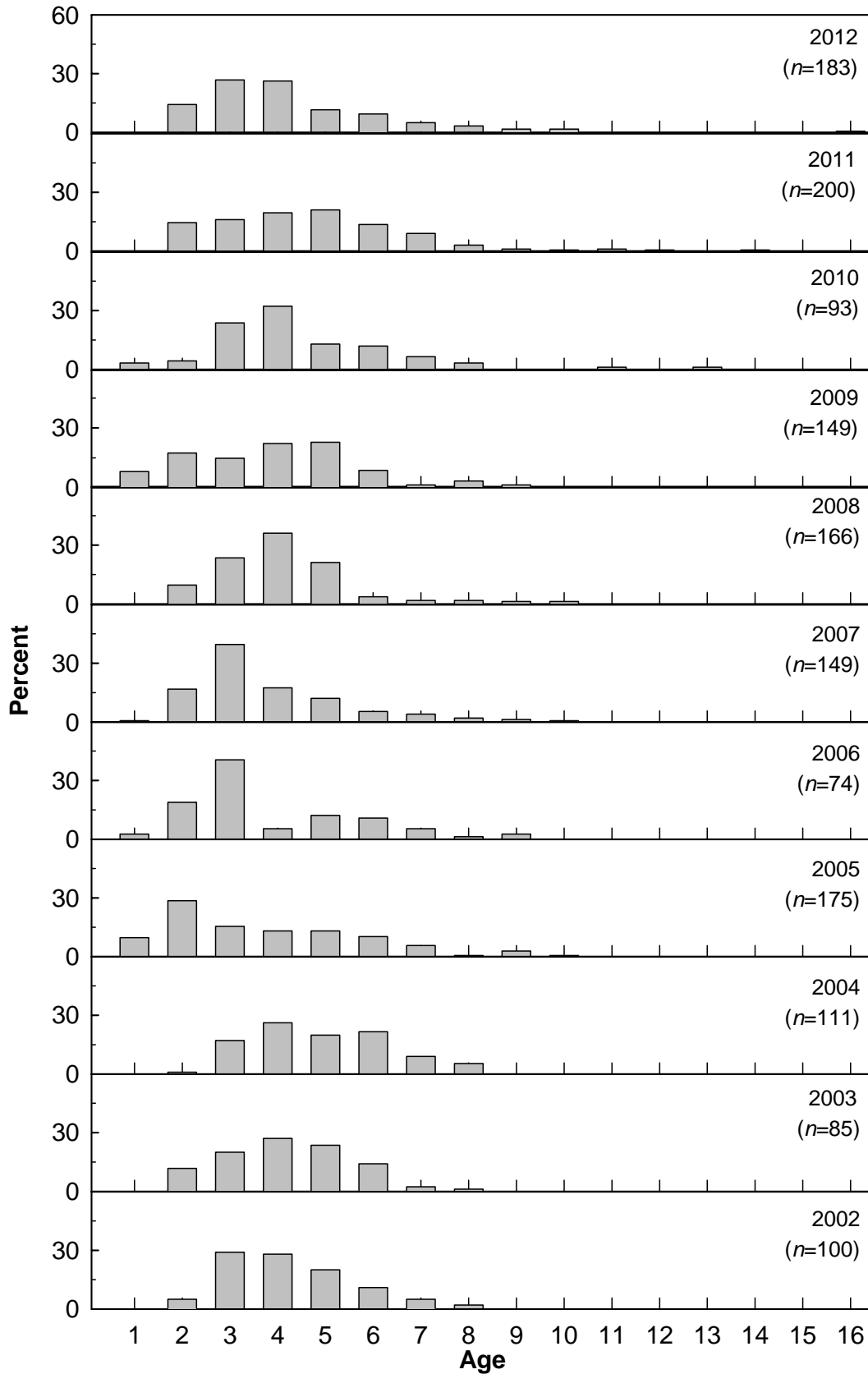


Figure 3.16 Age distributions of Bull Trout sampled during the Peace River Fish Index Project, 2002 to 2012 (data for all sections combined).

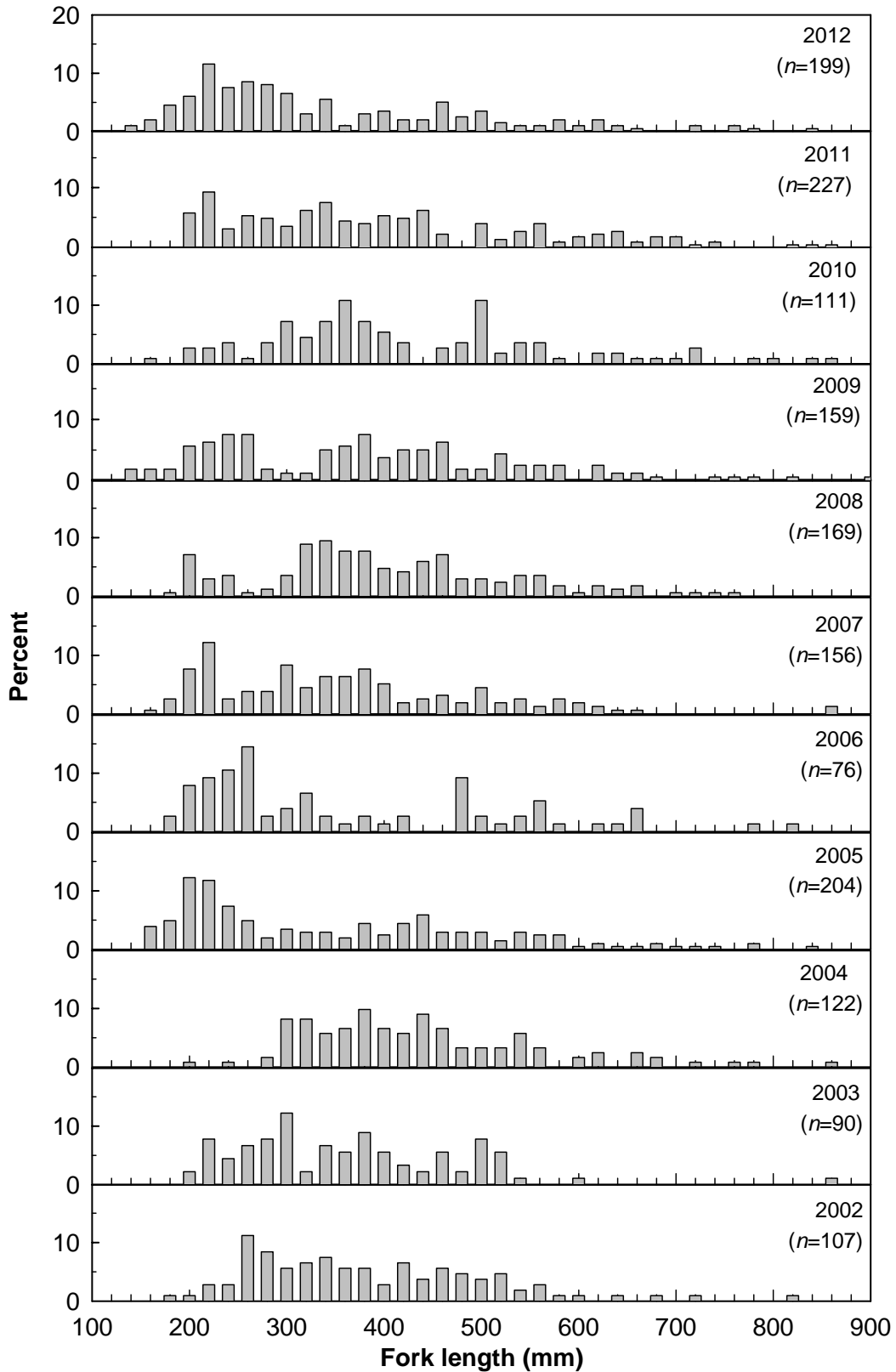


Figure 3.17 Length distributions of Bull Trout sampled during the Peace River Fish Index Project, 2002 to 2012 (data for all sections combined).

Annual growth rates of subadult fish (Ages 2 to 6) were compared using age-length slopes (Figure 3.18). Annual growth of subadult fish has been approximately 75 mm per year. In 2012, Bull Trout growth rate was 74.5 mm per year.

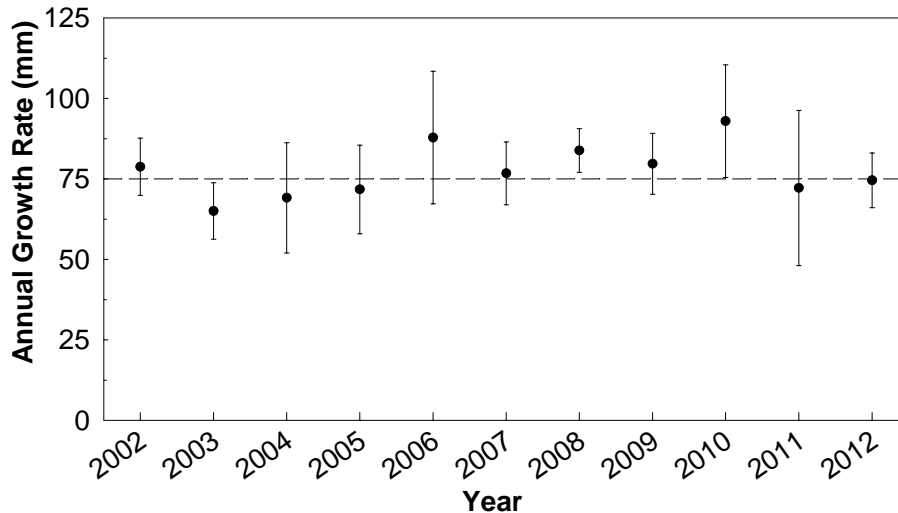


Figure 3.18 Growth rates of Bull Trout sampled during the Peace River Fish Index Project, 2002 to 2012 (analyses based on mean length-at-age; restricted to subadults [Age 2 to Age 6]; data from all sections combined).

Partitioning growth by length-at-age indicated that 2012 estimates were below the long term average for the seven ages for which data were available (Figure 3.19). Five were significantly different from the long-term average based on 95% confidence intervals. Three estimates were the lowest on record (Ages 2, 4, and 6) and two approached the lowest on record (Ages 3 and 8).

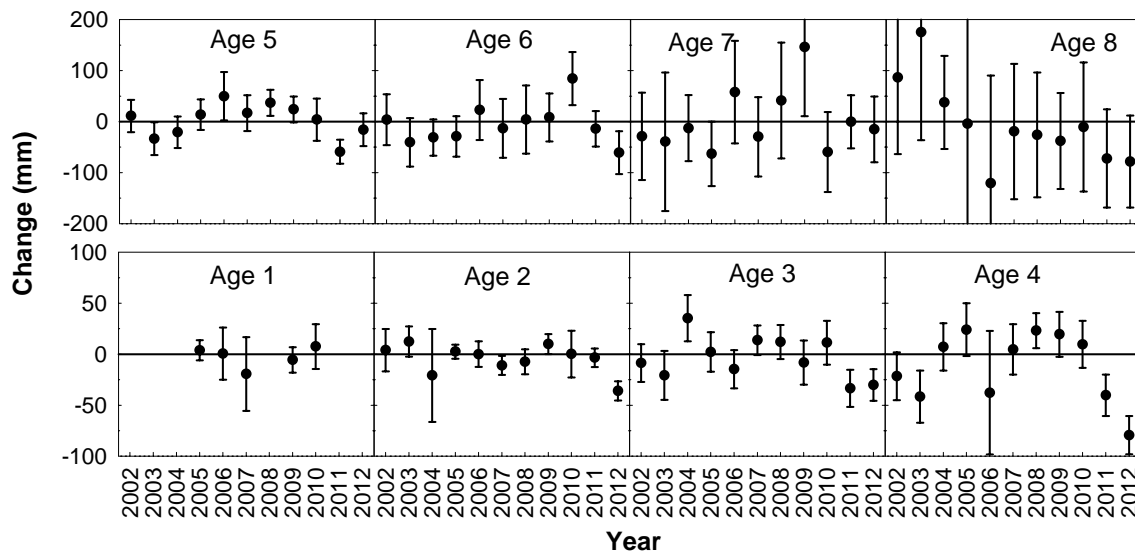


Figure 3.19 Change in mean length-at-age of Bull Trout sampled during the Peace River Fish Index Project, 2002 to 2012 (data from all sections combined; lines are 95% confidence intervals).

In contrast to length-at-age, only minor differences between years were recorded for estimates of body condition-at-age (Figure 3.20). The 2012 sample population did not differ from previous samples and few estimates were below the long-term average.

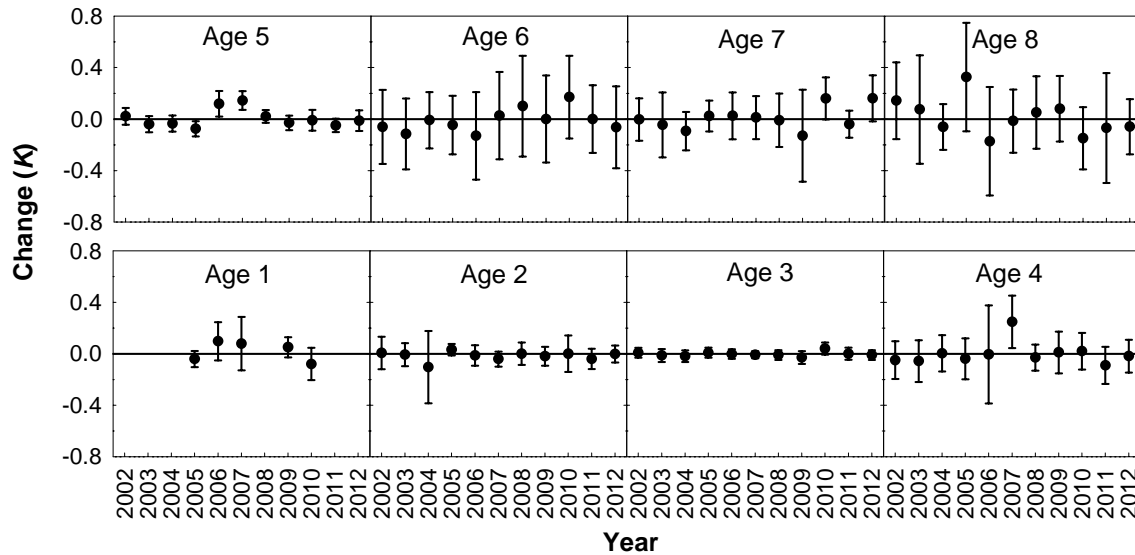


Figure 3.20 Mean body condition-at-age of Bull Trout sampled during the Peace River Fish Index Project, 2002 to 2012 (all sections combined; lines are 95% confidence intervals).

Mortality

Inspection of the catch curve for Bull Trout (all years and sections combined) indicates that the fish become fully vulnerable at Age 3 (Figure 3.21). The apparent annual mortality was 41%. As for the population age structure, the results should be interpreted with caution because of the scarcity of adult fish during the study period.

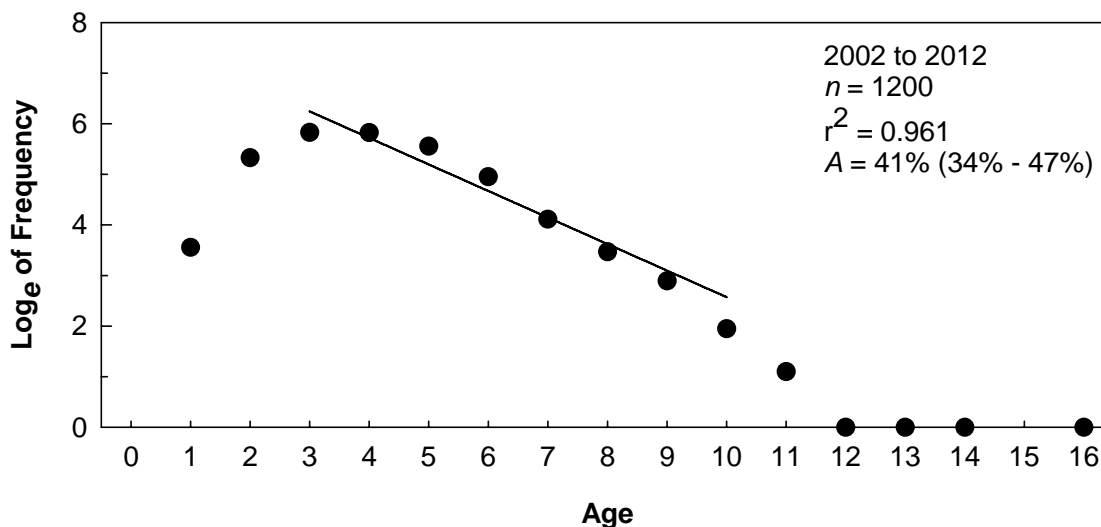


Figure 3.21 Catch curve annual mortality of Bull Trout sampled during the Peace River Fish Index Project, 2002 to 2012 (combined data from 2002 to 2012; percentages in brackets represent 95% confidence intervals).

3.4.2 Catch Rate

Spatial Comparisons

Bull Trout mean catch rates were low in all three sections (≤ 1.2 fish/km) (Figure 3.22). Catch rates tended to be highest in Section 3, intermediate in Section 1, and lowest in Section 5. Bull Trout catch rates were higher in SFC compared to SFN habitat types in all three sections.

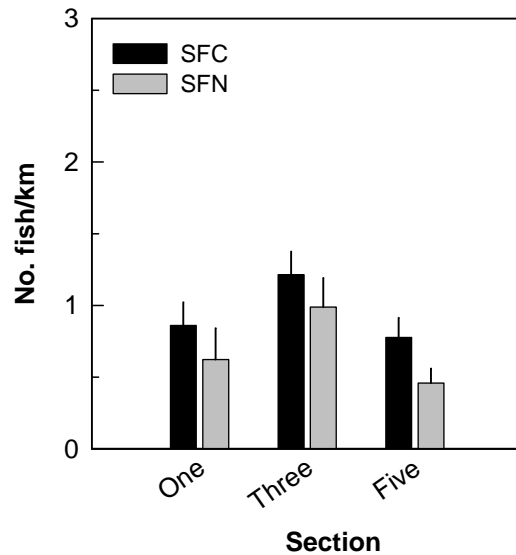


Figure 3.22 Mean catch rates of Bull Trout stratified by section and habitat type, 2012 Peace River Fish Index Project (vertical lines represent standard error; see Table 2.1 for sample sizes and Table 2.2 for definitions of habitat type).

Annual Comparisons

Bull Trout catch rates have been consistently below < 2.00 fish/km in all sections during all sample years (Figure 3.23). In Section 1, the 2012 mean catch rate was similar to that of 2011 (0.76 fish/km versus 0.75 fish per km). In Sections 3 and 5, 2012 mean catch rates were lower than mean catch rates recorded in 2011 (1.11 fish/km versus 1.79 fish per km and 0.63 fish/km versus 0.94 fish per km, respectively). The results represent the abundance of subadult fish and may not accurately reflect the abundance of adult Bull Trout because these fish were predicted to be in spawning tributaries at the time of the field program.

3.4.3 Recruitment

Age 3 Bull Trout were recorded in each section during all years of the study when sampling occurred, but the recruitment index was at or below 1.5 fish/km (Figure 3.24). Recruitment of this age class has varied annually in Sections 1 and 5, but has been relatively stable in Section 3. The annual trend of Bull Trout recruitment is consistent among sections. The recruitment index gradually increased from 2004 to 2007, declined between 2007 and 2010, and then increased in 2011 and 2012.

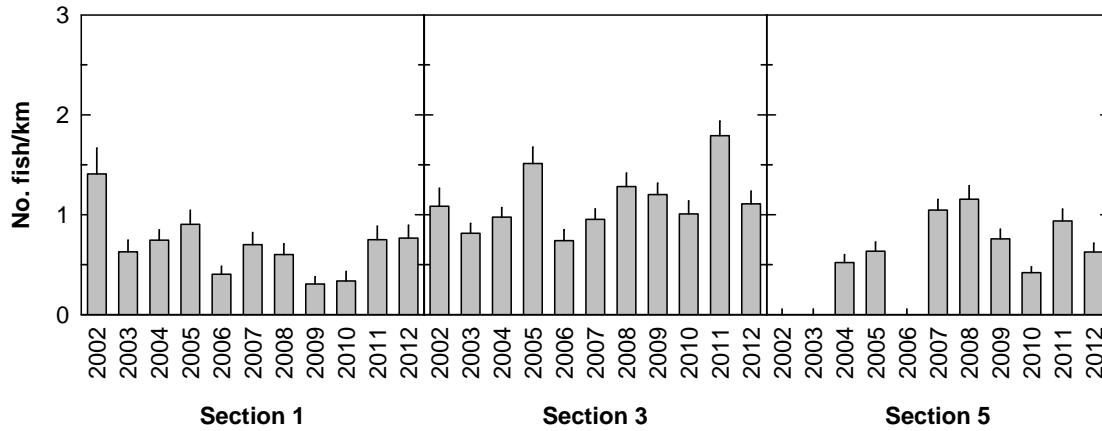


Figure 3.23 Mean catch rates of Bull Trout during the Peace River Fish Index Project, 2002 to 2012 (based on combined weighted means and standard errors for SFC and SFN habitats; vertical lines represent standard errors; Section 5 not sampled in 2002, 2003, and 2006).

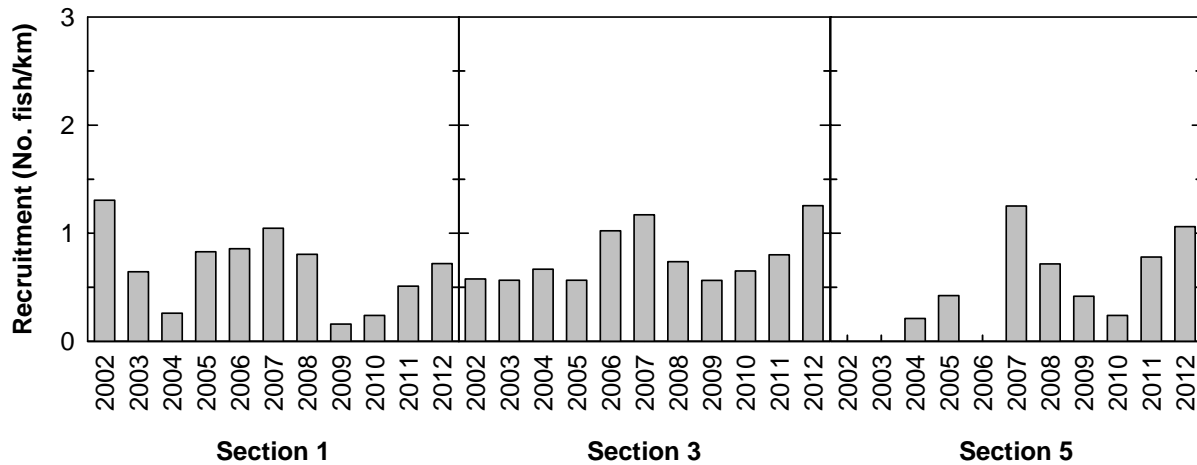


Figure 3.24 Recruitment index of Age 3 Bull Trout in Sections 1, 3, and 5 during the Peace River Fish Index Project, 2002 to 2012 (see Section 2.2.5 for definition of age groups; Section 5 not sampled in 2002, 2003, and 2006).

3.5 MOUNTAIN WHITEFISH

3.5.1 Biological Characteristics

In total, 8,820 Mountain Whitefish fish were available for analyses. Fork lengths ranged from 113 mm to 485 mm with ages ranging from Age 1 to Age 11. A random sample of 554 Mountain Whitefish was aged for biological characteristics analyses (5.4% of the total). Numbers of aged Mountain Whitefish were as follows – 199 from Section 1, 201 from Section 3, and 154 from Section 5

Spatial Comparisons

A comparison of length and age distributions of Mountain Whitefish indicated that there were spatial differences in sampled populations (Figure 3.25). All three samples exhibited a truncated length

distribution with a large modal peak -- 280 mm in Section 1, 330 in Section 3, and 320 in Section 5. A smaller secondary modal peak was recorded in Sections 3 and 5 (200 mm in Section 3 and 180 in Section 5). This pattern was not demonstrated by the age distribution. Age 4 and Age 5 fish dominated in each section (47% to 53% of sample).

There were apparent differences between sections in Mountain Whitefish growth (Figure 3.25; Table 3.9). Higher growth rate of older fish was recorded in Sections 3 and 5 compared to Section 1. Visual examination of growth curves and length-at-age results suggested spatial differences in growth. Younger fish (< Age 4) tended to be larger in Section 1 compared to those in Sections 3 and 5, and the reverse was true for older fish. Differences in length-at-age also suggest a lower growth rate of sampled Mountain Whitefish in Section 1 compared to Sections 3 and 5. This pattern was similar to results recorded during previous studies.

Table 3.9 Mean length-at-age of sampled Mountain Whitefish, 2012 Peace River Fish Index Project.

Age	Section 1		Section 3		Section 5	
	<i>n</i>	Mean Fork Length (± SE)	<i>n</i>	Mean Fork Length (± SE)	<i>n</i>	Mean Fork Length (± SE)
0						
1			5	153.8 ± 2.99	3	163.0 ± 5.77
2	9	219.6 ± 7.02	15	205.7 ± 2.68	12	203.3 ± 4.42
3	29	249.1 ± 3.64	31	236.7 ± 3.90	19	242.2 ± 6.50
4	73	277.7 ± 2.21	62	272.4 ± 1.95	42	276.1 ± 2.95
5	32	295.4 ± 3.30	50	299.8 ± 3.08	31	294.8 ± 4.18
6	30	315.5 ± 3.54	19	322.9 ± 4.84	21	324.2 ± 5.39
7	10	336.9 ± 6.87	7	349.6 ± 9.61	13	350.8 ± 6.66
8	6	336.3 ± 5.99	4	356.8 ± 11.14	6	380.5 ± 8.10
9	3	345.7 ± 2.96	6	382.3 ± 13.68	4	390.0 ± 15.72
10	4	372.5 ± 18.75	1	407.0	2	417.0 ± 40.00
11	3	393.7 ± 25.75	1	447.0	1	424.0
12						
13						
14						
15						

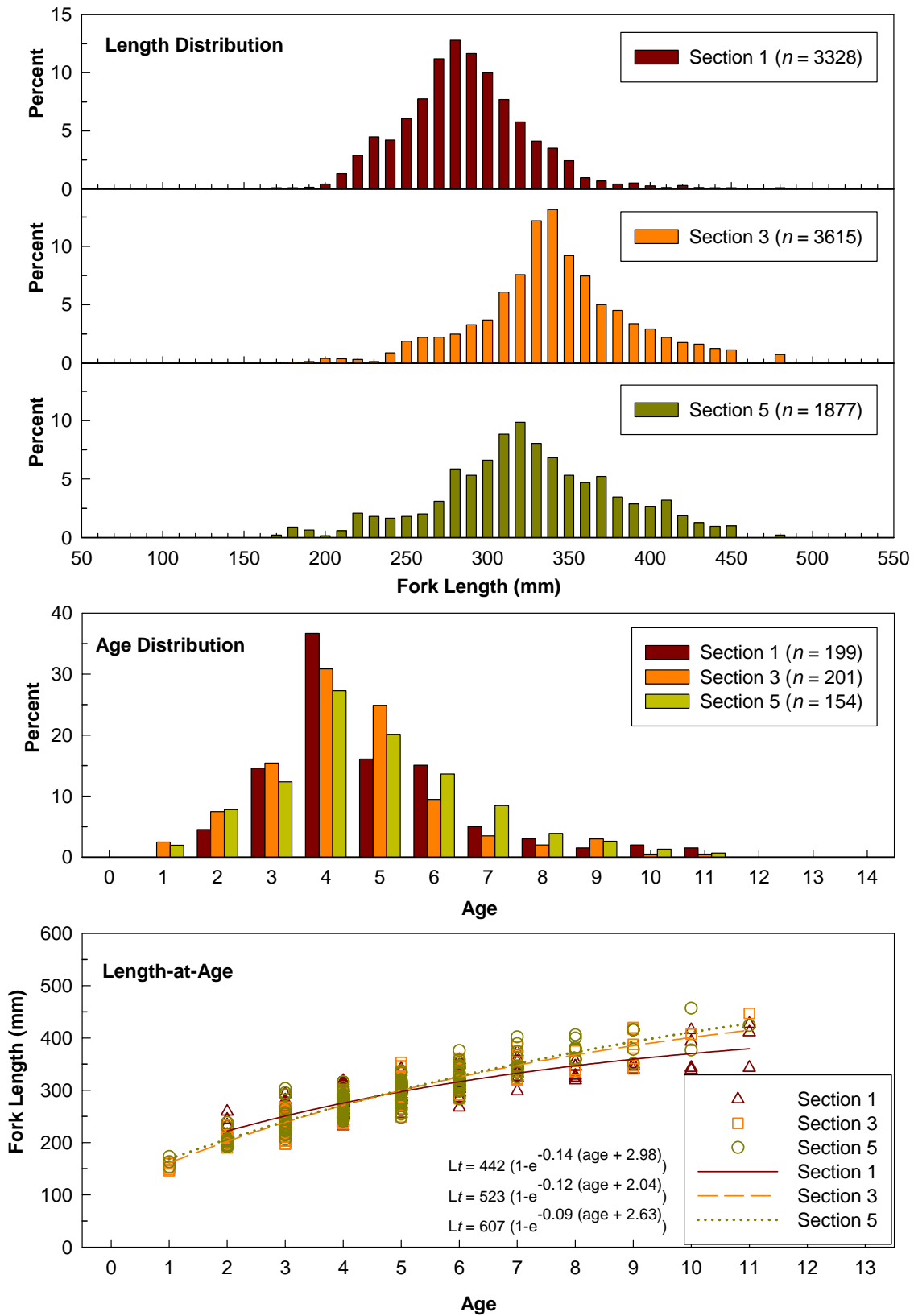


Figure 3.25 Length and age distributions and length-at-age relationships of sampled Mountain Whitefish, 2012 Peace River Fish Index Project.

The body condition-at-age results did not suggest large spatial differences in growth (Table 3.10).

Table 3.10 Mean body condition (K) of sampled Mountain Whitefish, 2012
Peace River Fish Index Project.

Age	Section 1		Section 3		Section 5	
	n	Mean Body Condition (\pm SE)	n	Mean Body Condition (\pm SE)	n	Mean Body Condition (\pm SE)
0						
1			5	1.07 \pm 0.03	2	1.19 \pm 0.04
2	9	1.12 \pm 0.03	15	1.13 \pm 0.02	12	1.16 \pm 0.02
3	29	1.10 \pm 0.02	30	1.11 \pm 0.01	17	1.05 \pm 0.02
4	73	1.12 \pm 0.01	61	1.05 \pm 0.01	38	1.08 \pm 0.02
5	31	1.09 \pm 0.02	49	1.01 \pm 0.02	28	1.06 \pm 0.03
6	29	1.01 \pm 0.02	19	0.96 \pm 0.02	19	0.99 \pm 0.02
7	10	0.95 \pm 0.03	7	0.86 \pm 0.02	12	0.93 \pm 0.02
8	6	0.99 \pm 0.04	4	0.90 \pm 0.03	5	0.94 \pm 0.03
9	3	1.04 \pm 0.03	6	0.86 \pm 0.03	4	0.91 \pm 0.02
10	3	0.95 \pm 0.05	1	0.79	2	0.84 \pm 0.11
11	3	1.00 \pm 0.08	1	0.87	1	0.87
12						
13						
14						
15						

Annual Comparisons

Age and length distributions within each section generally remained stable between 2002 and 2012 (Figure 3.26 and 3.27). Age and length distributions of sample populations in 2012 were similar to those recorded in 2010 and 2011. Section 1 age and length distributions were primarily unimodal and exhibited weak contributions of younger fish (\leq Age 1) and rapid declines in the percentage of fish older than Age 7. Prior to 2010, younger and older fish were well represented in Section 3 and Section 5. Since 2010, there has been a shift towards a population structure similar to that of Section 1. The similarity among the three sections that began in 2010 continued in 2012.

Comparisons of Mountain Whitefish growth curves indicated changes over time (Figure 3.28). In 2012, growth curves of sample populations in all three sections were similar to results of 2010 and 2011 – growth curves were below those recorded from 2002 to 2010. Comparisons of 2012 anabolic constant estimates to 2011 indicated a slight decrease in Sections 1 and 5 and a slight increase in Section 3 (Figure 3.29). The changes were not significantly different based on 95% confidence intervals.

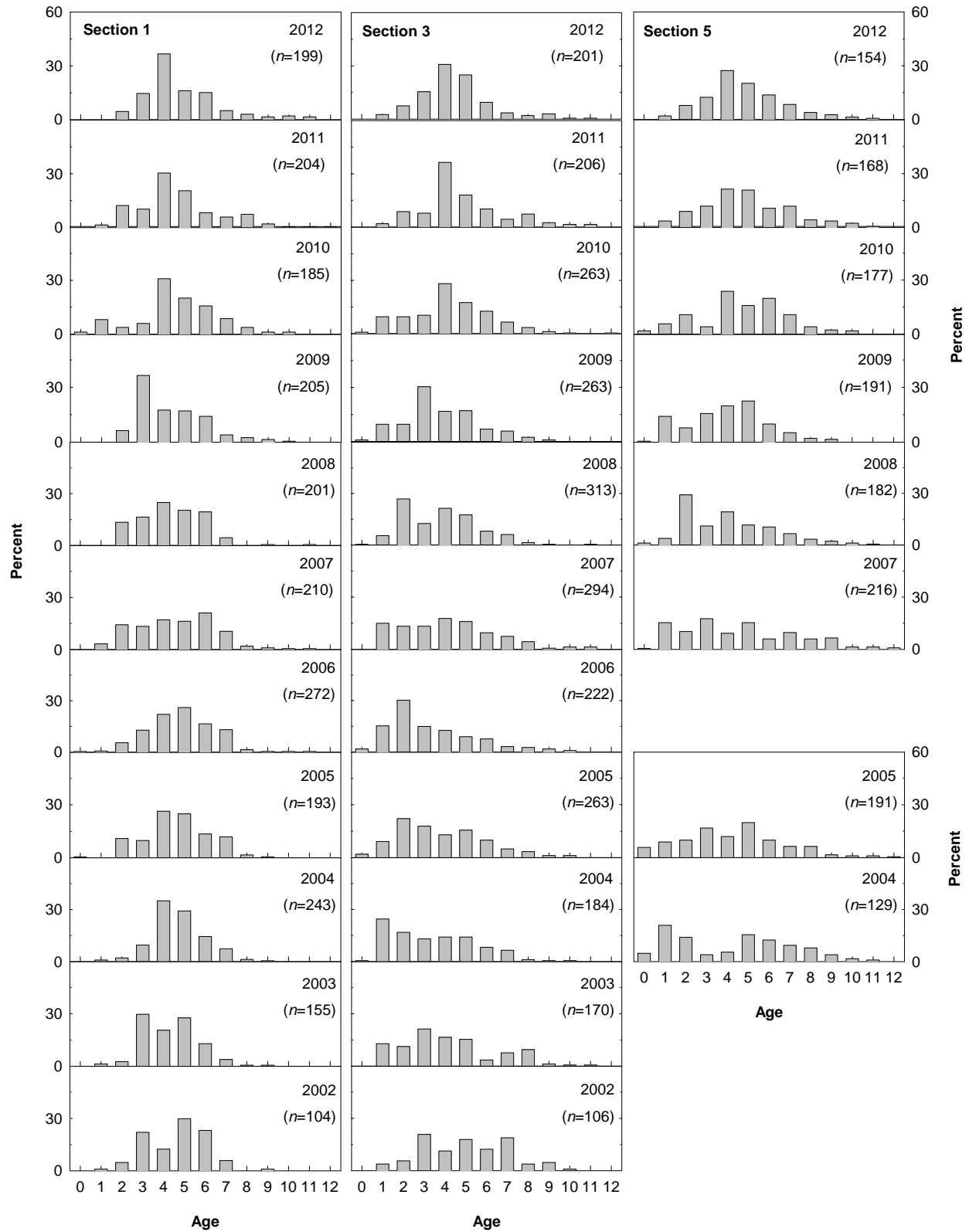


Figure 3.26 Age distributions of Mountain Whitefish sampled during the Peace River Fish Index Project, 2002 to 2012.

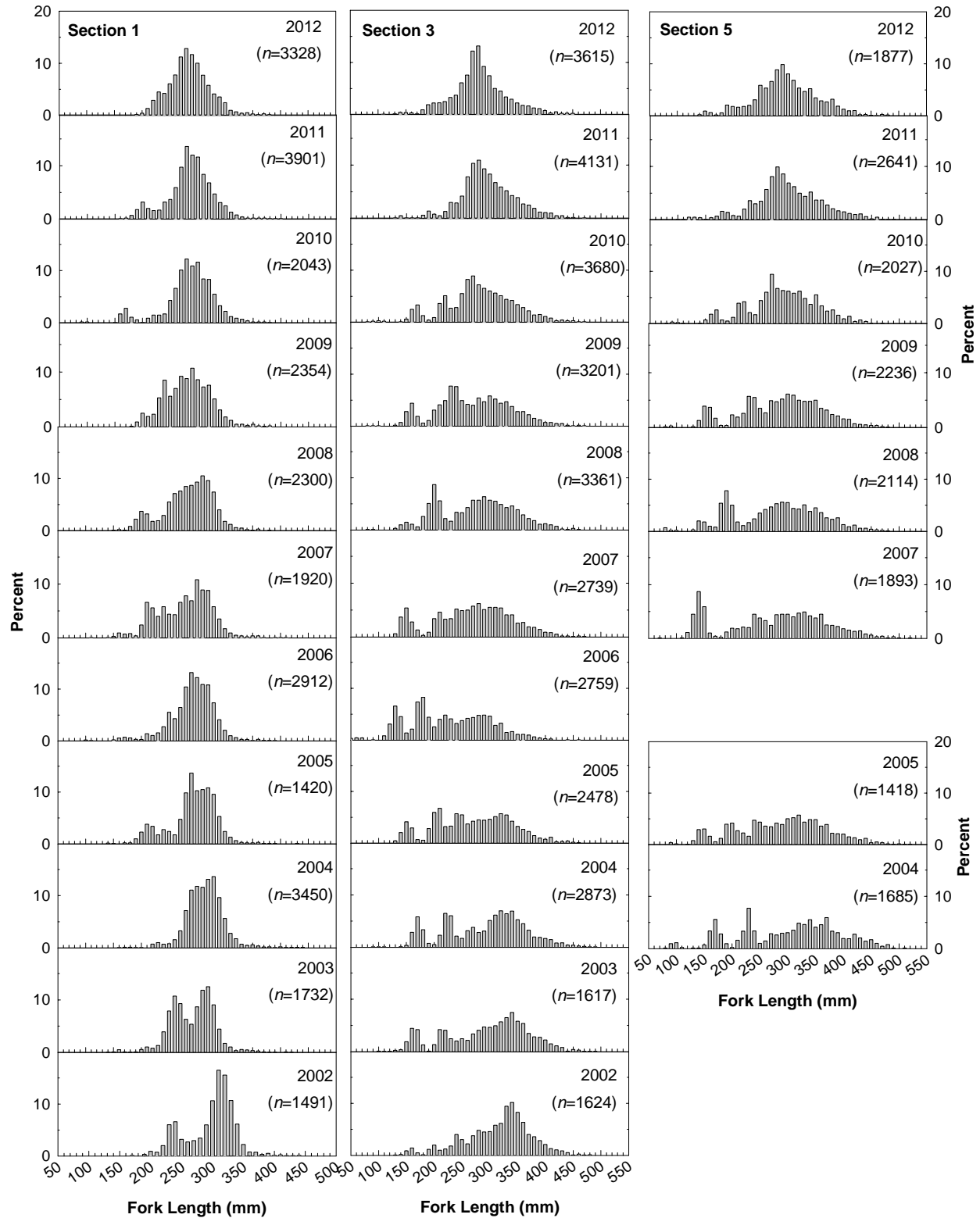


Figure 3.27 Length distributions of Mountain Whitefish sampled during the Peace River Fish Index Project, 2002 to 2012.

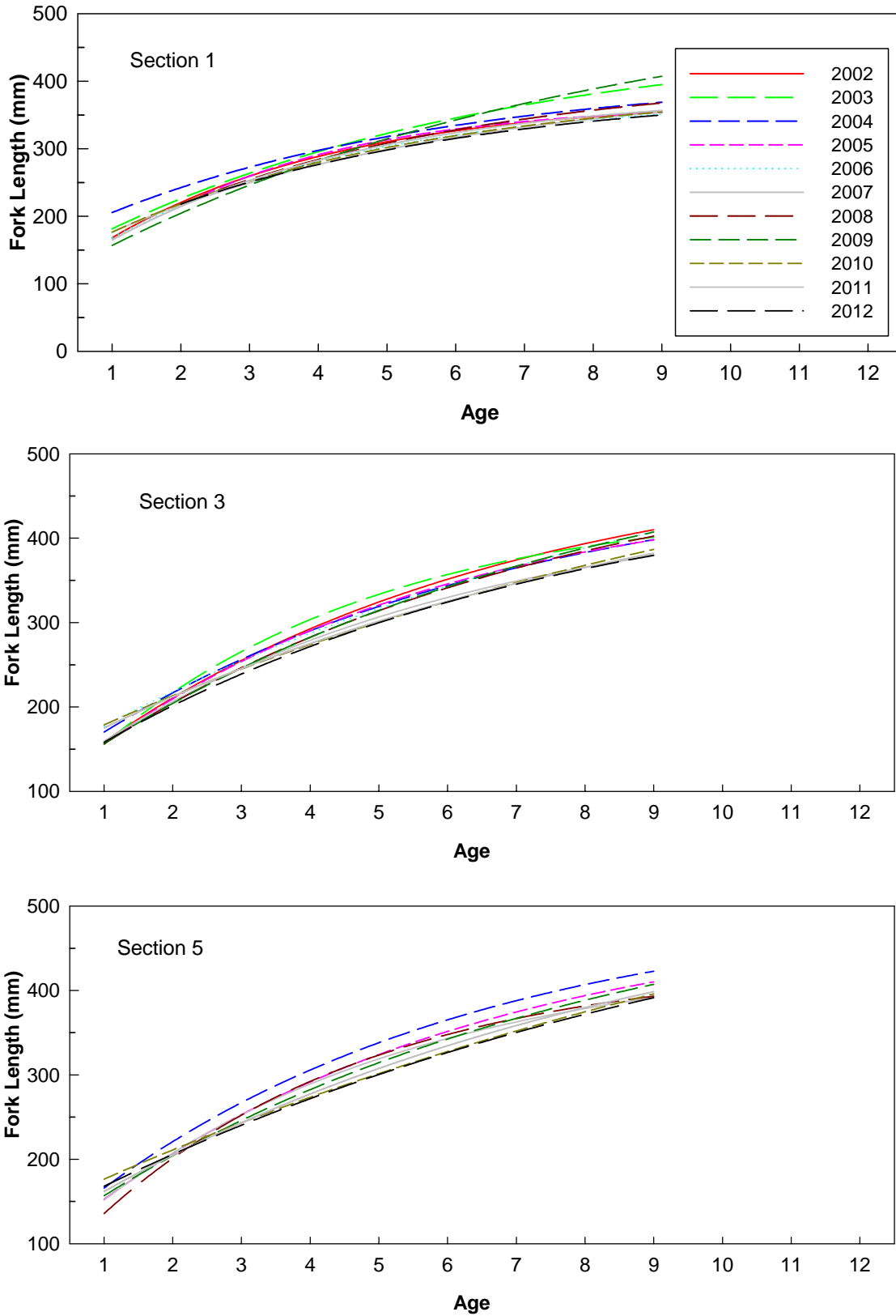


Figure 3.28 Comparisons of growth curves of Mountain Whitefish sampled during the Peace River Fish Index Project, 2002 to 2012 (growth curves restricted to Ages 1 to 9).

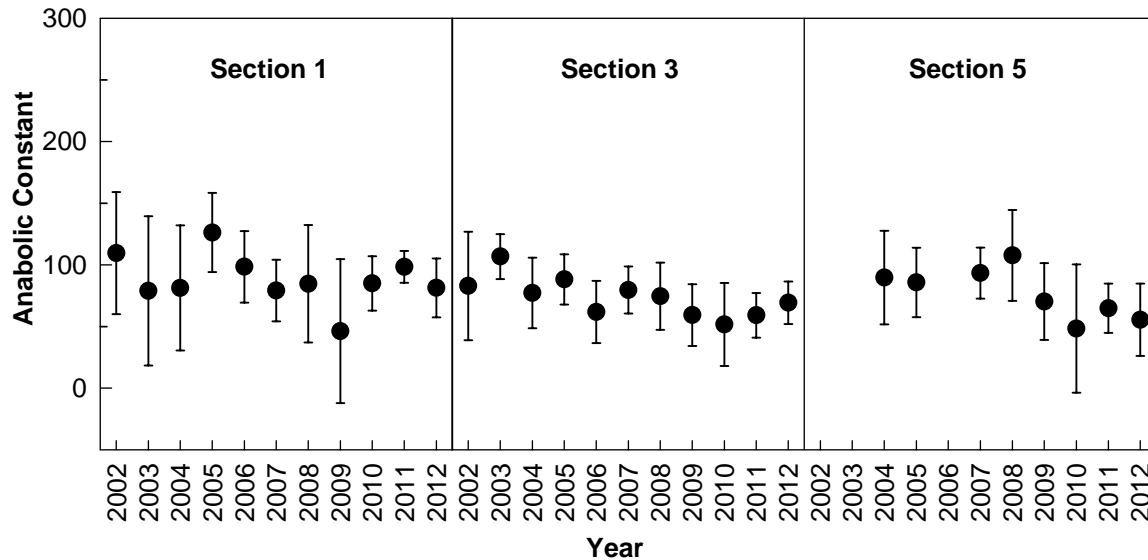


Figure 3.29 Anabolic constants of Mountain Whitefish sampled during the Peace River Fish Index Project, 2002 to 2012 (analyses restricted to Ages 1 to 9; vertical lines represent 95% confidence intervals).

Partitioning Mountain Whitefish growth by age indicated a decline in 2012 (Figure 3.30). In all three sections, most ages exhibited lower growth when compared to the long term average. Exceptions included Age 2 and Age 7 in Section 1, and Age 1 in Section 5. The majority were significantly lower than the long term average based on the 95% confidence intervals. Despite the decline in growth compared to the long term average, most estimates were similar to and were not significantly different from 2011 values.

Mountain Whitefish body condition-at-age estimates and associated 95% confidence intervals also indicated a decline. Most 2012 estimates were below the long term value (Figure 3.31). Exceptions included Age 2 and Age 3 fish in Section 3 and Age 1 and Age 2 fish in Section 5. The majority were significantly lower than the long term average based on the 95% confidence intervals. Despite the decline in body condition most estimates were similar to and were not significantly different from 2011 values.

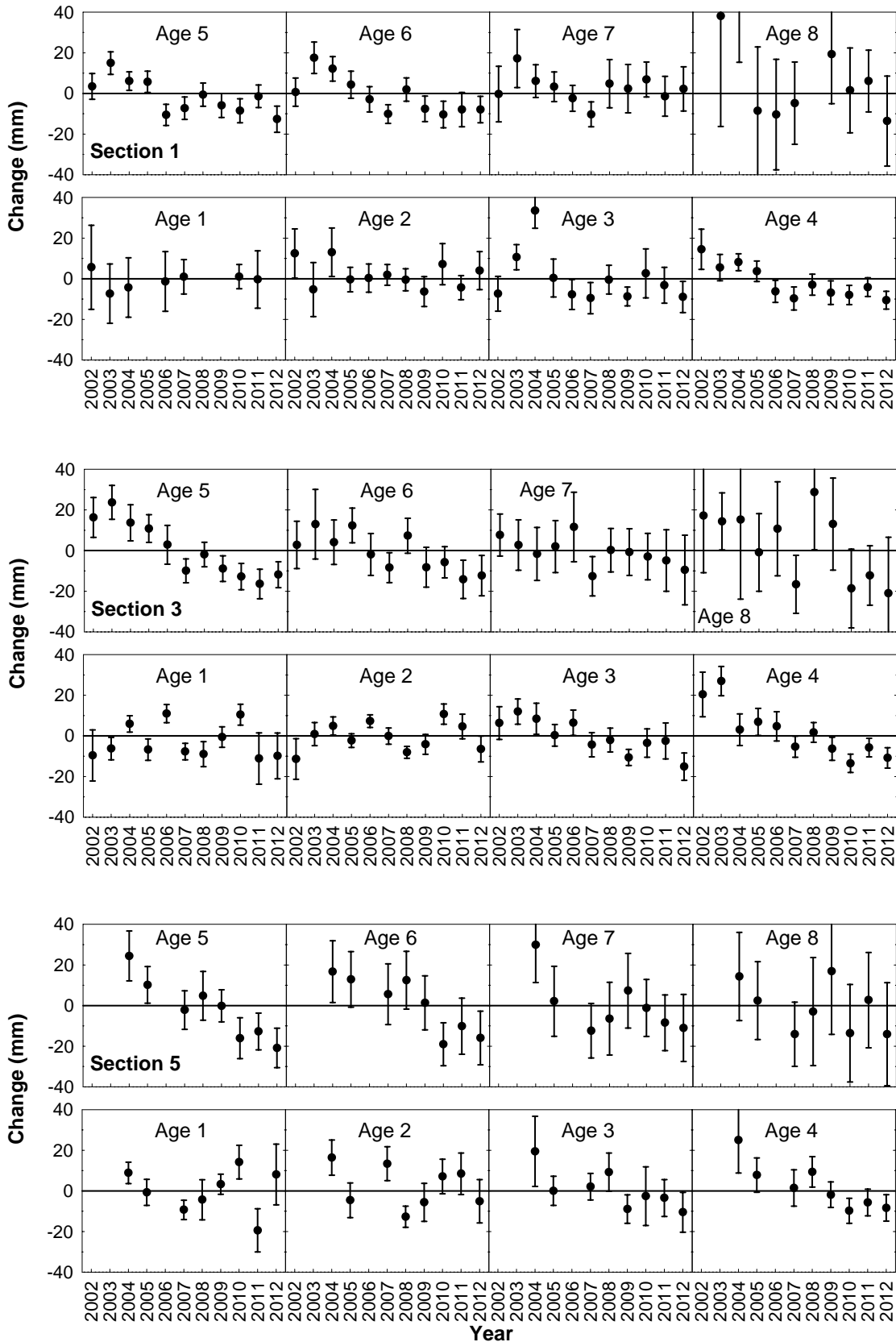


Figure 3.30 Change in mean length-at-age of Mountain Whitefish during the Peace River Fish Index Project, 2002 to 2012 (vertical lines are 95% confidence intervals).

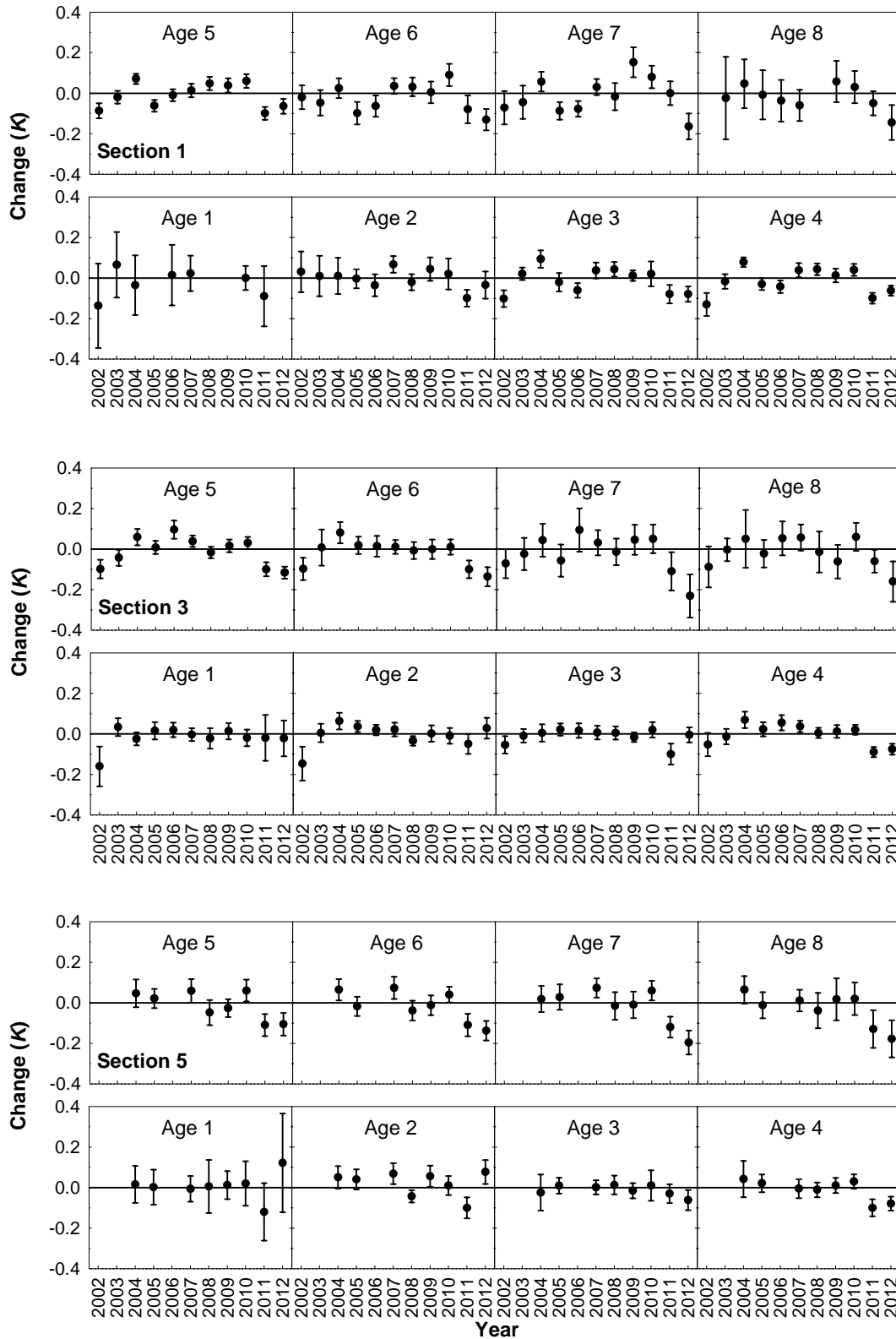


Figure 3.31 Change in mean body condition-at-age of Mountain Whitefish during the Peace River Fish Index Project, 2002 to 2012 (vertical lines are 95% confidence intervals).

Mortality

The catch curve of Mountain Whitefish in each section indicated that fish were fully recruited at Age 1 (Sections 3 and 5) or Age 3 (Section 1), but the downward trend in catch did not commence until Age 5 (Figure 3.32). The apparent annual mortality was highest in Section 1 (53%), intermediate in Section 3 (44%), and lowest in Section 5 (40%). Based on 95% confidence intervals, annual mortality in Section 1 was significantly higher compared to Section 5.

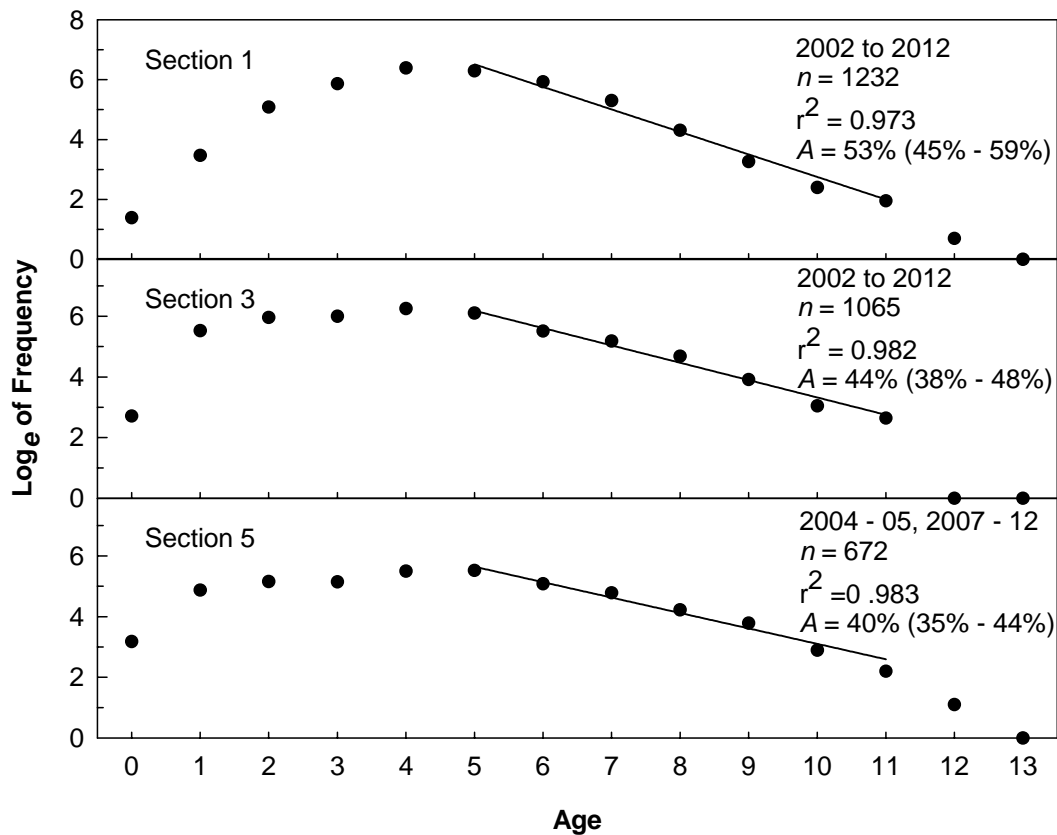


Figure 3.32 Catch curve annual mortality of Mountain Whitefish sampled during the Peace River Fish Index Project, 2002 to 2012 (combined data from 2002 to 2012; percentages in brackets represent 95% confidence intervals).

3.5.2 Catch Rate

Spatial Comparisons

Average catch rates of Mountain Whitefish were high in all sections (values ranged from 30 fish/km to 87 fish/km). There were differences between sections and between habitats within each section (Figure 3.33). Highest catch rates were recorded in Section 1, intermediate catch rates were recorded in Section 3, and lowest catch rates were recorded in Section 5. In each section, mean catch rates were higher in SFN habitats compared to mean catch rates in SFC habitat. The greatest difference occurred in Section 1 (86.6 fish/km versus 59.2 fish/km, respectively).

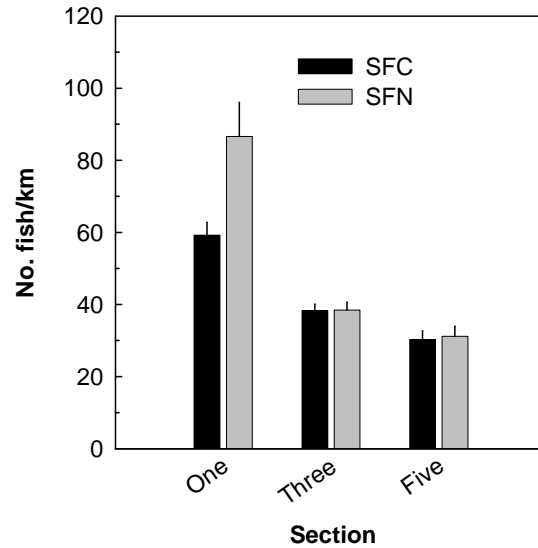


Figure 3.33 Mean catch rates of Mountain Whitefish stratified by section and habitat type, 2012 Peace River Fish Index Project (vertical lines represent standard error; see Table 2.1 for sample sizes and Table 2.2 for definitions of habitat type).

Annual Comparisons

Average catch rates of Mountain Whitefish were high in all sections (> 20 fish/km) (Figure 3.34). Although high, the 2012 catch rates were lower than those recorded in 2011, which was a year with the highest recorded Mountain Whitefish numbers since the start of the Peace River Index Project. The magnitude of the decline differed between sections. In Section 1, Mountain Whitefish catch rates decreased from 76 fish per km in 2011 to 70 fish per km in 2012 (7.9% decline). The magnitude of the decline was higher in Section 3 and Section 5. Catch rates decreased from 51 fish per km to 38 fish per km in Section 3 (25.5% decline) and from 44 fish per km to 31 fish per km in Section 5 (29.5% decline).

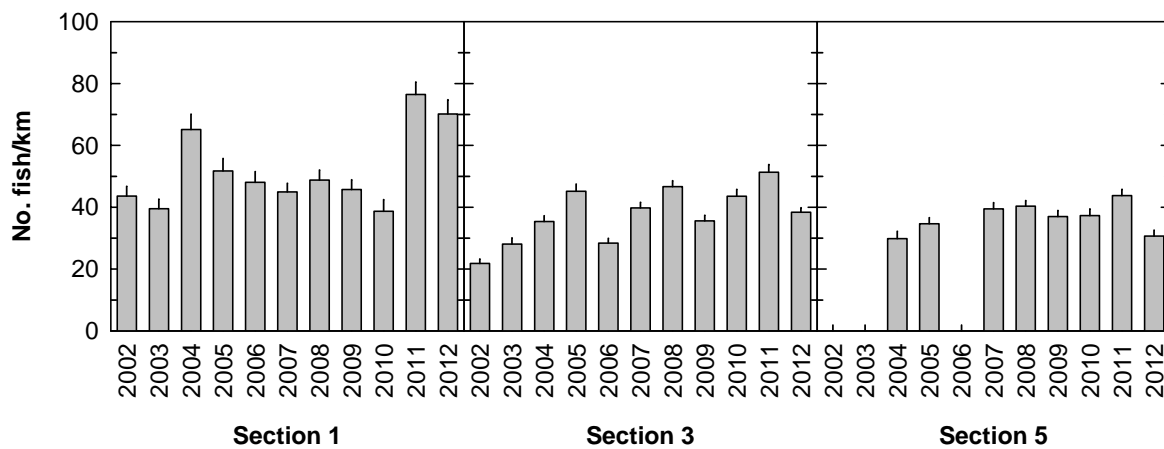


Figure 3.34 Mean catch rates of Mountain Whitefish during the Peace River Fish Index Project, 2002 to 2012 (based on combined weighted means and standard errors for SFC and SFN habitats; vertical lines represent standard errors; Section 5 not sampled in 2002, 2003, and 2006).

3.5.3 Recruitment

Recruitment of Age 1 Mountain Whitefish has varied annually and has differed between sections (Figure 3.35). During most years recruitment indices were much lower in Section 1 compared to Sections 3 and 5. Recruitment indices in 2012 were 0 fish per km in Section 1, 3.5 fish/km in Section 3, and 4.1 fish per km in Section 5. The recruitment indices were the lowest or approached the lowest values recorded in each section since the start of the program in 2002. When compared to 2011, the indices indicated a decline in Mountain Whitefish recruitment in Sections 1 and 5, and a slight increase in recruitment in Section 3.

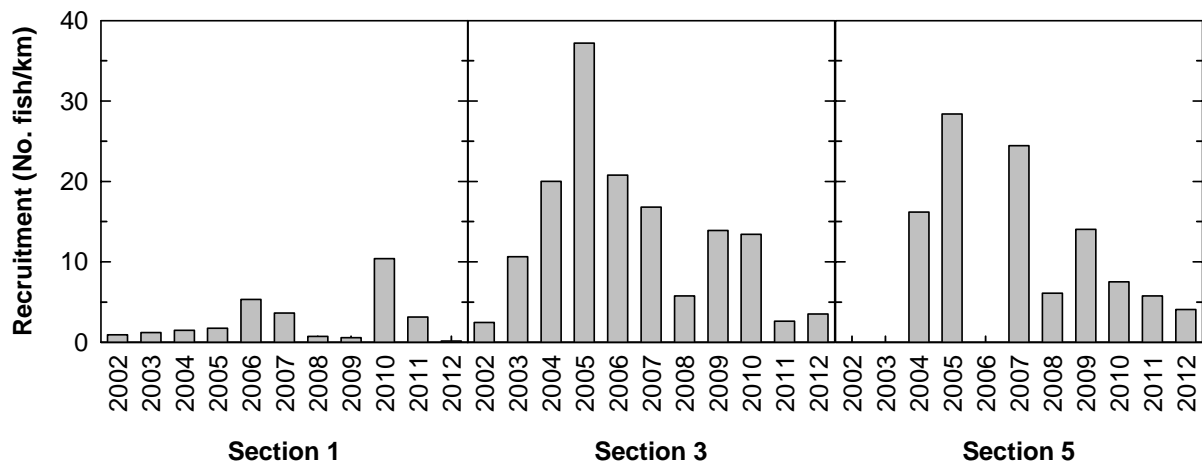


Figure 3.35 Recruitment index of Age 1 Mountain Whitefish in Sections 1, 3, and 5 during the Peace River Fish Index Project, 2002 to 2012 (see Section 2.2.5 for definition of age groups; Section 5 not sampled in 2002, 2003, and 2006).

3.6 POPULATION ESTIMATES

Detailed population estimation results are in Appendix E. A summary of the pertinent results follows.

3.6.1 Mountain Whitefish

Mountain Whitefish had sufficient number of encounters and recaptures of marked fish to evaluate many characteristics that may impact or help to explain the behaviour of population estimates. The recovery rates of tags in 2012 by year of release (2002-2011) were not significantly different for any of the river sections. Consistent with past studies, small fish (250 - 260 mm) appear to be slightly under-represented in the recapture record. However, there was not sufficient power for a significant difference in size of unmarked fish in comparison to the recapture of marked fish to be detected. Examination of multiple recaptures did not provide any evidence of heterogeneous capture probability. Growth over the study period was small (1.2 mm, approximately) but statistically significant. The number of unmarked fish entering the population (≥ 250 mm) through growth during the study period (termed growth recruitment) should be small. Limited growth also allowed length measurement error to be evaluated (standard deviation of 2.6 mm for each measurement). Mountain Whitefish exhibited little movement between river sections and within a section most fish were recaptured at the same site-of-release. The 95% confidence limits of apparent survival for all river sections included 1.0 (i.e., no mortality occurred over the study period).

The evaluation of alternative closed population models using the encounter history of individual fish with consistent sampling intensity through program MARK resulted in the identification of time varying capture probability model as the best fit to the data followed by the constant capture probability model based on AIC. In all sections, the heterogeneous capture probability model provided the poorest fit to the data. Sensible estimates could not be obtained for the behaviour model.

Despite the constant sampling effort, the sample size (marked and unmarked) collected in each sequence exhibited significant variation. The more direct test of time varying catchability using ADMB (Equations 1 to 3) resulted in a slightly better fit with time varying catchability in Sections 1 and 3; however, in Section 5 the constant catchability model fit the data better. In general, the logarithmic population deviation estimates show no apparent trends or large deviations after 10 September when most of the marks are available for capture. Population estimates were very similar (within 7%) regardless of the model (constant catchability or time varying catchability).

The sequential posterior probability plots through the application of the Bayes sequential model for a closed population (the sequential posterior probability plots should stabilize about a common mode if the model assumptions hold) revealed convergent distributions in all sections. Sensitivity analysis through the application of mortality (annual instantaneous rates of 0.2 to 0.6) and undetected mark rate (1 to 5%) had little (< 5% change) impact on the population estimates.

A summary of the 2012 population estimates for the Bayes sequential model are given in Table 3.11. Bar plots of the population estimates for the 2002 to 2012 studies with sections common to 2012 are provided in Figure 3.36. Population estimates from previous studies (prior to 2012) that were deemed to have substantive assumption violations or to measure a different population are labelled in the figure as suspect. In 2004 the population estimates appeared valid; however, very low water likely concentrated the fish from locations that were not sampled in other years. Similarly, the population estimates for 2010 were the largest on record and coincide with a low water level. The population estimates in 2012 were similar to those obtained 2002-2009. The reliability of the 2012 population estimates is discussed below (see 4.4.2 Reliability of Estimates).

Table 3.11 Population estimates by section for Mountain Whitefish, 2012 Peace River Fish Index Project.

Section	Bayesian Mean	MLE	95% Highest Probability Density		Standard Deviation	CV (%)
			Low	High		
One	16,056	15,970	14,530	17,630	790	4.9
Three	8,922	8,890	8,260	9,610	341	3.8
Five	7,045	6,990	6,240	7,890	418	5.9
Total	32,023		30,148	33,898	957	3.0

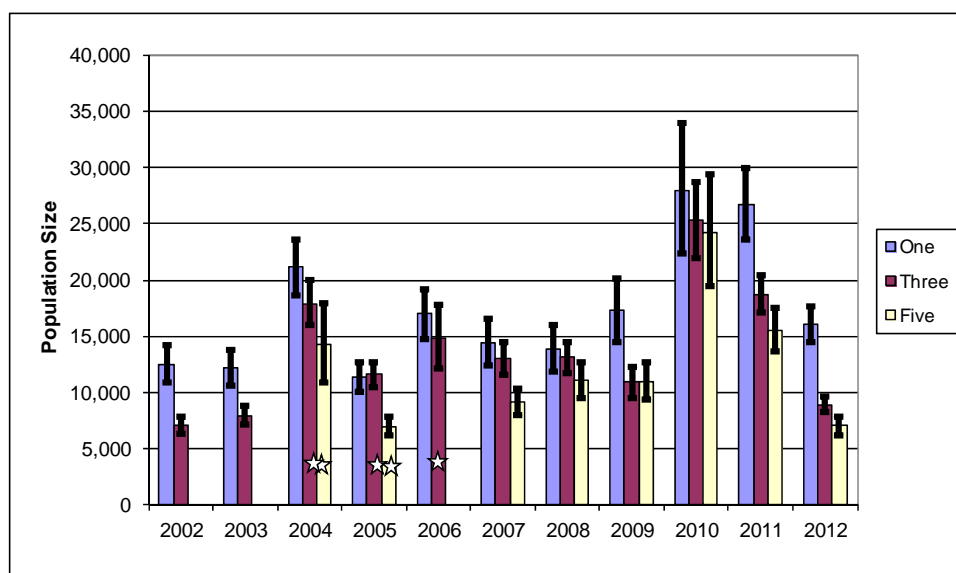


Figure 3.36 Mountain Whitefish population estimates from 2002 to 2012, Peace River Fish Index Project (vertical lines represent 95% confidence intervals; star indicates suspect population estimate).

3.6.2 Arctic Grayling

No Arctic Grayling were recaptured in Sections 1 and 3; thus population estimates were not computed for these sections. A summary of the 2012 population estimates for the Bayes sequential model are given in Table 3.12 for Section 5. Because of sparse recoveries in Section 5, the posterior distribution was highly skewed and mean estimates were unreliable. Construction of minimum population probability curve inferred a 0.95 probability that the population size was at least 64 in Section 5. A bar plot of the historical population estimates of sections common to 2012 are provided in Figure 3.37.

Table 3.12 Population estimate in Section 5 for Arctic Grayling, 2012 Peace River Fish Index Project.

Section	Bayesian Mean	MLE	95% Highest Probability Density		Standard Deviation	CV (%)
			Low	High		
Five	327	89	28	1,038	306	93.5
Total	327	89	28	1,038	306	93.5

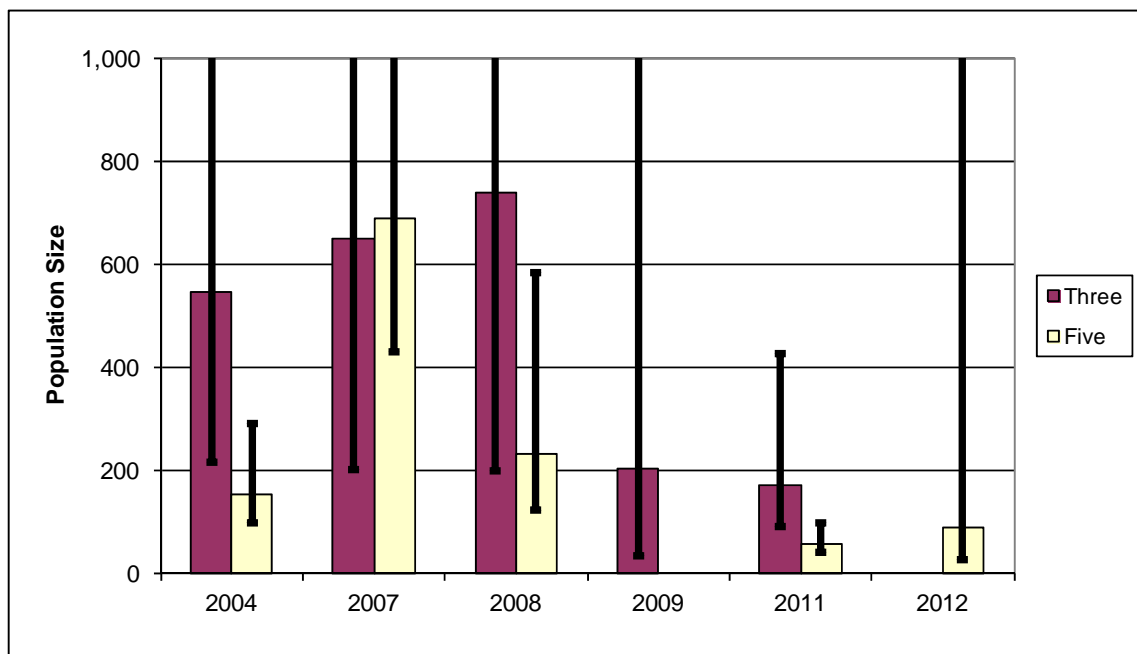


Figure 3.37 Arctic Grayling population estimates by section for 2004, 2007, 2008, 2009, 2011, and 2012, Peace River Fish Index Project (vertical lines represent 95% confidence intervals).

3.6.3 Bull Trout

No Bull Trout were recaptured in Section 1; thus population estimates were not computed for this section. A summary of the 2012 population estimates for Sections 3 and 5 for the Bayes sequential model are given in Table 3.13. A bar plot of the population estimates for the 2002 to 2012 studies with sections common to 2012 is provided in Figure 3.38.

Table 3.13 Population estimates in Sections 3 and 5 for Bull Trout, 2012 Peace River Fish Index Project.

Section	Bayesian Mean	MLE	95% Highest Probability Density		Standard Deviation	CV (%)
			Low	High		
Three	574	420	212	1,092	256	44.6
Five	316	129	45	901	283	89.5
Total	890	659	353	1,595	381	42.9

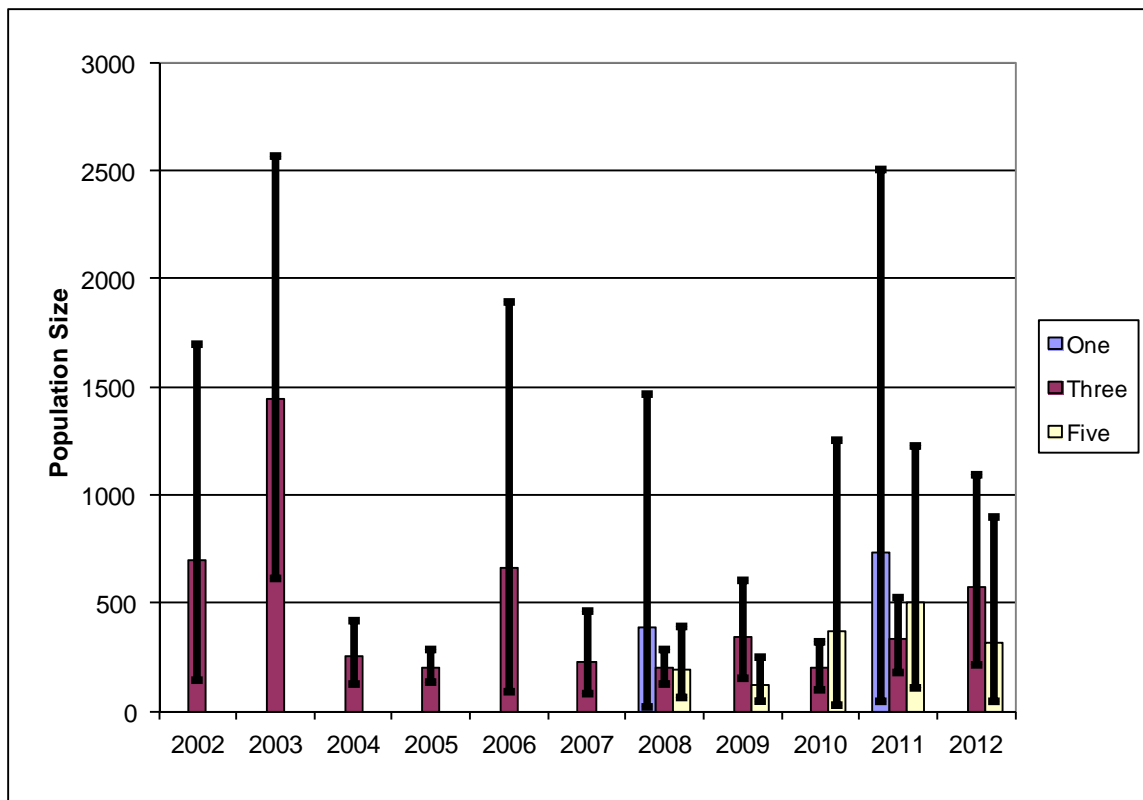


Figure 3.38 Bull Trout population estimates by section from 2002 to 2012, Peace River Fish Index Project (vertical lines represent 95% confidence intervals).

3.7 CATCHABILITY

Mountain Whitefish had sufficient number of recaptures to compute catchability coefficients based on the Bayesian sequential estimates for a closed population. The catchability coefficients and associated population estimates, standard deviation estimates and effort (Equations 9 to 11) by section are listed in Tables 3.14 and 3.15 using effort measured in kilometers traveled or the hours of electrofishing to collect the samples, respectively. Figure 3.39 plots the catchability coefficients using both effort measures and the associated 95% confidence intervals. Note that the coefficients are consistent for all sections within 2012. Conversely, the coefficients for 2012 are the highest on record and are similar to those estimated in 2005.

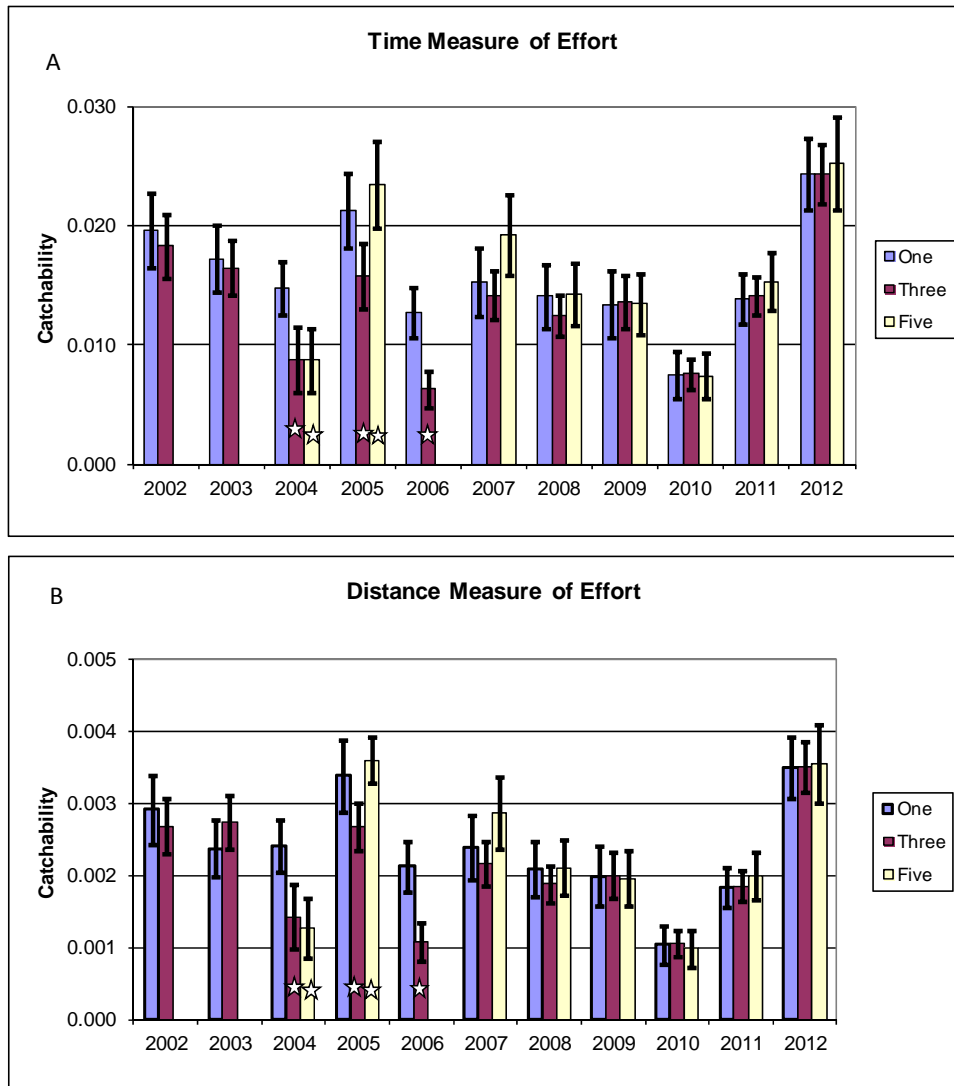


Figure 3.39 Catchability using time (hours – top graph) and distance (km – bottom graph) by section for Mountain Whitefish from 2002 to 2012, Peace River Fish Index Project (vertical lines represent 95% CI; star indicates a suspect population estimate).

Table 3.14 Catchability of Mountain Whitefish by section (effort in kilometres) during the Peace River Fish Index Project, 2002 to 2012.

Statistic	Section					Total
	One	Two	Three	Four	Five	
2002 Study						
Sample	2,845	2,611	2,363	2,105		9,924
Effort	78.13	90.90	124.85	119.34		413.22
Abundance (N)	12,534	10,587	7,066	6,045		36,232
SD(1/N)	5.614E-06	6.493E-06	8.794E-06	1.024E-05		3.998E-06
Catchability (q)	2.905E-03	2.713E-03	2.679E-03	2.918E-03		2.804E-03
SD(q)	2.044E-04	1.865E-04	1.665E-04	1.805E-04		9.602E-05
CV(q)	7.0%	6.9%	6.2%	6.2%		3.4%
2003 Study						
Sample	2,145	1,896	2,546	1,883		8,470
Effort	74.51	86.98	116.80	112.24		390.53
Abundance (N)	12,165	8,911	7,955	7,252		36,283
SD(1/N)	5.876E-06	7.591E-06	7.388E-06	1.039E-05		3.989E-06
Catchability (q)	2.367E-03	2.446E-03	2.740E-03	2.313E-03		2.467E-03
SD(q)	1.692E-04	1.655E-04	1.610E-04	1.743E-04		8.652E-05
CV(q)	7.1%	6.8%	5.9%	7.5%		3.5%
2004 Study						
Sample	3,514		2,972		1,549	8,035
Effort	69.16		116.80		85.18	271.13
Abundance (N)	21,121		17,912		14,409	53,442
SD(1/N)	2.959E-06		7.388E-06		8.969E-06	3.997E-06
Catchability (q)	2.406E-03		1.421E-03		1.262E-03	1.696E-03
SD(q)	1.504E-04		1.880E-04		1.631E-04	1.184E-04
CV(q)	6.2%		13.2%		12.9%	7.0%
2005 Study						
Sample	2,777		3,624		2,132	8,533
Effort	72.34		116.80		85.18	274.32
Abundance (N)	11,370		11,628		6,969	29,967
SD(1/N)	5.496E-06		4.538E-06		9.4737E-06	3.952E-06
Catchability (q)	3.376E-03		2.668E-03		3.592E-03	3.212E-03
SD(q)	2.110E-04		1.408E-04		2.371E-04	1.229E-04
CV(q)	6.2%		5.3%		6.6%	3.8%
2006 Study						
Sample	2,532	2,120	1,887			
Effort	70.39	77.52	117.42			
Abundance (N)	16,973	10,274	14,846			
SD(1/N)	4.112E-06	6.334E-06	6.939E-06			
Catchability (q)	2.119E-03	2.662E-03	1.082E-03			
SD(q)	1.479E-04	1.732E-04	1.115E-04			
CV(q)	7.0%	6.5%	10.3%			

Table 3.14 Concluded.

Statistic	Section					Total
	One	Two	Three	Four	Five	
2007 Study						
Sample	2,565		3,292		2,218	8,075
Effort	74.51		117.22		84.80	276.53
Abundance (N)	14,436		12,985		9,120	36,541
SD(1/N)	5.518E-06		4.663E-06		8.049E-06	3.605E-06
Catchability (q)	2.385E-03		2.163E-03		2.868E-03	2.472E-03
SD(q)	1.900E-04		1.310E-04		2.105E-04	1.053E-04
CV(q)	8.0%		6.1%		7.3%	4.3%
2008 Study						
Sample	2156		2905		1978	7,039
Effort	74.51		118.03		84.98	277.52
Abundance (N)	13,884		13,125		11,053	38,062
SD(1/N)	5.713E-06		4.410E-06		6.983E-06	3.348E-06
Catchability (q)	2.084E-03		1.875E-03		2.106E-03	2.022E-03
SD(q)	1.653E-04		1.085E-04		1.625E-04	8.491E-05
CV(q)	7.9%		5.8%		7.7%	4.2%
2009 Study						
Sample	2555		2575		1825	6,955
Effort	74.51		118.03		84.98	277.52
Abundance (N)	17,253		10,918		10,991	39,162
SD(1/N)	5.058E-06		6.331E-06		7.402E-06	3.658E-06
Catchability (q)	1.988E-03		1.998E-03		1.954E-03	1.980E-03
SD(q)	1.734E-04		1.381E-04		1.590E-04	9.169E-05
CV(q)	8.7%		6.9%		8.1%	4.6%
2010 Study						
Sample	2,102		3,171		2,034	7,307
Effort	72.83		119.46		85.18	277.47
Abundance (N)	27,966		25,285		24,268	77,519
SD(1/N)	3.948E-06		2.804E-06		4.473E-06	2.197E-06
Catchability (q)	1.032E-03		1.050E-03		9.840E-04	1.022E-03
SD(q)	1.140E-04		7.442E-05		1.068E-04	5.787E-05
CV(q)	11.0%		7.1%		10.9%	5.7%
2011 Study						
Sample	3,445		3,902		2,632	9,979
Effort	70.63		112.74		85.10	268.46
Abundance (N)	26,671		18,710		15,542	60,923
SD(1/N)	2.403E-06		2.569E-06		4.381E-06	1.873E-06
Catchability (q)	1.829E-03		1.850E-03		1.990E-03	1.890E-03
SD(q)	1.172E-04		8.893E-05		1.355E-04	6.961E-05
CV(q)	6.4%		4.8%		6.8%	3.7%
2012 Study						
Sample	4,229		3,738		2,125	10,092
Effort	75.44		119.69		85.18	280.31
Abundance (N)	16,056		8,922		7,045	32,023
SD(1/N)	3.274E-06		4.825E-06		9.248E-06	3.644E-06
Catchability (q)	3.491E-03		3.500E-03		3.541E-03	3.511E-03
SD(q)	1.835E-04		1.507E-04		2.307E-04	1.312E-04
CV(q)	5.3%		4.3%		6.5%	3.7%

Table 3.15 Catchability of Mountain Whitefish by section (effort in hours) during the Peace River Fish Index Project, 2002 to 2012.

Statistic	Section					Total
	One	Two	Three	Four	Five	
2002 Study						
Sample	2,845	2,611	2,363	2,105		9,924
Effort	11.58	14.39	18.31	17.59		61.86
Abundance (N)	12,534	10,587	7,066	6,045		36,232
SD(1/N)	5.614E-06	6.493E-06	8.794E-06	1.024E-05		3.998E-06
Catchability (q)	1.960E-02	1.714E-02	1.827E-02	1.980E-02		1.870E-02
SD(q)	1.379E-03	1.178E-03	1.135E-03	1.225E-03		6.414E-04
CV(q)	7.0%	6.9%	6.2%	6.2%		3.4%
2003 Study						
Sample	2,145	1,896	2,546	1,883		8,470
Effort	12.29	15.31	19.49	18.67		65.76
Abundance (N)	12,165	8,911	7,955	7,252		36,283
SD(1/N)	5.876E-06	7.591E-06	7.388E-06	1.039E-05		3.989E-06
Catchability (q)	1.722E-02	1.652E-02	1.642E-02	1.659E-02		1.669E-02
SD(q)	1.231E-03	1.118E-03	9.651E-04	1.249E-03		5.800E-04
CV(q)	7.1%	6.8%	5.9%	7.5%		3.5%
2004 Study						
Sample	3,514		2,972		1,549	8,035
Effort	11.29		18.87		12.35	42.51
Abundance (N)	21,121		17,912		14,409	53,442
SD(1/N)	2.959E-06		7.388E-06		8.969E-06	6.923E-06
Catchability (q)	1.473E-02		8.791E-03		8.708E-03	1.074E-02
SD(q)	9.208E-04		1.163E-03		1.125E-03	1.308E-03
CV(q)	6.2%		13.2%		12.9%	12.2%
2005 Study						
Sample	2,777		3,624		2,132	8,533
Effort	11.49		19.70		13.06	44.26
Abundance (N)	11,370		11,628		6,969	29,967
SD(1/N)	5.496E-06		4.538E-06		9.4737E-06	3.952E-06
Catchability (q)	2.126E-02		1.582E-02		2.342E-02	2.016E-02
SD(q)	1.328E-03		8.347E-04		1.546E-03	7.620E-04
CV(q)	6.2%		5.3%		6.6%	3.8%
2006 Study						
Sample	2,532	2,120	1,887			
Effort	11.75	13.36	20.27			
Abundance (N)	16,973	10,274	14,846			
SD(1/N)	4.112E-06	6.334E-06	6.939E-06			
Catchability (q)	1.270E-02	1.545E-02	6.270E-03			
SD(q)	8.864E-04	1.005E-03	6.459E-04			
CV(q)	7.0%	6.5%	10.3%			

Table 3.15 Concluded.

Statistic	Section					Total
	One	Two	Three	Four	Five	
2007 Study						
Sample	2,565		3,292		2,218	8,075
Effort	11.63		17.89		12.65	42.17
Abundance (N)	14,436		12,985		9,120	36,541
SD(1/N)	5.518E-06		4.663E-06		8.049E-06	3.605E-06
Catchability (q)	1.528E-02		1.417E-02		1.923E-02	1.623E-02
SD(q)	1.217E-03		8.579E-04		1.411E-03	6.904E-04
CV(q)	8.0%		6.1%		7.3%	4.3%
2008 Study						
Sample	2156		2905		1978	7,039
Effort	11.04		17.75		12.59	41.39
Abundance (N)	13,884		13,125		11,053	38,062
SD(1/N)	5.713E-06		4.410E-06		6.983E-06	3.348E-06
Catchability (q)	1.406E-02		1.247E-02		1.422E-02	1.358E-02
SD(q)	1.116E-03		7.215E-04		1.097E-03	5.694E-04
CV(q)	7.9%		5.8%		7.7%	4.2%
2009 Study						
Sample	2555		2575		1825	6,955
Effort	11.06		17.36		12.36	40.78
Abundance (N)	17,253		10,918		10,991	39,162
SD(1/N)	5.058E-06		6.331E-06		7.402E-06	3.658E-06
Catchability (q)	1.339E-02		1.358E-02		1.343E-02	1.347E-02
SD(q)	1.169E-03		9.390E-04		1.093E-03	6.239E-04
CV(q)	8.7%		6.9%		8.1%	4.6%
2010 Study						
Sample	2,102		3,171		2,034	7,307
Effort	10.09		16.65		11.32	38.06
Abundance (N)	27,966		25,285		24,268	77,519
SD(1/N)	3.948E-06		2.804E-06		4.473E-06	2.197E-06
Catchability (q)	7.450E-03		7.532E-03		7.404E-03	7.462E-03
SD(q)	8.227E-04		5.340E-04		8.037E-04	4.219E-04
CV(q)	11.0%		7.1%		10.9%	5.7%
2011 Study						
Sample	3,445		3,902		2,632	9,979
Effort	9.35		14.80		11.06	35.21
Abundance (N)	26,671		18,710		15,542	60,923
SD(1/N)	2.403E-06		2.569E-06		4.381E-06	1.873E-06
Catchability (q)	1.381E-02		1.410E-02		1.532E-02	1.441E-02
SD(q)	8.849E-04		6.776E-04		1.043E-03	5.308E-04
CV(q)	6.4%		4.8%		6.8%	3.7%
2012 Study						
Sample	4,229		3,738		2,125	10,092
Effort	10.83		17.20		11.97	40.00
Abundance (N)	16,056		8,922		7,045	32,023
SD(1/N)	3.274E-06		4.825E-06		9.248E-06	3.644E-06
Catchability (q)	2.433E-02		2.436E-02		2.520E-02	2.463E-02
SD(q)	1.279E-03		1.049E-03		1.642E-03	9.195E-04
CV(q)	5.3%		4.3%		6.5%	3.7%

The relationship between Mountain Whitefish population estimate and catch rate weighted for habitat type of Mountain Whitefish is presented in Figure 3.40. With the exception of 2010, which differed substantially from other results, catchability for Mountain Whitefish was consistent among years and sections. For these data the catchability estimate using distance as the measure of effort was 0.0024 ± 0.0004 (95% confidence intervals).

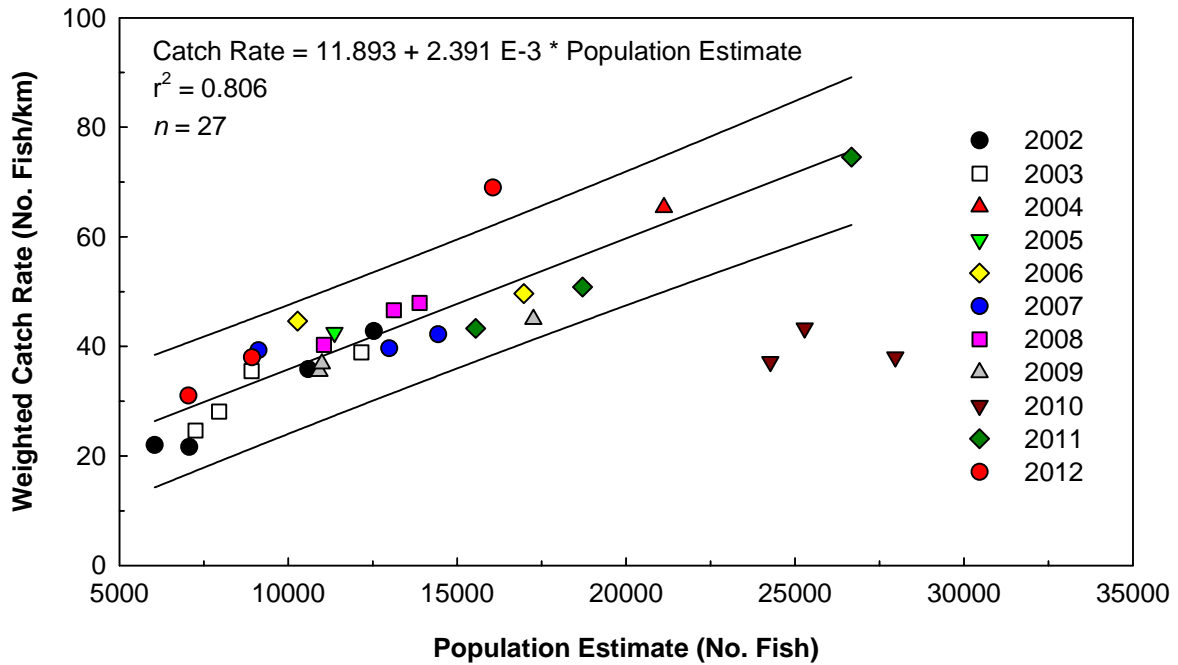


Figure 3.40 Relationship between population estimate and catch rate weighted for habitat of Mountain Whitefish during the Peace River Fish Index Project, 2002 to 2012 (data from 2010 excluded from regression; dashed lines represent 95% prediction intervals; see Section 2.2.7 for selection of data for analysis).

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4.0 DISCUSSION

4.1 SAMPLING CONDITIONS

In 2012, sampling conditions (i.e., discharge, water clarity, and water temperature) did not adversely influence the effectiveness of the field program and were generally similar to conditions recorded during previous studies. Discharge averaged 1,017 m³/s, water clarity exceeded 100 cm during most of the program, and average water temperatures ranged from 10.4°C to 11.9°C. In 2012 average daily PCN Dam discharge was slightly higher than the historical average for the index project (i.e., 2002 to 2011).

4.2 GENERAL CHARACTERISTICS OF THE FISH COMMUNITY

In total, 14,005 fish representing 15 species were recorded in 2012. The species composition and numerical contribution recorded during the present study was similar to results of previous programs. Unique species not typically recorded, but present in the 2012 sample, were Lake Trout, Lake Whitefish, Burbot, and Peamouth, as well as higher numbers of Walleye.

4.3 TARGET SPECIES

4.3.1 Arctic Grayling

Very low numbers of Arctic Grayling were recorded in 2012. In total, 45 Arctic Grayling were sampled for biological characteristics. Similar to results of previous studies, Age 0 fish were not recorded.

Fish from Sections 3 and 5 exhibited similar biological characteristics (too few fish were recorded in Section 1 to allow spatial comparisons). Samples were dominated by Age 2 and Age 3 fish. There were no measurable differences between the sections in terms of length-at-age, body condition-at-age, growth, and apparent annual mortality. The results were generally consistent with previous studies.

There continues to be annual variation in length and age distributions of the Arctic Grayling sample populations, which are usually related to strength of age classes in previous years. Some parameters (i.e., anabolic constants and body condition-at-age) indicated general stability over time in Arctic Grayling population health. Other parameters that included growth curves and length-at-age indicated a decline in Arctic Grayling population health in 2012.

Arctic Grayling catch rates in all three sections were very low in 2012, which is a continuation of low catch rates recorded in 2011. Catch rates approached or were the lowest values on record. The recruitment of Age 1 Arctic Grayling was very low in 2012. Recruitment index values approached or were the lowest on record.

In summary, Arctic Grayling sample populations in all sections have become scarce. Biological data do not show a large shift in population structure that could explain the reduced abundance, but in 2012 there were some indicators of reduced health and the index of recruitment was very low. The decline in Arctic Grayling abundance may reflect natural variation in Arctic Grayling recruitment from Peace River tributaries, a change in Peace River conditions, or a combination of these and other unknown factors. Peace River Arctic grayling encountered by the Peace River Fish Index Project originate primarily from the Moberly River. This system has been subjected to two recent large flow events, one in 2007 and one in 2011 (WSC Station 07FB008 (1980 to 2012)). The flow events caused large-scale disturbance to the channel and loss of large areas of riparian vegetation, which likely resulted in substantial alteration to Arctic Grayling spawning and rearing habitats. The decline of the Peace River Arctic Grayling population abundance may reflect reduced recruitment from the Moberly River resulting from habitat degradation.

4.3.2 Bull Trout

In total, 199 Bull Trout were sampled for biological characteristics. In 2012, length and age distributions of Bull Trout were similar among sections. Fish from Age 2 to 6 dominated and Bull Trout older than Age 7 (adults) were not well represented. Bull Trout population health, in terms of growth and body condition, are similar among sections. Fish grow very quickly and exhibit good body condition.

Age and length distributions of the combined sample (Sections 1, 3, and 5) remained stable across years. Age 1 fish were largely absent. During all sample years, age distributions were dominated by subadults, while adult fish were poorly represented. The scarcity of adult fish from the index sections was likely caused by use of tributaries for spawning during the study period. As such, the results do not reflect the entire age structure of the Peace River Bull Trout population.

Bull Trout catch rates have been consistently below < 2.00 fish/km in all sections during all sample years and there were no strong spatial differences in abundance. In general, catch rates have been lowest in Section 1, intermediate in Section 5, and highest in Section 3. There has been no large change in Bull Trout catch rates for the duration of the index project. Age 3 Bull Trout were recruited into each section during all years of the study, but the recruitment index has generally been < 1.0 fish/km.

4.3.3 Mountain Whitefish

In total, 8,820 Mountain Whitefish were available in 2012 for analyses of biological characteristics. The 2012 results were consistent with previous studies. Prior to 2011, spatial differences in length and age distributions of Mountain Whitefish were recorded. In 2011 and again in 2012, fish in all sections exhibited truncated age and length distributions caused by the preponderance of Age 3 to Age 6 fish. Younger fish (Age 1) and older fish (> Age 6) were much less numerous. Prior to 2011, Mountain Whitefish in Sections 3 and 5 exhibited multi-modal length distributions that represented a wider range of ages. The truncated distributions suggest either the absence of younger and older fish from section populations, or outmigration/mortality of fish prior to initiation of sampling.

There were consistent spatial differences in Mountain Whitefish growth. In Section 1 younger age classes tended to have higher mean lengths, while older age classes had lower mean lengths compared to fish in Sections 3 and 5. This resulted in a lower growth rate by Section 1 fish.

There continues to be small annual variations in Mountain Whitefish age and length distributions based on strengths of younger age classes. In terms of population health, some parameters (i.e., growth curves, length-at-age, and body condition-at-age) indicated a decline in population health. In 2012, growth curves of sample populations in all three sections were similar to results of 2010 and 2011 – growth curves were below those recorded from 2002 to 2010. Mountain Whitefish length-at-age and body condition-at-age in 2011 was below the long term mean for most ages in all sections. This trend continued in 2012.

Mountain Whitefish continue to be abundant in Sections 1, 3, and 5. Catch rates in each section in 2012 were below the very high catch rates recorded in 2011. In Section 1, Mountain Whitefish catch rates decreased from 76 fish per km in 2011 to 70 fish per km in 2012 (7.9% decline). The magnitude of the decline was higher in Section 3 and Section 5. Catch rates decreased from 51 fish per km to 38 fish per km in Section 3 (25.5% decline) and from 44 fish per km to 31 fish per km in Section 5 (29.5% decline).

Annual recruitment of Age 1 Mountain Whitefish has varied spatially. During most years recruitment was lower in Section 1 compared to Sections 3 and 5. The results of the 2012 study indicated a continued decline in Mountain Whitefish recruitment rates in all sections since 2010. The recruitment indices recorded in 2012 were the lowest or approached the lowest values recorded in each section since the start of the program in 2002.

4.4 POPULATION ESTIMATES

The population estimates for mountain whitefish in 2012 were similar to those estimated for 2002-2009 and were approximately 40-60% of those estimated for 2010 and 2011 (see Figure 3.36).

4.4.1 Evaluation of Assumptions

The factors that affect the population estimates can be evaluated through an assessment of assumptions required for the closed sequential stratified population model.

1. *The population is closed, so the population size does not change over the period of the experiment.*

Very few Mountain Whitefish were recaptured in river sections other than the section of release (1.1%, approximately). Moreover, the population estimation model accounts for fish that move under the assumption that all movement is described by the history of recaptured marks. No Arctic Grayling and Bull Trout were observed to move to a different river section. For Mountain Whitefish, growth over the study period was very small; therefore, any growth recruitment (fish becoming larger than 250 mm during the study) was minimal. Mortality was not expected to be an issue because of the short duration of the study and was further supported by the Cormack-Jolly-Seber (CJS, open population) where estimates of survival of marked fish were not significantly different than 1.0 in any of the river sections. Also consistent with the closed population assumption, inspection of the posterior probability plot sequences generated by the Bayes model revealed that all sections were convergent with no marked trend to larger or smaller population sizes. The available evidence supports either a closed population or very small change in the population size over the study period.

2. *All fish in a stratum (day and section), whether marked or unmarked, have the same probability of being caught.*

The study area was stratified into three river sections to account for any differences from marks applied, population size, or spatial catchability. Similarly, the day strata accounted for new marks applied through the study. For Mountain Whitefish, there were no significant differences in capture probabilities by tag type and year of tag application. Moreover, examination of multiple recaptures and evaluation of heterogeneous capture probability models using MARK did not provide any empirical evidence for heterogeneous effects. In Sections 1 and 5, the time varying catchability model provided a slightly better fit (but not significantly, $P > 0.05$) to the data over the constant catchability model based on AIC; however, in Section 5, the constant catchability model fit the data better. The logarithmic population deviation estimates show no conspicuous trends or large deviations with the exception of some estimates

early in the study where the sample size was small. The Bayesian sequential posterior probability plots of population size were consistent with the AIC and deviation evidence. We conclude that neither population size nor catchability of marks changed appreciably over the study period (the factors are confounded). The available evidence supports the assumption.

3. *Fish do not lose their marks over the period of the study.*

Each captured fish was examined for the presence of a scar. No fish had evidence of a tagging scar for fish marked during the 2012 study. A total of 18 Mountain Whitefish had evidence of a tagging scar from fish marked in 2011 and before. No scarred Arctic Grayling or Bull Trout were observed. The impact on the 2012 population estimates from lost marks should be very small.

4. *All marked fish are reported on recovery.*

Only fish brought on board were included in the number of fish examined for a mark; thus, it is unlikely that a marked fish would escape detection.

4.4.2 Reliability of Estimates

The assumptions required to produce population estimates appear to hold for the 2012 study. Unlike some study years (e.g., 2008, 2009) of the Peace River Indexing program, the constant catchability assumption for Mountain Whitefish in 2012 does not appear to be deficient. The foremost issue for the reliability of estimates is the weight each sampling sequence should receive for the estimation of population size. The time varying capture probability model assumes uniform reliability of the capture probability computed for each sequence (White 2006). Similarly, the time varying catchability model developed here employs equal weight for the logarithmic population deviations. The constant catchability model used by the Bayesian algorithm updates the posterior distribution of the previous sequence by the information contained in the current sampling sequence. Gazey and Staley (1986) showed that the sequential mark-recapture experiment can be characterized as a sequential Bayes algorithm updated by the binomial kernel). In other words, if the expected (mean) probability of sampling a marked fish is the fraction of the marked population then the sequential Bayes model weights each sampling sequence by the information contained in the sample regardless of variations in catchability. From a practical perspective, the population estimates were very similar (within 7%) regardless of model (constant capture probability, time varying capture probability, constant catchability, or time varying catchability) or estimation program (MARK, ADMB, or Excel Bayes).

In our opinion, the Bayes population estimates are accurate and are the best available. Moreover, invalidation of the assumption that the catch rate is directly related to abundance requires population estimates under the null hypothesis of constant catchability. The remarkable consistency of the computed catchability coefficients over the three sections in 2012 despite the large differences in the population size speaks to the consistency of the population estimates.

Because there is little movement of fish between the river sections, sampling intensity can be isolated to a section. Figure 4.1 plots the precision as a function of electrofishing effort (hours) for Mountain Whitefish in Section 1. For reference, the 2012 effort expended is also plotted. The plots indicate that an effort reduction in Section 1 may risk substantive loss of power. Future project planning should focus on the addition or removal of sections rather than amend the sampling intensity of a section. For Arctic Grayling and Bull Trout, there was not sufficient data to generate a reliable power curve.

The mark-recapture study for Arctic Grayling was disappointing with only two recaptured fish in Section 5 yielding poor precision (CV = 94%). For Bull Trout, population estimates were available in Sections 3 and 5, but the overall precision was poor (CV = 55%). There was not sufficient data to forecast effort levels needed for reliable population estimates for either species.

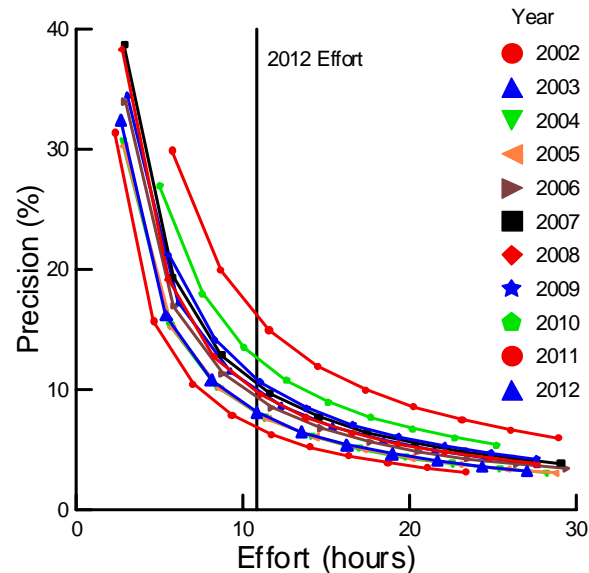


Figure 4.1 Precision (percentage of the mean) of the population estimate of Section 1 at various effort levels for Mountain Whitefish by year during the Peace River Fish Index Project, 2002 to 2012.

4.5 CATCHABILITY

Catchability coefficients were calculated under the assumptions of a closed population and that abundance indices are proportional to the population size. If these assumptions are true then the coefficients should remain constant over study years and river sections. Moreover, three caveats have been developed in past Peace River Indexing Programs for the application of catch rate as an index of abundance for Mountain Whitefish:

1. Sampling protocols (methods, equipment, and approach) must be consistent,
2. Water clarity must remain above 50 cm; and,
3. The target population must remain closed during the sampling period.

The 2012 program complied with the above caveats. The estimated catchability coefficients were consistent across sections within 2012, but anomalously high across years. Given compliance with the above caveats and behaviour of the catchability coefficients, we believe that the biological characteristics of Mountain Whitefish sampled were likely unique for 2012. Figure 4.2 plots the length frequency of Mountain Whitefish (at 5 mm intervals) encountered in the taggable cohort by year (2002 to 2012). In 2012, the 250-300 mm stanzas were sampled with greater frequency and the 300-450 stanzas were sampled with lower frequency than in any other year. It is possible that size differences interact with the electrofishing gear (i.e., smaller fish may have a higher probability of capture). In 2012, Mountain Whitefish growth rate and body condition were lower than in other years. Reduced fish health may have increased the probability of capture.

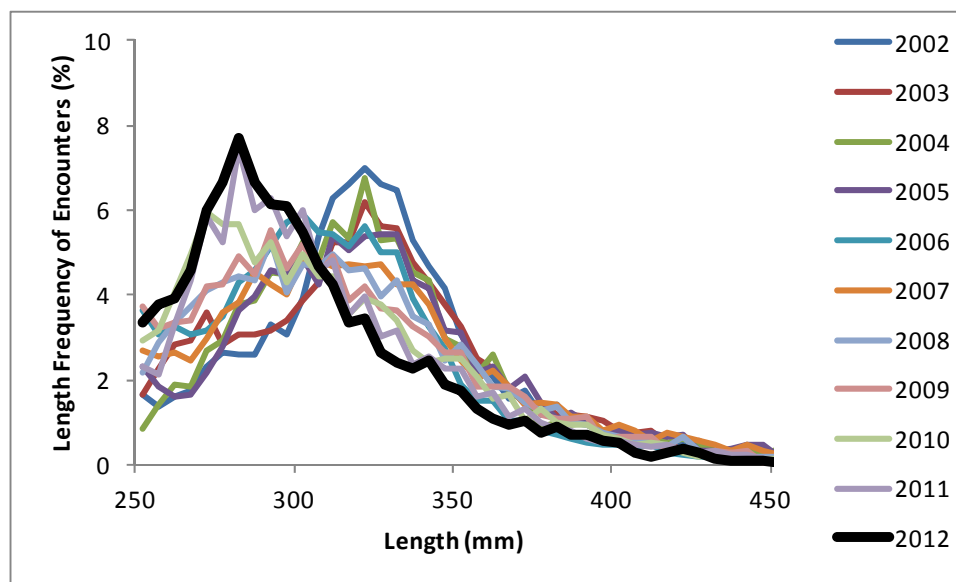


Figure 4.2 Length frequency of Mountain Whitefish encountered (5 mm length increments) by year, during the Peace River Index Project, 2002 to 2012.

The catchability coefficient estimates in 2010 were not consistent with estimates for most other years (see Figure 3.39). The 2010 low catchability coefficients in Sections 1, 3, and 5 were similar to those estimated in 2004 for Sections 3 and 5, and in 2006 for Section 3 (see Figure 3.39). Note that 2004 and 2006 also had the largest population estimates prior to 2010 (see Figure 3.36). High population estimates for those years and sections were deemed either to be unreliable or they represented populations augmented by immigrants. Assuming the occurrence of low water levels, a potential source of immigrants would be dewatered side channels.

Patterns of PCN Dam monthly discharge during each year from 2002 to 2012 support the hypothesis that low water levels cause augmentation of populations (Figure 4.3). PCN Dam discharge during the index project sample period was near minimum flow only in 2004, 2006, and 2010. In 2011, it was near minimum for an extended period immediately preceding the sample period. Therefore, we believe the population estimates for 2010 and other years subjected to low Peace River flows included immigrants from dewatered side channels or from recently dewatered side channels.

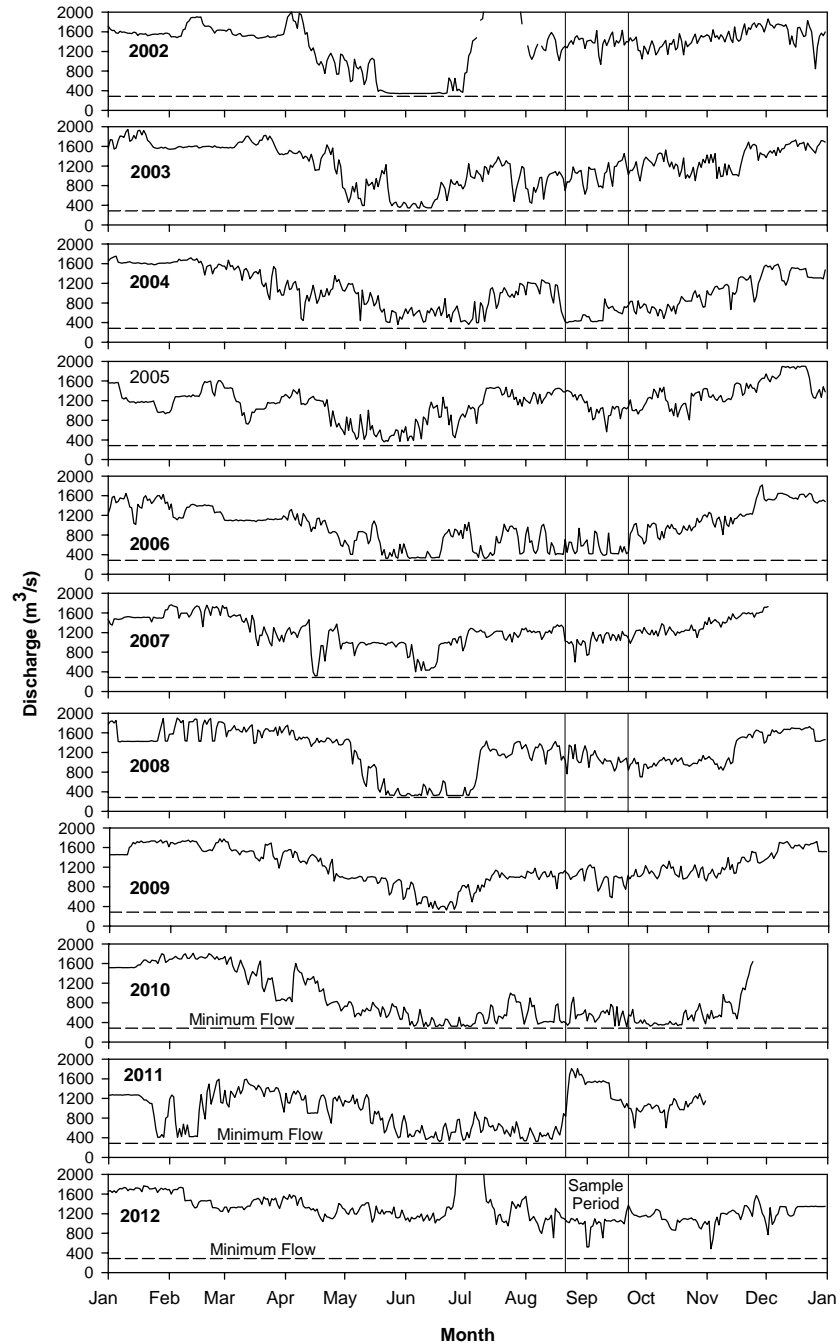


Figure 4.3 Mean daily discharge releases from the PCN Dam, Peace River Fish Index Project 2002 to 2012 (Based on preliminary discharge data provided by BC Hydro).

If catch rates were hyperstable, then high population sizes for those years and sections should be consistently associated with lower catchability, but this was not the case (Figure 4.4). The absence of this relationship suggests that hyperstable catch rates may not be the primary factor influencing catchability (see Figure 3.39). An alternate hypothesis may be reduced catchability. Low water clarity was the reason provided for reduced catchability in Sections 3 and 5 in 2004, but water clarity was high for problem

sections in 2006 and 2010. The one consistent sample condition in all sections in 2004, 2006, and 2010 was low water level. Low water level may have caused a spatial shift of fish to deeper water making them less vulnerable to capture by boat electrofisher. Anecdotal field observations support this idea. However, lower catchability was not recorded for Section 1 in 2004 or Section 1 in 2006 despite the existence of low water level.

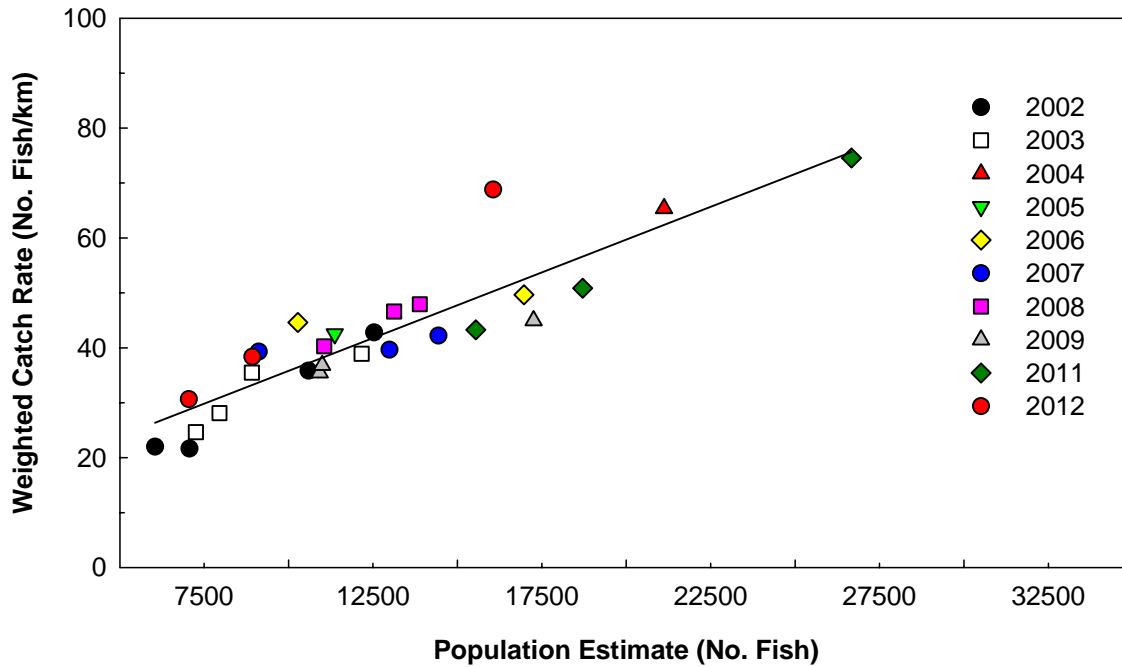


Figure 4.4 Relationships between population estimate and catch rate of Mountain Whitefish based on two data sets, Peace River Fish Index Project 2002 to 2012 (Data grouped based on apparent reliability of catchability coefficients).

Attempts can be made to describe the relationship between population estimates and catch rates if low catchability is caused by changes to catchability and not hyperstable catch rates (Figure 4.4). Reasons for changes to catchability likely are complex and will require more work. In particular, factors need to be investigated that influence differences in catchability between Section 1 and Sections 3 and 5.

5.0 CONCLUSIONS

5.1 SUMMARY

The stated overall objective of the Large River Fish Community Indexing Program is to establish fish monitoring protocols that can be used reliably across the Peace River and Columbia River watersheds to provide an index of the general status of the fish community. The Peace River Fish Community Indexing Program has been integrated into the Peace Water Use Plan (WUP), and as such, the goal has shifted from evaluation of monitoring protocols to monitoring of target fish populations in order to evaluate the effectiveness of the Peace River management plans. Implementation of projects under the management plans commenced in 2008 and will continue to at least 2018.

The 2012 Peace River Fish Index Project fulfilled its primary objectives, which were to extend time series data and to build upon previous investigations. The Peace River Fish Index Project, as currently designed, has the sensitivity to identify changes in biological characteristics and abundance of Mountain Whitefish. The program's ability to detect change in the two remaining target species populations (Arctic Grayling and Bull Trout) is limited, primarily due to low fish numbers.

5.2 LIMITATIONS IN DESIGN AND METHODOLOGY

Previous years' results of the Peace River Fish Index Project have identified limitations associated with current study design and sample methodology. These issues are as follows:

1. Floy tags have a detrimental effect on fish health. This effect will continue to confound the monitoring results as long as floy-tagged fish remain a large component of sample populations.
2. Water clarity alters catchability, thereby hindering use of catch rate as an index of abundance. This prevents comparisons of catch rate data collected during high and low water clarity.
3. During some years, one or more unknown factors cause Mountain Whitefish to move or cause changes to within section catchability, which may invalidate results of the closed population estimate model.
4. Arctic Grayling catch rates decline during the field sampling program, which may invalidate the catch rate data. The decline may be caused by sampling effects, fish movement, or altered catchability.
5. The adult cohort of the Bull Trout population is not fully represented in study sections during the field program due to movements to and from spawning tributaries. This influences adult Bull Trout availability between years and between sections, which hinders interpretation of biological data, catch rates, and population estimates.
6. Low Peace River water level during or immediately preceding the sample period appears to influence population size independent of changes to annual recruitment. The effect occurs when discharge of PCN Dam approaches minimum flow. The causal mechanism likely is displacement of fish from side channels that dewater at low flows.

7. Low water level may alter catchability, but not across all sections within a sample year. This confounds comparisons of catch rate data collected during periods of high water level and low water level.
8. Mountain Whitefish ages derived from interpretation of scales underestimate actual Mountain Whitefish age. This negative bias affects the outcome of analyses of Mountain Whitefish biological characteristics and will hinder construction of an age structured mark-recapture (ASMR) synthesis model for Mountain Whitefish.

5.3 DATA GAPS

As the Peace River WUP management plans are implemented the goal of the Peace River Fish Index Project will be to monitor target fish populations in order to evaluate the effectiveness of the WUP management plans. In order to achieve this goal consideration should be given to the following data gaps that are inherent to the current design of the program and suggestions provided to address these data gaps.

1. The Peace River Fish Index Project samples large-sized fish in nearshore habitats. The design limits the ability to quantify recruitment of young fish into the target populations. The age structure mark recapture model may assist in addressing this data gap. Another technique includes development of a dedicated small fish program, similar in design to the pilot study completed during the 2005 program.
2. The Peace River Fish Index Project samples target fish populations within specific index sections. If these sections do not encompass portions of the Peace River that are targeted for restoration under the WUP management plans, the effects on the fish community may be difficult to detect. This issue can be resolved by ensuring that index sections are correctly located in the Peace River.
3. The Peace River Fish Index Project samples three target species populations – Arctic Grayling, Bull Trout, and Mountain Whitefish. If one or more other species population are not targeted by the WUP management plans (e.g., Rainbow Trout) then the effects will not be monitored. This issue can be resolved by ensuring that Peace River Fish Index Project includes species targeted by the WUP management plans.

5.4 RECOMMENDATIONS

5.4.1 Monitoring Protocols

Based on the findings of the 2012 Peace River Fish Index Project we recommend the following:

1. Repeat the standard program to extend the time series data. Sample Sections 1, 3, and 5 to extend sampling history. The continuous record of consistent and rigorous sampling is a valuable baseline for the target populations. Adding years to the data set will increase its value.
2. Maintain the current study design and sampling protocols.
3. Address the issue of under estimation of Mountain Whitefish age derived from scales by development of a “correction factor” using incremental growth data for known aged marked fish that are recaptured (Gazey 2012). This approach allows use of historical index data, but may require an additional 2 to 3 years of growth data before it can be implemented.
4. Add reproductive condition as metric used to monitor Mountain Whitefish population health.

5.4.2 Monitoring Objectives

The ultimate purpose of the Fish Index Project is to assist in the evaluation of the effectiveness of Peace River management plans, designed to improve fish habitat and productivity, by monitoring target fish populations. In preparation for implementation of the Peace River Side Channel Plan, BC Hydro commissioned a study to inventory and evaluate Peace River side channels to determine suitability for physical works to restore or maintain habitats at a base flow of 283 m³/s (NHC *et al.* 2010). The document short-listed eleven side channels as candidate sites and provided conceptual restoration plans for each site.

The following are recommendations to adjust the current Fish Index Project in order to assist in the evaluation of the effectiveness of Peace River Side Channel Plan.

1. Continue the standard program in Sections 1, 3, and 5 and maintain the current study design and sampling protocols. The adult cohort of Peace River fish populations, which is targeted by the Fish Index Project, is sufficiently mobile to allow monitoring of side channel restoration effects without requiring spatial adjustment to the current sections.
2. Should the results of PCR Side Channel Fisheries Monitoring Program (GMSMON-7) show that fish populations benefiting from physical works are not being measured by the Peace River Fish Index Project (GMSMON-2) then the current target species list should be reconsidered.

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APPENDICES A to E

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APPENDICES

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APPENDIX A
Sample Sites

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Appendix A Table A1. Standard boat electrofisher sites, UTM locations (NAD 83; Zone 10V), and river kilometres in the Peace River Study Area, 2012 Peace River Fish Index Project.

Section	Site Label	Site Position	Upper			Lower		
			Easting	Northing	Kilometre	Easting	Northing	Kilometre
1								
	0101	Island Left Downstream Bank	566453	6207858	145.2	566936	6208239	144.6
	0102	Island Left Downstream Bank	566936	6208240	144.6	567497	6208907	143.7
	0103	Right Downstream Bank	566302	6207742	145.4	567401	6208075	144.4
	0104	Island Right Downstream Bank	566460	6207754	145.3	566934	6207880	144.6
	0105	Right Downstream Bank	567402	6208074	144.4	568000	6208913	143.3
	0107	Left Downstream Bank	568372	6210050	142.3	568798	6210402	141.4
	0108	Right Downstream Bank	568605	6209966	142.3	569259	6210477	141.2
	0109	Right Downstream Bank	569260	6210478	141.2	569850	6211235	140.4
	0110	Left Downstream Bank	568798	6210403	141.4	569302	6211053	140.6
	0111	Left Downstream Bank	569302	6211053	140.6	569825	6211869	139.8
	0112	Left Downstream Bank	569824	6211868	139.8	570686	6212472	138.9
	0113	Right Downstream Bank	569994	6211528	140.0	570510	6212043	139.2
	0114	Left Downstream Bank	570686	6212474	139.0	571342	6213121	137.9
	0116	Right Downstream Bank	570511	6212043	139.2	571265	6212633	138.1
	0119	Left Downstream Bank	567516	6209096	143.3	568019	6209628	142.4
3								
	0301	Right Downstream Bank	600824	6232860	98.4	602606	6233198	96.3
	0302	Island Right Downstream Bank	599753	6233307	99.2	601597	6233232	97.0
	0303	Island Right Downstream Bank	601597	6233232	97.0	602930	6233597	96.0
	0304	Island Left Downstream Bank	602583	6233193	96.3	603787	6233290	94.2
	0305	Left Downstream Bank	603204	6233827	95.6	604640	6233426	93.8
	0306	Left Downstream Bank	604655	6233435	93.8	605586	6233750	92.5
	0307	Island Right Downstream Bank	605976	6233888	92.2	606935	6234160	91.2
	0308	Island Right Downstream Bank	606935	6234158	91.2	607692	6235034	90.2
	0309	Island Left Downstream Bank	605976	6233878	92.2	606666	6234387	91.4
	0310	Island Left Downstream Bank	606662	6234395	91.4	607691	6235034	90.4
	0311	Left Downstream Bank	605585	6233743	92.5	606512	6234441	91.4
	0312	Left Downstream Bank	607058	6234840	91.3	608047	6235753	89.8
	0314	Right Downstream Bank	604468	6233079	93.9	605400	6233321	93.0
	0315	Right Downstream Bank	605400	6233320	93.0	606956	6233951	91.0
	0316	Right Downstream Bank	606956	6233951	91.0	607974	6234928	90.1

Appendix A Table A1. Standard boat electrofisher sites, UTM locations (NAD 83; Zone 10V), and river kilometres in the Peace River Study Area, 2012 Peace River Fish Index Project.

Section	Site Label	Site Position	Upper			Lower		
			Easting	Northing	Kilometre	Easting	Northing	Kilometre
5								
	0501	Right Downstream Bank	629169	6229759	64.0	630016	6229305	63.3
	0502	Right Downstream Bank	630016	6229305	63.3	630954	6229298	62.5
	0503	Island Right Downstream Bank	629023	6230250	64.8	629611	6229680	63.8
	0504	Island Right Downstream Bank	629787	6229549	63.4	630560	6229543	62.9
	0505	Left Downstream Bank	630553	6229765	62.9	631540	6229590	61.8
	0506	Left Downstream Bank	631539	6229590	61.8	632491	6229713	60.7
	0507	Right Downstream Bank	632339	6229356	61.3	633099	6229489	60.3
	0508	Left Downstream Bank	637926	6227901	54.1	638432	6227150	53.4
	0509	Island Right Downstream Bank	632785	6229686	60.6	633704	6229905	59.7
	0510	Right Downstream Bank	634530	6229634	59.0	635555	6230048	57.7
	0511	Left Downstream Bank	635651	6230419	57.7	636334	6230361	56.9
	0512	Island Right Downstream Bank	633855	6229835	59.4	634872	6230026	58.5
	0513	Right Downstream Bank	637113	6228814	55.4	637433	6228125	54.3
	0514	Island Left Downstream Bank	637427	6228123	54.4	637735	6227647	53.4
	0515	Island Right Downstream Bank	637376	6229072	55.2	637591	6228192	54.6

APPENDIX B
Sampling Conditions

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Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Electrofisher					
											Temp. (C)	Clarity (cm)	Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	A	Hz	V
0101																			
	1	8/23/2012	13:45	614	210	SFN	A3	Run	Cobble	None	1	7.8	200		169		3.5	60	354
	2	8/29/2012	11:15	614	196	SFN	A3	Run	Cobble	None	1	8.7	210		155		3.4	60	354
	3	9/4/2012	10:00	614	301	SFN	A3	Run	Cobble	None	1	9.5	210		153		3.6	60	354
	4	9/10/2012	12:00	614	208	SFN	A3	Run	Cobble	None	1	11.3	210		147		3.8	60	354
	5	9/16/2012	11:00	614	233	SFN	A3	Run	Cobble	None	1	12.1	210		154		3.0	60	354
	6	9/19/2012	10:45	614	230	SFN	A3	Run	Cobble	None	1	12.1	210		152		3.8	60	354
0102																			
	1	8/23/2012	15:00	870	293	SFN	A3	Run	Cobble	None	1	7.8	200		169		3.5	60	354
	2	8/29/2012	12:30	870	282	SFN	A3	Run	Cobble	None	1	8.7	210		155		3.4	60	354
	3	9/4/2012	11:00	870	329	SFN	A3	Run	Cobble	None	1	10.1	210		153		3.8	60	354
	4	9/10/2012	13:15	870	311	SFN	A3	Run	Cobble	None	1	11.5	210		146		3.8	60	354
	5	9/16/2012	11:30	870	183	SFN	A3	Run	Cobble	None	1	12.1	210		154		3.0	60	354
	6	9/19/2012	11:15	870	321	SFN	A3	Run	Cobble	None	1	12.1	210		152		3.8	60	354
0103																			
	1	8/23/2012	11:45	1092	580	SFC	A1	Run	Boulder	R+L+B	2	7.8	200		169		3.5	60	354
	2	8/29/2012	10:00	1092	566	SFC	A1	Run	Boulder	R+L+B	2	8.7	210		155		3.8	60	354
	3	9/4/2012	12:15	1092	545	SFC	A1	Run	Boulder	R+L+B	2	9.4	175		153		3.8	60	354
	4	9/10/2012	9:30	1092	541	SFC	A1	Run	Boulder	R+L+B	2	11.1	210		148		4.2	60	354
	5	9/16/2012	10:15	1092	583	SFC	A1	Run	Boulder	R+L+B	2	12.1	210		154		3.8	60	354
	6	9/19/2012	10:00	1092	617	SFC	A1	Run	Boulder	R+L+B	2	12.1	210		152		3.8	60	354
0104																			
	1	8/23/2012	11:00	445	256	SFN	A3	Run	Cobble	None	1	7.8	200		169		3.5	60	354
	2	8/29/2012	9:30	445	238	SFN	A3	Run	Cobble	None	1	8.7	210		155		3.8	60	354
	3	9/4/2012	13:00	445	278	SFN	A3	Run	Cobble	None	1	10.1	175		152		3.5	60	354
	4	9/10/2012	10:05	445	298	SFN	A3	Run	Cobble	None	1	11.1	210		148		4.0	60	354
	5	9/16/2012	10:00	445	303	SFN	A3	Run	Cobble	None	1	12.1	210		154		3.8	60	354
	6	9/19/2012	9:30	445	324	SFN	A3	Run	Cobble	None	1	12.1	210		152		3.8	60	354

Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water Temp. (C)	Clarity (cm)	Level (mm) (1-4)	Vel. (1-4)	Cond. (us/cm) (1-4)	Light (1-4)	Electrofisher		
																	A	V	
0105																			
	1	8/23/2012	13:00	1029	476	SFC	A2	Run	Boulder	R+B	2	7.8	200		169		3.5	60	354
	2	8/29/2012	10:45	1029	477	SFC	A2	Run	Boulder	R+B	2	8.7	210		155		3.8	60	354
	3	9/4/2012	13:45	1029	458	SFC	A2	Run	Boulder	R+B	2	9.8	175		152		3.8	60	354
	4	9/10/2012	10:45	1029	499	SFC	A2	Run	Boulder	R+B	2	11.1	210		150		4.2	60	354
	5	9/16/2012	10:30	1029	482	SFC	A2	Run	Boulder	R+B	2	12.1	210		154		3.8	60	354
	6	9/19/2012	10:30	1029	550	SFC	A2	Run	Boulder	R+B	2	12.1	210		152		3.8	60	354
0107																			
	1	8/23/2012	9:45	551	310	SFC	A1	Run	Boulder	R+B	3	7.8	200		169		3.8	60	354
	2	8/29/2012	14:30	551	297	SFC	A1	Run	Boulder	R+B	3	8.7	210		155		3.8	60	354
	3	9/4/2012	15:20	551	343	SFC	A1	Run	Boulder	R+B	3	9.8	155		153		3.7	60	354
	4	9/10/2012	15:15	551	357	SFC	A1	Run	Boulder	R+B	3	11.4	210		149		4.2	60	354
	5	9/16/2012	12:15	551	293	SFC	A1	Run	Boulder	R+B	3	12.1	210		154		3.8	60	354
	6	9/19/2012	12:00	551	342	SFC	A1	Run	Boulder	R+B	3	12.1	210		152		3.8	60	354
0108																			
	1	8/23/2012	10:15	821	423	SFN	A3	Run	Cobble	None	1	7.8	200		169		3.8	60	354
	2	8/29/2012	15:00	821	453	SFN	A3	Run	Cobble	None	1	8.7	210		155		3.8	60	354
	3	9/4/2012	16:00	968	563	SFN	A3	Run	Cobble	None	1	9.9	155		155		3.8	60	354
	4	9/10/2012	15:45	821	483	SFN	A3	Run	Cobble	None	1	11.3	210		149		4.2	60	354
	5	9/16/2012	12:45	828	495	SFN	A3	Run	Cobble	None	1	12.1	210		154		3.8	60	354
	6	9/19/2012	12:30	828	526	SFN	A3	Run	Cobble	None	1	12.1	210		152		3.8	60	354
0109																			
	1	8/23/2012	16:30	747	482	SFN	A3	Run	Cobble	None	1	7.8	200		169		3.5	60	354
	2	8/29/2012	13:45	747	488	SFN	A3	Run	Cobble	None	1	8.7	210		155		3.4	60	354
	3	9/4/2012	14:30	747	468	SFN	A3	Run	Cobble	None	1	9.8	165		179		3.8	60	354
	4	9/10/2012	14:15	747	443	SFN	A3	Run	Cobble	None	1	11.4	210		181		4.2	60	354
	5	9/16/2012	13:00	958	494	SFN	A3	Run	Cobble	None	1	12.1	210		154		3.8	60	354
	6	9/19/2012	13:00	958	528	SFN	A3	Run	Cobble	None	1	12.1	210		152		3.8	60	354

Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water Temp. (C)	Clarity (cm)	Level (mm) (1-4)	Vel. (1-4)	Cond. (us/cm) (1-4)	Light (1-4)	Electrofisher		
																	A	V	
0110																			
	1	8/24/2012	9:30	828	449	SFC	A1	Run	Boulder	R+B	3	7.2	210		157		3.8	60	354
	2	8/30/2012	9:30	828	481	SFC	A1	Run	Boulder	R+B	3	9.5	210		154		3.8	60	354
	3	9/5/2012	9:45	828	502	SFC	A1	Run	Boulder	R+B	3	10.9	155		151		3.8	60	354
	4	9/11/2012	9:15	828	520	SFC	A1	Run	Boulder	R+B	3	11.0	210		149		4.0	60	354
	5	9/16/2012	13:30	821	483	SFC	A1	Run	Boulder	R+B	3	12.1	210		154		3.8	60	354
	6	9/19/2012	13:15	821	480	SFC	A1	Run	Boulder	R+B	3	12.1	210		152		3.8	60	354
0111																			
	1	8/24/2012	10:15	958	435	SFC	A1	Run	Boulder	R+B	3	7.2	210		157		3.8	60	354
	2	8/30/2012	10:00	958	427	SFC	A1	Run	Boulder	R+B	3	9.5	210		154		3.9	60	354
	3	9/5/2012	10:45	958	516	SFC	A1	Run	Boulder	R+B	3	10.8	155		151		3.9	60	354
	4	9/11/2012	10:15	958	460	SFC	A1	Run	Boulder	R+B	3	11.0	210		149		4.0	60	354
	5	9/16/2012	13:45	968	403	SFC	A1	Run	Boulder	R+B	3	12.1	210		154		3.8	60	354
	6	9/19/2012	13:45	968	585	SFC	A1	Run	Boulder	R+B	3	12.1	210		152		3.8	60	354
0112																			
	1	8/24/2012	11:30	968	517	SFC	A1	Run	Boulder	R+B	2	7.2	210		157		3.5	60	354
	2	8/30/2012	11:00	968	551	SFC	A1	Run	Boulder	R+B	2	9.5	210		154		3.9	60	354
	3	9/5/2012	9:15	821	451	SFC	A1	Run	Boulder	R+B	2	10.6	155		151		3.8	60	354
	4	9/11/2012	11:20	968	559	SFC	A1	Run	Boulder	R+B	2	11.1	210		150		4.0	60	354
	5	9/16/2012	14:30	1050	569	SFC	A1	Run	Boulder	R+B	2	12.1	210		154		3.8	60	354
	6	9/19/2012	15:00	1050	575	SFC	A1	Run	Boulder	R+B	2	12.1	210		152		3.8	60	354
0113																			
	1	8/24/2012	12:45	1050	512	SFC	A2	Run	Cobble	L+B	2	7.2	210		157		3.5	60	354
	2	8/30/2012	12:45	1050	528	SFC	A2	Run	Cobble	L+B	2	9.5	210		154		3.7	60	354
	3	9/5/2012	12:50	1050	663	SFC	A2	Run	Cobble	L+B	2	11.2	175		149		3.9	60	354
	4	9/11/2012	12:40	1050	591	SFC	A2	Run	Cobble	L+B	2	11.1	210		150		4.0	60	354
	5	9/16/2012	14:00	727	373	SFC	A2	Run	Cobble	L+B	2	12.1	210		154		3.8	60	354
	6	9/19/2012	14:15	727	392	SFC	A2	Run	Cobble	L+B	2	12.1	210		152		3.8	60	354

Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water Temp. (C)	Clarity (cm)	Level (mm) (1-4)	Vel. (1-4)	Cond. (us/cm) (1-4)	Light (1-4)	Electrofisher		
																	A	V	
1																			
0114																			
	1	8/24/2012	13:30	727	SFC	A2	Run	Boulder	R+B	2	7.2	210			157		3.5	60	354
	2	8/30/2012	12:00	727	SFC	A2	Run	Boulder	R+B	2	9.5	210			154		3.7	60	354
	3	9/5/2012	11:30	727	SFC	A2	Run	Boulder	R+B	2	11.0	155			150		3.8	60	354
	4	9/11/2012	13:30	727	SFC	A2	Run	Boulder	R+B	2	11.2	210			147		4.0	60	354
	5	9/16/2012	15:15	919	SFC	A2	Run	Boulder	R+B	2	12.1	210			154		3.8	60	354
	6	9/19/2012	15:15	919	SFC	A2	Run	Boulder	R+B	2	12.1	210			152		3.8	60	354
0116																			
	1	8/24/2012	15:00	919	SFN	A3	Run	Cobble	None	1	7.2	210			157		3.5	60	354
	2	8/30/2012	14:15	919	SFN	A3	Run	Cobble	None	1	9.5	210			154		3.5	60	354
	3	9/5/2012	14:00	919	SFN	A3	Run	Cobble	None	1	11.2	160			149		3.8	60	354
	4	9/11/2012	15:00	919	SFN	A3	Run	Cobble	None	1	11.1	210			150		4.0	60	354
	5	9/16/2012	15:00	955	SFN	A3	Run	Cobble	None	1	12.1	210			154		3.8	60	354
	6	9/19/2012	14:30	955	SFN	A3	Run	Cobble	None	1	12.1	210			152		3.8	60	354
0119																			
	1	8/24/2012	14:30	955	SFC	A1	Run	Boulder	Rock	4	7.2	210			157		3.5	60	354
	2	8/30/2012	13:45	955	SFC	A1	Run	Boulder	Rock	4	9.5	210			154		3.6	60	354
	3	9/5/2012	13:30	955	SFC	A1	Run	Boulder	Rock	4	11.5	160			148		3.8	60	354
	4	9/11/2012	14:30	955	SFC	A1	Run	Boulder	Rock	4	11.2	210			167		4.0	60	354
	5	9/16/2012	11:45	747	SFC	A1	Run	Boulder	Rock	4	12.1	210			154		3.8	60	354
	6	9/19/2012	11:30	747	SFC	A1	Run	Boulder	Rock	4	12.1	210			152		3.8	60	354
3																			
0301																			
	1	8/25/2012	11:15	1808	SFC	A2	Run	Boulder	R+B	2	9.7	210			209		4.0	60	354
	2	8/31/2012	10:45	1808	SFC	A2	Run	Boulder	R+B	2	10.2	210			154		4.5	60	354
	3	9/6/2012	10:45	1808	SFC	A2	Run	Boulder	R+B	2	10.9	165			152		4.2	60	354
	4	9/12/2012	10:30	1808	SFC	A2	Run	Boulder	R+B	2	10.7	210			148		4.8	60	354
	5	9/17/2012	10:00	1808	SFC	A2	Run	Boulder	R+B	2	13.1	210			151		4.4	60	354
	6	9/20/2012	10:00	1808	SFC	A2	Run	Boulder	R+B	2	12.2	160			153		5.0	60	354

Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Electrofisher			
											Temp. (C)	Clarity (cm)	Level (mm)	Vel. (1-4)	Cond. (us/cm) (1-4)	Light (1-4)	A
0302																	
	1	8/25/2012	10:00	1840	787	SFC	A2	Run	Boulder	R+B	3	9.7	88	209	4.0	60	354
	2	8/31/2012	10:00	1840	832	SFC	A2	Run	Boulder	R+B	3	10.2	210	169	4.2	60	354
	3	9/6/2012	9:30	1840	948	SFC	A2	Run	Boulder	R+B	3	11.0	165	185	4.7	60	354
	4	9/12/2012	9:30	1840	842	SFC	A2	Run	Boulder	R+B	3	10.7	210	152	4.6	60	354
	5	9/17/2012	9:30	1840	834	SFC	A2	Run	Boulder	R+B	3	13.1	115	151	4.4	60	354
	6	9/20/2012	9:30	1840	852	SFC	A2	Run	Boulder	R+B	3	12.2	160	153	4.5	60	354
0303																	
	1	8/25/2012	12:15	1378	623	SFC	A2	Run	Cobble	L+B	2	11.9	88	209	4.0	60	354
	2	8/31/2012	11:45	1378	700	SFC	A2	Run	Cobble	L+B	2	10.2	210	154	4.8	60	354
	3	9/6/2012	12:00	1378	719	SFC	A2	Run	Cobble	L+B	2	12.2	155	198	4.6	60	354
	4	9/12/2012	11:30	1378	722	SFC	A2	Run	Cobble	L+B	2	10.8	210	151	4.6	60	354
	5	9/17/2012	10:30	1378	606	SFC	A2	Run	Cobble	L+B	2	13.1	115	151	4.4	60	354
	6	9/20/2012	10:30	1378	681	SFC	A2	Run	Cobble	L+B	2	12.2	160	153	4.5	60	354
0304																	
	1	8/25/2012	13:45	1407	632	SFN	A2	Run	Cobble	Bank	1	9.7	210	209	4.0	60	354
	2	8/31/2012	12:30	1407	648	SFN	A2	Run	Cobble	Bank	1	10.2	210	154	4.2	60	354
	3	9/6/2012	13:30	1407	671	SFN	A2	Run	Cobble	Bank	1	13.5	155	158	4.5	60	354
	4	9/12/2012	12:15	1407	747	SFN	A2	Run	Cobble	Bank	1	10.9	210	153	4.5	60	354
	5	9/17/2012	11:00	1407	667	SFN	A2	Run	Cobble	Bank	1	13.1	210	151	4.4	60	354
	6	9/20/2012	11:00	1407	683	SFN	A2	Run	Cobble	Bank	1	12.2	160	153	4.5	60	354
0305																	
	1	8/25/2012	14:30	1486	705	SFN	A2	Run	Cobble	Bank	1	12.5	68	231	4.0	60	354
	2	8/31/2012	13:15	1486	696	SFN	A2	Run	Cobble	Bank	1	10.2	103	233	5.0	60	354
	3	9/6/2012	14:30	1486	786	SFN	A2	Run	Cobble	Bank	1	13.7	95	248	4.5	60	354
	4	9/12/2012	13:15	1486	756	SFN	A2	Run	Cobble	Bank	1	11.1	160	203	4.5	60	354
	5	9/17/2012	11:30	1486	494	SFN	A2	Run	Cobble	Bank	1	13.1	115	151	4.4	60	354
	6	9/20/2012	11:30	1486	744	SFN	A2	Run	Cobble	Bank	1	12.2	160	153	5.0	60	354

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Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Electrofisher				
											Temp. (C)	Clarity (cm)	Level (mm) (1-4)	Vel. (1-4)	Cond. (us/cm) (1-4)	Light (1-4)	A	Hz
0306																		
	1	8/25/2012	16:30	980	SFN	A3	Run	Gravel	None	1	12.5	75		231		4.0	60	354
	2	8/31/2012	14:45	980	SFN	A3	Run	Gravel	None	1	10.2	105		233		4.5	60	354
	3	9/6/2012	16:00	980	SFN	A3	Run	Gravel	None	1	15.3	90		248		4.5	60	354
	4	9/12/2012	14:45	980	SFN	A3	Run	Gravel	None	1	11.2	160		201		4.2	60	354
	5	9/17/2012	12:45	980	SFN	A3	Run	Gravel	None	1	13.1	115		151		4.4	60	354
	6	9/20/2012	12:00	980	SFN	A3	Run	Gravel	None	1	12.2	160		153		5.0	60	354
0307																		
	1	8/25/2012	16:00	960	SFN	A3	Run	Cobble	None	1	10.0	210		209		4.0	60	354
	2	8/31/2012	14:15	960	SFN	A3	Run	Cobble	None	1	10.2	210		154		4.5	60	354
	3	9/6/2012	16:30	1158	621	SFN	Run	Cobble	None	1	13.7	95		244		4.8	60	354
	4	9/12/2012	16:30	855	481	SFN	Run	Cobble	None	1	11.2	210		155		4.5	60	354
	5	9/17/2012	15:30	994	508	SFN	Run	Cobble	None	1	13.1	210		151		4.4	60	354
	6	9/20/2012	14:00	994	502	SFN	Run	Cobble	None	1	12.2	160		153		5.0	60	354
0308																		
	1	8/26/2012	13:15	994	489	SFN	Run	Cobble	None	1	10.8	145		156		4.0	60	354
	2	8/31/2012	15:30	1674	881	SFN	Run	Cobble	None	1	11.1	210		194		4.5	60	354
	3	9/7/2012	12:00	994	547	SFN	Run	Cobble	None	1	12.5	150		185		4.4	60	354
	4	9/12/2012	15:30	1158	600	SFN	Run	Cobble	None	1	11.2	160		197		4.4	60	354
	5	9/17/2012	16:30	1486	622	SFN	Run	Cobble	None	1	13.1	210		151		4.4	60	354
	6	9/20/2012	14:45	1486	605	SFN	Run	Cobble	None	1	12.2	160		153		5.0	60	354
0309																		
	1	8/26/2012	16:00	1486	578	SFN	Run	Cobble	None	1	10.8	145		156		4.0	60	354
	2	9/1/2012	13:30	994	517	SFN	Run	Cobble	None	1	12.1	210		194		4.2	60	354
	3	9/7/2012	12:30	1486	650	SFN	Run	Cobble	None	1	13.2	160		183		4.4	60	354
	4	9/13/2012	11:30	994	499	SFN	Run	Cobble	None	1	12.3	160		149		4.3	60	354
	5	9/17/2012	13:30	855	480	SFN	Run	Cobble	None	1	13.1	115		151		4.4	60	354
	6	9/20/2012	15:45	855	496	SFN	Run	Cobble	None	1	12.2	160		153		5.0	60	354

Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Electrofisher			
											Temp. (C)	Clarity (cm)	Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	A
0310																	
	1	8/26/2012	10:30	855	468	SFC	A3	Run	Gravel	None	1	11.3	78	231	4.0	60	354
	2	9/1/2012	14:30	1486	601	SFC	A3	Run	Gravel	None	1	12.1	210	194	4.2	60	354
	3	9/7/2012	14:45	855	582	SFC	A3	Run	Gravel	None	1	12.6	160	182	4.8	60	354
	4	9/13/2012	12:00	1486	637	SFC	A3	Run	Gravel	None	1	12.7	160	150	4.4	60	354
	5	9/17/2012	14:00	1208	657	SFC	A3	Run	Gravel	None	1	13.1	115	151	4.4	60	354
	6	9/20/2012	16:15	1208	676	SFC	A3	Run	Gravel	None	1	12.2	160	153	5.0	60	354
0311																	
	1	8/26/2012	11:15	1208	647	SFC	A3	Flat	Cobble	None	1	11.3	78	231	4.0	60	354
	2	9/1/2012	10:45	855	526	SFC	A3	Flat	Cobble	None	1	10.3	110	233	4.0	60	354
	3	9/7/2012	15:30	1208	670	SFC	A3	Flat	Cobble	None	1	12.9	160	166	4.8	60	354
	4	9/13/2012	14:15	1208	641	SFC	A3	Flat	Cobble	None	1	12.7	185	148	4.2	60	354
	5	9/17/2012	13:15	1158	572	SFC	A3	Flat	Cobble	None	1	13.1	115	151	4.4	60	354
	6	9/20/2012	15:15	1158	604	SFC	A3	Flat	Cobble	None	1	12.2	160	153	5.0	60	354
0312																	
	1	8/26/2012	10:00	1158	582	SFN	A2	Run	Cobble	Bank	2	11.3	78	231	4.5	60	354
	2	9/1/2012	11:30	1208	696	SFN	A2	Run	Cobble	Bank	2	10.3	110	233	4.0	60	354
	3	9/7/2012	16:30	1343	766	SFN	A2	Run	Cobble	Bank	2	14.1	120	230	4.8	60	354
	4	9/13/2012	15:15	1343	754	SFN	A2	Run	Cobble	Bank	2	12.7	175	189	4.5	60	354
	5	9/17/2012	14:15	1343	428	SFN	A2	Run	Cobble	Bank	2	13.1	115	151	4.4	60	354
	6	9/20/2012	16:30	1343	721	SFN	A2	Run	Cobble	Bank	2	12.2	160	153	5.0	60	354
0314																	
	1	8/26/2012	12:00	1343	717	SFC	A2	Run	Cobble	Bank	2	11.3	100	231	4.5	60	354
	2	9/1/2012	10:00	1158	632	SFC	A2	Run	Cobble	Bank	2	10.8	110	233	5.0	60	354
	3	9/7/2012	9:30	960	614	SFC	A2	Run	Cobble	Bank	2	11.3	190	153	4.4	60	354
	4	9/13/2012	9:40	960	580	SFC	A2	Run	Cobble	Bank	2	11.8	210	150	4.8	60	354
	5	9/17/2012	12:00	960	604	SFC	A2	Run	Cobble	Bank	2	13.1	210	151	4.4	60	354
	6	9/20/2012	13:00	960	619	SFC	A2	Run	Cobble	Bank	2	12.2	160	153	5.0	60	354

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Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water Temp. (C)	Clarity (cm)	Level (mm) (1-4)	Vel. (1-4)	Cond. (us/cm) (1-4)	Light (1-4)	Electrofisher A Hz	Electrofisher V	
3																			
0315																			
	1	8/26/2012	14:15	1674	904	SFC	A3	Flat	Cobble	None	1	10.8	210		156		5.0	60	354
	2	9/1/2012	12:30	1343	788	SFC	A3	Flat	Cobble	None	1	11.7	110		233		4.5	60	354
	3	9/7/2012	10:30	1674	794	SFC	A3	Flat	Cobble	None	1	11.4	190		185		4.2	60	354
	4	9/13/2012	10:15	1674	1040	SFC	A3	Flat	Cobble	None	1	11.9	180		141		4.8	60	354
	5	9/17/2012	15:00	1674	1007	SFC	A3	Flat	Cobble	None	1	13.1	210		151		4.4	60	354
	6	9/20/2012	13:30	1674	962	SFC	A3	Flat	Cobble	None	1	12.2	160		153		5.0	60	354
0316																			
	1	8/26/2012	15:15	1371	774	SFC	A2	Run	Cobble	R+L+B	3	10.8	210		156		4.5	60	354
	2	9/1/2012	15:30	1371	745	SFC	A2	Run	Cobble	R+L+B	3	12.1	210		194		4.2	60	354
	3	9/7/2012	13:30	1371	843	SFC	A2	Run	Cobble	R+L+B	3	12.1	190		150		4.8	60	354
	4	9/13/2012	13:00	1371	841	SFC	A2	Run	Cobble	R+L+B	3	12.2	175		144		4.8	60	354
	5	9/17/2012	16:00	1371	802	SFC	A2	Run	Cobble	R+L+B	3	13.1	210		151		4.4	60	354
	6	9/20/2012	14:15	1371	809	SFC	A2	Run	Cobble	R+L+B	3	12.2	160		153		5.0	60	354
5																			
0501																			
	1	8/27/2012	11:00	762	446	SFC	A2	Run	Cobble	Bank	2	11.1	209		178		4.0	60	354
	2	9/2/2012	11:00	762	419	SFC	A2	Run	Cobble	Bank	2	11.3	170		188		3.4	60	354
	3	9/8/2012	10:45	762	427	SFC	A2	Run	Cobble	Bank	2	12.0	130		170		5.0	60	354
	4	9/14/2012	11:00	762	433	SFC	A2	Run	Cobble	Bank	2	12.2	0		155		0.0	60	354
	5	9/18/2012	10:30	762	464	SFC	A2	Run	Cobble	Bank	2	12.4	120		155		5.0	60	354
	6	9/21/2012	10:15	762	429	SFC	A2	Run	Cobble	Bank	2	12.1	110		153		5.0	60	354
0502																			
	1	8/27/2012	12:15	1013	503	SFC	A2	Run	Cobble	L+B	2	10.5	209		178		4.2	60	354
	2	9/2/2012	11:40	1013	418	SFC	A2	Run	Cobble	L+B	2	11.1	170		177		3.4	60	354
	3	9/8/2012	11:15	1013	473	SFC	A2	Run	Cobble	L+B	2	11.8	130		158		5.0	60	354
	4	9/14/2012	11:45	1013	412	SFC	A2	Run	Cobble	L+B	2	12.6	210		154		5.0	60	354
	5	9/18/2012	11:00	1013	447	SFC	A2	Run	Cobble	L+B	2	12.4	120		155		5.0	60	354
	6	9/21/2012	11:00	1013	485	SFC	A2	Run	Cobble	L+B	2	12.1	110		153		5.0	60	354

Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water Temp. (C)	Clarity (cm)	Level (mm) (1-4)	Vel. (1-4)	Cond. (us/cm) (1-4)	Light (1-4)	Electrofisher		
																	A	V	
0503																			
	1	8/27/2012	10:15	1059 367	SFN	A3	Run	Cobble	None	2	9.9	209			178		4.0	60	354
	2	9/2/2012	10:30	1059 403	SFN	A3	Run	Cobble	None	2	11.0	210			171		3.4	60	354
	3	9/8/2012	9:45	1059 391	SFN	A3	Run	Cobble	None	2	11.5	155			159		4.8	60	354
	4	9/14/2012	10:15	1059 382	SFN	A3	Run	Cobble	None	2	12.2	0			155		5.0	60	354
	5	9/18/2012	10:00	1059 374	SFN	A3	Run	Cobble	None	2	12.4	120			155		5.0	60	354
	6	9/21/2012	10:00	1059 375	SFN	A3	Run	Cobble	None	2	12.1	110			153		5.0	60	354
0504																			
	1	8/27/2012	11:30	582 396	SFN	A3	Run	Cobble	None	1	10.4	209			178		4.2	60	354
	2	9/2/2012	12:30	582 432	SFN	A3	Run	Cobble	None	1	12.0	210			171		3.4	60	354
	3	9/8/2012	12:00	582 415	SFN	A3	Run	Cobble	None	1	12.3	160			159		5.0	60	354
	4	9/14/2012	11:15	582 401	SFN	A3	Run	Cobble	None	1	12.6	210			154		5.0	60	354
	5	9/18/2012	10:45	582 382	SFN	A3	Run	Cobble	None	1	12.4	120			155		5.0	60	354
	6	9/21/2012	10:45	582 387	SFN	A3	Run	Cobble	None	1	12.1	110			153		5.0	60	354
0505																			
	1	8/27/2012	13:00	976 520	SFC	A1	Run	Cobble	R+B	2	10.5	210			178		4.2	60	354
	2	9/2/2012	13:00	976 521	SFC	A1	Run	Cobble	R+B	2	12.1	170			174		4.0	60	354
	3	9/8/2012	13:00	976 555	SFC	A1	Run	Cobble	R+B	2	12.4	170			157		5.0	60	354
	4	9/14/2012	12:45	976 490	SFC	A1	Run	Cobble	R+B	2	12.6	210			154		6.0	60	354
	5	9/18/2012	11:30	976 533	SFC	A1	Run	Cobble	R+B	2	12.4	120			155		5.0	60	354
	6	9/21/2012	11:30	976 511	SFC	A1	Run	Cobble	R+B	2	12.1	110			153		5.0	60	354
0506																			
	1	8/27/2012	13:45	1069 618	SFC	A2	Run	Cobble	Bank	2	10.5	210			178		4.2	60	354
	2	9/2/2012	13:50	1069 596	SFC	A2	Run	Cobble	Bank	2	12.1	170			175		3.6	60	354
	3	9/8/2012	13:30	1069 656	SFC	A2	Run	Cobble	Bank	2	12.6	170			163		5.0	60	354
	4	9/14/2012	13:30	1069 578	SFC	A2	Run	Cobble	Bank	2	12.6	210			154		6.0	60	354
	5	9/18/2012	11:45	1069 577	SFC	A2	Run	Cobble	Bank	2	12.4	120			155		5.0	60	354
	6	9/21/2012	11:45	1069 582	SFC	A2	Run	Cobble	Bank	2	12.1	110			153		5.0	60	354

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Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Electrofisher			
											Temp. (C)	Clarity (cm)	Level (mm)	Vel. (1-4)	Cond. (us/cm) (1-4)	Light (1-4)	A
0507																	
	1	8/27/2012	14:30	1087	375	SFC	A2	Run	Cobble	L+B	2	11.3	210	178	4.2	60	354
	2	9/2/2012	14:30	1087	369	SFC	A2	Run	Cobble	L+B	2	12.2	170	177	3.4	60	354
	3	9/8/2012	14:15	1087	416	SFC	A2	Run	Cobble	L+B	2	12.7	180	155	5.0	60	354
	4	9/14/2012	14:00	1087	396	SFC	A2	Run	Cobble	L+B	2	12.6	210	156	5.0	60	354
	5	9/18/2012	12:15	1087	419	SFC	A2	Run	Cobble	L+B	2	12.4	120	155	5.0	60	354
	6	9/21/2012	12:00	1087	439	SFC	A2	Run	Cobble	L+B	2	12.1	110	153	5.0	60	354
0508																	
	1	8/27/2012	14:45	898	475	SFC	A2	Run	Cobble	Bank	1	11.3	210	178	4.2	60	354
	2	9/2/2012	15:15	898	577	SFC	A2	Run	Cobble	Bank	1	12.4	170	174	4.0	60	354
	3	9/8/2012	15:10	898	565	SFC	A2	Run	Cobble	Bank	1	13.1	135	161	5.0	60	354
	4	9/14/2012	14:45	898	510	SFC	A2	Run	Cobble	Bank	1	12.6	140	156	5.0	60	354
	5	9/18/2012	15:00	971	484	SFC	A2	Run	Cobble	Bank	1	12.4	120	155	5.0	60	354
	6	9/21/2012	15:30	971	485	SFC	A2	Run	Cobble	Bank	1	12.1	110	153	5.0	60	354
0509																	
	1	8/27/2012	15:45	1171	584	SFN	A3	Run	Cobble	None	1	11.7	210	169	5.0	60	354
	2	9/2/2012	16:00	1098	695	SFN	A3	Run	Cobble	None	1	12.4	170	189	4.0	60	354
	3	9/8/2012	16:00	1098	694	SFN	A3	Run	Cobble	None	1	13.1	160	160	5.0	60	354
	4	9/14/2012	15:30	1098	557	SFN	A3	Run	Cobble	None	1	12.6	140	156	5.0	60	354
	5	9/18/2012	12:45	898	533	SFN	A3	Run	Cobble	None	1	12.4	120	155	5.0	60	354
	6	9/21/2012	13:00	898	478	SFN	A3	Run	Cobble	None	1	12.1	110	153	5.0	60	354
0510																	
	1	8/28/2012	13:15	971	497	SFC	A1	Run	Cobble	R+L+B	2	10.8	185	167	4.5	60	354
	2	9/3/2012	14:30	971	577	SFC	A1	Run	Cobble	R+L+B	2	11.6	210	177	5.0	60	354
	3	9/9/2012	13:15	971	560	SFC	A1	Run	Cobble	R+L+B	2	13.1	170	157	5.0	60	354
	4	9/15/2012	13:15	971	458	SFC	A1	Run	Cobble	R+L+B	2	12.1	175	152	0.0	60	354
	5	9/18/2012	13:30	1171	630	SFC	A1	Run	Cobble	R+L+B	2	12.4	120	155	5.0	60	354
	6	9/21/2012	13:45	1171	597	SFC	A1	Run	Cobble	R+L+B	2	12.1	110	153	5.0	60	354

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Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Cond. (us/cm) (1-4)	Light (1-4)	Electrofisher		
											Temp. (C)	Clarity (cm)	Level (mm) (1-4)			Vel. (1-4)	A	Hz
0511																		
	1	8/28/2012	10:30	924	373	SFC	A2	Run	Cobble	R+B	2	10.5	210	170		4.5	60	354
	2	9/3/2012	10:15	1171	626	SFC	A2	Run	Cobble	R+B	2	10.4	210	170		4.6	60	354
	3	9/9/2012	9:45	1171	546	SFC	A2	Run	Cobble	R+B	2	12.1	160	155		5.0	60	354
	4	9/15/2012	9:45	1171	573	SFC	A2	Run	Cobble	R+B	2	11.5	185	153		5.0	60	354
	5	9/18/2012	14:00	924	410	SFC	A2	Run	Cobble	R+B	2	12.4	120	155		5.0	60	354
	6	9/21/2012	14:00	924	316	SFC	A2	Run	Cobble	R+B	2	12.1	110	153		5.0	60	354
0512																		
	1	8/28/2012	10:00	1098	562	SFN	A3	Run	Cobble	None	1	10.5	210	170		4.5	60	354
	2	9/3/2012	11:15	924	470	SFN	A3	Run	Cobble	None	1	11.4	210	228		5.0	60	354
	3	9/9/2012	10:20	924	457	SFN	A3	Run	Cobble	None	1	12.3	170	158		5.0	60	354
	4	9/15/2012	10:30	924	405	SFN	A3	Run	Cobble	None	1	12.0	185	153		5.2	60	354
	5	9/18/2012	13:15	1098	620	SFN	A3	Run	Cobble	None	1	12.4	120	155		5.0	60	354
	6	9/21/2012	13:15	1098	614	SFN	A3	Run	Cobble	None	1	12.1	110	153		5.0	60	354
0513																		
	1	8/28/2012	12:00	999	400	SFN	A3	Run	Cobble	None	1	10.5	185	170		5.0	60	354
	2	9/3/2012	13:00	999	449	SFN	A3	Run	Cobble	None	1	12.1	210	181		5.0	60	354
	3	9/9/2012	11:45	999	432	SFN	A3	Run	Cobble	None	1	12.9	170	157		5.0	60	354
	4	9/15/2012	12:00	999	413	SFN	A3	Run	Cobble	None	1	12.1	175	152		0.0	60	354
	5	9/18/2012	14:30	999	400	SFN	A3	Run	Cobble	None	1	12.4	120	155		5.0	60	354
	6	9/21/2012	14:45	999	382	SFN	A3	Run	Cobble	None	1	12.1	110	153		5.0	60	354
0514																		
	1	8/28/2012	13:00	785	314	SFN	A3	Run	Cobble	None	1	10.5	185	170		4.5	60	354
	2	9/3/2012	14:00	785	354	SFN	A3	Run	Cobble	None	1	12.1	210	180		4.8	60	354
	3	9/9/2012	12:45	785	365	SFN	A3	Run	Cobble	None	1	13.1	170	156		4.8	60	354
	4	9/15/2012	12:45	785	327	SFN	A3	Run	Cobble	None	1	12.1	175	152		0.0	60	354
	5	9/18/2012	14:45	785	300	SFN	A3	Run	Cobble	None	1	12.4	120	155		5.0	60	354
	6	9/21/2012	15:15	785	312	SFN	A3	Run	Cobble	None	1	12.1	110	153		5.0	60	354

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Appendix B Table B1. Standard boat electrofisher sampling conditions, 2012 Peace River Fish Index Project.

Area Site Label	Run	Date	Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Clarity (cm)	Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)		Electrofisher		
											Temp. (C)	Temp. (C)					A	Hz	V	V	
	0515																				
	1	8/28/2012	11:15	802	511	SFN	A3	Run	Cobble	None	1	10.5	210			170			4.5	60	354
	2	9/3/2012	12:00	802	516	SFN	A3	Run	Cobble	None	1	10.9	210			171			5.0	60	354
	3	9/9/2012	11:00	802	533	SFN	A3	Run	Cobble	None	1	12.3	170			156			4.8	60	354
	4	9/15/2012	11:15	802	975	SFN	A3	Run	Cobble	None	1	12.0	185			153			0.0	60	354
	5	9/18/2012	14:15	802	485	SFN	A3	Run	Cobble	None	1	12.4	120			155			5.0	60	354
	6	9/21/2012	14:30	802	489	SFN	A3	Run	Cobble	None	1	12.1	110			153			5.0	60	354

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APPENDIX C
Biological Characteristics

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Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	1	White sucker	371	702			0			
	1	2	Mountain whitefish	290	236	SCALES		0	PIT	900026000055192	
	1	3	Mountain whitefish	281	224	SCALES		0	PIT	900026000055648	
	1	4	Mountain whitefish	333	376	SCALES		0	PIT	900026000057365	
	1	5	Mountain whitefish	290		SCALES		0	PIT	900026000057021	
	1	6	Mountain whitefish	237	140	SCALES		0			
	1	7	Mountain whitefish	298	236	SCALES		0			
	1	8	Kokanee	178	50			0			
	1	9	Kokanee	203	90			0			
	1	10	Kokanee	207	80			0			
	1	11	Mountain whitefish	277	236	SCALES		0	PIT	900026000061957	
	1	12	Kokanee	154	34			0			
	1	13	Mountain whitefish	316	326	SCALES		2	PIT	96500000090489	
	1	14	Mountain whitefish	307	274	SCALES	4	0	PIT	900026000057570	
	1	15	Kokanee	184	50			0			
	1	16	Kokanee	153	26			0			
	1	17	Rainbow trout	212	124	SCALES		0			
	1	18	Kokanee	118	12	SCALES		0			
	1	19	Mountain whitefish	268	198	SCALES		0	PIT	900026000053852	
	1	20	Mountain whitefish	272	216	SCALES		0	PIT	900026000055440	
	1	21	Mountain whitefish	235	130	SCALES	3	0			
	1	22	Kokanee	202	104			0			
	1	23	Kokanee	187	58			0			
	1	24	Kokanee	124	14			0			
	1	25	Kokanee	120	10			0			
	1	26	Kokanee	125	16			0			
	1	27	Kokanee	184	54			0			
	1	28	Kokanee	137	16			0			
	1	29	Mountain whitefish	327	346	SCALES		2	PIT	96500000092659	
	1	30	Kokanee	173	46			0			
	1	31	Mountain whitefish	291	214	SCALES		0	PIT	900026000053819	
	1	32	Mountain whitefish	317	294	SCALES		0	PIT	900026000035258	
	1	33	Mountain whitefish	264	228	SCALES		0			
	1	34	Mountain whitefish	333	424	SCALES		2	PIT	900026000061774	
	1	35	Mountain whitefish	256	182	SCALES		0	PIT	900026000060874	
	1	36	Kokanee	187	54			0			
	1	37	Rainbow trout	273	252	SCALES		0	PIT	900026000053199	
	1	38	Kokanee	185	60			0			
	1	39	Mountain whitefish	276	250	SCALES		0	PIT	900026000054052	
	1	40	Mountain whitefish	298	286	SCALES	4	2	PIT	965000000248133	
	1	41	Mountain whitefish	310	276	SCALES		0	PIT	900026000055260	
	1	42	Mountain whitefish	277	224	SCALES		2	PIT	900026000063830	
	1	43	Mountain whitefish	258	178	SCALES		0	PIT	900026000055233	
	1	44	Kokanee	189	74			0			
	1	45	Mountain whitefish	291	270	SCALES		0	PIT	900026000056483	
	1	46	Mountain whitefish	310	300	SCALES		2	PIT	96500000090493	
	1	47	Mountain whitefish	246	166	SCALES		0			
	1	48	Mountain whitefish	295	276	SCALES		2	PIT	900026000061050	
	1	49	Mountain whitefish	286	276	SCALES		0	PIT	900026000054105	
	1	50	Mountain whitefish	282	220	SCALES	4	2	PIT	965000000282208	
	1	51	Mountain whitefish	275	198	SCALES		0	PIT	900026000053829	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	52	Mountain whitefish	370	484	SCALES		0	PIT	900026000053904	
	1	53	Mountain whitefish	348	384	SCALES	6	0	PIT	900026000055531	
	1	54	Mountain whitefish	339	366	SCALES		2	PIT	965000000087080	
	1	55	Mountain whitefish	274	222	SCALES		0	PIT	900026000055234	
	1	56	Kokanee	193	76			0			
	1	57	Mountain whitefish	308	298	SCALES		2	FLOY	3145ORANGE	
	1	58	Mountain whitefish	293	236	SCALES		0	PIT	900026000053855	
	1	59	Mountain whitefish	341	376	SCALES		0	PIT	900026000053997	
	1	60	Mountain whitefish	224	128	SCALES		0			
	1	61	Mountain whitefish	296	266	SCALES		0	PIT	900026000053573	
	1	62	Mountain whitefish	271	224	SCALES		0	PIT	900026000063155	
	1	63	Bull trout	312	376	FIN RAY	3	0	PIT	900026000065586	
	1	64	Mountain whitefish	320	318	SCALES		0	PIT	900026000053657	
	1	65	Mountain whitefish	249	178	SCALES		0			
	1	66	Rainbow trout	282	198			0	PIT	900026000056500	
	1	67	Longnose sucker	460	1210			0			
	1	68	Longnose sucker	399	1126			0			
	1	69	White sucker	415	1064			0			
	1	70	Mountain whitefish	377	476	SCALES		2	PIT	965000000246460	
	1	71	Mountain whitefish	282	248	SCALES	4	0	PIT	900026000053931	
	1	72	Mountain whitefish	317	278	SCALES		2	PIT	900026000060705	
	1	73	Mountain whitefish	282	248	SCALES		2	PIT	965000000246804	
	1	74	Mountain whitefish	263	198	SCALES		0	PIT	900026000057298	
	1	75	Mountain whitefish	252	192	SCALES		0	PIT	900026000051644	
	1	76	Longnose sucker	380	642			0			
	1	77	Mountain whitefish	313	292	SCALES		2	PIT	965000000110187	
	1	78	Mountain whitefish	316	294	SCALES		2	PIT	0A00721522	
	1	79	Mountain whitefish	353	408	SCALES		0	PIT	900026000051987	
	1	80	Mountain whitefish	287	272	SCALES		0	PIT	900026000054031	
	1	81	Mountain whitefish	261	210	SCALES		0	PIT	900026000052140	
	1	82	Mountain whitefish	317	296	SCALES		2	PIT	965000000246414	
	1	83	Mountain whitefish	307	288	SCALES		2	FLOY	3642YELLOW	
	1	84	Mountain whitefish	300	260	SCALES		0	PIT	900026000055476	
	1	85	Mountain whitefish	277	216	SCALES		0	PIT	900026000063298	
	1	86	Mountain whitefish	343	398	SCALES		2	PIT	900026000061101	
	1	87	Mountain whitefish	279	248	SCALES		2	PIT	965000000281404	
	1	88	Mountain whitefish	312	320	SCALES		2	PIT	900026000062083	
	1	89	Mountain whitefish	338	382	SCALES		0			
	1	90	Mountain whitefish	273	224	SCALES		0	PIT	900026000052372	
	1	91	Mountain whitefish	238	148	SCALES		0			
	1	92	Mountain whitefish	234	130	SCALES		0			
	1	93	Mountain whitefish	273	204	SCALES		2	PIT	965000000079581	
	1	94	Mountain whitefish	320	310	SCALES		0	PIT	900026000055317	
	1	95	Mountain whitefish	295	310	SCALES		2	PIT	965000000009238	
	1	96	Mountain whitefish	259	172	SCALES		0	PIT	900026000055375	
	1	97	Mountain whitefish	308	290	SCALES		0	PIT	900026000056081	
	1	98	Mountain whitefish	252	172	SCALES		0	PIT	900026000053795	
	1	99	Mountain whitefish	316	282	SCALES		0	PIT	900026000057623	
	1	100	Mountain whitefish	267	218	SCALES		0	PIT	900026000060479	
	1	101	Mountain whitefish	215	106	SCALES		0			
	1	102	Mountain whitefish	237	124	SCALES	3	0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	103	Mountain whitefish	298	248	SCALES		2	FLOY	13025	WHITE
	1	104	Mountain whitefish	261	206	SCALES		0	PIT	900026000053777	
	1	105	Mountain whitefish	270	222	SCALES		0	PIT	900026000052582	
	1	106	Mountain whitefish	248	142	SCALES		0			
	1	107	Mountain whitefish	248	174	SCALES		0			
	1	108	Mountain whitefish	226	126	SCALES		0			
	1	109	Mountain whitefish	235	142	SCALES		0			
	1	110	Mountain whitefish	284	254	SCALES	4	0	PIT	900026000053313	
	1	111	Mountain whitefish	278	276	SCALES		0	PIT	900026000051196	
	1	112	Mountain whitefish	335	370	SCALES		0	PIT	900026000035564	
	1	113	Mountain whitefish	242	168	SCALES		0			
	1	114	Kokanee	204	88			0			
	1	115	Mountain whitefish	307	318	SCALES		0	PIT	900026000052421	
	1	116	Mountain whitefish	215	106	SCALES		0			
	1	117	Mountain whitefish	256	210	SCALES		0	PIT	900026000055144	
	1	118	Mountain whitefish	227	122	SCALES		0			
	1	119	Mountain whitefish	254	202	SCALES		0	PIT	900026000056526	
	1	120	Mountain whitefish	243	188	SCALES		0			
	1	121	Mountain whitefish	316	306	SCALES		0	PIT	900026000055381	
	1	122	Mountain whitefish	263	218	SCALES		0	PIT	900026000054102	
	1	123	Mountain whitefish	278	262	SCALES		2	PIT	900026000060774	
	1	124	Mountain whitefish	357	424	SCALES		0	PIT	900026000054098	
	1	125	Mountain whitefish	298	262	SCALES		0	PIT	900026000052215	
	1	126	Mountain whitefish	262	202	SCALES		2	PIT	900026000057298	
	1	127	Mountain whitefish	351	400	SCALES		2	PIT	965000000238901	
	1	128	Kokanee	184	84			0			
	1	129	Mountain whitefish	287	250	SCALES		0	PIT	900026000055316	
	1	130	Mountain whitefish	333	322	SCALES		0	PIT	900026000052481	
	1	131	Mountain whitefish	277	218	SCALES	4	2	PIT	900026000061831	
	1	132	Mountain whitefish	266	212	SCALES		0	PIT	900026000056063	
	1	133	Mountain whitefish	244	158	SCALES		0			
	1	134	Mountain whitefish	289	246	SCALES		0	PIT	900026000055724	
	1	135	Mountain whitefish	290	246	SCALES		0	PIT	900026000053951	
	1	136	Mountain whitefish	281	228	SCALES		0	PIT	900026000053971	
	1	137	Mountain whitefish	340	406	SCALES		2	PIT	965000000245516	
	1	138	Mountain whitefish	330	334	SCALES		2	FLOY	7956	YELLOW
	1	139	Mountain whitefish	294	272	SCALES		0	PIT	900026000053998	
	1	140	Mountain whitefish	301	276	SCALES		2	PIT	900026000061045	
	1	141	Mountain whitefish	255	212	SCALES		0			
	1	142	Mountain whitefish	425	806	SCALES		0	PIT	900026000052452	
	1	143	Mountain whitefish	300	272	SCALES		0	PIT	900026000054009	
	1	144	Mountain whitefish	250	182	SCALES		0	PIT	900026000055494	
	1	145	Mountain whitefish	310	274	SCALES		2	PIT	965000000066382	
	1	146	Mountain whitefish	279	238	SCALES		0	PIT	900026000053935	
	1	147	Mountain whitefish	338	374	SCALES		0	PIT	900026000055826	
	1	148	Mountain whitefish	247	180	SCALES		0			
	1	149	Mountain whitefish	292	282	SCALES		0	PIT	900026000035217	
	1	150	Mountain whitefish	268	190	SCALES		0	PIT	900026000053873	
	1	151	Mountain whitefish	332	256	SCALES		2	PIT	965000000093648	
	1	152	Mountain whitefish	262	194	SCALES	4	0	PIT	900026000055943	
	1	153	Mountain whitefish	257	196	SCALES		0	PIT	900026000054096	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
1												
	1	154	Mountain whitefish	342	424	SCALES		2	PIT	965000000245630		
	1	155	Mountain whitefish	337	356	SCALES		0	PIT	900026000053920		
	1	156	Rainbow trout	281	246	SCALES		0	PIT	900026000051346		
	1	157	Mountain whitefish	227	134	SCALES		0				
	1	158	Rainbow trout	222	152	SCALES		0				
	1	159	Mountain whitefish	292	260	SCALES		0	PIT	900026000053293		
	1	160	Mountain whitefish	322	318	SCALES		2	PIT	965000000239511		
	1	161	Mountain whitefish	278	200	SCALES		0	PIT	900026000055355		
	1	162	Mountain whitefish	279	222	SCALES		0	PIT	900026000035215		
	1	163	Mountain whitefish	209	106	SCALES	2	0				
	1	164	Mountain whitefish	354	404	SCALES		2	PIT	965000000240054		
	1	165	Mountain whitefish	286	234	SCALES		0	PIT	900026000052162		
	1	166	Mountain whitefish	283	262	SCALES		0	PIT	900026000056130		
	1	167	Mountain whitefish	213	106	SCALES		0				
	1	168	Mountain whitefish	224	136	SCALES		0				
	1	169	Mountain whitefish	286	236	SCALES		0	PIT	900026000052192		
	1	170	Mountain whitefish	286	266	SCALES		2	PIT	900026000060427		
	1	171	Mountain whitefish	322	350	SCALES		0	PIT	900026000054001		
	1	172	Mountain whitefish	303	300	SCALES		2	PIT	4D00033712		
	1	173	Mountain whitefish	306	280	SCALES		0	PIT	900026000051187		
	1	174	Mountain whitefish	272	248	SCALES		0	PIT	900026000055437		
	1	175	Mountain whitefish	306	266	SCALES		2	FLOY		7938YELLOW	
	1	176	Mountain whitefish	203	92	SCALES	2	0				
	1	177	Mountain whitefish	229	146	SCALES		1				
	1	178	Mountain whitefish	281	252	SCALES		2	PIT	900026000053313		
	1	179	Rainbow trout	179	70	SCALES		0				
	1	180	Mountain whitefish	240	150	SCALES		0				
	1	181	Mountain whitefish	344	408	SCALES		2	PIT	965000000241122		
	1	182	Mountain whitefish	260	212	SCALES		0	PIT	900026000051319		
	1	183	Mountain whitefish	406	544	SCALES		0	PIT	900026000054076		
	1	184	Mountain whitefish	266	226	SCALES		2	PIT	965000000092829		
	1	185	Mountain whitefish	266	206	SCALES		3	PIT	900026000055889		
	1	186	Bull trout	773		FIN RAY	10	0	PIT	900026000056268		
	1	187	Mountain whitefish	316	300	SCALES		0	PIT	900026000055823		
	1	188	Mountain whitefish	266	206	SCALES		0	PIT	900026000055160		
	1	189	Mountain whitefish	274	210	SCALES		2	PIT	900026000061550		
	1	190	Mountain whitefish	259	190	SCALES		0	PIT	900026000055469		
	1	191	Mountain whitefish	326	338	SCALES		2	PIT	0A00726321		
	1	192	Mountain whitefish	254	186	SCALES		0	PIT	900026000063276		
	1	193	Mountain whitefish	290	258	SCALES		0	PIT	900026000035199		
	1	194	Mountain whitefish	347	404	SCALES		0	PIT	900026000051153		
	1	195	Mountain whitefish	249	162	SCALES		0				
	1	196	Mountain whitefish	321	330	SCALES		0	PIT	900026000053956		
	1	197	Bull trout	180	54	SCALES		2	0			
	1	198	Mountain whitefish	277	232	SCALES		4	0	PIT	900026000034838	
	1	199	Mountain whitefish	349	420	SCALES		2	PIT	965000000242774		
	1	200	Mountain whitefish	306	306	SCALES		2	PIT	965000000072278		
	1	201	Mountain whitefish	269	232	SCALES		4	0	PIT	900026000053942	
	1	202	Mountain whitefish	230	136	SCALES		0				
	1	203	Mountain whitefish	316	304	SCALES		2	PIT	965000000107438		
	1	204	Mountain whitefish	257	162	SCALES		0	PIT	900026000052054		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	205	Mountain whitefish	295	252	SCALES		2	PIT	96500000084569	
	1	206	Mountain whitefish	258	190	SCALES		0	PIT	900026000053940	
	1	207	Mountain whitefish	225	128	SCALES		0			
	1	208	Mountain whitefish	249	148	SCALES		0			
	1	209	Mountain whitefish	250	172	SCALES		0	PIT	900026000052281	
	1	210	Mountain whitefish	310	292	SCALES		2	PIT	965000000002143	
	1	211	Mountain whitefish	224	120	SCALES		0			
	1	212	Mountain whitefish	238	144	SCALES		0			
	1	213	Mountain whitefish	281	228	SCALES	4	0	PIT	900026000063496	
	1	214	Mountain whitefish	290	240	SCALES		0	PIT	900026000053746	
	1	215	Mountain whitefish	249	146	SCALES	3	0			
	1	216	Mountain whitefish	271	200	SCALES	3	0	PIT	900026000054010	
	1	217	Mountain whitefish	199	90	SCALES	2	0			
	1	218	Mountain whitefish	276	202	SCALES		2	PIT	965000000087784	
	1	219	Mountain whitefish	256	182	SCALES		0	PIT	900026000056446	
	1	220	Mountain whitefish	264	166	SCALES	4	0	PIT	900026000056591	
	1	221	Rainbow trout	237	148	SCALES		0			
	1	222	Mountain whitefish	303	256	SCALES	6	2	PIT	965000000247017	
	1	223	Mountain whitefish	214	98	SCALES	3	0			
	1	224	Mountain whitefish	356	422	SCALES	8	0	PIT	900026000052206	
	1	225	Mountain whitefish	293		SCALES		0	PIT	900026000055645	
	1	226	Mountain whitefish	346	416	SCALES		0	PIT	900026000057160	
	1	227	Mountain whitefish	276	250	SCALES		0	PIT	900026000034719	
	1	228	Mountain whitefish	279	248	SCALES		0	PIT	900026000055426	
	1	229	Mountain whitefish	292	262	SCALES		0	PIT	900026000053803	
	1	230	Mountain whitefish	323	326	SCALES		2	FLOY	9411	WHITE
	1	231	Mountain whitefish	355	466	SCALES		0	PIT	900026000064522	
	1	232	Mountain whitefish	240	186	SCALES		0			
	1	233	Mountain whitefish	324	318	SCALES		0	PIT	900026000053764	
	1	234	Mountain whitefish	293	274	SCALES		0	PIT	900026000052006	
	1	235	Mountain whitefish	288	232	SCALES		0	PIT	900026000055481	
	1	236	Mountain whitefish	230	142	SCALES		0			
	1	237	Mountain whitefish	335	386	SCALES		0	PIT	900026000054133	
	1	238	Mountain whitefish	294	288	SCALES		0	PIT	900026000051163	
	1	239	Mountain whitefish	296	334	SCALES		0	PIT	900026000057051	
	1	240	Mountain whitefish	340	426	SCALES		0	PIT	900026000055354	
	1	241	Mountain whitefish	320	340	SCALES		0	PIT	900026000055688	
	1	242	Mountain whitefish	293	272	SCALES		0	PIT	900026000034691	
	1	243	Mountain whitefish	248	160	SCALES		0			
	1	244	Mountain whitefish	237	168	SCALES		0			
	1	245	Mountain whitefish	283	244	SCALES		0	PIT	900026000055967	
	1	246	Mountain whitefish	293	280	SCALES		0	PIT	900026000057127	
	1	247	Mountain whitefish	365	542	SCALES		0	PIT	900026000055668	
	1	248	Mountain whitefish	250	186	SCALES		0	PIT	900026000053220	
	1	249	Mountain whitefish	283	242	SCALES		0	PIT	900026000052384	
	1	250	Mountain whitefish	230	138	SCALES		0			
	1	251	Mountain whitefish	312	302	SCALES		0	PIT	900026000055945	
	1	252	Mountain whitefish	247	186	SCALES		0			
	1	253	Mountain whitefish	293	266	SCALES	4	0	PIT	900026000056046	
	1	254	Mountain whitefish	305	352	SCALES		0	PIT	900026000055225	
	1	255	Mountain whitefish	358	454	SCALES		0	PIT	900026000052748	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
0101	1	256	Mountain whitefish	298	256	SCALES		2	PIT	900026000062089	
0101	1	257	Mountain whitefish	238	168	SCALES		0			
0101	1	258	Mountain whitefish	262	188	SCALES		0	PIT	900026000052467	
0101	1	259	Mountain whitefish	235	174	SCALES		0			
0101	1	260	Mountain whitefish	285	250	SCALES		2	PIT	965000000110465	
0101	1	261	Mountain whitefish	276	220	SCALES		0	PIT	900026000053949	
0101	1	262	Mountain whitefish	338	344	SCALES		0	PIT	900026000056671	
0101	1	263	Mountain whitefish	248	194	SCALES		0			
0101	1	264	Mountain whitefish	296	254	SCALES		0	PIT	900026000052002	
0101	1	265	Mountain whitefish	262	198	SCALES		0	PIT	900026000055202	
0101	1	266	Mountain whitefish	311	358	SCALES		0			
0101	1	267	Mountain whitefish	263	210	SCALES		0	PIT	900026000052272	
0101	1	268	Mountain whitefish	276	224	SCALES		0	PIT	900026000055989	
0101	1	269	Mountain whitefish	234	148	SCALES		0			
0101	1	270	Mountain whitefish	254	206	SCALES		0			
0101	1	271	Mountain whitefish	300	286	SCALES		0	PIT	900026000034846	
0101	1	272	Mountain whitefish	246	174	SCALES		0			
0101	1	273	Mountain whitefish	283	290	SCALES		0	PIT	900026000051755	
0101	1	274	Mountain whitefish	243	168	SCALES		0			
0101	1	275	Mountain whitefish	272	250	SCALES	4	2	PIT	900026000052884	
0101	1	276	Mountain whitefish	284	232	SCALES		0	PIT	900026000034884	
0101	1	277	Mountain whitefish	273	224	SCALES		0	PIT	900026000055334	
0101	1	278	Mountain whitefish	284	208	SCALES		0	PIT	900026000055358	
0101	1	279	Mountain whitefish	236	140	SCALES		0			
0101	1	280	Mountain whitefish	279	268	SCALES		0	PIT	900026000053984	
0101	1	281	Mountain whitefish	333	362	SCALES		0	PIT	900026000052074	
0101	1	282	Mountain whitefish	247	174	SCALES		0			
0101	1	283	Mountain whitefish	278	260	SCALES		2	PIT	965000000002148	
0101	1	284	Mountain whitefish	298	264	SCALES		0	PIT	900026000052456	
0101	1	285	Mountain whitefish	222	132	SCALES		0			
0101	1	286	Mountain whitefish	265	208	SCALES		0	PIT	900026000035569	
0101	1	287	Mountain whitefish	280	246	SCALES		0	PIT	900026000052659	
0101	1	288	Mountain whitefish	227	146	SCALES		0			
0101	1	289	Mountain whitefish	266	226	SCALES		0	PIT	900026000054130	
0101	1	290	Mountain whitefish	340	394	SCALES	9	0	PIT	900026000055388	
0101	1	291	Mountain whitefish	255	212	SCALES		0	PIT	900026000035151	
0101	1	292	Mountain whitefish	340	414	SCALES		0	PIT	900026000053836	
0101	1	293	Mountain whitefish	268	226	SCALES		0	PIT	900026000055628	
0101	1	294	Mountain whitefish	330	390	SCALES		2	PIT	0A00752118	
0101	1	295	Mountain whitefish	292	264	SCALES	4	0	PIT	900026000054061	
0101	1	296	Mountain whitefish	340	396	SCALES		0	PIT	900026000054103	
0101	1	297	Mountain whitefish	339	406	SCALES		0	PIT	900026000055467	
0101	1	298	Mountain whitefish	243	186	SCALES		0			
0101	1	299	Mountain whitefish	267	254	SCALES		0			
0101	1	300	Mountain whitefish	296	240	SCALES	4	0	PIT	900026000056020	
0101	1	301	Mountain whitefish	331	428	SCALES		0	PIT	900026000063631	
0101	1	302	Mountain whitefish	352	414	SCALES		0	PIT	900026000055619	
0101	1	303	Mountain whitefish	276	274	SCALES		0	PIT	900026000055224	
0101	1	304	Mountain whitefish	243	172	SCALES		0			
0101	1	305	Mountain whitefish	227	136	SCALES		0			
0101	1	306	Mountain whitefish	236	158	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	307	Mountain whitefish	267	242	SCALES		0	PIT	900026000055576	
	1	308	Mountain whitefish	282	234	SCALES		0	PIT	900026000055343	
	1	309	Mountain whitefish	269	202	SCALES		0	PIT	900026000051528	
	1	310	Mountain whitefish	382	512	SCALES		0	PIT	900026000055351	
	1	311	Mountain whitefish	342	382	SCALES		0	PIT	900026000053871	
	1	312	Mountain whitefish	360	408	SCALES		0	PIT	900026000055720	
	1	313	Mountain whitefish	355	462	SCALES		0	PIT	900026000055194	
	1	314	Mountain whitefish	253	184	SCALES		0	PIT	900026000055203	
	1	315	Mountain whitefish	302	298	SCALES		0	PIT	900026000056191	
	1	316	Mountain whitefish	267	236	SCALES		0	PIT	900026000052391	
	1	317	Mountain whitefish	337	488	SCALES		0	PIT	900026000053248	
	1	318	Mountain whitefish	243	180	SCALES		0			
	1	319	Mountain whitefish	278	228	SCALES	3	0	PIT	900026000056856	
	1	320	Mountain whitefish	277	202	SCALES		2	PIT	900026000061855	
	1	321	Mountain whitefish	275	230	SCALES		0	PIT	900026000035494	
	1	322	Mountain whitefish	267	256	SCALES		0	PIT	900026000035530	
	1	323	Mountain whitefish	282	218	SCALES		0	PIT	900026000055723	
	1	324	Mountain whitefish	256	184	SCALES		0	PIT	900026000053589	
	1	325	Mountain whitefish	292	272	SCALES		2	PIT	965000000072897	
	1	326	Mountain whitefish	223	130	SCALES		0			
	1	327	Mountain whitefish	266	228	SCALES		0	PIT	900026000053914	
	1	328	Mountain whitefish	229	154	SCALES		0			
	1	329	Mountain whitefish	269	220	SCALES		0	PIT	900026000053776	
	1	330	Mountain whitefish	364	568	SCALES		0	PIT	900026000053993	
	1	331	Mountain whitefish	303		SCALES	5	0	PIT	900026000056598	
	1	332	Mountain whitefish	328	382	SCALES	6	2	PIT	0A00724815	
	1	333	Mountain whitefish	298	240	SCALES		0	PIT	900026000055279	
	1	334	Mountain whitefish	337	390	SCALES		0	PIT	900026000055556	
	1	335	Mountain whitefish	291	254	SCALES		0	PIT	900026000052232	
	1	336	Mountain whitefish	354	444	SCALES		2	PIT	965000000246303	
	1	337	Mountain whitefish	284	238	SCALES		0	PIT	900026000056300	
	1	338	Mountain whitefish	287	304	SCALES		0	PIT	900026000055374	
	1	339	Mountain whitefish	367	610	SCALES		0	PIT	900026000055268	
	1	340	Mountain whitefish	277	194	SCALES		0	PIT	900026000060346	
	1	341	Mountain whitefish	286	300	SCALES		0	PIT	900026000056666	
	1	342	Mountain whitefish	326	402	SCALES		0	PIT	900026000053824	
	1	343	Mountain whitefish	314	290	SCALES		0	PIT	900026000055802	
	1	344	Mountain whitefish	312	314	SCALES		2	PIT	965000000246475	
	1	345	Mountain whitefish	267	222	SCALES		0	PIT	900026000056540	
	1	346	Mountain whitefish	326	288	SCALES		0	PIT	900026000035261	
	1	347	Mountain whitefish	301	256	SCALES		0	PIT	900026000055578	
	1	348	Mountain whitefish	304	304	SCALES		0	PIT	900026000051377	
	1	349	Mountain whitefish	323	360	SCALES		0	PIT	900026000053895	
	1	350	Mountain whitefish	301	332	SCALES		0	PIT	900026000055495	
	1	351	Mountain whitefish	241	162	SCALES		0			
	1	352	Mountain whitefish	264	224	SCALES		0	PIT	900026000055223	
	1	353	Mountain whitefish	294	330	SCALES		0	PIT	900026000063426	
	1	354	Mountain whitefish	304	304	SCALES		0	PIT	900026000052410	
	1	355	Mountain whitefish	293	262	SCALES		0	PIT	900026000052409	
	1	356	Mountain whitefish	262	198	SCALES		0	PIT	900026000054067	
	1	357	Mountain whitefish	308	240	SCALES		0	PIT	900026000055768	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
1												
	1	0102	358 Mountain whitefish	314	344	SCALES		2	PIT	900026000062025		
	1	0102	359 Mountain whitefish	306	312	SCALES		0	PIT	900026000063286		
	1	0102	360 Mountain whitefish	286	234	SCALES		0	PIT	900026000063317		
	1	0102	361 Mountain whitefish	264	228	SCALES		0	PIT	900026000051985		
	1	0102	362 Mountain whitefish	298	252	SCALES		0	PIT	900026000056156		
	1	0102	363 Mountain whitefish	292	244	SCALES		0	PIT	900026000052191		
	1	0102	364 Mountain whitefish	237	190	SCALES		0				
	1	0102	365 Mountain whitefish	338	282	SCALES		0	PIT	900026000053501		
	1	0102	366 Mountain whitefish	310	328	SCALES		0	PIT	900026000055519		
	1	0102	367 Mountain whitefish	319	350	SCALES		2	PIT	965000000242768		
	1	0102	368 Mountain whitefish	290	264	SCALES		0	PIT	900026000052499		
	1	0102	369 Mountain whitefish	308	330	SCALES		0	PIT	900026000053851		
	1	0102	370 Mountain whitefish	314	310	SCALES		0	PIT	900026000056131		
	1	0102	371 Mountain whitefish	331	342	SCALES		0	PIT	900026000056377		
	1	0102	372 Mountain whitefish	332	324	SCALES		0	PIT	900026000033597		
	1	0102	373 Mountain whitefish	299	278	SCALES		0	PIT	900026000053948		
	1	0102	374 Mountain whitefish	346	394	SCALES		0	PIT	900026000052145		
	1	0102	375 Mountain whitefish	318	328	SCALES		2	PIT	900026000035369		
	1	0102	376 Mountain whitefish	277	252	SCALES		2	PIT	965000000282383		
	1	0102	377 Mountain whitefish	302	300	SCALES		5	0	PIT	900026000053973	
	1	0102	378 Mountain whitefish	336	394	SCALES		2	PIT	965000000237866		
	1	0102	379 Mountain whitefish	284	286	SCALES		0	PIT	900026000053747		
	1	0102	380 Mountain whitefish	254	192	SCALES		4	0	PIT	900026000057359	
	1	0102	381 Mountain whitefish	308	334	SCALES		5	2	PIT	900026000062061	
	1	0102	382 Mountain whitefish	310	286	SCALES		0	PIT	900026000055782		
	1	0102	383 Mountain whitefish	290	260	SCALES		0	PIT	900026000051897		
	1	0102	384 Mountain whitefish	270	232	SCALES		0	PIT	900026000051695		
	1	0102	385 Mountain whitefish	325	400	SCALES		6	0	PIT	900026000056029	
	1	0102	386 Mountain whitefish	351	416	SCALES		2	PIT	900026000060793		
	1	0102	387 Mountain whitefish	322	376	SCALES		2	PIT	965000000090594		
	1	0102	388 Mountain whitefish	281	270	SCALES		2	PIT	965000000089925		
	1	0102	389 Mountain whitefish	302	302	SCALES		0	PIT	900026000035286		
	1	0102	390 Mountain whitefish	388	576	SCALES		0	PIT	900026000052363		
	1	0102	391 Mountain whitefish	314	354	SCALES		0	PIT	900026000056101		
	1	0102	392 Mountain whitefish	314	366	SCALES		0	PIT	900026000057148		
	1	0102	393 Mountain whitefish	334	336	SCALES		0	PIT	900026000054065		
	1	0102	394 Mountain whitefish	324	352	SCALES		0	PIT	900026000051472		
	1	0102	395 Mountain whitefish	264	254	SCALES		0	PIT	900026000055689		
	1	0102	396 Mountain whitefish	265	238	SCALES		0	PIT	900026000035339		
	1	0102	397 Mountain whitefish	309	324	SCALES		2	PIT	965000000244382		
	1	0102	398 Mountain whitefish	334	376	SCALES		2	PIT	0A00713750		
	1	0102	399 Mountain whitefish	218	134	SCALES		0				
	1	0102	400 Mountain whitefish	242	164	SCALES		0				
	1	0102	401 Mountain whitefish	254	208	SCALES		3	0	PIT	900026000053784	
	1	0102	402 Mountain whitefish	254	182	SCALES		0	PIT	900026000052796		
	1	0102	403 Mountain whitefish	309	318	SCALES		0	PIT	900026000053992		
	1	0102	404 Mountain whitefish	284	274	SCALES		0	PIT	900026000052111		
	1	0102	405 Mountain whitefish	271	244	SCALES		0	PIT	900026000051733		
	1	0102	406 Mountain whitefish	238	148	SCALES		0				
	1	0102	407 Mountain whitefish	289	326	SCALES		0	PIT	900026000034635		
	1	0102	408 Mountain whitefish	308	284	SCALES		0	PIT	900026000051750		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	0102	Mountain whitefish	236	162	SCALES		0			
	1	0102	Mountain whitefish	239	140	SCALES		0			
	1	0102	Mountain whitefish	297	306	SCALES		0	PIT	900026000057019	
	1	0102	Mountain whitefish	252	176	SCALES		0	PIT	900026000055715	
	1	0102	Mountain whitefish	273	266	SCALES		0	PIT	900026000053963	
	1	0102	Mountain whitefish	232	148	SCALES	3	0			
	1	0102	Mountain whitefish	247	192	SCALES		0			
	1	0102	Mountain whitefish	250	190	SCALES		0	PIT	900026000055757	
	1	0102	Mountain whitefish	261	212	SCALES		2	PIT	965000000282039	
	1	0102	Mountain whitefish	318	364	SCALES		0	PIT	900026000057626	
	1	0102	Mountain whitefish	307	292	SCALES		0	PIT	900026000056839	
	1	0102	Mountain whitefish	257	222	SCALES		0	PIT	900026000055418	
	1	0102	Mountain whitefish	272	210	SCALES		0	PIT	900026000055518	
	1	0102	Mountain whitefish	254	168	SCALES		0	PIT	900026000051173	
	1	0102	Mountain whitefish	283	210	SCALES		0	PIT	900026000034982	
	1	0102	Mountain whitefish	233	146	SCALES		0			
	1	0102	Mountain whitefish	257	192	SCALES		1			
	1	0109	Mountain whitefish	379	616	SCALES		0	PIT	900026000051574	
	1	0109	Mountain whitefish	306	362	SCALES		2	PIT	965000000244277	
	1	0109	Mountain whitefish	347	426	SCALES		0	PIT	900026000052533	
	1	0109	Mountain whitefish	214	118	SCALES		0			
	1	0109	Kokanee	189	64			0			
	1	0109	Bull trout	405	754	FIN RAY	4	0	PIT	900026000055397	
	1	0109	Mountain whitefish	260	188	SCALES		0	PIT	900026000052316	
	1	0109	Mountain whitefish	306	300	SCALES		0	PIT	900026000053866	
	1	0109	Kokanee	189	74			0			
	1	0109	Rainbow trout	397	714	SCALES		0	PIT	900026000055421	
	1	0109	Mountain whitefish	279	232	SCALES	4	0	PIT	900026000052255	
	1	0109	Mountain whitefish	358	418	SCALES		0	PIT	900026000051320	
	1	0109	Mountain whitefish	288	270	SCALES		0	PIT	900026000055179	
	1	0109	Mountain whitefish	325	322	SCALES	6	0	PIT	900026000054037	
	1	0109	Mountain whitefish	292	256	SCALES		0	PIT	900026000055430	
	1	0109	Rainbow trout	188	98	SCALES		0			
	1	0109	Rainbow trout	197	104	SCALES		0			
	1	0109	Mountain whitefish	270	242	SCALES		0	PIT	900026000055215	
	1	0109	Mountain whitefish	257	230	SCALES		0	PIT	900026000053525	
	1	0109	Rainbow trout	217	130	SCALES		0			
	1	0109	Mountain whitefish	281	244	SCALES		0	PIT	900026000054000	
	1	0109	Rainbow trout	182	92	SCALES		0			
	1	0109	Mountain whitefish	334	342	SCALES		0	PIT	900026000055502	
	1	0109	Mountain whitefish	299	298	SCALES	4	0	PIT	900026000055801	
	1	0109	Kokanee	184	56			0			
	1	0109	Mountain whitefish	281	232	SCALES		0	PIT	900026000051993	
	1	0110	Longnose sucker	448	1044			0			
	1	0110	Longnose sucker	465	1240			0			
	1	0110	Longnose sucker	387	788			0			
	1	0110	Mountain whitefish	436	782	SCALES		0	PIT	900026000052165	
	1	0110	Mountain whitefish	290	240	SCALES		0	PIT	900026000056066	
	1	0110	Mountain whitefish	405	544	SCALES		2	PIT	965000000240848	
	1	0110	Mountain whitefish	287	246	SCALES		2	PIT	965000000079217	
	1	0110	Mountain whitefish	285	210	SCALES		0	PIT	900026000056233	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	461	Mountain whitefish	352	366	SCALES		0	PIT	900026000057559	
	1	462	Mountain whitefish	324	300	SCALES		2	PIT	900026000060725	
	1	463	Longnose sucker	364	566			0			
	1	464	Mountain whitefish	420	804	SCALES		0	PIT	900026000034961	
	1	465	Mountain whitefish	323	316	SCALES		0	PIT	900026000055980	
	1	466	Mountain whitefish	283	256	SCALES		0	PIT	900026000051930	
	1	467	Mountain whitefish	293	244	SCALES		0	PIT	900026000055470	
	1	468	Mountain whitefish	303	302	SCALES	5	0			
	1	469	Mountain whitefish	321	358	SCALES		0	PIT	900026000052182	
	1	470	Mountain whitefish	396	480	SCALES		0	PIT	900026000055280	
	1	471	Mountain whitefish	262	206	SCALES		0	PIT	900026000052077	
	1	472	Mountain whitefish	303	336	SCALES	5	0	PIT	900026000052326	
	1	473	Mountain whitefish	314	326	SCALES		0	PIT	900026000054020	
	1	474	Mountain whitefish	287	238	SCALES	5	0	PIT	900026000055135	
	1	475	Mountain whitefish	269	240	SCALES		0	PIT	900026000051270	
	1	476	Mountain whitefish	316	344	SCALES		0	PIT	900026000055790	
	1	477	Mountain whitefish	319	386	SCALES		0	PIT	900026000055422	
	1	478	Mountain whitefish	393	660	SCALES		2	FLOY		2166YELLOW
	1	479	Mountain whitefish	320	314	SCALES		0	PIT	900026000057167	
	1	480	Mountain whitefish	300		SCALES		0	PIT	900026000052202	
	1	481	Mountain whitefish	340	394	SCALES		2	PIT	965000000281441	
	1	482	Mountain whitefish	319	300	SCALES		0	PIT	900026000053788	
	1	483	Mountain whitefish	314	298	SCALES		0	PIT	900026000056489	
	1	484	Mountain whitefish	262	208	SCALES	4	0	PIT	900026000051586	
	1	485	Mountain whitefish	288	286	SCALES		2	PIT	965000000093310	
	1	486	Mountain whitefish	308	288	SCALES		0	PIT	900026000056091	
	1	487	Mountain whitefish	229	132	SCALES		0			
	1	488	Mountain whitefish	336	310	SCALES		2	PIT	965000000281242	
	1	489	Mountain whitefish	276	246	SCALES		0	PIT	900026000055363	
	1	490	Mountain whitefish	343	454	SCALES	11	0	PIT	900026000052247	
	1	491	Mountain whitefish	313	306	SCALES		0	PIT	900026000053359	
	1	492	Mountain whitefish	346	346	SCALES		2	PIT	965000000244684	
	1	493	Mountain whitefish	278	232	SCALES		2	PIT	900026000061957	
	1	494	Mountain whitefish	247	164	SCALES		0			
	1	495	Bull trout	305	326	FIN RAY	4	0	PIT	900026000055868	
	1	496	Mountain whitefish	320	298	SCALES		0	PIT	900026000054091	
	1	497	Mountain whitefish	277	216	SCALES		0	PIT	900026000055147	
	1	498	Mountain whitefish	290	222	SCALES		2	PIT	900026000057021	
	1	499	Mountain whitefish	333	314	SCALES		0	PIT	900026000051767	
	1	500	Mountain whitefish	305	284	SCALES		0	PIT	900026000053903	
	1	501	Mountain whitefish	311	266	SCALES		0	PIT	900026000052686	
	1	502	Mountain whitefish	326	324	SCALES		2	PIT	965000000246094	
	1	503	Longnose sucker	405	852			0			
	1	504	Largescale sucker	467	1187			0			
	1	505	Mountain whitefish	395	668	SCALES		0	PIT	900026000051564	
	1	506	Mountain whitefish	353	426	SCALES		0	PIT	900026000055352	
	1	507	Mountain whitefish	321	288	SCALES		2	PIT	965000000242106	
	1	508	Mountain whitefish	302	264	SCALES		0	PIT	900026000056439	
	1	509	Mountain whitefish	274	238	SCALES		0	PIT	900026000053995	
	1	510	Mountain whitefish	290	266	SCALES		0	PIT	900026000055898	
	1	511	Mountain whitefish	231	140	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	512	Mountain whitefish	298	296	SCALES		0	PIT	900026000063163	
	1	513	Mountain whitefish	299	268	SCALES		2	PIT	900026000053573	
	1	514	Mountain whitefish	314	322	SCALES	6	2	PIT	900026000060798	
	1	515	Mountain whitefish	305	284	SCALES		2	PIT	900026000064627	
	1	516	Mountain whitefish	280	230	SCALES		2	PIT	900026000060982	
	1	517	Mountain whitefish	276	226	SCALES		0	PIT	900026000055520	
	1	518	Mountain whitefish	244	164	SCALES		0			
	1	519	Mountain whitefish	284	210	SCALES		0	PIT	900026000053487	
	1	520	Mountain whitefish	287	230	SCALES	4	0	PIT	900026000063213	
	1	521	Mountain whitefish	314	302	SCALES		0	PIT	900026000055684	
	1	522	Mountain whitefish	329	306	SCALES		2	PIT	965000000244595	
	1	523	Mountain whitefish	227	128	SCALES		0			
	1	524	Mountain whitefish	232	132	SCALES		0			
	1	525	Mountain whitefish	324	338	SCALES		2	PIT	965000000005292	
	1	526	Mountain whitefish	257	180	SCALES		0	PIT	900026000056035	
	1	527	Mountain whitefish	355	432	SCALES		0	PIT	900026000056212	
	1	528	Mountain whitefish	328	306	SCALES		0	PIT	900026000052493	
	1	529	Mountain whitefish	307	258	SCALES		2	PIT	900026000052806	
	1	530	Mountain whitefish	288	320	SCALES		0	PIT	900026000054008	
	1	531	Mountain whitefish	404	630	SCALES		0	PIT	900026000035230	
	1	532	Mountain whitefish	294	260	SCALES		0	PIT	900026000051579	
	1	533	Mountain whitefish	338	360	SCALES		2	PIT	900026000065616	
	1	534	Mountain whitefish	308	300	SCALES		0	PIT	900026000051281	
	1	535	Mountain whitefish	259	200	SCALES	4	0	PIT	900026000055444	
	1	536	Mountain whitefish	281	258	SCALES		2	PIT	965000000086135	
	1	537	Mountain whitefish	287	244	SCALES		0	PIT	900026000063193	
	1	538	Mountain whitefish	214	118	SCALES		0			
	1	539	Mountain whitefish	339	386	SCALES		0	PIT	900026000057161	
	1	540	Mountain whitefish	307	324	SCALES	6	0	PIT	900026000053831	
	1	541	Longnose sucker	448	958			0			
	1	542	Mountain whitefish	294	260	SCALES		0	PIT	900026000051807	
	1	543	Mountain whitefish	342	374	SCALES		2	FLOY	15194	WHITE
	1	544	Mountain whitefish	254	202	SCALES		0	PIT	900026000051267	
	1	545	Mountain whitefish	294	280	SCALES		0	PIT	900026000054035	
	1	546	Mountain whitefish	301	292	SCALES		0	PIT	900026000053837	
	1	547	Mountain whitefish	267	198	SCALES		0	PIT	900026000057214	
	1	548	Mountain whitefish	300	276	SCALES		0	PIT	900026000056714	
	1	549	Mountain whitefish	270	208	SCALES		0	PIT	900026000052512	
	1	550	Mountain whitefish	270	202	SCALES		0	PIT	900026000054106	
	1	551	Mountain whitefish	303	290	SCALES		0	PIT	900026000055379	
	1	552	Mountain whitefish	327	316	SCALES		2	PIT	900026000061282	
	1	553	Mountain whitefish	329	316	SCALES		2	PIT	965000000071056	
	1	554	Mountain whitefish	429	808	SCALES		0	PIT	900026000033589	
	1	555	Mountain whitefish	294	218	SCALES		0	PIT	900026000052408	
	1	556	Mountain whitefish	318	324	SCALES		0	PIT	900026000052270	
	1	557	Mountain whitefish	332	336	SCALES		0	PIT	900026000051162	
	1	558	Mountain whitefish	294	248	SCALES		0			
	1	559	Mountain whitefish	274	212	SCALES		0	PIT	900026000052365	
	1	560	Mountain whitefish	303	288	SCALES		0	PIT	900026000063253	
	1	561	Mountain whitefish	397	598	SCALES		0	PIT	900026000056672	
	1	562	Mountain whitefish	335	394	SCALES		0	PIT	900026000051362	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	563	Mountain whitefish	306	284	SCALES		2	PIT	900026000057570	
	1	564	Mountain whitefish	302	290	SCALES		2	PIT	900026000060832	
	1	565	Mountain whitefish	303	310	SCALES		0	PIT	900026000054132	
	1	566	Mountain whitefish	319	280	SCALES		0	PIT	900026000034857	
	1	567	Mountain whitefish	215	98	SCALES	2	0			
	1	568	Mountain whitefish	247	210	SCALES		0			
	1	569	Mountain whitefish	310	256	SCALES		0	PIT	900026000055728	
	1	570	Mountain whitefish	270	230	SCALES		0	PIT	900026000051185	
	1	571	Mountain whitefish	260	222	SCALES		0	PIT	900026000055498	
	1	572	Mountain whitefish	303	298	SCALES		0	PIT	900026000053900	
	1	573	Mountain whitefish	304	324	SCALES		0	PIT	900026000035244	
	1	574	Mountain whitefish	294	318	SCALES		0			
	1	575	Mountain whitefish	294	242	SCALES		0			
	1	576	Mountain whitefish	323	326	SCALES	7	0	PIT	900026000055386	
	1	577	Mountain whitefish	301	272	SCALES		0	PIT	900026000051286	
	1	578	Mountain whitefish	299	270	SCALES		0	PIT	900026000053798	
	1	579	Mountain whitefish	312	276	SCALES		0	PIT	900026000054007	
	1	580	Mountain whitefish	282	236	SCALES		0	PIT	900026000053878	
	1	581	Mountain whitefish	268	202	SCALES		0	PIT	900026000052263	
	1	582	Mountain whitefish	282	252	SCALES		0	PIT	900026000055236	
	1	583	Mountain whitefish	290	240	SCALES		0	PIT	900026000053870	
	1	584	Mountain whitefish	278	238	SCALES		0	PIT	900026000055175	
	1	585	Mountain whitefish	259	222	SCALES		0	PIT	900026000052259	
	1	586	Mountain whitefish	307	340	SCALES		2	PIT	965000000243421	
	1	587	Mountain whitefish	279	228	SCALES	4	0	PIT	900026000051681	
	1	588	Mountain whitefish	329	332	SCALES		0	PIT	900026000057547	
	1	589	Mountain whitefish	297	276	SCALES		0	PIT	900026000057135	
	1	590	Mountain whitefish	302	282	SCALES		0	PIT	900026000052470	
	1	591	Mountain whitefish	176	58			0			
	1	592	Mountain whitefish	339	396	SCALES		0	PIT	900026000052377	
	1	593	Mountain whitefish	237	164	SCALES		0			
	1	594	Mountain whitefish	271	224	SCALES		0	PIT	900026000035469	
	1	595	Mountain whitefish	258	204	SCALES		0	PIT	900026000035031	
	1	596	Mountain whitefish	276	262	SCALES		0	PIT	900026000056688	
	1	597	Mountain whitefish	308	284	SCALES		2	PIT	900026000064627	
	1	598	Mountain whitefish	269	224	SCALES		0	PIT	900026000055950	
	1	599	Mountain whitefish	244	180	SCALES		0			
	1	600	Kokanee	207	100			0			
	1	601	Mountain whitefish	357	368	SCALES		0	PIT	900026000053902	
	1	602	Mountain whitefish	317	332	SCALES		0	PIT	900026000053652	
	1	603	Mountain whitefish	317	354	SCALES		0	PIT	900026000052491	
	1	604	Mountain whitefish	304	286	SCALES		0	PIT	900026000035508	
	1	605	Mountain whitefish	342	410	SCALES		0	PIT	900026000055245	
	1	606	Mountain whitefish	287	254	SCALES		0	PIT	900026000051610	
	1	607	Kokanee	172	60			0			
	1	608	Mountain whitefish	266	220	SCALES		0	PIT	900026000053786	
	1	609	Mountain whitefish	237	140	SCALES		0			
	1	610	Kokanee	190	74			0			
	1	611	Mountain whitefish	261	198	SCALES		0	PIT	900026000063270	
	1	612	Mountain whitefish	259	194	SCALES		0	PIT	900026000055387	
	1	613	Mountain whitefish	323	332	SCALES		0	PIT	900026000055643	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	614	Mountain whitefish	236	150	SCALES		0			
	1	615	Kokanee	201	96			0			
	1	616	Mountain whitefish	291	282	SCALES		0	PIT	900026000055864	
	1	617	Kokanee	187	72			0			
	1	618	Mountain whitefish	276	224	SCALES		2	PIT	900026000055520	
	1	619	Mountain whitefish	349	400	SCALES		0	PIT	900026000055239	
	1	620	Mountain whitefish	287	280	SCALES		0	PIT	900026000034693	
	1	621	Mountain whitefish	318	356	SCALES		0	PIT	900026000053745	
	1	622	Mountain whitefish	332	350	SCALES		0	PIT	900026000054104	
	1	623	Mountain whitefish	223	134	SCALES		0			
	1	624	Mountain whitefish	253	202	SCALES		0	PIT	900026000051489	
	1	625	Mountain whitefish	304	344	SCALES		0	PIT	900026000034685	
	1	626	Mountain whitefish	271	216	SCALES		0	PIT	900026000057230	
	1	627	Mountain whitefish	269	216	SCALES		0	PIT	900026000053882	
	1	628	Mountain whitefish	257	182	SCALES		0	PIT	900026000051135	
	1	629	Rainbow trout	210	114	SCALES		0			
	1	630	Mountain whitefish	267	232	SCALES		2	PIT	900026000064681	
	1	631	Kokanee	198	80			0			
	1	632	Mountain whitefish	233	172	SCALES		0			
	1	633	Kokanee	191	80			0			
	1	634	Mountain whitefish	252	206	SCALES		0	PIT	900026000052199	
	1	635	Kokanee	195	80			0			
	1	636	Mountain whitefish	211	108	SCALES		0			
	1	637	Mountain whitefish	307	316	SCALES		0	PIT	900026000033492	
	1	638	Mountain whitefish	322	340	SCALES		0	PIT	900026000055551	
	1	639	Kokanee	214	106			0			
	1	640	Mountain whitefish	325	360	SCALES		0	PIT	900026000035595	
	1	641	Mountain whitefish	308	282	SCALES		0	PIT	900026000052297	
	1	642	Kokanee	200	78			0			
	1	643	Mountain whitefish	280	244	SCALES		0	PIT	900026000056025	
	1	644	Kokanee	180	56			0			
	1	645	Mountain whitefish	280	242	SCALES		0	PIT	900026000054006	
	1	646	Mountain whitefish	302	264	SCALES		0	PIT	900026000035158	
	1	647	Mountain whitefish	277	272	SCALES		0	PIT	900026000055851	
	1	648	Mountain whitefish	314	330	SCALES		0	PIT	900026000055719	
	1	649	Kokanee	156	50			0			
	1	650	Kokanee	171	60			0			
	1	651	Kokanee	196	90			0			
	1	652	Mountain whitefish	299	284	SCALES		0	PIT	900026000056316	
	1	653	Mountain whitefish	287	266	SCALES		0	PIT	900026000055403	
	1	654	Mountain whitefish	274	214	SCALES		2	PIT	900026000052365	
	1	655	Mountain whitefish	293	228	SCALES		2	PIT	900026000061205	
	1	656	Mountain whitefish	343	370	SCALES		2	PIT	965000000086617	
	1	657	Mountain whitefish	290	260	SCALES	4	0	PIT	900026000051895	
	1	658	Mountain whitefish	300	272	SCALES		0	PIT	900026000053858	
	1	659	Mountain whitefish	236	152	SCALES		0			
	1	660	Mountain whitefish	263	182	SCALES		0	PIT	900026000053865	
	1	661	Mountain whitefish	269	224	SCALES		0	PIT	900026000053797	
	1	662	Mountain whitefish	298	294	SCALES		0	PIT	900026000051791	
	1	663	Mountain whitefish	320	296	SCALES		0	PIT	900026000053958	
	1	664	Mountain whitefish	296	310	SCALES		2	PIT	965000000238599	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	665	Rainbow trout	172	60	SCALES		0			
	1	666	Mountain whitefish	273	262	SCALES		2	PIT	900026000061309	
	1	667	Mountain whitefish	365	428	SCALES		0	PIT	900026000051225	
	1	668	Rainbow trout	284	270	SCALES		0	PIT	900026000055461	
	1	669	Kokanee	170	54			0			
	1	670	Mountain whitefish	265	210	SCALES		0	PIT	900026000055201	
	1	671	Mountain whitefish	274	252	SCALES		0	PIT	900026000051702	
	1	672	Mountain whitefish	299	280	SCALES		0	PIT	900026000052187	
	1	673	Mountain whitefish	313	312	SCALES		2	PIT	900026000064254	
	1	674	Mountain whitefish	248	182	SCALES		0			
	1	675	Mountain whitefish	294	256	SCALES		0	PIT	900026000034667	
	1	676	Mountain whitefish	308	278	SCALES		0	PIT	900026000052496	
	1	677	Mountain whitefish	295	228	SCALES		0	PIT	900026000035102	
	1	678	Mountain whitefish	252	210	SCALES		0	PIT	900026000053862	
	1	679	Mountain whitefish	205	106	SCALES		0			
	1	680	Rainbow trout	203	106	SCALES		0			
	1	681	Mountain whitefish	313	262	SCALES		0			
	1	682	Mountain whitefish	335	350	SCALES		0	PIT	900026000051986	
	1	683	Mountain whitefish	315	268	SCALES		0	PIT	900026000051301	
	1	684	Mountain whitefish	285	250	SCALES		0	PIT	900026000051292	
	1	685	Mountain whitefish	268	214	SCALES		0	PIT	900026000055329	
	1	686	Mountain whitefish	228	134	SCALES		0			
	1	687	Mountain whitefish	309	270	SCALES		0	PIT	900026000055921	
	1	688	Mountain whitefish	300	270	SCALES		0	PIT	900026000051277	
	1	689	Mountain whitefish	332	334	SCALES		2	PIT	900026000061690	
	1	690	Mountain whitefish	273	184	SCALES		0	PIT	900026000052388	
	1	691	Mountain whitefish	300	296	SCALES		0	PIT	900026000052210	
	1	692	Mountain whitefish	319	322	SCALES	8	0	PIT	900026000035016	
	1	693	Mountain whitefish	241	164	SCALES		0			
	1	694	Mountain whitefish	271	242	SCALES		0	PIT	900026000053778	
	1	695	Mountain whitefish	298	270	SCALES		0	PIT	900026000055266	
	1	696	Mountain whitefish	212	108	SCALES		0			
	1	697	Mountain whitefish	267	222	SCALES		0	PIT	900026000056467	
	1	698	Mountain whitefish	343	374	SCALES		0	PIT	900026000051520	
	1	699	Mountain whitefish	331	328	SCALES		0	PIT	900026000055134	
	1	700	Mountain whitefish	384	432	SCALES		0	PIT	900026000055510	
	1	701	Mountain whitefish	287	266	SCALES		0	PIT	900026000055972	
	1	702	Mountain whitefish	317	320	SCALES		0	PIT	900026000051379	
	1	703	Mountain whitefish	280	220	SCALES		0	PIT	900026000055327	
	1	704	Mountain whitefish	280	244	SCALES		0	PIT	900026000052413	
	1	705	Mountain whitefish	237	160	SCALES		0			
	1	706	Mountain whitefish	324	306	SCALES		2	PIT	965000000083965	
	1	707	Mountain whitefish	281	234	SCALES		0	PIT	900026000055872	
	1	708	Mountain whitefish	369	462	SCALES		0	PIT	900026000053978	
	1	709	Mountain whitefish	441	952	SCALES		2	PIT	965000000108989	
	1	710	Mountain whitefish	363	436	SCALES		0	PIT	900026000055949	
	1	711	Mountain whitefish	415		SCALES	10	0	PIT	900026000051146	
	1	712	Mountain whitefish	314	300	SCALES		0	PIT	900026000055845	
	1	713	Mountain whitefish	274	254	SCALES		0	PIT	900026000052494	
	1	714	Mountain whitefish	308	294	SCALES		2	PIT	965000000071213	
	1	715	Mountain whitefish	332	356	SCALES		0	PIT	900026000054043	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	716	Mountain whitefish	340	348	SCALES		0	PIT	900026000063495	
	1	717	Mountain whitefish	358	438	SCALES	6	0	PIT	900026000057454	
	1	718	Mountain whitefish	243	164	SCALES		0			
	1	719	Mountain whitefish	271	216	SCALES		0	PIT	900026000053532	
	1	720	Mountain whitefish	239	158	SCALES		0			
	1	721	Mountain whitefish	226	118	SCALES		0			
	1	722	Mountain whitefish	264	212	SCALES	4	0	PIT	900026000035592	
	1	723	Mountain whitefish	322	308	SCALES		2	PIT	4D00027366	
	1	724	Mountain whitefish	369	518	SCALES		0	PIT	900026000051386	
	1	725	Mountain whitefish	246	180	SCALES		0			
	1	726	Mountain whitefish	308	250	SCALES		5	PIT	900026000053892	
	1	727	Mountain whitefish	274	228	SCALES		0	PIT	900026000055562	
	1	728	Mountain whitefish	265	222	SCALES		2	PIT	900026000053797	
	1	729	Mountain whitefish	300	282	SCALES		0	PIT	900026000056000	
	1	730	Mountain whitefish	236	142	SCALES		0			
	1	731	Mountain whitefish	353	394	SCALES		0	PIT	900026000051588	
	1	732	Mountain whitefish	322		SCALES		2	PIT	965000000069466	
	1	733	Mountain whitefish	324	324	SCALES		2	PIT	0A00722056	
	1	734	Mountain whitefish	327	382	SCALES		2	PIT	965000000239616	
	1	735	Mountain whitefish	277	230	SCALES		2	PIT	900026000061014	
	1	736	Mountain whitefish	267	208	SCALES		2	PIT	900026000061584	
	1	737	Mountain whitefish	303	260	SCALES		0	PIT	900026000053970	
	1	738	Mountain whitefish	226	132	SCALES		0			
	1	739	Mountain whitefish	226	122	SCALES		0			
	1	740	Mountain whitefish	294	238	SCALES		0	PIT	900026000063391	
	1	741	Mountain whitefish	321	306	SCALES		0	PIT	900026000054003	
	1	742	Mountain whitefish	222	120	SCALES		0			
	1	743	Mountain whitefish	293	312	SCALES		0	PIT	900026000035605	
	1	744	Mountain whitefish	238	134	SCALES		0			
	1	745	Mountain whitefish	301	250	SCALES		2	PIT	900026000064550	
	1	746	Mountain whitefish	321	304	SCALES		0	PIT	900026000051452	
	1	747	Mountain whitefish	221	126	SCALES		0			
	1	748	Mountain whitefish	272	204	SCALES		0	PIT	900026000051647	
	1	749	Mountain whitefish	266	232	SCALES	4	0	PIT	900026000057603	
	1	750	Mountain whitefish	237	142	SCALES		0			
	1	751	Mountain whitefish	290	246	SCALES		0	PIT	900026000055696	
	1	752	Mountain whitefish	278	232	SCALES		0	PIT	900026000057241	
	1	753	Mountain whitefish	244	160	SCALES		0			
	1	754	Mountain whitefish	260	210	SCALES		0	PIT	900026000052434	
	1	755	Mountain whitefish	269	244	SCALES		0	PIT	900026000055691	
	1	756	Mountain whitefish	271	198	SCALES		0	PIT	900026000052284	
	1	757	Lake trout	720	4180	FIN RAY		0	PIT	900026000053806	
	1	758	Mountain whitefish	204	100	SCALES		0			
	1	759	Mountain whitefish	298	292	SCALES		2	PIT	0A00717713	
	1	760	Mountain whitefish	306	280	SCALES		0	PIT	900026000052186	
	1	761	Mountain whitefish	231	134	SCALES		0			
	1	762	Mountain whitefish	314	318	SCALES		0	PIT	900026000053356	
	1	763	Mountain whitefish	313	300	SCALES		0	PIT	900026000035128	
	1	764	Mountain whitefish	323	376	SCALES	7	0	PIT	900026000063397	
	1	765	Mountain whitefish	315	320	SCALES		0	PIT	900026000053416	
	1	766	Mountain whitefish	298	270	SCALES	4	0	PIT	900026000055613	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	767	Mountain whitefish	340	332	SCALES		0	PIT	900026000055656	
	1	768	Mountain whitefish	309	330	SCALES		0	PIT	900026000055183	
	1	769	Mountain whitefish	255	174	SCALES		0	PIT	900026000055474	
	1	770	Mountain whitefish	283	256	SCALES		0	PIT	900026000034861	
	1	771	Mountain whitefish	274	214	SCALES		0	PIT	900026000055960	
	1	772	Mountain whitefish	296	276	SCALES		0	PIT	900026000057542	
	1	773	Mountain whitefish	259	148	SCALES		0	PIT	900026000053929	
	1	774	Mountain whitefish	241	150	SCALES		0			
	1	775	Mountain whitefish	294	244	SCALES		2	PIT	96500000106325	
	1	776	Mountain whitefish	217	112	SCALES		0			
	1	777	Mountain whitefish	285	240	SCALES		2	PIT	96500000282607	
	1	778	Mountain whitefish	321	322	SCALES		0	PIT	900026000053926	
	1	779	Mountain whitefish	270	200	SCALES		0	PIT	900026000052244	
	1	780	Mountain whitefish	309	338	SCALES		0			
	1	781	Mountain whitefish	212	118	SCALES		0			
	1	782	Mountain whitefish	325	318	SCALES		0	PIT	900026000057408	
	1	783	Mountain whitefish	280	206	SCALES		0	PIT	900026000052387	
	1	784	Mountain whitefish	340	362	SCALES		0	PIT	900026000055938	
	1	785	Mountain whitefish	231	130	SCALES		0			
	1	786	Mountain whitefish	292	258	SCALES	4	0	PIT	900026000055216	
	1	787	Mountain whitefish	277	210	SCALES		0	PIT	900026000054050	
	1	788	Mountain whitefish	272	234	SCALES		0	PIT	900026000056043	
	1	789	Mountain whitefish	288	242	SCALES		0	PIT	900026000053570	
	1	790	Mountain whitefish	292	256	SCALES		0	PIT	900026000051249	
	1	791	Mountain whitefish	228	124	SCALES		0			
	1	792	Mountain whitefish	294	240	SCALES		0	PIT	900026000056111	
	1	793	Mountain whitefish	245	164	SCALES		0			
	1	794	Mountain whitefish	263	188	SCALES		0	PIT	900026000053255	
	1	795	Mountain whitefish	300	274	SCALES		0	PIT	900026000053872	
	1	796	Mountain whitefish	299	284	SCALES		0	PIT	900026000055396	
	1	797	Mountain whitefish	344	448	SCALES		2	PIT	4D00041846	
	1	798	Mountain whitefish	295	294	SCALES		0	PIT	900026000055953	
	1	799	Mountain whitefish	279	210	SCALES		2	PIT	965000000071067	
	1	800	Mountain whitefish	324	326	SCALES		0	PIT	900026000055830	
	1	801	Mountain whitefish	290	238	SCALES		0	PIT	900026000055205	
	1	802	Mountain whitefish	282	290	SCALES		0			
	1	803	Mountain whitefish	258	230	SCALES	4	0	PIT	900026000051713	
	1	804	Mountain whitefish	283	236	SCALES		0	PIT	900026000063417	
	1	805	Mountain whitefish	391	572	SCALES		0	PIT	900026000055332	
	1	806	Mountain whitefish	268	212	SCALES		0	PIT	900026000055988	
	1	807	Mountain whitefish	260	164	SCALES		0	PIT	900026000056546	
	1	808	Mountain whitefish	259	222	SCALES		0	PIT	900026000035142	
	1	809	Mountain whitefish	345	484	SCALES	8	2	PIT	965000000239284	
	1	810	Mountain whitefish	299	282	SCALES		2	PIT	965000000247046	
	1	811	Mountain whitefish	275	230	SCALES		0	PIT	900026000057193	
	1	812	Mountain whitefish	310	382	SO		1			
	1	813	Mountain whitefish	421	864	SCALES		0	PIT	900026000051436	
	1	814	Mountain whitefish	383	492	SCALES		0	PIT	900026000051881	
	1	815	Mountain whitefish	297	296	SCALES		2	PIT	0A00717713	
	1	816	Mountain whitefish	288	236	SCALES		0	PIT	900026000055948	
	1	817	Rainbow trout	216	136	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	1	818	Mountain whitefish	260	210	SCALES		2	PIT	900026000055988	
	1	819	Mountain whitefish	327	350	SCALES		2	PIT	965000000246245	
	1	820	Mountain whitefish	362	422	SCALES		0	PIT	900026000052221	
	1	821	Mountain whitefish	262	190	SCALES		2	PIT	900026000053255	
	1	822	Rainbow trout	357	626	SCALES		0	PIT	900026000063346	
	1	823	Mountain whitefish	298	300	SCALES		0	PIT	900026000055389	
	1	824	Mountain whitefish	306	278	SCALES		2	PIT	900026000052496	
	1	825	Mountain whitefish	320	338	SCALES		2	PIT	965000000083769	
	1	826	Mountain whitefish	311	296	SCALES		2	PIT	965000000087568	
	1	827	Mountain whitefish	286	268	SCALES		2	PIT	965000000088272	
	1	828	Mountain whitefish	283	258	SCALES		2	PIT	965000000080504	
	1	829	Mountain whitefish	241	184	SCALES		0			
	1	830	Mountain whitefish	320	326	SCALES		0	PIT	900026000055521	
	1	831	Mountain whitefish	216	116	SCALES		0			
	1	832	Mountain whitefish	305	258	SCALES		0	PIT	900026000034995	
	1	833	Kokanee	184	76			0			
	1	834	Mountain whitefish	293	246	SCALES		0	PIT	900026000051526	
	1	835	Kokanee	204	86			0			
	2	2505	White sucker	406	696			0			
	2	2506	Mountain whitefish	216	118	SCALES		0			
	2	2507	Mountain whitefish	308	294	SCALES		2	FLOY	3642	YELLOW
	2	2508	Mountain whitefish	288		SCALES		2	PIT	965000000093177	
	2	2509	Mountain whitefish	290	256	SCALES		0	PIT	900026000052295	
	2	2510	Mountain whitefish	221	122	SCALES		0			
	2	2511	Mountain whitefish	371	488	SCALES		0	PIT	900026000035345	
	2	2512	Mountain whitefish	271	266	SCALES		0	PIT	900026000056140	
	2	2513	Mountain whitefish	250	192	SCALES		0	PIT	900026000051772	
	2	2514	Mountain whitefish	378	514	SCALES		0	PIT	900026000055848	
	2	2515	Mountain whitefish	352	424	SCALES		2	PIT	965000000088511	
	2	2516	Mountain whitefish	287	296	SCALES		2	PIT	900026000061556	
	2	2517	Mountain whitefish	317	310	SCALES		2	PIT	965000000080997	
	2	2518	Mountain whitefish	390	578	SCALES		2	PIT	96500000008200	
	2	2519	Mountain whitefish	282	220	SCALES		0	PIT	900026000064686	
	2	2520	Mountain whitefish	279	222	SCALES		2	PIT	900026000063298	
	2	2521	Mountain whitefish	324	296	SCALES		0	PIT	900026000051806	
	2	2522	Mountain whitefish	283	242	SCALES		0	PIT	900026000055393	
	2	2523	Mountain whitefish	354	374	SCALES		0	PIT	900026000051480	
	2	2524	Mountain whitefish	225	130	SCALES		0			
	2	2525	Mountain whitefish	318	274	SCALES		2	PIT	900026000060705	
	2	2526	Mountain whitefish	252	188	SCALES		0	PIT	900026000055614	
	2	2527	Mountain whitefish	231	124	SCALES		0			
	2	2528	Mountain whitefish	252	176	SCALES		0	PIT	900026000057154	
	2	2529	Mountain whitefish	255	182	SCALES		0	PIT	900026000055964	
	2	2530	Mountain whitefish	340	406	SCALES		0	PIT	900026000051854	
	2	2531	Mountain whitefish	321	346	SCALES		0	PIT	900026000054034	
	2	2532	Mountain whitefish	376	472	SCALES		0	PIT	900026000056145	
	2	2533	Bull trout	490	1452	FIN RAY	5	0	PIT	900026000064029	
	2	2534	Mountain whitefish	304	352	SCALES		0	PIT	900026000035296	
	2	2535	Mountain whitefish	285	232	SCALES		0	PIT	900026000055621	
	2	2536	Mountain whitefish	232	142	SCALES		0			
	2	2537	Mountain whitefish	360	430	SCALES		0	PIT	900026000052526	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	2	2538	Mountain whitefish	294	278	SCALES		0	PIT	900026000035163	
	2	2539	Mountain whitefish	347	416	SCALES		0	PIT	900026000055305	
	2	2540	Mountain whitefish	398	636	SCALES		0	PIT	900026000051700	
	2	2541	Mountain whitefish	251	188	SCALES		0	PIT	900026000053442	
	2	2542	Mountain whitefish	288	258	SCALES		2	PIT	96500000091752	
	2	2543	Mountain whitefish	302	314	SCALES		0	PIT	900026000055496	
	2	2544	Mountain whitefish	316	298	SCALES		0	PIT	900026000053743	
	2	2545	Mountain whitefish	214	128	SCALES		0			
	2	2546	Mountain whitefish	221	116	SCALES		0			
	2	2547	Mountain whitefish	370	482	SCALES		2	PIT	900026000035345	
	2	2548	Mountain whitefish	327	294	SCALES		2	PIT	900026000051806	
	2	2549	Mountain whitefish	315	300	SCALES		2	PIT	965000000239051	
	2	2550	Mountain whitefish	251	182	SCALES		2	PIT	900026000055614	
	2	2551	Mountain whitefish	298	236	SCALES		0	PIT	900026000053445	
	2	2552	Mountain whitefish	335	342	SCALES		0	PIT	900026000053515	
	2	2553	Mountain whitefish	231	158	SCALES		0			
	2	2554	Mountain whitefish	286	244	SCALES		0	PIT	900026000056121	
	2	2555	Mountain whitefish	284	220	SCALES		2	PIT	965000000076957	
	2	2556	Mountain whitefish	282	234	SCALES		0	PIT	900026000035311	
	2	2557	Mountain whitefish	246	178	SCALES		0			
	2	2558	Mountain whitefish	245	156	SCALES		0			
	2	2559	Mountain whitefish	307	300	SCALES		0	PIT	900026000055962	
	2	2560	Mountain whitefish	222	116	SCALES	3	0			
	2	2561	Mountain whitefish	326	348	SCALES		0	PIT	900026000035557	
	2	2562	Mountain whitefish	324	368	SCALES		2	PIT	965000000071193	
	2	2563	Mountain whitefish	278	212	SCALES		0	PIT	900026000053384	
	2	2564	Mountain whitefish	283	224	SCALES		2	PIT	900026000035215	
	2	2565	Mountain whitefish	280	260	SCALES		2	PIT	965000000077377	
	2	2566	Mountain whitefish	305	300	SCALES		0	PIT	900026000035298	
	2	2567	Mountain whitefish	217	112	SCALES		0			
	2	2568	Mountain whitefish	233	138	SCALES		0			
	2	2569	Mountain whitefish	301	246	SCALES		2	PIT	0A00724729	
	2	2570	Mountain whitefish	241	162	SCALES		0			
	2	2571	Mountain whitefish	334	324	SCALES		2	PIT	965000000241241	
	2	2572	Mountain whitefish	314	346	SCALES	6	0	PIT	900026000055483	
	2	2573	Mountain whitefish	277	236	SCALES		0	PIT	900026000051476	
	2	2574	Mountain whitefish	244	200	SCALES		0			
	2	2575	Mountain whitefish	301	256	SCALES	5	2	PIT	900026000065073	
	2	2576	Mountain whitefish	247	168	SCALES		2	PIT	900026000052281	
	2	2577	Mountain whitefish	329	340	SCALES		2	PIT	900026000061734	
	2	2578	Mountain whitefish	341	366	SCALES		0	PIT	900026000056626	
	2	2579	Mountain whitefish	288	250	SCALES		0	PIT	900026000051655	
	2	2580	Mountain whitefish	267	196	SCALES		0	PIT	900026000056006	
	2	2581	Mountain whitefish	318	300	SCALES	4	0	PIT	900026000035171	
	2	2582	Mountain whitefish	324	334	SCALES		2	PIT	965000000110619	
	2	2583	Mountain whitefish	217	138	SCALES		0			
	2	2584	Mountain whitefish	257	168	SCALES		0	PIT	900026000063416	
	2	2585	Mountain whitefish	252	164	SCALES		2	PIT	900026000052054	
	2	2586	Mountain whitefish	238	152	SCALES		0			
	2	2587	Mountain whitefish	287	284	SCALES		0	PIT	900026000052519	
	2	2588	Mountain whitefish	228	142	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0105	2	2589	Rainbow trout	222	140	SCALES	0			
	0105	2	2590	Rainbow trout	197	94	SCALES	0			
	0105	2	2591	Rainbow trout	141	22	SCALES	0			
	0105	2	2592	Mountain whitefish	256	190	SCALES	0	PIT	900026000055412	
	0105	2	2593	Mountain whitefish	252	174	SCALES	0	PIT	900026000055711	
	0105	2	2594	Mountain whitefish	299	252	SCALES	2	PIT	965000000247017	
	0105	2	2595	Mountain whitefish	290	282	SCALES	0	PIT	900026000054090	
	0105	2	2596	Mountain whitefish	309	328	SCALES	2	PIT	965000000080503	
	0105	2	2597	Mountain whitefish	255	194	SCALES	0	PIT	900026000035387	
	0105	2	2598	Mountain whitefish	295	250	SCALES	2	PIT	965000000084569	
	0105	2	2599	Mountain whitefish	306	248	SCALES	2	PIT	965000000109962	
	0105	2	2600	Mountain whitefish	250	182	SCALES	0	PIT	900026000055786	
	0105	2	2601	Mountain whitefish	298	242	SCALES	0	PIT	900026000063238	
	0105	2	2602	Mountain whitefish	233	138	SCALES	2	0		
	0105	2	2603	Mountain whitefish	304	294	SCALES	0	PIT	900026000056980	
	0105	2	2604	Mountain whitefish	264	188	SCALES	0	PIT	900026000051860	
	0105	2	2605	Mountain whitefish	272	204	SCALES	2	PIT	965000000087784	
	0105	2	2606	Mountain whitefish	282	240	SCALES	0	PIT	900026000057460	
	0101	2	2607	Mountain whitefish	333	324	SCALES	0	PIT	900026000051904	
	0101	2	2608	Mountain whitefish	318	320	SCALES	0	PIT	900026000051171	
	0101	2	2609	Mountain whitefish	287	352	SCALES	0	PIT	900026000052198	
	0101	2	2610	Mountain whitefish	352	414	SCALES	2	PIT	0A00745261	
	0101	2	2611	Mountain whitefish	270	210	SCALES	0	PIT	900026000051518	
	0101	2	2612	Mountain whitefish	352	464	SCALES	0	PIT	900026000051789	
	0101	2	2613	Mountain whitefish	290	254	SCALES	0	PIT	900026000054111	
	0101	2	2614	Mountain whitefish	297	298	SCALES	0	PIT	900026000051189	
	0101	2	2615	Mountain whitefish	328	334	SCALES	2	PIT	965000000247284	
	0101	2	2616	Mountain whitefish	315	374	SCALES	0	PIT	900026000064982	
	0101	2	2617	Mountain whitefish	333	448	SCALES	0	PIT	900026000054129	
	0101	2	2618	Mountain whitefish	302	276	SCALES	2	PIT	965000000009956	
	0101	2	2619	Mountain whitefish	231	150	SCALES	0			
	0101	2	2620	Mountain whitefish	333	324	SCALES	2	PIT	965000000238854	
	0101	2	2621	Mountain whitefish	289	248	SCALES	0	PIT	900026000056038	
	0101	2	2622	Mountain whitefish	280	244	SCALES	0	PIT	900026000034796	
	0101	2	2623	Mountain whitefish	296	324	SCALES	0	PIT	900026000055235	
	0101	2	2624	Mountain whitefish	317	342	SCALES	0	PIT	900026000052211	
	0101	2	2625	Mountain whitefish	358	432	SCALES	0	PIT	900026000055406	
	0101	2	2626	Mountain whitefish	286	268	SCALES	2	PIT	965000000088901	
	0101	2	2627	Mountain whitefish	304	352	SCALES	0	PIT	900026000056045	
	0101	2	2628	Mountain whitefish	267	206	SCALES	0	PIT	900026000057196	
	0101	2	2629	Mountain whitefish	327	376	SCALES	0	PIT	900026000051527	
	0101	2	2630	Mountain whitefish	234	142	SCALES	0			
	0101	2	2631	Mountain whitefish	354	400	SCALES	0	PIT	900026000054125	
	0101	2	2632	Mountain whitefish	314	300	SCALES	0	PIT	900026000052475	
	0101	2	2633	Mountain whitefish	358	506	SCALES	0	PIT	900026000060904	
	0101	2	2634	Mountain whitefish	291	226	SCALES	0	PIT	900026000034924	
	0101	2	2635	Mountain whitefish	273	212	SCALES	0	PIT	900026000052136	
	0101	2	2636	Mountain whitefish	260	188	SCALES	0	PIT	900026000054120	
	0101	2	2637	Mountain whitefish	340	402	SCALES	0	PIT	900026000053846	
	0101	2	2638	Mountain whitefish	350	502	SCALES	0	PIT	900026000053338	
	0101	2	2639	Mountain whitefish	310	338	SCALES	0	PIT	965000000246833	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
0101	2	2640	Mountain whitefish	287	252	SCALES		0	PIT	900026000057620	
0101	2	2641	Mountain whitefish	291	284	SCALES		0	PIT	900026000056847	
0101	2	2642	Mountain whitefish	336	384	SCALES		0	PIT	900026000035150	
0101	2	2643	Mountain whitefish	346	384	SCALES		0	PIT	900026000055270	
0101	2	2644	Mountain whitefish	306	326	SCALES		0	PIT	900026000061062	
0101	2	2645	Mountain whitefish	253	204	SCALES		0	PIT	900026000055685	
0101	2	2646	Mountain whitefish	309	322	SCALES	6	2	PIT	965000000247720	
0101	2	2647	Mountain whitefish	328	368	SCALES		2	PIT	965000000238159	
0101	2	2648	Mountain whitefish	355	466	SCALES		0			
0101	2	2649	Mountain whitefish	259	176	SCALES	2	0	PIT	900026000056810	
0101	2	2650	Mountain whitefish	237	138	SCALES		0			
0101	2	2651	Mountain whitefish	312	380	SCALES		0	PIT	900026000052027	
0101	2	2652	Mountain whitefish	312	424	SCALES		0	PIT	900026000055247	
0101	2	2653	Mountain whitefish	290	278	SCALES		0	PIT	900026000054086	
0101	2	2654	Mountain whitefish	274	218	SCALES		0	PIT	900026000034850	
0101	2	2655	Mountain whitefish	290	272	SCALES		0	PIT	900026000055838	
0101	2	2656	Mountain whitefish	311	302	SCALES		0	PIT	900026000054014	
0101	2	2657	Mountain whitefish	222	136	SCALES		0			
0101	2	2658	Mountain whitefish	239	122	SCALES		0			
0101	2	2659	Mountain whitefish	233	158	SCALES		0			
0101	2	2660	Mountain whitefish	232	164	SCALES		0			
0101	2	2661	Mountain whitefish	248	162	SCALES		0			
0101	2	2662	Mountain whitefish	276	236	SCALES		0	PIT	900026000051891	
0101	2	2663	Mountain whitefish	249	168	SCALES		0			
0101	2	2664	Mountain whitefish	287	262	SCALES		0	PIT	900026000053536	
0101	2	2665	Mountain whitefish	318	330	SCALES	6	0	PIT	900026000055622	
0101	2	2666	Mountain whitefish	240	158	SCALES		0			
0101	2	2667	Mountain whitefish	296	298	SCALES		2	PIT	965000000087140	
0101	2	2668	Mountain whitefish	235	168	SCALES		0			
0101	2	2669	Mountain whitefish	259	232	SCALES		0	PIT	900026000056225	
0101	2	2670	Mountain whitefish	290	300	SCALES		0	PIT	900026000052382	
0101	2	2671	Mountain whitefish	220	134	SCALES		0			
0101	2	2672	Mountain whitefish	268	202	SCALES		0	PIT	900026000056192	
0101	2	2673	Mountain whitefish	284	214	SCALES		0	PIT	900026000053802	
0101	2	2674	Mountain whitefish	295	268	SCALES		0	PIT	900026000055580	
0101	2	2675	Mountain whitefish	210	96	SCALES		0			
0101	2	2676	Mountain whitefish	305	308	SCALES	5	0	PIT	900026000057081	
0101	2	2677	Mountain whitefish	290	246	SCALES		0	PIT	900026000051424	
0101	2	2678	Mountain whitefish	290	278	SCALES		2	PIT	965000000280986	
0101	2	2679	Mountain whitefish	353	410	SCALES		0	PIT	900026000052220	
0101	2	2680	Mountain whitefish	232	154	SCALES		0			
0101	2	2681	Mountain whitefish	330	390	SCALES		0	PIT	900026000052153	
0101	2	2682	Mountain whitefish	293	308	SCALES	4	0	PIT	900026000053374	
0101	2	2683	Mountain whitefish	254	214	SCALES		0	PIT	900026000053845	
0101	2	2684	Mountain whitefish	246	184	SCALES		0			
0101	2	2685	Mountain whitefish	278	258	SCALES		0	PIT	900026000051406	
0101	2	2686	Mountain whitefish	307	302	SCALES		0	PIT	900026000055690	
0101	2	2687	Mountain whitefish	233	144	SCALES		0			
0101	2	2688	Mountain whitefish	343	410	SCALES		2	PIT	900026000064080	
0101	2	2689	Mountain whitefish	232	134	SCALES		0			
0101	2	2690	Mountain whitefish	256	200	SCALES		0	PIT	900026000055431	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0101	2	2691	Mountain whitefish	234	150	SCALES	0			
	0101	2	2692	Mountain whitefish	222	138	SCALES	0			
	0101	2	2693	Mountain whitefish	317	352	SCALES	2	PIT	965000000110768	
	0101	2	2694	Mountain whitefish	238	162	SCALES	0			
	0101	2	2695	Mountain whitefish	281	240	SCALES	0	PIT	900026000056099	
	0101	2	2696	Mountain whitefish	269	238	SCALES	0	PIT	900026000055652	
	0101	2	2697	Mountain whitefish	249	190	SCALES	0			
	0101	2	2698	Mountain whitefish	244	172	SCALES	0			
	0101	2	2699	Mountain whitefish	283	262	SCALES	0	PIT	900026000051138	
	0101	2	2700	Mountain whitefish	265	210	SCALES	0	PIT	900026000055635	
	0101	2	2701	Mountain whitefish	227	142	SCALES	0			
	0101	2	2702	Mountain whitefish	255	186	SCALES	4	0	PIT	900026000055679
	0101	2	2703	Mountain whitefish	233	132	SCALES	0			
	0101	2	2704	Mountain whitefish	287	278	SCALES	0	PIT	900026000052473	
	0101	2	2705	Mountain whitefish	314	324	SCALES	0			
	0102	2	2706	Mountain whitefish	284	232	SCALES	2	PIT	965000000072562	
	0102	2	2707	Mountain whitefish	304	288	SCALES	0	PIT	900026000051522	
	0102	2	2708	Mountain whitefish	339	406	SCALES	10	0	PIT	900026000053551
	0102	2	2709	Mountain whitefish	278	228	SCALES	0	PIT	900026000055930	
	0102	2	2710	Mountain whitefish	285	278	SCALES	2	PIT	900026000052111	
	0102	2	2711	Mountain whitefish	346	356	SCALES	8	0	PIT	900026000055641
	0102	2	2712	Mountain whitefish	330	356	SCALES	0	PIT	900026000057307	
	0102	2	2713	Mountain whitefish	317	354	SCALES	0	PIT	900026000055214	
	0102	2	2714	Mountain whitefish	308	322	SCALES	0	PIT	900026000051315	
	0102	2	2715	Mountain whitefish	279	244	SCALES	0	PIT	900026000063330	
	0102	2	2716	Mountain whitefish	268	240	SCALES	0	PIT	900026000057235	
	0102	2	2717	Mountain whitefish	253	204	SCALES	0	PIT	900026000056611	
	0102	2	2718	Mountain whitefish	298	332	SCALES	2	PIT	965000000084935	
	0102	2	2719	Mountain whitefish	276	244	SCALES	0	PIT	900026000055846	
	0102	2	2720	Mountain whitefish	314	294	SCALES	0	PIT	900026000053896	
	0102	2	2721	Mountain whitefish	361	500	SCALES	0	PIT	900026000035200	
	0102	2	2722	Mountain whitefish	274	232	SCALES	0	PIT	900026000035305	
	0102	2	2723	Mountain whitefish	293	252	SCALES	0	PIT	900026000035255	
	0102	2	2724	Mountain whitefish	326	352	SCALES	0	PIT	900026000054038	
	0102	2	2725	Mountain whitefish	278	260	SCALES	2	PIT	965000000112450	
	0102	2	2726	Mountain whitefish	265	212	SCALES	0	PIT	900026000055572	
	0102	2	2727	Mountain whitefish	327	310	SCALES	0	PIT	900026000051268	
	0102	2	2728	Mountain whitefish	347	400	SCALES	0	PIT	900026000055509	
	0102	2	2729	Mountain whitefish	356	468	SCALES	0	PIT	900026000056798	
	0102	2	2730	Mountain whitefish	310	326	SCALES	0	PIT	900026000051582	
	0102	2	2731	Mountain whitefish	292	308	SCALES	2	PIT	900026000053374	
	0102	2	2732	Mountain whitefish	350	472	SCALES	9	2	PIT	965000000246317
	0102	2	2733	Mountain whitefish	282	252	SCALES	0	PIT	900026000052219	
	0102	2	2734	Mountain whitefish	294	268	SCALES	2	PIT	900026000056046	
	0102	2	2735	Mountain whitefish	296	314	SCALES	2	PIT	965000000069469	
	0102	2	2736	Mountain whitefish	257	192	SCALES	0	PIT	900026000064905	
	0102	2	2737	Mountain whitefish	299		SCALES	2	PIT	900026000065491	
	0102	2	2738	Mountain whitefish	287	260	SCALES	0	PIT	900026000057533	
	0102	2	2739	Mountain whitefish	239	162	SCALES	0			
	0102	2	2740	Mountain whitefish	275	226	SCALES	0	PIT	900026000034990	
	0102	2	2741	Mountain whitefish	288		SCALES	0	PIT	900026000053887	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0102	2	2742	Mountain whitefish	309	334	SCALES	0	PIT	900026000057578	
	0102	2	2743	Mountain whitefish	334	382	SCALES	0	PIT	900026000055969	
	0102	2	2744	Mountain whitefish	302	310	SCALES	2	FLOY		9605YELLOW
	0102	2	2745	Mountain whitefish	302	304	SCALES	0	PIT	900026000053982	
	0102	2	2746	Mountain whitefish	250	148	SCALES	0	PIT	900026000055275	
	0102	2	2747	Mountain whitefish	225	134	SCALES	0			
	0102	2	2748	Mountain whitefish	262	200	SCALES	0	PIT	900026000055858	
	0102	2	2749	Mountain whitefish	280	250	SCALES	0	PIT	900026000052228	
	0102	2	2750	Mountain whitefish	299	274	SCALES	0	PIT	900026000052478	
	0102	2	2751	Mountain whitefish	276	226	SCALES	0	PIT	900026000055933	
	0102	2	2752	Mountain whitefish	228	118	SCALES	0			
	0102	2	2753	Mountain whitefish	275	270	SCALES	0	PIT	900026000035425	
	0102	2	2754	Mountain whitefish	279	244	SCALES	0	PIT	900026000034772	
	0102	2	2755	Mountain whitefish	282	240	SCALES	4	0	PIT	900026000053849
	0102	2	2756	Mountain whitefish	288	320	SCALES	5	0	PIT	900026000053775
	0102	2	2757	Mountain whitefish	287	252	SCALES	0	PIT	900026000055965	
	0102	2	2758	Mountain whitefish	237	140	SCALES	0			
	0102	2	2759	Mountain whitefish	277	274	SCALES	0	PIT	900026000054058	
	0102	2	2760	Mountain whitefish	349	460	SCALES	0	PIT	900026000052407	
	0102	2	2761	Mountain whitefish	278	216	SCALES	0	PIT	900026000056482	
	0102	2	2762	Mountain whitefish	289	244	SCALES	0	PIT	900026000035234	
	0102	2	2763	Mountain whitefish	288	268	SCALES	0	PIT	900026000055369	
	0102	2	2764	Mountain whitefish	291	302	SCALES	0	PIT	900026000053622	
	0102	2	2765	Mountain whitefish	291	338	SCALES	0	PIT	900026000051331	
	0102	2	2766	Mountain whitefish	281	270	SCALES	0	PIT	900026000056521	
	0102	2	2767	Mountain whitefish	300	284	SCALES	4	0	PIT	900026000064564
	0102	2	2768	Mountain whitefish	297	292	SCALES	2	PIT	96500000107731	
	0102	2	2769	Mountain whitefish	290	258	SCALES	0	PIT	900026000057480	
	0102	2	2770	Mountain whitefish	308	318	SCALES	2	PIT	965000000087733	
	0102	2	2771	Mountain whitefish	264	204	SCALES	0	PIT	900026000055336	
	0102	2	2772	Mountain whitefish	276	230	SCALES	0	PIT	900026000052332	
	0102	2	2773	Mountain whitefish	248		SCALES	0			
	0102	2	2774	Mountain whitefish	263	222	SCALES	0	PIT	900026000055893	
	0102	2	2775	Mountain whitefish	265	222	SCALES	0	PIT	900026000055703	
	0102	2	2776	Mountain whitefish	338	350	SCALES	0	PIT	900026000055541	
	0102	2	2777	Mountain whitefish	251	178	SCALES	0	PIT	900026000051417	
	0102	2	2778	Mountain whitefish	254	226	SCALES	0	PIT	900026000064487	
	0102	2	2779	Mountain whitefish	273	232	SCALES	5	0	PIT	900026000055267
	0102	2	2780	Mountain whitefish	290	246	SCALES	0	PIT	900026000051593	
	0102	2	2781	Mountain whitefish	314	360	SCALES	4	0	PIT	900026000056120
	0102	2	2782	Mountain whitefish	331	304	SCALES	0	PIT	900026000051216	
	0102	2	2783	Mountain whitefish	368	458	SCALES	2	PIT	900026000035522	
	0102	2	2784	Mountain whitefish	301	278	SCALES	0	PIT	900026000055760	
	0102	2	2785	Mountain whitefish	300	318	SCALES	0	PIT	900026000053021	
	0102	2	2786	Mountain whitefish	285	268	SCALES	0	PIT	900026000051568	
	0102	2	2787	Mountain whitefish	224	142	SCALES	0			
	0102	2	2788	Mountain whitefish	306	298	SCALES	2	PIT	965000000070256	
	0102	2	2789	Mountain whitefish	298	350	SCALES	0	PIT	900026000035210	
	0102	2	2790	Mountain whitefish	332	324	SCALES	2	PIT	900026000033597	
	0102	2	2791	Mountain whitefish	256	214	SCALES	4	0	PIT	900026000051453
	0102	2	2792	Mountain whitefish	284	284	SCALES	0	PIT	900026000055971	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	2	2793	Mountain whitefish	272	220	SCALES		2	PIT	900026000054330	
	2	2794	Mountain whitefish	298	314	SCALES		0	PIT	900026000053561	
	2	2795	Mountain whitefish	268	226	SCALES		2	PIT	900026000064096	
	2	2796	Mountain whitefish	364	478	SCALES		0	PIT	900026000034665	
	2	2797	Mountain whitefish	311	332	SCALES		0	PIT	900026000054124	
	2	2798	Mountain whitefish	327	382	SCALES		0	PIT	900026000052358	
	2	2799	Mountain whitefish	273	236	SCALES		0	PIT	900026000053761	
	2	2800	Mountain whitefish	272	264	SCALES		0			
	2	2801	Mountain whitefish	328	324	SCALES		0	PIT	900026000053818	
	2	2802	Mountain whitefish	283	294	SCALES		0	PIT	900026000052447	
	2	2803	Mountain whitefish	297	274	SCALES		0	PIT	900026000051572	
	2	2804	Mountain whitefish	250	176	SCALES		0	PIT	900026000056558	
	2	2805	Mountain whitefish	229		SCALES		0			
	2	2806	Mountain whitefish	284	228	SCALES		0	PIT	900026000052080	
	2	2807	Kokanee	182	68			1			
	2	2808	Bull trout	444	1018	FIN RAY	5	0	PIT	900026000055829	
	2	2809	Mountain whitefish	328	368	SCALES		0	PIT	900026000035170	
	2	2810	Mountain whitefish	323	402	SCALES	5	2	PIT	965000000247537	
	2	2811	Mountain whitefish	257	182	SCALES		0	PIT	900026000055174	
	2	2812	Mountain whitefish	405	640	SCALES		0	PIT	900026000052523	
	2	2813	Mountain whitefish	283	236	SCALES		0	PIT	900026000055901	
	2	2814	Mountain whitefish	305	298	SCALES		0	PIT	900026000055231	
	2	2815	Mountain whitefish	229	128	SCALES		0			
	2	2816	Mountain whitefish	305	324	SCALES		0	PIT	900026000053869	
	2	2817	Mountain whitefish	296	284	SCALES		0	PIT	900026000056358	
	2	2818	Mountain whitefish	247	174	SCALES		0			
	2	2819	Rainbow trout	237	184			0			
	2	2820	Mountain whitefish	282	274	SCALES		2	PIT	900026000055179	
	2	2821	Kokanee	162	40			0			
	2	2822	Mountain whitefish	285	260	SCALES		0	PIT	900026000055714	
	2	2823	Mountain whitefish	296	294	SCALES		0	PIT	900026000055870	
	2	2824	Kokanee	195	70			0			
	2	2825	Rainbow trout	312	358	SCALES		0	PIT	900026000035436	
	2	2826	Mountain whitefish	307	310	SCALES		0	PIT	900026000056800	
	2	2827	Mountain whitefish	275	236	SCALES		2	PIT	900026000055343	
	2	2828	Mountain whitefish	283	284	SCALES		0	PIT	900026000052429	
	2	2829	Mountain whitefish	262	216	SCALES		0	PIT	900026000033539	
	2	2830	Mountain whitefish	240	152	SCALES	3	0			
	2	2831	Mountain whitefish	381	572	SCALES		0	PIT	900026000057459	
	2	2832	Mountain whitefish	309	296	SCALES		0	PIT	900026000035233	
	2	2833	Mountain whitefish	339	356	SCALES		0	PIT	900026000051650	
	2	2834	Mountain whitefish	308	328	SCALES		0	PIT	900026000053405	
	2	2835	Mountain whitefish	370	464	SCALES		2	FLOY		998YELLOW
	2	2836	Mountain whitefish	330	298	SCALES		0	PIT	900026000052425	
	2	2837	Mountain whitefish	310	312	SCALES		0	PIT	900026000055625	
	2	2838	Mountain whitefish	300	310	SCALES		0	PIT	900026000055698	
	2	2839	Mountain whitefish	278	250	SCALES		0	PIT	900026000056048	
	2	2840	Mountain whitefish	340	416	SCALES		0	PIT	900026000055732	
	2	2841	Mountain whitefish	286	272	SCALES		0	PIT	900026000057279	
	2	2842	Rainbow trout	269	266	SCALES		0	PIT	900026000053741	
	2	2843	Mountain whitefish	243	168	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	2	2844	Mountain whitefish	322	326	SCALES		0	PIT	900026000055852	
	2	2845	Mountain whitefish	298	312	SCALES		0	PIT	900026000055360	
	2	2846	Mountain whitefish	296	270	SCALES		0	PIT	900026000051259	
	2	2847	Mountain whitefish	328	352	SCALES		0	PIT	900026000055771	
	2	2848	Mountain whitefish	281	240	SCALES		0	PIT	900026000055682	
	2	2849	Mountain whitefish	291	274	SCALES		0	PIT	900026000053780	
	2	2850	Mountain whitefish	357	362	SCALES		2	PIT	900026000057180	
	2	2851	Mountain whitefish	232	144	SO		1			
	2	2852	Longnose sucker	434	862			0			
	2	2853	Mountain whitefish	339	380	SCALES		0	PIT	900026000051608	
	2	2854	Mountain whitefish	331	300	SCALES		0	PIT	900026000052060	
	2	2855	Mountain whitefish	307	296	SCALES		0			
	2	2856	Mountain whitefish	288	294	SCALES		0	PIT	900026000057607	
	2	2857	Mountain whitefish	230	148	SCALES		0			
	2	2858	Mountain whitefish	353	474	SCALES		0	PIT	900026000063689	
	2	2859	Mountain whitefish	241	186	SCALES	4	0			
	2	2860	Mountain whitefish	309	288	SCALES		2	PIT	965000000247170	
	2	2861	Mountain whitefish	298	292	SCALES	7	0	PIT	900026000055598	
	2	2862	Mountain whitefish	290	268	SCALES		0	PIT	900026000035192	
	2	2863	Bull trout	159	46	SCALES	2	0			
	2	2864	Mountain whitefish	297	244	SCALES		0	PIT	900026000052188	
	2	2865	Mountain whitefish	309	280	SCALES		0	PIT	900026000034769	
	2	2866	Mountain whitefish	300	272	SCALES		0	PIT	900026000034720	
	2	2867	Mountain whitefish	316	314	SCALES	6	0	PIT	900026000051775	
	2	2868	Mountain whitefish	290	284	SCALES		0	PIT	900026000055249	
	2	2869	Mountain whitefish	268	208	SCALES		0	PIT	900026000052137	
	2	2870	Kokanee	205	80			0			
	2	2871	Mountain whitefish	293	306	SCALES	5	0	PIT	900026000051666	
	2	2872	Mountain whitefish	282	274	SCALES		0	PIT	900026000057602	
	2	2873	Mountain whitefish	276	254	SCALES		0	PIT	900026000055262	
	2	2874	Mountain whitefish	345	418	SCALES		0	PIT	900026000056790	
	2	2875	Mountain whitefish	188	74			0			
	2	2876	Mountain whitefish	251		SCALES		0	PIT	900026000053890	
	2	2877	Mountain whitefish	258	200	SCALES		0	PIT	900026000055825	
	2	2878	Mountain whitefish	302	288	SCALES		0	PIT	900026000053750	
	2	2879	Mountain whitefish	237	170	SCALES		0			
	2	2880	Mountain whitefish	351	462	SCALES		0	PIT	900026000055513	
	2	2881	Rainbow trout	219	148	SCALES		0			
	2	2882	Mountain whitefish	230	136	SCALES		0			
	2	2883	Mountain whitefish	298	254	SCALES		0	PIT	900026000056104	
	2	2884	Mountain whitefish	234	146	SCALES		0			
	2	2885	Rainbow trout	236	182	SCALES		0			
	2	2886	Kokanee	203	98			0			
	2	2887	Kokanee	160	42			0			
	2	2888	Rainbow trout	218	164			0			
	2	2889	Mountain whitefish	329				0	PIT	900026000056251	
	2	2890	Mountain whitefish	318	312	SCALES		0	PIT	900026000052489	
	2	2891	Rainbow trout	310	378	SCALES		0	PIT	900026000053861	
	2	2892	Mountain whitefish	356	428	SCALES		0	PIT	900026000055571	
	2	2893	Mountain whitefish	324	318	SCALES	6	0	PIT	900026000055193	
	2	2894	Rainbow trout	268	260	SCALES		2	PIT	900026000053199	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	2	2895	Bull trout	155	38	SCALES	2	0			
	2	2896	Mountain whitefish	357	406	SCALES	6	0	PIT	900026000051445	
	2	2897	Mountain whitefish	317	328	SCALES		0	PIT	900026000051667	
	2	2898	Mountain whitefish	331	322	SCALES		0	PIT	900026000053772	
	2	2899	Mountain whitefish	270	258	SCALES		2	PIT	900026000065355	
	2	2900	Mountain whitefish	299	322	SCALES		0	PIT	900026000035546	
	2	2901	Mountain whitefish	291	250	SCALES		0	PIT	900026000057287	
	2	2902	Mountain whitefish	270	218	SCALES		0	PIT	900026000055787	
	2	2903	Mountain whitefish	298	280	SCALES	5	0	PIT	900026000035166	
	2	2904	Mountain whitefish	243	180	SCALES		0			
	2	2905	Mountain whitefish	300	290	SCALES		0	PIT	900026000051552	
	2	2906	Mountain whitefish	314	298	SCALES		0	PIT	900026000055156	
	2	2907	Mountain whitefish	342	474	SCALES		2	PIT	900026000052407	
	2	2908	Mountain whitefish	294	260	SCALES	4	0	PIT	900026000035179	
	2	2909	Mountain whitefish	342	346	SCALES	7	0	PIT	900026000056062	
	2	2910	Mountain whitefish	336	372	SCALES		0	PIT	900026000056039	
	2	2911	Mountain whitefish	302	290	SCALES		2	PIT	965000000239081	
	2	2912	Mountain whitefish	295	244	SCALES		0	PIT	900026000056011	
	2	2913	Mountain whitefish	280	246	SCALES		0	PIT	900026000055832	
	2	2914	Mountain whitefish	270	226	SCALES		0	PIT	900026000053917	
	2	2915	Mountain whitefish	247	206	SCALES		0			
	2	2916	Mountain whitefish	286	276	SCALES		0	PIT	900026000052035	
	2	2917	Mountain whitefish	280	262	SCALES		0	PIT	900026000056089	
	2	2918	Mountain whitefish	275	196	SCALES		0	PIT	900026000054071	
	2	2919	Mountain whitefish	336	356	SCALES		0	PIT	900026000051680	
	2	2920	Kokanee	153	36			0			
	2	2921	Mountain whitefish	286	254	SCALES		0			
	2	2922	Mountain whitefish	299	236	SCALES		0	PIT	900026000035202	
	2	2923	Rainbow trout	224	120	SCALES		0			
	2	2924	Kokanee	210	118			0			
	2	2925	Kokanee	190	74			0			
	2	2926	Rainbow trout	224	138	SCALES		0			
	2	2927	Mountain whitefish	329	326	SCALES		0	PIT	900026000055617	
	2	2928	Mountain whitefish	281	284	SCALES		0	PIT	900026000057593	
	2	2929	Mountain whitefish	282	292	SCALES		0	PIT	900026000053812	
	2	2930	Mountain whitefish	363	466	SCALES		0	PIT	900026000035205	
	2	2931	Mountain whitefish	358	488	SCALES		0	PIT	900026000055409	
	2	2932	Mountain whitefish	332	416	SO		3	FLOY	12999	WHITE
	2	2933	Longnose sucker	440	926			0			
	2	2934	Mountain whitefish	387	484	SCALES		2	PIT	900026000054688	
	2	2935	Mountain whitefish	299	292	SCALES		2	PIT	900026000063163	
	2	2936	Mountain whitefish	258	192	SCALES		0	PIT	900026000148895	
	2	2937	Mountain whitefish	307	336	SCALES		0	PIT	900026000148734	
	2	2938	Mountain whitefish	284	240	SCALES		0	PIT	900026000148318	
	2	2939	Mountain whitefish	235	154	SCALES		0			
	2	2940	Longnose sucker	421	872			0			
	2	2941	Mountain whitefish	256	216	SCALES		0	PIT	900026000148438	
	2	2942	Mountain whitefish	294	254	SCALES		0	PIT	900026000148751	
	2	2943	Mountain whitefish	220	118	SCALES		0			
	2	2944	Mountain whitefish	353	388	SCALES		2	FLOY	9639	YELLOW
	2	2945	Mountain whitefish	317	302	SCALES		0	PIT	900026000148737	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
1												
	0110	2	2946	Mountain whitefish	284	252	SCALES	0	PIT	900026000148119		
	0110	2	2947	Mountain whitefish	294	266	SCALES	0	PIT	900026000148961		
	0110	2	2948	Mountain whitefish	306	270	SCALES	0	PIT	900026000148500		
	0110	2	2949	Mountain whitefish	312	312	SCALES	0	PIT	900026000148022		
	0110	2	2950	White sucker	388	730		0				
	0110	2	2951	Mountain whitefish	282	250	SCALES	0	PIT	900026000148341		
	0110	2	2952	Mountain whitefish	336	338	SCALES	0	PIT	900026000148301		
	0110	2	2953	Mountain whitefish	340	370	SCALES	0	PIT	900026000148098		
	0110	2	2954	Mountain whitefish	275	214	SCALES	2	PIT	96500000092032		
	0110	2	2955	Mountain whitefish	284	206	SCALES	0	PIT	900026000148122		
	0110	2	2956	Mountain whitefish	270	248	SCALES	0	PIT	900026000148627		
	0110	2	2957	Mountain whitefish	315	312	SCALES	0	PIT	900026000148743		
	0110	2	2958	Mountain whitefish	282	226	SCALES	0	PIT	900026000148547		
	0110	2	2959	Mountain whitefish	314	312	SCALES	0	PIT	900026000148075		
	0110	2	2960	Mountain whitefish	356	408	SCALES	0	PIT	900026000148599		
	0110	2	2961	Mountain whitefish	403	528	SCALES	2	PIT	965000000240848		
	0110	2	2962	Mountain whitefish	238	158	SCALES	4	0			
	0111	2	2963	Mountain whitefish	346	400	SCALES	0	PIT	900026000148419		
	0111	2	2964	Mountain whitefish	396	652	SCALES	2	PIT	900026000051564		
	0111	2	2965	Mountain whitefish	411	702	SCALES	11	2	PIT	965000000246602	
	0111	2	2966	Mountain whitefish	375	470	SCALES	0	PIT	900026000148693		
	0111	2	2967	Mountain whitefish	365	440	SCALES	2	PIT	965000000081827		
	0111	2	2968	Mountain whitefish	291	284	SCALES	0	PIT	900026000148723		
	0111	2	2969	Mountain whitefish	343	404	SCALES	2	PIT	900026000060602		
	0111	2	2970	Mountain whitefish	342	460	SCALES	0	PIT	900026000148720		
	0111	2	2971	Mountain whitefish	371	486	SCALES	2	PIT	900026000053904		
	0111	2	2972	Mountain whitefish	304	244	SCALES	0	PIT	900026000148214		
	0111	2	2973	Mountain whitefish	323	300	SCALES	0	PIT	900026000148673		
	0111	2	2974	Mountain whitefish	260	214	SCALES	2	PIT	900026000053784		
	0111	2	2975	Mountain whitefish	277	226	SCALES	2	PIT	900026000051681		
	0111	2	2976	Mountain whitefish	270	210	SCALES	0	PIT	900026000148057		
	0111	2	2977	Mountain whitefish	289	228	SCALES	0	PIT	900026000148715		
	0111	2	2978	Mountain whitefish	287	238	SCALES	2	PIT	900026000063911		
	0111	2	2979	Mountain whitefish	333	276	SCALES	0	PIT	900026000148597		
	0111	2	2980	Mountain whitefish	364	406	SCALES	0	PIT	900026000148705		
	0111	2	2981	Mountain whitefish	309	304	SCALES	2	PIT	900026000061232		
	0111	2	2982	Mountain whitefish	332	326	SCALES	0	PIT	965000000247234		
	0111	2	2983	Mountain whitefish	289	254	SCALES	2	PIT	965000000087139		
	0111	2	2984	Mountain whitefish	363	382	SCALES	0	PIT	900026000148822		
	0111	2	2985	Mountain whitefish	291	250	SCALES	2	PIT	965000000093412		
	0111	2	2986	Mountain whitefish	335	342	SCALES	0	PIT	900026000148509		
	0111	2	2987	Mountain whitefish	322	322	SCALES	0	PIT	900026000148826		
	0111	2	2988	Mountain whitefish	322	294	SCALES	2	PIT	900026000051281		
	0111	2	2989	Mountain whitefish	274	216	SCALES	0	PIT	900026000148141		
	0111	2	2990	Mountain whitefish	302	274	SCALES	2	PIT	900026000051286		
	0111	2	2991	Bull trout	182	64	SCALES	2	0			
	0111	2	2992	Mountain whitefish	332	340	SCALES	2	PIT	965000000070372		
	0111	2	2993	Mountain whitefish	253	182	SCALES	0	PIT	900026000148777		
	0111	2	2994	Mountain whitefish	270	210	SCALES	0	PIT	900026000148726		
	0111	2	2995	Mountain whitefish	281	272	SCALES	0	PIT	900026000148580		
	0111	2	2996	Mountain whitefish	289	218	SCALES	5	0	PIT	900026000148046	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
1												
	0111	2	2997	Mountain whitefish	289	232	SCALES	0	PIT	900026000148340		
	0111	2	2998	Mountain whitefish	336	308	SCALES	0	PIT	900026000148608		
	0111	2	2999	Mountain whitefish	306	304	SCALES	2	PIT	965000000242646		
	0111	2	3000	Mountain whitefish	271	212	SCALES	0	PIT	900026000148506		
	0111	2	3001	Mountain whitefish	259	230	SCALES	0	PIT	900026000148033		
	0111	2	3002	Mountain whitefish	251	176	SCALES	4	0	PIT	900026000148515	
	0111	2	3003	Mountain whitefish	274	200	SCALES	0	PIT	900026000148728		
	0111	2	3004	Mountain whitefish	265	216	SCALES	0	PIT	900026000148093		
	0111	2	3005	Mountain whitefish	294	296	SCALES	2	PIT	900026000055360		
	0111	2	3006	Mountain whitefish	274	222	SCALES	0	PIT	900026000148157		
	0111	2	3007	Mountain whitefish	281	222	SCALES	0	PIT	900026000148963		
	0111	2	3008	Mountain whitefish	312	290	SCALES	2	PIT	965000000245395		
	0111	2	3009	Mountain whitefish	302	308	SCALES	2	PIT	965000000246984		
	0111	2	3010	Mountain whitefish	276	230	SCALES	0	PIT	900026000148797		
	0111	2	3011	Mountain whitefish	334	354	SCALES	0	PIT	900026000148762		
	0111	2	3012	Mountain whitefish	323	336	SCALES	2	PIT	965000000245661		
	0111	2	3013	Mountain whitefish	277	268	SCALES	0	PIT	900026000148659		
	0111	2	3014	Mountain whitefish	318	348	SCALES	2	PIT	900026000056279		
	0111	2	3015	Mountain whitefish	310	316	SCALES	0	PIT	900026000148632		
	0111	2	3016	Mountain whitefish	231	146	SCALES	0				
	0111	2	3017	Mountain whitefish	298	250	SCALES	2	PIT	965000000071894		
	0111	2	3018	Mountain whitefish	313	334	SCALES	0	PIT	900026000053751		
	0111	2	3019	Mountain whitefish	264	212	SCALES	0	PIT	900026000055573		
	0111	2	3020	Mountain whitefish	230	132	SCALES	0				
	0112	2	3021	Kokanee	217	102		0				
	0112	2	3022	Mountain whitefish	288	252	SCALES	0				
	0112	2	3023	Mountain whitefish	234	148	SCALES	0				
	0112	2	3024	Longnose sucker	401	964		0				
	0112	2	3025	Longnose sucker	388	862		0				
	0112	2	3026	Mountain whitefish	278	236	SCALES	0	PIT	900026000056079		
	0112	2	3027	Mountain whitefish	301	308	SCALES	0	PIT	900026000055435		
	0112	2	3028	Mountain whitefish	283	254	SCALES	0	PIT	900026000053538		
	0112	2	3029	Mountain whitefish	280	246	SCALES	0	PIT	900026000034812		
	0112	2	3030	Mountain whitefish	265	224	SCALES	0	PIT	900026000064114		
	0112	2	3031	Mountain whitefish	317	360	SCALES	0	PIT	900026000051738		
	0112	2	3032	Mountain whitefish	284	254	SCALES	0	PIT	900026000034627		
	0112	2	3033	Mountain whitefish	344	380	SCALES	0	PIT	900026000055874		
	0112	2	3034	Mountain whitefish	432	570	SCALES	0	PIT	900026000057465		
	0112	2	3035	Mountain whitefish	360	416	SCALES	0	PIT	900026000055455		
	0112	2	3036	Mountain whitefish	308	304	SCALES	6	2	PIT	965000000245437	
	0112	2	3037	Mountain whitefish	297	314	SCALES	2	PIT	900026000064108		
	0112	2	3038	Mountain whitefish	303	294	SCALES	0	PIT	900026000035318		
	0112	2	3039	Mountain whitefish	373	418	SCALES	7	0	PIT	900026000056036	
	0112	2	3040	Longnose sucker	388	750		0				
	0112	2	3041	Mountain whitefish	285	232	SCALES	2	PIT	900026000064706		
	0112	2	3042	Mountain whitefish	368	452	SCALES	0	PIT	900026000055309		
	0112	2	3043	Mountain whitefish	246	176	SCALES	0				
	0112	2	3044	Mountain whitefish	283	274	SCALES	0	PIT	900026000055649		
	0112	2	3045	Mountain whitefish	295	294	SCALES	6	0	PIT	900026000035012	
	0112	2	3046	Mountain whitefish	355	508	SCALES	2	PIT	965000000089373		
	0112	2	3047	Mountain whitefish	284	246	SCALES	0	PIT	900026000056383		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	2	3048	Mountain whitefish	312	304	SCALES		0	PIT	900026000053964	
	2	3049	Mountain whitefish	409	752	SCALES		0	PIT	900026000056102	
	2	3050	Mountain whitefish	323	372	SCALES		2	PIT	900026000065413	
	2	3051	Mountain whitefish	260	220	SCALES		0	PIT	900026000055456	
	2	3052	Mountain whitefish	286	222	SCALES		2	PIT	900026000148046	
	2	3053	Mountain whitefish	303	272	SCALES		0	PIT	900026000055310	
	2	3054	Mountain whitefish	267	216	SCALES		0	PIT	900026000053922	
	2	3055	Mountain whitefish	294	260	SCALES		0	PIT	900026000056117	
	2	3056	Mountain whitefish	233	156	SCALES		0			
	2	3057	Mountain whitefish	229	158	SCALES		0			
	2	3058	Mountain whitefish	257	242	SCALES		0	PIT	900026000063339	
	2	3059	Mountain whitefish	290	278	SCALES		2	PIT	900026000055864	
	2	3060	Mountain whitefish	285	244	SCALES		0	PIT	900026000148793	
	2	3061	Mountain whitefish	340	242	SCALES		0	PIT	900026000148759	
	2	3062	Mountain whitefish	285	232	SCALES		0	PIT	900026000148713	
	2	3063	Mountain whitefish	259	198	SCALES		2	PIT	900026000052199	
	2	3064	Mountain whitefish	252	212	SCALES		0	PIT	900026000148097	
	2	3065	Mountain whitefish	306	372	SCALES		0	PIT	900026000148436	
	2	3066	Mountain whitefish	280	192	SCALES		0	PIT	900026000148914	
	2	3067	Kokanee	197	68			0			
	2	3068	Mountain whitefish	305	274	SCALES		2	PIT	900026000055260	
	2	3069	Mountain whitefish	297	272	SCALES		2	PIT	900026000057570	
	2	3070	Mountain whitefish	288	252	SCALES		0	PIT	900026000148060	
	2	3071	Mountain whitefish	306	320	SCALES		0	PIT	900026000148129	
	2	3072	Mountain whitefish	266	242	SCALES		0	PIT	900026000148817	
	2	3073	Mountain whitefish	248	186	SO		1			
	2	3074	Mountain whitefish	309	314			0			
	2	3075	Longnose sucker	444	872			0			
	2	3076	Longnose sucker	430	1002			0			
	2	3077	Mountain whitefish	421	704	SCALES		2	PIT	96500000092629	
	2	3078	Mountain whitefish	261	208	SCALES		0			
	2	3079	Mountain whitefish	351	372	SCALES		0	PIT	900026000052285	
	2	3080	Mountain whitefish	292	274	SCALES		0			
	2	3081	Mountain whitefish	257	180	SCALES		0	PIT	900026000035263	
	2	3082	Mountain whitefish	292	284	SCALES		2	PIT	900026000063556	
	2	3083	Mountain whitefish	409	652	SCALES		0	PIT	900026000055716	
	2	3084	Mountain whitefish	318	318	SCALES		2	PIT	4D00027366	
	2	3085	Mountain whitefish	364	420	SCALES		0	PIT	900026000148237	
	2	3086	Mountain whitefish	302	282	SCALES		2	PIT	965000000247512	
	2	3087	Mountain whitefish	289	256	SCALES		0	PIT	900026000148065	
	2	3088	Mountain whitefish	426	782	SCALES		0	PIT	900026000148536	
	2	3089	Mountain whitefish	341	370	SCALES		2	PIT	965000000244662	
	2	3090	Mountain whitefish	253	184	SCALES		0	PIT	900026000148529	
	2	3091	Mountain whitefish	402	546	SCALES		0	PIT	900026000148204	
	2	3092	Mountain whitefish	293	268	SCALES		0	PIT	900026000148611	
	2	3093	Mountain whitefish	307	266	SCALES		0	PIT	900026000148917	
	2	3094	Mountain whitefish	377	498	SCALES		0	PIT	900026000148005	
	2	3095	Mountain whitefish	221	114	SCALES		0			
	2	3096	Mountain whitefish	282	226	SCALES		2	PIT	965000000084262	
	2	3097	Mountain whitefish	262	196	SCALES		0	PIT	900026000055328	
	2	3098	Mountain whitefish	232	118	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	2	3099	Mountain whitefish	394	628	SCALES		0	PIT	900026000056552	
	2	3100	Mountain whitefish	304	270	SCALES		2	FLOY		8279YELLOW
	2	3101	Mountain whitefish	285	216	SCALES		2	PIT	900026000064191	
	2	3102	Mountain whitefish	337	364	SCALES	7	2	PIT	4D00032526	
	2	3103	Mountain whitefish	287	254	SCALES		0	PIT	900026000148767	
	2	3104	Mountain whitefish	242	170	SCALES		0			
	2	3105	Mountain whitefish	224	134	SCALES		0			
	2	3106	Mountain whitefish	288	220	SCALES		0	PIT	900026000148131	
	2	3107	Mountain whitefish	254	230	SCALES	4	0	PIT	900026000148913	
	2	3108	Mountain whitefish	314	318	SCALES		0	PIT	900026000052462	
	2	3109	Mountain whitefish	305	276	SCALES		2	PIT	965000000110365	
	2	3110	Mountain whitefish	297	310	SCALES		0	PIT	900026000056069	
	2	3111	Mountain whitefish	328	306	SCALES		0	PIT	900026000055163	
	2	3112	Mountain whitefish	248	172	SCALES		0			
	2	3113	Mountain whitefish	277	218	SCALES		0	PIT	900026000055534	
	2	3114	Mountain whitefish	306	284	SCALES		0	PIT	900026000052357	
	2	3115	Mountain whitefish	303	300	SCALES		0	PIT	900026000035288	
	2	3116	Mountain whitefish	346	364	SCALES		0	PIT	900026000056032	
	2	3117	Mountain whitefish	277	232	SCALES		0	PIT	900026000055633	
	2	3118	Mountain whitefish	235	148	SCALES		0			
	2	3119	Mountain whitefish	233	142	SCALES		0			
	2	3120	Mountain whitefish	282	228	SCALES		0	PIT	900026000053299	
	2	3121	Largescale sucker	469	1190			0			
	2	3122	Mountain whitefish	327	314	SCALES		0	PIT	900026000056237	
	2	3123	Mountain whitefish	354	364	SCALES		0	PIT	900026000053937	
	2	3124	Mountain whitefish	388	682	SCALES		2	PIT	0A00727626	
	2	3125	Mountain whitefish	274	210	SCALES		0	PIT	900026000051565	
	2	3126	Mountain whitefish	297	282	SCALES		2	PIT	900026000065522	
	2	3127	Rainbow trout	219	132	SCALES		0			
	2	3128	Mountain whitefish	276	224	SCALES		0	PIT	900026000051256	
	2	3129	Mountain whitefish	239	152	SCALES		0			
	2	3130	Mountain whitefish	298	292	SCALES		0	PIT	900026000054068	
	2	3131	Arctic grayling	300	348	SCALES	3	0	PIT	900026000051584	
	2	3132	Mountain whitefish	291	274	SCALES		0	PIT	900026000051381	
	2	3133	Mountain whitefish	270	224	SCALES		0	PIT	900026000055302	
	2	3134	Mountain whitefish	349	396	SCALES		0	PIT	900026000056153	
	2	3135	Mountain whitefish	354	426	SCALES		2	PIT	900026000055571	
	2	3136	Mountain whitefish	352	458	SCALES		2	PIT	900026000063689	
	2	3137	Mountain whitefish	292	276	SCALES		2	PIT	965000000091588	
	2	3138	Mountain whitefish	204	98	SCALES		0			
	2	3139	Mountain whitefish	321	300	SCALES		2	PIT	965000000078057	
	2	3140	White sucker	376	650			0			
	2	3141	Mountain whitefish	346	386	SCALES		2	PIT	900026000052285	
	2	3142	Mountain whitefish	263	192	SCALES		0	PIT	900026000055453	
	2	3143	Mountain whitefish	334	330	SCALES		2	PIT	965000000078577	
	2	3144	Mountain whitefish	297	256	SCALES		0	PIT	900026000055729	
	2	3145	Mountain whitefish	278	238	SCALES		2	PIT	900026000055633	
	2	3146	Mountain whitefish	250	184	SCALES		0	PIT	900026000055927	
	2	3147	Mountain whitefish	298	266	SCALES	6	0	PIT	900026000035228	
	2	3148	Mountain whitefish	274	242	SCALES		2	PIT	965000000070848	
	2	3149	Mountain whitefish	282	236	SCALES		0	PIT	900026000053559	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	2	3150	Kokanee	216	92			0			
	2	3151	Mountain whitefish	340	312	SCALES		0	PIT	900026000055745	
	2	3152	Mountain whitefish	298	340	SCALES		0	PIT	900026000055932	
	2	3153	Mountain whitefish	289		SCALES		0	PIT	900026000035307	
	2	3154	Mountain whitefish	304	274	SCALES	4	0	PIT	900026000051673	
	2	3155	Mountain whitefish	274	256	SCALES		2	PIT	900026000061309	
	2	3156	Mountain whitefish	318	318	SCALES		0	PIT	900026000051297	
	2	3157	Mountain whitefish	349	384	SCALES		2	PIT	965000000071786	
	2	3158	Mountain whitefish	257	216	SCALES		0	PIT	900026000053954	
	2	3159	Mountain whitefish	297	238	SCALES		0	PIT	900026000035330	
	2	3160	Mountain whitefish	309	326	SCALES		0	PIT	900026000055566	
	2	3161	Mountain whitefish	224	130	SCALES		0			
	2	3162	Mountain whitefish	324	326	SCALES	8	0	PIT	900026000055713	
	2	3163	Mountain whitefish	299	314	SCALES		0	PIT	900026000055187	
	2	3164	Mountain whitefish	294	264	SCALES		0	PIT	900026000055800	
	2	3165	Mountain whitefish	293	250	SCALES		2	PIT	965000000071682	
	2	3166	Mountain whitefish	260	180	SCALES		0	PIT	900026000065601	
	2	3167	Mountain whitefish	314	304	SCALES		2	PIT	900026000064399	
	2	3168	Mountain whitefish	275	222	SCALES		0	PIT	900026000051765	
	2	3169	Mountain whitefish	264	212	SCALES		0	PIT	900026000055259	
	2	3170	Mountain whitefish	278	212	SCALES		2	PIT	900026000064798	
	2	3171	Mountain whitefish	272	210	SCALES		0	PIT	900026000056115	
	2	3172	Mountain whitefish	272	212	SCALES		0	PIT	900026000053821	
	2	3173	Mountain whitefish	264	206	SCALES		0	PIT	900026000055899	
	2	3174	Mountain whitefish	276	232	SCALES		0	PIT	900026000052501	
	2	3175	Mountain whitefish	297	264	SCALES		2	PIT	965000000084518	
	2	3176	Mountain whitefish	298	272	SCALES		2	PIT	965000000065832	
	2	3177	Mountain whitefish	284	240	SCALES		0	PIT	900026000034935	
	2	3178	Mountain whitefish	284	264	SCALES		0	PIT	900026000056961	
	2	3179	Mountain whitefish	317	352	SCALES		0	PIT	900026000055744	
	2	3180	Mountain whitefish	237	128	SCALES		0			
	2	3181	Mountain whitefish	269	186	SCALES		0	PIT	900026000052353	
	2	3182	Mountain whitefish	262	182	SCALES		0	PIT	900026000051850	
	2	3183	Bull trout	198	72	SCALES	2	0			
	2	3184	Mountain whitefish	241	174	SCALES		0			
	2	3185	Mountain whitefish	309	278	SCALES	4	0	PIT	900026000057036	
	2	3186	Mountain whitefish	275	230	SCALES		0	PIT	900026000053182	
	2	3187	Mountain whitefish	231	140	SCALES		0			
	2	3188	Mountain whitefish	231	136	SCALES	4	0			
	2	3189	Mountain whitefish	262	212	SCALES	4	0			
	2	3190	Mountain whitefish	282	274	SCALES		0			
	2	3191	Mountain whitefish	299	262	SCALES		0			
	2	3192	Lake whitefish	362	482	SO		1			
	2	3193	Longnose sucker	438	1010			0			
	2	3194	Mountain whitefish	343	362	SCALES		0	PIT	900026000035447	
	2	3195	Mountain whitefish	291	258	SCALES		2	PIT	965000000083870	
	2	3196	Mountain whitefish	267	198	SCALES		2	PIT	965000000282131	
	2	3197	Mountain whitefish	275	220	SCALES		0	PIT	900026000148428	
	2	3198	Mountain whitefish	261	188	SCALES		0	PIT	900026000148409	
	2	3199	Mountain whitefish	295	226	SCALES		2	PIT	900026000063726	
	2	3200	Mountain whitefish	344	412	SCALES		2	PIT	965000000085159	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	2	3201	Mountain whitefish	279	218	SCALES		2	PIT	900026000061177	
	2	3202	Mountain whitefish	370	454	SCALES		2	PIT	965000000281162	
	2	3203	Mountain whitefish	292	292	SCALES		0	PIT	900026000148024	
	2	3204	Mountain whitefish	320	374	SCALES		0	PIT	900026000148151	
	2	3205	Mountain whitefish	265	198	SCALES		0	PIT	900026000148223	
	2	3206	Mountain whitefish	272	236	SCALES		0	PIT	900026000148217	
	2	3207	Mountain whitefish	240	154	SCALES		0			
	2	3208	Mountain whitefish	312	284	SCALES		0	PIT	900026000148105	
	2	3209	Mountain whitefish	267	232	SCALES		0	PIT	900026000148358	
	2	3210	Mountain whitefish	279	210	SCALES		0	PIT	900026000148107	
	2	3211	Mountain whitefish	308	280	SCALES	6	0	PIT	900026000148313	
	2	3212	Mountain whitefish	285	266	SCALES		0	PIT	900026000148702	
	2	3213	Mountain whitefish	280	242	SCALES		2	PIT	965000000093018	
	2	3214	Mountain whitefish	275	254	SCALES		0			
	2	3215	Mountain whitefish	364	544	SO		1			
	2	3216	Mountain whitefish	248	211	SO		1			
	2	3217	Longnose sucker	403	878			0			
	2	3218	Mountain whitefish	332	332	SCALES	7	0	PIT	900026000148839	
	2	3219	Mountain whitefish	357	426	SCALES		2	PIT	900026000052708	
	2	3220	Mountain whitefish	256	186	SCALES		2	PIT	900026000056526	
	2	3221	Mountain whitefish	299	250	SCALES		0	PIT	900026000148297	
	2	3222	Mountain whitefish	282	256	SCALES		2	PIT	965000000080504	
	2	3223	Mountain whitefish	269	214	SCALES		0	PIT	900026000148036	
	2	3224	Mountain whitefish	309	282	SCALES		2	PIT	900026000148105	
	2	3225	Rainbow trout	265	242	SCALES		0	PIT	900026000148323	
	2	3226	Rainbow trout	227	148	SCALES		0			
	2	3227	Mountain whitefish	297	276	SCALES		2	PIT	965000000068065	
	2	3228	Mountain whitefish	279	244	SCALES		0	PIT	900026000148709	
	2	3229	Mountain whitefish	281	238	SCALES		2	PIT	900026000052413	
	2	3230	Mountain whitefish	246	158	SCALES	3	0			
	2	3231	Mountain whitefish	278	256	SCALES		2	PIT	965000000089059	
	2	3232	Mountain whitefish	244	176	SCALES		0			
	2	3233	Mountain whitefish	220	130	SCALES		0			
	2	3234	Mountain whitefish	269	246	SCALES		0	PIT	900026000148445	
	2	3235	Mountain whitefish	247	192	SCALES		0			
	2	3236	Mountain whitefish	235	164	SCALES		0			
	2	3237	Mountain whitefish	284	274	SCALES		0	PIT	900026000148935	
	2	3238	Mountain whitefish	244	168	SCALES	2	0			
	2	3239	Rainbow trout	174	60	SCALES		0			
	2	3240	Mountain whitefish	316	294	SCALES		2	PIT	4D00034846	
	2	3241	Mountain whitefish	330	414	SCALES		0	PIT	900026000148796	
	2	3242	Mountain whitefish	295	302	SCALES		2	PIT	965000000092188	
	2	3243	Mountain whitefish	304	272	SCALES		2	PIT	900026000060396	
	2	3244	Mountain whitefish	322	244	SCALES		2	PIT	965000000007602	
	2	3245	Mountain whitefish	314	282	SCALES		0	PIT	900026000148930	
	2	3246	Mountain whitefish	303	248	SCALES		2	PIT	965000000085252	
	2	3247	Rainbow trout	180	60	SCALES		0			
	3	4535	Mountain whitefish	285	314	SCALES		0	PIT	900026000083256	
	3	4536	Mountain whitefish	286	254	SCALES		0	PIT	900026000083490	
	3	4537	Mountain whitefish	266	238	SCALES		2	PIT	900026000055576	
	3	4538	Mountain whitefish	280	274	SCALES		2	PIT	965000000281127	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
0101	3	4539	Mountain whitefish	350	410	SCALES		2	PIT	4D00041202	
0101	3	4540	Mountain whitefish	287	280	SCALES		2	PIT	900026000056847	
0101	3	4541	Mountain whitefish	252	192	SCALES	3	0	PIT	900026000148828	
0101	3	4542	Mountain whitefish	256	210	SCALES		0	PIT	900026000083386	
0101	3	4543	Mountain whitefish	239	182	SCALES		0			
0101	3	4544	Mountain whitefish	275	234	SCALES		2	PIT	965000000281087	
0101	3	4545	Mountain whitefish	236	134	SCALES		0			
0101	3	4546	Mountain whitefish	219	128	SCALES		0			
0101	3	4547	Mountain whitefish	277	264	SCALES		0	PIT	900026000084085	
0101	3	4548	Mountain whitefish	298	290	SCALES	4	0	PIT	900026000083708	
0101	3	4549	Mountain whitefish	282	244	SCALES		0	PIT	900026000083868	
0101	3	4550	Mountain whitefish	316	318	SCALES		0	PIT	900026000083437	
0101	3	4551	Mountain whitefish	258	196	SCALES		0	PIT	900026000083286	
0101	3	4552	Mountain whitefish	262	230	SCALES		0	PIT	900026000083666	
0101	3	4553	Mountain whitefish	300	278	SCALES	5	0	PIT	900026000148757	
0101	3	4554	Mountain whitefish	312	306	SCALES		2	PIT	965000000240808	
0101	3	4555	Mountain whitefish	299	302	SCALES		2	PIT	0A00711020	
0101	3	4556	Mountain whitefish	236	158	SCALES		0			
0101	3	4557	Mountain whitefish	224	136	SCALES		0			
0101	3	4558	Mountain whitefish	263	240	SCALES		2	PIT	900026000052647	
0101	3	4559	Mountain whitefish	283	266	SCALES		0	PIT	900026000083182	
0101	3	4560	Mountain whitefish	280		SCALES		0	PIT	900026000083411	
0101	3	4561	Mountain whitefish	280	220	SCALES	5	2	PIT	900026000061650	
0101	3	4562	Mountain whitefish	305	312	SCALES		2	PIT	4D00032973	
0101	3	4563	Mountain whitefish	276	244	SCALES		0	PIT	900026000083855	
0101	3	4564	Mountain whitefish	254	172	SCALES		0	PIT	900026000083874	
0101	3	4565	Mountain whitefish	328	400	SCALES		2	PIT	965000000246184	
0101	3	4566	Mountain whitefish	264	196	SCALES		0	PIT	900026000083552	
0101	3	4567	Mountain whitefish	304	314	SCALES		0	PIT	900026000084097	
0101	3	4568	Mountain whitefish	280	266	SCALES		0	PIT	900026000148903	
0101	3	4569	Mountain whitefish	294	302	SCALES		2	PIT	965000000070389	
0101	3	4570	Mountain whitefish	327	396	SCALES		2	PIT	965000000238601	
0101	3	4571	Mountain whitefish	283	226	SCALES		2	PIT	900026000052843	
0101	3	4572	Mountain whitefish	241	176	SCALES		0			
0101	3	4573	Mountain whitefish	309	288	SCALES		0	PIT	900026000083415	
0101	3	4574	Mountain whitefish	277	264	SCALES		0	PIT	900026000148320	
0101	3	4575	Mountain whitefish	252	184	SCALES		0	PIT	900026000083280	
0101	3	4576	Mountain whitefish	326	398	SCALES		0	PIT	900026000148634	
0101	3	4577	Mountain whitefish	282	230	SCALES		0	PIT	900026000083639	
0101	3	4578	Mountain whitefish	266	230	SCALES		0	PIT	900026000083676	
0101	3	4579	Mountain whitefish	276	256	SCALES		0	PIT	900026000083752	
0101	3	4580	Mountain whitefish	284	278	SCALES		2	PIT	965000000072146	
0101	3	4581	Mountain whitefish	269	268	SCALES		0	PIT	900026000083263	
0101	3	4582	Mountain whitefish	220	142	SCALES		0			
0101	3	4583	Mountain whitefish	482	1216	SCALES		2	PIT	965000000110222	
0101	3	4584	Mountain whitefish	369	512	SCALES		0	PIT	900026000083496	
0101	3	4585	Mountain whitefish	250	192	SCALES		0	PIT	900026000083778	
0101	3	4586	Mountain whitefish	279	254	SCALES		2	PIT	900026000053984	
0101	3	4587	Mountain whitefish	283	206	SCALES		0	PIT	900026000083723	
0101	3	4588	Mountain whitefish	347	422	SCALES	9	2	PIT	965000000242510	
0101	3	4589	Mountain whitefish	253	196	SCALES		0	PIT	900026000083506	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0101	3	4590	Mountain whitefish	323	318	SCALES	0	PIT	900026000148771	
	0101	3	4591	Mountain whitefish	260	174	SCALES	0	PIT	900026000083756	
	0101	3	4592	Mountain whitefish	299	294	SCALES	0	PIT	900026000148816	
	0101	3	4593	Mountain whitefish	250	200	SCALES	0	PIT	900026000084146	
	0101	3	4594	Mountain whitefish	289	278	SCALES	0	PIT	900026000083886	
	0101	3	4595	Mountain whitefish	296	304	SCALES	0	PIT	900026000083740	
	0101	3	4596	Mountain whitefish	315	308	SCALES	6	0	PIT	900026000083774
	0101	3	4597	Mountain whitefish	273	280	SCALES	0	PIT	900026000083751	
	0101	3	4598	Mountain whitefish	242	186	SCALES	0			
	0101	3	4599	Mountain whitefish	227	138	SCALES	0			
	0101	3	4600	Mountain whitefish	279	266	SCALES	0	PIT	900026000146052	
	0101	3	4601	Mountain whitefish	227	132	SCALES	3	0		
	0101	3	4602	Mountain whitefish	275	136	SCALES	0	PIT	900026000146082	
	0101	3	4603	Mountain whitefish	235	146	SCALES	0			
	0101	3	4604	Mountain whitefish	283	250	SCALES	4	0	PIT	900026000146211
	0101	3	4605	Mountain whitefish	273	226	SCALES	2	PIT	900026000055819	
	0101	3	4606	Mountain whitefish	270	206	SCALES	2	PIT	900026000052136	
	0101	3	4607	Mountain whitefish	275	240	SCALES	0	PIT	900026000146152	
	0101	3	4608	Mountain whitefish	245	178	SCALES	0			
	0101	3	4609	Mountain whitefish	263	220	SCALES	0	PIT	900026000146256	
	0101	3	4610	Mountain whitefish	249	178	SCALES	0			
	0101	3	4611	Mountain whitefish	359	504	SCALES	2	PIT	900026000061720	
	0101	3	4612	Mountain whitefish	304	332	SCALES	0	PIT	900026000146116	
	0101	3	4613	Mountain whitefish	290	274	SCALES	4	0	PIT	900026000146250
	0101	3	4614	Mountain whitefish	245	196	SCALES	0			
	0101	3	4615	Mountain whitefish	267	230	SCALES	0	PIT	900026000146167	
	0101	3	4616	Mountain whitefish	318	268	SCALES	2	PIT	965000000239896	
	0101	3	4617	Mountain whitefish	354	504	SCALES	0	PIT	900026000146038	
	0101	3	4618	Mountain whitefish	233	168	SCALES	0			
	0101	3	4619	Mountain whitefish	342	396	SCALES	0	PIT	900026000146154	
	0101	3	4620	Mountain whitefish	264	244	SCALES	0	PIT	900026000083521	
	0101	3	4621	Mountain whitefish	250	180	SCALES	0	PIT	900026000083328	
	0102	3	4622	Mountain whitefish	352	524	SCALES	0	PIT	900026000148183	
	0102	3	4623	Mountain whitefish	333	372	SCALES	2	PIT	900026000064791	
	0102	3	4624	Mountain whitefish	234	162	SCALES	0			
	0102	3	4625	Mountain whitefish	278	240	SCALES	0	PIT	900026000084031	
	0102	3	4626	Mountain whitefish	276	242	SCALES	2	PIT	900026000054227	
	0102	3	4627	Mountain whitefish	227	138	SCALES	0			
	0102	3	4628	Mountain whitefish	268	226	SCALES	4	0	PIT	900026000083528
	0102	3	4629	Mountain whitefish	276	230	SCALES	0	PIT	900026000083432	
	0102	3	4630	Mountain whitefish	258	224	SCALES	0	PIT	900026000083571	
	0102	3	4631	Mountain whitefish	234	158	SCALES	0			
	0102	3	4632	Mountain whitefish	275	216	SCALES	0	PIT	900026000083407	
	0102	3	4633	Mountain whitefish	262	216	SCALES	0	PIT	900026000083595	
	0102	3	4634	Mountain whitefish	291	274	SCALES	0	PIT	900026000083253	
	0102	3	4635	Mountain whitefish	223	146	SCALES	0			
	0102	3	4636	Mountain whitefish	222	134	SCALES	0			
	0102	3	4637	Mountain whitefish	277	244	SCALES	0	PIT	900026000083575	
	0102	3	4638	Mountain whitefish	275	236	SCALES	0	PIT	900026000083807	
	0102	3	4639	Mountain whitefish	260	216	SCALES	0	PIT	900026000083396	
	0102	3	4640	Mountain whitefish	294	318	SCALES	0	PIT	900026000083502	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
1												
	0102	3	4641	Mountain whitefish	232	160	SCALES	0				
	0102	3	4642	Mountain whitefish	257	210	SCALES	0	PIT	900026000148958		
	0102	3	4643	Mountain whitefish	260	232	SCALES	2	PIT	900026000056562		
	0102	3	4644	Mountain whitefish	292	304	SCALES	2	PIT	965000000281147		
	0102	3	4645	Mountain whitefish	283	246	SCALES	2	PIT	965000000281121		
	0102	3	4646	Mountain whitefish	234	158	SCALES	0				
	0102	3	4647	Mountain whitefish	264	226	SCALES	0	PIT	900026000083368		
	0102	3	4648	Mountain whitefish	295	308	SCALES	2	PIT	965000000084402		
	0102	3	4649	Mountain whitefish	244	212	SCALES	0				
	0102	3	4650	Mountain whitefish	284	296	SCALES	0	PIT	900026000148787		
	0102	3	4651	Mountain whitefish	300	346	SCALES	0	PIT	900026000148761		
	0102	3	4652	Mountain whitefish	292	342	SCALES	0	PIT	900026000083507		
	0102	3	4653	Mountain whitefish	256	206	SCALES	2	PIT	900026000054206		
	0102	3	4654	Mountain whitefish	270	240	SCALES	0	PIT	900026000083259		
	0102	3	4655	Mountain whitefish	267	216	SCALES	3	0	PIT	900026000083678	
	0102	3	4656	Mountain whitefish	275	230	SCALES	2	PIT	965000000070562		
	0102	3	4657	Mountain whitefish	310	294	SCALES	0	PIT	900026000148563		
	0102	3	4658	Mountain whitefish	272	216	SCALES	0	PIT	900026000083947		
	0102	3	4659	Mountain whitefish	224	156	SCALES	0				
	0102	3	4660	Mountain whitefish	231	154	SCALES	0				
	0102	3	4661	Mountain whitefish	282	296	SCALES	2	PIT	965000000088365		
	0102	3	4662	Mountain whitefish	218	132	SCALES	0				
	0102	3	4663	Mountain whitefish	262	228	SCALES	2	PIT	900026000054989		
	0102	3	4664	Mountain whitefish	286	232	SCALES	0	PIT	900026000148890		
	0102	3	4665	Mountain whitefish	338	416	SCALES	0	PIT	900026000083287		
	0102	3	4666	Mountain whitefish	292	294	SCALES	2	PIT	900026000063513		
	0102	3	4667	Mountain whitefish	295	338	SCALES	0	PIT	900026000148862		
	0102	3	4668	Mountain whitefish	232	166	SCALES	0				
	0102	3	4669	Mountain whitefish	244	192	SCALES	0				
	0102	3	4670	Mountain whitefish	269	288	SCALES	0	PIT	900026000083747		
	0102	3	4671	Mountain whitefish	330	406	SCALES	2	PIT	0A00724815		
	0102	3	4672	Mountain whitefish	289	264	SCALES	0	PIT	900026000146084		
	0102	3	4673	Mountain whitefish	286	234	SCALES	0	PIT	900026000146035		
	0102	3	4674	Mountain whitefish	300	310	SCALES	2	PIT	965000000090112		
	0102	3	4675	Mountain whitefish	281	236	SCALES	0				
	0102	3	4676	Mountain whitefish	280	266	SCALES	5	PIT	900026000146203		
	0102	3	4677	Mountain whitefish	232	150	SCALES	0				
	0102	3	4678	Mountain whitefish	308	318	SCALES	0	PIT	900026000146048		
	0102	3	4679	Mountain whitefish	250	192	SCALES	0	PIT	900026000146112		
	0102	3	4680	Mountain whitefish	218	124	SCALES	0				
	0102	3	4681	Mountain whitefish	298	244	SCALES	0	PIT	900026000146105		
	0102	3	4682	Mountain whitefish	247	196	SCALES	0				
	0102	3	4683	Mountain whitefish	295	270	SCALES	0	PIT	900026000146201		
	0102	3	4684	Mountain whitefish	333	386	SCALES	2	PIT	965000000280919		
	0102	3	4685	Mountain whitefish	329	360	SCALES	2	PIT	965000000092111		
	0102	3	4686	Mountain whitefish	293	308	SCALES	0	PIT	900026000146027		
	0102	3	4687	Mountain whitefish	262	210	SCALES	0	PIT	900026000148355		
	0102	3	4688	Mountain whitefish	262	210	SCALES	0	PIT	900026000146089		
	0102	3	4689	Mountain whitefish	287	278	SCALES	0	PIT	900026000146170		
	0102	3	4690	Mountain whitefish	305	308	SCALES	0	PIT	900026000146051		
	0102	3	4691	Mountain whitefish	239	180	SCALES	0				

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0102	3	4692	Mountain whitefish	304	326	SCALES	0	PIT	900026000146133	
	0102	3	4693	Mountain whitefish	274	240	SCALES	0	PIT	900026000146150	
	0102	3	4694	Mountain whitefish	290	284	SCALES	0	PIT	900026000146049	
	0102	3	4695	Mountain whitefish	343	424	SCALES	0	PIT	900026000146117	
	0102	3	4696	Mountain whitefish	292	288	SCALES	0	PIT	900026000146012	
	0102	3	4697	Mountain whitefish	259	236	SCALES	0	PIT	900026000146164	
	0102	3	4698	Mountain whitefish	228	166	SCALES	0			
	0102	3	4699	Mountain whitefish	285	288	SCALES	0	PIT	900026000148595	
	0102	3	4700	Mountain whitefish	225	130	SCALES	0			
	0102	3	4701	Mountain whitefish	252	180	SCALES	0	PIT	900026000146188	
	0102	3	4702	Mountain whitefish	300	310	SCALES	2	PIT	0A00726534	
	0102	3	4703	Mountain whitefish	323	308	SCALES	0	PIT	900026000146091	
	0102	3	4704	Mountain whitefish	226	156	SCALES	0			
	0102	3	4705	Mountain whitefish	253	204	SCALES	4	0	PIT	900026000146073
	0102	3	4706	Mountain whitefish	295	270	SCALES	2	PIT	965000000088394	
	0102	3	4707	Mountain whitefish	284	244	SCALES	0	PIT	900026000146054	
	0102	3	4708	Mountain whitefish	310	384	SCALES	0	PIT	900026000146271	
	0102	3	4709	Mountain whitefish	304	342	SCALES	5	2	PIT	965000000242377
	0102	3	4710	Mountain whitefish	263	240	SCALES	0	PIT	900026000148978	
	0102	3	4711	Mountain whitefish	268	246	SCALES	0	PIT	900026000148885	
	0102	3	4712	Mountain whitefish	300	296	SCALES	0	PIT	900026000148356	
	0102	3	4713	Mountain whitefish	246	200	SCALES	0			
	0102	3	4714	Mountain whitefish	253	196	SCALES	0	PIT	900026000148433	
	0102	3	4715	Mountain whitefish	255	214	SCALES	0	PIT	900026000148417	
	0102	3	4716	Mountain whitefish	287	280	SCALES	5	0	PIT	900026000146277
	0102	3	4717	Mountain whitefish	235	162	SCALES	0			
	0102	3	4718	Mountain whitefish	308	326	SCALES	0	PIT	900026000148872	
	0102	3	4719	Mountain whitefish	288	250	SCALES	0	PIT	900026000145996	
	0102	3	4720	Mountain whitefish	265	216	SCALES	0	PIT	900026000148312	
	0103	3	4721	Mountain whitefish	235	158	SCALES	0			
	0103	3	4722	Mountain whitefish	246	162	SCALES	0			
	0103	3	4723	Mountain whitefish	262	202	SCALES	2	PIT	900026000055889	
	0103	3	4724	Mountain whitefish	387	502	SCALES	0	PIT	900026000146219	
	0103	3	4725	Mountain whitefish	343	364	SCALES	10	0	PIT	900026000146206
	0103	3	4726	Mountain whitefish	265	216	SCALES	0	PIT	900026000148371	
	0103	3	4727	Mountain whitefish	293	236	SCALES	0	PIT	900026000148373	
	0103	3	4728	Mountain whitefish	288	274	SCALES	0	PIT	900026000146139	
	0103	3	4729	Mountain whitefish	257	196	SCALES	0	PIT	900026000146193	
	0103	3	4730	Mountain whitefish	227	140	SCALES	0			
	0103	3	4731	Mountain whitefish	218	124	SCALES	0			
	0103	3	4732	Mountain whitefish	257	224	SCALES	0	PIT	900026000146124	
	0103	3	4733	Mountain whitefish	230	136	SCALES	0			
	0103	3	4734	Mountain whitefish	265	220	SCALES	0	PIT	900026000146284	
	0103	3	4735	Mountain whitefish	227	150	SCALES	0			
	0103	3	4736	Mountain whitefish	304	312	SCALES	2	PIT	4D00033712	
	0103	3	4737	Mountain whitefish	334	352	SCALES	0	PIT	900026000148485	
	0103	3	4738	Mountain whitefish	329	356	SCALES	2	PIT	965000000083881	
	0103	3	4739	Mountain whitefish	347	410	SCALES	0	PIT	900026000148684	
	0103	3	4740	Mountain whitefish	285	234	SCALES	2	PIT	900026000053971	
	0103	3	4741	Mountain whitefish	232	142	SCALES	0			
	0103	3	4742	Mountain whitefish	225	130	SCALES	0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0103	3	4743	Mountain whitefish	307	326	SCALES	0	PIT	900026000148589	
	0103	3	4744	Mountain whitefish	270	226	SCALES	0	PIT	900026000146058	
	0103	3	4745	Mountain whitefish	302	250	SCALES	0	PIT	900026000146138	
	0103	3	4746	Mountain whitefish	266	192	SCALES	0	PIT	900026000146220	
	0103	3	4747	Mountain whitefish	240	154	SCALES	0			
	0103	3	4748	Bull trout	262	216	FS	4	0	PIT	900026000146141
	0103	3	4749	Mountain whitefish	343	424	SCALES	2	2	PIT	900026000055305
	0103	3	4750	Mountain whitefish	338	426	SCALES	0	0	PIT	900026000146021
	0103	3	4751	Mountain whitefish	272	230	SCALES	2	2	PIT	965000000076957
	0103	3	4752	Mountain whitefish	308	320	SCALES	2	2	PIT	965000000078895
	0103	3	4753	Mountain whitefish	260	190	SCALES	2	2	PIT	900026000061121
	0103	3	4754	Mountain whitefish	235	138	SCALES	3	0		
	0103	3	4755	Mountain whitefish	215	114	SCALES	0	0		
	0103	3	4756	Mountain whitefish	264	198	SCALES	0	0	PIT	900026000148289
	0103	3	4757	Mountain whitefish	334	338	SCALES	6	2	PIT	965000000247103
	0103	3	4758	Mountain whitefish	326	318	SCALES	2	2	PIT	965000000241570
	0103	3	4759	Mountain whitefish	279	232	SCALES	2	2	PIT	900026000054279
	0103	3	4760	Mountain whitefish	230	142	SCALES	0	0		
	0103	3	4761	Mountain whitefish	296	298	SCALES	2	2	PIT	965000000002143
	0103	3	4762	Mountain whitefish	310	258	SCALES	0	0	PIT	900026000146104
	0103	3	4763	Mountain whitefish	230	142	SCALES	0	0		
	0103	3	4764	Mountain whitefish	351	382	SCALES	2	2	PIT	965000000070857
	0103	3	4765	Mountain whitefish	277	196	SCALES	0	0	PIT	900026000148474
	0103	3	4766	Mountain whitefish	225	132	SCALES	0	0		
	0103	3	4767	Mountain whitefish	241	160	SCALES	0	0		
	0103	3	4768	Mountain whitefish	237	162	SCALES	0	0		
	0103	3	4769	Mountain whitefish	303	316	SCALES	0	0	PIT	900026000146229
	0103	3	4770	Mountain whitefish	312	300	SCALES	0	0	PIT	900026000148389
	0103	3	4771	Mountain whitefish	239	146	SCALES	0	0		
	0103	3	4772	Mountain whitefish	257	194	SCALES	0	0	PIT	900026000148573
	0103	3	4773	Mountain whitefish	216	118	SCALES	0	0		
	0103	3	4774	Mountain whitefish	358	560	SCALES	0	0	PIT	900026000148448
	0103	3	4775	Mountain whitefish	244	156	SCALES	0	0		
	0104	3	4776	Mountain whitefish	297	296	SCALES	0	0	PIT	900026000146119
	0104	3	4777	Mountain whitefish	283	240	SCALES	4	0	PIT	900026000146056
	0104	3	4778	Mountain whitefish	277	224	SCALES	0	0	PIT	900026000146149
	0104	3	4779	Mountain whitefish	288	324	SCALES	0	0	PIT	900026000146001
	0104	3	4780	Mountain whitefish	294	264	SCALES	0	0	PIT	900026000146247
	0104	3	4781	Mountain whitefish	300	278	SCALES	0	0	PIT	900026000146160
	0104	3	4782	Mountain whitefish	275	226	SCALES	0	0	PIT	900026000146007
	0104	3	4783	Mountain whitefish	294	240	SCALES	2	2	PIT	965000000243517
	0104	3	4784	Mountain whitefish	321	352	SCALES	0	0	PIT	900026000146042
	0104	3	4785	Mountain whitefish	289	278	SCALES	2	2	PIT	965000000091256
	0104	3	4786	Mountain whitefish	308	272	SCALES	0	0	PIT	900026000146233
	0104	3	4787	Mountain whitefish	268	202	SCALES	2	2	PIT	900026000061077
	0104	3	4788	Mountain whitefish	275	204	SCALES	2	2	PIT	900026000057057
	0104	3	4789	Mountain whitefish	324	338	SCALES	0	0	PIT	900026000146125
	0104	3	4790	Mountain whitefish	206	106	SCALES	0	0		
	0104	3	4791	Mountain whitefish	298	282	SCALES	2	2	PIT	965000000243171
	0104	3	4792	Mountain whitefish	228	126	SCALES	0	0		
	0104	3	4793	Mountain whitefish	237	152	SCALES	0	0		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0104	3	4794	Mountain whitefish	200	94	SCALES	0			
	0104	3	4795	Mountain whitefish	292	254	SCALES	2	PIT	96500000069084	
	0104	3	4796	Mountain whitefish	268	216	SCALES	2	PIT	900026000060479	
	0104	3	4797	Mountain whitefish	310	314	SCALES	2	PIT	900026000052421	
	0104	3	4798	Mountain whitefish	287	234	SCALES	0	PIT	900026000146097	
	0104	3	4799	Mountain whitefish	240	158	SCALES	0			
	0104	3	4800	Mountain whitefish	287	226	SCALES	0	PIT	900026000146143	
	0104	3	4801	Mountain whitefish	290	340	SCALES	2	PIT	900026000035296	
	0104	3	4802	Mountain whitefish	292	278	SCALES	0	PIT	900026000148469	
	0104	3	4803	Mountain whitefish	228	158	SCALES	0			
	0104	3	4804	Mountain whitefish	277	214	SCALES	0	PIT	900026000146153	
	0104	3	4805	Mountain whitefish	287	228	SCALES	0	PIT	900026000146190	
	0104	3	4806	Mountain whitefish	274	226	SCALES	0	PIT	900026000148272	
	0104	3	4807	Mountain whitefish	317	332	SCALES	0	PIT	900026000148566	
	0104	3	4808	Mountain whitefish	250	174	SCALES	2	PIT	900026000057154	
	0104	3	4809	Mountain whitefish	284	242	SCALES	0	PIT	900026000146237	
	0104	3	4810	Mountain whitefish	270	230	SCALES	0	PIT	900026000148212	
	0104	3	4811	Mountain whitefish	278	274	SCALES	0	PIT	900026000146288	
	0104	3	4812	Mountain whitefish	259	204	SCALES	0	PIT	900026000146086	
	0104	3	4813	Mountain whitefish	297	250	SCALES	2	PIT	965000000244386	
	0104	3	4814	Mountain whitefish	309	298	SCALES	0	PIT	900026000148676	
	0104	3	4815	Mountain whitefish	330	326	SCALES	0	PIT	900026000146064	
	0104	3	4816	Mountain whitefish	220	138	SCALES	0			
	0104	3	4817	Mountain whitefish	253	202	SCALES	4	0	PIT	900026000146140
	0104	3	4818	Mountain whitefish	363	480	SCALES	2	PIT	965000000072372	
	0104	3	4819	Mountain whitefish	308	276	SCALES	0	PIT	900026000148455	
	0104	3	4820	Mountain whitefish	263	226	SCALES	0	PIT	900026000146240	
	0104	3	4821	Mountain whitefish	337	348	SCALES	2	PIT	900026000053920	
	0104	3	4822	Mountain whitefish	335	338	SCALES	0	PIT	900026000148873	
	0104	3	4823	Mountain whitefish	284	284	SCALES	2	PIT	900026000065121	
	0104	3	4824	Mountain whitefish	239	176	SCALES	0			
	0104	3	4825	Kokanee	212	92	SCALES	0			
	0105	3	4826	Mountain whitefish	228	134	SCALES	0			
	0105	3	4827	Mountain whitefish	260	216	SCALES	0	PIT	900026000148582	
	0105	3	4828	Mountain whitefish	241	150	SCALES	0			
	0105	3	4829	Mountain whitefish	262	226	SCALES	0	PIT	900026000148466	
	0105	3	4830	Mountain whitefish	343	406	SCALES	2	PIT	900026000051153	
	0105	3	4831	Mountain whitefish	202	106	SCALES	0			
	0105	3	4832	Mountain whitefish	253	192	SCALES	0	PIT	900026000146198	
	0105	3	4833	Mountain whitefish	215		SCALES	0			
	0105	3	4834	Mountain whitefish	260	192	SCALES	3	0	PIT	900026000148583
	0105	3	4835	Mountain whitefish	272	216	SCALES	2	PIT	900026000054010	
	0105	3	4836	Mountain whitefish	298	278	SCALES	2	PIT	965000000009029	
	0105	3	4837	Mountain whitefish	288	278	SCALES	0			
	0105	3	4838	Mountain whitefish	265	216	SCALES	0	PIT	900026000146122	
	0105	3	4839	Mountain whitefish	284	230	SCALES	0	PIT	900026000146036	
	0105	3	4840	Mountain whitefish	222	142	SCALES	0			
	0105	3	4841	Mountain whitefish	260	180	SCALES	2	PIT	900026000063416	
	0105	3	4842	Mountain whitefish	275	188	SCALES	0	PIT	900026000148483	
	0105	3	4843	Mountain whitefish	312	340	SCALES	2	PIT	965000000238690	
	0105	3	4844	Mountain whitefish	257	178	SCALES	2	PIT	900026000052054	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0105	3	4845	Mountain whitefish	272	238	SCALES	0	PIT	900026000146025	
	0105	3	4846	Mountain whitefish	270	200	SCALES	0	PIT	900026000146251	
	0105	3	4847	Mountain whitefish	296	270	SCALES	2	PIT	900026000064171	
	0105	3	4848	Mountain whitefish	294	270	SCALES	0	PIT	900026000146268	
	0105	3	4849	Mountain whitefish	214	116	SCALES	0			
	0105	3	4850	Mountain whitefish	262	218	SCALES	0	PIT	900026000146228	
	0105	3	4851	Mountain whitefish	235	150	SCALES	0			
	0105	3	4852	Mountain whitefish	224	146	SCALES	0			
	0105	3	4853	Mountain whitefish	377	468	SCALES	2	FLOY		5049YELLOW
	0105	3	4854	Mountain whitefish	300	282	SCALES	2	PIT	965000000245301	
	0105	3	4855	Mountain whitefish	328	304	SCALES	0	PIT	900026000145998	
	0105	3	4856	Mountain whitefish	287	236	SCALES	0	PIT	900026000148106	
	0105	3	4857	Mountain whitefish	307	336	SCALES	5	PIT	900026000148418	
	0105	3	4858	Mountain whitefish	224	150	SCALES	0			
	0105	3	4859	Mountain whitefish	233	152	SCALES	0			
	0105	3	4860	Mountain whitefish	237	154	SCALES	0			
	0105	3	4861	Mountain whitefish	273	244	SCALES	3	0	PIT	900026000146287
	0105	3	4862	Mountain whitefish	277	244	SCALES	2	PIT	900026000054627	
	0105	3	4863	Mountain whitefish	290	270	SCALES	0	PIT	900026000148452	
	0105	3	4864	Mountain whitefish	272	210	SCALES	0	PIT	900026000146261	
	0105	3	4865	Mountain whitefish	237	152	SCALES	0			
	0105	3	4866	Mountain whitefish	232	144	SCALES	0			
	0105	3	4867	Mountain whitefish	301	338	SCALES	0	PIT	900026000146004	
	0109	3	4868	Mountain whitefish	458	1184	SCALES	0	PIT	900026000146199	
	0109	3	4869	Rainbow trout	270	248	SCALES	0	PIT	900026000146227	
	0109	3	4870	Mountain whitefish	368	416	SCALES	0	PIT	900026000146269	
	0109	3	4871	Mountain whitefish	305	304	SCALES	0	PIT	900026000146126	
	0109	3	4872	Mountain whitefish	298	318	SCALES	0	PIT	900026000148919	
	0109	3	4873	Mountain whitefish	324	318	SCALES	0	PIT	900026000146123	
	0109	3	4874	Mountain whitefish	310	294	SCALES	0	PIT	900026000146165	
	0109	3	4875	Mountain whitefish	289	264	SCALES	0	PIT	900026000148363	
	0109	3	4876	Mountain whitefish	280	240	SCALES	0	PIT	900026000146248	
	0109	3	4877	Mountain whitefish	280	240	SCALES	0	PIT	900026000146272	
	0109	3	4878	Mountain whitefish	284	262	SCALES	0	PIT	900026000148372	
	0109	3	4879	Kokanee	185	80	SCALES	0			
	0109	3	4880	Rainbow trout	377	658	SCALES	0	PIT	900026000146235	
	0109	3	4881	Mountain whitefish	270	256	SCALES	0	PIT	900026000146224	
	0109	3	4882	Mountain whitefish	307	304	SCALES	6	0	PIT	900026000148263
	0109	3	4883	Mountain whitefish	296	352	SCALES	2	PIT	965000000067511	
	0109	3	4884	Mountain whitefish	264	218	SCALES	2	PIT	900026000083396	
	0109	3	4885	Mountain whitefish	328	310	SCALES	6	0	PIT	900026000146079
	0109	3	4886	Mountain whitefish	299	262	SCALES	0	PIT	900026000146081	
	0109	3	4887	Mountain whitefish	359	484	SCALES	0	PIT	900026000146155	
	0109	3	4888	Mountain whitefish	308	327	SCALES	0	PIT	900026000146275	
	0109	3	4889	Longnose sucker	424	1034		0			
	0109	3	4890	Mountain whitefish	261	212	SCALES	0	PIT	900026000146292	
	0109	3	4891	Mountain whitefish	317	382	SCALES	0	PIT	900026000146118	
	0109	3	4892	Mountain whitefish	281	226	SCALES	0	PIT	900026000146225	
	0109	3	4893	Mountain whitefish	260	204	SCALES	0	PIT	900026000146017	
	0109	3	4894	Mountain whitefish	228	130	SCALES	0			
	0109	3	4895	Rainbow trout	245	186	SCALES	0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
1												
	0109	3	4896	Mountain whitefish	303	312	SCALES	0	PIT	900026000146075		
	0109	3	4897	Mountain whitefish	328	342	SCALES	0	PIT	900026000148739		
	0109	3	4898	Mountain whitefish	317	410	SCALES	0	PIT	900026000148360		
	0109	3	4899	Mountain whitefish	289	298	SCALES	0	PIT	900026000148624		
	0109	3	4900	Mountain whitefish	330	374	SCALES	0	PIT	900026000148143		
	0109	3	4901	Mountain whitefish	396	612	SCALES	0	PIT	900026000148976		
	0109	3	4902	Mountain whitefish	255	198	SCALES	0	PIT	900026000148198		
	0109	3	4903	Mountain whitefish	299	288	SCALES	0	PIT	900026000083417		
	0109	3	4904	Mountain whitefish	319	324	SCALES	0	PIT	900026000148955		
	0109	3	4905	Mountain whitefish	311	288	SCALES	2	PIT	965000000246486		
	0109	3	4906	Mountain whitefish	313	284	SCALES	0	PIT	900026000148700		
	0109	3	4907	Mountain whitefish	317	294	SCALES	0	PIT	900026000148304		
	0109	3	4908	Mountain whitefish	318	286	SCALES	0	PIT	900026000083847		
	0109	3	4909	Mountain whitefish	304	288	SCALES	0	PIT	900026000083591		
	0109	3	4910	Mountain whitefish	293	266	SCALES	2	PIT	900026000035192		
	0109	3	4911	Mountain whitefish	251	186	SCALES	0	PIT	900026000148379		
	0109	3	4912	Mountain whitefish	289	262	SCALES	0	PIT	900026000083741		
	0109	3	4913	Mountain whitefish	260	210	SCALES	0	PIT	900026000148664		
	0109	3	4914	Mountain whitefish	313	330	SCALES	0	PIT	900026000148660		
	0109	3	4915	Mountain whitefish	347	366	SCALES	0	PIT	900026000148933		
	0109	3	4916	Mountain whitefish	320	304	SCALES	0	PIT	900026000148557		
	0109	3	4917	Mountain whitefish	293	292	SCALES	2	PIT	900026000063513		
	0109	3	4918	Mountain whitefish	239	170	SCALES	0				
	0109	3	4919	Mountain whitefish	300	282	SCALES	0	PIT	900026000148686		
	0109	3	4920	Kokanee	185	74	SCALES	0				
	0109	3	4921	Mountain whitefish	272	246	SCALES	2	PIT	900026000146150		
	0109	3	4922	Mountain whitefish	258	220	SCALES	0	PIT	900026000148458		
	0109	3	4923	Mountain whitefish	229	142	SCALES	0				
	0109	3	4924	Mountain whitefish	353	454	SCALES	0	PIT	900026000083711		
	0109	3	4925	Mountain whitefish	305	344	SCALES	2	PIT	965000000242377		
	0109	3	4926	Mountain whitefish	236	174	SCALES	0				
	0109	3	4927	Mountain whitefish	304	322	SCALES	0				
	0109	3	4928	Mountain whitefish	315	366	SCALES	0				
	0107	3	4929	Mountain whitefish	342	400	SCALES	5	PIT	900026000148550		
	0107	3	4930	Mountain whitefish	300	254	SCALES	2	PIT	965000000087186		
	0107	3	4931	Mountain whitefish	302	283	SCALES	2	PIT	900026000054537		
	0107	3	4932	Mountain whitefish	347	442	SCALES	0	PIT	900026000052396		
	0107	3	4933	Mountain whitefish	293	250	SCALES	3	0	PIT	900026000148327	
	0107	3	4934	Mountain whitefish	285	232	SCALES	0	PIT	900026000148741		
	0107	3	4935	Mountain whitefish	245	142	SCALES	0				
	0107	3	4936	Mountain whitefish	316	284	SCALES	0	PIT	900026000148181		
	0107	3	4937	Mountain whitefish	290	264	SCALES	0	PIT	900026000148534		
	0107	3	4938	Mountain whitefish	337	368	SCALES	0	PIT	900026000148467		
	0107	3	4939	Mountain whitefish	272	210	SCALES	0	PIT	900026000148261		
	0107	3	4940	Mountain whitefish	294	230	SCALES	0	PIT	900026000148663		
	0107	3	4941	Mountain whitefish	273	230	SCALES	0	PIT	900026000148640		
	0107	3	4942	Rainbow trout	232	174	SCALES	0				
	0107	3	4943	Mountain whitefish	289	270	SCALES	0	PIT	900026000148965		
	0107	3	4944	Mountain whitefish	369	504	SCALES	0	PIT	900026000148642		
	0107	3	4945	Mountain whitefish	273	242	SCALES	0				
	0107	3	4946	Mountain whitefish	297	296	SCALES	0	PIT	900026000148009		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0107	3	4947	Mountain whitefish	255	208	SCALES	0	PIT	900026000148756	
	0107	3	4948	Mountain whitefish	292	304	SCALES	0	PIT	900026000148276	
	0107	3	4949	Mountain whitefish	275	220	SCALES	0	PIT	900026000148710	
	0108	3	4950	Mountain whitefish	335	364	SCALES	0	PIT	900026000148949	
	0108	3	4951	Mountain whitefish	245	176	SCALES	0			
	0108	3	4952	Mountain whitefish	300	274	SCALES	0	PIT	900026000148701	
	0108	3	4953	Mountain whitefish	273	236	SCALES	0	PIT	900026000148546	
	0108	3	4954	Mountain whitefish	236	152	SCALES	0			
	0108	3	4955	Mountain whitefish	388	596	SCALES	0	PIT	900026000148031	
	0108	3	4956	Mountain whitefish	325	278	SCALES	6	0	PIT	900026000148168
	0108	3	4957	Mountain whitefish	331	390	SCALES	0	PIT	900026000148020	
	0108	3	4958	Mountain whitefish	323	356	SCALES	0	PIT	900026000148423	
	0108	3	4959	Mountain whitefish	231	160	SCALES	0			
	0108	3	4960	Mountain whitefish	273	220	SCALES	0	PIT	900026000083960	
	0108	3	4961	Mountain whitefish	347	432	SCALES	0	PIT	900026000148572	
	0108	3	4962	Mountain whitefish	343	344	SCALES	0	PIT	900026000148605	
	0108	3	4963	Mountain whitefish	257	212	SCALES	0	PIT	900026000148050	
	0108	3	4964	Mountain whitefish	234	160	SCALES	0			
	0108	3	4965	Mountain whitefish	229	168	SCALES	0			
	0108	3	4966	Mountain whitefish	265	236	SCALES	0	PIT	900026000148829	
	0108	3	4967	Mountain whitefish	301	306	SCALES	0	PIT	900026000148115	
	0108	3	4968	Kokanee	205	102	SCALES	0			
	0108	3	4969	Mountain whitefish	335	432	SCALES	0	PIT	900026000148027	
	0108	3	4970	Mountain whitefish	289	288	SCALES	2	PIT	965000000281588	
	0108	3	4971	Mountain whitefish	221	134	SCALES	0			
	0108	3	4972	Kokanee	193	90	SCALES	0			
	0112	3	4973	White sucker	380	710		0			
	0112	3	4974	Mountain whitefish	297	240	SCALES	0	PIT	900026000148127	
	0112	3	4975	Mountain whitefish	269	222	SCALES	2	PIT	900026000035469	
	0112	3	4976	Kokanee	176	62	SCALES	0			
	0112	3	4977	Mountain whitefish	267	216	SCALES	0	PIT	900026000148121	
	0112	3	4978	Mountain whitefish	288	260	SCALES	0	PIT	900026000148505	
	0112	3	4979	Mountain whitefish	247	178	SCALES	0			
	0112	3	4980	Mountain whitefish	260	186	SCALES	0	PIT	900026000148393	
	0112	3	4981	Mountain whitefish	238	158	SCALES	0			
	0112	3	4982	Mountain whitefish	250	168	SCALES	0	PIT	900026000148315	
	0112	3	4983	Mountain whitefish	272	218	SCALES	0	PIT	900026000148442	
	0112	3	4984	Mountain whitefish	282	256	SCALES	0	PIT	900026000148699	
	0112	3	4985	Mountain whitefish	290	260	SCALES	5	0	PIT	900026000148524
	0112	3	4986	Mountain whitefish	283	252	SCALES	0	PIT	900026000148593	
	0112	3	4987	Mountain whitefish	292	264	SCALES	2	PIT	900026000053573	
	0112	3	4988	Mountain whitefish	248	160	SCALES	0			
	0112	3	4989	Mountain whitefish	263	196	SCALES	0	PIT	900026000148898	
	0112	3	4990	Mountain whitefish	228	142	SCALES	0			
	0112	3	4991	Mountain whitefish	245	162	SCALES	0			
	0112	3	4992	Mountain whitefish	241	188	SCALES	0			
	0112	3	4993	Mountain whitefish	247	188	SCALES	0			
	0112	3	4994	Mountain whitefish	278	236	SCALES	0	PIT	900026000148750	
	0112	3	4995	Mountain whitefish	283	206	SCALES	0	PIT	900026000148643	
	0112	3	4996	Mountain whitefish	266	202	SCALES	0	PIT	900026000148781	
	0112	3	4997	Mountain whitefish	246	180	SCALES	3	0		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0112	3	4998	Mountain whitefish	338	310	SCALES	0	PIT	900026000148410	
	0112	3	4999	Mountain whitefish	272	206	SCALES	0	PIT	900026000148117	
	0112	3	5000	Mountain whitefish	321	300	SCALES	0	PIT	900026000148072	
	0112	3	5001	Mountain whitefish	279	238	SCALES	0	PIT	900026000148602	
	0112	3	5002	Mountain whitefish	260	226	SCALES	4	0	PIT	900026000148195
	0112	3	5003	Mountain whitefish	288	234	SCALES	0	PIT	900026000148719	
	0110	3	5004	Largescale sucker	540	1998		0			
	0110	3	5005	Longnose sucker	459	1336		0			
	0110	3	5006	Longnose sucker	398	1020		0			
	0110	3	5007	Largescale sucker	506	1636		0			
	0110	3	5008	Northern pikeminnow	412	858		0			
	0110	3	5009	Longnose sucker	377	770		0			
	0110	3	5010	Longnose sucker	415	984		0			
	0110	3	5011	Longnose sucker	431	1006		0			
	0110	3	5012	Longnose sucker	425	1160		0			
	0110	3	5013	Longnose sucker	434	1086		0			
	0110	3	5014	Longnose sucker	412	956		0			
	0110	3	5015	Northern pikeminnow	389	728		0			
	0110	3	5016	Mountain whitefish	326	310	SCALES	2	PIT	96500000083620	
	0110	3	5017	Mountain whitefish	232	142	SCALES	0			
	0110	3	5018	Mountain whitefish	288	240	SCALES	0	PIT	900026000148013	
	0110	3	5019	Mountain whitefish	242	178	SCALES	0			
	0110	3	5020	Mountain whitefish	281	250	SCALES	2	PIT	96500000079217	
	0110	3	5021	Mountain whitefish	255	230	SCALES	2	PIT	900026000063339	
	0110	3	5022	Kokanee	204	90	SCALES	0			
	0110	3	5023	Mountain whitefish	329	312	SCALES	0	PIT	900026000148972	
	0110	3	5024	Mountain whitefish	309	288	SCALES	0	PIT	900026000148250	
	0110	3	5025	Mountain whitefish	325	270	SCALES	2	PIT	96500000088324	
	0110	3	5026	Mountain whitefish	283	216	SCALES	0	PIT	900026000148101	
	0110	3	5027	Mountain whitefish	338	390	SCALES	0	PIT	900026000148429	
	0110	3	5028	Mountain whitefish	333	338	SCALES	2	PIT	900026000061604	
	0110	3	5029	Mountain whitefish	315	274	SCALES	0	PIT	900026000148735	
	0110	3	5030	Mountain whitefish	287	234	SCALES	0	PIT	900026000148038	
	0110	3	5031	Mountain whitefish	295	306	SCALES	2	PIT	900026000055360	
	0110	3	5032	Mountain whitefish	289	264	SCALES	2	PIT	900026000148524	
	0110	3	5033	Mountain whitefish	279	212	SCALES	2	PIT	900026000055147	
	0110	3	5034	Mountain whitefish	279	214	SCALES	4	0	PIT	900026000148044
	0110	3	5035	Mountain whitefish	314	318	SCALES	0			
	0110	3	5036	Mountain whitefish	307	252	SCALES	0	PIT	900026000148925	
	0110	3	5037	Mountain whitefish	271	248	SCALES	0	PIT	900026000148904	
	0110	3	5038	Mountain whitefish	286	266	SCALES	5	0	PIT	900026000148017
	0110	3	5039	Mountain whitefish	308	288	SCALES	0	PIT	900026000148089	
	0110	3	5040	Mountain whitefish	281	230	SCALES	4	0	PIT	900026000148559
	0110	3	5041	Mountain whitefish	279	248	SCALES	0	PIT	900026000148730	
	0110	3	5042	Mountain whitefish	255	196	SCALES	4	0	PIT	900026000148940
	0110	3	5043	Mountain whitefish	302	290	SCALES	0	PIT	900026000148325	
	0110	3	5044	Mountain whitefish	322	362	SCALES	0	PIT	900026000148010	
	0110	3	5045	Rainbow trout	425	842	SCALES	0			
	0110	3	5046	Mountain whitefish	201	98	SCALES	2	0		
	0110	3	5047	Mountain whitefish	343	372	SCALES	0	PIT	900026000148016	
	0110	3	5048	Mountain whitefish	286	258	SCALES	0	PIT	900026000148230	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0110	3	5049	Mountain whitefish	342	370	SCALES	0	PIT	900026000147997	
	0110	3	5050	Mountain whitefish	296	284	SCALES	0			
	0110	3	5051	Longnose sucker	398	902		0			
	0110	3	5052	Mountain whitefish	312	384	SCALES	0	PIT	900026000148674	
	0110	3	5053	Mountain whitefish	295	252	SCALES	0	PIT	900026000148956	
	0110	3	5054	Mountain whitefish	334	342	SCALES	0	PIT	900026000148047	
	0110	3	5055	Mountain whitefish	296	254	SCALES	0	PIT	900026000148900	
	0110	3	5056	Mountain whitefish	300	278	SCALES	0	PIT	900026000148243	
	0110	3	5057	Mountain whitefish	268	204	SCALES	0	PIT	900026000148147	
	0110	3	5058	Mountain whitefish	292	264	SCALES	0	PIT	900026000148004	
	0110	3	5059	Mountain whitefish	330	340	SCALES	0	PIT	900026000148260	
	0110	3	5060	Mountain whitefish	315	290	SCALES	0	PIT	900026000148625	
	0110	3	5061	Mountain whitefish	237	142	SCALES	0			
	0110	3	5062	Mountain whitefish	266	210	SCALES	2	PIT	900026000052137	
	0110	3	5063	Mountain whitefish	290	232	SCALES	0	PIT	900026000148696	
	0110	3	5064	Mountain whitefish	325	324	SCALES	2	FLOY		5927YELLOW
	0110	3	5065	Mountain whitefish	335	370	SCALES	0	PIT	900026000148645	
	0111	3	5066	Longnose sucker	427	1076		0			
	0111	3	5067	Longnose sucker	423	1072		0			
	0111	3	5068	Longnose sucker	498	844		0			
	0111	3	5069	Longnose sucker	393	840		0			
	0111	3	5070	Longnose sucker	374	674		0			
	0111	3	5071	Mountain whitefish	421	714	SCALES	0	PIT	900026000148776	
	0111	3	5072	Mountain whitefish	392	550	SCALES	2	PIT	965000000110883	
	0111	3	5073	Mountain whitefish	292	298	SCALES	0	PIT	900026000148138	
	0111	3	5074	Mountain whitefish	305	272	SCALES	0	PIT	900026000148120	
	0111	3	5075	Mountain whitefish	298	320	SCALES	0	PIT	900026000148905	
	0111	3	5076	Mountain whitefish	270	260	SCALES	0	PIT	900026000148213	
	0111	3	5077	Mountain whitefish	355	370	SCALES	2	PIT	965000000087672	
	0111	3	5078	Mountain whitefish	265	184	SCALES	0	PIT	900026000148522	
	0111	3	5079	Mountain whitefish	300	284	SCALES	0	PIT	900026000148729	
	0111	3	5080	Mountain whitefish	315	308	SCALES	0	PIT	900026000148103	
	0111	3	5081	Mountain whitefish	288	270	SCALES	2	PIT	900026000061172	
	0111	3	5082	Mountain whitefish	270	236	SCALES	0	PIT	900026000148218	
	0111	3	5083	Mountain whitefish	250	194	SCALES	0	PIT	900026000148927	
	0111	3	5084	Mountain whitefish	226	148	SCALES	0			
	0111	3	5085	Kokanee	192	80	SCALES	0			
	0111	3	5086	Mountain whitefish	313	332	SCALES	2	PIT	900026000055386	
	0111	3	5087	Mountain whitefish	396	486	SCALES	2	PIT	900026000064213	
	0111	3	5088	Mountain whitefish	284	280	SCALES	0	PIT	900026000148800	
	0111	3	5089	Mountain whitefish	281	232	SCALES	0	PIT	900026000148149	
	0111	3	5090	Mountain whitefish	260	222	SCALES	0	PIT	900026000148613	
	0111	3	5091	Mountain whitefish	266	220	SCALES	0	PIT	900026000148758	
	0111	3	5092	Mountain whitefish	219	138	SCALES	0			
	0111	3	5093	Mountain whitefish	192	80	SCALES	0			
	0111	3	5094	Mountain whitefish	240	168	SCALES	0			
	0111	3	5095	Mountain whitefish	339	290	SCALES	0	PIT	900026000148399	
	0111	3	5096	Mountain whitefish	283	276	SCALES	2	PIT	965000000078898	
	0111	3	5097	Mountain whitefish	279	230	SCALES	0	PIT	900026000148814	
	0111	3	5098	Mountain whitefish	267	254	SCALES	6	0	PIT	900026000148099
	0111	3	5099	Mountain whitefish	311	314	SCALES	0	PIT	900026000148295	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0111	3	5100	Mountain whitefish	260	172	SCALES	0	PIT	900026000148416	
	0111	3	5101	Mountain whitefish	236	158	SCALES	0			
	0111	3	5102	Mountain whitefish	231	154	SCALES	0			
	0111	3	5103	Mountain whitefish	309	318	SCALES	2	PIT	96500000072344	
	0111	3	5104	Mountain whitefish	283	220	SCALES	4	0	PIT	900026000148326
	0111	3	5105	Mountain whitefish	277	246	SCALES	0	PIT	900026000148619	
	0111	3	5106	Mountain whitefish	267	230	SCALES	0	PIT	900026000148331	
	0111	3	5107	Mountain whitefish	278	228	SCALES	0	PIT	900026000148528	
	0111	3	5108	Mountain whitefish	240	158	SCALES	0			
	0111	3	5109	Mountain whitefish	349	396	SCALES	0	PIT	900026000148071	
	0111	3	5110	Mountain whitefish	342	410	SCALES	0	PIT	900026000148711	
	0111	3	5111	Mountain whitefish	285	240	SCALES	2	PIT	900026000148602	
	0111	3	5112	Mountain whitefish	266	244	SCALES	2	PIT	900026000148627	
	0111	3	5113	Mountain whitefish	316	298	SCALES	0	PIT	900026000083660	
	0111	3	5114	Mountain whitefish	282	262	SCALES	0	PIT	900026000083409	
	0111	3	5115	Mountain whitefish	273	220	SCALES	0	PIT	900026000083942	
	0111	3	5116	Mountain whitefish	224	148	SCALES	0			
	0111	3	5117	Mountain whitefish	283	240	SCALES	2	PIT	900026000063911	
	0111	3	5118	Mountain whitefish	350	298	SCALES	0	PIT	900026000083442	
	0111	3	5119	Mountain whitefish	290	264	SCALES	2	PIT	900026000148505	
	0111	3	5120	Mountain whitefish	277	246	SCALES	0	PIT	900026000148332	
	0111	3	5121	Mountain whitefish	297	308	SCALES	0	PIT	900026000148070	
	0111	3	5122	Mountain whitefish	321	300	SCALES	0	PIT	900026000148877	
	0114	3	5123	Mountain whitefish	287	220	SCALES	2	PIT	900026000064191	
	0114	3	5124	Mountain whitefish	328	348	SCALES	8	2	PIT	0A00747713
	0114	3	5125	Mountain whitefish	266	230	SCALES	0	PIT	900026000083510	
	0114	3	5126	Mountain whitefish	326	386	SCALES	2	PIT	965000000239616	
	0114	3	5127	Mountain whitefish	282	250	SCALES	0	PIT	900026000148846	
	0114	3	5128	Mountain whitefish	318	380	SCALES	2	PIT	965000000069466	
	0114	3	5129	Mountain whitefish	278	208	SCALES	2	PIT	900026000052387	
	0114	3	5130	Mountain whitefish	225	144	SCALES	0			
	0114	3	5131	Mountain whitefish	277	250	SCALES	0	PIT	900026000083273	
	0114	3	5132	Mountain whitefish	226	132	SCALES	0			
	0114	3	5133	Mountain whitefish	315	282	SCALES	0	PIT	900026000083759	
	0114	3	5134	Mountain whitefish	304	306	SCALES	0	PIT	900026000148772	
	0114	3	5135	Mountain whitefish	285	234	SCALES	0	PIT	900026000083719	
	0114	3	5136	Mountain whitefish	268	206	SCALES	0	PIT	900026000083563	
	0114	3	5137	Mountain whitefish	257	192	SCALES	2	PIT	900026000148529	
	0114	3	5138	Mountain whitefish	318	318	SCALES	0	PIT	900026000083520	
	0114	3	5139	Mountain whitefish	304	328	SCALES	0	PIT	900026000083498	
	0114	3	5140	Mountain whitefish	270	208	SCALES	0	PIT	900026000148300	
	0114	3	5141	Mountain whitefish	314	308	SCALES	2	FLOY	14471	WHITE
	0114	3	5142	Mountain whitefish	275	236	SCALES	0	PIT	900026000148210	
	0114	3	5143	Mountain whitefish	268	274	SCALES	0	PIT	900026000084028	
	0114	3	5144	Mountain whitefish	305	298	SCALES	0	PIT	900026000148665	
	0114	3	5145	Mountain whitefish	282	232	SCALES	0	PIT	900026000148170	
	0114	3	5146	Mountain whitefish	262	202	SCALES	0	PIT	900026000084112	
	0114	3	5147	Mountain whitefish	237	148	SCALES	0			
	0114	3	5148	Mountain whitefish	254	192	SCALES	0	PIT	900026000083792	
	0114	3	5149	Mountain whitefish	276	226	SCALES	2	PIT	900026000148442	
	0114	3	5150	Mountain whitefish	277	234	SCALES	0	PIT	900026000083663	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0114	3	5151	Mountain whitefish	280	252	SCALES	0	PIT	900026000148037	
	0114	3	5152	Mountain whitefish	306	284	SCALES	0	PIT	900026000083329	
	0114	3	5153	Mountain whitefish	302	294	SCALES	2	PIT	965000000247512	
	0114	3	5154	Mountain whitefish	268	212	SCALES	0	PIT	900026000084030	
	0114	3	5155	Mountain whitefish	315	308	SCALES	0	PIT	900026000083679	
	0114	3	5156	Mountain whitefish	295	266	SCALES	0	PIT	900026000083920	
	0113	3	5157	Longnose sucker	392	844		0			
	0113	3	5158	Longnose sucker	400	872		0			
	0113	3	5159	Longnose sucker	400	786		0			
	0113	3	5160	Longnose sucker	377	752		0			
	0113	3	5161	Kokanee	175	48	SCALES	0			
	0113	3	5162	Kokanee	174	50	SCALES	0			
	0113	3	5163	Kokanee	165	44	SCALES	0			
	0113	3	5164	Kokanee	176	54	SCALES	0			
	0113	3	5165	Mountain whitefish	265	212	SCALES	0	PIT	900026000148134	
	0113	3	5166	Mountain whitefish	266	206	SCALES	0	PIT	900026000083939	
	0113	3	5167	Mountain whitefish	274	226	SCALES	2	PIT	900026000148546	
	0113	3	5168	Mountain whitefish	308	336	SCALES	2	PIT	965000000068496	
	0113	3	5169	Mountain whitefish	317	322	SCALES	0	PIT	900026000083572	
	0113	3	5170	Mountain whitefish	282	250	SCALES	4	2	PIT	965000000079632
	0113	3	5171	Mountain whitefish	213	114	SCALES	2	0		
	0113	3	5172	Mountain whitefish	273	206	SCALES	2	2	PIT	965000000089843
	0113	3	5173	Bull trout	174	58	SCALES	2	0		
	0113	3	5174	Mountain whitefish	275	224	SCALES	0	PIT	900026000083541	
	0113	3	5175	Mountain whitefish	344	304	SCALES	0	PIT	900026000083985	
	0113	3	5176	Mountain whitefish	317	300	SCALES	2	PIT	900026000148877	
	0113	3	5177	Mountain whitefish	258	192	SCALES	0	PIT	900026000083264	
	0113	3	5178	Mountain whitefish	249	198	SCALES	0			
	0113	3	5179	Mountain whitefish	351	402	SCALES	0	PIT	900026000148834	
	0113	3	5180	Mountain whitefish	276	238	SCALES	2	PIT	900026000083663	
	0113	3	5181	Mountain whitefish	327	294	SCALES	0	PIT	900026000083911	
	0113	3	5182	Mountain whitefish	310	302	SCALES	0	PIT	900026000083864	
	0113	3	5183	Mountain whitefish	266	272	SCALES	2	PIT	900026000084028	
	0113	3	5184	Mountain whitefish	258	194	SCALES	0	PIT	900026000083850	
	0113	3	5185	Mountain whitefish	254	204	SCALES	0	PIT	900026000083859	
	0113	3	5186	Mountain whitefish	253	196	SCALES	0	PIT	900026000148960	
	0113	3	5187	Mountain whitefish	215	116	SCALES	0			
	0113	3	5188	Rainbow trout	280	254	SCALES	2	PIT	900026000055461	
	0113	3	5189	Mountain whitefish	272	264	SCALES	2	PIT	900026000148213	
	0113	3	5190	Mountain whitefish	330	362	SCALES	0	PIT	900026000083542	
	0113	3	5191	Mountain whitefish	265	244	SCALES	2	PIT	900026000148466	
	0113	3	5192	Mountain whitefish	246	166	SCALES	0			
	0113	3	5193	Mountain whitefish	294	260	SCALES	2	PIT	900026000056117	
	0113	3	5194	Mountain whitefish	216	128	SCALES	0			
	0113	3	5195	Mountain whitefish	324	370	SCALES	0	PIT	900026000083689	
	0113	3	5196	Mountain whitefish	316	286	SCALES	2	PIT	900026000083759	
	0113	3	5197	Mountain whitefish	305	330	SCALES	2	PIT	900026000083498	
	0113	3	5198	Mountain whitefish	262	210	SCALES	2	PIT	900026000055201	
	0119	3	5199	Northern pikeminnow	422	912		0			
	0119	3	5200	Largescale sucker	437	1028		0			
	0119	3	5201	Longnose sucker	415	848		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0119	3	5202	Mountain whitefish	280	248	SCALES	0	PIT	900026000083359	
	0119	3	5203	Mountain whitefish	262	222	SCALES	0	PIT	900026000083313	
	0119	3	5204	Mountain whitefish	269	216	SCALES	0	PIT	900026000083274	
	0119	3	5205	Mountain whitefish	297	322	SCALES	0	PIT	900026000083394	
	0119	3	5206	Mountain whitefish	312	306	SCALES	0	PIT	900026000148794	
	0119	3	5207	Mountain whitefish	215		SCALES	0			
	0119	3	5208	Mountain whitefish	318	314	SCALES	0	PIT	900026000083846	
	0119	3	5209	Mountain whitefish	257	206	SCALES	0	PIT	900026000148540	
	0119	3	5210	Mountain whitefish	322	374	SCALES	2	PIT	900026000083689	
	0119	3	5211	Mountain whitefish	312	276	SCALES	2	PIT	96500000089926	
	0119	3	5212	Mountain whitefish	305	270	SCALES	0	PIT	900026000083429	
	0119	3	5213	Mountain whitefish	221	126	SCALES	0			
	0119	3	5214	Mountain whitefish	353	408	SCALES	2	PIT	900026000148834	
	0119	3	5215	Mountain whitefish	285	226	SCALES	2	PIT	965000000281665	
	0119	3	5216	Mountain whitefish	235	152	SCALES	0			
	0119	3	5217	Mountain whitefish	274	188	SCALES	0	PIT	900026000083917	
	0116	3	5218	Longnose sucker	454	1164		0			
	0116	3	5219	Mountain whitefish	350	294	SCALES	2	PIT	900026000083442	
	0116	3	5220	Kokanee	163	40	SCALES	0			
	0116	3	5221	Mountain whitefish	287	264	SCALES	2	PIT	965000000281431	
	0116	3	5222	Mountain whitefish	315	328	SCALES	2	PIT	900026000055643	
	0116	3	5223	Mountain whitefish	280	218	SCALES	0	PIT	900026000083405	
	0116	3	5224	Mountain whitefish	270	206	SCALES	0	PIT	900026000148651	
	0116	3	5225	Mountain whitefish	317	304	SCALES	2	PIT	0A00712131	
	0116	3	5226	Mountain whitefish	239	160	SCALES	0			
	0116	3	5227	Mountain whitefish	278	240	SCALES	0	PIT	900026000083446	
	0116	3	5228	Mountain whitefish	294	278	SCALES	2	PIT	965000000239044	
	0116	3	5229	Mountain whitefish	277	236	SCALES	0	PIT	900026000083584	
	0116	3	5230	Mountain whitefish	302	264	SCALES	0	PIT	900026000083207	
	0116	3	5231	Mountain whitefish	320	298	SCALES	0	PIT	900026000148378	
	0116	3	5232	Mountain whitefish	288	234	SCALES	0	PIT	900026000083339	
	0116	3	5233	Mountain whitefish	279	236	SCALES	0	PIT	900026000084110	
	0116	3	5234	Mountain whitefish	258	206	SCALES	0	PIT	900026000148475	
	0116	3	5235	Mountain whitefish	280	260	SCALES	2	PIT	96500000080504	
	0116	3	5236	Mountain whitefish	288	294	SCALES	0	PIT	900026000148552	
	0116	3	5237	Mountain whitefish	361	410	SCALES	7	0	PIT	900026000083300
	0116	3	5238	Mountain whitefish	293	230	SCALES	0	PIT	900026000083826	
	0116	3	5239	Mountain whitefish	319	308	SCALES	5	0	PIT	900026000083712
	0116	3	5240	Mountain whitefish	280	236	SCALES	0	PIT	900026000083788	
	0116	3	5241	Rainbow trout	200	104		0			
	0116	3	5242	Mountain whitefish	303	314	SCALES	2	PIT	900026000148772	
	0116	3	5243	Mountain whitefish	330	372	SCALES	0	PIT	900026000083972	
	0116	3	5244	Mountain whitefish	248	156	SCALES	0			
	0116	3	5245	Mountain whitefish	314	326	SCALES	0	PIT	900026000148045	
	0116	3	5246	Mountain whitefish	256	196	SCALES	0	PIT	900026000148747	
	0116	3	5247	Mountain whitefish	250	178	SCALES	0	PIT	900026000148375	
	0116	3	5248	Mountain whitefish	324	248	SCALES	2	PIT	96500000007602	
	0116	3	5249	Mountain whitefish	285	270	SCALES	0	PIT	900026000083356	
	0116	3	5250	Mountain whitefish	231	176	SCALES	0			
	0116	3	5251	Mountain whitefish	270	254	SCALES	0			
	0103	4	6857	Mountain whitefish	361	550	SCALES	2	PIT	900026000148448	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	6858	Mountain whitefish	378	562	SCALES		2	PIT	965000000241902	
	4	6859	Mountain whitefish	281	244	SCALES		0	PIT	900026000083269	
	4	6860	Mountain whitefish	314	316	SCALES		0	PIT	900026000083158	
	4	6861	Mountain whitefish	273	228	SCALES		0	PIT	900026000083346	
	4	6862	Mountain whitefish	307	278	SCALES		0	PIT	900026000083999	
	4	6863	Mountain whitefish	228	128	SCALES		0			
	4	6864	Mountain whitefish	224	138	SCALES		0			
	4	6865	Mountain whitefish	274	234	SCALES	3	0	PIT	900026000083973	
	4	6866	Mountain whitefish	227	144	SCALES		0			
	4	6867	Kokanee	183	60	SCALES		0			
	4	6868	Mountain whitefish	211	132	SCALES		0			
	4	6869	Mountain whitefish	292	266	SCALES		2	PIT	965000000240744	
	4	6870	Mountain whitefish	307	314	SCALES		0	PIT	900026000083818	
	4	6871	Mountain whitefish	297	332	SCALES		0	PIT	900026000083793	
	4	6872	Mountain whitefish	380	540	SCALES		2	PIT	965000000089168	
	4	6873	Mountain whitefish	280	230	SCALES		2	PIT	900026000054279	
	4	6874	Mountain whitefish	326	358	SCALES		0	PIT	900026000083938	
	4	6875	Mountain whitefish	287	242	SCALES		2	PIT	965000000072679	
	4	6876	Mountain whitefish	264	220	SCALES		0	PIT	900026000083476	
	4	6877	Mountain whitefish	272	244	SCALES		0	PIT	900026000148077	
	4	6878	Mountain whitefish	295	306	SCALES		2	PIT	900026000035546	
	4	6879	Kokanee	200	86	SCALES		0			
	4	6880	Mountain whitefish	284	232	SCALES		0	PIT	900026000083561	
	4	6881	Mountain whitefish	287	218	SCALES		0	PIT	900026000083726	
	4	6882	Mountain whitefish	306	298	SCALES		2	FLOY		7944YELLOW
	4	6883	Mountain whitefish	297	266	SCALES		0	PIT	900026000148441	
	4	6884	Mountain whitefish	230	142	SCALES		0			
	4	6885	Mountain whitefish	241	150	SCALES		0			
	4	6886	Mountain whitefish	226	128	SCALES		0			
	4	6887	Mountain whitefish	264	222	SCALES		0	PIT	900026000083927	
	4	6888	Rainbow trout	276	226	SCALES		0	PIT	900026000148133	
	4	6889	Longnose sucker	433	1062			0			
	4	6890	Longnose sucker	406	878			0			
	4	6891	Longnose sucker	405	924			0			
	4	6892	Mountain whitefish	312	274	SCALES		0	PIT	900026000084148	
	4	6893	Mountain whitefish	219	114	SCALES		0			
	4	6894	Mountain whitefish	290	274	SCALES		2	PIT	965000000091256	
	4	6895	Mountain whitefish	286	276	SCALES		2	PIT	900026000054031	
	4	6896	Mountain whitefish	263	220	SCALES		2	PIT	900026000083927	
	4	6897	Mountain whitefish	308	278	SCALES		2	PIT	900026000146233	
	4	6898	Mountain whitefish	285	240	SCALES	6	2	PIT	965000000078026	
	4	6899	Mountain whitefish	263	206	SCALES		2	PIT	900026000054102	
	4	6900	Mountain whitefish	281	216	SCALES		0	PIT	900026000083787	
	4	6901	Mountain whitefish	329	328	SCALES		0	PIT	900026000083529	
	4	6902	Mountain whitefish	324	354	SCALES		2	PIT	900026000083938	
	4	6903	Mountain whitefish	299	250	SCALES		2	PIT	965000000243834	
	4	6904	Mountain whitefish	241	152	SCALES		0			
	4	6905	Mountain whitefish	232	144	SCALES		0			
	4	6906	Mountain whitefish	344	410	SCALES		0	PIT	900026000084043	
	4	6907	Mountain whitefish	258	176	SCALES		2	PIT	965000000281863	
	4	6908	Mountain whitefish	288	266	SCALES		2	PIT	965000000086505	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	6909	Mountain whitefish	233	146	SCALES	3	0			
	4	6910	Mountain whitefish	282	254	SCALES		0	PIT	900026000083478	
	4	6911	Mountain whitefish	297	274	SCALES		0	PIT	900026000148538	
	4	6912	Mountain whitefish	317	304	SCALES		2	PIT	965000000246414	
	4	6913	Mountain whitefish	270	222	SCALES	4	0	PIT	900026000083513	
	4	6914	Mountain whitefish	292	250	SCALES		0	PIT	900026000083500	
	4	6915	Mountain whitefish	265	220	SCALES		2	PIT	900026000083476	
	4	6916	Mountain whitefish	270	242	SCALES		2	PIT	900026000055393	
	4	6917	Mountain whitefish	272	228	SCALES		0	PIT	900026000083724	
	4	6918	Mountain whitefish	220	130	SCALES		0			
	4	6919	Mountain whitefish	271	210	SCALES		0	PIT	900026000084013	
	4	6920	Mountain whitefish	211	110	SCALES		0			
	4	6921	Mountain whitefish	318	288	SCALES		0	PIT	900026000148453	
	4	6922	Mountain whitefish	302	250	SCALES		2	PIT	965000000079493	
	4	6923	Mountain whitefish	235	168	SCALES		0			
	4	6924	Mountain whitefish	275	260	SCALES		0	PIT	900026000148426	
	4	6925	Mountain whitefish	284	232	SCALES		2	PIT	900026000083269	
	4	6926	Mountain whitefish	257	190	SCALES		0	PIT	900026000148688	
	4	6927	Mountain whitefish	286	232	SCALES		0	PIT	900026000083631	
	4	6928	Mountain whitefish	239	158	SCALES		0			
	4	6929	Mountain whitefish	222	136	SCALES		0			
	4	6930	Mountain whitefish	213	118	SCALES		0			
	4	6931	Mountain whitefish	271	206	SCALES		0	PIT	900026000148672	
	4	6932	Mountain whitefish	302	288	SCALES		0	PIT	900026000083527	
	4	6933	Mountain whitefish	272	236	SCALES		2	PIT	900026000052582	
	4	6934	Mountain whitefish	269	214	SCALES		0	PIT	900026000148922	
	4	6935	Mountain whitefish	261	236	SCALES		0	PIT	900026000148082	
	4	6936	Mountain whitefish	305	294	SCALES		2	FLOY	7944YELLOW	
	4	6937	Mountain whitefish	320	310	SCALES		2	PIT	900026000055317	
	4	6938	Mountain whitefish	288	344	SCALES		0	PIT	900026000148126	
	4	6939	Mountain whitefish	287	284	SCALES		0	PIT	900026000148316	
	4	6940	Mountain whitefish	263	226	SCALES		0	PIT	900026000148652	
	4	6941	Mountain whitefish	318	314	SCALES		0	PIT	900026000148104	
	4	6942	Mountain whitefish	292	222	SCALES		2	PIT	900026000065188	
	4	6943	Largescale sucker	424	912			0			
	4	6944	Longnose sucker	390	780			0			
	4	6945	Mountain whitefish	245	176	SCALES		0			
	4	6946	Mountain whitefish	317	332	SCALES		2	PIT	965000000243287	
	4	6947	Mountain whitefish	270	198	SCALES		2	PIT	900026000056006	
	4	6948	Mountain whitefish	242	168	SCALES		0			
	4	6949	Mountain whitefish	271	224	SCALES		0	PIT	900026000148242	
	4	6950	Mountain whitefish	307	292	SCALES		2	PIT	965000000085894	
	4	6951	Mountain whitefish	243	160	SCALES		3			
	4	6952	Mountain whitefish	240	158	SCALES		0			
	4	6953	Mountain whitefish	288	264	SCALES		0	PIT	900026000148798	
	4	6954	Mountain whitefish	285	250	SCALES		0	PIT	900026000148026	
	4	6955	Mountain whitefish	191	86	SCALES		0			
	4	6956	Mountain whitefish	278	230	SCALES		0	PIT	900026000148907	
	4	6957	Mountain whitefish	287	258	SCALES		0	PIT	900026000148150	
	4	6958	Mountain whitefish	261	182	SCALES		0	PIT	900026000148113	
	4	6959	Mountain whitefish	294	254	SCALES		0	PIT	900026000148944	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	6960	Mountain whitefish	269	240	SCALES		0	PIT	900026000148324	
	4	6961	Mountain whitefish	236	148	SCALES	3	0			
	4	6962	Bull trout	180	80	SCALES	2	0			
	4	6963	Bull trout	165	46	SCALES	2	0			
	4	6964	Mountain whitefish	214	128	SCALES		0			
	4	6965	Mountain whitefish	364	464	SCALES		2	PIT	965000000245768	
	4	6966	Mountain whitefish	220	136	SCALES		0			
	4	6967	Mountain whitefish	295	272	SCALES		2	PIT	900026000146268	
	4	6968	Mountain whitefish	281	254	SCALES		2	PIT	900026000148225	
	4	6969	Mountain whitefish	292	244	SCALES		2	PIT	965000000245671	
	4	6970	Mountain whitefish	280	250	SCALES		0	PIT	900026000148945	
	4	6971	Mountain whitefish	224	136	SCALES		0			
	4	6972	Mountain whitefish	232	148	SCALES		0			
	4	6973	Mountain whitefish	233	162	SCALES		0			
	4	6974	Mountain whitefish	248	182	SCALES		0			
	4	6975	Mountain whitefish	227	136	SCALES		0			
	4	6976	Mountain whitefish	299	278	SCALES		2	PIT	965000000108424	
	4	6977	Mountain whitefish	347	452	SCALES		0	PIT	900026000148901	
	4	6978	Mountain whitefish	322	354	SCALES		0	PIT	900026000147998	
	4	6979	Mountain whitefish	271	240	SCALES		0	PIT	900026000148742	
	4	6980	Mountain whitefish	225	132	SCALES		0			
	4	6981	Mountain whitefish	248	182	SCALES		0			
	4	6982	Mountain whitefish	252	172	SCALES	3	0	PIT	900026000148421	
	4	6983	Mountain whitefish	280	226	SCALES		0	PIT	900026000148234	
	4	6984	Mountain whitefish	222	142	SCALES		0			
	4	6985	Mountain whitefish	305	388	SCALES		0	PIT	900026000083292	
	4	6986	Mountain whitefish	264	198	SCALES		0	PIT	900026000083587	
	4	6987	Mountain whitefish	269	250	SCALES		0	PIT	900026000083622	
	4	6988	Mountain whitefish	270	252	SCALES		0	PIT	900026000083226	
	4	6989	Mountain whitefish	218	116	SCALES		0			
	4	6990	Mountain whitefish	218	112	SCALES		0			
	4	6991	Mountain whitefish	290	264	SCALES		0	PIT	900026000084050	
	4	6992	Mountain whitefish	274	228	SCALES		0	PIT	900026000083238	
	4	6993	Mountain whitefish	328	322	SCALES		0	PIT	900026000083954	
	4	6994	Rainbow trout	202	108	SCALES		0			
	4	6995	Kokanee	158	46	SCALES		0			
	4	6996	Mountain whitefish	252	204	SCALES		0	PIT	900026000148136	
	4	6997	Mountain whitefish	240	152	SCALES		0			
	4	6998	Mountain whitefish	246	158	SCALES		0			
	4	6999	Mountain whitefish	233	160	SCALES		0			
	4	7000	Mountain whitefish	242	164	SCALES		0			
	4	7001	Mountain whitefish	202	94	SCALES		0			
	4	7002	Mountain whitefish	350	394	SCALES		2	PIT	965000000089134	
	4	7003	Mountain whitefish	351	416	SCALES		0	PIT	900026000083765	
	4	7004	Kokanee	185	64	SCALES		0			
	4	7005	Mountain whitefish	237	172	SCALES		0			
	4	7006	Mountain whitefish	264	220	SCALES		0	PIT	900026000083956	
	4	7007	Mountain whitefish	313	314	SCALES		0	PIT	900026000083222	
	4	7008	Mountain whitefish	219	124	SCALES		0			
	4	7009	Rainbow trout	365	512	SCALES		0	PIT	900026000083154	
	4	7010	Arctic grayling	350	582	SCALES	4	0	PIT	900026000148909	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
1												
	4	7011	Bull trout	538	2060	FIN RAY	7	0	PIT	900026000083898		
	4	7012	Mountain whitefish	337	426	SCALES		2	PIT	4D00032149		
	4	7013	Mountain whitefish	284	244	SCALES		0	PIT	900026000083397		
	4	7014	Mountain whitefish	292	232	SCALES		0	PIT	900026000083964		
	4	7015	Mountain whitefish	278	252	SCALES		0	PIT	900026000083834		
	4	7016	Mountain whitefish	298	288	SCALES		0	PIT	900026000083585		
	4	7017	Mountain whitefish	308	298	SCALES		0	PIT	900026000083349		
	4	7018	Mountain whitefish	318	360	SCALES		2	PIT	965000000282424		
	4	7019	Mountain whitefish	297	276	SCALES		0	PIT	900026000083509		
	4	7020	Mountain whitefish	224	138	SCALES		0				
	4	7021	Mountain whitefish	269	238	SCALES		0	PIT	900026000083297		
	4	7022	Mountain whitefish	270	214	SCALES		0	PIT	900026000148109		
	4	7023	Mountain whitefish	300	288	SCALES		0	PIT	900026000083709		
	4	7024	Mountain whitefish	252	192	SCALES		0	PIT	900026000053771		
	4	7025	Mountain whitefish	296	290	SCALES		0	PIT	900026000033476		
	4	7026	Mountain whitefish	404	630	SCALES		2	PIT	965000000068895		
	4	7027	Mountain whitefish	241	158	SCALES		0				
	4	7028	Mountain whitefish	292	264	SCALES		0	PIT	900026000055928		
	4	7029	Mountain whitefish	288	254	SCALES		0	PIT	900026000063400		
	4	7030	Mountain whitefish	302	312	SCALES		0	PIT	900026000056837		
	4	7031	Mountain whitefish	267	192	SCALES		0	PIT	900026000055462		
	4	7032	Mountain whitefish	317	392	SCALES		0	PIT	900026000055740		
	4	7033	Mountain whitefish	252	182	SCALES		0	PIT	900026000056971		
	4	7034	Mountain whitefish	263	232	SCALES		0	PIT	900026000033444		
	4	7035	Mountain whitefish	245	176	SCALES		0				
	4	7036	Mountain whitefish	263	220	SCALES		0	PIT	900026000034679		
	4	7037	Mountain whitefish	258	208	SCALES		0	PIT	900026000051607		
	4	7038	Mountain whitefish	332	440	SCALES		0	PIT	900026000033452		
	4	7039	Mountain whitefish	225	148	SCALES		0				
	4	7040	Mountain whitefish	275	174	SCALES		0	PIT	900026000034953		
	4	7041	Mountain whitefish	284	298	SCALES		0	PIT	900026000053419		
	4	7042	Mountain whitefish	303	306	SCALES		0	PIT	900026000052159		
	4	7043	Mountain whitefish	242	162	SCALES		0				
	4	7044	Mountain whitefish	314	292	SCALES		0	PIT	900026000055634		
	4	7045	Mountain whitefish	253	234	SCALES		0	PIT	900026000055856		
	4	7046	Mountain whitefish	262	226	SCALES		0	PIT	900026000056247		
	4	7047	Mountain whitefish	320	356	SCALES		2	PIT	965000000245243		
	4	7048	Mountain whitefish	354	392	SCALES		7	0	PIT	900026000055390	
	4	7049	Mountain whitefish	276	208	SCALES		2	PIT	965000000281536		
	4	7050	Mountain whitefish	273	230	SCALES		0	PIT	900026000055212		
	4	7051	Mountain whitefish	298	292	SCALES		4	0	PIT	900026000052265	
	4	7052	Mountain whitefish	282	232	SCALES		0	PIT	900026000052643		
	4	7053	Mountain whitefish	322	284	SCALES		2	PIT	0A00750340		
	4	7054	Mountain whitefish	278	228	SCALES		0	PIT	900026000056026		
	4	7055	Mountain whitefish	309	348	SCALES		2	PIT	965000000071311		
	4	7056	Mountain whitefish	242	152	SCALES		0				
	4	7057	Mountain whitefish	257	202	SCALES		0	PIT	900026000051394		
	4	7058	Mountain whitefish	244	170	SCALES		0				
	4	7059	Mountain whitefish	276	224	SCALES		0	PIT	900026000084117		
	4	7060	Mountain whitefish	304	324	SCALES		2	PIT	965000000281969		
	4	7061	Mountain whitefish	286	284	SCALES		0	PIT	900026000148275		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	7062	Mountain whitefish	267	224	SCALES		0	PIT	900026000083904	
	4	7063	Mountain whitefish	320	376	SCALES		2	PIT	96500000072503	
	4	7064	Mountain whitefish	331	346	SCALES		0	PIT	900026000083168	
	4	7065	Mountain whitefish	301	280	SCALES		0	PIT	900026000084123	
	4	7066	Mountain whitefish	277	244	SCALES		0	PIT	900026000148820	
	4	7067	Mountain whitefish	299	344	SCALES		0	PIT	900026000083693	
	4	7068	Mountain whitefish	330	328	SCALES		0	PIT	900026000083505	
	4	7069	Mountain whitefish	307	338	SCALES		0	PIT	900026000083518	
	4	7070	Mountain whitefish	237	164	SCALES		0			
	4	7071	Mountain whitefish	267	214	SCALES		0	PIT	900026000083770	
	4	7072	Mountain whitefish	310	406	SCALES		0	PIT	900026000083242	
	4	7073	Mountain whitefish	275	236	SCALES		0	PIT	900026000148959	
	4	7074	Mountain whitefish	307	292	SCALES		0	PIT	900026000083814	
	4	7075	Mountain whitefish	285	274	SCALES		0	PIT	900026000083184	
	4	7076	Mountain whitefish	315	320	SCALES		0	PIT	900026000148636	
	4	7077	Mountain whitefish	340	406	SCALES		0	PIT	900026000083201	
	4	7078	Mountain whitefish	284	330	SCALES		0	PIT	900026000083233	
	4	7079	Mountain whitefish	290	336	SCALES		0	PIT	900026000083685	
	4	7080	Mountain whitefish	317	332	SCALES		2	PIT	965000000241235	
	4	7081	Mountain whitefish	311	284	SCALES		0	PIT	900026000083558	
	4	7082	Mountain whitefish	300	312	SCALES		0	PIT	900026000083655	
	4	7083	Mountain whitefish	319	440	SCALES		0	PIT	900026000083981	
	4	7084	Mountain whitefish	255	184	SCALES		0	PIT	900026000083224	
	4	7085	Mountain whitefish	350	460	SCALES		0	PIT	900026000084124	
	4	7086	Mountain whitefish	283	288	SCALES	5	0	PIT	900026000083975	
	4	7087	Mountain whitefish	247	176	SCALES		0			
	4	7088	Mountain whitefish	302	330	SCALES		0	PIT	900026000083426	
	4	7089	Mountain whitefish	424	748	SCALES		0	PIT	900026000063645	
	4	7090	Mountain whitefish	263	224	SCALES		0	PIT	900026000052765	
	4	7091	Mountain whitefish	253	218	SCALES		0	PIT	900026000055140	
	4	7092	Mountain whitefish	296	298	SCALES		2	PIT	900026000063658	
	4	7093	Mountain whitefish	280	260	SCALES		0	PIT	900026000147103	
	4	7094	Mountain whitefish	299	308	SCALES		0	PIT	900026000147841	
	4	7095	Mountain whitefish	297	290	SCALES	4	0	PIT	900026000033456	
	4	7096	Mountain whitefish	320	330	SCALES		2	PIT	900026000060694	
	4	7097	Mountain whitefish	302	294	SCALES		2	PIT	965000000281016	
	4	7098	Mountain whitefish	252	206	SCALES		0	PIT	900026000035120	
	4	7099	Mountain whitefish	271	246	SCALES		0	PIT	900026000147238	
	4	7100	Mountain whitefish	259	204	SCALES		2	PIT	900026000052467	
	4	7101	Mountain whitefish	272	212	SCALES		2	PIT	900026000061018	
	4	7102	Mountain whitefish	281	264	SCALES	3	0	PIT	900026000147593	
	4	7103	Mountain whitefish	239	158	SCALES		0			
	4	7104	Mountain whitefish	304	344	SCALES		2	PIT	900026000083518	
	4	7105	Mountain whitefish	245	176	SCALES		0			
	4	7106	Mountain whitefish	305	366	SCALES	4	0	PIT	900026000055178	
	4	7107	Mountain whitefish	346	416	SCALES		2	PIT	0A00747651	
	4	7108	Mountain whitefish	263	210	SCALES		2	PIT	900026000055572	
	4	7109	Mountain whitefish	305	270	SCALES		0	PIT	900026000147137	
	4	7110	Mountain whitefish	277	242	SCALES		0	PIT	900026000035243	
	4	7111	Mountain whitefish	250	200	SCALES		0	PIT	900026000055914	
	4	7112	Mountain whitefish	283	314	SCALES		0	PIT	900026000147603	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	7113	Mountain whitefish	337	428	SCALES		0	PIT	900026000147324	
	4	7114	Mountain whitefish	291	260	SCALES		0	PIT	900026000052169	
	4	7115	Mountain whitefish	250	234	SCALES		0	PIT	900026000055243	
	4	7116	Mountain whitefish	241	170	SCALES		0			
	4	7117	Mountain whitefish	288	244	SCALES		0	PIT	900026000147450	
	4	7118	Mountain whitefish	265	264	SCALES		0	PIT	900026000147568	
	4	7119	Mountain whitefish	341	390	SCALES	5	2	PIT	965000000244380	
	4	7120	Mountain whitefish	258	196	SCALES		0	PIT	900026000056095	
	4	7121	Mountain whitefish	396	610	SCALES		2	PIT	900026000148976	
	4	7122	Mountain whitefish	283	226	SCALES		0	PIT	900026000147724	
	4	7123	Mountain whitefish	297	332	SCALES		0	PIT	900026000057617	
	4	7124	Mountain whitefish	273	244	SCALES		0	PIT	900026000052151	
	4	7125	Mountain whitefish	313	328	SCALES		0	PIT	900026000147622	
	4	7126	Mountain whitefish	284	278	SCALES		0	PIT	900026000054118	
	4	7127	Mountain whitefish	302	268	SCALES		0	PIT	900026000052383	
	4	7128	Mountain whitefish	310	372	SCALES		0	PIT	900026000054109	
	4	7129	Mountain whitefish	275	228	SCALES		2	PIT	900026000055334	
	4	7130	Mountain whitefish	274	250	SCALES		0	PIT	900026000051300	
	4	7131	Mountain whitefish	329	396	SCALES		0	PIT	900026000055408	
	4	7132	Mountain whitefish	264	230	SCALES		0	PIT	900026000055261	
	4	7133	Mountain whitefish	241	166	SCALES		0			
	4	7134	Mountain whitefish	263	226	SCALES		0	PIT	900026000057566	
	4	7135	Mountain whitefish	293	302	SCALES		0	PIT	900026000034502	
	4	7136	Mountain whitefish	278	232	SCALES		0	PIT	900026000055533	
	4	7137	Mountain whitefish	303	326	SCALES	4	0	PIT	900026000035146	
	4	7138	Mountain whitefish	346	362	SCALES		0	PIT	900026000051954	
	4	7139	Mountain whitefish	240	170	SCALES		0			
	4	7140	Mountain whitefish	222	138	SCALES		0			
	4	7141	Mountain whitefish	293	300	SCALES		0	PIT	900026000053637	
	4	7142	Mountain whitefish	263	226	SCALES		0	PIT	900026000051336	
	4	7143	Mountain whitefish	307	324	SCALES		0	PIT	900026000054093	
	4	7144	Mountain whitefish	270	214	SCALES		0	PIT	900026000051234	
	4	7145	Mountain whitefish	330	356	SCALES		0	PIT	900026000063291	
	4	7146	Mountain whitefish	301	288	SCALES		2	PIT	965000000240947	
	4	7147	Mountain whitefish	252	192	SCALES		0	PIT	900026000063376	
	4	7148	Mountain whitefish	308	318	SCALES		0	PIT	900026000055891	
	4	7149	Mountain whitefish	235	182	SCALES		0			
	4	7150	Mountain whitefish	285	260	SCALES		0	PIT	900026000051550	
	4	7151	Bull trout	258	196	FS	4	0	PIT	900026000053799	
	4	7152	Mountain whitefish	282	280	SCALES		0	PIT	900026000035342	
	4	7153	Mountain whitefish	250	162	SCALES		0	PIT	900026000056891	
	4	7154	Mountain whitefish	240	144	SCALES		0			
	4	7155	Mountain whitefish	278	244	SCALES		2	PIT	965000000006017	
	4	7156	Mountain whitefish	272	220	SCALES		0	PIT	900026000051397	
	4	7157	Mountain whitefish	299	236	SCALES		0	PIT	900026000051973	
	4	7158	Mountain whitefish	298	274	SCALES		0	PIT	900026000051555	
	4	7159	Rainbow trout	245	180	SCALES		0			
	4	7160	Mountain whitefish	342	344	SCALES		2	PIT	965000000278851	
	4	7161	Mountain whitefish	300	270	SCALES		0	PIT	900026000034822	
	4	7162	Kokanee	170	46			0			
	4	7163	Mountain whitefish	298	256	SCALES		0	PIT	900026000052947	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	7164	Mountain whitefish	333		SCALES		0	PIT	900026000053945	
	4	7165	Mountain whitefish	230	150	SCALES		0			
	4	7166	Mountain whitefish	293	292	SCALES		0	PIT	900026000147086	
	4	7167	Mountain whitefish	325	350	SCALES		0	PIT	900026000055570	
	4	7168	Mountain whitefish	296	266	SCALES		0	PIT	900026000147232	
	4	7169	Mountain whitefish	282	216	SCALES		0	PIT	900026000051649	
	4	7170	Mountain whitefish	305	230	SCALES		0	PIT	900026000056001	
	4	7171	Mountain whitefish	269	202	SCALES		0	PIT	900026000147751	
	4	7172	Mountain whitefish	303	314	SCALES		0	PIT	900026000057273	
	4	7173	Mountain whitefish	276	218	SCALES		2	PIT	900026000063487	
	4	7174	Mountain whitefish	306	346	SCALES		2	PIT	900026000083518	
	4	7175	Mountain whitefish	297	266	SCALES		0	PIT	900026000056151	
	4	7176	Mountain whitefish	322	416	SCALES		0	PIT	900026000147425	
	4	7177	Mountain whitefish	315	322	SCALES		0	PIT	900026000063597	
	4	7178	Mountain whitefish	325	284	SCALES		0	PIT	900026000053542	
	4	7179	Mountain whitefish	285	222	SCALES		0	PIT	900026000035356	
	4	7180	Mountain whitefish	274	240	SCALES		0	PIT	900026000147457	
	4	7181	Mountain whitefish	329	270	SO		1			
	4	7182	Mountain whitefish	301	288	SCALES		2	PIT	900026000064638	
	4	7183	Mountain whitefish	293	264	SCALES	5	0	PIT	900026000034950	
	4	7184	Mountain whitefish	283	252	SCALES		0	PIT	900026000055286	
	4	7185	Mountain whitefish	302	274	SCALES		0	PIT	900026000155021	
	4	7186	Mountain whitefish	301	302	SCALES		0	PIT	900026000055548	
	4	7187	Mountain whitefish	316	286	SCALES		2	PIT	4D00024316	
	4	7188	Mountain whitefish	306	288	SCALES		2	PIT	965000000244105	
	4	7189	Mountain whitefish	295	238	SCALES		2	PIT	900026000148663	
	4	7190	Mountain whitefish	295	290	SCALES		0	PIT	900026000147737	
	4	7191	Mountain whitefish	278	248	SCALES		0	PIT	900026000062005	
	4	7192	Rainbow trout	250	210	SCALES		0	PIT	900026000147329	
	4	7193	Mountain whitefish	287	270	SCALES		0	PIT	900026000147104	
	4	7194	Mountain whitefish	286	276	SCALES		0	PIT	900026000147901	
	4	7195	Mountain whitefish	278	220	SCALES		0	PIT	900026000034709	
	4	7196	Mountain whitefish	229	142	SCALES		0			
	4	7197	Mountain whitefish	305	252	SCALES		2	PIT	965000000238393	
	4	7198	Mountain whitefish	222	128	SCALES		0			
	4	7199	Kokanee	180	70	SCALES		0			
	4	7200	Mountain whitefish	278	226	SCALES		0			
	4	7201	Mountain whitefish	311	328	SCALES		0	PIT	900026000034792	
	4	7202	Mountain whitefish	308	334	SCALES		0	PIT	900026000056326	
	4	7203	Mountain whitefish	301	274	SCALES		0	PIT	900026000055402	
	4	7204	Mountain whitefish	257	172	SCALES		0	PIT	900026000052424	
	4	7205	Mountain whitefish	244	168	SCALES		0			
	4	7206	Mountain whitefish	238	160	SCALES		0			
	4	7207	Mountain whitefish	415	648	SCALES		0	PIT	900026000054115	
	4	7208	Mountain whitefish	251	192	SCALES		0	PIT	900026000147540	
	4	7209	Mountain whitefish	262	214	SCALES		0	PIT	900026000147099	
	4	7210	Mountain whitefish	260	212	SCALES		0	PIT	900026000147941	
	4	7211	Mountain whitefish	234	146	SCALES		0			
	4	7212	Mountain whitefish	245	166	SCALES		0			
	4	7213	Mountain whitefish	286	250	SCALES		0	PIT	900026000051906	
	4	7214	Mountain whitefish	283	232	SCALES		0	PIT	900026000147289	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
1												
	0108	4	7215	Mountain whitefish	310	306	SCALES	0	PIT	900026000055308		
	0108	4	7216	Mountain whitefish	268	192	SCALES	0	PIT	900026000056074		
	0108	4	7217	Mountain whitefish	239	170	SCALES	0				
	0108	4	7218	Mountain whitefish	337	322	SCALES	0	PIT	900026000051535		
	0108	4	7219	Kokanee	173	64		0				
	0108	4	7220	Mountain whitefish	290	260	SCALES	0	PIT	900026000147524		
	0108	4	7221	Mountain whitefish	278	238	SCALES	0	PIT	900026000147066		
	0108	4	7222	Mountain whitefish	286	234	SCALES	0	PIT	900026000055436		
	0108	4	7223	Mountain whitefish	290	250	SCALES	0	PIT	900026000052376		
	0108	4	7224	Mountain whitefish	281	236	SCALES	0	PIT	900026000065631		
	0108	4	7225	Mountain whitefish	279	240	SCALES	2	PIT	900026000056254		
	0108	4	7226	Mountain whitefish	234	158	SCALES	0				
	0108	4	7227	Mountain whitefish	287	238	SCALES	0	PIT	900026000055803		
	0108	4	7228	Mountain whitefish	386	560	SCALES	0	PIT	900026000147251		
	0108	4	7229	Mountain whitefish	286	236	SCALES	0	PIT	900026000055251		
	0108	4	7230	Kokanee	195	66		0				
	0108	4	7231	Mountain whitefish	291	292	SCALES	4	0	PIT	900026000147465	
	0108	4	7232	Mountain whitefish	307	304	SCALES	0	PIT	900026000147556		
	0108	4	7233	Mountain whitefish	296	248	SCALES	0	PIT	900026000147002		
	0108	4	7234	Mountain whitefish	255	196	SCALES	0	PIT	900026000155042		
	0108	4	7235	Mountain whitefish	247	172	SCALES	0				
	0108	4	7236	Mountain whitefish	251	206	SCALES	0				
	0110	4	7237	Longnose sucker	413	982		0				
	0110	4	7238	Longnose sucker	426	1056		0				
	0110	4	7239	Longnose sucker	432	1034		0				
	0110	4	7240	Longnose sucker	353	450		0				
	0110	4	7241	Longnose sucker	392	840		0				
	0110	4	7242	White sucker	410	860		0				
	0110	4	7243	Mountain whitefish	373	506	SCALES	0	PIT	900026000083606		
	0110	4	7244	Mountain whitefish	310	336	SCALES	2	PIT	900026000056326		
	0110	4	7245	Mountain whitefish	297	264	SCALES	0	PIT	900026000084020		
	0110	4	7246	Mountain whitefish	283	242	SCALES	2	PIT	900026000063213		
	0110	4	7247	Mountain whitefish	262	218	SCALES	0	PIT	900026000083573		
	0110	4	7248	Mountain whitefish	298	236	SCALES	0	PIT	900026000083178		
	0110	4	7249	Mountain whitefish	295	240	SCALES	0	PIT	900026000083395		
	0110	4	7250	Mountain whitefish	293	218	SCALES	2	PIT	900026000055235		
	0110	4	7251	Mountain whitefish	291	244	SCALES	0	PIT	900026000084006		
	0110	4	7252	Mountain whitefish	307	260	SCALES	0	PIT	900026000083197		
	0110	4	7253	Mountain whitefish	347	404	SCALES	0	PIT	900026000083656		
	0110	4	7254	Mountain whitefish	280	252	SCALES	0	PIT	900026000148788		
	0110	4	7255	Mountain whitefish	313	308	SCALES	0	PIT	900026000084094		
	0110	4	7256	Mountain whitefish	291	230	SCALES	0	PIT	900026000084073		
	0110	4	7257	Mountain whitefish	287	262	SCALES	0	PIT	900026000083229		
	0110	4	7258	Mountain whitefish	244	164	SCALES	3	0			
	0110	4	7259	Mountain whitefish	246	176	SCALES	0				
	0110	4	7260	Mountain whitefish	251	172	SCALES	0	PIT	900026000083773		
	0110	4	7261	Mountain whitefish	373	468	SCALES	0	PIT	900026000083738		
	0110	4	7262	Mountain whitefish	296	276	SCALES	0	PIT	900026000084090		
	0110	4	7263	Mountain whitefish	297	264	SCALES	0	PIT	900026000083499		
	0110	4	7264	Mountain whitefish	279	210	SCALES	2	PIT	900026000055147		
	0110	4	7265	Mountain whitefish	284	252	SCALES	0	PIT	900026000084040		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	7266	Mountain whitefish	281	232	SCALES		0	PIT	900026000148755	
	4	7267	Mountain whitefish	260	184	SCALES		0	PIT	900026000084047	
	4	7268	Mountain whitefish	252	190	SCALES		0	PIT	900026000148941	
	4	7269	Mountain whitefish	317	292	SCALES		0	PIT	900026000083301	
	4	7270	Mountain whitefish	268	236	SCALES		0	PIT	900026000083191	
	4	7271	Mountain whitefish	279	230	SCALES		0	PIT	900026000084115	
	4	7272	Mountain whitefish	326	272	SCALES		2	PIT	965000000088324	
	4	7273	Mountain whitefish	288	232	SCALES		0	PIT	900026000083472	
	4	7274	Mountain whitefish	300	244	SCALES		2	PIT	900026000146138	
	4	7275	Mountain whitefish	326	332	SCALES		0	PIT	900026000083466	
	4	7276	Mountain whitefish	267	202	SCALES		0	PIT	900026000147161	
	4	7277	Mountain whitefish	283	230	SCALES		0	PIT	900026000055748	
	4	7278	Mountain whitefish	311	284	SCALES		0	PIT	900026000034863	
	4	7279	Mountain whitefish	350	398	SCALES		0	PIT	900026000057400	
	4	7280	Mountain whitefish	270	248	SCALES		0	PIT	900026000053729	
	4	7281	Mountain whitefish	321	308	SCALES		2	PIT	900026000055852	
	4	7282	Mountain whitefish	319	280	SCALES		0	PIT	900026000033559	
	4	7283	Mountain whitefish	286	242	SCALES		2	PIT	900026000056539	
	4	7284	Mountain whitefish	278	208	SCALES		2	PIT	900026000148044	
	4	7285	Mountain whitefish	270	240	SCALES		2	PIT	900026000052659	
	4	7286	Mountain whitefish	247	180	SCALES		0			
	4	7287	Mountain whitefish	307	270	SCALES		0	PIT	900026000147535	
	4	7288	Mountain whitefish	259	202	SCALES	4	0	PIT	900026000055611	
	4	7289	Mountain whitefish	250	192	SCALES		0	PIT	900026000052139	
	4	7290	Mountain whitefish	279	232	SCALES		0	PIT	900026000147438	
	4	7291	Longnose sucker	452	1298			0			
	4	7292	Mountain whitefish	311	326	SCALES		2	PIT	900026000061069	
	4	7293	Longnose sucker	430	1136			0			
	4	7294	Mountain whitefish	288	230	SCALES		2	PIT	900026000148715	
	4	7295	Mountain whitefish	339	314	SCALES		0	PIT	965000000110364	
	4	7296	Mountain whitefish	262	216	SCALES		2	PIT	900026000052077	
	4	7297	Mountain whitefish	274	224	SCALES		0	PIT	900026000147947	
	4	7298	Mountain whitefish	285	240	SCALES		2	PIT	900026000148340	
	4	7299	Mountain whitefish	352	358	SCALES		2	PIT	900026000060569	
	4	7300	Mountain whitefish	258	204	SCALES		2	PIT	965000000070021	
	4	7301	Mountain whitefish	296	290	SCALES		2	PIT	900026000056000	
	4	7302	Mountain whitefish	268	240	SCALES		0	PIT	900026000055984	
	4	7303	Mountain whitefish	269	202	SCALES		2	PIT	900026000064807	
	4	7304	Mountain whitefish	227	146	SCALES		0			
	4	7305	Mountain whitefish	257		SCALES		2	PIT	900026000063339	
	4	7306	Mountain whitefish	415	902	SCALES		2	PIT	965000000243187	
	4	7307	Mountain whitefish	240	170	SCALES		0			
	4	7308	Mountain whitefish	291	260	SCALES		2	PIT	965000000093412	
	4	7309	Mountain whitefish	293	236	SCALES		2	PIT	965000000070979	
	4	7310	Mountain whitefish	325	324	SCALES		0	PIT	900026000053990	
	4	7311	Mountain whitefish	255	196	SCALES	5	0	PIT	900026000033470	
	4	7312	Mountain whitefish	326	298	SCALES		0	PIT	900026000147370	
	4	7313	Mountain whitefish	283	240	SCALES		0	PIT	900026000052342	
	4	7314	Mountain whitefish	303	254	SCALES		0	PIT	900026000147578	
	4	7315	Mountain whitefish	282	222	SCALES	5	0	PIT	900026000064346	
	4	7316	Mountain whitefish	310	318	SCALES	5	0	PIT	900026000035321	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	7317	Longnose sucker	405	920			0			
	4	7318	Mountain whitefish	297	288	SCALES		0	PIT	900026000147503	
	4	7319	Mountain whitefish	252	178	SCALES		0	PIT	900026000147574	
	4	7320	Mountain whitefish	252	172	SCALES		0	PIT	900026000056186	
	4	7321	Mountain whitefish	283	250	SCALES		0	PIT	900026000052469	
	4	7322	Mountain whitefish	338	366	SCALES		2	PIT	965000000244175	
	4	7323	Mountain whitefish	318	322	SCALES		0	PIT	900026000035505	
	4	7324	Mountain whitefish	308	288	SCALES		0	PIT	900026000057386	
	4	7325	Mountain whitefish	310	318	SCALES		2	PIT	900026000061232	
	4	7326	Mountain whitefish	305	270	SCALES		0	PIT	900026000053136	
	4	7327	Mountain whitefish	290	248	SCALES		0	PIT	900026000147468	
	4	7328	Mountain whitefish	254	204	SCALES		0	PIT	900026000147228	
	4	7329	Mountain whitefish	297	260	SCALES		0	PIT	900026000053547	
	4	7330	Mountain whitefish	246	158	SCALES		0			
	4	7331	Mountain whitefish	239	138	SCALES		0			
	4	7332	Mountain whitefish	236	152	SCALES		0			
	4	7333	Mountain whitefish	322	304	SCALES		0	PIT	900026000147546	
	4	7334	Mountain whitefish	292	258	SCALES		0	PIT	900026000147288	
	4	7335	Mountain whitefish	327	372	SCALES		2	PIT	965000000080384	
	4	7336	Mountain whitefish	273	244	SCALES		0	PIT	900026000052664	
	4	7337	Mountain whitefish	298	308	SCALES		2	PIT	965000000248242	
	4	7338	Mountain whitefish	275	226	SCALES		0	PIT	900026000052348	
	4	7339	Mountain whitefish	315	332	SCALES		0	PIT	900026000055841	
	4	7340	Mountain whitefish	283	278	SCALES		0	PIT	900026000147338	
	4	7341	Mountain whitefish	326	342	SCALES	7	0	PIT	900026000147956	
	4	7342	Mountain whitefish	287	312	SCALES		0	PIT	900026000147471	
	4	7343	Mountain whitefish	341	340	SCALES		2	PIT	965000000083827	
	4	7344	Mountain whitefish	310	322	SCALES		2	PIT	900026000055386	
	4	7345	Mountain whitefish	309	270	SCALES		0	PIT	900026000147377	
	4	7346	Mountain whitefish	305	278	SCALES		2	PIT	965000000078909	
	4	7347	Mountain whitefish	265	218	SCALES		0	PIT	900026000147825	
	4	7348	Mountain whitefish	286	258	SCALES		0	PIT	900026000147491	
	4	7349	Mountain whitefish	261	192	SCALES		0	PIT	900026000147590	
	4	7350	Mountain whitefish	259	196	SCALES		0	PIT	900026000060981	
	4	7351	Mountain whitefish	277	234	SCALES		0	PIT	900026000147308	
	4	7352	Mountain whitefish	353	430	SO		1			
	4	7353	Mountain whitefish	288	234	SCALES		0	PIT	900026000051546	
	4	7354	Mountain whitefish	275	218	SCALES		0	PIT	900026000147055	
	4	7355	Mountain whitefish	322	326	SCALES		2	PIT	965000000091813	
	4	7356	Mountain whitefish	277	242	SCALES		0	PIT	900026000147399	
	4	7357	Mountain whitefish	300	288	SCALES		2	PIT	900026000052470	
	4	7358	Mountain whitefish	270	276	SCALES		0	PIT	900026000052104	
	4	7359	Mountain whitefish	427	718	SCALES		0	PIT	900026000147132	
	4	7360	Mountain whitefish	314	386	SCALES		0	PIT	900026000147049	
	4	7361	Mountain whitefish	295	254	SCALES		0	PIT	900026000147608	
	4	7362	Mountain whitefish	272	230	SCALES		0	PIT	900026000148309	
	4	7363	Mountain whitefish	245	162	SCALES		0			
	4	7364	Mountain whitefish	302	292	SCALES	6	2	PIT	965000000247565	
	4	7365	Mountain whitefish	296	288	SCALES		0	PIT	900026000148095	
	4	7366	Mountain whitefish	301		SCALES		0	PIT	900026000083454	
	4	7367	Mountain whitefish	288	236	SCALES		2	PIT	900026000064265	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	7368	Mountain whitefish	291	238	SCALES		0	PIT	900026000148333	
	4	7369	Mountain whitefish	297	282	SCALES	5	2	PIT	96500000091785	
	4	7370	Mountain whitefish	286	252	SCALES	4	0	PIT	900026000084065	
	4	7371	Longnose sucker	424	1130			0			
	4	7372	Mountain whitefish	358	466	SCALES		2	PIT	900026000062121	
	4	7373	Mountain whitefish	295	300	SCALES		0	PIT	900026000084025	
	4	7374	Mountain whitefish	287	234	SCALES		0	PIT	900026000083381	
	4	7375	Mountain whitefish	303	242	SCALES	6	0	PIT	900026000148215	
	4	7376	Mountain whitefish	272	176	SCALES	5	0	PIT	900026000083860	
	4	7377	Mountain whitefish	323	314	SCALES		0	PIT	900026000083245	
	4	7378	Mountain whitefish	265	222	SCALES		0	PIT	900026000083745	
	4	7379	Mountain whitefish	296	226	SCALES		0	PIT	900026000084105	
	4	7380	Mountain whitefish	276	260	SCALES	4	0	PIT	900026000148752	
	4	7381	Mountain whitefish	363	508	SCALES		0	PIT	900026000083164	
	4	7382	Mountain whitefish	315	296	SCALES		0	PIT	900026000148118	
	4	7383	Mountain whitefish	270	166	SCALES		0	PIT	900026000083579	
	4	7384	Bull trout	647	2940	FIN RAY	7	0	PIT	900026000084046	
	4	7385	Kokanee	176	74	SCALES		0			
	4	7386	Mountain whitefish	259	208	SCALES	4	0	PIT	900026000084092	
	4	7387	Mountain whitefish	283	216	SCALES		0	PIT	900026000083865	
	4	7388	Mountain whitefish	237	158	SCALES	3	0			
	4	7389	Mountain whitefish	272	202	SCALES		0	PIT	900026000083176	
	4	7390	Mountain whitefish	289	220	SCALES		2	PIT	965000000072279	
	4	7391	Mountain whitefish	211	112	SCALES		0			
	4	7392	Mountain whitefish	327	356	SCALES		0	PIT	900026000084144	
	4	7393	Mountain whitefish	322	318	SCALES		0	PIT	900026000083821	
	4	7394	Mountain whitefish	282	222	SCALES		0	PIT	900026000083467	
	4	7395	Mountain whitefish	242	184	SCALES		0			
	4	7396	Mountain whitefish	242	154	SCALES		0			
	4	7397	Kokanee	166	56	SCALES		0			
	4	7398	Mountain whitefish	288	278	SCALES		2	PIT	900026000147338	
	4	7399	Mountain whitefish	255	222	SCALES	4	0	PIT	900026000083372	
	4	7400	Mountain whitefish	330	308	SCALES		2	PIT	965000000112840	
	4	7401	Mountain whitefish	330	366	SCALES		0	PIT	900026000083508	
	4	7402	Mountain whitefish	234	158	SCALES		0			
	4	7403	Mountain whitefish	255	192	SCALES		0	PIT	900026000083743	
	4	7404	Mountain whitefish	268	214	SCALES		0	PIT	900026000083420	
	4	7405	Mountain whitefish	277	244	SCALES		0	PIT	900026000083654	
	4	7406	Mountain whitefish	280	232	SCALES		2	PIT	900026000056595	
	4	7407	Mountain whitefish	263	230	SCALES		0	PIT	900026000083782	
	4	7408	Mountain whitefish	251	178	SCALES		0	PIT	900026000083680	
	4	7409	Mountain whitefish	272	230	SCALES		0	PIT	900026000083840	
	4	7410	Mountain whitefish	304	332	SCALES		0	PIT	900026000148247	
	4	7411	Mountain whitefish	275	220	SCALES		2	PIT	900026000052348	
	4	7412	Mountain whitefish	283	260	SCALES		0	PIT	900026000083844	
	4	7413	Mountain whitefish	268	220	SCALES		0	PIT	900026000083290	
	4	7414	Mountain whitefish	265	196	SCALES		0	PIT	900026000083820	
	4	7415	Mountain whitefish	252	220	SCALES		2	PIT	900026000064487	
	4	7416	Mountain whitefish	227	124	SCALES	3	0			
	4	7417	Mountain whitefish	257	196	SCALES		0	PIT	900026000148092	
	4	7418	Mountain whitefish	242	162	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	7419	Mountain whitefish	355	472	SCALES		2	PIT	900026000062121	
	4	7420	Mountain whitefish	296	288	SCALES		2	PIT	900026000052210	
	4	7421	Mountain whitefish	272	244	SCALES		0	PIT	900026000148537	
	4	7422	Mountain whitefish	320	340	SCALES		2	PIT	965000000085480	
	4	7423	Mountain whitefish	282	256	SCALES		0	PIT	900026000083159	
	4	7424	Mountain whitefish	248	182	SCALES		0			
	4	7425	Mountain whitefish	297	286	SCALES		0	PIT	900026000083882	
	4	7426	Mountain whitefish	224	132	SCALES		0			
	4	7427	Mountain whitefish	275	274	SCALES		0	PIT	900026000083871	
	4	7428	Mountain whitefish	232	128	SO		1			
	4	7429	Mountain whitefish	325	344	SCALES		2	PIT	965000000080874	
	4	7430	Mountain whitefish	300	274	SCALES		2	PIT	900026000056316	
	4	7431	Mountain whitefish	209	114	SCALES		0			
	4	7432	Mountain whitefish	190	94	SCALES		0			
	4	7433	Mountain whitefish	308	298	SCALES		2	PIT	965000000114553	
	4	7434	Mountain whitefish	242	162	SCALES		0			
	4	7435	Mountain whitefish	259	196	SCALES		0	PIT	900026000083994	
	4	7436	Mountain whitefish	222	152	SCALES		0			
	4	7437	Mountain whitefish	233	138	SCALES		0			
	4	7438	Mountain whitefish	264	176	SCALES		0	PIT	900026000083482	
	4	7439	Mountain whitefish	317	292	SCALES		0	PIT	900026000083815	
	4	7440	Mountain whitefish	273	220	SCALES		0	PIT	900026000083465	
	4	7441	Mountain whitefish	284	242	SCALES		0	PIT	900026000083866	
	4	7442	Mountain whitefish	237	156	SCALES		0			
	4	7443	Mountain whitefish	340	356	SCALES		2	PIT	965000000239309	
	4	7444	Mountain whitefish	284	244	SCALES		0	PIT	900026000084041	
	4	7445	Mountain whitefish	261	208	SCALES	5	0	PIT	900026000083950	
	4	7446	Mountain whitefish	215	120	SCALES		0			
	4	7447	Mountain whitefish	281	206	SCALES		2	PIT	900026000052387	
	4	7448	Mountain whitefish	267	210	SCALES		0	PIT	900026000083421	
	4	7449	Mountain whitefish	305	274	SCALES		0	PIT	900026000083171	
	4	7450	Kokanee	182	60	SCALES		0			
	4	7451	Mountain whitefish	316	282	SCALES		0	PIT	900026000148661	
	4	7452	Mountain whitefish	311	254	SCALES		0	PIT	900026000084071	
	4	7453	Mountain whitefish	281	220	SCALES		0	PIT	900026000083742	
	4	7454	Kokanee	120	16	SCALES		0			
	4	7455	Kokanee	114	22	SCALES		0			
	4	7456	Mountain whitefish	318	314	SCALES		2	PIT	965000000091697	
	4	7457	Mountain whitefish	283	282	SCALES		2	PIT	900026000147338	
	4	7458	Mountain whitefish	315	372	SCALES		0	PIT	900026000148201	
	4	7459	Mountain whitefish	288	238	SCALES		0	PIT	900026000084084	
	4	7460	Mountain whitefish	318	368	SCALES		0	PIT	900026000083780	
	4	7461	Mountain whitefish	255	216	SCALES		0	PIT	900026000148073	
	4	7462	Mountain whitefish	255	194	SCALES		0	PIT	900026000083979	
	4	7463	Mountain whitefish	217	114	SCALES		0			
	4	7464	Mountain whitefish	318	300	SCALES		0	PIT	900026000083512	
	4	7465	Mountain whitefish	320	322	SCALES		0	PIT	900026000148543	
	4	7466	Mountain whitefish	243	154	SCALES		0			
	4	7467	Mountain whitefish	282	254	SCALES		0	PIT	900026000083692	
	4	7468	Mountain whitefish	295	230	SCALES		2	PIT	900026000061205	
	4	7469	Mountain whitefish	231	128	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	7470	Mountain whitefish	278	224	SCALES		0	PIT	900026000148807	
	4	7471	Mountain whitefish	274	218	SCALES		0	PIT	900026000084132	
	4	7472	Mountain whitefish	238	148	SCALES		0			
	4	7473	Mountain whitefish	307	316	SCALES		0	PIT	900026000083653	
	4	7474	Mountain whitefish	281	216	SCALES		0	PIT	900026000148843	
	4	7475	Mountain whitefish	245	200	SCALES		0			
	4	7476	Mountain whitefish	283	244	SCALES		0	PIT	900026000083268	
	4	7477	Mountain whitefish	269	206	SCALES		2	PIT	96500000081347	
	4	7478	Mountain whitefish	311	262	SCALES		0	PIT	900026000083188	
	4	7479	Mountain whitefish	214		SCALES		0			
	4	7480	Mountain whitefish	354	412	SCALES		0	PIT	900026000083914	
	4	7481	Mountain whitefish	303	300	SCALES		0	PIT	900026000084137	
	4	7482	Mountain whitefish	277	244	SCALES		0	PIT	900026000083162	
	4	7483	Mountain whitefish	335	306	SCALES	5	0	PIT	900026000083731	
	4	7484	Mountain whitefish	326	344	SCALES		0	PIT	900026000083393	
	4	7485	Mountain whitefish	332	342	SCALES		2	FLOY		8220YELLOW
	4	7486	Mountain whitefish	273	242	SCALES		0	PIT	900026000084107	
	4	7487	Mountain whitefish	292	294	SCALES		0	PIT	900026000083682	
	4	7488	Mountain whitefish	255	176	SCALES		0	PIT	900026000083554	
	4	7489	Mountain whitefish	270	212	SCALES		0	PIT	900026000148535	
	4	7490	Mountain whitefish	278	254	SCALES		0	PIT	900026000148116	
	4	7491	Mountain whitefish	272	226	SCALES		0	PIT	900026000083456	
	4	7492	Mountain whitefish	332	332	SCALES		2	PIT	900026000083529	
	4	7493	Mountain whitefish	340	402	SCALES		0	PIT	900026000084015	
	4	7494	Mountain whitefish	264	264	SCALES		0	PIT	900026000083957	
	4	7495	Mountain whitefish	282	236	SCALES		0	PIT	900026000083761	
	4	7496	Mountain whitefish	306	306	SCALES		0	PIT	900026000084003	
	4	7497	Mountain whitefish	290	220	SCALES		0	PIT	900026000148014	
	4	7498	Largescale sucker	445	1198			0			
	4	7499	Longnose sucker	393	934			0			
	4	7500	Longnose sucker	403	868			0			
	4	7501	Longnose sucker	501	1558			0			
	4	7502	Mountain whitefish	278	214	SCALES		2	PIT	900026000052387	
	4	7503	Mountain whitefish	310	266	SCALES		2	PIT	900026000064382	
	4	7504	Mountain whitefish	316	292	SCALES		2	PIT	965000000071213	
	4	7505	Mountain whitefish	277	236	SCALES		0	PIT	900026000083248	
	4	7506	Mountain whitefish	347	348	SCALES		0	PIT	900026000084062	
	4	7507	Mountain whitefish	294	250	SCALES		0	PIT	900026000148043	
	4	7508	Mountain whitefish	348	340	SCALES		2	PIT	900026000060659	
	4	7509	Mountain whitefish	315	306	SCALES		0	PIT	900026000083739	
	4	7510	Mountain whitefish	287	268	SCALES		0	PIT	900026000148842	
	4	7511	Mountain whitefish	293	288	SCALES		2	PIT	965000000282306	
	4	7512	Mountain whitefish	320	344	SCALES		0	PIT	900026000083246	
	4	7513	Mountain whitefish	247	174	SCALES		0			
	4	7514	Mountain whitefish	237	160	SCALES		0			
	4	7515	Mountain whitefish	393	552	SCALES	10	0	PIT	900026000083208	
	4	7516	Mountain whitefish	279	274	SCALES		0	PIT	900026000083517	
	4	7517	Mountain whitefish	327	314	SCALES		2	FLOY		5927YELLOW
	4	7518	Mountain whitefish	395	550	SCALES		2	PIT	0A00714310	
	4	7519	Mountain whitefish	258	180	SCALES		0	PIT	900026000083219	
	4	7520	Mountain whitefish	254	196	SCALES		0	PIT	900026000083177	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	7521	Mountain whitefish	270	214	SCALES		0	PIT	900026000083557	
	4	7522	Mountain whitefish	286	254	SCALES		0	PIT	900026000083641	
	4	7523	Mountain whitefish	312	294	SCALES		2	PIT	900026000148673	
	4	7524	Mountain whitefish	297	342	SCALES		2	PIT	965000000085208	
	4	7525	Mountain whitefish	262	204	SCALES		0	PIT	900026000083915	
	4	7526	Mountain whitefish	291	328	SCALES		2	PIT	900026000057617	
	4	7527	Mountain whitefish	253	204	SCALES		0	PIT	900026000083892	
	4	7528	Mountain whitefish	280	212	SCALES		0	PIT	900026000148339	
	4	7529	Mountain whitefish	273	248	SCALES		0	PIT	900026000084057	
	4	7530	Mountain whitefish	228	146	SCALES		0			
	4	7531	Kokanee	188	70	SCALES		0			
	4	7532	Mountain whitefish	298	300	SCALES		2	PIT	965000000105177	
	4	7533	Mountain whitefish	267	232	SCALES		2	PIT	965000000108200	
	4	7534	Mountain whitefish	296	278	SCALES	6	2	PIT	965000000110702	
	4	7535	Mountain whitefish	297	260	SCALES		2	PIT	965000000071663	
	4	7536	Mountain whitefish	277	236	SCALES		2	PIT	900026000056048	
	4	7537	Mountain whitefish	292	228	SCALES		0	PIT	900026000083384	
	4	7538	Mountain whitefish	247	198	SCALES		0			
	4	7539	Mountain whitefish	286	250	SCALES		2	PIT	965000000071682	
	4	7540	Mountain whitefish	314	302	SCALES		2	FLOY	14471	WHITE
	4	7541	Mountain whitefish	253	192	SCALES		0	PIT	900026000084021	
	4	7542	Mountain whitefish	251	176	SCALES		0	PIT	900026000084140	
	4	7543	Mountain whitefish	313	334	SCALES		0	PIT	900026000083457	
	4	7544	Mountain whitefish	283	284	SCALES		0	PIT	900026000148164	
	4	7545	Mountain whitefish	238	162	SCALES		0			
	4	7546	Mountain whitefish	275	250	SCALES		0	PIT	900026000084113	
	4	7547	Bull trout	220	108	FS	4	0	PIT	900026000083768	
	4	7548	Bull trout	215	98	FS	3	0	PIT	900026000083790	
	4	7549	Bull trout	222	122	FS	4	0	PIT	900026000083574	
	4	7550	Bull trout	250	186	FS	3	0	PIT	900026000084024	
	4	7551	Mountain whitefish	268	204	SCALES		0	PIT	900026000084127	
	4	7552	Mountain whitefish	245	178	SCALES		0			
	4	7553	Mountain whitefish	284	212	SCALES		0	PIT	900026000083893	
	4	7554	Mountain whitefish	258	186	SCALES		0	PIT	900026000083210	
	4	7555	Mountain whitefish	278	244	SCALES		0	PIT	900026000084056	
	4	7556	Mountain whitefish	303	290	SCALES		2	PIT	965000000241662	
	4	7557	Mountain whitefish	210	120	SCALES		0			
	4	7558	Mountain whitefish	197	94	SCALES		0			
	4	7559	Mountain whitefish	313	244	SCALES		2	PIT	965000000239007	
	4	7560	Mountain whitefish	290	298	SCALES		2	PIT	900026000083682	
	4	7561	Mountain whitefish	266	222	SCALES		0	PIT	900026000083342	
	4	7562	Mountain whitefish	280	256	SCALES		0	PIT	900026000083232	
	4	7563	Mountain whitefish	280	236	SCALES		0	PIT	900026000084149	
	4	7564	Mountain whitefish	285	284	SCALES		0	PIT	900026000084106	
	4	7565	Mountain whitefish	275	234	SCALES		0	PIT	900026000083504	
	4	7566	Mountain whitefish	270	218	SCALES		0	PIT	900026000083661	
	4	7567	Mountain whitefish	275	238	SCALES	4	2	PIT	965000000107383	
	4	7568	Mountain whitefish	268	232	SCALES		0	PIT	900026000084075	
	4	7569	Mountain whitefish	344	372	SCALES		0	PIT	900026000083854	
	4	7570	Mountain whitefish	267	208	SCALES		0	PIT	900026000148766	
	4	7571	Mountain whitefish	282	246	SCALES		0	PIT	900026000083462	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	4	7572	Mountain whitefish	290	234	SCALES		0	PIT	900026000083832	
	4	7573	Rainbow trout	347	542	SCALES		0	PIT	900026000083671	
	4	7574	Mountain whitefish	265	220	SCALES		2	PIT	900026000148546	
	4	7575	Mountain whitefish	357	424	SCALES		2	PIT	900026000052221	
	4	7576	Mountain whitefish	323	356	SCALES		0	PIT	900026000084150	
	4	7577	Mountain whitefish	283	248	SCALES		2	PIT	965000000089944	
	4	7578	Mountain whitefish	257	180	SCALES		0	PIT	900026000033506	
	4	7579	Mountain whitefish	272	212	SCALES		2	PIT	965000000280947	
	4	7580	Mountain whitefish	320	296	SCALES		2	PIT	4D00014437	
	4	7581	Mountain whitefish	280	230	SCALES		0	PIT	900026000147462	
	4	7582	Mountain whitefish	281	260	SCALES	5	0	PIT	900026000147837	
	4	7583	Mountain whitefish	283	232	SCALES		0	PIT	900026000052250	
	4	7584	Mountain whitefish	260	254	SCALES		0	PIT	900026000053907	
	4	7585	Mountain whitefish	273	208	SCALES		2	PIT	900026000148651	
	4	7586	Mountain whitefish	268	216	SCALES		0	PIT	900026000147940	
	4	7587	Mountain whitefish	277	228	SCALES	4	0	PIT	900026000053789	
	4	7588	Mountain whitefish	274	212	SCALES	4	2	PIT	965000000080257	
	4	7589	Mountain whitefish	263	206	SCALES		0	PIT	900026000155359	
	4	7590	Mountain whitefish	278	244	SCALES		0	PIT	900026000056370	
	4	7591	Mountain whitefish	285	264	SCALES		0	PIT	900026000052352	
	4	7592	Mountain whitefish	313	272	SCALES		0	PIT	900026000147392	
	4	7593	Mountain whitefish	271	226	SCALES	4	0	PIT	900026000147402	
	4	7594	Mountain whitefish	267	204	SCALES		0	PIT	900026000064079	
	4	7595	Mountain whitefish	252	170	SCALES		0	PIT	900026000053163	
	4	7596	Mountain whitefish	205	108	SCALES		0			
	4	7597	Mountain whitefish	255	186	SCALES		0	PIT	900026000057567	
	4	7598	Mountain whitefish	234	138	SCALES		0			
	4	7599	Mountain whitefish	342	348	SCALES		0	PIT	900026000147629	
	4	7600	Mountain whitefish	305	376	SCALES		0	PIT	900026000055399	
	4	7601	Mountain whitefish	284	264	SCALES		2	PIT	900026000148800	
	4	7602	Mountain whitefish	309	346	SCALES		0	PIT	900026000035275	
	4	7603	Mountain whitefish	323	240	SCALES		2	PIT	965000000007602	
	4	7604	Mountain whitefish	314	298	SCALES		2	PIT	4D00034846	
	4	7605	Mountain whitefish	282	246	SCALES	4	0	PIT	900026000055536	
	4	7606	Mountain whitefish	281	240	SCALES		0	PIT	900026000147264	
	4	7607	Mountain whitefish	293	284	SCALES		2	PIT	965000000068065	
	4	7608	Mountain whitefish	349	530	SCALES		0	PIT	900026000057049	
	4	7609	Mountain whitefish	322	308	SCALES	6	2	PIT	4D00031716	
	4	7610	Mountain whitefish	397	602	SCALES		0	PIT	900026000053979	
	4	7611	Mountain whitefish	285	198	SCALES		0	PIT	900026000055383	
	4	7612	Mountain whitefish	246	220	SCALES		0			
	4	7613	Mountain whitefish	269	216	SCALES		2	PIT	900026000053821	
	4	7614	Mountain whitefish	298	304	SCALES		0	PIT	900026000147391	
	4	7615	Mountain whitefish	427	662	SCALES	11	0	PIT	900026000054117	
	4	7616	Mountain whitefish	293	316	SCALES		2	PIT	900026000083507	
	4	7617	Mountain whitefish	273	232	SCALES		0	PIT	900026000083254	
	4	7618	Mountain whitefish	285	224	SCALES		2	PIT	965000000281617	
	4	7619	Mountain whitefish	272	216	SCALES		0	PIT	900026000083179	
	4	7620	Mountain whitefish	283	260	SCALES		2	PIT	900026000060665	
	4	7621	Mountain whitefish	280	242	SCALES		2	PIT	965000000073185	
0104	5	9022	Mountain whitefish	288				2	PIT	900026000146001	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	5	9023	Mountain whitefish	287				2	PIT	96500000083490	
	5	9024	Mountain whitefish	341				2	PIT	965000000245516	
	5	9025	Mountain whitefish	263				2	PIT	900026000055375	
	5	9026	Mountain whitefish	348				2	PIT	965000000242562	
	5	9027	Mountain whitefish	317				2	FLOY	9448	YELLOW
	5	9028	Mountain whitefish	336				2	PIT	965000000072717	
	5	9029	Mountain whitefish	288				2	PIT	965000000087354	
	5	9030	Mountain whitefish	340				2	FLOY	13021	WHITE
	5	9031	Mountain whitefish	310				2	PIT	900026000062061	
	5	9032	Mountain whitefish	342				2	PIT	965000000244188	
	5	9033	Mountain whitefish	248				2	PIT	900026000055614	
	5	9034	Mountain whitefish	349				2	PIT	900026000051153	
	5	9035	Mountain whitefish	300				2	PIT	900026000055496	
	5	9036	Mountain whitefish	327				2	PIT	965000000093340	
	5	9037	Mountain whitefish	318				2	PIT	965000000080997	
	5	9038	Mountain whitefish	315				2	PIT	900026000060705	
	5	9039	Mountain whitefish	296				2	PIT	965000000244386	
	5	9040	Mountain whitefish	340				2	PIT	900026000065019	
	5	9041	Mountain whitefish	292				2	PIT	900026000054761	
	5	9042	Mountain whitefish	313				2	PIT	900026000064441	
	5	9043	Mountain whitefish	295				2	PIT	965000000110025	
	5	9044	Mountain whitefish	283				2	PIT	900026000146056	
	5	9045	Mountain whitefish	291				2	PIT	965000000069084	
	5	9046	Mountain whitefish	282				2	PIT	900026000065313	
	5	9047	Mountain whitefish	316				2	PIT	0A00744776	
	5	9048	Arctic grayling	256		SCALES	2	0	PIT	900026000083716	
	5	9049	Bull trout	445		FIN RAY	3	0	PIT	900026000083929	
	5	9050	Mountain whitefish	286				2	PIT	900026000064772	
	5	9051	Mountain whitefish	340				2	PIT	965000000245516	
	5	9052	Mountain whitefish	310				2	PIT	965000000248280	
	5	9053	Mountain whitefish	378				2	FLOY	9459	YELLOW
	5	9054	Mountain whitefish	308				2	PIT	900026000065537	
	5	9055	Mountain whitefish	304				2	PIT	965000000246795	
	5	9056	Mountain whitefish	339				2	PIT	900026000148873	
	5	9057	Mountain whitefish	302				2	PIT	900026000064248	
	5	9058	Mountain whitefish	290				2	PIT	965000000240227	
	5	9059	Mountain whitefish	282				2	PIT	965000000077227	
	5	9060	Mountain whitefish	270				2	PIT	900026000053384	
	5	9061	Mountain whitefish	274				2	PIT	900026000148672	
	5	9062	Mountain whitefish	282				2	PIT	900026000054279	
	5	9063	Bull trout	472		FIN RAY	5	0	PIT	900026000148635	
	5	9064	Mountain whitefish	334				2	PIT	900026000052932	
	5	9065	Mountain whitefish	298				2	PIT	900026000053130	
	5	9066	Mountain whitefish	270				2	PIT	900026000056063	
	5	9067	Mountain whitefish	267				2	PIT	900026000148371	
	5	9068	Mountain whitefish	287				2	PIT	900026000061556	
	5	9069	Mountain whitefish	323				2	PIT	965000000241458	
	5	9070	Mountain whitefish	321				2	FLOY	9430	YELLOW
	5	9071	Mountain whitefish	268				2	PIT	900026000054603	
	5	9072	Mountain whitefish	317				2	PIT	965000000071108	
	5	9073	Mountain whitefish	273				2	PIT	900026000148212	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	5	9074	Rainbow trout	288				2	PIT	900026000051346	
	5	9075	Mountain whitefish	351				2	PIT	965000000242774	
	5	9076	Mountain whitefish	298				2	PIT	965000000241395	
	5	9077	Mountain whitefish	382				2	FLOY		5049YELLOW
	5	9078	Mountain whitefish	372				2	PIT	965000000241095	
	5	9079	Mountain whitefish	346				2	PIT	965000000242301	
	5	9080	Mountain whitefish	323				2	PIT	900026000053956	
	5	9081	Mountain whitefish	284				2	PIT	900026000146036	
	5	9082	Mountain whitefish	288				2	PIT	900026000148106	
	5	9083	Mountain whitefish	266				2	PIT	965000000087784	
	5	9084	Mountain whitefish	345				2	PIT	965000000242229	
	5	9085	Mountain whitefish	341				2	PIT	900026000051954	
	5	9086	Mountain whitefish	273				2	PIT	900026000052136	
	5	9087	Mountain whitefish	311				2	PIT	900026000064397	
	5	9088	Mountain whitefish	328				2	PIT	965000000072559	
	5	9089	Mountain whitefish	300				2	PIT	900026000053293	
	5	9090	Mountain whitefish	307				2	PIT	900026000055782	
	5	9091	Mountain whitefish	310				2	PIT	965000000072701	
	5	9092	Mountain whitefish	310				2	PIT	965000000092067	
	5	9093	Mountain whitefish	312				2	PIT	900026000064024	
	5	9094	Mountain whitefish	273				2	PIT	900026000148109	
	5	9095	Mountain whitefish	377				2	PIT	900026000065509	
	5	9096	Mountain whitefish	265				2	PIT	900026000064043	
	5	9097	Mountain whitefish	310				2	PIT	965000000281651	
	5	9098	Mountain whitefish	259				2	PIT	900026000056810	
	5	9099	Mountain whitefish	285				2	PIT	965000000110626	
	5	9100	Mountain whitefish	291				2	PIT	900026000065570	
	5	9101	Mountain whitefish	275				2	PIT	900026000051891	
	5	9102	Mountain whitefish	320				2	PIT	965000000001216	
	5	9103	Mountain whitefish	305				2	PIT	900026000057330	
	5	9104	Mountain whitefish	293				2	PIT	965000000069707	
	5	9105	Mountain whitefish	333				2	PIT	965000000110886	
	5	9106	Mountain whitefish	314				2	PIT	900026000065148	
	5	9107	Mountain whitefish	322				2	PIT	0A00750340	
	5	9108	Mountain whitefish	329				2	PIT	965000000073183	
	5	9109	Mountain whitefish	373				2	PIT	900026000064864	
	5	9110	Mountain whitefish	289				2	PIT	900026000062101	
	5	9111	Mountain whitefish	288				2	PIT	965000000282387	
	5	9112	Mountain whitefish	293				2	PIT	965000000281330	
	5	9113	Mountain whitefish	328				2	PIT	900026000051268	
	5	9114	Mountain whitefish	306				2	PIT	900026000063509	
	5	9115	Mountain whitefish	278				2	PIT	965000000089648	
	5	9116	Mountain whitefish	331				2	PIT	0A00724815	
	5	9117	Mountain whitefish	337				2	PIT	900026000055556	
	5	9118	Mountain whitefish	254				2	PIT	900026000051173	
	5	9119	Mountain whitefish	287				2	PIT	965000000004077	
	5	9120	Mountain whitefish	301				2	PIT	900026000064564	
	5	9121	Mountain whitefish	284				2	PIT	900026000061696	
	5	9122	Lake trout	612		FIN RAY		0	PIT	900026000083600	
	5	9123	Mountain whitefish	359				2	PIT	900026000146155	
	5	9124	Mountain whitefish	326				2	PIT	900026000053542	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0119	5	9125	Mountain whitefish	295			2	PIT	900026000055870	
	0119	5	9126	Rainbow trout	251			0			
	0119	5	9127	Mountain whitefish	325			2	PIT	900026000054037	
	0119	5	9128	Mountain whitefish	334			2			
	0119	5	9129	Mountain whitefish	273			2	PIT	900026000055215	
	0119	5	9130	Mountain whitefish	329			2	PIT	900026000148739	
	0119	5	9131	Rainbow trout	225			0			
	0119	5	9132	Bull trout	183	SCALES	2	0			
	0107	5	9133	Mountain whitefish	264			2	PIT	900026000056243	
	0107	5	9134	Mountain whitefish	295			2	PIT	96500000243323	
	0107	5	9135	Mountain whitefish	293			2	PIT	900026000148663	
	0107	5	9136	Mountain whitefish	287			2	PIT	900026000147901	
	0107	5	9137	Mountain whitefish	323			2	PIT	965000000246094	
	0107	5	9138	Mountain whitefish	282			2	PIT	900026000147724	
	0107	5	9139	Rainbow trout	248			0			
	0107	5	9140	Mountain whitefish	301			2	PIT	900026000056104	
	0107	5	9141	Mountain whitefish	300			2	PIT	900026000064638	
	0108	5	9142	Mountain whitefish	321			2	PIT	900026000055852	
	0108	5	9143	Mountain whitefish	301			2	PIT	900026000065132	
	0108	5	9144	Mountain whitefish	324	SO		3	PIT	900026000054065	
	0108	5	9145	Mountain whitefish	267			2	PIT	900026000083521	
	0108	5	9146	Mountain whitefish	284			2	PIT	965000000110201	
	0109	5	9147	Mountain whitefish	284			2	PIT	900026000055135	
	0109	5	9148	Mountain whitefish	324			2	PIT	965000000245501	
	0109	5	9149	Mountain whitefish	350			2	PIT	965000000238800	
	0109	5	9150	Mountain whitefish	327			2	PIT	0A00720743	
	0109	5	9151	Mountain whitefish	300			2	PIT	0A00726534	
	0109	5	9152	Mountain whitefish	311			2	PIT	965000000239099	
	0109	5	9153	Mountain whitefish	285			2	PIT	900026000061199	
	0109	5	9154	Mountain whitefish	298			2	PIT	965000000090195	
	0109	5	9155	Mountain whitefish	287			2	PIT	965000000072562	
	0109	5	9156	Mountain whitefish	274			2	PIT	965000000076821	
	0109	5	9157	Mountain whitefish	264			2	PIT	900026000083745	
	0109	5	9158	Bull trout	241	FS	3	0	PIT	900026000083497	
	0110	5	9159	Mountain whitefish	269			2	PIT	900026000083904	
	0110	5	9160	Mountain whitefish	317			2	FLOY	15472	WHITE
	0110	5	9161	Mountain whitefish	276			2	PIT	900026000065093	
	0110	5	9162	Mountain whitefish	298			2	PIT	900026000065132	
	0110	5	9163	Mountain whitefish	430			2	FLOY	3127	ORANGE
	0110	5	9164	Mountain whitefish	280			2	PIT	900026000052035	
	0110	5	9165	Mountain whitefish	297			2	PIT	900026000065235	
	0110	5	9166	Mountain whitefish	323			2	PIT	900026000052713	
	0110	5	9167	Mountain whitefish	255			2	PIT	900026000055893	
	0110	5	9168	Mountain whitefish	290			2	PIT	900026000056666	
	0110	5	9169	Mountain whitefish	311			2	PIT	900026000054007	
	0110	5	9170	Mountain whitefish	253			2	PIT	900026000055233	
	0110	5	9171	Mountain whitefish	204			2	PIT	965000000281983	
	0110	5	9172	Mountain whitefish	335			2	PIT	900026000051680	
	0110	5	9173	Mountain whitefish	263			2	PIT	900026000146089	
	0110	5	9174	Mountain whitefish	283			2	PIT	900026000084040	
	0110	5	9175	Mountain whitefish	291			2	PIT	900026000057287	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	5	9176	Mountain whitefish	284				2	PIT	900026000148593	
	5	9177	Bull trout	394		FIN RAY	4	0	PIT	900026000148347	
	5	9178	Mountain whitefish	274				2	PIT	900026000060554	
	5	9179	Mountain whitefish	270				2	PIT	965000000246405	
	5	9180	Mountain whitefish	299				2	PIT	900026000148313	
	5	9181	Mountain whitefish	284				2	PIT	900026000148225	
	5	9182	Mountain whitefish	327				2	PIT	900026000053990	
	5	9183	Mountain whitefish	270				2	PIT	900026000148157	
	5	9184	Mountain whitefish	268				2	PIT	900026000055329	
	5	9185	Mountain whitefish	268				2	PIT	965000000081347	
	5	9186	Mountain whitefish	355				2	PIT	965000000242918	
	5	9187	Mountain whitefish	356				2	FLOY	13445	WHITE
	5	9188	Mountain whitefish	344				2	PIT	900026000055874	
	5	9189	Rainbow trout	184				0			
	5	9190	Mountain whitefish	324				2	PIT	900026000061313	
	5	9191	Mountain whitefish	293				2	PIT	900026000147608	
	5	9192	Mountain whitefish	293				2	PIT	900026000056205	
	5	9193	Mountain whitefish	318				2	PIT	965000000069178	
	5	9194	Mountain whitefish	282				2	PIT	965000000282040	
	5	9195	Mountain whitefish	318				2	PIT	965000000091936	
	5	9196	Mountain whitefish	279				2	PIT	965000000084262	
	5	9197	Mountain whitefish	277				2	PIT	900026000083248	
	5	9198	Mountain whitefish	307				2	FLOY	8279	YELLOW
	5	9199	Mountain whitefish	280				2	PIT	965000000281013	
	5	9200	Mountain whitefish	302				2	PIT	965000000247569	
	5	9201	Mountain whitefish	257				2	PIT	900026000148529	
	5	9202	Mountain whitefish	278				2	PIT	965000000278760	
	5	9203	Mountain whitefish	286				2	PIT	965000000070823	
	5	9204	Mountain whitefish	330				2	PIT	4D00026960	
	5	9205	Mountain whitefish	289				2	PIT	965000000072171	
	5	9206	Mountain whitefish	281				2	PIT	965000000086201	
	5	9207	Mountain whitefish	280				2	PIT	900026000051493	
	5	9208	Mountain whitefish	302				2	PIT	965000000072267	
	5	9209	Mountain whitefish	274				2	PIT	965000000112348	
	5	9210	Mountain whitefish	277				2	PIT	900026000148428	
	5	9211	Mountain whitefish	326				2	PIT	965000000238596	
	5	9212	Mountain whitefish	278				2	PIT	900026000060674	
	5	9213	Rainbow trout	223				0			
	5	9214	Mountain whitefish	289				2	PIT	900026000051895	
	5	9215	Mountain whitefish	297				2	PIT	900026000148043	
	5	9216	Mountain whitefish	304				2	PIT	900026000051673	
	5	9217	Mountain whitefish	295				2	PIT	965000000084518	
	5	9218	Mountain whitefish	283				2	PIT	965000000281013	
	5	9219	Mountain whitefish	316				2	PIT	900026000148201	
	5	9220	Mountain whitefish	305				2	PIT	965000000282873	
	5	9221	Mountain whitefish	318				2	PIT	965000000247951	
	5	9222	Mountain whitefish	296				2	PIT	965000000089493	
	5	9223	Mountain whitefish	259				2	PIT	900026000055259	
	5	9224	Mountain whitefish	321				2	PIT	900026000054332	
	5	9225	Mountain whitefish	277				2	PIT	900026000060376	
	5	9226	Mountain whitefish	301				2	PIT	965000000085208	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	5	9227	Mountain whitefish	283				2	PIT	900026000083761	
	5	9228	Mountain whitefish	271				2	PIT	900026000052353	
	5	9229	Mountain whitefish	311				2	PIT	965000000245666	
	5	9230	Mountain whitefish	310				2	PIT	965000000281081	
	5	9231	Mountain whitefish	276				2	PIT	965000000086201	
	5	9232	Mountain whitefish	272				2	PIT	900026000148535	
	5	9233	Mountain whitefish	335				2	PIT	965000000078577	
	5	9234	Mountain whitefish	299				2	PIT	900026000055266	
	5	9235	Mountain whitefish	267				2	PIT	900026000053907	
	5	9236	Mountain whitefish	334				2	FLOY	8220	YELLOW
	5	9237	Mountain whitefish	302				2	FLOY	13310	WHITE
	5	9238	Mountain whitefish	274				2	PIT	900026000051565	
	5	9239	Mountain whitefish	343				2	PIT	900026000051520	
	5	9240	Mountain whitefish	315				2	PIT	900026000051301	
	5	9241	Mountain whitefish	287				2	PIT	965000000091993	
	5	9242	Mountain whitefish	314				2	PIT	900026000057036	
	5	9243	Mountain whitefish	289				2	PIT	900026000055972	
	5	9244	Mountain whitefish	290				2	PIT	965000000065582	
	5	9245	Mountain whitefish	274				2	PIT	900026000148217	
	5	9246	Mountain whitefish	282				2	PIT	900026000148807	
	5	9247	Mountain whitefish	256				2	PIT	900026000083979	
	5	9248	Rainbow trout	263				0			
	5	9249	Bull trout	473		FIN RAY	6	0	PIT	900026000083167	
	5	9250	Mountain whitefish	324				2	PIT	965000000244929	
	5	9251	Bull trout	463		FIN RAY	3	0	PIT	900026000148869	
	5	9252	Mountain whitefish	286				2	PIT	965000000072618	
	5	9253	Mountain whitefish	321				2	PIT	0A00743070	
	5	9254	Mountain whitefish	280				2	PIT	900026000148107	
	5	9255	Mountain whitefish	349				2	PIT	965000000111337	
	5	9256	Mountain whitefish	257				2	PIT	900026000148475	
	5	9257	Mountain whitefish	308				2	PIT	965000000069424	
	5	9258	Mountain whitefish	310				2	PIT	965000000069729	
	5	9259	Mountain whitefish	292				2	PIT	965000000068479	
	5	9260	Mountain whitefish	327				2	PIT	900026000084150	
	5	9261	Walleye	485		FIN RAY		0	PIT	900026000083888	
	5	9262	Mountain whitefish	325				2	PIT	965000000090486	
	5	9263	Mountain whitefish	302				2	PIT	900026000148297	
	5	9264	Mountain whitefish	334				2	PIT	965000000105689	
	5	9265	Mountain whitefish	300				2	PIT	965000000087568	
	5	9266	Mountain whitefish	358				2	FLOY	13357	WHITE
	5	9267	Mountain whitefish	275				2	PIT	900026000054559	
	5	9268	Rainbow trout	224				0			
	5	9269	Rainbow trout	263				0			
	5	9270	Mountain whitefish	290				2	PIT	900026000057021	
	5	9271	Mountain whitefish	314				2	PIT	4D00034056	
	5	9272	Mountain whitefish	303				2	PIT	965000000008798	
	5	9273	Mountain whitefish	297				2	PIT	965000000282504	
	5	9274	Mountain whitefish	278				2	PIT	965000000089059	
	5	9275	Mountain whitefish	288				2	PIT	900026000064413	
	5	9276	Mountain whitefish	343				2	PIT	965000000239309	
	5	9277	Mountain whitefish	283				2	PIT	900026000083446	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	5	9278	Mountain whitefish	297				2	PIT	965000000108933	
	5	9279	Mountain whitefish	275				2	PIT	900026000035052	
	5	9280	Mountain whitefish	260				2	PIT	900026000155359	
	5	9281	Mountain whitefish	303				2	PIT	965000000247959	
	5	9282	Mountain whitefish	272				2	PIT	965000000280947	
	5	9283	Bull trout	291		FIN RAY	4	0	PIT	900026000083619	
	5	9284	Bull trout	201		FIN RAY	2	0			
	5	9286	Mountain whitefish	268		SO		9			
	5	9287	Mountain whitefish	278				2	PIT	900026000146288	
	5	9288	Mountain whitefish	339				2	PIT	900026000053920	
	6	11439	Mountain whitefish	347				2	PIT	900026000051153	
	6	11440	Mountain whitefish	338				2	PIT	900026000055826	
	6	11441	Mountain whitefish	341				2	PIT	900026000061101	
	6	11442	Mountain whitefish	318				2	PIT	900026000061755	
	6	11443	Mountain whitefish	253				2	PIT	900026000146284	
	6	11444	Mountain whitefish	267				2	PIT	900026000053384	
	6	11445	Mountain whitefish	302				2	PIT	900026000055476	
	6	11446	Mountain whitefish	288				2	PIT	900026000052295	
	6	11447	Mountain whitefish	303				2	PIT	965000000072054	
	6	11448	Mountain whitefish	301				2	PIT	965000000085831	
	6	11449	Mountain whitefish	350				2	FLOY	5008YELLOW	
	6	11450	Mountain whitefish	331				2	PIT	965000000107978	
	6	11451	Mountain whitefish	274				2	PIT	900026000051476	
	6	11452	Mountain whitefish	275				2	PIT	900026000063298	
	6	11453	Mountain whitefish	338				2	FLOY	13021	WHITE
	6	11454	Mountain whitefish	302				2	PIT	4D00033712	
	6	11455	Mountain whitefish	333				2	PIT	965000000087226	
	6	11456	Mountain whitefish	312				2	PIT	900026000062083	
	6	11457	Mountain whitefish	302				2	PIT	965000000088941	
	6	11458	Mountain whitefish	317				2	PIT	965000000240110	
	6	11459	Mountain whitefish	273				2	PIT	900026000083346	
	6	11460	Mountain whitefish	264				2	PIT	900026000053873	
	6	11461	Rainbow trout	285				2	PIT	900026000051346	
	6	11462	Mountain whitefish	336				2	PIT	900026000055826	
	6	11463	Mountain whitefish	330				2	PIT	965000000282634	
	6	11464	Mountain whitefish	389				2	PIT	965000000069730	
	6	11465	Mountain whitefish	302				2	PIT	965000000240996	
	6	11466	Rainbow trout	272				0			
	6	11467	Mountain whitefish	296				2	PIT	900026000053130	
	6	11468	Mountain whitefish	348				2	PIT	900026000065159	
	6	11469	Mountain whitefish	304				2	PIT	900026000055476	
	6	11470	Mountain whitefish	352				2	PIT	965000000242510	
	6	11471	Mountain whitefish	303				2	PIT	965000000077516	
	6	11472	Mountain whitefish	268				2	PIT	900026000148371	
	6	11473	Rainbow trout	318				0			
	6	11474	Mountain whitefish	287				2	PIT	965000000110025	
	6	11475	Rainbow trout	294				0			
	6	11476	Mountain whitefish	299				2	PIT	965000000085464	
	6	11477	Mountain whitefish	277				2	PIT	900026000052741	
	6	11478	Mountain whitefish	298				2	PIT	965000000239368	
	6	11479	Rainbow trout	275				0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0103	6	11480	Bull trout	350		FIN RAY	4	0	PIT	900026000147572
	0103	6	11481	Bull trout	532			6	2	PIT	900026000052736
	0105	6	11482	Rainbow trout	222				0		
	0105	6	11483	Mountain whitefish	309				2	PIT	965000000080503
	0105	6	11484	Mountain whitefish	388				2	PIT	900026000146219
	0105	6	11485	Mountain whitefish	349				2	PIT	965000000242774
	0105	6	11486	Mountain whitefish	313				2	FLOY	13041 WHITE
	0105	6	11487	Mountain whitefish	358				2	PIT	900026000063515
	0105	6	11488	Bull trout	234		FS	3	0	PIT	900026000147927
	0105	6	11489	Bull trout	505		FIN RAY	5	0	PIT	900026000147834
	0105	6	11490	Mountain whitefish	278				2	PIT	965000000085377
	0105	6	11491	Mountain whitefish	340		SO		9		
	0101	6	11492	Mountain whitefish	335				2	PIT	965000000085412
	0101	6	11493	Mountain whitefish	303				2	PIT	965000000247787
	0101	6	11494	Mountain whitefish	338				2	PIT	965000000239773
	0101	6	11495	Mountain whitefish	305				2	PIT	965000000069433
	0101	6	11496	Mountain whitefish	284				2	PIT	900026000065397
	0101	6	11497	Mountain whitefish	306				2	PIT	965000000109843
	0101	6	11498	Mountain whitefish	304				2	PIT	900026000055379
	0101	6	11499	Mountain whitefish	342				2	FLOY	8041 YELLOW
	0101	6	11500	Mountain whitefish	273				2	PIT	900026000060568
	0101	6	11501	Mountain whitefish	322				2	PIT	965000000244831
	0101	6	11502	Mountain whitefish	308				2	PIT	965000000091959
	0101	6	11503	Mountain whitefish	310				2	PIT	4D00032973
	0101	6	11504	Mountain whitefish	307				2	PIT	965000000084188
	0101	6	11505	Mountain whitefish	309				2	PIT	965000000084711
	0101	6	11506	Mountain whitefish	297				2	PIT	965000000092834
	0101	6	11507	Mountain whitefish	290				2	PIT	900026000061176
	0101	6	11508	Mountain whitefish	317				2	PIT	965000000244359
	0101	6	11509	Mountain whitefish	353				2	PIT	900026000055619
	0101	6	11510	Mountain whitefish	300				2	PIT	965000000248284
	0101	6	11511	Mountain whitefish	352				2	PIT	0A00727546
	0101	6	11512	Mountain whitefish	315				2	PIT	965000000246475
	0101	6	11513	Mountain whitefish	266				2	PIT	965000000281069
	0101	6	11514	Mountain whitefish	284				2	PIT	965000000282003
	0101	6	11515	Mountain whitefish	262				2	PIT	900026000055202
	0102	6	11516	Mountain whitefish	345				2	PIT	965000000083998
	0102	6	11517	Rainbow trout	360				0		
	0102	6	11518	Mountain whitefish	323				2	PIT	965000000247940
	0102	6	11519	Mountain whitefish	304				2	PIT	965000000243082
	0102	6	11520	Mountain whitefish	321				2	PIT	965000000080976
	0102	6	11521	Mountain whitefish	290				2	PIT	965000000068949
	0102	6	11522	Mountain whitefish	292				2	PIT	965000000244899
	0102	6	11523	Mountain whitefish	301				2	FLOY	9605 YELLOW
	0102	6	11524	Mountain whitefish	282				2	PIT	965000000068063
	0102	6	11525	Mountain whitefish	294				2	PIT	900026000061261
	0102	6	11526	Mountain whitefish	286				2	PIT	900026000052080
	0102	6	11527	Mountain whitefish	318				2	PIT	965000000069361
	0102	6	11528	Mountain whitefish	293				2	PIT	965000000281147
	0102	6	11529	Mountain whitefish	276				2	PIT	965000000281859
	0102	6	11530	Mountain whitefish	318				2	PIT	965000000247758

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0102	6	11531	Mountain whitefish	393			2	FLOY	9576	YELLOW
	0102	6	11532	Mountain whitefish	295			2	PIT	96500000072653	
	0102	6	11533	Mountain whitefish	333			2	PIT	965000000069019	
	0102	6	11534	Mountain whitefish	300			2	PIT	965000000086427	
	0119	6	11535	Mountain whitefish	295			2	PIT	900026000148919	
	0119	6	11536	Mountain whitefish	328			2	PIT	900026000055771	
	0119	6	11537	Mountain whitefish	297			2	PIT	900026000063658	
	0119	6	11538	Rainbow trout	304	SO		9			
	0119	6	11539	Mountain whitefish	291			2	PIT	900026000056666	
	0119	6	11540	Mountain whitefish	345			2	FLOY	12042	WHITE
	0119	6	11541	Mountain whitefish	292			2	PIT	900026000055360	
	0119	6	11542	Mountain whitefish	320			2	PIT	900026000148955	
	0119	6	11543	Mountain whitefish	317			2	PIT	900026000033559	
	0119	6	11544	Mountain whitefish	267			2	PIT	900026000055576	
	0119	6	11545	Mountain whitefish	362			2	PIT	900026000051320	
	0119	6	11546	Mountain whitefish	309			2	PIT	900026000146275	
	0119	6	11547	Rainbow trout	199			0			
	0107	6	11548	Mountain whitefish	319			2	PIT	4D00024316	
	0107	6	11549	Mountain whitefish	315			2	PIT	965000000090489	
	0107	6	11550	Mountain whitefish	300			2	PIT	965000000246338	
	0107	6	11551	Mountain whitefish	288			2	PIT	900026000147901	
	0107	6	11552	Mountain whitefish	270			2	PIT	900026000055440	
	0107	6	11553	Mountain whitefish	310			2	PIT	0A00745305	
	0107	6	11554	Mountain whitefish	282			2	PIT	965000000245808	
	0107	6	11555	Rainbow trout	214			0			
	0107	6	11556	Mountain whitefish	291			2	PIT	900026000061516	
	0107	6	11557	Mountain whitefish	305			2	PIT	900026000155021	
	0107	6	11558	Mountain whitefish	317			2	PIT	965000000242352	
	0107	6	11559	Mountain whitefish	284			2	PIT	900026000148741	
	0107	6	11560	Mountain whitefish	291			2	PIT	900026000083259	
	0107	6	11561	Rainbow trout	178			0			
	0107	6	11562	Mountain whitefish	280			2	PIT	900026000061957	
	0107	6	11563	Rainbow trout	202			0			
	0108	6	11564	Mountain whitefish	290			2	PIT	965000000245720	
	0108	6	11565	Mountain whitefish	354			2	PIT	900026000148599	
	0108	6	11566	Mountain whitefish	433			2	PIT	965000000243092	
	0108	6	11567	Mountain whitefish	335			2	FLOY	14250	WHITE
	0108	6	11568	Mountain whitefish	342			2	PIT	900026000065248	
	0108	6	11569	Mountain whitefish	311			2	PIT	965000000088237	
	0108	6	11570	Mountain whitefish	281			2	PIT	96500000004766	
	0108	6	11571	Mountain whitefish	319			2	PIT	4D00024316	
	0108	6	11572	Mountain whitefish	270			2	PIT	900026000055682	
	0108	6	11573	Mountain whitefish	308			2	PIT	900026000051315	
	0108	6	11574	Mountain whitefish	290			2	PIT	900026000061993	
	0109	6	11575	Mountain whitefish	304			2	PIT	965000000246559	
	0109	6	11576	Mountain whitefish	287			2	PIT	900026000148333	
	0109	6	11577	Rainbow trout	353			0			
	0109	6	11578	Mountain whitefish	290			2	PIT	900026000064265	
	0109	6	11579	Mountain whitefish	325			2	FLOY	15185	WHITE
	0109	6	11580	Mountain whitefish	296			2	PIT	900026000148095	
	0109	6	11581	Mountain whitefish	257			2	PIT	900026000147574	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0110	6	11582	Mountain whitefish	291			2	PIT	900026000057287	
	0110	6	11583	Mountain whitefish	303			2	PIT	965000000109960	
	0110	6	11584	Mountain whitefish	305			2	PIT	965000000093120	
	0110	6	11585	Mountain whitefish	247			2	PIT	900026000147540	
	0110	6	11586	Mountain whitefish	276			2	PIT	900026000064566	
	0110	6	11587	Mountain whitefish	282			2	PIT	900026000056254	
	0110	6	11588	Mountain whitefish	296			2	PIT	965000000110622	
	0110	6	11589	Mountain whitefish	336			2	PIT	900026000061774	
	0110	6	11590	Mountain whitefish	345			2	PIT	900026000055270	
	0110	6	11591	Mountain whitefish	290			2	PIT	965000000248133	
	0110	6	11592	Mountain whitefish	290			2	PIT	900026000146277	
	0110	6	11593	Mountain whitefish	203			2	PIT	900026000065539	
	0110	6	11594	Mountain whitefish	253			2	PIT	900026000055233	
	0110	6	11595	Mountain whitefish	270			2	PIT	900026000052512	
	0110	6	11596	Rainbow trout	285			2	PIT	900026000056500	
	0110	6	11597	Rainbow trout	220			0			
	0110	6	11598	Bull trout	493	FIN RAY	5	0	PIT	900026000147831	
	0111	6	11599	Walleye	374	FIN RAY		0	PIT	900026000147321	
	0111	6	11600	Mountain whitefish	294			2	PIT	900026000052628	
	0111	6	11601	Mountain whitefish	276			2	PIT	900026000083654	
	0111	6	11602	Mountain whitefish	291			2	PIT	900026000065571	
	0111	6	11603	Mountain whitefish	364			2	PIT	965000000104964	
	0111	6	11604	Mountain whitefish	328			2	PIT	900026000053990	
	0111	6	11605	Mountain whitefish	311			2	PIT	965000000245060	
	0111	6	11606	Mountain whitefish	298			2	PIT	900026000064323	
	0111	6	11607	Mountain whitefish	280			2	PIT	900026000034627	
	0111	6	11608	Mountain whitefish	290			2	PIT	965000000238832	
	0111	6	11609	Mountain whitefish	296			2	PIT	900026000063881	
	0111	6	11610	Mountain whitefish	331			2	PIT	965000000088324	
	0111	6	11611	Mountain whitefish	375			2	PIT	900026000083606	
	0111	6	11612	Mountain whitefish	284			2	PIT	900026000064706	
	0111	6	11613	Mountain whitefish	295			2	PIT	900026000035012	
	0111	6	11614	Mountain whitefish	278			2	PIT	900026000083159	
	0111	6	11615	Mountain whitefish	240			2	PIT	900026000055685	
	0111	6	11616	Mountain whitefish	311			2	PIT	4D00035456	
	0111	6	11617	Mountain whitefish	304			2	PIT	900026000035318	
	0111	6	11618	Mountain whitefish	269			2	PIT	900026000055984	
	0111	6	11619	Mountain whitefish	287			2	PIT	965000000071279	
	0111	6	11620	Mountain whitefish	319			2	PIT	965000000085480	
	0111	6	11621	Mountain whitefish	270			2	PIT	900026000148157	
	0111	6	11622	Mountain whitefish	295			2	PIT	900026000148313	
	0111	6	11623	Mountain whitefish	292			2	PIT	900026000034502	
	0111	6	11624	Mountain whitefish	327			2	PIT	965000000247216	
	0111	6	11625	Mountain whitefish	256			2	PIT	900026000083372	
	0111	6	11626	Rainbow trout	334			0			
	0111	6	11627	Mountain whitefish	278			2	PIT	900026000060554	
	0111	6	11628	Mountain whitefish	318			2	PIT	900026000051299	
	0111	6	11629	Rainbow trout	292			0			
	0111	6	11630	Bull trout	220	FS	3	0	PIT	900026000147354	
	0111	6	11631	Mountain whitefish	325	SO	6	9			
	0113	6	11633	Mountain whitefish	284			2	PIT	965000000081232	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	6	11634	Mountain whitefish	323				2	PIT	0A00726544	
	6	11635	Mountain whitefish	315				2	PIT	900026000148661	
	6	11636	Mountain whitefish	341				2	PIT	900026000061038	
	6	11637	Mountain whitefish	315				2	FLOY	15460	WHITE
	6	11638	Mountain whitefish	340				2	PIT	900026000063679	
	6	11639	Mountain whitefish	268				2	PIT	900026000055576	
	6	11640	Mountain whitefish	328				2	PIT	965000000239616	
	6	11641	Mountain whitefish	321				2	PIT	900026000083520	
	6	11642	Mountain whitefish	281				2	PIT	965000000247716	
	6	11643	Mountain whitefish	305				2	PIT	965000000089552	
	6	11644	Mountain whitefish	301				2	PIT	965000000247569	
	6	11645	Mountain whitefish	305				2	PIT	965000000247512	
	6	11646	Mountain whitefish	279				2	PIT	900026000055534	
	6	11647	Mountain whitefish	332				2	PIT	900026000056662	
	6	11648	Mountain whitefish	302				2	PIT	965000000248104	
	6	11649	Mountain whitefish	285				2	PIT	900026000051898	
	6	11650	Mountain whitefish	255				2	PIT	900026000061779	
	6	11651	Mountain whitefish	334				2	FLOY	14507	WHITE
	6	11652	Mountain whitefish	295				2	PIT	965000000108933	
	6	11653	Mountain whitefish	270				2	PIT	900026000083939	
	6	11654	Mountain whitefish	274				2	PIT	965000000068449	
	6	11655	Mountain whitefish	272				2	PIT	900026000060663	
	6	11656	Mountain whitefish	256				2	PIT	900026000083792	
	6	11657	Mountain whitefish	284				2	PIT	965000000282607	
	6	11658	Mountain whitefish	291				2	PIT	965000000114188	
	6	11659	Mountain whitefish	258				2	PIT	900026000148409	
	6	11660	Mountain whitefish	308				2	PIT	965000000072344	
	6	11661	Mountain whitefish	304				2	PIT	900026000083759	
	6	11662	Bull trout	404		FIN RAY	3	0	PIT	900026000052283	
	6	11663	Mountain whitefish	314				2	PIT	965000000072326	
	6	11664	Mountain whitefish	291				2	PIT	965000000107288	
	6	11665	Mountain whitefish	270				2	PIT	900026000035339	
	6	11666	Mountain whitefish	321				2	PIT	965000000247418	
	6	11667	Mountain whitefish	280				2	PIT	965000000281055	
	6	11668	Mountain whitefish	306				2	PIT	965000000084788	
	6	11669	Mountain whitefish	292				2	PIT	965000000239677	
	6	11670	Mountain whitefish	277				2	PIT	965000000093871	
	6	11671	Mountain whitefish	261				2	PIT	900026000051850	
	6	11672	Mountain whitefish	377				2	PIT	965000000282511	
	6	11673	Mountain whitefish	278				2	PIT	965000000086201	
	6	11674	Mountain whitefish	294				2	PIT	900026000056117	
	6	11675	Mountain whitefish	349				2	PIT	900026000056153	
	6	11676	Mountain whitefish	365				2	FLOY	5256	YELLOW
	6	11677	Mountain whitefish	305				2	PIT	900026000056001	
	6	11678	Mountain whitefish	301				2	PIT	900026000055214	
	6	11679	Mountain whitefish	276				2	PIT	900026000062104	
	6	11680	Mountain whitefish	311				2	PIT	965000000281844	
	6	11681	Mountain whitefish	310				2	PIT	965000000246547	
	6	11682	Mountain whitefish	336				2	FLOY	4524	YELLOW
	6	11683	Mountain whitefish	326				2	PIT	965000000078577	
	6	11684	Mountain whitefish	275				2	PIT	965000000077247	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
1											
	0112	6	11685	Mountain whitefish	322			2	PIT	900026000053958	
	0112	6	11686	Mountain whitefish	279			2	PIT	965000000281345	
	0112	6	11687	Mountain whitefish	317			2	PIT	965000000089385	
	0112	6	11688	Mountain whitefish	305			2	PIT	900026000083653	
	0112	6	11689	Mountain whitefish	306			2	PIT	900026000065610	
	0112	6	11690	Mountain whitefish	353			2	PIT	900026000053937	
	0112	6	11691	Mountain whitefish	282			2	PIT	900026000148963	
	0112	6	11692	Mountain whitefish	289			2	PIT	900026000060772	
	0112	6	11693	Mountain whitefish	305			2	PIT	965000000247512	
	0112	6	11694	Mountain whitefish	286			2	PIT	900026000064876	
	0112	6	11695	Mountain whitefish	311			2	PIT	0A00722056	
	0112	6	11696	Mountain whitefish	279			2	PIT	965000000070982	
	0114	6	11697	Mountain whitefish	300			2	FLOY		835YELLOW
	0114	6	11698	Rainbow trout	222			0			
	0114	6	11699	Mountain whitefish	300			2	PIT	965000000071069	
	0114	6	11700	Mountain whitefish	312			2	PIT	900026000147392	
	0114	6	11701	Mountain whitefish	313			2	PIT	965000000239316	
	0114	6	11702	Mountain whitefish	313			2	PIT	900026000083759	
	0114	6	11703	Mountain whitefish	296			2	PIT	965000000239044	
	0114	6	11704	Mountain whitefish	255			2	PIT	900026000055259	
	0114	6	11705	Mountain whitefish	325			2	PIT	900026000148796	
	0114	6	11706	Mountain whitefish	285			2	PIT	900026000061255	
	0114	6	11707	Mountain whitefish	304			2	PIT	0A00711306	
	0114	6	11708	Mountain whitefish	304			2	PIT	4D00024555	
	0114	6	11709	Mountain whitefish	281			2	PIT	965000000072661	
	0114	6	11710	Mountain whitefish	272			2	PIT	900026000148445	
	0114	6	11711	Mountain whitefish	254			2	PIT	900026000053163	
	0114	6	11712	Mountain whitefish	342			2	PIT	965000000009332	
	0114	6	11713	Mountain whitefish	288			2	PIT	900026000061367	
	0114	6	11714	Mountain whitefish	303			2	PIT	900026000148297	
	0114	6	11715	Mountain whitefish	330			2	PIT	965000000238848	
	0114	6	11716	Mountain whitefish	313			2	PIT	965000000086643	
	0114	6	11717	Mountain whitefish	258			2	PIT	900026000146164	
3											
	0302	1	836	Longnose sucker	452			1052		0	
	0302	1	837	Rainbow trout	162			50	SCALES	0	
	0302	1	838	Mountain whitefish	308			292	SCALES	2	PIT
	0302	1	839	Longnose sucker	402			758		0	
	0302	1	840	Longnose sucker	360			694		0	
	0302	1	841	Bull trout	430			720	FIN RAY	5	0
	0302	1	842	Mountain whitefish	113			16	SCALES	0	
	0302	1	843	Mountain whitefish	329			336	SCALES	0	PIT
	0302	1	844	Mountain whitefish	298				SCALES	0	PIT
	0302	1	845	Mountain whitefish	423			648	SCALES	0	PIT
	0302	1	846	Mountain whitefish	330			328	SCALES	0	PIT
	0302	1	847	Mountain whitefish	267			182	SCALES	0	PIT
	0302	1	848	Mountain whitefish	358			444	SCALES	2	PIT
	0302	1	849	Mountain whitefish	218			104	SCALES	0	
	0302	1	850	Mountain whitefish	347			380	SCALES	2	PIT
	0302	1	851	Mountain whitefish	368			478	SCALES	0	PIT
	0302	1	852	Mountain whitefish	340			404	SCALES	0	PIT
	0302	1	853	Mountain whitefish	288			276	SCALES	0	PIT

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0302	1	854	Mountain whitefish	313	304	SCALES		0	PIT	900026000052052	
0302	1	855	Mountain whitefish	284	238	SCALES	4	0	PIT	900026000055542	
0302	1	856	Longnose sucker	424	902			0			
0302	1	857	Mountain whitefish	309	278	SCALES		0	PIT	900026000053826	
0302	1	858	Mountain whitefish	273	246	SCALES		0	PIT	900026000055158	
0302	1	859	Mountain whitefish	375	440	SCALES	8	2	PIT	0A00734413	
0302	1	860	Mountain whitefish	230	124	SCALES		0			
0302	1	861	Mountain whitefish	378	516	SCALES		0	PIT	900026000054021	
0302	1	862	Mountain whitefish	291	246	SCALES		0	PIT	900026000055398	
0302	1	863	Mountain whitefish	292	262	SCALES		0	PIT	900026000053738	
0302	1	864	Mountain whitefish	314	262	SCALES		2	PIT	965000000247435	
0302	1	865	Mountain whitefish	187	74	SCALES		0			
0302	1	866	Mountain whitefish	212	94	SCALES		0			
0302	1	867	Mountain whitefish	272	198	SCALES		0	PIT	900026000055775	
0302	1	868	Mountain whitefish	286	324	SCALES		0	PIT	900026000035168	
0302	1	869	Bull trout	842	6400	FIN RAY	10	0	PIT	900026000055978	
0302	1	870	Mountain whitefish	362	486	SCALES		0	PIT	900026000051616	
0302	1	871	Mountain whitefish	192	74	SCALES		0			
0302	1	872	Mountain whitefish	334	364	SCALES		2	PIT	965000000282200	
0302	1	873	Mountain whitefish	283	236	SCALES		2	PIT	965000000246197	
0302	1	874	Mountain whitefish	253	174	SCALES		0	PIT	900026000051503	
0302	1	875	Mountain whitefish	246	160	SCALES		0			
0302	1	876	Mountain whitefish	218	98	SCALES		0			
0302	1	877	Mountain whitefish	306	334	SCALES		2	PIT	965000000246463	
0302	1	878	Bull trout	235	134	FS	4	0	PIT	900026000035512	
0302	1	879	Mountain whitefish	297	250	SCALES		2	PIT	965000000244104	
0302	1	880	Mountain whitefish	327	384	SCALES		0	PIT	900026000053306	
0302	1	881	Mountain whitefish	366	452	SCALES		2	PIT	900026000052907	
0302	1	882	Mountain whitefish	334	368	SCALES		2	PIT	965000000069281	
0302	1	883	Mountain whitefish	257	174	SCALES		0	PIT	900026000056909	
0302	1	884	Mountain whitefish	189	76	SCALES		0			
0302	1	885	Mountain whitefish	277	230	SCALES		2	PIT	965000000077468	
0302	1	886	Mountain whitefish	242	156	SCALES		0			
0302	1	887	Mountain whitefish	141	32	SCALES		0			
0302	1	888	Longnose sucker	375	600			2	PIT	965000000085807	
0302	1	889	Mountain whitefish	332	428	SCALES		2	PIT	965000000089366	
0302	1	890	Mountain whitefish	188	74	SCALES		0			
0302	1	891	Mountain whitefish	309	266	SCALES		0	PIT	900026000057136	
0302	1	892	Mountain whitefish	270	196	SCALES		2	PIT	965000000090055	
0302	1	893	Mountain whitefish	272	222	SCALES		0	PIT	900026000052488	
0302	1	894	Mountain whitefish	287	260	SCALES		0	PIT	900026000052207	
0302	1	895	Mountain whitefish	325	362	SCALES	6	0	PIT	900026000035313	
0302	1	896	Mountain whitefish	285	218	SCALES	4	0	PIT	900026000061110	
0302	1	897	Mountain whitefish	270	258	SCALES		0	PIT	900026000053308	
0302	1	898	Mountain whitefish	370	444	SCALES		2	PIT	965000000068493	
0302	1	899	Mountain whitefish	303	274	SCALES		2	PIT	900026000054441	
0302	1	900	Mountain whitefish	310	370	SCALES		0	PIT	900026000055931	
0302	1	901	Mountain whitefish	284	278	SCALES		0	PIT	900026000052149	
0302	1	902	Mountain whitefish	295	260	SCALES	4	0	PIT	900026000055185	
0302	1	903	Mountain whitefish	309	268	SCALES		2	PIT	965000000082056	
0301	1	904	Kokanee	167	50			0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0301	1	905	Mountain whitefish	372	480	SCALES		2	PIT	965000000243399	
0301	1	906	Longnose sucker	362	604			0			
0301	1	907	Mountain whitefish	266	192	SCALES		2	PIT	900026000064636	
0301	1	908	Bull trout	405	678	FIN RAY	6	0	PIT	900026000052253	
0301	1	909	Mountain whitefish	143	34	SCALES		0			
0301	1	910	Mountain whitefish	296	296	SCALES		0	PIT	900026000053766	
0301	1	911	Mountain whitefish	338	394	SCALES		0	PIT	900026000052401	
0301	1	912	Mountain whitefish	257	172	SCALES		0	PIT	900026000053401	
0301	1	913	Mountain whitefish	332	330	SCALES		2	PIT	965000000092641	
0301	1	914	Longnose sucker	394				0			
0301	1	915	Mountain whitefish	300	288	SCALES		2	PIT	900026000064162	
0301	1	916	Mountain whitefish	370	524	SCALES		2	PIT	965000000077638	
0301	1	917	Mountain whitefish	245	164	SCALES		0			
0301	1	918	Mountain whitefish	360	474	SCALES		0	PIT	900026000053867	
0301	1	919	Mountain whitefish	296	264	SCALES		0	PIT	900026000053787	
0301	1	920	Longnose sucker	399	810			0			
0301	1	921	Longnose sucker	392	808			0			
0301	1	922	Longnose sucker	340	558			0			
0301	1	923	Longnose sucker	436	1018			0			
0301	1	924	Mountain whitefish	302	330	SCALES		2	PIT	965000000072634	
0301	1	925	Mountain whitefish	270	238	SCALES		0	PIT	900026000052226	
0301	1	926	Mountain whitefish	275	216	SCALES		0	PIT	900026000052296	
0301	1	927	Mountain whitefish	294	262	SCALES		2	PIT	900026000055185	
0301	1	928	Mountain whitefish	296	242	SCALES		0	PIT	900026000051712	
0301	1	929	Mountain whitefish	286	322	SCALES		2	PIT	900026000035168	
0301	1	930	Mountain whitefish	283	274	SCALES		0	PIT	900026000055217	
0301	1	931	Mountain whitefish	280	288	SCALES		2	PIT	900026000064906	
0301	1	932	Mountain whitefish	298	292	SCALES		2	PIT	965000000090330	
0301	1	933	Mountain whitefish	308	372	SCALES		2	PIT	900026000055931	
0301	1	934	Mountain whitefish	304	338	SCALES		0	PIT	900026000052440	
0301	1	935	Mountain whitefish	202	92	SCALES		0			
0301	1	936	Mountain whitefish	253	182	SCALES		0	PIT	900026000055780	
0301	1	937	Mountain whitefish	278	236	SCALES		2	PIT	965000000281420	
0301	1	938	Rainbow trout	318	402	SCALES		0	PIT	900026000056049	
0301	1	939	Mountain whitefish	279	264	SCALES		0	PIT	900026000052346	
0301	1	940	Mountain whitefish	351	384	SCALES		0	PIT	900026000053986	
0301	1	941	Mountain whitefish	300	288	SCALES	5	0	PIT	900026000055733	
0301	1	942	Mountain whitefish	196	82	SCALES		0			
0301	1	943	Mountain whitefish	222	130	SCALES		0			
0301	1	944	Mountain whitefish	251	158	SCALES		0	PIT	900026000063403	
0301	1	945	Mountain whitefish	181	62	SCALES		0			
0301	1	946	Mountain whitefish	275	218	SCALES		0	PIT	900026000054121	
0301	1	947	Mountain whitefish	266	218	SCALES		0	PIT	900026000035182	
0301	1	948	Mountain whitefish	243	162	SCALES		0			
0301	1	949	Mountain whitefish	285	220	SCALES		0	PIT	900026000035214	
0301	1	950	Mountain whitefish	271	196	SCALES		2	PIT	900026000053020	
0301	1	951	Mountain whitefish	272	196	SCALES		0	PIT	900026000053550	
0301	1	952	Mountain whitefish	263	176	SCALES		0	PIT	900026000052446	
0301	1	953	Mountain whitefish	284		SCALES		0	PIT	900026000052057	
0301	1	954	Mountain whitefish	248	150	SCALES		0			
0301	1	955	Mountain whitefish	194	80	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0301	1	956	Mountain whitefish	272	194	SCALES	0	PIT	900026000056919	
	0301	1	957	Mountain whitefish	266	212	SCALES	0	PIT	900026000053625	
	0301	1	958	Mountain whitefish	283	222	SCALES	0	PIT	900026000053988	
	0301	1	959	Mountain whitefish	276	210	SCALES	0	PIT	900026000056027	
	0301	1	960	Mountain whitefish	283	216	SCALES	2	PIT	965000000281638	
	0301	1	961	Mountain whitefish	255	178	SCALES	0	PIT	900026000055794	
	0301	1	962	Mountain whitefish	204	96	SCALES	2	0		
	0301	1	963	Mountain whitefish	298	302	SCALES	0	PIT	900026000056963	
	0301	1	964	Mountain whitefish	294	276	SCALES	0	PIT	900026000057453	
	0301	1	965	Mountain whitefish	177	66	SCALES	0			
	0301	1	966	Mountain whitefish	248	172	SCALES	0			
	0301	1	967	Mountain whitefish	226	140	SCALES	0			
	0301	1	968	Mountain whitefish	285	232	SCALES	0	PIT	900026000056109	
	0301	1	969	Mountain whitefish	240	148	SCALES	0			
	0301	1	970	Mountain whitefish	187	88	SCALES	0			
	0301	1	971	Mountain whitefish	271	220	SCALES	2	PIT	965000000282695	
	0301	1	972	Mountain whitefish	280	290	SCALES	0	PIT	900026000054064	
	0301	1	973	Mountain whitefish	282	232	SCALES	0	PIT	900026000053843	
	0301	1	974	Mountain whitefish	294	268	SCALES	0	PIT	900026000053876	
	0301	1	975	Mountain whitefish	257	192	SCALES	0	PIT	900026000052484	
	0301	1	976	Mountain whitefish	266	206	SCALES	0	PIT	900026000053975	
	0301	1	977	Mountain whitefish	260	204	SCALES	0	PIT	900026000055468	
	0301	1	978	Mountain whitefish	247	180	SCALES	0			
	0301	1	979	Mountain whitefish	280	238	SCALES	0	PIT	900026000055523	
	0301	1	980	Mountain whitefish	278	208	SCALES	0	PIT	900026000056394	
	0301	1	981	Mountain whitefish	299	290	SCALES	0	PIT	900026000055457	
	0301	1	982	Mountain whitefish	257	184	SCALES	0	PIT	900026000055706	
	0301	1	983	Mountain whitefish	287	224	SCALES	0	PIT	900026000055169	
	0301	1	984	Mountain whitefish	275	226	SCALES	0	PIT	900026000051683	
	0301	1	985	Mountain whitefish	288	290	SCALES	0	PIT	900026000052224	
	0301	1	986	Mountain whitefish	304	286	SCALES	2	PIT	900026000064313	
	0301	1	987	Mountain whitefish	289	236	SCALES	4	0	PIT	900026000055828
	0301	1	988	Mountain whitefish	218	122	SCALES	0			
	0301	1	989	Mountain whitefish	213	116	SCALES	0			
	0301	1	990	Mountain whitefish	284	214	SCALES	2	PIT	965000000068813	
	0301	1	991	Bull trout	211	94	FS	3	0	PIT	900026000053353
	0301	1	992	Mountain whitefish	285	250	SCALES	0	PIT	900026000064941	
	0301	1	993	Mountain whitefish	208	110	SCALES	0			
	0301	1	994	Mountain whitefish	225	126	SCALES	0			
	0303	1	995	Largescale sucker	430	1022		0			
	0303	1	996	Longnose sucker	380	616		0			
	0303	1	997	Largescale sucker	465	1318		0			
	0303	1	998	Longnose sucker	403	938		0			
	0303	1	999	Longnose sucker	366	654		0			
	0303	1	1000	Longnose sucker	368	672		0			
	0303	1	1001	Longnose sucker	396	780		0			
	0303	1	1002	Longnose sucker	361	666		0			
	0303	1	1003	Longnose sucker	383	792		0			
	0303	1	1004	Longnose sucker	386			0			
	0303	1	1005	Longnose sucker	391	992		0			
	0303	1	1006	Longnose sucker	402	772		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0303	1	1007	Mountain whitefish	273	210	SCALES		0	PIT	900026000055287	
0303	1	1008	Mountain whitefish	358	402	SCALES		2	PIT	965000000086458	
0303	1	1009	Mountain whitefish	286	220	SCALES		0	PIT	900026000056419	
0303	1	1010	Mountain whitefish	248	168	SCALES		0			
0303	1	1011	Mountain whitefish	272	200	SCALES		0	PIT	900026000056650	
0303	1	1012	Longnose sucker	299				0			
0303	1	1013	Longnose sucker	383	726			0			
0303	1	1014	Longnose sucker	278	308			0			
0303	1	1015	Longnose sucker	426	894			0			
0303	1	1016	Mountain whitefish	304	268	SCALES		0	PIT	900026000052288	
0303	1	1017	Mountain whitefish	322	316	SCALES		2	PIT	900026000060807	
0303	1	1018	Mountain whitefish	350	330	SCALES		2	PIT	965000000246254	
0303	1	1019	Mountain whitefish	293	242	SCALES		0	PIT	900026000055861	
0303	1	1020	Mountain whitefish	276	194	SCALES		0	PIT	900026000056390	
0303	1	1021	Mountain whitefish	346	332	SCALES		2	PIT	965000000245527	
0303	1	1022	Mountain whitefish	274	200	SCALES		2	PIT	900026000060842	
0303	1	1023	Mountain whitefish	317	280	SCALES	5	2	PIT	965000000243931	
0303	1	1024	Mountain whitefish	279	208	SCALES		0	PIT	900026000052513	
0303	1	1025	Mountain whitefish	278	222	SCALES		0	PIT	900026000033439	
0303	1	1026	Mountain whitefish	236	148	SCALES		0			
0303	1	1027	Mountain whitefish	224	120	SCALES		0			
0303	1	1028	Mountain whitefish	348	370	SCALES		0	PIT	900026000051475	
0303	1	1029	Mountain whitefish	291	266	SCALES	6	2	PIT	900026000061265	
0303	1	1030	Mountain whitefish	369	484	SCALES		2	PIT	965000000245758	
0303	1	1031	Mountain whitefish	292	236	SCALES		0	PIT	900026000052369	
0303	1	1032	Mountain whitefish	298	234	SCALES		2	PIT	900026000064771	
0303	1	1033	Mountain whitefish	289	204	SCALES		0	PIT	900026000053894	
0303	1	1034	Mountain whitefish	290	240	SCALES		0	PIT	900026000055220	
0303	1	1035	Mountain whitefish	286	200	SCALES		2	PIT	965000000093222	
0303	1	1036	Mountain whitefish	295	256	SCALES	5	0	PIT	900026000053739	
0303	1	1037	Mountain whitefish	279	226	SCALES		2	PIT	900026000053843	
0303	1	1038	Mountain whitefish	278	216	SCALES		0	PIT	900026000035467	
0303	1	1039	Mountain whitefish	306	218	SCALES		0	PIT	900026000053879	
0303	1	1040	Mountain whitefish	284	220	SCALES		0	PIT	900026000051914	
0303	1	1041	Mountain whitefish	268	196	SCALES		0	PIT	900026000053717	
0303	1	1042	Mountain whitefish	261	170	SCALES		0	PIT	900026000056713	
0303	1	1043	Mountain whitefish	320	292	SCALES		0	PIT	900026000035323	
0303	1	1044	Mountain whitefish	307	288	SCALES		2	PIT	965000000086626	
0303	1	1045	Mountain whitefish	346	356	SCALES		2	PIT	900026000065151	
0303	1	1046	Mountain whitefish	321	292	SCALES		2	FLOY	14661	WHITE
0303	1	1047	Mountain whitefish	257	208	SCALES		0	PIT	900026000055441	
0303	1	1048	Mountain whitefish	242	150	SCALES		0			
0303	1	1049	Mountain whitefish	298	284	SCALES		2	PIT	965000000112601	
0303	1	1050	Mountain whitefish	255	184	SCALES		2	PIT	900026000055706	
0303	1	1051	Bull trout	389	666	FIN RAY	4	0	PIT	900026000055189	
0303	1	1052	Mountain whitefish	217	104	SCALES		0			
0303	1	1053	Mountain whitefish	280	210	SCALES		2	PIT	900026000052009	
0303	1	1054	Mountain whitefish	209	100	SCALES		0			
0303	1	1055	Mountain whitefish	247	164	SCALES		0			
0303	1	1056	Mountain whitefish	296	214	SCALES		0	PIT	900026000054033	
0303	1	1057	Mountain whitefish	282	218	SCALES	4	0	PIT	900026000033474	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0303	1	1058	Mountain whitefish	183	60	SCALES	0			
	0303	1	1059	Mountain whitefish	279	216	SCALES	4	0	PIT	900026000052885
	0303	1	1060	Mountain whitefish	123	16	SCALES	0			
	0303	1	1061	Bull trout	304	300	FIN RAY	3	0	PIT	900026000055480
	0303	1	1062	Mountain whitefish	206	86	SCALES	0			
	0303	1	1063	Mountain whitefish	243	168	SCALES	4	0		
	0303	1	1064	Mountain whitefish	254	160	SCALES	0	0	PIT	900026000052317
	0303	1	1065	Mountain whitefish	362	480	SCALES	2	0	PIT	900026000053867
	0303	1	1066	Mountain whitefish	308	312	SCALES	0	0	PIT	900026000053614
	0303	1	1067	Mountain whitefish	288	250	SCALES	0	0	PIT	900026000051483
	0303	1	1068	Mountain whitefish	261	194	SCALES	0	0	PIT	900026000052168
	0303	1	1069	Mountain whitefish	232	114	SCALES	0			
	0303	1	1070	Mountain whitefish	267	200	SCALES	0	0	PIT	900026000053901
	0303	1	1071	Mountain whitefish	224	106	SCALES	0			
	0303	1	1072	Mountain whitefish	270	192	SCALES	0	0	PIT	900026000053918
	0303	1	1073	Mountain whitefish	225	126	SCALES	3	0		
	0303	1	1074	Mountain whitefish	317	278	SCALES	0	0	PIT	900026000055741
	0303	1	1075	Mountain whitefish	269	196	SCALES	0	0	PIT	900026000035149
	0303	1	1076	Mountain whitefish	316	308	SCALES	0	0	PIT	900026000055961
	0303	1	1077	Mountain whitefish	176	52	SCALES	0			
	0303	1	1078	Mountain whitefish	268	210	SCALES	0	0	PIT	900026000035401
	0303	1	1079	Mountain whitefish	207	88	SCALES	0			
	0303	1	1080	Mountain whitefish	354	350	SCALES	2	0	PIT	900026000060898
	0303	1	1081	Mountain whitefish	289	218	SCALES	2	0	PIT	900026000063625
	0303	1	1082	Mountain whitefish	288	212	SCALES	0	0	PIT	900026000054027
	0303	1	1083	Mountain whitefish	265	194	SCALES	0	0	PIT	900026000055290
	0303	1	1084	Mountain whitefish	142	26	SCALES	0			
	0303	1	1085	Mountain whitefish	244	150	SCALES	0			
	0303	1	1086	Mountain whitefish	322	284	SCALES	0	0	PIT	900026000055687
	0303	1	1087	Mountain whitefish	273	210	SCALES	2	0	PIT	900026000052296
	0303	1	1088	Mountain whitefish	298	246	SCALES	2	0	PIT	965000000241096
	0303	1	1089	Mountain whitefish	324	338	SCALES	6	0	PIT	900026000057328
	0303	1	1090	Mountain whitefish	277	234	SCALES	0	0	PIT	900026000064857
	0303	1	1091	Mountain whitefish	301	264	SCALES	2	0	PIT	965000000092709
	0303	1	1092	Mountain whitefish	190	76	SCALES	2	0		
	0303	1	1093	Mountain whitefish	340	368	SCALES	2	0	PIT	965000000246955
	0303	1	1094	Mountain whitefish	294	236	SCALES	0	0	PIT	900026000056786
	0303	1	1095	Mountain whitefish	372	428	SCALES	0	0	PIT	900026000063435
	0303	1	1096	Mountain whitefish	242	184	SCALES	0			
	0303	1	1097	Mountain whitefish	309	300	SCALES	0	0	PIT	900026000033501
	0303	1	1098	Mountain whitefish	176			0			
	0304	1	1099	Mountain whitefish	328	332	SCALES	0	0	PIT	900026000056144
	0304	1	1100	Mountain whitefish	307	252	SCALES	5	2	PIT	965000000246200
	0304	1	1101	Mountain whitefish	264	186	SCALES	0	0	PIT	900026000055827
	0304	1	1102	Mountain whitefish	314	300	SCALES	0	0	PIT	900026000051363
	0304	1	1103	Mountain whitefish	272	204	SCALES	0	0	PIT	900026000051688
	0304	1	1104	Mountain whitefish	290	222	SCALES	2	0	PIT	965000000092272
	0304	1	1105	Mountain whitefish	258	200	SCALES	0	0	PIT	900026000063185
	0304	1	1106	Mountain whitefish	280	266	SCALES	2	0	PIT	965000000281709
	0304	1	1107	Mountain whitefish	253	160	SCALES	0	0	PIT	900026000052515
	0304	1	1108	Mountain whitefish	274	216	SCALES	4	0	PIT	900026000056916

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0304	1	1109	Mountain whitefish	399	610	SCALES		2	PIT	900026000064912	
0304	1	1110	Mountain whitefish	296	228	SCALES		0	PIT	900026000053863	
0304	1	1111	Mountain whitefish	334	328	SCALES		2	PIT	965000000245926	
0304	1	1112	Mountain whitefish	330	310	SCALES		0	PIT	900026000056883	
0304	1	1113	Mountain whitefish	321	282	SCALES		2	PIT	965000000238594	
0304	1	1114	Mountain whitefish	273	230	SCALES		0	PIT	900026000057333	
0304	1	1115	Mountain whitefish	300	276	SCALES		0	PIT	900026000055667	
0304	1	1116	Mountain whitefish	256	196	SCALES	5	2	PIT	900026000057549	
0304	1	1117	Mountain whitefish	285	230	SCALES		2	PIT	900026000052786	
0304	1	1118	Mountain whitefish	293	276	SCALES		0	PIT	900026000052920	
0304	1	1119	Mountain whitefish	202	90	SCALES		0			
0304	1	1120	Mountain whitefish	298	268	SCALES		2	PIT	965000000245973	
0304	1	1121	Mountain whitefish	283	220	SCALES		0	PIT	900026000051351	
0304	1	1122	Mountain whitefish	325	356	SCALES		2	PIT	900026000065185	
0304	1	1123	Mountain whitefish	193	80	SCALES		0			
0304	1	1124	Mountain whitefish	252	180	SCALES		0	PIT	900026000053919	
0304	1	1125	Mountain whitefish	219	104	SCALES		0			
0304	1	1126	Mountain whitefish	251	168	SCALES	4	0	PIT	900026000053736	
0304	1	1127	Mountain whitefish	278	240	SCALES		2	PIT	900026000054506	
0304	1	1128	Mountain whitefish	350	434	SCALES		0	PIT	900026000057109	
0304	1	1129	Mountain whitefish	338	404	SCALES	6	2	PIT	965000000244445	
0304	1	1130	Mountain whitefish	255	168	SCALES		0	PIT	900026000033592	
0304	1	1131	Mountain whitefish	220	116	SCALES		0			
0304	1	1132	Mountain whitefish	242	162	SCALES		0			
0304	1	1133	Mountain whitefish	243	158	SCALES		0			
0304	1	1134	Mountain whitefish	407	564	SCALES		0	PIT	900026000055970	
0304	1	1135	Mountain whitefish	255	188	SCALES		0	PIT	900026000055818	
0304	1	1136	Mountain whitefish	390	496	SCALES		2	PIT	965000000278035	
0304	1	1137	Mountain whitefish	288	244	SCALES		0	PIT	900026000053835	
0304	1	1138	Mountain whitefish	250	192	SCALES		0	PIT	900026000055695	
0304	1	1139	Mountain whitefish	231	140	SCALES		0			
0304	1	1140	Mountain whitefish	233	134	SCALES		0			
0304	1	1141	Mountain whitefish	398	562	SCALES		0	PIT	900026000053415	
0304	1	1142	Mountain whitefish	278	242	SCALES		0	PIT	900026000051240	
0304	1	1143	Mountain whitefish	265	212	SCALES		0	PIT	900026000053883	
0304	1	1144	Mountain whitefish	252	172	SCALES		0	PIT	900026000053740	
0304	1	1145	Mountain whitefish	306	300	SCALES		2	PIT	965000000282707	
0304	1	1146	Mountain whitefish	266	208	SCALES		0	PIT	900026000053229	
0304	1	1147	Mountain whitefish	360	370	SCALES		0	PIT	900026000055610	
0304	1	1148	Mountain whitefish	261		SCALES		0	PIT	900026000035616	
0304	1	1149	Mountain whitefish	339	326	SCALES		2	PIT	965000000243227	
0304	1	1150	Mountain whitefish	416	724	SCALES		2	FLOY	14778	WHITE
0304	1	1151	Mountain whitefish	288	252	SCALES		0	PIT	900026000055959	
0304	1	1152	Mountain whitefish	275	196	SCALES		2	PIT	965000000282149	
0304	1	1153	Mountain whitefish	266	206	SCALES		2	PIT	965000000281516	
0304	1	1154	Mountain whitefish	288	226	SCALES		2	PIT	965000000281246	
0304	1	1155	Mountain whitefish	375	426	SCALES		0	PIT	900026000051193	
0304	1	1156	Mountain whitefish	287	234	SCALES		0	PIT	900026000057392	
0304	1	1157	Mountain whitefish	329	330	SCALES		0	PIT	900026000051855	
0304	1	1158	Mountain whitefish	287	274	SCALES		2	PIT	965000000071274	
0304	1	1159	Mountain whitefish	229	126	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0304	1	1160	Mountain whitefish	287	220	SCALES	0	PIT	900026000053804	
	0304	1	1161	Mountain whitefish	307	282	SCALES	0	PIT	900026000052072	
	0304	1	1162	Mountain whitefish	292	226	SCALES	0	PIT	900026000055439	
	0304	1	1163	Mountain whitefish	253	164	SCALES	0	PIT	900026000063292	
	0304	1	1164	Mountain whitefish	224	106	SCALES	0			
	0304	1	1165	Mountain whitefish	355	350	SCALES	2	PIT	965000000079167	
	0304	1	1166	Mountain whitefish	263	192	SCALES	0	PIT	900026000056993	
	0304	1	1167	Mountain whitefish	244	170	SCALES	0			
	0304	1	1168	Mountain whitefish	279	182	SCALES	0			
	0304	1	1169	Mountain whitefish	286	228	SCALES	0	PIT	900026000035060	
	0305	1	1170	Walleye	389	68	FIN RAY	0	PIT	900026000034917	
	0305	1	1171	Longnose sucker	358	544		0			
	0305	1	1172	Longnose sucker	385	750		0			
	0305	1	1174	Mountain whitefish	321	322	SCALES	0	PIT	900026000057624	
	0305	1	1175	Mountain whitefish	410	696	SCALES	0	PIT	900026000052209	
	0305	1	1176	Longnose sucker	448	1052		0			
	0305	1	1177	Longnose sucker	459	1218		0			
	0305	1	1178	Bull trout	281	234	FIN RAY	3	0	PIT	900026000056665
	0305	1	1179	Bull trout	254	188	FIN RAY	3	0	PIT	900026000035295
	0305	1	1180	Mountain whitefish	485	1122	SCALES	0	PIT	900026000035397	
	0305	1	1181	Mountain whitefish	371	466	SCALES	2	PIT	965000000243833	
	0305	1	1182	Longnose sucker	370	662		2	PIT	965000000075635	
	0305	1	1183	Longnose sucker	368	682		0			
	0305	1	1184	Mountain whitefish	384	556	SCALES	0	PIT	900026000055843	
	0305	1	1185	White sucker	298	306		0			
	0305	1	1186	Mountain whitefish	375	470	SCALES	2	PIT	965000000281226	
	0305	1	1187	Largescale sucker	469	1220		2	PIT	965000000278622	
	0305	1	1188	Mountain whitefish	414	722	SCALES	0	PIT	900026000053947	
	0305	1	1189	Longnose sucker	200	98		0			
	0305	1	1190	Mountain whitefish	324	316	SCALES	0	PIT	900026000052157	
	0305	1	1191	Mountain whitefish	384	496	SCALES	0	PIT	900026000051622	
	0305	1	1192	Mountain whitefish	295	260	SCALES	0	PIT	900026000054113	
	0305	1	1193	Mountain whitefish	360	422	SCALES	5	PIT	900026000055153	
	0305	1	1194	Mountain whitefish	327	310	SCALES	2	PIT	900026000056883	
	0305	1	1195	Mountain whitefish	341	364	SCALES	9	2	PIT	900026000035612
	0305	1	1196	Mountain whitefish	393	606	SCALES	2	PIT	900026000064912	
	0305	1	1197	Longnose sucker	313	364		0			
	0305	1	1198	Mountain whitefish	420	634	SCALES	9	0	PIT	900026000052102
	0305	1	1199	Bull trout	508	1408	FIN RAY	5	0	PIT	900026000055170
	0305	1	1200	Mountain whitefish	298	372	SCALES	0	PIT	900026000055761	
	0305	1	1201	Mountain whitefish	323	334	SCALES	2	PIT	900026000056144	
	0305	1	1202	Mountain whitefish	336	360	SCALES	8	0	PIT	900026000053864
	0305	1	1203	Mountain whitefish	273	246	SCALES	0	PIT	900026000055165	
	0305	1	1204	Mountain whitefish	311	284	SCALES	5	2	PIT	965000000008803
	0305	1	1205	Mountain whitefish	343	386	SCALES	0	PIT	900026000055543	
	0305	1	1206	Mountain whitefish	197	76	SCALES	2	0		
	0305	1	1207	Bull trout	267	182	FIN RAY	4	0	PIT	900026000053511
	0305	1	1208	Mountain whitefish	297	246	SCALES	0	PIT	900026000056423	
	0305	1	1209	Mountain whitefish	219	112	SCALES	0			
	0305	1	1210	Mountain whitefish	283	216	SCALES	0	PIT	900026000056073	
	0305	1	1211	Mountain whitefish	331	328	SCALES	0	PIT	900026000035291	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0305	1	1212	Mountain whitefish	234	144	SCALES	2	0			
0305	1	1213	Mountain whitefish	154	34	SCALES		0			
0305	1	1214	Mountain whitefish	425	736	SCALES		0	PIT	900026000055530	
0305	1	1215	Mountain whitefish	360	424	SCALES		0	PIT	900026000055623	
0305	1	1216	Mountain whitefish	348	436	SCALES		2	PIT	900026000057109	
0305	1	1217	Mountain whitefish	403	560	SCALES		2	PIT	965000000077637	
0305	1	1218	Mountain whitefish	385	506	SCALES		0	PIT	900026000057088	
0305	1	1219	Mountain whitefish	285	242	SCALES		0	PIT	900026000051170	
0305	1	1220	Mountain whitefish	242	148	SCALES		0			
0305	1	1221	Mountain whitefish	346	362	SCALES	5	0	PIT	900026000055353	
0305	1	1222	Mountain whitefish	290	220	SCALES		2	PIT	900026000056437	
0305	1	1223	Mountain whitefish	294	236	SCALES		2	PIT	965000000282190	
0305	1	1224	Mountain whitefish	378	448	SCALES		0	PIT	900026000055221	
0305	1	1225	Mountain whitefish	296	270	SCALES		2	PIT	965000000244882	
0305	1	1226	Longnose sucker	350	532			0			
0305	1	1227	Mountain whitefish	296	250	SCALES		2	PIT	965000000089788	
0305	1	1228	Mountain whitefish	292	222	SCALES		2	PIT	965000000092272	
0305	1	1229	Mountain whitefish	235	130	SCALES		0			
0305	1	1230	Mountain whitefish	250	156	SCALES		0	PIT	900026000053156	
0305	1	1231	Mountain whitefish	268	184	SCALES		0	PIT	900026000053816	
0305	1	1232	Mountain whitefish	210		SCALES		0			
0305	1	1233	Mountain whitefish	251	168	SCALES		0	PIT	900026000053989	
0305	1	1234	Mountain whitefish	284	230	SCALES		2	PIT	900026000052786	
0305	1	1235	Mountain whitefish	282	230	SCALES		0	PIT	900026000055307	
0305	1	1236	Mountain whitefish	338		SCALES		2	PIT	0A00725849	
0305	1	1237	Mountain whitefish	260	198	SCALES		2	PIT	900026000063185	
0305	1	1238	Mountain whitefish	229	130	SCALES		0			
0305	1	1239	Mountain whitefish	149	34	SCALES		0			
0305	1	1240	Mountain whitefish	340	366	SCALES		2	PIT	965000000069412	
0305	1	1241	Longnose sucker	313	360			0			
0305	1	1242	Mountain whitefish	290	248	SCALES		2	PIT	900026000035414	
0305	1	1243	Mountain whitefish	394	616	SCALES		0	PIT	900026000053930	
0305	1	1244	Mountain whitefish	299	208	SCALES		0	PIT	900026000051990	
0305	1	1245	Mountain whitefish	300	268	SCALES		0	PIT	900026000057477	
0305	1	1246	Mountain whitefish	306	258	SCALES		2	PIT	965000000072318	
0305	1	1247	Mountain whitefish	291	266	SCALES		0	PIT	900026000051523	
0305	1	1248	Mountain whitefish	310	282	SCALES		0	PIT	900026000054059	
0305	1	1249	Mountain whitefish	327	318	SCALES		0	PIT	900026000053927	
0305	1	1250	Bull trout	232	116	FIN RAY	2	0	PIT	900026000057461	
0305	1	1251	Mountain whitefish	260	178	SCALES		0	PIT	900026000035611	
0305	1	1252	Mountain whitefish	196	74	SCALES		0			
0305	1	1253	Mountain whitefish	265	170	SCALES		0	PIT	900026000035132	
0305	1	1254	Mountain whitefish	345	328	SCALES		2	PIT	965000000245926	
0305	1	1255	Mountain whitefish	306	256	SCALES		0	PIT	900026000053809	
0305	1	1256	Mountain whitefish	339	400	SCALES		0	PIT	900026000052593	
0305	1	1257	Mountain whitefish	278	238	SCALES		0	PIT	900026000055552	
0305	1	1258	Mountain whitefish	334	326	SCALES		2	PIT	900026000064205	
0305	1	1259	Mountain whitefish	265	206	SCALES		0	PIT	900026000053753	
0305	1	1260	Mountain whitefish	293	264	SCALES		0	PIT	900026000055370	
0305	1	1261	Mountain whitefish	277	204	SCALES		0	PIT	900026000035273	
0305	1	1262	Mountain whitefish	275	216	SCALES	4	0	PIT	900026000051258	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0305	1	1263	Mountain whitefish	287	260	SCALES	0	PIT	900026000055151	
	0305	1	1264	Mountain whitefish	279	234	SCALES	2	PIT	900026000052552	
	0305	1	1265	Mountain whitefish	232	138	SCALES	0			
	0305	1	1266	Mountain whitefish	254	162	SCALES	0	PIT	900026000055985	
	0305	1	1267	Mountain whitefish	419	666	SCALES	0	PIT	900026000053769	
	0305	1	1268	Mountain whitefish	278	196	SCALES	0	PIT	900026000056364	
	0305	1	1269	Mountain whitefish	319	304	SCALES	0	PIT	900026000063143	
	0305	1	1270	Mountain whitefish	285	240	SCALES	0	PIT	900026000051384	
	0305	1	1271	Mountain whitefish	236	146	SCALES	0			
	0305	1	1272	Largescale sucker	195	92		0			
	0305	1	1273	Mountain whitefish	258	166	SCALES	2	PIT	900026000063292	
	0305	1	1274	Mountain whitefish	308	294	SCALES	0	PIT	900026000055709	
	0305	1	1275	Mountain whitefish	276	214	SCALES	0	PIT	900026000056258	
	0305	1	1276	Mountain whitefish	309	252	SCALES	0	PIT	900026000057188	
	0305	1	1277	Mountain whitefish	273	202	SCALES	2	PIT	900026000051688	
	0305	1	1278	Mountain whitefish	193	84	SCALES	0			
	0307	1	1279	Longnose sucker	386	774		0			
	0307	1	1280	Longnose sucker	421	948		0			
	0307	1	1281	Longnose sucker	404	900		0			
	0307	1	1282	Mountain whitefish	268	208	SCALES	0	PIT	900026000053713	
	0307	1	1283	Mountain whitefish	337	374	SCALES	2	PIT	4D00031172	
	0307	1	1284	Arctic grayling	313	426	SCALES	3	0	PIT	900026000063352
	0307	1	1285	Mountain whitefish	269	200	SCALES	0	PIT	900026000053458	
	0307	1	1286	Mountain whitefish	234	158	SCALES	0			
	0307	1	1287	Mountain whitefish	282	266	SCALES	0			
	0307	1	1288	Bull trout	458	1024		2	PIT	900026000064235	
	0307	1	1289	Mountain whitefish	378	438	SCALES	0	PIT	900026000052178	
	0307	1	1290	Rainbow trout	287	262	SCALES	0	PIT	900026000055835	
	0307	1	1291	Mountain whitefish	225	112	SCALES	0			
	0307	1	1292	Mountain whitefish	250	192	SCALES	0	PIT	900026000053850	
	0307	1	1293	Mountain whitefish	266	194	SCALES	2	PIT	900026000034626	
	0307	1	1294	Mountain whitefish	244	148	SCALES	0			
	0307	1	1295	Mountain whitefish	222	104	SCALES	0			
	0307	1	1296	Mountain whitefish	300	216	SCALES	2	PIT	965000000077966	
	0307	1	1297	Rainbow trout	277	242	SCALES	0	PIT	900026000051311	
	0307	1	1298	Rainbow trout	359	546	SCALES	2	PIT	900026000060571	
	0307	1	1299	Kokanee	199	88		0			
	0307	1	1300	Mountain whitefish	201	90	SCALES	0			
	0307	1	1301	Mountain whitefish	235	154	SCALES	3	0		
	0307	1	1302	Bull trout	268	222	FIN RAY	3	0	PIT	900026000065564
	0307	1	1303	Mountain whitefish	232	134	SCALES	3	0		
	0307	1	1304	Mountain whitefish	319	304	SCALES	0	PIT	900026000056917	
	0307	1	1305	Mountain whitefish	250	166	SCALES	0	PIT	900026000053848	
	0307	1	1306	Rainbow trout	222	134	SCALES	0			
	0307	1	1307	Mountain whitefish	317	282	SCALES	2	PIT	9650000000243025	
	0307	1	1308	Mountain whitefish	338	340	SCALES	0	PIT	900026000051296	
	0307	1	1309	Mountain whitefish	348	374	SCALES	2	PIT	965000000069600	
	0307	1	1310	Mountain whitefish	300	266	SCALES	0	PIT	900026000055271	
	0307	1	1311	Mountain whitefish	223	142	SCALES	0			
	0307	1	1312	Mountain whitefish	281	236	SCALES	0	PIT	900026000054905	
	0307	1	1313	Mountain whitefish	325	278	SCALES	0	PIT	900026000052504	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0307	1	1314	Rainbow trout	201	106	SCALES	0			
	0307	1	1315	Mountain whitefish	261	156	SCALES	0	PIT	900026000053762	
	0307	1	1316	Mountain whitefish	179	86	SCALES	0			
	0307	1	1317	Mountain whitefish	228	138	SCALES	0			
	0307	1	1318	Mountain whitefish	287	216	SCALES	2	PIT	900026000063671	
	0306	1	1319	Longnose sucker	400	832		0			
	0306	1	1320	Longnose sucker	442	1148		2	PIT	965000000278920	
	0306	1	1321	Longnose sucker	410	912		0			
	0306	1	1322	Longnose sucker	398	756		0			
	0306	1	1323	Longnose sucker	375	620		0			
	0306	1	1324	Longnose sucker	429	942		0			
	0306	1	1325	Longnose sucker	373	684		0			
	0306	1	1326	Longnose sucker	397	898		0			
	0306	1	1327	Longnose sucker	401	906		0			
	0306	1	1328	Longnose sucker	311	384		0			
	0306	1	1329	Longnose sucker	354	566		0			
	0306	1	1330	Longnose sucker	339	444		0			
	0306	1	1331	Longnose sucker	196	102		0			
	0306	1	1332	Longnose sucker	404	776		0			
	0306	1	1333	Longnose sucker	234	164		0			
	0306	1	1334	Longnose sucker	233	160		0			
	0306	1	1335	Mountain whitefish	294	280	SCALES	0	PIT	900026000053674	
	0306	1	1336	Mountain whitefish	338	354	SCALES	0	PIT	900026000055285	
	0306	1	1337	Mountain whitefish	438	830	SCALES	0	PIT	900026000055486	
	0306	1	1338	Longnose sucker	179	68		0			
	0306	1	1339	Largescale sucker	175	66		0			
	0306	1	1340	Mountain whitefish	286	262	SCALES	0	PIT	900026000056784	
	0306	1	1341	Mountain whitefish	315	312	SCALES	0	PIT	900026000053880	
	0306	1	1342	Mountain whitefish	289	280	SCALES	0	PIT	900026000055372	
	0306	1	1343	Mountain whitefish	263	182	SCALES	0	PIT	900026000055188	
	0306	1	1344	Mountain whitefish	322	372	SCALES	6	2	PIT	965000000079176
	0306	1	1345	Mountain whitefish	280	240	SCALES	2	PIT	900026000065615	
	0306	1	1346	Mountain whitefish	274	226	SCALES	0	PIT	900026000052264	
	0306	1	1347	Mountain whitefish	270	204	SCALES	2	PIT	965000000281540	
	0306	1	1348	Mountain whitefish	302	300	SCALES	0	PIT	900026000053754	
	0306	1	1349	Mountain whitefish	274	222	SCALES	2	PIT	900026000064409	
	0306	1	1350	Mountain whitefish	294	258	SCALES	4	0	PIT	900026000063423
	0306	1	1351	Longnose sucker	183	82		0			
	0306	1	1352	Mountain whitefish	298	266	SCALES	0	PIT	900026000051823	
	0306	1	1353	Mountain whitefish	292	260	SCALES	0	PIT	900026000055173	
	0306	1	1354	Mountain whitefish	307	298	SCALES	2	PIT	965000000282351	
	0306	1	1355	Mountain whitefish	293	248	SCALES	0	PIT	900026000051255	
	0306	1	1356	Mountain whitefish	274	218	SCALES	0	PIT	900026000035269	
	0306	1	1357	Mountain whitefish	258	172	SCALES	0	PIT	900026000051844	
	0306	1	1358	Arctic grayling	178	68	SCALES	1	0		
	0312	1	1359	Northern pikeminnow	382	612		0			
	0312	1	1360	White sucker	393	794		0			
	0312	1	1361	Longnose sucker	393	880		0			
	0312	1	1362	Longnose sucker	365	612		0			
	0312	1	1363	Longnose sucker	419	896		0			
	0312	1	1364	Longnose sucker	368	610		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0312	1	1365	Longnose sucker	454	1182			0			
0312	1	1366	Longnose sucker	379	702			0			
0312	1	1367	Longnose sucker	360	648			0			
0312	1	1368	Longnose sucker	398	798			0			
0312	1	1369	Longnose sucker	344				0			
0312	1	1370	Longnose sucker	419	896			0			
0312	1	1371	Northern pikeminnow	303	312			0			
0312	1	1372	Largescale sucker	402	844			0			
0312	1	1373	White sucker	373	786			0			
0312	1	1374	Longnose sucker	355	580			2	PIT	900026000034272	
0312	1	1375	Longnose sucker	386	784			0			
0312	1	1376	Longnose sucker	415	932			0			
0312	1	1377	Longnose sucker	385	772			0			
0312	1	1378	Longnose sucker	376	646			0			
0312	1	1379	Longnose sucker	445	1114			0			
0312	1	1380	Longnose sucker	339	532			0			
0312	1	1381	Longnose sucker	425	892			0			
0312	1	1382	Longnose sucker	182	80			0			
0312	1	1383	Bull trout	321	348	FIN RAY	4	0	PIT	900026000051994	
0312	1	1384	Bull trout	260	194	FIN RAY	3	0	PIT	900026000035579	
0312	1	1385	Mountain whitefish	253	194	SCALES		0	PIT	900026000055200	
0312	1	1386	Mountain whitefish	317	306	SCALES		2	PIT	965000000281660	
0312	1	1387	Mountain whitefish	286	208	SCALES	4	0	PIT	900026000052246	
0312	1	1388	Mountain whitefish	298	252	SCALES		0	PIT	900026000052468	
0312	1	1389	Mountain whitefish	345	402	SCALES		2	PIT	965000000093498	
0312	1	1390	Mountain whitefish	131	24	SCALES		0			
0312	1	1391	Mountain whitefish	322	290	SCALES		2	PIT	965000000068532	
0312	1	1392	Mountain whitefish	281	224	SCALES		2	PIT	965000000281358	
0312	1	1393	Mountain whitefish	349	404	SCALES		0	PIT	900026000061762	
0312	1	1394	Mountain whitefish	297	274	SCALES		0	PIT	900026000034672	
0312	1	1395	Mountain whitefish	247	156	SCALES		0			
0312	1	1396	Mountain whitefish	315	310	SCALES		0	PIT	900026000053235	
0312	1	1397	Mountain whitefish	400	560	SCALES		2	PIT	965000000247904	
0312	1	1398	Longnose sucker	179	68			0			
0312	1	1399	Mountain whitefish	235	142	SCALES		0			
0312	1	1400	Mountain whitefish	350	374	SCALES		0	PIT	900026000052324	
0312	1	1401	Mountain whitefish	240	152	SCALES		0			
0312	1	1402	Mountain whitefish	285		SCALES		0	PIT	900026000055783	
0312	1	1403	Mountain whitefish	332	334	SCALES		2	PIT	965000000080145	
0312	1	1404	Mountain whitefish	194	82	SCALES		0			
0312	1	1405	Mountain whitefish	383	468	SCALES		0	PIT	900026000051911	
0312	1	1406	Mountain whitefish	253	156	SCALES	3	0	PIT	900026000053822	
0312	1	1407	Mountain whitefish	331	346	SCALES		0	PIT	900026000055339	
0312	1	1408	Mountain whitefish	205	90	SCALES		0			
0312	1	1409	Mountain whitefish	247	162	SCALES		0			
0312	1	1410	Northern pikeminnow	298	278			0			
0312	1	1411	Largescale sucker	152	48			0			
0312	1	1412	Mountain whitefish	310	304	SCALES		0	PIT	900026000035301	
0312	1	1413	Mountain whitefish	275	222	SCALES		0	PIT	900026000054046	
0312	1	1414	Mountain whitefish	183	70	SCALES		0			
0312	1	1415	Bull trout	274	204	FIN RAY	4	0	PIT	900026000052844	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0312	1	1416	Mountain whitefish	304	286	SCALES	2	PIT	900026000052904	
	0312	1	1417	Mountain whitefish	284	274	SCALES	0	PIT	900026000053527	
	0310	1	1418	Northern pike	548	1202	FIN RAY	0	PIT	900026000056529	
	0310	1	1419	Longnose sucker	428	938		0			
	0310	1	1420	White sucker	369	560		0			
	0310	1	1421	Mountain whitefish	274	216	SCALES	2	PIT	900026000064330	
	0310	1	1422	Longnose sucker	360	618		0			
	0310	1	1423	Mountain whitefish	294	262	SCALES	2	PIT	965000000247454	
	0310	1	1424	Mountain whitefish	271	224	SCALES	0	PIT	900026000055451	
	0310	1	1425	Mountain whitefish	220	134	SCALES	0			
	0310	1	1426	Mountain whitefish	278	200	SCALES	0	PIT	900026000053953	
	0310	1	1427	Mountain whitefish	267	200	SCALES	0	PIT	900026000055605	
	0310	1	1428	Mountain whitefish	370	410	SCALES	2	PIT	965000000072902	
	0310	1	1429	Mountain whitefish	184	74	SCALES	0			
	0310	1	1430	Mountain whitefish	311	272	SCALES	2	PIT	965000000245258	
	0310	1	1431	Mountain whitefish	264	170	SCALES	0	PIT	900026000054085	
	0310	1	1432	Mountain whitefish	301	256	SCALES	5	2	PIT	965000000237976
	0310	1	1433	Mountain whitefish	213	108	SCALES	0			
	0310	1	1434	Mountain whitefish	319	266	SCALES	2	PIT	965000000080738	
	0310	1	1435	Mountain whitefish	302	250	SCALES	0	PIT	900026000052142	
	0310	1	1436	Mountain whitefish	368	468	SCALES	2	PIT	4D00036203	
	0310	1	1437	Mountain whitefish	353	400	SCALES	0	PIT	900026000035549	
	0310	1	1438	Mountain whitefish	270	206	SCALES	0	PIT	900026000055401	
	0310	1	1439	Mountain whitefish	257	172	SCALES	4	0	PIT	900026000054077
	0310	1	1440	Mountain whitefish	304	282	SCALES	2	PIT	900026000052904	
	0310	1	1441	Mountain whitefish	361	402	SCALES	0	PIT	900026000053314	
	0310	1	1442	Mountain whitefish	275	198	SCALES	0	PIT	900026000056559	
	0310	1	1443	Mountain whitefish	284	260	SCALES	0	PIT	900026000035242	
	0311	1	1444	Longnose sucker	371	638		0			
	0311	1	1445	Mountain whitefish	386	514	SCALES	0	PIT	900026000035277	
	0311	1	1446	Mountain whitefish	421	638	SCALES	2	PIT	0A00725750	
	0311	1	1447	Mountain whitefish	284	226	SCALES	0	PIT	900026000055935	
	0311	1	1448	Mountain whitefish	294	262	SCALES	0	PIT	900026000063375	
	0311	1	1449	Mountain whitefish	297	248	SCALES	2	PIT	900026000065008	
	0311	1	1450	Mountain whitefish	265	194	SCALES	2	PIT	965000000108077	
	0311	1	1451	Mountain whitefish	251	180	SCALES	0	PIT	900026000052495	
	0311	1	1452	Mountain whitefish	289	238	SCALES	0	PIT	900026000055284	
	0311	1	1453	Mountain whitefish	267	186	SCALES	0	PIT	900026000034868	
	0311	1	1454	Mountain whitefish	296	236	SCALES	0	PIT	900026000051505	
	0311	1	1455	Mountain whitefish	324	326	SCALES	2	PIT	965000000069333	
	0311	1	1456	Mountain whitefish	339	340	SCALES	0	PIT	900026000053244	
	0311	1	1457	Mountain whitefish	303	238	SCALES	0	PIT	900026000055797	
	0311	1	1458	Mountain whitefish	262	204	SCALES	0	PIT	900026000051623	
	0311	1	1459	Mountain whitefish	317	270	SCALES	0	PIT	900026000053791	
	0311	1	1460	Mountain whitefish	254	176	SCALES	0	PIT	900026000057357	
	0311	1	1461	Mountain whitefish	233	160	SCALES	0			
	0311	1	1462	Mountain whitefish	258	194	SCALES	0	PIT	900026000053387	
	0311	1	1463	Mountain whitefish	242	166	SCALES	0			
	0311	1	1464	Mountain whitefish	335	374	SCALES	0	PIT	900026000052144	
	0311	1	1465	Mountain whitefish	419	736	SCALES	0	PIT	900026000052291	
	0311	1	1466	Mountain whitefish	334	360	SCALES	2	PIT	0A00707631	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0311	1	1467	Mountain whitefish	289	236	SCALES		2	PIT	900026000057385	
0311	1	1468	Mountain whitefish	298	262	SCALES		2	FLOY	13682	WHITE
0311	1	1469	Mountain whitefish	274	202	SCALES		2	PIT	900026000061407	
0311	1	1470	Mountain whitefish	227	116	SCALES		0			
0311	1	1471	Mountain whitefish	253	168	SCALES		0	PIT	900026000035310	
0311	1	1472	Mountain whitefish	199	90	SCALES		0			
0311	1	1473	Mountain whitefish	231	136	SCALES		0			
0311	1	1474	Mountain whitefish	258	192	SCALES		0	PIT	900026000052325	
0311	1	1475	Mountain whitefish	229	122	SCALES		0			
0311	1	1476	Mountain whitefish	267	190	SCALES		0	PIT	900026000055758	
0311	1	1477	Mountain whitefish	248	196	SCALES		0			
0311	1	1478	Mountain whitefish	268	176	SCALES	4	0	PIT	900026000035111	
0311	1	1479	Mountain whitefish	192	86	SCALES		0			
0311	1	1480	Mountain whitefish	261	184	SCALES		0	PIT	900026000053796	
0311	1	1481	Mountain whitefish	267	212	SCALES	4	0	PIT	965000000070016	
0311	1	1482	Mountain whitefish	286	254	SCALES		0	PIT	900026000055340	
0311	1	1483	Mountain whitefish	284	232	SCALES		0	PIT	900026000055831	
0311	1	1484	Longnose sucker	402	770			0			
0311	1	1485	Mountain whitefish	289	224	SCALES		0	PIT	900026000055384	
0311	1	1486	Mountain whitefish	311	280	SCALES	6	0	PIT	900026000055155	
0311	1	1487	Mountain whitefish	253	156	SCALES		2	PIT	900026000053822	
0311	1	1488	Mountain whitefish	251	158	SCALES		0	PIT	900026000060861	
0311	1	1489	Mountain whitefish	194	86	SCALES		0			
0311	1	1490	Mountain whitefish	319	290	SCALES		0	PIT	900026000035096	
0311	1	1491	Kokanee	194	74	SO		1			
0314	1	1492	Bull trout	615	2870		7	2	PIT	900026000051801	
0314	1	1493	Longnose sucker	386	726			0			
0314	1	1494	Longnose sucker	368	618			0			
0314	1	1495	Longnose sucker	404	794			0			
0314	1	1496	Longnose sucker	394	776			0			
0314	1	1497	Longnose sucker	369	618			0			
0314	1	1498	Longnose sucker	262				0			
0314	1	1499	Largescale sucker	481	1320			0			
0314	1	1500	Longnose sucker	373	686			0			
0314	1	1501	Longnose sucker	390	796			0			
0314	1	1502	Longnose sucker	404	852			0			
0314	1	1503	Longnose sucker	376	676			0			
0314	1	1504	Longnose sucker	412	922			0			
0314	1	1505	Longnose sucker	376	706			0			
0314	1	1506	Mountain whitefish	245	162	SCALES		0			
0314	1	1507	Mountain whitefish	218	116	SCALES		0			
0314	1	1508	Mountain whitefish	317	306	SCALES		0	PIT	900026000054019	
0314	1	1509	Mountain whitefish	405	568	SCALES		2	PIT	965000000072884	
0314	1	1510	Longnose sucker	277	258			0			
0314	1	1511	Mountain whitefish	387	552	SCALES		0	PIT	900026000056040	
0314	1	1512	Mountain whitefish	447	780	SCALES	11	2	PIT	965000000088505	
0314	1	1513	Mountain whitefish	293	286	SCALES		2	PIT	965000000092404	
0314	1	1514	Mountain whitefish	338	448	SCALES	6	0	PIT	900026000051368	
0314	1	1515	Mountain whitefish	297	262	SCALES		0	PIT	900026000055357	
0314	1	1516	Longnose sucker	171	72			0			
0314	1	1517	Mountain whitefish	146	36	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0314	1	1518	Mountain whitefish	338	384	SCALES		2	FLOY	16503	WHITE
0314	1	1519	Mountain whitefish	249	162	SCALES		0			
0314	1	1520	Mountain whitefish	205	96	SCALES		0			
0314	1	1521	Mountain whitefish	298	292	SCALES		0	PIT	900026000057128	
0314	1	1522	Longnose sucker	418	850			0			
0314	1	1523	Mountain whitefish	249	210	SCALES		0			
0314	1	1524	Mountain whitefish	350	446	SCALES		0	PIT	900026000055878	
0314	1	1525	Mountain whitefish	303	292	SCALES		2	PIT	900026000054256	
0314	1	1526	Longnose sucker	376	726			0			
0314	1	1527	Mountain whitefish	308	280	SCALES		2	PIT	900026000054465	
0314	1	1528	Mountain whitefish	284	238	SCALES		0	PIT	900026000056058	
0314	1	1529	Mountain whitefish	230	150	SCALES		0			
0314	1	1530	Mountain whitefish	349	436	SCALES		0	PIT	900026000055350	
0314	1	1531	Mountain whitefish	293	240	SCALES		2	PIT	965000000245934	
0314	1	1532	Mountain whitefish	282	232	SCALES		0	PIT	900026000034828	
0314	1	1533	Mountain whitefish	321	352	SCALES		0	PIT	900026000056934	
0314	1	1534	Mountain whitefish	370	476	SCALES		2	PIT	965000000245682	
0314	1	1535	Mountain whitefish	260	200	SCALES		0	PIT	900026000055377	
0314	1	1536	Mountain whitefish	245	146	SCALES		0			
0314	1	1537	Mountain whitefish	367	410	SCALES		0	PIT	900026000055941	
0314	1	1538	Mountain whitefish	239	148	SCALES		0			
0314	1	1539	Mountain whitefish	280	262	SCALES		0	PIT	900026000051318	
0314	1	1540	Mountain whitefish	148	34	SCALES		0			
0314	1	1541	Bull trout	217	114	FS	2	0	PIT	900026000035193	
0314	1	1542	Bull trout	196	80	SCALES	2	0			
0314	1	1543	Mountain whitefish	370	438	SCALES		0	PIT	900026000055976	
0314	1	1544	Mountain whitefish	318	326	SCALES		2	PIT	965000000067341	
0314	1	1545	Mountain whitefish	290	238	SCALES		2	PIT	965000000082742	
0314	1	1546	Mountain whitefish	160	44	SCALES		0			
0314	1	1547	Mountain whitefish	251	172	SCALES		0	PIT	900026000055770	
0314	1	1548	Mountain whitefish	288	258	SCALES		2	PIT	965000000244833	
0314	1	1549	Mountain whitefish	267	202	SCALES		0	PIT	900026000055658	
0314	1	1550	Mountain whitefish	300	260	SCALES		2	PIT	965000000242909	
0314	1	1551	Mountain whitefish	270	222	SCALES		0	PIT	900026000057598	
0314	1	1552	Mountain whitefish	381	516	SCALES		0	PIT	900026000051141	
0314	1	1553	Mountain whitefish	284	228	SCALES	6	2	PIT	965000000069737	
0314	1	1554	Mountain whitefish	216	110	SCALES		0			
0314	1	1555	Mountain whitefish	193	80	SCALES		0			
0314	1	1556	Mountain whitefish	290	226	SCALES		0	PIT	900026000056080	
0314	1	1557	Mountain whitefish	290	238	SCALES		0	PIT	900026000035268	
0314	1	1558	Mountain whitefish	190	70	SCALES		0			
0314	1	1559	Mountain whitefish	247	156	SCALES		0			
0314	1	1560	Mountain whitefish	276	218	SCALES		0	PIT	900026000053524	
0314	1	1561	Mountain whitefish	288	250	SCALES		0	PIT	900026000063431	
0314	1	1562	Mountain whitefish	403	692	SCALES		0	PIT	900026000055301	
0314	1	1563	Mountain whitefish	274	198	SCALES		0	PIT	900026000055939	
0314	1	1564	Mountain whitefish	320	292	SCALES		0	PIT	900026000055781	
0314	1	1565	Mountain whitefish	200	90	SCALES		2	0		
0314	1	1566	Bull trout	227	112	FS	2	0	PIT	900026000054039	
0314	1	1567	Mountain whitefish	283	224	SCALES	4	0	PIT	900026000056855	
0314	1	1568	Mountain whitefish	234	130	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0308	1	1569	Longnose sucker	357	594			0			
0308	1	1570	Longnose sucker	359	590			0			
0308	1	1571	Largescale sucker	455	1172			0			
0308	1	1572	Largescale sucker	471	1350			0			
0308	1	1573	Longnose sucker	426	970			0			
0308	1	1574	Longnose sucker	347	598			0			
0308	1	1575	Longnose sucker	362	638			0			
0308	1	1576	Longnose sucker	394	816			0			
0308	1	1577	Longnose sucker	384	688			0			
0308	1	1578	Longnose sucker	368	600			0			
0308	1	1579	Longnose sucker	375	678			0			
0308	1	1580	Longnose sucker	381	766			0			
0308	1	1581	Longnose sucker	403	746			0			
0308	1	1582	Mountain whitefish	292	240	SCALES	4	2	PIT	96500000111330	
0308	1	1583	Mountain whitefish	289	264	SCALES		0	PIT	900026000053145	
0308	1	1584	Mountain whitefish	372	380	SCALES		2	PIT	965000000085607	
0308	1	1585	Mountain whitefish	395	506	SCALES		2	PIT	900026000064724	
0308	1	1586	Mountain whitefish	288	230	SCALES		0	PIT	900026000055292	
0308	1	1587	Mountain whitefish	353	424	SCALES	5	0	PIT	900026000055166	
0308	1	1588	Arctic grayling	168	60	SCALES	1	0			
0308	1	1589	Mountain whitefish	237	146	SCALES		0			
0308	1	1590	Mountain whitefish	228	130	SCALES		0			
0308	1	1591	Mountain whitefish	270		SCALES		0	PIT	900026000051215	
0308	1	1592	Mountain whitefish	267	208	SCALES		0	PIT	900026000035174	
0308	1	1593	Mountain whitefish	270	212	SCALES		0	PIT	900026000054084	
0308	1	1594	Mountain whitefish	243	142	SCALES		0			
0308	1	1595	Mountain whitefish	339	388	SCALES		0	PIT	900026000055427	
0308	1	1596	Mountain whitefish	254	168	SCALES		0	PIT	900026000053779	
0308	1	1597	Mountain whitefish	266	186	SCALES		0	PIT	900026000055167	
0308	1	1598	Mountain whitefish	227	134	SCALES		0			
0308	1	1599	Mountain whitefish	260	186	SCALES		0	PIT	900026000053897	
0308	1	1600	Mountain whitefish	311	292	SCALES		0	PIT	900026000056005	
0308	1	1601	Mountain whitefish	261	194	SCALES		0	PIT	900026000034981	
0308	1	1602	Mountain whitefish	288	246	SCALES	4	0	PIT	900026000053853	
0308	1	1603	Mountain whitefish	324	292	SCALES	5	0	PIT	900026000053749	
0308	1	1604	Mountain whitefish	305	260	SCALES		0	PIT	900026000051600	
0308	1	1605	Mountain whitefish	243	140	SCALES		0			
0308	1	1606	Mountain whitefish	282	224	SCALES		0	PIT	900026000052405	
0308	1	1607	Mountain whitefish	234	138	SCALES		0			
0308	1	1608	Mountain whitefish	211	104	SCALES	2	0			
0308	1	1609	Mountain whitefish	209	100	SCALES		0			
0308	1	1610	Mountain whitefish	370	506	SCALES		2	PIT	965000000244055	
0308	1	1611	Mountain whitefish	275	224	SCALES	4	0	PIT	900026000051478	
0308	1	1612	Mountain whitefish	390	520	SCALES		2	PIT	965000000090484	
0308	1	1613	Mountain whitefish	314		SCALES		0	PIT	900026000057324	
0308	1	1614	Mountain whitefish	314	326	SCALES		2	PIT	965000000245591	
0308	1	1615	Mountain whitefish	241	138	SCALES		0			
0308	1	1616	Mountain whitefish	339	362	SCALES	8	2	PIT	900026000065512	
0308	1	1617	Mountain whitefish	281		SCALES		0	PIT	900026000057145	
0308	1	1618	Mountain whitefish	331	304	SCALES		2	PIT	0A00716873	
0308	1	1619	Mountain whitefish	273	174	SCALES		0	PIT	900026000033496	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0308	1	1620	Mountain whitefish	277	206	SCALES	2	PIT	900026000054175	
	0308	1	1621	Mountain whitefish	276	204	SCALES	0	PIT	900026000053358	
	0308	1	1622	Mountain whitefish	348	322	SCALES	0	PIT	900026000055326	
	0308	1	1623	Mountain whitefish	280	226	SCALES	0	PIT	900026000055482	
	0308	1	1624	Mountain whitefish	197	88	SCALES	0			
	0308	1	1625	Mountain whitefish	241	152	SCALES	0			
	0308	1	1626	Mountain whitefish	199	80	SCALES	0			
	0308	1	1627	Mountain whitefish	282	234	SCALES	0	PIT	900026000034954	
	0308	1	1628	Mountain whitefish	280	206	SCALES	0	PIT	900026000035197	
	0308	1	1629	Mountain whitefish	309	230	SCALES	0	PIT	900026000051214	
	0308	1	1630	Mountain whitefish	289	220	SCALES	0	PIT	900026000055640	
	0308	1	1631	Mountain whitefish	261	188	SCALES	0	PIT	900026000035181	
	0308	1	1632	Mountain whitefish	254	166	SCALES	0	PIT	900026000054072	
	0308	1	1633	Mountain whitefish	197	80	SCALES	0			
	0308	1	1634	Mountain whitefish	169	50	SCALES	0			
	0308	1	1635	Mountain whitefish	202	74	SCALES	0			
	0308	1	1636	Mountain whitefish	299	256	SCALES	0	PIT	900026000055338	
	0308	1	1637	Mountain whitefish	306	244	SCALES	0	PIT	900026000056002	
	0308	1	1638	Mountain whitefish	288	240	SCALES	0	PIT	900026000053886	
	0308	1	1639	Mountain whitefish	248	148	SCALES	0			
	0308	1	1640	Mountain whitefish	304	258	SCALES	6	0	PIT	900026000051731
	0308	1	1641	Mountain whitefish	248	170	SCALES	0			
	0308	1	1642	Mountain whitefish	256	192	SCALES	0	PIT	900026000056624	
	0308	1	1643	Mountain whitefish	250	180	SCALES	0	PIT	900026000052354	
	0315	1	1644	Mountain whitefish	430	720	SCALES	0	PIT	900026000055373	
	0315	1	1645	Mountain whitefish	225	142	SCALES	0			
	0315	1	1646	Longnose sucker	384	664		0			
	0315	1	1647	Longnose sucker	362	648		0			
	0315	1	1648	Mountain whitefish	404	676	SCALES	0	PIT	900026000034920	
	0315	1	1649	Mountain whitefish	422	552	SCALES	0	PIT	900026000051803	
	0315	1	1650	Mountain whitefish	447	914	SCALES	0	PIT	900026000053794	
	0315	1	1651	Arctic grayling	352	536	SCALES	4	0	PIT	900026000055602
	0315	1	1652	Mountain whitefish	241	142	SCALES	0			
	0315	1	1653	Mountain whitefish	252	170	SCALES	0	PIT	900026000051253	
	0315	1	1654	Mountain whitefish	283	220	SCALES	0	PIT	900026000055609	
	0315	1	1655	Rainbow trout	342	574	SCALES	2	PIT	900026000051533	
	0315	1	1656	Mountain whitefish	289	280	SCALES	0	PIT	900026000033430	
	0315	1	1657	Mountain whitefish	377	490	SCALES	0	PIT	900026000053618	
	0315	1	1658	Mountain whitefish	286	230	SCALES	0	PIT	900026000055600	
	0315	1	1659	Mountain whitefish	237	150	SCALES	0			
	0315	1	1660	Mountain whitefish	309	270	SCALES	2	PIT	965000000243070	
	0315	1	1661	Mountain whitefish	254	166	SCALES	2	PIT	900026000063292	
	0315	1	1662	Mountain whitefish	456	888	SCALES	2	PIT	965000000243848	
	0315	1	1663	Mountain whitefish	296	230	SCALES	0	PIT	900026000054110	
	0315	1	1664	Mountain whitefish	286	210	SCALES	4	2	PIT	965000000092630
	0315	1	1665	Mountain whitefish	284	238	SCALES	2	PIT	900026000034954	
	0315	1	1666	Mountain whitefish	266	182	SCALES	0	PIT	900026000051447	
	0315	1	1667	Mountain whitefish	294	262	SCALES	2	PIT	965000000281716	
	0315	1	1668	Mountain whitefish	301	260	SCALES	2	PIT	965000000281737	
	0315	1	1669	Mountain whitefish	207	92	SCALES	0			
	0315	1	1670	Mountain whitefish	285	234	SCALES	2	PIT	900026000051400	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0315	1	1671	Mountain whitefish	328	310	SCALES	0	PIT	900026000035385	
	0315	1	1672	Mountain whitefish	374	510	SCALES	0	PIT	900026000056730	
	0315	1	1673	Mountain whitefish	297	288	SCALES	0	PIT	900026000057234	
	0315	1	1674	Mountain whitefish	314	308	SCALES	0	PIT	900026000034900	
	0315	1	1675	Mountain whitefish	200	100	SCALES	0			
	0315	1	1676	Mountain whitefish	305	290	SCALES	0	PIT	900026000033593	
	0315	1	1677	Mountain whitefish	313	316	SCALES	2	PIT	900026000057324	
	0315	1	1678	Mountain whitefish	284	246	SCALES	2	PIT	965000000281735	
	0315	1	1679	Mountain whitefish	286	256	SCALES	2	PIT	900026000053853	
	0315	1	1680	Mountain whitefish	324	374	SCALES	0	PIT	900026000057376	
	0315	1	1681	Longnose sucker	375	648		0			
	0315	1	1682	Mountain whitefish	269	198	SCALES	0	PIT	900026000055198	
	0315	1	1683	Mountain whitefish	300	304	SCALES	0	PIT	900026000052155	
	0315	1	1684	Mountain whitefish	203	90	SCALES	3	0		
	0315	1	1685	Mountain whitefish	260	176	SCALES	4	0	PIT	900026000056994
	0315	1	1686	Mountain whitefish	270	186	SCALES	0	PIT	900026000053693	
	0315	1	1687	Mountain whitefish	212	100	SCALES	2	0		
	0315	1	1688	Mountain whitefish	275	194	SCALES	0	PIT	900026000053680	
	0315	1	1689	Mountain whitefish	257	192	SCALES	0	PIT	900026000051510	
	0316	1	1690	Longnose sucker	398	876		0			
	0316	1	1691	Longnose sucker	386	688		0			
	0316	1	1692	Longnose sucker	340	528		0			
	0316	1	1693	Longnose sucker	397	764		0			
	0316	1	1694	Longnose sucker	440	1150		0			
	0316	1	1695	Longnose sucker	383	784		0			
	0316	1	1696	Longnose sucker	422	912		0			
	0316	1	1697	Longnose sucker	367	614		0			
	0316	1	1698	Longnose sucker	398	816		0			
	0316	1	1699	Longnose sucker	361	622		0			
	0316	1	1700	Longnose sucker	357	594		0			
	0316	1	1701	Mountain whitefish	324	330	SCALES	0			
	0316	1	1702	Mountain whitefish	263	244	SCALES	0			
	0316	1	1703	Mountain whitefish	300	254	SCALES	2	PIT	965000000244490	
	0316	1	1704	Arctic grayling	354	578	SCALES	5	2	PIT	900026000060828
	0316	1	1705	Arctic grayling	250	218	SCALES	2	0	PIT	900026000055726
	0316	1	1706	Rainbow trout	319	430	SCALES	0	PIT	900026000035316	
	0316	1	1707	Rainbow trout	300	428	SCALES	0	PIT	900026000052443	
	0316	1	1708	Rainbow trout	238	176	SCALES	0			
	0316	1	1709	Bull trout	488	1168	FIN RAY	4	0	PIT	900026000051530
	0316	1	1710	Rainbow trout	381	590	SCALES	0	PIT	900026000053462	
	0316	1	1711	Mountain whitefish	251	164	SCALES	0	PIT	900026000051690	
	0316	1	1712	Mountain whitefish	291	236	SCALES	0	PIT	900026000056078	
	0316	1	1713	Mountain whitefish	307	280	SCALES	6	0	PIT	900026000055661
	0316	1	1714	Mountain whitefish	221	128	SCALES	0			
	0316	1	1715	Mountain whitefish	216	98	SCALES	0			
	0316	1	1716	Mountain whitefish	205	96	SCALES	0			
	0316	1	1717	Mountain whitefish	199	82	SCALES	0			
	0316	1	1718	Mountain whitefish	248	172	SCALES	0			
	0316	1	1719	Mountain whitefish	313	288	SCALES	2	PIT	965000000242972	
	0316	1	1720	Mountain whitefish	214		SCALES	0			
	0316	1	1721	Mountain whitefish	278	224	SCALES	0	PIT	900026000053347	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0316	1	1722	Mountain whitefish	285			SCALES		0	
	0316	1	1723	Mountain whitefish	251	174		SCALES		0	PIT
	0316	1	1724	Mountain whitefish	185	76		SCALES		0	
	0316	1	1725	Mountain whitefish	262	194		SCALES		0	PIT
	0316	1	1726	Mountain whitefish	181	58		SCALES		0	
	0316	1	1727	Mountain whitefish	198	80		SCALES		0	
	0316	1	1728	Mountain whitefish	291	242		SCALES		0	PIT
	0316	1	1729	Mountain whitefish	200	84		SCALES		0	
	0316	1	1730	Mountain whitefish	256	176		SCALES		0	PIT
	0316	1	1731	Mountain whitefish	218	124		SCALES		0	
	0316	1	1732	Mountain whitefish	270	192		SCALES	2		PIT
	0316	1	1733	Mountain whitefish	211	96		SCALES		0	
	0316	1	1734	Mountain whitefish	242	134		SCALES		0	
	0316	1	1735	Mountain whitefish	230	158		SCALES		0	
	0316	1	1736	Mountain whitefish	224	140		SCALES		0	
	0316	1	1737	Mountain whitefish	183	68		SCALES		0	
	0316	1	1738	Mountain whitefish	207	94		SCALES		0	
	0316	1	1739	Mountain whitefish	363	372		SCALES	2		PIT
	0316	1	1740	Mountain whitefish	307	260		SCALES	0		PIT
	0316	1	1741	Mountain whitefish	387	534		SCALES	2		FLOY
	0316	1	1742	Mountain whitefish	314	292		SCALES	2		PIT
	0316	1	1743	Mountain whitefish	273	228		SCALES	2		PIT
	0316	1	1744	Mountain whitefish	276	210		SCALES	2		PIT
	0316	1	1745	Mountain whitefish	287	246		SCALES	0		PIT
	0316	1	1746	Mountain whitefish	226	112		SCALES		0	
	0316	1	1747	Mountain whitefish	244	186		SCALES		0	
	0316	1	1748	Mountain whitefish	193	86		SCALES		0	
	0316	1	1749	Mountain whitefish	184	66		SCALES		0	
	0309	1	1750	Longnose sucker	357	590				0	
	0309	1	1751	Mountain whitefish	373	492		SCALES	2		PIT
	0309	1	1752	Mountain whitefish	373	458		SCALES	0		PIT
	0309	1	1753	Longnose sucker	369	696				0	
	0309	1	1754	Mountain whitefish	442	918		SCALES	0		PIT
	0309	1	1755	Mountain whitefish	299	258		SCALES	2		PIT
	0309	1	1756	Mountain whitefish	284	230		SCALES		4	PIT
	0309	1	1757	Mountain whitefish	269	222		SCALES	0		PIT
	0309	1	1758	Mountain whitefish	277	246		SCALES	0		PIT
	0309	1	1759	Mountain whitefish	310	282		SCALES	0		PIT
	0309	1	1760	Mountain whitefish	289	230		SCALES	0		PIT
	0309	1	1761	Mountain whitefish	265	194		SCALES	0		PIT
	0309	1	1762	Mountain whitefish	354	400		SCALES	0		PIT
	0309	1	1763	Mountain whitefish	255	180		SCALES	0		PIT
	0309	1	1764	Mountain whitefish	277	242		SCALES		4	PIT
	0309	1	1765	Mountain whitefish	259	176		SCALES	2		PIT
	0309	1	1766	Mountain whitefish	237	152		SCALES		3	0
	0309	1	1767	Mountain whitefish	214	108		SCALES		0	
	0309	1	1768	Bull trout	271	176		FIN RAY		4	PIT
	0309	1	1769	Mountain whitefish	281	244		SCALES	2		PIT
	0309	1	1770	Mountain whitefish	336	352		SCALES	2		PIT
	0309	1	1771	Mountain whitefish	270	226		SCALES	0		PIT
	0309	1	1772	Mountain whitefish	285	234		SCALES	0		PIT

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0309	1	1773	Mountain whitefish	285	250	SCALES		2	PIT	96500000005634	
0309	1	1774	Mountain whitefish	236	138	SCALES		0			
0309	1	1775	Mountain whitefish	226	118	SCALES		0			
0309	1	1776	Mountain whitefish	244	170	SCALES		0			
0309	1	1777	Mountain whitefish	226	128	SCALES		0			
0309	1	1778	Mountain whitefish	271	222	SCALES		0	PIT	900026000033518	
0309	1	1779	Mountain whitefish	217	114	SCALES		0			
0309	1	1780	Mountain whitefish	231	126	SCALES		0			
0309	1	1781	Mountain whitefish	270	224	SCALES		0	PIT	900026000055842	
0309	1	1782	Mountain whitefish	207	92	SCALES		0			
0309	1	1783	Mountain whitefish	348	380	SCALES		0	PIT	965000000281690	
0309	1	1784	Mountain whitefish	291	254	SCALES		2	PIT	900026000064546	
0309	1	1785	Mountain whitefish	290	232	SCALES		0	PIT	900026000054060	
0309	1	1786	Mountain whitefish	192	82	SCALES		0			
0309	1	1787	Mountain whitefish	244	160	SCALES		0			
0309	1	1788	Mountain whitefish	299	268	SCALES		0	PIT	900026000052204	
0309	1	1789	Longnose sucker	387	784			0			
0309	1	1790	Longnose sucker	400	870			0			
0309	1	1791	Mountain whitefish	371	442	SCALES		0	PIT	900026000053994	
0309	1	1792	Mountain whitefish	318	314	SCALES		2	PIT	965000000067651	
0309	1	1793	Mountain whitefish	253	192	SCALES		0	PIT	900026000055190	
0309	1	1794	Mountain whitefish	257	206	SCALES		0	PIT	900026000055211	
0309	1	1795	Mountain whitefish	226	132	SCALES		0			
0309	1	1796	Bull trout	342	400	FIN RAY	4	0	PIT	900026000051502	
0309	1	1797	Mountain whitefish	298	280	SCALES		0	PIT	900026000055805	
0309	1	1798	Mountain whitefish	257	188	SCALES		0	PIT	900026000055143	
0309	1	1799	Mountain whitefish	286	212	SCALES		0	PIT	900026000055442	
0309	1	1800	Mountain whitefish	199	96	SCALES		0			
0309	1	1801	Mountain whitefish	281	216	SCALES	5	2	PIT	965000000071958	
0309	1	1802	Mountain whitefish	274	210	SCALES		0	PIT	900026000056234	
0309	1	1803	Mountain whitefish	268	202	SCALES		0	PIT	900026000053976	
0309	1	1804	Mountain whitefish	278	254	SCALES		2	PIT	965000000281266	
0309	1	1805	Mountain whitefish	304	272	SCALES		0	PIT	900026000055148	
0309	1	1806	Mountain whitefish	155	48	SCALES		0			
0309	1	1807	Bull trout	283	230	FIN RAY	4	0	PIT	900026000055380	
0309	1	1808	Mountain whitefish	250	174	SCALES		0	PIT	900026000033467	
0309	1	1809	Mountain whitefish	293	282	SCALES		2	PIT	965000000238737	
0309	1	1810	Mountain whitefish	384	496	SCALES		0	PIT	900026000051596	
0309	1	1811	Mountain whitefish	293	248	SCALES		2	PIT	965000000089477	
0309	1	1812	Mountain whitefish	264	206	SCALES		0	PIT	900026000054073	
0309	1	1813	Mountain whitefish	281	240	SCALES		0	PIT	900026000055258	
0309	1	1814	Mountain whitefish	268	204	SCALES		0	PIT	900026000063393	
0309	1	1815	Mountain whitefish	334	330	SCALES		0	PIT	900026000035115	
0309	1	1816	Mountain whitefish	418	688	SCALES		2	PIT	4D00044859	
0309	1	1817	Mountain whitefish	314	306	SCALES		0	PIT	900026000057442	
0309	1	1818	Mountain whitefish	119		SCALES		0			
0309	1	1819	Mountain whitefish	282	246	SCALES		2	PIT	900026000060385	
0309	1	1820	Mountain whitefish	292	252	SCALES		2	PIT	900026000065101	
0309	1	1821	Mountain whitefish	237	138	SCALES		0			
0309	1	1822	Mountain whitefish	300	272	SCALES		0	PIT	900026000034716	
0309	1	1823	Mountain whitefish	233	138	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0309	1	1824	Mountain whitefish	279	216	SCALES		0	PIT	900026000056274	
0309	1	1825	Mountain whitefish	241	142	SCALES		0			
0309	1	1826	Mountain whitefish	238	150	SCALES		0			
0309	1	1827	Mountain whitefish	276	206	SCALES		0	PIT	900026000053962	
0309	1	1828	Mountain whitefish	263	180	SCALES	3	0	PIT	900026000055479	
0309	1	1829	Mountain whitefish	287	228	SCALES		0	PIT	900026000055335	
0309	1	1830	Mountain whitefish	290	252	SCALES		0	PIT	900026000052184	
0309	1	1831	Mountain whitefish	216	124	SCALES		0			
0302	2	3248	Longnose sucker	397	760			0			
0302	2	3249	Walleye	464	1122			2	PIT	4B1D6E0239	
0302	2	3250	Longnose sucker	380	776			0			
0302	2	3251	Longnose sucker	363	694			0			
0302	2	3252	Longnose sucker	407	826			0			
0302	2	3253	Longnose sucker	380	692			0			
0302	2	3254	Longnose sucker	386	674			0			
0302	2	3255	Longnose sucker	328	422			0			
0302	2	3256	Mountain whitefish	344	400	SCALES		0	PIT	900026000148830	
0302	2	3257	Bull trout	368	500	FIN RAY	4	0	PIT	900026000148804	
0302	2	3258	Longnose sucker	379	768			0			
0302	2	3259	Mountain whitefish	311	330	SCALES		0	PIT	900026000148137	
0302	2	3260	Mountain whitefish	422	634	SCALES		2	PIT	900026000060876	
0302	2	3261	Mountain whitefish	293	226	SCALES		0	PIT	900026000148001	
0302	2	3262	Mountain whitefish	354	444	SCALES		0	PIT	900026000148740	
0302	2	3263	Mountain whitefish	308	288	SCALES		2	PIT	965000000281092	
0302	2	3264	Mountain whitefish	210	98	SCALES		0			
0302	2	3265	Mountain whitefish	289	244	SCALES		2	PIT	900026000060391	
0302	2	3266	Mountain whitefish	304	290	SCALES		0	PIT	900026000148068	
0302	2	3267	Mountain whitefish	276	236	SCALES	5	0	PIT	900026000148639	
0302	2	3268	Mountain whitefish	310	320	SCALES	5	0	PIT	900026000148770	
0302	2	3269	Mountain whitefish	267	178	SCALES		2	PIT	900026000064358	
0302	2	3270	Mountain whitefish	293	234	SCALES		2	PIT	965000000072361	
0302	2	3271	Mountain whitefish	274	210	SCALES		0	PIT	900026000148132	
0302	2	3272	Mountain whitefish	309	290	SCALES		0	PIT	900026000148568	
0302	2	3273	Mountain whitefish	325	324	SCALES		2	PIT	965000000093361	
0302	2	3274	Mountain whitefish	280	236	SCALES		2	PIT	900026000051279	
0302	2	3275	Mountain whitefish	309	282	SCALES		0	PIT	900026000148437	
0302	2	3276	Mountain whitefish	246	168	SCALES		0			
0302	2	3277	Mountain whitefish	272	234	SCALES		0	PIT	900026000148406	
0302	2	3278	Mountain whitefish	288	226	SCALES		0	PIT	900026000148637	
0302	2	3279	Mountain whitefish	272	208	SCALES		0	PIT	900026000148897	
0302	2	3280	Mountain whitefish	299	264	SCALES		0	PIT	900026000148080	
0302	2	3281	Rainbow trout	199	100	SCALES		0			
0302	2	3282	Mountain whitefish	314	300	SCALES		2	PIT	965000000071956	
0302	2	3283	Mountain whitefish	446	732	SCALES		0	PIT	900026000148096	
0302	2	3284	Mountain whitefish	310	324	SCALES		2	PIT	965000000244798	
0302	2	3285	Mountain whitefish	303	284	SCALES		2	PIT	900026000061311	
0302	2	3286	Mountain whitefish	292	250	SCALES		0	PIT	900026000148338	
0302	2	3287	Mountain whitefish	240	148	SCALES		0			
0302	2	3288	Mountain whitefish	321	274	SCALES	5	2	PIT	965000000241775	
0302	2	3289	Mountain whitefish	327	286	SCALES		0	PIT	900026000148062	
0302	2	3290	Mountain whitefish	303	270	SCALES		0	PIT	900026000148894	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0302	2	3291	Mountain whitefish	348	338	SCALES	2	PIT	900026000063844	
	0302	2	3292	Mountain whitefish	251	172	SCALES	0	PIT	900026000148521	
	0302	2	3293	Mountain whitefish	252	164	SCALES	0	PIT	900026000148841	
	0302	2	3294	Mountain whitefish	198	88	SCALES	0			
	0302	2	3295	Mountain whitefish	204	90	SCALES	0			
	0301	2	3296	Rainbow trout	354	664	SCALES	0	PIT	900026000083325	
	0301	2	3297	Longnose sucker	409	848		0			
	0301	2	3298	Longnose sucker	360	526		0			
	0301	2	3299	Longnose sucker	404	882		0			
	0301	2	3300	Longnose sucker	459	1176		0			
	0301	2	3301	Longnose sucker	413	964		0			
	0301	2	3302	Longnose sucker	410	798		0			
	0301	2	3303	Longnose sucker	414	994		0			
	0301	2	3304	Rainbow trout	232	180	SCALES	0			
	0301	2	3305	Longnose sucker	419	940		0			
	0301	2	3306	Longnose sucker	404	786		0			
	0301	2	3307	Mountain whitefish	183	78	SCALES	0			
	0301	2	3308	Mountain whitefish	249	178	SCALES	0			
	0301	2	3309	Mountain whitefish	320	296	SCALES	0	PIT	900026000083537	
	0301	2	3310	Mountain whitefish	268	212	SCALES	0	PIT	900026000148353	
	0301	2	3311	Mountain whitefish	300	260	SCALES	0	PIT	900026000148609	
	0301	2	3312	Mountain whitefish	186	74	SCALES	0			
	0301	2	3313	Mountain whitefish	279	258	SCALES	0	PIT	900026000148514	
	0301	2	3314	Mountain whitefish	263	198	SCALES	5	0	PIT	900026000148827
	0301	2	3315	Mountain whitefish	276	226	SCALES	2	PIT	900026000056481	
	0301	2	3316	Mountain whitefish	283	234	SCALES	2	PIT	900026000035214	
	0301	2	3317	Mountain whitefish	274	196	SCALES	2	PIT	900026000063937	
	0301	2	3318	Mountain whitefish	273	204	SCALES	2	PIT	965000000246894	
	0301	2	3319	Mountain whitefish	277	230	SCALES	0	PIT	900026000148422	
	0301	2	3320	Mountain whitefish	266	218	SCALES	0	PIT	900026000083463	
	0301	2	3321	Mountain whitefish	210		SCALES	0			
	0301	2	3322	Mountain whitefish	285	272	SCALES	0	PIT	900026000148219	
	0301	2	3323	Mountain whitefish	325	332	SCALES	0	PIT	900026000148855	
	0301	2	3324	Mountain whitefish	408	540	SCALES	2	PIT	965000000246379	
	0301	2	3325	Mountain whitefish	264	196	SCALES	2	PIT	900026000065241	
	0301	2	3326	Mountain whitefish	429	634	SCALES	2	PIT	965000000243444	
	0301	2	3327	Mountain whitefish	174	60	SCALES	0			
	0301	2	3328	Mountain whitefish	291	218	SCALES	0	PIT	900026000148128	
	0301	2	3329	Mountain whitefish	297	264	SCALES	0	PIT	900026000148780	
	0301	2	3330	Mountain whitefish	254	202	SCALES	0	PIT	900026000148644	
	0301	2	3331	Mountain whitefish	184	75	SCALES	0			
	0301	2	3332	Mountain whitefish	289	266	SCALES	2	PIT	965000000080751	
	0301	2	3333	Mountain whitefish	288	240	SCALES	0	PIT	900026000148520	
	0301	2	3334	Mountain whitefish	200	94	SCALES	0			
	0301	2	3335	Mountain whitefish	265	198	SCALES	0	PIT	900026000148233	
	0301	2	3336	Mountain whitefish	300	276	SCALES	0	PIT	900026000148055	
	0301	2	3337	Mountain whitefish	342	366	SCALES	0	PIT	900026000148883	
	0301	2	3338	Mountain whitefish	228	124	SCALES	0			
	0301	2	3339	Mountain whitefish	255	152	SCALES	0	PIT	900026000148629	
	0301	2	3340	Mountain whitefish	263	184	SCALES	3	0	PIT	900026000083296
	0301	2	3341	Mountain whitefish	273	202	SCALES	0	PIT	900026000148228	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0301	2	3342	Mountain whitefish	263	192	SCALES	2	PIT	96500000090856	
	0301	2	3343	Mountain whitefish	307	278	SCALES	0	PIT	900026000148443	
	0301	2	3344	Mountain whitefish	320	286	SCALES	2	PIT	965000000068453	
	0301	2	3345	Mountain whitefish	255	172	SCALES	0			
	0301	2	3346	Mountain whitefish	258	172	SCALES	0	PIT	900026000148407	
	0301	2	3347	Mountain whitefish	324	364	SCALES	2	PIT	965000000247667	
	0301	2	3348	Mountain whitefish	235	148	SCALES	0			
	0301	2	3349	Mountain whitefish	313	308	SCALES	2	PIT	900026000034632	
	0301	2	3350	Mountain whitefish	280	250	SCALES	5	0	PIT	900026000148716
	0301	2	3351	Mountain whitefish	318	324	SCALES	0	PIT	900026000083468	
	0301	2	3352	Mountain whitefish	219	110	SCALES	0			
	0301	2	3353	Mountain whitefish	273	194	SCALES	2	PIT	900026000051868	
	0301	2	3354	Mountain whitefish	282	252	SCALES	0	PIT	900026000148365	
	0301	2	3355	Mountain whitefish	276	226	SCALES	2	PIT	965000000083759	
	0301	2	3356	Mountain whitefish	284	226	SCALES	0	PIT	900026000148670	
	0301	2	3357	Mountain whitefish	272	204	SCALES	0	PIT	900026000148832	
	0301	2	3358	Mountain whitefish	277	244	SCALES	0	PIT	900026000148314	
	0301	2	3359	Mountain whitefish	271	220	SCALES	0	PIT	900026000148386	
	0301	2	3360	Mountain whitefish	274	212	SCALES	2	PIT	900026000056027	
	0301	2	3361	Mountain whitefish	264	196	SCALES	2	PIT	900026000057393	
	0301	2	3362	Mountain whitefish	250	172	SCALES	0	PIT	900026000148352	
	0301	2	3363	Mountain whitefish	291	236	SCALES	2	PIT	965000000006428	
	0301	2	3364	Mountain whitefish	278	236	SCALES	0	PIT	900026000148681	
	0301	2	3365	Mountain whitefish	287	266	SCALES	2	PIT	965000000079323	
	0301	2	3366	Mountain whitefish	255	210	SCALES	2	PIT	900026000054379	
	0301	2	3367	Mountain whitefish	224	140	SCALES	3	0		
	0301	2	3368	Mountain whitefish	267	220	SCALES	0	PIT	900026000083307	
	0301	2	3369	Mountain whitefish	314	342	SCALES	0	PIT	900026000083902	
	0301	2	3370	Mountain whitefish	215	126	SCALES	0			
	0301	2	3371	Mountain whitefish	282	234	SCALES	0	PIT	900026000083825	
	0301	2	3372	Mountain whitefish	248	172	SCALES	0			
	0301	2	3373	Mountain whitefish	251	172	SCALES	0	PIT	900026000148929	
	0301	2	3374	Mountain whitefish	282	240	SCALES	2	PIT	965000000281322	
	0301	2	3375	Bull trout	290	240	FIN RAY	4	0	PIT	900026000148067
	0303	2	3376	Longnose sucker	384	682		0			
	0303	2	3377	Longnose sucker	380	678		0			
	0303	2	3378	White sucker	387	708		0			
	0303	2	3379	Mountain whitefish	285	254	SCALES	2	PIT	965000000079323	
	0303	2	3380	Mountain whitefish	289	262	SCALES	2	PIT	965000000080751	
	0303	2	3381	Mountain whitefish	310	342	SCALES	0	PIT	900026000148108	
	0303	2	3382	Mountain whitefish	284	206	SCALES	2	PIT	965000000093222	
	0303	2	3383	Mountain whitefish	247	172	SCALES	0			
	0303	2	3384	Longnose sucker	409	970		0			
	0303	2	3385	Longnose sucker	388	822		0			
	0303	2	3386	Mountain whitefish	283	230	SCALES	2	PIT	965000000088261	
	0303	2	3387	Mountain whitefish	369	286	SCALES	2	PIT	965000000070581	
	0303	2	3388	Mountain whitefish	277	216	SCALES	0	PIT	900026000148267	
	0303	2	3389	Mountain whitefish	291	244	SCALES	2	PIT	900026000055861	
	0303	2	3390	Mountain whitefish	253	178	SCALES	0	PIT	900026000148335	
	0303	2	3391	Mountain whitefish	222	108	SCALES	0			
	0303	2	3392	Mountain whitefish	293	250	SCALES	0	PIT	900026000148799	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0303	2	3393	Bull trout	239	120	FS	3	0	PIT	900026000148328
	0303	2	3394	Mountain whitefish	228	114	SCALES		0		
	0303	2	3395	Mountain whitefish	245	150	SCALES		0		
	0303	2	3396	Mountain whitefish	286	224	SCALES	5	0	PIT	900026000148403
	0303	2	3397	Mountain whitefish	181	72	SCALES		0		
	0303	2	3398	Mountain whitefish	132	22	SCALES		0		
	0303	2	3399	Mountain whitefish	204	94	SCALES		0		
	0304	2	3400	Longnose sucker	391	756			2	PIT	965000000277975
	0304	2	3401	Longnose sucker	424	1000			0		
	0304	2	3402	Longnose sucker	426	912			0		
	0304	2	3403	Longnose sucker	398				0		
	0304	2	3404	Longnose sucker	346	498			0		
	0304	2	3405	Longnose sucker	419	926			2	PIT	965000000075752
	0304	2	3406	Mountain whitefish	303	292	SCALES		2	PIT	900026000063143
	0304	2	3407	Mountain whitefish	313	338	SCALES		0	PIT	900026000148343
	0304	2	3408	Mountain whitefish	247	176	SCALES		0		
	0304	2	3409	Mountain whitefish	426	770	SCALES		0	PIT	900026000148180
	0304	2	3410	Mountain whitefish	302	236	SCALES		0	PIT	900026000148145
	0304	2	3411	Mountain whitefish	255	168	SCALES		2	PIT	900026000033592
	0304	2	3412	Mountain whitefish	333	376	SCALES		2	PIT	965000000245475
	0304	2	3413	Mountain whitefish	307	306	SCALES		2	PIT	965000000246096
	0304	2	3414	Mountain whitefish	324	334	SCALES		0	PIT	900026000083725
	0304	2	3415	Mountain whitefish	227	118	SCALES		0		
	0304	2	3416	Mountain whitefish	302	240	SCALES		2	PIT	900026000063717
	0304	2	3417	Mountain whitefish	263	188	SCALES		0	PIT	900026000148425
	0304	2	3418	Mountain whitefish	262	176	SCALES	4	0	PIT	900026000148222
	0304	2	3419	Mountain whitefish	270	224	SCALES		2	PIT	900026000054299
	0304	2	3420	Mountain whitefish	300	244	SCALES		0	PIT	900026000148440
	0304	2	3421	Mountain whitefish	296	250	SCALES		0	PIT	900026000148405
	0304	2	3422	Mountain whitefish	268	202	SCALES	3	0	PIT	900026000148153
	0304	2	3423	Mountain whitefish	271	216	SCALES		0	PIT	900026000148753
	0304	2	3424	Mountain whitefish	301	282	SCALES	4	0	PIT	900026000148578
	0304	2	3425	Mountain whitefish	301	282	SCALES		0	PIT	900026000148790
	0304	2	3426	Mountain whitefish	359	386	SCALES		2	PIT	4D00012219
	0304	2	3427	Mountain whitefish	296	256	SCALES		0	PIT	900026000148245
	0304	2	3428	Mountain whitefish	278	220	SCALES		0	PIT	900026000148039
	0304	2	3429	Mountain whitefish	251	180	SCALES		0	PIT	900026000083272
	0304	2	3430	Mountain whitefish	292	270	SCALES		0	PIT	900026000083267
	0304	2	3431	Mountain whitefish	315	312	SCALES		0	PIT	900026000148462
	0304	2	3432	Mountain whitefish	274	224	SCALES		0	PIT	900026000148035
	0304	2	3433	Mountain whitefish	328	294	SCALES		5	PIT	900026000148937
	0304	2	3434	Mountain whitefish	358	424	SCALES		0	PIT	900026000148112
	0304	2	3435	Mountain whitefish	239	160	SCALES	4	0		
	0304	2	3436	Mountain whitefish	196	80	SCALES		0		
	0304	2	3437	Mountain whitefish	349	430	SCALES		0	PIT	900026000148523
	0304	2	3438	Longnose sucker	347	560			0		
	0304	2	3439	Mountain whitefish	294	244	SCALES		0	PIT	900026000148124
	0304	2	3440	Mountain whitefish	208	98	SCALES		0		
	0304	2	3441	Mountain whitefish	308	322	SCALES		2	PIT	965000000242886
	0304	2	3442	Mountain whitefish	339	332	SCALES		2	PIT	900026000061900
	0304	2	3443	Mountain whitefish	273	194	SCALES		0	PIT	900026000148631

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0305	2	3444	Northern pikeminnow	500			0			
	0305	2	3445	Walleye	487		FIN RAY	0	PIT	900026000148545	
	0305	2	3446	Longnose sucker	250			0			
	0305	2	3447	Northern pikeminnow	257			0			
	0305	2	3448	Longnose sucker	392			0			
	0305	2	3449	Northern pikeminnow	332			0			
	0305	2	3450	Longnose sucker	284			0			
	0305	2	3451	Longnose sucker	230			0			
	0305	2	3452	Mountain whitefish	384		SCALES	0	PIT	900026000083532	
	0305	2	3453	Mountain whitefish	326		SCALES	0	PIT	900026000148479	
	0305	2	3454	Mountain whitefish	280		SCALES	0	PIT	900026000148864	
	0305	2	3455	Mountain whitefish	387		SCALES	2	FLOY		10410YELLOW
	0305	2	3456	Mountain whitefish	346		SCALES	2	FLOY		5925YELLOW
	0305	2	3457	Mountain whitefish	358		SCALES	0	PIT	900026000148262	
	0305	2	3458	Mountain whitefish	296		SCALES	0	PIT	900026000083348	
	0305	2	3459	Mountain whitefish	325		SCALES	2	PIT	96500000067650	
	0305	2	3460	Mountain whitefish	307		SCALES	0	PIT	900026000148784	
	0305	2	3461	Mountain whitefish	299		SCALES	2	PIT	900026000057477	
	0305	2	3462	Northern pikeminnow	226			0			
	0305	2	3463	Mountain whitefish	307		SCALES	2	PIT	965000000246096	
	0305	2	3464	Mountain whitefish	287		SCALES	0	PIT	900026000148765	
	0305	2	3465	Mountain whitefish	333		SCALES	0	PIT	900026000148330	
	0305	2	3466	Mountain whitefish	400		SCALES	0	PIT	900026000148400	
	0305	2	3467	Mountain whitefish	350		SCALES	2	PIT	965000000080377	
	0305	2	3468	Mountain whitefish	150		SCALES	0			
	0305	2	3469	Mountain whitefish	257		SCALES	0	PIT	900026000083295	
	0305	2	3470	Mountain whitefish	329		SCALES	2	PIT	965000000240777	
	0305	2	3471	Largescale sucker	228			0			
	0305	2	3472	Mountain whitefish	320		SCALES	0	PIT	900026000148029	
	0305	2	3473	Mountain whitefish	271		SCALES	0	PIT	900026000147996	
	0305	2	3474	Mountain whitefish	315		SCALES	2	PIT	900026000064205	
	0305	2	3475	Mountain whitefish	254		SCALES	0	PIT	900026000148806	
	0305	2	3476	Mountain whitefish	313		SCALES	2	PIT	965000000247691	
	0305	2	3477	Mountain whitefish	309		SCALES	0	PIT	900026000148745	
	0305	2	3478	Mountain whitefish	330		SCALES	0	PIT	900026000148391	
	0305	2	3479	Mountain whitefish	198		SCALES	0			
	0305	2	3480	Mountain whitefish	340		SCALES	2	PIT	965000000078244	
	0305	2	3481	Mountain whitefish	273		SCALES	0	PIT	900026000148011	
	0305	2	3482	Mountain whitefish	271		SCALES	0	PIT	900026000148964	
	0305	2	3483	Mountain whitefish	322		SCALES	0	PIT	900026000148768	
	0305	2	3484	Mountain whitefish	221		SCALES	0			
	0305	2	3485	Mountain whitefish	310		SCALES	0	PIT	900026000148939	
	0305	2	3486	Mountain whitefish	259		SCALES	4	PIT	900026000148542	
	0305	2	3487	Mountain whitefish	333		SCALES	2	PIT	900026000034946	
	0305	2	3488	Mountain whitefish	312		SCALES	0	PIT	900026000148892	
	0305	2	3489	Mountain whitefish	298		SCALES	2	PIT	965000000072417	
	0305	2	3490	Mountain whitefish	346		SCALES	0	PIT	900026000148081	
	0305	2	3491	Mountain whitefish	301		SCALES	2	PIT	900026000056423	
	0305	2	3492	Mountain whitefish	294		SCALES	0	PIT	900026000148517	
	0305	2	3493	Mountain whitefish	358		SCALES	2	PIT	900026000055610	
	0305	2	3494	Mountain whitefish	295		SCALES	2	PIT	900026000051523	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0305	2	3495	Mountain whitefish	132	24	SCALES	0			
	0305	2	3496	Mountain whitefish	245	156	SCALES	0			
	0305	2	3497	Mountain whitefish	280	252	SCALES	0	PIT	900026000148424	
	0305	2	3498	Mountain whitefish	353	392	SCALES	0	PIT	900026000148612	
	0305	2	3499	Mountain whitefish	301	252	SCALES	2	PIT	900026000054622	
	0305	2	3500	Mountain whitefish	306	278	SCALES	5	0	PIT	900026000083634
	0305	2	3501	Mountain whitefish	335	366	SCALES	2	PIT	900026000064713	
	0305	2	3502	Mountain whitefish	293	226	SCALES	0	PIT	900026000148951	
	0305	2	3503	Mountain whitefish	294	256	SCALES	0	PIT	900026000148227	
	0305	2	3504	Mountain whitefish	280	196	SCALES	0	PIT	900026000148174	
	0305	2	3505	Mountain whitefish	340	386	SCALES	0	PIT	900026000148653	
	0305	2	3506	Mountain whitefish	279	202	SCALES	2	PIT	900026000054714	
	0305	2	3507	Mountain whitefish	396	478	SCALES	0	PIT	900026000148274	
	0305	2	3508	Mountain whitefish	386	530	SCALES	0	PIT	900026000148516	
	0305	2	3509	Mountain whitefish	320	260	SCALES	7	2	PIT	965000000244876
	0305	2	3510	Mountain whitefish	274	222	SCALES	4	0	PIT	900026000148392
	0305	2	3511	Longnose sucker	194	106		0			
	0305	2	3512	Mountain whitefish	314	284	SCALES	0	PIT	900026000148084	
	0305	2	3513	Mountain whitefish	366	430	SCALES	0	PIT	900026000148744	
	0305	2	3514	Mountain whitefish	140	32	SCALES	0			
	0305	2	3515	Mountain whitefish	336	316	SCALES	0	PIT	900026000148981	
	0305	2	3516	Mountain whitefish	157	38	SCALES	0			
	0305	2	3517	Mountain whitefish	293	252	SCALES	5	0	PIT	900026000148240
	0305	2	3518	Mountain whitefish	270	226	SCALES	0	PIT	900026000148614	
	0305	2	3519	Mountain whitefish	318	328	SCALES	0	PIT	900026000148860	
	0305	2	3520	Mountain whitefish	357	384	SCALES	6	2	PIT	965000000083886
	0305	2	3521	Mountain whitefish	202	84	SCALES	0			
	0305	2	3522	Mountain whitefish	298	274	SCALES	2	PIT	965000000078311	
	0305	2	3523	Mountain whitefish	322	322	SCALES	0	PIT	900026000148231	
	0305	2	3524	Mountain whitefish	140	30	SCALES	1			
	0307	2	3525	Longnose sucker	402	830		2	PIT	900026000033640	
	0307	2	3526	Northern pikeminnow	476	1140		0			
	0307	2	3527	Mountain whitefish	291	284	SCALES	0	PIT	900026000148140	
	0307	2	3528	Arctic grayling	231	160	SCALES	2	0		
	0307	2	3529	Rainbow trout	363	514	SCALES	2	PIT	900026000060571	
	0307	2	3530	Mountain whitefish	361	398	SCALES	6	0	PIT	900026000083605
	0307	2	3531	Mountain whitefish	327	274	SCALES	2	PIT	900026000052504	
	0307	2	3532	Mountain whitefish	338	376	SCALES	2	PIT	4D00031172	
	0307	2	3533	Mountain whitefish	285	318	SCALES	2	PIT	900026000035168	
	0307	2	3534	Mountain whitefish	296	248	SCALES	0	PIT	900026000148947	
	0307	2	3535	Mountain whitefish	212	110	SCALES	0			
	0307	2	3536	Mountain whitefish	284	210	SCALES	0	PIT	900026000148158	
	0307	2	3537	Mountain whitefish	248	156	SCALES	0			
	0307	2	3538	Mountain whitefish	145	36	SCALES	0			
	0307	2	3539	Mountain whitefish	342	362	SCALES	0	PIT	900026000083320	
	0307	2	3540	Mountain whitefish	186		SCALES	0			
	0307	2	3541	Rainbow trout	202	104	SCALES	0			
	0306	2	3542	Longnose sucker	385	698		0			
	0306	2	3543	Longnose sucker	317	412		0			
	0306	2	3544	Largescale sucker	434	966		0			
	0306	2	3545	Longnose sucker	401	766		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0306	2	3546	Longnose sucker	340			0			
	0306	2	3547	Longnose sucker	341			0			
	0306	2	3548	Longnose sucker	420			0			
	0306	2	3549	Largescale sucker	463			0			
	0306	2	3550	Longnose sucker	435			0			
	0306	2	3551	Longnose sucker	402			0			
	0306	2	3552	Longnose sucker	438			0			
	0306	2	3553	Longnose sucker	402			0			
	0306	2	3554	Longnose sucker	351			0			
	0306	2	3555	Mountain whitefish	394	SCALES		2	PIT	0A00716278	
	0306	2	3556	Northern pikeminnow	249			0			
	0306	2	3557	Mountain whitefish	285	SCALES	4	0	PIT	900026000147999	
	0306	2	3558	Mountain whitefish	314	SCALES		0	PIT	900026000148472	
	0306	2	3559	Mountain whitefish	285	SCALES		0	PIT	900026000148815	
	0306	2	3560	Longnose sucker	377			0			
	0306	2	3561	Longnose sucker	406			0			
	0306	2	3562	Longnose sucker	392			0			
	0306	2	3563	Longnose sucker	397			0			
	0306	2	3564	Mountain whitefish	273	SCALES		0	PIT	900026000148480	
	0306	2	3565	Mountain whitefish	291	SCALES	5	0	PIT	900026000148266	
	0306	2	3566	Mountain whitefish	407	SCALES	10	0	PIT	900026000148974	
	0306	2	3567	Mountain whitefish	283	SCALES		0	PIT	900026000148707	
	0306	2	3568	Mountain whitefish	357	SCALES		2	FLOY	16210	WHITE
	0306	2	3569	Bull trout	334		6	2	PIT	900026000054763	
	0306	2	3570	Mountain whitefish	284	SCALES		0	PIT	900026000148654	
	0306	2	3571	Mountain whitefish	237	SCALES		0			
	0306	2	3572	Mountain whitefish	236	SCALES		0			
	0306	2	3573	Mountain whitefish	273	SCALES		0	PIT	900026000148943	
	0306	2	3574	Longnose sucker	360			0			
	0306	2	3575	Mountain whitefish	273	SCALES		0	PIT	900026000148362	
	0306	2	3576	Mountain whitefish	270	SCALES		0	PIT	900026000148074	
	0306	2	3577	Longnose sucker	412			0			
	0306	2	3578	Mountain whitefish	301	SCALES		0	PIT	900026000148601	
	0306	2	3579	Mountain whitefish	282	SCALES		2	PIT	965000000104864	
	0306	2	3580	Mountain whitefish	304	SCALES		0	PIT	900026000148307	
	0306	2	3581	Mountain whitefish	240	SCALES		0			
	0306	2	3582	Mountain whitefish	227	SCALES		0			
	0306	2	3583	Mountain whitefish	272	SCALES	5	0	PIT	900026000148018	
	0306	2	3584	Mountain whitefish	276	SCALES	4	0	PIT	900026000148414	
	0306	2	3585	Mountain whitefish	255	SCALES		0	PIT	900026000083649	
	0306	2	3586	Mountain whitefish	255	SCALES		0	PIT	900026000148473	
	0306	2	3587	Bull trout	239	FS	3	0	PIT	900026000148658	
	0306	2	3588	Largescale sucker	163			0			
	0306	2	3589	Mountain whitefish	248	SCALES		0			
	0306	2	3590	Mountain whitefish	294	SCALES		0	PIT	900026000148302	
	0308	2	3591	Longnose sucker	399			0			
	0308	2	3592	Longnose sucker	395			0			
	0308	2	3593	Lake trout	521	FIN RAY		0	PIT	900026000055475	
	0308	2	3594	Mountain whitefish	324	SCALES		2	PIT	900026000060989	
	0308	2	3595	Longnose sucker	172			0			
	0308	2	3596	Longnose sucker	343			0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0308	2	3597	Rainbow trout	337	550	SCALES	2	PIT	900026000051533	
	0308	2	3598	Mountain whitefish	309	282	SCALES	0	PIT	900026000033502	
	0308	2	3599	Mountain whitefish	307	244	SCALES	0	PIT	900026000053967	
	0308	2	3600	Mountain whitefish	337	308	SCALES	2	PIT	900026000063851	
	0308	2	3601	Mountain whitefish	293	258	SCALES	0	PIT	900026000052360	
	0308	2	3602	Mountain whitefish	371	450	SCALES	0	PIT	900026000035138	
	0308	2	3603	Mountain whitefish	276	226	SCALES	2	PIT	965000000282545	
	0308	2	3604	Mountain whitefish	231	134	SCALES	0			
	0308	2	3605	Mountain whitefish	292	230	SCALES	0	PIT	900026000055296	
	0308	2	3606	Mountain whitefish	257	186	SCALES	0	PIT	900026000055632	
	0308	2	3607	Mountain whitefish	324	286	SCALES	0	PIT	900026000055650	
	0308	2	3608	Mountain whitefish	244	152	SCALES	0			
	0308	2	3609	Mountain whitefish	363	386	SCALES	2	FLOY	13284	WHITE
	0308	2	3610	Mountain whitefish	297	252	SCALES	0	PIT	900026000056291	
	0308	2	3611	Mountain whitefish	283	238	SCALES	2	PIT	965000000281735	
	0308	2	3612	Mountain whitefish	282	216	SCALES	0	PIT	900026000055913	
	0308	2	3613	Mountain whitefish	270	214	SCALES	2	PIT	965000000281501	
	0308	2	3614	Mountain whitefish	248	170	SCALES	0			
	0308	2	3615	Mountain whitefish	264	190	SCALES	0	PIT	900026000055378	
	0308	2	3616	Mountain whitefish	285	224	SCALES	0	PIT	900026000035362	
	0308	2	3617	Mountain whitefish	299	274	SCALES	0	PIT	900026000063926	
	0308	2	3618	Mountain whitefish	248	188	SCALES	0			
	0308	2	3619	Mountain whitefish	194	76	SCALES	0			
	0308	2	3620	Rainbow trout	344	500	SCALES	0	PIT	900026000051629	
	0308	2	3621	Mountain whitefish	341	336	SCALES	0	PIT	900026000056239	
	0308	2	3622	Mountain whitefish	213	118	SCALES	0			
	0308	2	3623	Mountain whitefish	293	240	SCALES	0	PIT	900026000063148	
	0314	2	3624	Northern pikeminnow	287	252		0			
	0314	2	3625	Northern pikeminnow	197	88		0			
	0314	2	3626	Longnose sucker	363	536		0			
	0314	2	3627	Largescale sucker	457	1160		0			
	0314	2	3628	Largescale sucker	477	1378		0			
	0314	2	3629	Walleye	401	738	FIN RAY	0	PIT	900026000148649	
	0314	2	3630	Mountain whitefish	281	246	SCALES	0	PIT	900026000148859	
	0314	2	3631	Mountain whitefish	423	656	SCALES	2	FLOY	14999	WHITE
	0314	2	3632	Mountain whitefish	346	440	SCALES	2	PIT	965000000244553	
	0314	2	3633	Bull trout	231	114	FS	3	0	PIT	900026000055586
	0314	2	3634	Mountain whitefish	380	490	SCALES	0	PIT	900026000083350	
	0314	2	3635	Mountain whitefish	195	90	SCALES	2	0		
	0314	2	3636	Mountain whitefish	328	312	SCALES	2	PIT	965000000244803	
	0314	2	3637	Mountain whitefish	270	216	SCALES	0	PIT	900026000055982	
	0314	2	3638	Mountain whitefish	292	280	SCALES	2	PIT	965000000280957	
	0314	2	3639	Mountain whitefish	248	172	SCALES	0			
	0314	2	3640	Mountain whitefish	273	236	SCALES	0	PIT	900026000148383	
	0314	2	3641	Mountain whitefish	139	36	SCALES	0			
	0314	2	3642	Mountain whitefish	298	290	SCALES	2	PIT	965000000086611	
	0314	2	3643	Mountain whitefish	378	424	SCALES	0	PIT	900026000051659	
	0314	2	3644	Mountain whitefish	239	132	SCALES	0			
	0314	2	3645	Mountain whitefish	165	60	SCALES	0			
	0314	2	3646	Mountain whitefish	276	226	SCALES	0	PIT	900026000083669	
	0314	2	3647	Mountain whitefish	186	76	SCALES	0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0314	2	3648	Mountain whitefish	311	322	SCALES	2	PIT	96500000085499	
	0314	2	3649	Mountain whitefish	257	172	SCALES	2	PIT	96500000000921	
	0314	2	3650	Mountain whitefish	333	284	SCALES	2	PIT	965000000245949	
	0314	2	3651	Mountain whitefish	277	266	SCALES	4	0	PIT	900026000056868
	0314	2	3652	Mountain whitefish	301	240	SCALES	0	PIT	900026000148703	
	0314	2	3653	Mountain whitefish	310	312	SCALES	2	PIT	900026000035301	
	0314	2	3654	Mountain whitefish	191	88	SCALES	0			
	0314	2	3655	Mountain whitefish	297	258	SCALES	2	PIT	900026000061151	
	0314	2	3656	Mountain whitefish	279	204	SCALES	0	PIT	900026000056195	
	0314	2	3657	Mountain whitefish	225	122	SCALES	0			
	0314	2	3658	Mountain whitefish	327	360	SCALES	2	PIT	0A00711946	
	0314	2	3659	Mountain whitefish	373	422	SCALES	0	PIT	900026000083887	
	0314	2	3660	Mountain whitefish	223	116	SCALES	0			
	0314	2	3661	Mountain whitefish	352	386	SCALES	0	PIT	900026000051770	
	0314	2	3662	Mountain whitefish	327	336	SCALES	2	PIT	4D00027346	
	0314	2	3663	Mountain whitefish	391	446	SCALES	0	PIT	900026000083425	
	0314	2	3664	Mountain whitefish	325	336	SCALES	2	PIT	965000000241809	
	0314	2	3665	Mountain whitefish	394	528	SCALES	0	PIT	900026000051951	
	0314	2	3666	Mountain whitefish	243	160	SCALES	3	0		
	0314	2	3667	Mountain whitefish	286	258	SCALES	0	PIT	900026000083733	
	0314	2	3668	Mountain whitefish	257	204	SCALES	0	PIT	900026000063250	
	0314	2	3669	Mountain whitefish	244	154	SCALES	0			
	0314	2	3670	Mountain whitefish	320	336	SCALES	0	PIT	900026000083230	
	0314	2	3671	Mountain whitefish	263	198	SCALES	0	PIT	900026000052392	
	0314	2	3672	Mountain whitefish	289	212	SCALES	2	PIT	900026000052246	
	0314	2	3673	Mountain whitefish	272	216	SCALES	2	PIT	965000000069360	
	0314	2	3674	Mountain whitefish	275	236	SCALES	0	PIT	900026000083610	
	0314	2	3675	Mountain whitefish	276	218	SCALES	0	PIT	900026000083946	
	0314	2	3676	Mountain whitefish	249	152	SCALES	0			
	0314	2	3677	Mountain whitefish	314	280	SCALES	6	0	PIT	900026000083345
	0314	2	3678	Mountain whitefish	321	310	SCALES	0	PIT	900026000083811	
	0314	2	3679	Mountain whitefish	284	240	SCALES	0	PIT	900026000083812	
	0314	2	3680	Bull trout	282	228	FIN RAY	4	0	PIT	900026000083570
	0314	2	3681	Mountain whitefish	306	304	SCALES	0	PIT	900026000083819	
	0314	2	3682	Mountain whitefish	222	140	SCALES	0			
	0314	2	3683	Mountain whitefish	290	256	SCALES	0	PIT	900026000148920	
	0314	2	3684	Mountain whitefish	287	270	SCALES	0	PIT	900026000083897	
	0311	2	3685	Walleye	535	1600	FIN RAY	0	PIT	900026000083873	
	0311	2	3686	White sucker	399	828		0			
	0311	2	3687	White sucker	368	692		0			
	0311	2	3688	Mountain whitefish	408	492	SCALES	0	PIT	900026000083418	
	0311	2	3689	Arctic grayling	256	236	SCALES	2	0	PIT	900026000083991
	0311	2	3690	Mountain whitefish	321	348	SCALES	0	PIT	900026000083602	
	0311	2	3691	Mountain whitefish	285	236	SCALES	0	PIT	900026000083244	
	0311	2	3692	Mountain whitefish	311	274	SCALES	5	2	PIT	965000000246320
	0311	2	3693	Mountain whitefish	288	230	SCALES	0	PIT	900026000083289	
	0311	2	3694	Mountain whitefish	275	204	SCALES	0	PIT	900026000083995	
	0311	2	3695	Mountain whitefish	216	100	SCALES	0			
	0311	2	3696	Mountain whitefish	411	562	SCALES	2	FLOY	10527	YELLOW
	0311	2	3697	Mountain whitefish	275	198	SCALES	2	PIT	900026000053953	
	0311	2	3698	Mountain whitefish	306	264	SCALES	0	PIT	900026000148866	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0311	2	3699	Mountain whitefish	280	230	SCALES	0	PIT	900026000083801	
	0311	2	3700	Mountain whitefish	418	680	SCALES	2	PIT	4D00020141	
	0311	2	3701	Mountain whitefish	308	256	SCALES	2	PIT	965000000084130	
	0311	2	3702	Mountain whitefish	288	244	SCALES	0	PIT	900026000083217	
	0311	2	3703	Mountain whitefish	220	114	SCALES	0			
	0311	2	3704	Mountain whitefish	275	208	SCALES	2	PIT	900026000055401	
	0311	2	3705	Mountain whitefish	279	226	SCALES	0	PIT	900026000083489	
	0311	2	3706	Mountain whitefish	272	208	SCALES	0	PIT	900026000148345	
	0311	2	3707	Mountain whitefish	219	104	SCALES	0			
	0311	2	3708	Mountain whitefish	222	108	SCALES	0			
	0311	2	3709	Mountain whitefish	209	98	SCALES	0			
	0311	2	3710	Mountain whitefish	314	284	SCALES	2	PIT	965000000248112	
	0311	2	3711	Mountain whitefish	326	352	SCALES	0	PIT	900026000083783	
	0311	2	3712	Mountain whitefish	317	304	SCALES	2	PIT	900026000053235	
	0311	2	3713	Mountain whitefish	374	386	SCALES	2	PIT	965000000008915	
	0311	2	3714	Mountain whitefish	288	230	SCALES	0	PIT	900026000083234	
	0311	2	3715	Mountain whitefish	220	116	SCALES	0			
	0311	2	3716	Mountain whitefish	212	102	SCALES	3	0		
	0311	2	3717	Mountain whitefish	249	172	SCALES	0			
	0311	2	3718	Mountain whitefish	239	130	SCALES	0			
	0311	2	3719	Mountain whitefish	349	434	SCALES	2	PIT	965000000244553	
	0311	2	3720	Mountain whitefish	368	456	SCALES	0	PIT	900026000083261	
	0311	2	3721	Mountain whitefish	254	186	SCALES	0	PIT	900026000083643	
	0311	2	3722	Mountain whitefish	308	238	SCALES	0	PIT	900026000083720	
	0311	2	3723	Mountain whitefish	279	204	SCALES	4	0	PIT	900026000083260
	0311	2	3724	Mountain whitefish	202	88	SCALES	0			
	0311	2	3725	Mountain whitefish	285	216	SCALES	0	PIT	900026000148076	
	0311	2	3726	Mountain whitefish	246	158	SCALES	0			
	0311	2	3727	Mountain whitefish	245	156	SCALES	0			
	0311	2	3728	Mountain whitefish	271	188	SCALES	2	PIT	900026000034868	
	0311	2	3729	Mountain whitefish	282	220	SCALES	0	PIT	900026000083370	
	0311	2	3730	Mountain whitefish	271	214	SCALES	0	PIT	900026000147994	
	0311	2	3731	Mountain whitefish	325	300	SCALES	0	PIT	900026000148786	
	0311	2	3732	Mountain whitefish	298	234	SCALES	0	PIT	900026000083616	
	0311	2	3733	Mountain whitefish	275	222	SCALES	2	PIT	900026000055451	
	0311	2	3734	Mountain whitefish	293	246	SCALES	0	PIT	900026000084128	
	0311	2	3735	Mountain whitefish	280	220	SCALES	0	PIT	900026000083294	
	0311	2	3736	Mountain whitefish	201	94	SCALES	0			
	0311	2	3737	Mountain whitefish	265	192	SCALES	0	PIT	900026000083559	
	0311	2	3738	Mountain whitefish	270	210	SCALES	0	PIT	900026000083872	
	0311	2	3739	Mountain whitefish	329	344	SCALES	2	PIT	965000000090027	
	0312	2	3740	Mountain whitefish	370	518	SCALES	0	PIT	900026000148216	
	0312	2	3741	Mountain whitefish	307	306	SCALES	0	PIT	900026000083937	
	0312	2	3742	Mountain whitefish	290	268	SCALES	2	PIT	965000000072583	
	0312	2	3743	Mountain whitefish	323	264	SCALES	2	PIT	900026000063924	
	0312	2	3744	Mountain whitefish	259	202	SCALES	0	PIT	900026000083549	
	0312	2	3745	Mountain whitefish	267	168	SCALES	0	PIT	900026000148238	
	0312	2	3746	Mountain whitefish	265	202	SCALES	2	PIT	965000000108077	
	0312	2	3747	Mountain whitefish	278	226	SCALES	0	PIT	900026000148299	
	0312	2	3748	Mountain whitefish	188	74	SCALES	0			
	0312	2	3749	Mountain whitefish	224	112	SCALES	0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0312	2	3750	Mountain whitefish	291	262	SCALES	2	PIT	900026000055340	
	0312	2	3751	Mountain whitefish	260	196	SCALES	0	PIT	900026000148748	
	0312	2	3752	Mountain whitefish	204	104	SCALES	0			
	0312	2	3753	Mountain whitefish	324	286	SCALES	2	FLOY	13774	WHITE
	0312	2	3754	Mountain whitefish	367	400	SCALES	7	0	PIT	900026000148066
	0312	2	3755	Mountain whitefish	284	236	SCALES	2	0	PIT	900026000055831
	0312	2	3756	Mountain whitefish	278	236	SCALES	0	0	PIT	900026000083816
	0312	2	3757	Mountain whitefish	281	230	SCALES	0	0	PIT	900026000083599
	0312	2	3758	Mountain whitefish	304	258	SCALES	2	0	PIT	96500000071680
	0312	2	3759	Mountain whitefish	200	80	SCALES	0	0		
	0312	2	3760	Mountain whitefish	256	202	SCALES	0	0	PIT	900026000083302
	0312	2	3761	Mountain whitefish	188	80	SCALES	0	0		
	0312	2	3762	Mountain whitefish	276	236	SCALES	0	0	PIT	900026000084141
	0312	2	3763	Mountain whitefish	267	212	SCALES	0	0	PIT	900026000083434
	0312	2	3764	Mountain whitefish	198	90	SCALES	0	0		
	0312	2	3765	Rainbow trout	175	66	SCALES	0	0		
	0312	2	3766	Mountain whitefish	279	216	SCALES	0	0	PIT	900026000083891
	0312	2	3767	Mountain whitefish	276	216	SCALES	4	0	PIT	900026000083403
	0312	2	3768	Mountain whitefish	214	94	SCALES	0	0		
	0312	2	3769	Mountain whitefish	275	238	SCALES	0	0	PIT	900026000083464
	0312	2	3770	Mountain whitefish	279	214	SCALES	2	0	PIT	900026000056073
	0312	2	3771	Mountain whitefish	277	202	SCALES	0	0	PIT	900026000148677
	0312	2	3772	Mountain whitefish	253	192	SCALES	0	0	PIT	900026000083399
	0312	2	3773	Mountain whitefish	299	206	SCALES	2	0	PIT	900026000051990
	0312	2	3774	Mountain whitefish	261	196	SCALES	0	0	PIT	900026000084008
	0312	2	3775	Mountain whitefish	232	146	SCALES	0	0		
	0312	2	3776	Mountain whitefish	333	344	SCALES	2	0	PIT	965000000238768
	0312	2	3777	Mountain whitefish	302	264	SCALES	0	0	PIT	900026000083593
	0312	2	3778	Mountain whitefish	307	260	SCALES	2	0	PIT	965000000072868
	0312	2	3779	Mountain whitefish	304	268	SCALES	2	0	PIT	900026000148866
	0312	2	3780	Mountain whitefish	329	300	SCALES	2	0	PIT	900026000035385
	0312	2	3781	Mountain whitefish	304	300	SCALES	2	0	PIT	900026000083819
	0312	2	3782	Mountain whitefish	267	204	SCALES	0	0	PIT	900026000083451
	0312	2	3783	Mountain whitefish	260	214	SCALES	0	0	PIT	900026000148463
	0312	2	3784	Mountain whitefish	301	210	SCALES	5	2	PIT	965000000092948
	0312	2	3785	Mountain whitefish	299	240	SCALES	0	0	PIT	900026000083839
	0312	2	3786	Mountain whitefish	284	222	SCALES	0	0	PIT	900026000083435
	0312	2	3787	Rainbow trout	194	96	SCALES	0	0		
	0312	2	3788	Bull trout	349	406		5	2	PIT	900026000056823
	0312	2	3789	Mountain whitefish	198	84	SCALES	0	0		
	0312	2	3790	Mountain whitefish	279	268	SCALES	2	0	PIT	900026000053527
	0312	2	3791	Mountain whitefish	316	308	SCALES	2	0	PIT	0A00711655
	0312	2	3792	Mountain whitefish	242	142	SCALES	0	0		
	0312	2	3793	Mountain whitefish	271	218	SCALES	2	0	PIT	900026000083946
	0312	2	3794	Mountain whitefish	301	272	SCALES	6	0	PIT	900026000148764
	0312	2	3795	Mountain whitefish	227	118	SCALES	0	0		
	0312	2	3796	Mountain whitefish	217	104	SCALES	0	0		
	0312	2	3797	Mountain whitefish	187	72	SCALES	0	0		
	0315	2	3798	Kokanee	100	2		0	0		
	0315	2	3799	Northern pikeminnow	418	854		0	0		
	0315	2	3800	Longnose sucker	370	668		0	0		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0315	2	3801	Bull trout	493		FIN RAY	7	0	PIT	900026000083310	
0315	2	3802	Longnose sucker	420				0			
0315	2	3803	Longnose sucker	424	996			0			
0315	2	3804	Northern pikeminnow	247	170			0			
0315	2	3805	Longnose sucker	381	718			0			
0315	2	3806	Longnose sucker	371	662			0			
0315	2	3807	Mountain whitefish	262	176	SCALES	4	0	PIT	900026000083283	
0315	2	3808	Mountain whitefish	166	46	SCALES		0			
0315	2	3809	Mountain whitefish	453	810	SCALES		0	PIT	900026000148439	
0315	2	3810	Mountain whitefish	338	338	SCALES		2	PIT	965000000247261	
0315	2	3811	Mountain whitefish	321	322	SCALES		2	PIT	965000000067341	
0315	2	3812	Mountain whitefish	352	366	SCALES		0	PIT	900026000083526	
0315	2	3813	Mountain whitefish	323	278	SCALES	6	0	PIT	900026000148359	
0315	2	3814	Mountain whitefish	399	610	SCALES		0	PIT	900026000148616	
0315	2	3815	Mountain whitefish	206	98	SCALES		0			
0315	2	3816	Mountain whitefish	301	294	SCALES		0	PIT	900026000083734	
0315	2	3817	Mountain whitefish	340	388	SCALES		2	FLOY	16503	WHITE
0315	2	3818	Mountain whitefish	283	226	SCALES		0	PIT	900026000148932	
0315	2	3819	Mountain whitefish	279	230	SCALES		0	PIT	900026000148259	
0315	2	3820	Mountain whitefish	311	270	SCALES		0	PIT	900026000083388	
0315	2	3821	Mountain whitefish	198	94	SCALES		0			
0315	2	3822	Mountain whitefish	262	206	SCALES		0	PIT	900026000148032	
0315	2	3823	Mountain whitefish	284	222	SCALES		2	PIT	965000000069737	
0315	2	3824	Mountain whitefish	322	358	SCALES		2	PIT	900026000056934	
0315	2	3825	Mountain whitefish	312	362	SCALES		0	PIT	900026000083471	
0315	2	3826	Mountain whitefish	317	342	SCALES		0	PIT	900026000083262	
0315	2	3827	Mountain whitefish	315	292	SCALES		0	PIT	900026000083646	
0315	2	3828	Mountain whitefish	273	192	SCALES		0	PIT	900026000083327	
0315	2	3829	Mountain whitefish	293	246	SCALES		2	PIT	965000000082742	
0315	2	3830	Mountain whitefish	255	172	SCALES		0	PIT	900026000083347	
0315	2	3831	Mountain whitefish	274	212	SCALES		0	PIT	900026000148733	
0315	2	3832	Mountain whitefish	238	164	SCALES		0			
0315	2	3833	Mountain whitefish	300	304	SCALES		0	PIT	900026000083697	
0315	2	3834	Mountain whitefish	310	276	SCALES		0	PIT	900026000083485	
0315	2	3835	Mountain whitefish	210	120	SCALES	3	0			
0315	2	3836	Mountain whitefish	394	546	SCALES		0	PIT	900026000083829	
0315	2	3837	Mountain whitefish	248	158	SCALES		0			
0315	2	3838	Mountain whitefish	260	192	SCALES		2	PIT	900026000060743	
0315	2	3839	Mountain whitefish	371	488	SCALES		2	PIT	965000000245682	
0315	2	3840	Mountain whitefish	340	438	SCALES		2	PIT	900026000051368	
0315	2	3841	Mountain whitefish	273	226	SCALES		0	PIT	900026000083550	
0315	2	3842	Mountain whitefish	325	318	SCALES		2	PIT	900026000061914	
0315	2	3843	Mountain whitefish	318	282	SCALES		2	FLOY	15790	WHITE
0315	2	3844	Mountain whitefish	250	176	SCALES		0	PIT	900026000083358	
0315	2	3845	Mountain whitefish	283	244	SCALES		0	PIT	900026000083657	
0315	2	3846	Mountain whitefish	325	382	SCALES		0	PIT	900026000148825	
0315	2	3847	Mountain whitefish	298	242	SCALES		0	PIT	900026000083414	
0315	2	3848	Mountain whitefish	148	30	SCALES		0			
0315	2	3849	Mountain whitefish	167	46	SCALES		0			
0315	2	3850	Mountain whitefish	208	94	SCALES		0			
0315	2	3851	Mountain whitefish	246	146	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	2	3852	Mountain whitefish	346	356	SCALES	5	0	PIT	900026000148774	
	2	3853	Mountain whitefish	207		SCALES		0			
	2	3854	Mountain whitefish	265	176	SCALES		0	PIT	900026000083748	
	2	3855	Mountain whitefish	331	332	SCALES		0	PIT	900026000083337	
	2	3856	Mountain whitefish	231	146	SCALES		0			
	2	3857	Mountain whitefish	320	304	SCALES		2	PIT	965000000108074	
	2	3858	Mountain whitefish	353	424	SCALES	6	0	PIT	900026000083771	
	2	3859	Mountain whitefish	217	114	SCALES		0			
	2	3860	Mountain whitefish	210	108	SCALES		0			
	2	3861	Mountain whitefish	278	220	SCALES		0	PIT	900026000083644	
	2	3862	Mountain whitefish	206	92	SCALES		0			
	2	3863	Mountain whitefish	195	86	SCALES		0			
	2	3864	Mountain whitefish	269	220	SCALES		0	PIT	900026000148317	
	2	3865	Mountain whitefish	280	222	SCALES		0	PIT	900026000083458	
	2	3866	Mountain whitefish	255	170	SCALES	3	0	PIT	900026000148604	
	2	3867	Mountain whitefish	313	322	SCALES		2	PIT	900026000054800	
	2	3868	Mountain whitefish	200	90	SCALES		0			
	2	3869	Mountain whitefish	258	180	SCALES		0	PIT	900026000083360	
	2	3870	Mountain whitefish	297	278	SCALES		0	PIT	900026000083838	
	2	3871	Mountain whitefish	235	148	SCALES		0			
	2	3872	Mountain whitefish	339	368	SCALES		2	PIT	965000000072854	
	2	3873	Mountain whitefish	244	148	SCALES		0			
	2	3874	Mountain whitefish	285	242	SCALES		0	PIT	900026000083436	
	2	3875	Mountain whitefish	188	72	SCALES		0			
	2	3876	Mountain whitefish	199	90	SCALES		0			
	2	3877	Mountain whitefish	197	82	SCALES		0			
	2	3878	Mountain whitefish	193	84	SCALES		0			
	2	3879	Mountain whitefish	279	232	SCALES		2	PIT	965000000281393	
	2	3880	Mountain whitefish	194	78	SCALES		0			
	2	3881	Mountain whitefish	223	132	SCALES		0			
	2	3882	Mountain whitefish	274	202	SCALES		0	PIT	900026000148656	
	2	3883	Mountain whitefish	250	176	SCALES		0	PIT	900026000083806	
	2	3884	Mountain whitefish	190	78	SCALES		0			
	2	3885	Longnose sucker	354	596			0			
	2	3886	White sucker	376	622			0			
	2	3887	Mountain whitefish	276	212	SCALES		0	PIT	900026000083945	
	2	3888	Mountain whitefish	294	240	SCALES		0	PIT	900026000148638	
	2	3889	Mountain whitefish	362	442	SCALES		0	PIT	900026000083543	
	2	3890	Mountain whitefish	294	252	SCALES		0	PIT	900026000083976	
	2	3891	Mountain whitefish	350	424	SCALES		2	PIT	900026000055166	
	2	3892	Mountain whitefish	277	204	SCALES		0	PIT	900026000083718	
	2	3893	Mountain whitefish	253	200	SCALES		0	PIT	900026000148626	
	2	3894	Mountain whitefish	298	278	SCALES		0	PIT	900026000083181	
	2	3895	Mountain whitefish	367	364	SCALES		0	PIT	900026000083750	
	2	3896	Mountain whitefish	272	202	SCALES		0	PIT	900026000083909	
	2	3897	Mountain whitefish	302	270	SCALES		2	PIT	965000000244950	
	2	3898	Mountain whitefish	297	260	SCALES		2	PIT	965000000245461	
	2	3899	Mountain whitefish	291	236	SCALES		2	PIT	900026000053886	
	2	3900	Mountain whitefish	209	104	SCALES		0			
	2	3901	Mountain whitefish	307	282	SCALES		2	PIT	900026000054059	
	2	3902	Longnose sucker	420	928			0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0309	2	3903	Mountain whitefish	290	240	SCALES		0	PIT	900026000083560
	0309	2	3904	Mountain whitefish	316	284	SCALES		2	PIT	965000000067665
	0309	2	3905	Mountain whitefish	265	196	SCALES		0	PIT	900026000083298
	0309	2	3906	Mountain whitefish	295	252	SCALES		2	PIT	900026000063437
	0309	2	3907	Mountain whitefish	218	112	SCALES		0		
	0309	2	3908	Mountain whitefish	251	168	SCALES		0	PIT	900026000148852
	0309	2	3909	Mountain whitefish	267	214	SCALES		0	PIT	900026000083813
	0309	2	3910	Mountain whitefish	260	172	SCALES		0	PIT	900026000148813
	0309	2	3911	Mountain whitefish	199	84	SCALES		0		
	0309	2	3912	Mountain whitefish	302	248	SCALES		2	PIT	965000000244617
	0309	2	3913	Mountain whitefish	286	234	SCALES		0	PIT	900026000083503
	0309	2	3914	Mountain whitefish	283	220	SCALES		0	PIT	900026000148513
	0309	2	3915	Mountain whitefish	271	198	SCALES		2	PIT	900026000052674
	0309	2	3916	Mountain whitefish	285	250	SCALES		0	PIT	900026000083632
	0309	2	3917	Mountain whitefish	238	132	SCALES		0		
	0309	2	3918	Mountain whitefish	288	248	SCALES		0	PIT	900026000083322
	0309	2	3919	Mountain whitefish	273	206	SCALES		0	PIT	900026000083398
	0309	2	3920	Mountain whitefish	294	238	SCALES		0	PIT	900026000148607
	0309	2	3921	Mountain whitefish	302	270	SCALES		0	PIT	900026000148746
	0309	2	3922	Mountain whitefish	281	216	SCALES		0	PIT	900026000083992
	0309	2	3923	Mountain whitefish	241	162	SCALES		0		
	0309	2	3924	Mountain whitefish	317	292	SCALES		2	PIT	965000000246686
	0309	2	3925	Mountain whitefish	286	234	SCALES		0	PIT	900026000083715
	0309	2	3926	Mountain whitefish	271	196	SCALES		2	PIT	900026000060881
	0309	2	3927	Mountain whitefish	299	260	SCALES		2	PIT	965000000247258
	0309	2	3928	Mountain whitefish	283	234	SCALES		0	PIT	900026000148531
	0309	2	3929	Mountain whitefish	264	210	SCALES		0	PIT	900026000148910
	0309	2	3930	Mountain whitefish	378	496	SCALES		2	PIT	965000000246538
	0309	2	3931	Mountain whitefish	283	238	SCALES		0	PIT	900026000083581
	0309	2	3932	Mountain whitefish	299	230	SCALES		2	PIT	965000000281541
	0309	2	3933	Mountain whitefish	301	314	SCALES		0	PIT	900026000083831
	0309	2	3934	Mountain whitefish	234	144	SCALES		0		
	0309	2	3935	Mountain whitefish	357	364	SCALES		2	PIT	965000000072510
	0309	2	3936	Mountain whitefish	342	334	SCALES		0	PIT	900026000083477
	0309	2	3937	Mountain whitefish	282	234	SCALES		2	PIT	900026000064599
	0309	2	3938	Mountain whitefish	284	242	SO		1		
	0310	2	3939	Longnose sucker	390	658			0		
	0310	2	3940	Bull trout	417	722		6	2	PIT	900026000051697
	0310	2	3941	Mountain whitefish	295	288	SCALES	5	0	PIT	900026000083423
	0310	2	3942	Mountain whitefish	355	402	SCALES		2	PIT	900026000053801
	0310	2	3943	Mountain whitefish	230	138	SCALES		0		
	0310	2	3944	Mountain whitefish	287	210	SCALES	4	0	PIT	900026000148675
	0310	2	3945	Mountain whitefish	342	340	SCALES		2	PIT	965000000083688
	0310	2	3946	Mountain whitefish	276	218	SCALES	4	0	PIT	900026000083540
	0310	2	3947	Mountain whitefish	226	132	SCALES		0		
	0310	2	3948	Mountain whitefish	296	256	SCALES		2	PIT	965000000087828
	0310	2	3949	Mountain whitefish	230	120	SCALES		0		
	0310	2	3950	Mountain whitefish	297	318	SCALES		2	PIT	965000000065456
	0310	2	3951	Mountain whitefish	288	236	SCALES		0	PIT	900026000148130
	0310	2	3952	Mountain whitefish	290	250	SCALES		0	PIT	900026000083377
	0310	2	3953	Mountain whitefish	295	246	SCALES		0	PIT	900026000148874

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	2	3954	Mountain whitefish	255	186	SCALES		0	PIT	900026000148835	
	2	3955	Mountain whitefish	284	228	SCALES		2	PIT	900026000148932	
	2	3956	Mountain whitefish	290	246	SCALES		2	PIT	900026000056078	
	2	3957	Mountain whitefish	284	222	SCALES		0	PIT	900026000148698	
	2	3958	Mountain whitefish	308	304	SCALES		2	PIT	0A00744565	
	2	3959	Mountain whitefish	297	240	SCALES		0	PIT	900026000148633	
	2	3960	Mountain whitefish	267	210	SCALES		0	PIT	900026000148950	
	2	3961	Mountain whitefish	288	254	SCALES		2	PIT	965000000090074	
	2	3962	Mountain whitefish	262	210	SCALES		2	PIT	900026000056593	
	2	3963	Mountain whitefish	376	490	SCALES		2	PIT	965000000090189	
	2	3964	Mountain whitefish	347	366	SCALES	9	0	PIT	900026000148970	
	2	3965	Mountain whitefish	218	112	SCALES		0			
	2	3966	Mountain whitefish	450	872	SCALES		2	PIT	900026000053794	
	2	3967	Mountain whitefish	267	176	SCALES		2	PIT	965000000071851	
	2	3968	Mountain whitefish	352	428	SCALES		2	PIT	965000000247297	
	2	3969	Mountain whitefish	308	262	SCALES		0	PIT	900026000148015	
	2	3970	Mountain whitefish	253	166	SCALES		0	PIT	900026000148948	
	2	3971	Mountain whitefish	288	222	SCALES		0	PIT	900026000148888	
	2	3972	Mountain whitefish	276	198	SCALES		2	PIT	965000000093787	
	2	3973	Mountain whitefish	314	314	SCALES		0	PIT	900026000148600	
	2	3974	Mountain whitefish	308	302	SCALES	5	0	PIT	900026000148738	
	2	3975	Mountain whitefish	285	240	SCALES		0	PIT	900026000148647	
	2	3976	Mountain whitefish	330	370	SCALES		0	PIT	900026000148083	
	2	3977	Mountain whitefish	301	298	SCALES		0	PIT	900026000148854	
	2	3978	Mountain whitefish	254	174	SCALES		0	PIT	900026000083316	
	2	3979	Mountain whitefish	279	216	SCALES		2	PIT	965000000085390	
	2	3980	Mountain whitefish	290	244	SCALES		0	PIT	900026000148518	
	2	3981	Mountain whitefish	288	234	SCALES		0	PIT	900026000148731	
	2	3982	Mountain whitefish	289	262	SCALES		0	PIT	900026000148868	
	2	3983	Mountain whitefish	314	288	SCALES		2	PIT	900026000065552	
	2	3984	Mountain whitefish	280	258	SCALES		2	PIT	900026000034833	
	2	3985	Mountain whitefish	340	390	SCALES		2	FLOY	16503	WHITE
	2	3986	Mountain whitefish	294	240	SCALES		2	PIT	965000000079592	
	2	3987	Mountain whitefish	308	262	SCALES		2	PIT	900026000051731	
	2	3988	Mountain whitefish	288	252	SCALES		0	PIT	900026000148838	
	2	3989	Mountain whitefish	300	288	SCALES		0	PIT	900026000148847	
	2	3990	Mountain whitefish	279	220	SCALES		0	PIT	900026000148962	
	2	3991	Mountain whitefish	321	322	SCALES		2	PIT	965000000245177	
	2	3992	Mountain whitefish	228	134	SCALES		0			
	2	3993	Mountain whitefish	278	236	SCALES		0	PIT	900026000148397	
	2	3994	Mountain whitefish	278	244	SCALES		0	PIT	900026000148146	
	2	3995	Mountain whitefish	328	314	SCALES		2	PIT	965000000070441	
	2	3996	Mountain whitefish	276	210	SCALES		0	PIT	900026000148221	
	2	3997	Mountain whitefish	299	270	SCALES		0	PIT	900026000148334	
	2	3998	Mountain whitefish	280	216	SCALES		0	PIT	900026000083609	
	2	3999	Mountain whitefish	252	176	SCALES		0	PIT	900026000083628	
	2	4000	Mountain whitefish	441	786	SCALES		2	PIT	900026000054626	
	2	4001	Mountain whitefish	284	214	SCALES		0	PIT	900026000148795	
	2	4002	Mountain whitefish	254	196	SCALES		0	PIT	900026000083665	
	2	4003	Mountain whitefish	285	254	SCALES		0	PIT	900026000083475	
	2	4004	Mountain whitefish	275	204	SCALES		0	PIT	900026000083949	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0310	2	4005	Mountain whitefish	266	206	SCALES	0	PIT	900026000083535	
	0310	2	4006	Mountain whitefish	266	190	SCALES	0	PIT	900026000083416	
	0310	2	4007	Mountain whitefish	250	168	SCALES	0	PIT	900026000083636	
	0310	2	4008	Mountain whitefish	293	256	SCALES	2	PIT	900026000064546	
	0310	2	4009	Mountain whitefish	243		SCALES	0			
	0310	2	4010	Mountain whitefish	310	282	SCALES	0	PIT	900026000148380	
	0310	2	4011	Mountain whitefish	303	270	SCALES	2	PIT	900026000065371	
	0310	2	4012	Mountain whitefish	260	194	SCALES	0	PIT	900026000083615	
	0310	2	4013	Mountain whitefish	270	212	SCALES	0	PIT	900026000083460	
	0310	2	4014	Mountain whitefish	287	258	SCALES	0	PIT	900026000083769	
	0310	2	4015	Mountain whitefish	290	240	SCALES	5	PIT	900026000148169	
	0310	2	4016	Mountain whitefish	208	104	SCALES	0			
	0310	2	4017	Mountain whitefish	297	270	SCALES	2	PIT	96500000092517	
	0310	2	4018	Mountain whitefish	244		SCALES	0			
	0316	2	4019	Longnose sucker	406	888		0			
	0316	2	4020	Longnose sucker	369	690		0			
	0316	2	4021	Longnose sucker	354	640		0			
	0316	2	4022	Longnose sucker	412	804		0			
	0316	2	4023	Mountain whitefish	213	100	SCALES	0			
	0316	2	4024	Mountain whitefish	216	116	SCALES	0			
	0316	2	4025	Mountain whitefish	218	122	SCALES	0			
	0316	2	4026	Mountain whitefish	311	284	SCALES	0	PIT	900026000148779	
	0316	2	4027	Mountain whitefish	271	206	SCALES	0	PIT	900026000148085	
	0316	2	4028	Mountain whitefish	302	264	SCALES	0	PIT	900026000083925	
	0316	2	4029	Mountain whitefish	275	264	SCALES	2	PIT	965000000110473	
	0316	2	4030	Mountain whitefish	203	104	SCALES	2	0		
	0316	2	4031	Mountain whitefish	193	78	SCALES	0			
	0316	2	4032	Mountain whitefish	284	276	SCALES	2	PIT	0A00724010	
	0316	2	4033	Mountain whitefish	289	244	SCALES	4	2	PIT	965000000010222
	0316	2	4034	Mountain whitefish	258	212	SCALES	0	PIT	900026000148801	
	0316	2	4035	Mountain whitefish	323	324	SCALES	2	PIT	965000000243395	
	0316	2	4036	Mountain whitefish	253	172	SCALES	0	PIT	900026000083266	
	0316	2	4037	Mountain whitefish	282	226	SCALES	2	PIT	900026000053347	
	0316	2	4038	Mountain whitefish	296	284	SCALES	2	PIT	965000000086632	
	0316	2	4039	Mountain whitefish	278	242	SCALES	0	PIT	900026000083548	
	0316	2	4040	Mountain whitefish	222	138	SCALES	0			
	0316	2	4041	Mountain whitefish	243	166	SCALES	0			
	0316	2	4042	Mountain whitefish	265	214	SCALES	0	PIT	900026000148241	
	0316	2	4043	Mountain whitefish	257	176	SCALES	0	PIT	900026000083538	
	0316	2	4044	Mountain whitefish	212	102	SCALES	0			
	0316	2	4045	Mountain whitefish	230	146	SCALES	0			
	0316	2	4046	Mountain whitefish	238	142	SCALES	0			
	0316	2	4047	Mountain whitefish	264	186	SCALES	0	PIT	900026000083791	
	0316	2	4048	Mountain whitefish	251	180	SCALES	0	PIT	900026000083953	
	0316	2	4049	Mountain whitefish	187	80	SCALES	0			
	0316	2	4050	Bull trout	172	50	SCALES	2	0		
	0316	2	4051	Rainbow trout	178	86	SCALES	0			
	0316	2	4052	Arctic grayling	214		SCALES	2	0		
	0316	2	4053	Mountain whitefish	374	410	SCALES	7	2	PIT	965000000243486
	0316	2	4054	Mountain whitefish	258	196	SCALES	2	PIT	900026000060804	
	0316	2	4055	Mountain whitefish	312	314	SCALES	0	PIT	900026000083332	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0316	2	4056	Mountain whitefish	202	90	SCALES	0			
	0316	2	4057	Mountain whitefish	230	148	SCALES	0			
	0316	2	4058	Mountain whitefish	271	208	SCALES	0	PIT	900026000083357	
	0316	2	4059	Mountain whitefish	292	264	SCALES	0	PIT	900026000083445	
	0316	2	4060	Bull trout	386	606	FIN RAY	4	0	PIT	900026000148837
	0316	2	4061	Mountain whitefish	342	378	SCALES	0	PIT	900026000148188	
	0316	2	4062	Mountain whitefish	279	250	SCALES	0	PIT	900026000148079	
	0316	2	4063	Mountain whitefish	287	240	SCALES	5	0	PIT	900026000148191
	0316	2	4064	Mountain whitefish	300	270	SCALES	0	PIT	900026000148144	
	0316	2	4065	Mountain whitefish	245	158	SCALES	0			
	0316	2	4066	Bull trout	259	198	FIN RAY	4	0	PIT	900026000083626
	0316	2	4067	Mountain whitefish	216	124	SCALES	0			
	0302	3	5252	Longnose sucker	392	774		0			
	0302	3	5253	Longnose sucker	390	724		0			
	0302	3	5254	Longnose sucker	333	516		0			
	0302	3	5255	Largescale sucker	470	1236		0			
	0302	3	5256	Longnose sucker	389	804		0			
	0302	3	5257	Longnose sucker	390	770		0			
	0302	3	5258	Longnose sucker	373	746		0			
	0302	3	5259	Longnose sucker	377	756		0			
	0302	3	5260	Longnose sucker	355	630		0			
	0302	3	5261	Longnose sucker	363	546		0			
	0302	3	5262	Longnose sucker	354	600		0			
	0302	3	5263	Longnose sucker	380	786		0			
	0302	3	5264	Longnose sucker	307	342		0			
	0302	3	5265	Longnose sucker	313	378		0			
	0302	3	5266	Longnose sucker	297	366		0			
	0302	3	5267	Rainbow trout	170	68	SCALES	0			
	0302	3	5268	Mountain whitefish	393	502	SCALES	2	FLOY		8853YELLOW
	0302	3	5269	Mountain whitefish	377	476	SCALES	0	PIT	900026000083365	
	0302	3	5270	Mountain whitefish	400	542	SCALES	2	PIT	965000000246723	
	0302	3	5271	Mountain whitefish	244	194	SCALES	0			
	0302	3	5272	Mountain whitefish	304	274	SCALES	0	PIT	900026000083779	
	0302	3	5273	Mountain whitefish	276	236	SCALES	4	0	PIT	900026000083884
	0302	3	5274	Mountain whitefish	268	214	SCALES	0	PIT	900026000083494	
	0302	3	5275	Mountain whitefish	212	110	SCALES	0			
	0302	3	5276	Mountain whitefish	230	138	SCALES	0			
	0302	3	5277	Mountain whitefish	322	392	SCALES	0	PIT	900026000083795	
	0302	3	5278	Mountain whitefish	395	546	SCALES	2	PIT	965000000282229	
	0302	3	5279	Mountain whitefish	320	316	SCALES	2	PIT	965000000246733	
	0302	3	5280	Mountain whitefish	385	508	SCALES	2	PIT	965000000243985	
	0302	3	5281	Mountain whitefish	293	258	SCALES	2	PIT	965000000001016	
	0302	3	5282	Mountain whitefish	272	206	SCALES	2	PIT	900026000064715	
	0302	3	5283	Mountain whitefish	236	140	SCALES	0			
	0302	3	5284	Mountain whitefish	300	268	SCALES	0	PIT	900026000084088	
	0302	3	5285	Mountain whitefish	326	296	SCALES	2	PIT	999999999991179	
	0302	3	5286	Mountain whitefish	278	256	SCALES	0	PIT	900026000148224	
	0302	3	5287	Mountain whitefish	308	314	SCALES	0	PIT	900026000083514	
	0302	3	5288	Mountain whitefish	299	260	SCALES	0	PIT	900026000083822	
	0302	3	5289	Mountain whitefish	315	364	SCALES	0	PIT	900026000083353	
	0302	3	5290	Mountain whitefish	253	200	SCALES	0	PIT	900026000084078	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0302	3	5291	Mountain whitefish	273	254	SCALES	0	PIT	900026000083889	
	0302	3	5292	Mountain whitefish	297	270	SCALES	0	PIT	900026000083453	
	0302	3	5293	Mountain whitefish	340	308	SCALES	2	PIT	965000000093519	
	0302	3	5294	Mountain whitefish	214	116	SCALES	0			
	0302	3	5295	Mountain whitefish	250	156	SCALES	0	PIT	900026000148667	
	0302	3	5296	Mountain whitefish	316	296	SCALES	0	PIT	900025991694605	
	0302	3	5297	Mountain whitefish	323	318	SCALES	2	PIT	965000000091556	
	0302	3	5298	Mountain whitefish	297	256	SCALES	0	PIT	900026000083481	
	0302	3	5299	Mountain whitefish	209	122	SCALES	0			
	0302	3	5300	Mountain whitefish	191	80	SCALES	0			
	0302	3	5301	Mountain whitefish	196	90	SCALES	0			
	0302	3	5302	Mountain whitefish	210	96	SCALES	0			
	0302	3	5303	Mountain whitefish	271	190	SCALES	4	0	PIT	900026000148476
	0302	3	5304	Mountain whitefish	313	308	SCALES	0	PIT	900026000083223	
	0302	3	5305	Mountain whitefish	309	282	SCALES	2	PIT	965000000281967	
	0302	3	5306	Mountain whitefish	300	278	SCALES	0	PIT	900026000083582	
	0302	3	5307	Bull trout	286	288	FS	4	0	PIT	900026000083556
	0302	3	5308	Mountain whitefish	325	366	SCALES	5	2	PIT	965000000079875
	0302	3	5309	Mountain whitefish	299	314	SCALES	0	PIT	900026000083455	
	0302	3	5310	Mountain whitefish	321	292	SCALES	2	PIT	965000000092524	
	0302	3	5311	Mountain whitefish	274	210	SCALES	0	PIT	900026000083522	
	0302	3	5312	Mountain whitefish	273	202	SCALES	0	PIT	900026000083493	
	0302	3	5313	Mountain whitefish	296	278	SCALES	0	PIT	900026000083757	
	0302	3	5314	Mountain whitefish	264	206	SCALES	0	PIT	900026000083367	
	0302	3	5315	Mountain whitefish	275	246	SCALES	0	PIT	900026000083525	
	0302	3	5316	Mountain whitefish	307	268	SCALES	0	PIT	900026000148570	
	0302	3	5317	Mountain whitefish	273	228	SCALES	0	PIT	900026000083959	
	0302	3	5318	Bull trout	345	396	FS	5	0	PIT	900026000083804
	0301	3	5319	Walleye	451	1018		0			
	0301	3	5320	Northern pikeminnow	475	1240		0			
	0301	3	5321	Northern pikeminnow	410	946		0			
	0301	3	5322	White sucker	397	716		0			
	0301	3	5323	Longnose sucker	384	812		0			
	0301	3	5324	Longnose sucker	377	790		0			
	0301	3	5325	Longnose sucker	397	772		0			
	0301	3	5326	Longnose sucker	454	1166		0			
	0301	3	5327	Longnose sucker	388	768		0			
	0301	3	5328	Longnose sucker	407	838		0			
	0301	3	5329	Longnose sucker	436	1154		0			
	0301	3	5330	Longnose sucker	358	664		0			
	0301	3	5331	Longnose sucker	384	760		0			
	0301	3	5332	Longnose sucker	412	872		0			
	0301	3	5333	Longnose sucker	383	956		0			
	0301	3	5334	Mountain whitefish	379	502	SCALES	2	PIT	965000000244549	
	0301	3	5335	Mountain whitefish	273	264	SCALES	0	PIT	900026000083932	
	0301	3	5336	Mountain whitefish	320	314	SCALES	6	2	PIT	4D00034704
	0301	3	5337	Mountain whitefish	382	484	SCALES	2	PIT	900026000051596	
	0301	3	5338	Mountain whitefish	328	420	SCALES	0	PIT	900026000148818	
	0301	3	5339	Mountain whitefish	253	188	SCALES	0	PIT	900026000084064	
	0301	3	5340	Mountain whitefish	306	308	SCALES	2	PIT	965000000247354	
	0301	3	5341	Mountain whitefish	269	222	SCALES	2	PIT	900026000148386	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0301	3	5342	Arctic grayling	246	206	SCALES	2	0			
0301	3	5343	Mountain whitefish	343	308	SCALES		2	PIT	4D00036233	
0301	3	5344	Mountain whitefish	338	356	SCALES		0	PIT	900026000083729	
0301	3	5345	White sucker	412	752			0			
0301	3	5346	Mountain whitefish	296	264	SCALES		0	PIT	900026000083737	
0301	3	5347	Mountain whitefish	278	226	SCALES		0	PIT	900026000148058	
0301	3	5348	Mountain whitefish	262	192	SCALES		2	PIT	965000000090856	
0301	3	5349	Mountain whitefish	260	192	SCALES		2	PIT	900026000148233	
0301	3	5350	Mountain whitefish	277	232	SCALES		2	PIT	900026000148422	
0301	3	5351	Mountain whitefish	244	162	SCALES		0			
0301	3	5352	Mountain whitefish	238		SCALES		0			
0301	3	5353	Mountain whitefish	308	308	SCALES	5	0	PIT	900026000083633	
0301	3	5354	Mountain whitefish	262	204	SCALES	4	0	PIT	900026000148718	
0301	3	5355	Mountain whitefish	259	203	SCALES		0	PIT	900026000083546	
0301	3	5356	Mountain whitefish	252	180	SCALES		0	PIT	900026000083516	
0301	3	5357	Mountain whitefish	300	304	SCALES		2	PIT	965000000246400	
0301	3	5358	Mountain whitefish	288	232	SCALES		2	PIT	965000000083621	
0301	3	5359	Mountain whitefish	313	318	SCALES		2	PIT	900026000083468	
0301	3	5360	Mountain whitefish	244	176	SCALES		0			
0301	3	5361	Mountain whitefish	275	226	SCALES		0	PIT	900026000083758	
0301	3	5362	Mountain whitefish	270	186	SCALES		0	PIT	900026000083258	
0301	3	5363	Mountain whitefish	269	212	SCALES		2	PIT	965000000281728	
0301	3	5364	Mountain whitefish	286	294	SCALES		2	PIT	900026000052224	
0301	3	5365	Mountain whitefish	277	234	SCALES		0	PIT	900026000148496	
0301	3	5366	Mountain whitefish	248	182	SCALES		0			
0301	3	5367	Mountain whitefish	236	158	SCALES		0			
0301	3	5368	Mountain whitefish	235	142	SCALES		0			
0301	3	5369	Mountain whitefish	283	258	SCALES		0	PIT	900026000148064	
0301	3	5370	Mountain whitefish	239	154	SCALES		0			
0301	3	5371	Mountain whitefish	274	204	SCALES		2	PIT	965000000281820	
0301	3	5372	Mountain whitefish	220	128	SCALES		0			
0301	3	5373	Mountain whitefish	206	111	SCALES		0			
0301	3	5374	Longnose sucker	435	1076			0			
0301	3	5375	Mountain whitefish	331	416	SCALES		0	PIT	900026000148646	
0301	3	5376	Mountain whitefish	295	296	SCALES		0	PIT	900026000148865	
0301	3	5377	Mountain whitefish	270	196	SCALES		2	PIT	900026000051868	
0301	3	5378	Mountain whitefish	293	260	SCALES		0	PIT	900026000083869	
0301	3	5379	Mountain whitefish	286	252	SCALES		2	PIT	900026000060550	
0301	3	5380	Mountain whitefish	323	366	SCALES		2	PIT	965000000247667	
0301	3	5381	Mountain whitefish	262	228	SCALES		0	PIT	900026000083304	
0301	3	5382	Mountain whitefish	245	162	SCALES	3	0			
0301	3	5383	Mountain whitefish	258	188	SCALES		0	PIT	900026000148377	
0301	3	5384	Mountain whitefish	277	230	SCALES		0	PIT	900026000083448	
0301	3	5385	Mountain whitefish	245	162	SCALES	4	0			
0301	3	5386	Mountain whitefish	271	204	SCALES		0	PIT	900026000083211	
0301	3	5387	Mountain whitefish	209	110	SCALES		0			
0301	3	5388	Mountain whitefish	216	114	SCALES		0			
0301	3	5389	Mountain whitefish	156	50	SCALES		0			
0301	3	5390	Mountain whitefish	368	448	SCALES		0	PIT	900026000083288	
0301	3	5391	Mountain whitefish	300	292	SCALES		2	PIT	900026000063444	
0301	3	5392	Mountain whitefish	260	204	SCALES		0	PIT	900026000148931	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0301	3	5393	Mountain whitefish	268	208	SCALES		2	PIT	965000000281023	
0301	3	5394	Mountain whitefish	270	228	SCALES		2	PIT	965000000246682	
0301	3	5395	Mountain whitefish	275	256	SCALES		2	PIT	965000000277904	
0301	3	5396	Mountain whitefish	148	34	SCALES		0			
0301	3	5397	Mountain whitefish	275	226	SCALES		2	PIT	900026000054121	
0301	3	5398	Mountain whitefish	194	88	SCALES		0			
0301	3	5399	Mountain whitefish	290	274	SCALES		2	PIT	965000000281792	
0301	3	5400	Mountain whitefish	281	242	SCALES		2	PIT	900026000083884	
0301	3	5401	Mountain whitefish	286	260	SCALES		0	PIT	900026000148069	
0301	3	5402	Mountain whitefish	257	206	SCALES		0	PIT	900026000083785	
0301	3	5403	Mountain whitefish	258	216	SCALES		0	PIT	900026000148142	
0301	3	5404	Mountain whitefish	254	156	SCALES		0	PIT	900026000083408	
0301	3	5405	Mountain whitefish	227	136	SCALES		0			
0301	3	5406	Mountain whitefish	231	152	SCALES		0			
0301	3	5407	Mountain whitefish	258	198	SCALES		0	PIT	900026000083933	
0301	3	5408	Mountain whitefish	264	208	SCALES		0	PIT	900026000148836	
0301	3	5409	Mountain whitefish	233	146	SCALES		0			
0301	3	5410	Mountain whitefish	230	144	SCALES		0			
0301	3	5411	Mountain whitefish	276	216	SCALES		2	PIT	965000000281873	
0301	3	5412	Mountain whitefish	205	118	SCALES		0			
0301	3	5413	Mountain whitefish	285	270	SCALES		2	PIT	965000000089030	
0301	3	5414	Mountain whitefish	277	210	SCALES		0	PIT	900026000083515	
0301	3	5415	Mountain whitefish	288	278	SCALES		0	PIT	900026000083941	
0301	3	5416	Mountain whitefish	280		SCALES	5	2	PIT	965000000081713	
0301	3	5417	Mountain whitefish	240	154	SCALES		0			
0301	3	5418	Mountain whitefish	277	240	SCALES		0	PIT	900026000083285	
0301	3	5419	Mountain whitefish	323	398	SCALES		2	PIT	900026000035018	
0301	3	5420	Mountain whitefish	185	80	SCALES		0			
0301	3	5421	Mountain whitefish	221	124	SCALES		0			
0301	3	5422	Mountain whitefish	350	372	SCALES		2	FLOY	13642	WHITE
0301	3	5423	Mountain whitefish	308	274	SCALES		2	PIT	965000000279439	
0301	3	5424	Mountain whitefish	303	278	SCALES		0	PIT	900026000083896	
0301	3	5425	Mountain whitefish	245	156	SCALES		0			
0301	3	5426	Mountain whitefish	343	462	SCALES		0	PIT	900026000148554	
0301	3	5427	Mountain whitefish	280		SCALES		2	PIT	965000000070742	
0301	3	5428	Mountain whitefish	198	108	SCALES		0			
0301	3	5429	Mountain whitefish	258	186	SCALES		0	PIT	900026000148336	
0301	3	5430	Mountain whitefish	300	314	SCALES		0	PIT	900026000084126	
0301	3	5431	Mountain whitefish	344	376	SCALES		0	PIT	900026000083940	
0301	3	5432	Mountain whitefish	285	252	SCALES		2	PIT	965000000282737	
0301	3	5433	Mountain whitefish	303	294	SCALES		0	PIT	900026000083539	
0301	3	5434	Mountain whitefish	258	192	SCALES		2	PIT	900026000064636	
0301	3	5435	Mountain whitefish	275	238	SCALES		0	PIT	900026000148983	
0301	3	5436	Mountain whitefish	250	174	SCALES		0	PIT	900026000083303	
0301	3	5437	Mountain whitefish	257	182	SCALES		2	PIT	965000000110788	
0301	3	5438	Mountain whitefish	320	292	SCALES		2	FLOY	11233	WHITE
0301	3	5439	Mountain whitefish	289	266	SCALES		2	PIT	965000000080751	
0301	3	5440	Mountain whitefish	244	166	SCALES		0			
0301	3	5441	Mountain whitefish	280	254	SCALES		2	PIT	900026000054180	
0301	3	5442	Mountain whitefish	280	274	SCALES		2	PIT	900026000035424	
0301	3	5443	Mountain whitefish	305	312	SCALES		0	PIT	900026000083447	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0301	3	5444	Rainbow trout	358	570	SCALES	0			
	0301	3	5445	Bull trout	447	946	FIN RAY	6	0	PIT	900026000083335
	0301	3	5446	Bull trout	461	950	FIN RAY	6	0	PIT	900026000083278
	0303	3	5447	Largescale sucker	494			0			
	0303	3	5448	Longnose sucker	292			0			
	0303	3	5449	Longnose sucker	420	1014		0			
	0303	3	5450	Longnose sucker	428	974		0			
	0303	3	5451	Longnose sucker	398			0			
	0303	3	5452	Longnose sucker	405	772		0			
	0303	3	5453	Longnose sucker	404	890		0			
	0303	3	5454	Longnose sucker	382	668		0			
	0303	3	5455	Longnose sucker	365	716		0			
	0303	3	5456	Longnose sucker	436	920		0			
	0303	3	5457	Longnose sucker	381	746		0			
	0303	3	5458	Longnose sucker	373	730		0			
	0303	3	5459	Mountain whitefish	372	486	SCALES	2		PIT	96500000239765
	0303	3	5460	Mountain whitefish	398	494	SCALES	0		PIT	900026000083361
	0303	3	5461	Mountain whitefish	364	406	SCALES	0		PIT	900026000083638
	0303	3	5462	Mountain whitefish	324	328	SCALES	0		PIT	900026000148695
	0303	3	5463	Mountain whitefish	251	162	SCALES	0		PIT	900026000148581
	0303	3	5464	Mountain whitefish	292	270	SCALES	0		PIT	900026000084068
	0303	3	5465	Mountain whitefish	281	200	SCALES	2		PIT	900026000063741
	0303	3	5466	Mountain whitefish	298	262	SCALES	0		PIT	900026000083237
	0303	3	5467	Longnose sucker	414			0			
	0303	3	5468	Northern pikeminnow	220	114		0			
	0303	3	5469	Mountain whitefish	314	290	SCALES	0		PIT	900026000083204
	0303	3	5470	Mountain whitefish	308	298	SCALES	2		PIT	96500000247354
	0303	3	5471	Mountain whitefish	279	230	SCALES	0		PIT	900026000083206
	0303	3	5472	Mountain whitefish	298	254	SCALES	2		PIT	900026000060993
	0303	3	5473	Mountain whitefish	270	196	SCALES	0		PIT	900026000084044
	0303	3	5474	Mountain whitefish	307	220	SCALES	2		PIT	900026000053879
	0303	3	5475	Mountain whitefish	254	172	SCALES	0		PIT	900026000148669
	0303	3	5476	Mountain whitefish	290	230	SCALES	0		PIT	900026000084017
	0303	3	5477	Mountain whitefish	238	120	SCALES	0			
	0303	3	5478	Mountain whitefish	235	164	SCALES	0			
	0303	3	5479	Mountain whitefish	280	218	SCALES	2		PIT	96500000110908
	0303	3	5480	Mountain whitefish	299	270	SCALES	0		PIT	900026000083588
	0303	3	5481	Mountain whitefish	250	144	SCALES	0		PIT	900026000083473
	0303	3	5482	Mountain whitefish	288	254	SCALES	2		PIT	900026000065588
	0303	3	5483	Kokanee	162	44	SCALES	0			
	0303	3	5484	Mountain whitefish	325	408	SCALES	5	0	PIT	900026000148468
	0303	3	5485	Mountain whitefish	436	680	SCALES	0		PIT	900026000084131
	0303	3	5486	Mountain whitefish	301	328	SCALES	2		PIT	965000000072634
	0303	3	5487	Mountain whitefish	338	420	SCALES	0		PIT	900026000148924
	0303	3	5488	Mountain whitefish	335	340	SCALES	0		PIT	900026000083730
	0303	3	5489	Mountain whitefish	292	238	SCALES	0		PIT	900026000083341
	0303	3	5490	Mountain whitefish	374	502	SCALES	0		PIT	900026000083601
	0303	3	5491	Mountain whitefish	294	254	SCALES	0		PIT	900026000083536
	0303	3	5492	Mountain whitefish	288	238	SCALES	0		PIT	900026000148704
	0303	3	5493	Mountain whitefish	196	80	SCALES	0			
	0303	3	5494	Mountain whitefish	280	218	SCALES	0		PIT	900026000083797

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
3												
	0303	3	5495	Mountain whitefish	360	424	SCALES	0	PIT	900026000083562		
	0303	3	5496	Mountain whitefish	251	152	SCALES	0	PIT	900026000083235		
	0303	3	5497	Mountain whitefish	288	260	SCALES	0	PIT	900026000083684		
	0303	3	5498	Mountain whitefish	268	190	SCALES	0	PIT	900026000083607		
	0303	3	5499	Mountain whitefish	338	342	SCALES	0	PIT	900026000148934		
	0303	3	5500	Mountain whitefish	280	248	SCALES	0	PIT	900026000083428		
	0303	3	5501	Mountain whitefish	277	230	SCALES	0	PIT	900026000083391		
	0303	3	5502	Mountain whitefish	250	172	SCALES	0	PIT	900026000148849		
	0303	3	5503	Mountain whitefish	350	334	SCALES	2	PIT	965000000246254		
	0303	3	5504	Mountain whitefish	238	158	SCALES	0				
	0303	3	5505	Mountain whitefish	225	132	SCALES	0				
	0303	3	5506	Mountain whitefish	275	220	SCALES	0	PIT	900026000148264		
	0303	3	5507	Longnose sucker	367	622		0				
	0303	3	5508	Mountain whitefish	321	294	SCALES	2	FLOY	14661	WHITE	
	0303	3	5509	Mountain whitefish	273	198	SCALES	0	PIT	900026000083404		
	0303	3	5510	Mountain whitefish	234	142	SCALES	0				
	0303	3	5511	Mountain whitefish	267	196	SCALES	0	PIT	900026000148618		
	0303	3	5512	Mountain whitefish	238	146	SCALES	0				
	0303	3	5513	Mountain whitefish	283	214	SCALES	0	PIT	900026000148000		
	0303	3	5514	Mountain whitefish	257	164	SCALES	0	PIT	900026000083319		
	0303	3	5515	Mountain whitefish	224	128	SCALES	0				
	0303	3	5516	Mountain whitefish	286	260	SCALES	0	PIT	900026000148848		
	0303	3	5517	Mountain whitefish	271		SCALES	2	PIT	965000000105748		
	0303	3	5518	Mountain whitefish	211	104	SCALES	0				
	0303	3	5519	Mountain whitefish	268	192	SCALES	0	PIT	900026000083321		
	0303	3	5520	Rainbow trout	205	104	SCALES	0				
	0303	3	5521	Mountain whitefish	293	234	SCALES	0	PIT	900026000148760		
	0303	3	5522	Mountain whitefish	273	188	SCALES	2	PIT	965000000071222		
	0303	3	5523	Mountain whitefish	268	206	SCALES	0	PIT	900026000083340		
	0303	3	5524	Mountain whitefish	298	236	SCALES	2	PIT	965000000245947		
	0303	3	5525	Mountain whitefish	197		SCALES	3	0			
	0303	3	5526	Mountain whitefish	264	196	SCALES	0	PIT	900026000148541		
	0303	3	5527	Mountain whitefish	280	226	SCALES	0	PIT	900026000083744		
	0303	3	5528	Mountain whitefish	261	162	SCALES	0	PIT	900026000148615		
	0303	3	5529	Mountain whitefish	270	184	SCALES	2	PIT	965000000281305		
	0303	3	5530	Mountain whitefish	217	108	SCALES	0				
	0303	3	5531	Mountain whitefish	311	296	SCALES	2	PIT	965000000110227		
	0304	3	5532	Bull trout	793	5680	FIN RAY	16	0	PIT	900026000083921	
	0304	3	5533	Largescale sucker	430	1068		0				
	0304	3	5534	Longnose sucker	419	1038		0				
	0304	3	5535	Longnose sucker	397	396		0				
	0304	3	5536	Longnose sucker	391	938		0				
	0304	3	5537	Mountain whitefish	360	404	SCALES	0	PIT	900026000083433		
	0304	3	5538	Mountain whitefish	308	344	SCALES	5	0	PIT	900026000083848	
	0304	3	5539	Mountain whitefish	365	470	SCALES	2	FLOY	5957	YELLOW	
	0304	3	5540	Mountain whitefish	266	208	SCALES	2	PIT	900026000064908		
	0304	3	5541	Mountain whitefish	312	294	SCALES	0	PIT	900026000083203		
	0304	3	5542	Mountain whitefish	324	332	SCALES	2	PIT	965000000243432		
	0304	3	5543	Mountain whitefish	330	358	SCALES	2	PIT	900026000060755		
	0304	3	5544	Mountain whitefish	278	230	SCALES	0	PIT	900026000083625		
	0304	3	5545	Mountain whitefish	292	274	SCALES	0	PIT	900026000083363		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0304	3	5546	Mountain whitefish	288	212	SCALES		2	PIT	900026000053894	
0304	3	5547	Mountain whitefish	253	182	SCALES		0	PIT	900026000083441	
0304	3	5548	Mountain whitefish	198	82	SCALES		0			
0304	3	5549	Mountain whitefish	313	294	SCALES		0	PIT	900026000083236	
0304	3	5550	Mountain whitefish	383	506	SCALES	7	0	PIT	900026000148053	
0304	3	5551	Mountain whitefish	277	240	SCALES		0	PIT	900026000083727	
0304	3	5552	Mountain whitefish	238	166	SCALES		0			
0304	3	5553	Mountain whitefish	275	232	SCALES		2	PIT	96500000079734	
0304	3	5554	Mountain whitefish	335	370	SCALES		0	PIT	900026000148773	
0304	3	5555	Mountain whitefish	318	322	SCALES		2	PIT	965000000091206	
0304	3	5556	Mountain whitefish	245	192	SCALES		0			
0304	3	5557	Mountain whitefish	295	270	SCALES		2	PIT	965000000006979	
0304	3	5558	Mountain whitefish	228	134	SCALES		0			
0304	3	5559	Mountain whitefish	271	204	SCALES		2	PIT	900026000053458	
0304	3	5560	Mountain whitefish	255	206	SCALES		0	PIT	900026000083681	
0304	3	5561	Mountain whitefish	271	222	SCALES		2	PIT	900026000054924	
0304	3	5562	Mountain whitefish	228	134	SCALES		0			
0304	3	5563	Mountain whitefish	251	188	SCALES		0	PIT	900026000083589	
0304	3	5564	Mountain whitefish	301	290	SCALES		2	PIT	965000000110218	
0304	3	5565	Mountain whitefish	313	314	SCALES		0	PIT	900026000148464	
0304	3	5566	Mountain whitefish	285	244	SCALES		0	PIT	900026000083687	
0304	3	5567	Mountain whitefish	377	474	SCALES	8	0	PIT	900026000083265	
0304	3	5568	Mountain whitefish	287	250	SCALES		0	PIT	900026000083252	
0304	3	5569	Mountain whitefish	266	206	SCALES		0	PIT	900026000083152	
0304	3	5570	Mountain whitefish	296	282	SCALES		0	PIT	900026000083430	
0304	3	5571	Mountain whitefish	301	246	SCALES		2	PIT	965000000070254	
0304	3	5572	Mountain whitefish	286	234	SCALES		0	PIT	900026000083842	
0304	3	5573	Mountain whitefish	275	226	SCALES		0	PIT	900026000148539	
0304	3	5574	Mountain whitefish	199	94	SCALES		0			
0304	3	5575	Mountain whitefish	285	244	SCALES		0	PIT	900026000083943	
0304	3	5576	Mountain whitefish	283	226	SCALES		0	PIT	900026000148382	
0304	3	5577	Mountain whitefish	330	320	SCALES		0	PIT	900026000148844	
0304	3	5578	Mountain whitefish	277	216	SCALES		2	PIT	965000000282342	
0304	3	5579	Mountain whitefish	296	278	SCALES		2	PIT	965000000093293	
0304	3	5580	Mountain whitefish	263	186	SCALES		0	PIT	900026000148465	
0304	3	5581	Mountain whitefish	222	130	SCALES	3	0			
0304	3	5582	Mountain whitefish	144	36	SCALES		0			
0304	3	5583	Mountain whitefish	311	282	SCALES		2	PIT	900026000060361	
0304	3	5584	Mountain whitefish	249	160	SCALES		0			
0304	3	5585	Mountain whitefish	294	288	SCALES		0	PIT	900026000148721	
0304	3	5586	Mountain whitefish	275	226	SCALES		2	PIT	900026000148039	
0304	3	5587	Mountain whitefish	219	132	SCALES		0			
0304	3	5588	Mountain whitefish	284	256	SCALES		0	PIT	900026000083677	
0304	3	5589	Mountain whitefish	230	132	SCALES		0			
0304	3	5590	Mountain whitefish	425	674	SCALES		0	PIT	900026000083642	
0304	3	5591	Mountain whitefish	322	318	SCALES	7	0	PIT	900026000083205	
0304	3	5592	Mountain whitefish	225	142	SCALES		0			
0304	3	5593	Mountain whitefish	245	156	SCALES	4	0			
0304	3	5594	Mountain whitefish	230	130	SCALES		0			
0304	3	5595	Mountain whitefish	180	68	SCALES		0			
0305	3	5596	Mountain whitefish	402	614	SCALES		2	PIT	965000000239213	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0305	3	5597	Walleye	479	1080			0			
0305	3	5598	Northern pikeminnow	364	562			0			
0305	3	5599	Mountain whitefish	289	246	SCALES		0	PIT	900026000148662	
0305	3	5600	Mountain whitefish	398	636	SCALES		0	PIT	900026000083694	
0305	3	5601	Mountain whitefish	425	632	SCALES		2	PIT	900026000052102	
0305	3	5602	Mountain whitefish	279	232	SCALES		0	PIT	900026000083611	
0305	3	5603	Northern pikeminnow	320	322			0			
0305	3	5604	Mountain whitefish	295	240	SCALES		0	PIT	900026000083486	
0305	3	5605	Mountain whitefish	305	370	SCALES		2	PIT	900026000033792	
0305	3	5606	Mountain whitefish	370	484	SCALES		0	PIT	900026000083830	
0305	3	5607	Mountain whitefish	343	404	SCALES		2	FLOY		3241 YELLOW
0305	3	5608	Mountain whitefish	391	504	SCALES		0	PIT	900026000083470	
0305	3	5609	Mountain whitefish	246	166	SCALES		0			
0305	3	5610	Mountain whitefish	225	144	SCALES		0			
0305	3	5611	Mountain whitefish	316	288	SCALES		2	PIT	900026000083236	
0305	3	5612	Mountain whitefish	279	224	SCALES		0	PIT	900026000148736	
0305	3	5613	Mountain whitefish	388	664	SCALES		0	PIT	900026000148019	
0305	3	5614	Longnose sucker	412	798			0			
0305	3	5615	Mountain whitefish	355	426	SCALES		0	PIT	900026000083794	
0305	3	5616	Bull trout	347	432		5	2	PIT	900026000034731	
0305	3	5617	Mountain whitefish	398	616	SCALES		2	PIT	900026000053930	
0305	3	5618	Mountain whitefish	271	236	SCALES		0	PIT	900026000083390	
0305	3	5619	Mountain whitefish	390	550	SCALES		0	PIT	900026000083928	
0305	3	5620	Mountain whitefish	237	142	SCALES		0			
0305	3	5621	Mountain whitefish	315	214	SCALES		0	PIT	900026000083763	
0305	3	5622	Mountain whitefish	152	36	SCALES		0			
0305	3	5623	Mountain whitefish	353	508	SCALES		0	PIT	900026000083299	
0305	3	5624	Mountain whitefish	315	300	SCALES		0	PIT	900026000083444	
0305	3	5625	Mountain whitefish	268	210	SCALES		0	PIT	900026000083952	
0305	3	5626	Northern pikeminnow	325	368			0			
0305	3	5627	Mountain whitefish	302	244	SCALES		2	PIT	96500000070254	
0305	3	5628	Longnose sucker	241	174			0			
0305	3	5629	Mountain whitefish	356	478	SCALES		2	PIT	96500000070551	
0305	3	5630	Mountain whitefish	322	360	SCALES		2	PIT	900026000052859	
0305	3	5631	Mountain whitefish	269	202	SCALES		2	PIT	900026000083152	
0305	3	5632	Mountain whitefish	254	186	SCALES		0			
0305	3	5633	Longnose sucker	240	176			0			
0305	3	5634	Mountain whitefish	267	206	SCALES		0	PIT	900026000083402	
0305	3	5635	Mountain whitefish	288	248	SCALES		2	PIT	900026000083252	
0305	3	5636	Mountain whitefish	285	226	SCALES		2	PIT	900026000056437	
0305	3	5637	Mountain whitefish	383	532	SCALES		2	PIT	900026000083532	
0305	3	5638	Mountain whitefish	436	790	SCALES		2	PIT	900026000054626	
0305	3	5639	Mountain whitefish	296	242	SCALES		2	PIT	965000000282190	
0305	3	5640	Mountain whitefish	306	280	SCALES		0	PIT	900026000083596	
0305	3	5641	Mountain whitefish	312	294	SCALES		0	PIT	900026000083989	
0305	3	5642	Mountain whitefish	283	242	SCALES		0	PIT	900026000083594	
0305	3	5643	Mountain whitefish	279	220	SCALES		0	PIT	900026000148135	
0305	3	5644	Mountain whitefish	298	260	SCALES		0	PIT	900026000083645	
0305	3	5645	Mountain whitefish	361	416	SCALES		0	PIT	900026000083827	
0305	3	5646	Mountain whitefish	285	262	SCALES		0	PIT	900026000148782	
0305	3	5647	Northern pikeminnow	297	312			0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0305	3	5648	Mountain whitefish	287	252	SCALES	0	PIT	900026000148449	
	0305	3	5649	Mountain whitefish	333	370	SCALES	0	PIT	900026000148361	
	0305	3	5650	Mountain whitefish	318	310	SCALES	0	PIT	900026000083480	
	0305	3	5651	Mountain whitefish	285	226	SCALES	0	PIT	900026000083400	
	0305	3	5652	Mountain whitefish	394	528	SCALES	0	PIT	900026000148769	
	0305	3	5653	Mountain whitefish	246	170	SCALES	0			
	0305	3	5654	Mountain whitefish	383	518	SCALES	0	PIT	900026000084077	
	0305	3	5655	Mountain whitefish	257	182	SCALES	0	PIT	900026000083776	
	0305	3	5656	Mountain whitefish	295	260	SCALES	0	PIT	900026000148034	
	0305	3	5657	Mountain whitefish	331	308	SCALES	2	PIT	900026000034946	
	0305	3	5658	Mountain whitefish	243	158	SCALES	0			
	0305	3	5659	Mountain whitefish	295	260	SCALES	2	PIT	96500000006979	
	0305	3	5660	Mountain whitefish	345	342	SCALES	0	PIT	900026000083449	
	0305	3	5661	Mountain whitefish	390	522	SCALES	0	PIT	900026000083948	
	0305	3	5662	Mountain whitefish	282	220	SCALES	2	PIT	965000000112690	
	0305	3	5663	Longnose sucker	267	226		0			
	0305	3	5664	Mountain whitefish	283	244	SCALES	0	PIT	900026000148671	
	0305	3	5665	Mountain whitefish	284	220	SCALES	2	PIT	965000000093504	
	0305	3	5666	Mountain whitefish	247	166	SCALES	0			
	0305	3	5667	Mountain whitefish	228	132	SCALES	0			
	0305	3	5668	Mountain whitefish	225	134	SCALES	0			
	0305	3	5669	Mountain whitefish	277	266	SCALES	0	PIT	900026000148063	
	0305	3	5670	Mountain whitefish	257	194	SCALES	0	PIT	900026000084048	
	0305	3	5671	Mountain whitefish	284	240	SCALES	0	PIT	900026000083647	
	0305	3	5672	Mountain whitefish	296	252	SCALES	0	PIT	900026000084016	
	0305	3	5673	Mountain whitefish	282	220	SCALES	0	PIT	900026000083772	
	0305	3	5674	Mountain whitefish	359	362	SCALES	0	PIT	900026000148555	
	0305	3	5675	Mountain whitefish	201	90	SCALES	0			
	0305	3	5676	Mountain whitefish	199	84	SCALES	0			
	0305	3	5677	Northern pikeminnow	257	180		0			
	0305	3	5678	Northern pikeminnow	247	152		0			
	0305	3	5679	Mountain whitefish	203	90	SCALES	0			
	0305	3	5680	Mountain whitefish	265	194	SCALES	0	PIT	900026000083799	
	0305	3	5681	Mountain whitefish	221	122	SCALES	0			
	0305	3	5682	Mountain whitefish	256	186	SCALES	0	PIT	900026000148404	
	0305	3	5683	Mountain whitefish	275	192	SCALES	0	PIT	900026000083828	
	0305	3	5684	Mountain whitefish	220	114	SCALES	0			
	0305	3	5685	Mountain whitefish	278	196	SCALES	0	PIT	900026000083856	
	0305	3	5686	Mountain whitefish	258	200	SCALES	0	PIT	900026000148041	
	0305	3	5687	Mountain whitefish	255	176	SCALES	0	PIT	900026000148980	
	0305	3	5688	Mountain whitefish	194	78	SCALES	0			
	0305	3	5689	Mountain whitefish	330	308	SCALES	0	PIT	900026000148831	
	0305	3	5690	Mountain whitefish	252	154	SCALES	0	PIT	900026000083553	
	0305	3	5691	Mountain whitefish	224	134	SCALES	0			
	0305	3	5692	Mountain whitefish	246	170	SCALES	0			
	0305	3	5693	Mountain whitefish	301	278	SCALES	5	PIT	900026000083867	
	0306	3	5694	Mountain whitefish	284	244	SCALES	0	PIT	900026000148350	
	0306	3	5695	Mountain whitefish	359	404	SCALES	0	PIT	900026000083706	
	0306	3	5696	Mountain whitefish	280	224	SCALES	2	PIT	965000000281814	
	0306	3	5697	Mountain whitefish	220	120	SCALES	0			
	0306	3	5698	Mountain whitefish	292	240	SCALES	0	PIT	900026000083817	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0306	3	5699	Mountain whitefish	273	210	SCALES	2	PIT	900026000035269	
	0306	3	5700	Mountain whitefish	232	128	SCALES	0			
	0306	3	5701	Mountain whitefish	368	522	SCALES	2	PIT	965000000242748	
	0306	3	5702	Mountain whitefish	251	152	SCALES	0	PIT	900026000083919	
	0306	3	5703	Mountain whitefish	231	140	SCALES	0			
	0306	3	5704	Mountain whitefish	266	200	SCALES	2	PIT	900026000035149	
	0306	3	5705	Mountain whitefish	229	114	SCALES	0			
	0306	3	5706	Mountain whitefish	233	162	SCALES	0			
	0306	3	5707	Mountain whitefish	160	46	SCALES	0			
	0306	3	5708	Mountain whitefish	245	152	SCALES	0			
	0306	3	5709	Mountain whitefish	212	104	SCALES	0			
	0306	3	5710	Mountain whitefish	197	80	SCALES	0			
	0306	3	5711	Mountain whitefish	154	40	SCALES	0			
	0306	3	5712	Mountain whitefish	153	36	NO STRUCT	0			
	0306	3	5713	Kokanee	164	40	SCALES	0			
	0306	3	5714	Mountain whitefish	297	266	SCALES	0	PIT	900026000148553	
	0306	3	5715	Mountain whitefish	284	250	SCALES	2	PIT	900026000034894	
	0306	3	5716	Mountain whitefish	273	196	SCALES	2	PIT	900026000065046	
	0306	3	5717	Mountain whitefish	265	228	SCALES	0	PIT	900026000083696	
	0306	3	5718	Mountain whitefish	310	270	SCALES	0	PIT	900026000083833	
	0307	3	5719	Northern pikeminnow	462	1260		0			
	0307	3	5720	Longnose sucker	401	874		0			
	0307	3	5721	Mountain whitefish	325	312	SCALES	2	PIT	0A00724360	
	0307	3	5722	Mountain whitefish	217	114	SCALES	3	0		
	0307	3	5723	Mountain whitefish	218	116	SCALES	0			
	0307	3	5724	Mountain whitefish	205	102	SCALES	0			
	0307	3	5725	Mountain whitefish	348	362	SCALES	2	FLOY	13717	WHITE
	0307	3	5726	Northern pikeminnow	389	646		0			
	0307	3	5727	Mountain whitefish	338	386	SCALES	2	PIT	900026000054273	
	0307	3	5728	Mountain whitefish	276	244	SCALES	0	PIT	900026000148051	
	0307	3	5729	Mountain whitefish	289	244	SCALES	2	PIT	900026000061541	
	0307	3	5730	Mountain whitefish	294	288	SCALES	0	PIT	900026000083746	
	0307	3	5731	Mountain whitefish	277	232	SCALES	0	PIT	900026000148987	
	0307	3	5732	Mountain whitefish	276	208	SCALES	2	PIT	900026000054906	
	0307	3	5733	Rainbow trout	197	104	SCALES	0			
	0307	3	5734	Mountain whitefish	263	196	SCALES	0	PIT	900026000148161	
	0307	3	5735	Mountain whitefish	247	166	SCALES	0			
	0307	3	5736	Mountain whitefish	423	744	SCALES	0	PIT	900026000083664	
	0307	3	5737	Mountain whitefish	337	388	SCALES	0	PIT	900026000148061	
	0307	3	5738	Mountain whitefish	286	264	SCALES	4	2	PIT	965000000112136
	0307	3	5739	Mountain whitefish	258	202	SCALES	3	0	PIT	900026000083153
	0307	3	5740	Mountain whitefish	280	244	SCALES	0	PIT	900026000083862	
	0307	3	5741	Mountain whitefish	284	252	SCALES	0	PIT	900026000083461	
	0307	3	5742	Mountain whitefish	287	240	SCALES	2	PIT	965000000281253	
	0307	3	5743	Bull trout	301	280	FS	4	0	PIT	900026000083275
	0307	3	5744	Mountain whitefish	241	166	SCALES	0			
	0307	3	5745	Mountain whitefish	238	152	SCALES	0			
	0307	3	5746	Mountain whitefish	271	250	SCALES	0	PIT	900026000083764	
	0307	3	5747	Mountain whitefish	250	186	SCALES	0	PIT	900026000083533	
	0307	3	5748	Bull trout	409	716	FS	6	0	PIT	900026000083488
	0307	3	5749	Bull trout	346	418	FS	5	0	PIT	900026000083157

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
3												
	0307	3	5750	Bull trout	322	334		2	PIT	900026000051994		
	0307	3	5751	Bull trout	234	112		2	PIT	900026000055586		
	0307	3	5752	Mountain whitefish	349	430	SCALES	2	PIT	4D00034316		
	0307	3	5753	Mountain whitefish	260	176	SCALES	0	PIT	900026000083762		
	0307	3	5754	Mountain whitefish	268	222	SCALES	2	PIT	965000000280983		
	0307	3	5755	Mountain whitefish	330	326	SCALES	0	PIT	900026000148277		
	0307	3	5756	Mountain whitefish	284	238	SCALES	5	0	PIT	900026000083662	
	0307	3	5757	Mountain whitefish	294	254	SCALES	0	PIT	900026000083565		
	0307	3	5758	Mountain whitefish	305	300	SCALES	0	PIT	900026000083523		
	0307	3	5759	Mountain whitefish	161	62	SCALES	0				
	0307	3	5760	Mountain whitefish	220	146	SCALES	0				
	0307	3	5761	Bull trout	240	128	FS	3	0	PIT	900026000083735	
	0314	3	5762	Longnose sucker	375	688		0				
	0314	3	5763	Longnose sucker	395	794		0				
	0314	3	5764	Longnose sucker	399	854		0				
	0314	3	5765	Longnose sucker	457	1260		0				
	0314	3	5766	Longnose sucker	438	1218		0				
	0314	3	5767	Longnose sucker	371	650		0				
	0314	3	5768	Longnose sucker	422	1018		0				
	0314	3	5769	Largescale sucker	431	1098		0				
	0314	3	5770	Mountain whitefish	300	310	SCALES	2	PIT	900026000083455		
	0314	3	5771	Mountain whitefish	269	190	SCALES	4	0	PIT	900026000053857	
	0314	3	5772	Mountain whitefish	332	300	SCALES	0	PIT	900026000055906		
	0314	3	5773	Mountain whitefish	267	226	SCALES	0	PIT	900026000052278		
	0314	3	5774	Mountain whitefish	299	268	SCALES	0	PIT	900026000052175		
	0314	3	5775	Mountain whitefish	351	328	SCALES	5	PIT	900026000055508		
	0314	3	5776	Mountain whitefish	272	228	SCALES	0	PIT	900026000053815		
	0314	3	5777	Mountain whitefish	294	230	SCALES	5	0	PIT	900026000057077	
	0314	3	5778	Mountain whitefish	283	208	SCALES	2	PIT	900026000057216		
	0314	3	5779	Mountain whitefish	366	406	SCALES	0	PIT	900026000051509		
	0314	3	5780	Mountain whitefish	260	194	SCALES	0	PIT	900026000056087		
	0314	3	5781	Mountain whitefish	263	182	SCALES	2	PIT	965000000110788		
	0314	3	5782	Mountain whitefish	265	206	SCALES	2	PIT	900026000053713		
	0314	3	5783	Mountain whitefish	284	198	SCALES	0	PIT	900026000053480		
	0314	3	5784	Mountain whitefish	279	262	SCALES	0	PIT	900026000055808		
	0314	3	5785	Mountain whitefish	255	178	SCALES	0	PIT	900026000056206		
	0314	3	5786	Mountain whitefish	235	164	SCALES	0				
	0314	3	5787	Mountain whitefish	223	118	SCALES	0				
	0314	3	5788	Rainbow trout	199	104	SCALES	0				
	0314	3	5789	Rainbow trout	293	320	SCALES	0	PIT	900026000055499		
	0314	3	5790	Mountain whitefish	402	518	SCALES	0	PIT	900026000053613		
	0314	3	5791	Mountain whitefish	329	362	SCALES	2	PIT	965000000087571		
	0314	3	5792	Mountain whitefish	271	198	SCALES	2	PIT	965000000281776		
	0314	3	5793	Mountain whitefish	392	462	SCALES	0	PIT	900026000051779		
	0314	3	5794	Mountain whitefish	273	202	SCALES	0	PIT	900026000055958		
	0314	3	5795	Mountain whitefish	281	226	SCALES	2	PIT	900026000052799		
	0314	3	5796	Mountain whitefish	281	240	SCALES	2	PIT	965000000248258		
	0314	3	5797	Mountain whitefish	269	204	SCALES	0	PIT	900026000054051		
	0314	3	5798	Mountain whitefish	326	262	SCALES	2	PIT	965000000247598		
	0314	3	5799	Mountain whitefish	290	298	SCALES	0	PIT	900026000054066		
	0314	3	5800	Mountain whitefish	253	178	SCALES	2	PIT	900026000065478		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
3												
	0314	3	5801	Mountain whitefish	256	182	SCALES		0	PIT	900026000052500	
	0314	3	5802	Mountain whitefish	275	250	SCALES	5	2	PIT	900026000065598	
	0314	3	5803	Mountain whitefish	328	324	SCALES		0	PIT	900026000056435	
	0314	3	5804	Mountain whitefish	296	274	SCALES		0	PIT	900026000061627	
	0314	3	5805	Mountain whitefish	335	328	SCALES	7	0	PIT	900026000053974	
	0314	3	5806	Mountain whitefish	291	244	SCALES		0	PIT	900026000055553	
	0314	3	5807	Mountain whitefish	253	194	SCALES		0			
	0314	3	5808	Mountain whitefish	288	260	SCALES		2	PIT	900026000148069	
	0315	3	5809	Longnose sucker	400	834			0			
	0315	3	5810	Longnose sucker	414	1036			0			
	0315	3	5811	Longnose sucker	350	596			0			
	0315	3	5812	Longnose sucker	402	814			0			
	0315	3	5813	Longnose sucker	385	756			0			
	0315	3	5814	Longnose sucker	418	996			0			
	0315	3	5815	Longnose sucker	368	726			0			
	0315	3	5816	Longnose sucker	392	816			0			
	0315	3	5817	Longnose sucker	364	688			0			
	0315	3	5818	White sucker	436	1144			0			
	0315	3	5819	Northern pikeminnow	430	1046			0			
	0315	3	5820	Mountain whitefish	325		SCALES		0	PIT	900026000053256	
	0315	3	5821	Mountain whitefish	318	292	SCALES		0	PIT	900026000053310	
	0315	3	5822	Mountain whitefish	298	244	SCALES		0	PIT	900026000055416	
	0315	3	5823	Mountain whitefish	306	282	SCALES		2	PIT	900026000054059	
	0315	3	5824	Mountain whitefish	310	270	SCALES		2	PIT	965000000237880	
	0315	3	5825	Mountain whitefish	256	192	SCALES		0	PIT	900026000053554	
	0315	3	5826	Mountain whitefish	266	218	SCALES		0	PIT	900026000035201	
	0315	3	5827	Mountain whitefish	299	284	SCALES		2	PIT	965000000242169	
	0315	3	5828	Mountain whitefish	313	310	SCALES		0	PIT	900026000056951	
	0315	3	5829	Mountain whitefish	204	106	SCALES		0			
	0315	3	5830	Mountain whitefish	267	210	SCALES		0	PIT	900026000063336	
	0315	3	5831	Mountain whitefish	278	236	SCALES		2	PIT	900026000063821	
	0315	3	5832	Mountain whitefish	336	376	SCALES		2	FLOY	16530	WHITE
	0315	3	5833	Mountain whitefish	243	162	SCALES	3	0			
	0315	3	5834	Mountain whitefish	280	244	SCALES		0	PIT	900026000063407	
	0315	3	5835	Mountain whitefish	325	308	SCALES		2	PIT	965000000242954	
	0315	3	5836	Rainbow trout	219	126	SCALES		0			
	0315	3	5837	Mountain whitefish	307	266	SCALES		2	PIT	965000000243070	
	0315	3	5838	Mountain whitefish	318	296	SCALES		0	PIT	900026000053752	
	0315	3	5839	Mountain whitefish	202	86	SCALES		0			
	0315	3	5840	Mountain whitefish	287	260	SCALES		0	PIT	900026000052098	
	0315	3	5841	Mountain whitefish	368	428	SCALES		0	PIT	900026000052249	
	0315	3	5842	Mountain whitefish	295	276	SCALES		2	PIT	965000000072494	
	0315	3	5843	Mountain whitefish	301	272	SCALES		0	PIT	900026000034101	
	0315	3	5844	Mountain whitefish	271	206	SCALES		2	PIT	965000000282761	
	0315	3	5845	Mountain whitefish	278	238	SCALES		2	PIT	900026000054161	
	0315	3	5846	Mountain whitefish	237	158	SCALES		0			
	0315	3	5847	Mountain whitefish	273	218	SCALES		0	PIT	900026000064385	
	0315	3	5848	Mountain whitefish	240	138	SCALES		0			
	0315	3	5849	Mountain whitefish	272	226	SCALES		0	PIT	900026000035264	
	0315	3	5850	Mountain whitefish	282	244	SCALES		0	PIT	900026000056162	
	0315	3	5851	Mountain whitefish	330	302	SCALES		0	PIT	900026000061036	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
3												
	0315	3	5852	Mountain whitefish	286	266	SCALES	0	PIT	900026000056736		
	0315	3	5853	Mountain whitefish	288	264	SCALES	0	PIT	900026000053243		
	0315	3	5854	Mountain whitefish	279	228	SCALES	0	PIT	900026000056898		
	0315	3	5855	Mountain whitefish	280	250	SCALES	0	PIT	900026000056010		
	0315	3	5856	Mountain whitefish	282	230	SCALES	2	PIT	900026000055600		
	0315	3	5857	Mountain whitefish	335	410	SCALES	2	FLOY		9002YELLOW	
	0315	3	5858	Mountain whitefish	288	220	SCALES	2	PIT	900026000064697		
	0315	3	5859	Mountain whitefish	282	202	SCALES	0	PIT	900026000063476		
	0315	3	5860	Mountain whitefish	250	164	SCALES	0	PIT	900026000056124		
	0315	3	5861	Mountain whitefish	285	210	SCALES	0	PIT	900026000052430		
	0315	3	5862	Mountain whitefish	275	223	SCALES	0	PIT	900026000034911		
	0315	3	5863	Mountain whitefish	331	374	SCALES	0	PIT	900026000060621		
	0315	3	5864	Mountain whitefish	299	260	SCALES	2	PIT	965000000090457		
	0315	3	5865	Mountain whitefish	274	224	SCALES	0	PIT	900026000053923		
	0315	3	5866	Mountain whitefish	248	168	SCALES	0				
	0315	3	5867	Mountain whitefish	274	226	SCALES	0	PIT	900026000055560		
	0315	3	5868	Mountain whitefish	278	226	SCALES	0	PIT	900026000055450		
	0315	3	5869	Mountain whitefish	300	256	SCALES	0	PIT	900026000057316		
	0315	3	5870	Mountain whitefish	271	202	SCALES	0	PIT	900026000055232		
	0315	3	5871	Mountain whitefish	295	250	SCALES	5	0	PIT	900026000057228	
	0315	3	5872	Mountain whitefish	252	158	SCALES	0	PIT	900026000064629		
	0315	3	5873	Mountain whitefish	311	290	SCALES	2	PIT	965000000067665		
	0315	3	5874	Longnose sucker	356	604		0				
	0315	3	5875	Longnose sucker	375	776		0				
	0315	3	5876	Mountain whitefish	273	210	SCALES	0	PIT	900026000052183		
	0315	3	5877	Mountain whitefish	318	282	SCALES	0	PIT	900026000051371		
	0315	3	5878	Mountain whitefish	332	348	SCALES	2	PIT	965000000238795		
	0315	3	5879	Mountain whitefish	298	254	SCALES	2	PIT	900026000035175		
	0315	3	5880	Mountain whitefish	233	163	SCALES	0				
	0315	3	5881	Mountain whitefish	309	288	SCALES	2	PIT	965000000241888		
	0315	3	5882	Mountain whitefish	320	272	SCALES	0	PIT	900026000055171		
	0315	3	5883	Mountain whitefish	264	206	SCALES	0	PIT	900026000055364		
	0315	3	5884	Mountain whitefish	276	210	SCALES	0	PIT	900026000053342		
	0315	3	5885	Mountain whitefish	300	248	SCALES	0	PIT	900026000035137		
	0315	3	5886	Mountain whitefish	287	236	SCALES	0	PIT	900026000051598		
	0315	3	5887	Mountain whitefish	304	332	SCALES	2	PIT	965000000243040		
	0315	3	5888	Mountain whitefish	355	344	SCALES	2	PIT	965000000246149		
	0315	3	5889	Mountain whitefish	286	208	SCALES	0	PIT	900026000057563		
	0315	3	5890	Mountain whitefish	280	242	SCALES	2	PIT	965000000077513		
	0315	3	5891	Mountain whitefish	277	274	SCALES	0				
	0315	3	5892	Mountain whitefish	247	192	SCALES	0				
	0315	3	5893	Mountain whitefish	279	244	SCALES	0	PIT	900026000056086		
	0315	3	5894	Mountain whitefish	278	206	SCALES	4	0	PIT	900026000035223	
	0315	3	5895	Mountain whitefish	339	372	SCALES	2	PIT	900026000064129		
	0315	3	5896	Mountain whitefish	282	240	SCALES	0	PIT	900026000055697		
	0315	3	5897	Mountain whitefish	268	192	SCALES	0	PIT	900026000056584		
	0315	3	5898	Mountain whitefish	288	224	SCALES	2	PIT	965000000088531		
	0315	3	5899	Longnose sucker	345	528		0				
	0315	3	5900	Mountain whitefish	396	464	SCALES	0	PIT	900026000035250		
	0315	3	5901	Mountain whitefish	260	182	SCALES	3	2	PIT	900026000051587	
	0315	3	5902	Longnose sucker	345	586		0				

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0315	3	5903	Mountain whitefish	380	468	SCALES	2	PIT	0A00711943	
	0315	3	5904	Mountain whitefish	280	240	SCALES	0	PIT	900026000056466	
	0315	3	5905	Mountain whitefish	285	254	SCALES	2	PIT	965000000281196	
	0315	3	5906	Mountain whitefish	322	304	SCALES	0	PIT	900026000055448	
	0315	3	5907	Mountain whitefish	259	186	SCALES	2	PIT	900026000051510	
	0315	3	5908	Mountain whitefish	278	220	SCALES	0	PIT	900026000053774	
	0315	3	5909	Longnose sucker	390	846		0			
	0315	3	5910	Mountain whitefish	263	226	SCALES	2	PIT	965000000007718	
	0315	3	5911	Mountain whitefish	276	250	SCALES	0	PIT	900026000063249	
	0315	3	5912	Mountain whitefish	262	186	SCALES	0	PIT	900026000055735	
	0315	3	5913	Mountain whitefish	270	204	SCALES	0	PIT	900026000052507	
	0308	3	5914	Largescale sucker	534	1702		0			
	0308	3	5915	Longnose sucker	357	630		0			
	0308	3	5916	Mountain whitefish	255	214	SCALES	0	PIT	900026000055318	
	0308	3	5917	Mountain whitefish	281	234	SCALES	5	2	PIT	900026000054673
	0308	3	5918	Mountain whitefish	277	210	SCALES	0	PIT	900026000051324	
	0308	3	5919	Mountain whitefish	300	286	SCALES	0	PIT	900026000063310	
	0308	3	5920	Mountain whitefish	268	224	SCALES	0	PIT	900026000052487	
	0308	3	5921	Mountain whitefish	269	210	SCALES	0	PIT	900026000056333	
	0308	3	5922	Mountain whitefish	202	84	SCALES	2	0		
	0308	3	5923	Mountain whitefish	224	128	SCALES	0			
	0308	3	5924	Mountain whitefish	225	124	SCALES	0			
	0308	3	5925	Mountain whitefish	270	238	SCALES	0	PIT	900026000053985	
	0308	3	5926	Mountain whitefish	287	260	SCALES	2	PIT	900026000083976	
	0308	3	5927	Mountain whitefish	317	284	SCALES	2	PIT	900026000051371	
	0308	3	5928	Mountain whitefish	268	230	SCALES	0	PIT	900026000035156	
	0308	3	5929	Mountain whitefish	246	162	SCALES	0			
	0308	3	5930	Mountain whitefish	238	142	SCALES	0			
	0308	3	5931	Mountain whitefish	293	284	SCALES	0	PIT	900026000055157	
	0308	3	5932	Mountain whitefish	270	202	SCALES	0	PIT	900026000053874	
	0308	3	5933	Mountain whitefish	273	226	SCALES	0	PIT	900026000053611	
	0308	3	5934	Mountain whitefish	236	140	SCALES	0			
	0308	3	5935	Mountain whitefish	288	230	SCALES	0	PIT	900026000054004	
	0308	3	5936	Mountain whitefish	268	210	SCALES	0	PIT	900026000052455	
	0308	3	5937	Mountain whitefish	229	122	SCALES	0			
	0308	3	5938	Mountain whitefish	303	262	SCALES	2	PIT	965000000238546	
	0308	3	5939	Mountain whitefish	277	234	SCALES	0	PIT	900026000055478	
	0308	3	5940	Mountain whitefish	280	244	SCALES	0	PIT	900026000055880	
	0308	3	5941	Mountain whitefish	283	246	SCALES	0	PIT	900026000052196	
	0308	3	5942	Mountain whitefish	281	224	SCALES	0	PIT	900026000053770	
	0309	3	5943	Mountain whitefish	268	186	SCALES	0	PIT	900026000054100	
	0309	3	5944	Mountain whitefish	305	288	SCALES	0	PIT	900026000053909	
	0309	3	5945	Mountain whitefish	333	366	SCALES	2	PIT	965000000084610	
	0309	3	5946	Mountain whitefish	305	270	SCALES	2	PIT	900026000055148	
	0309	3	5947	Mountain whitefish	333	348	SCALES	2	PIT	965000000243346	
	0309	3	5948	Mountain whitefish	278	228	SCALES	0	PIT	900026000055559	
	0309	3	5949	Mountain whitefish	248	158	SCALES	0			
	0309	3	5950	Mountain whitefish	333	360	SCALES	2	PIT	965000000087686	
	0309	3	5951	Mountain whitefish	292	264	SCALES	2	PIT	965000000246572	
	0309	3	5952	Mountain whitefish	295	258	SCALES	0	PIT	900026000055616	
	0309	3	5953	Mountain whitefish	264	194	SCALES	0	PIT	900026000055747	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
3												
	0309	3	5954	Mountain whitefish	297	276	SCALES	0	PIT	900026000052106		
	0309	3	5955	Mountain whitefish	308	280	SCALES	2	PIT	965000000282735		
	0309	3	5956	Mountain whitefish	276	218	SCALES	2	PIT	900026000083540		
	0309	3	5957	Mountain whitefish	283	220	SCALES	0	PIT	900026000055849		
	0309	3	5958	Mountain whitefish	236	156	SCALES	4	0			
	0309	3	5959	Mountain whitefish	218	108	SCALES	0				
	0309	3	5960	Mountain whitefish	202	98	SCALES	0				
	0309	3	5961	Mountain whitefish	343	352	SCALES	0	PIT	900026000053785		
	0309	3	5962	Mountain whitefish	288	290	SCALES	0	PIT	900026000053763		
	0309	3	5963	Mountain whitefish	258	182	SCALES	0	PIT	900026000055718		
	0309	3	5964	Mountain whitefish	248	148	SCALES	0				
	0309	3	5965	Mountain whitefish	294	272	SCALES	0	PIT	900026000053898		
	0309	3	5966	Mountain whitefish	234	146	SCALES	0				
	0309	3	5967	Mountain whitefish	226	114	SCALES	0				
	0309	3	5968	Mountain whitefish	166	56	SCALES	0				
	0309	3	5969	Mountain whitefish	203	104	SCALES	0				
	0309	3	5970	Mountain whitefish	452	832	SCALES	2	PIT	965000000089519		
	0309	3	5971	Longnose sucker	370	698		0				
	0309	3	5972	Mountain whitefish	277	228	SCALES	0	PIT	900026000055428		
	0309	3	5973	Mountain whitefish	395	560	SCALES	0	PIT	900026000064316		
	0309	3	5974	Mountain whitefish	281	226	SCALES	0	PIT	900026000054123		
	0309	3	5975	Longnose sucker	415	974		0				
	0309	3	5976	Mountain whitefish	291	244	SCALES	2	PIT	900026000051656		
	0309	3	5977	Mountain whitefish	250	178	SCALES	0	PIT	900026000035206		
	0309	3	5978	Mountain whitefish	242	180	SCALES	0				
	0309	3	5979	Bull trout	342	400		2	PIT	900026000051502		
	0309	3	5980	Mountain whitefish	282	240	SCALES	2	PIT	900026000055258		
	0309	3	5981	Mountain whitefish	146	32	SCALES	1	0			
	0309	3	5982	Mountain whitefish	205	94	SCALES	0				
	0309	3	5983	Mountain whitefish	257	194	SCALES	0	PIT	900026000057530		
	0309	3	5984	Mountain whitefish	285	244	SCALES	0	PIT	900026000054005		
	0309	3	5985	Mountain whitefish	276	222	SCALES	0	PIT	900026000053891		
	0309	3	5986	Mountain whitefish	430	848	SCALES	0	PIT	900026000055497		
	0309	3	5987	Mountain whitefish	278	216	SCALES	0	PIT	900026000054015		
	0309	3	5988	Mountain whitefish	230	134	SCALES	0				
	0309	3	5989	Mountain whitefish	236	146	SCALES	0				
	0309	3	5990	Mountain whitefish	300	274	SCALES	2	PIT	965000000247712		
	0309	3	5991	Mountain whitefish	204	90	SCALES	0				
	0309	3	5992	Longnose sucker	405	966		0				
	0309	3	5993	Mountain whitefish	308	274	SCALES	0	PIT	900026000051752		
	0309	3	5994	Mountain whitefish	281	250	SCALES	2	PIT	965000000281266		
	0309	3	5995	Mountain whitefish	274	222	SCALES	2	PIT	900026000055579		
	0309	3	5996	Mountain whitefish	248	156	SCALES	0				
	0309	3	5997	Mountain whitefish	241	160	SCALES	0				
	0309	3	5998	Mountain whitefish	255	190	SCALES	0	PIT	900026000056175		
	0309	3	5999	Mountain whitefish	262	200	SCALES	0	PIT	900026000051606		
	0309	3	6000	Mountain whitefish	263	166	SCALES	2	PIT	900026000056986		
	0309	3	6001	Mountain whitefish	262	198	SCALES	3	0	PIT	900026000056042	
	0309	3	6002	Mountain whitefish	343	322	SCALES	2	PIT	965000000245428		
	0309	3	6003	Mountain whitefish	256	174	SCALES	0	PIT	900026000051689		
	0309	3	6004	Mountain whitefish	281	260	SCALES	0	PIT	900026000055824		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0309	3	6005	Mountain whitefish	238	148	SCALES	0			
	0309	3	6006	Mountain whitefish	253	162	SCALES	0	PIT	900026000054122	
	0309	3	6007	Mountain whitefish	265	192	SCALES	0	PIT	900026000052318	
	0309	3	6008	Mountain whitefish	292	264	SCALES	0	PIT	900026000054042	
	0316	3	6009	Largescale sucker	481	198		0			
	0316	3	6010	Largescale sucker	393	732		0			
	0316	3	6011	Largescale sucker	504	1426		0			
	0316	3	6012	White sucker	343	476		0			
	0316	3	6013	Longnose sucker	385	778		0			
	0316	3	6014	Walleye	450	1196	FIN RAY	0	PIT	900026000053170	
	0316	3	6015	Mountain whitefish	459	840	SCALES	2	PIT	965000000089519	
	0316	3	6016	Longnose sucker	413	832		0			
	0316	3	6017	Mountain whitefish	181	86	SCALES	0			
	0316	3	6018	Mountain whitefish	282	220	SCALES	2	PIT	900026000055849	
	0316	3	6019	Mountain whitefish	264	200	SCALES	0	PIT	900026000057229	
	0316	3	6020	Mountain whitefish	250	186	SCALES	0	PIT	900026000033572	
	0316	3	6021	Mountain whitefish	300	314	SCALES	0	PIT	900026000035428	
	0316	3	6022	Mountain whitefish	258	182	SCALES	0	PIT	900026000051194	
	0316	3	6023	Mountain whitefish	224	142	SCALES	0			
	0316	3	6024	Mountain whitefish	225	138	SCALES	0			
	0316	3	6025	Rainbow trout	452	966		0	PIT	900026000053924	
	0316	3	6026	Mountain whitefish	266	222	SCALES	0	PIT	900026000056022	
	0316	3	6027	Mountain whitefish	244	162	SCALES	0			
	0316	3	6028	Mountain whitefish	188	80	SCALES	0			
	0316	3	6029	Mountain whitefish	254	186	SCALES	2	PIT	900026000055632	
	0316	3	6030	Mountain whitefish	288	250	SCALES	0	PIT	900026000057482	
	0316	3	6031	Mountain whitefish	265	208	SCALES	2	PIT	900026000148950	
	0316	3	6032	Mountain whitefish	195	90	SCALES	0			
	0316	3	6033	Mountain whitefish	208	102	SCALES	0			
	0316	3	6034	Mountain whitefish	202	92	SCALES	0			
	0316	3	6035	Mountain whitefish	326	312	SCALES	2	PIT	965000000079582	
	0316	3	6036	Longnose sucker	366	656		0			
	0316	3	6037	Mountain whitefish	255	186	SCALES	0	PIT	900026000056028	
	0316	3	6038	Mountain whitefish	298	250	SCALES	2	PIT	965000000244209	
	0316	3	6039	Mountain whitefish	270	224	SCALES	0	PIT	900026000053758	
	0316	3	6040	Mountain whitefish	285	226	SCALES	2	PIT	965000000240853	
	0316	3	6041	Mountain whitefish	245	166	SCALES	0			
	0316	3	6042	Mountain whitefish	241	152	SCALES	0			
	0316	3	6043	Mountain whitefish	213	110	SCALES	0			
	0316	3	6044	Mountain whitefish	236	142	SCALES	0			
	0316	3	6045	Mountain whitefish	203	92	SCALES	0			
	0316	3	6046	Mountain whitefish	277	240	SCALES	0	PIT	900026000054032	
	0316	3	6047	Mountain whitefish	303	306	SCALES	2	PIT	965000000244597	
	0316	3	6048	Mountain whitefish	305	296	SCALES	2	PIT	900026000053909	
	0316	3	6049	Mountain whitefish	277	236	SCALES	0	PIT	900026000035322	
	0316	3	6050	Mountain whitefish	272	224	SCALES	2	PIT	900026000062127	
	0316	3	6051	Mountain whitefish	244	168	SCALES	0			
	0316	3	6052	Mountain whitefish	134	30	SCALES	0			
	0316	3	6053	Mountain whitefish	220	120	SCALES	0			
	0316	3	6054	Mountain whitefish	276	202	SCALES	4	0	PIT	900026000053546
	0316	3	6055	Mountain whitefish	255	196	SCALES	0	PIT	900026000055591	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0316	3	6056	Mountain whitefish	293	266	SCALES	0	PIT	900026000052490	
	0316	3	6057	Mountain whitefish	273	236	SCALES	0	PIT	900026000056174	
	0316	3	6058	Mountain whitefish	275	236	SCALES	0	PIT	900026000035615	
	0316	3	6059	Mountain whitefish	200	98	SCALES	0			
	0316	3	6060	Mountain whitefish	264	222	SCALES	0	PIT	900026000054053	
	0316	3	6061	Mountain whitefish	286	202	SCALES	0	PIT	900026000052340	
	0316	3	6062	Mountain whitefish	222	128	SCALES	0			
	0316	3	6063	Mountain whitefish	288	260	SCALES	0	PIT	900026000063392	
	0316	3	6064	Mountain whitefish	265	194	SCALES	2	PIT	900026000054100	
	0316	3	6065	Mountain whitefish	286	262	SCALES	0	PIT	900026000055997	
	0316	3	6066	Mountain whitefish	289	292	SCALES	2	PIT	900026000053763	
	0316	3	6067	Mountain whitefish	380	520	SCALES	2	PIT	900026000063666	
	0316	3	6068	Longnose sucker	387	818		0			
	0316	3	6069	Mountain whitefish	210	114	SCALES	2	0		
	0316	3	6070	Mountain whitefish	189	84	SCALES	0			
	0316	3	6071	Mountain whitefish	279	226	SCALES	0	PIT	900026000054112	
	0316	3	6072	Mountain whitefish	234	152	SCALES	0			
	0316	3	6073	Mountain whitefish	231	160	SCALES	0			
	0316	3	6074	Rainbow trout	217	138		0			
	0316	3	6075	Rainbow trout	300	388		2	PIT	900026000052443	
	0316	3	6076	Bull trout	420	732	FS	5	0	PIT	900026000034778
	0310	3	6077	Mountain whitefish	354	286	SCALES	0	PIT	900026000035284	
	0310	3	6078	Mountain whitefish	295	246	SCALES	2	PIT	900026000051255	
	0310	3	6079	Mountain whitefish	275	230	SCALES	2	PIT	900026000148383	
	0310	3	6080	Mountain whitefish	258	196	SCALES	2	PIT	900026000055200	
	0310	3	6081	Mountain whitefish	267	208	SCALES	0	PIT	900026000035304	
	0310	3	6082	Mountain whitefish	240	152	SCALES	0			
	0310	3	6083	Mountain whitefish	284	230	SCALES	2	PIT	900026000083234	
	0310	3	6084	Mountain whitefish	275	222	SCALES	0	PIT	900026000055584	
	0310	3	6085	Mountain whitefish	234	142	SCALES	0			
	0310	3	6086	Mountain whitefish	367	414	SCALES	2	PIT	900026000055941	
	0310	3	6087	Mountain whitefish	279	224	SCALES	2	PIT	96500000070356	
	0310	3	6088	Mountain whitefish	355	376	SCALES	0	PIT	900026000055596	
	0310	3	6089	Mountain whitefish	235	132	SCALES	0			
	0310	3	6090	Mountain whitefish	312	284	SCALES	2	PIT	965000000245258	
	0310	3	6091	Mountain whitefish	253	180	SCALES	0	PIT	900026000053592	
	0310	3	6092	Mountain whitefish	252	202	SCALES	4	0	PIT	900026000056907
	0310	3	6093	Mountain whitefish	258	198	SCALES	2	PIT	900026000051623	
	0310	3	6094	Mountain whitefish	268	226	SCALES	0	PIT	900026000034978	
	0310	3	6095	Mountain whitefish	239	150	SCALES	0			
	0310	3	6096	Mountain whitefish	199	84	SCALES	0			
	0310	3	6097	Mountain whitefish	252	180	SCALES	0	PIT	900026000051226	
	0310	3	6098	Mountain whitefish	273	216	SCALES	0	PIT	900026000057544	
	0310	3	6099	Mountain whitefish	274	216	SCALES	0	PIT	900026000055500	
	0310	3	6100	Mountain whitefish	268	190	SCALES	0	PIT	900026000051166	
	0310	3	6101	Mountain whitefish	343	332	SCALES	2	PIT	900026000056239	
	0310	3	6102	Mountain whitefish	266	198	SCALES	0	PIT	900026000051609	
	0310	3	6103	Mountain whitefish	264	190	SCALES	0	PIT	900026000054108	
	0310	3	6104	Mountain whitefish	259	196	SCALES	0	PIT	900026000035431	
	0310	3	6105	Mountain whitefish	220	120	SCALES	3	0		
	0310	3	6106	Mountain whitefish	253	160	SCALES	0	PIT	900026000063363	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
3												
	0310	3	6107	Mountain whitefish	236	148	SCALES	0				
	0310	3	6108	Mountain whitefish	239	142	SCALES	0				
	0310	3	6109	Mountain whitefish	208	100	SCALES	0				
	0310	3	6110	Mountain whitefish	190	80	SCALES	0				
	0310	3	6111	Mountain whitefish	232	138	SCALES	0				
	0310	3	6112	Mountain whitefish	447	944	SCALES	0	PIT	900026000053303		
	0310	3	6113	Mountain whitefish	185	72	SCALES	0				
	0310	3	6114	Mountain whitefish	265	206	SCALES	0	PIT	900026000033526		
	0310	3	6115	Mountain whitefish	383	520	SCALES	0	PIT	900026000053327		
	0310	3	6116	Mountain whitefish	259	196	SCALES	0	PIT	900026000052454		
	0310	3	6117	Mountain whitefish	282	250	SCALES	2	PIT	900026000148859		
	0310	3	6118	Mountain whitefish	253	172	SCALES	0	PIT	900026000052010		
	0310	3	6119	Mountain whitefish	275	222	SCALES	2	PIT	965000000068811		
	0310	3	6120	Mountain whitefish	315	264	SCALES	5	2	PIT	965000000084123	
	0310	3	6121	Mountain whitefish	340	342	SCALES	0	PIT	900026000052483		
	0311	3	6122	Longnose sucker	390	802		0				
	0311	3	6123	Largescale sucker	483	1442		2	PIT	965000000280198		
	0311	3	6124	Longnose sucker	383	702		0				
	0311	3	6125	Mountain whitefish	313	336	SCALES	0	PIT	900026000053800		
	0311	3	6126	Mountain whitefish	320	296	SCALES	2	PIT	900026000035096		
	0311	3	6127	Mountain whitefish	305	274	SCALES	2	FLOY	13682	WHITE	
	0311	3	6128	Mountain whitefish	277	248	SCALES	2	PIT	900026000083464		
	0311	3	6129	Mountain whitefish	265	202	SCALES	0	PIT	900026000054074		
	0311	3	6130	Mountain whitefish	273	196	SCALES	2	PIT	965000000072936		
	0311	3	6131	Mountain whitefish	292	236	SCALES	2	PIT	900026000056080		
	0311	3	6132	Mountain whitefish	421	678	SCALES	0	PIT	900026000035509		
	0311	3	6133	Mountain whitefish	304	246	SCALES	0	PIT	900026000052286		
	0311	3	6134	Mountain whitefish	273	230	SCALES	2	PIT	900026000083550		
	0311	3	6135	Bull trout	235	128	FS	3	0	PIT	900026000055395	
	0311	3	6136	Mountain whitefish	342	352	SCALES	2	PIT	965000000245941		
	0311	3	6137	Mountain whitefish	354	400	SCALES	2	PIT	965000000244081		
	0311	3	6138	Mountain whitefish	256	192	SCALES	0	PIT	900026000055798		
	0311	3	6139	Mountain whitefish	327	346	SCALES	2	PIT	900026000054661		
	0311	3	6140	Mountain whitefish	279	230	SCALES	2	PIT	900026000083599		
	0311	3	6141	Mountain whitefish	257	202	SCALES	3	0	PIT	900026000053856	
	0311	3	6142	Mountain whitefish	253	176	SCALES	0	PIT	900026000054045		
	0311	3	6143	Mountain whitefish	303	270	SCALES	2	PIT	900026000065507		
	0311	3	6144	Rainbow trout	330	490	SCALES	2	PIT	900026000054403		
	0311	3	6145	Longnose sucker	373	762		0				
	0311	3	6146	Mountain whitefish	240	162	SCALES	3	0			
	0311	3	6147	Mountain whitefish	213	112	SCALES	0				
	0311	3	6148	Mountain whitefish	243	166	SCALES	0				
	0311	3	6149	Mountain whitefish	273	254	SCALES	4	0	PIT	900026000053981	
	0311	3	6150	Mountain whitefish	275	226	SCALES	0	PIT	900026000055857		
	0311	3	6151	Mountain whitefish	300	254	SCALES	2	PIT	965000000243729		
	0311	3	6152	Mountain whitefish	314	314	SCALES	0	PIT	900026000052093		
	0311	3	6153	Mountain whitefish	278	220	SCALES	2	PIT	900026000061836		
	0311	3	6154	Mountain whitefish	303	266	SCALES	0	PIT	900026000055434		
	0311	3	6155	Mountain whitefish	253	186	SCALES	0	PIT	900026000051938		
	0311	3	6156	Mountain whitefish	281	256	SCALES	0	PIT	900026000057329		
	0311	3	6157	Mountain whitefish	205	96	SCALES	0				

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0311	3	6158	Mountain whitefish	231	158	SCALES		0		
	0311	3	6159	Mountain whitefish	326	370	SCALES		2	PIT	900026000060429
	0311	3	6160	Mountain whitefish	300	270	SCALES		2	PIT	900026000051990
	0311	3	6161	Mountain whitefish	256	218	SCALES		0	PIT	900026000035597
	0311	3	6162	Mountain whitefish	230	176	SCALES		0		
	0311	3	6163	Mountain whitefish	282	278	SCALES		0	PIT	900026000035618
	0311	3	6164	Mountain whitefish	250		SCALES		0	PIT	900026000055452
	0311	3	6165	Mountain whitefish	251		SCALES	4	0	PIT	900026000053735
	0311	3	6166	Mountain whitefish	267		SCALES		0	PIT	900026000055918
	0311	3	6167	Mountain whitefish	285		SCALES		2	PIT	965000000105640
	0311	3	6168	Mountain whitefish	271	238	SCALES	4	0	PIT	900026000063321
	0311	3	6169	Mountain whitefish	227	128	SCALES		0		
	0311	3	6170	Mountain whitefish	354	420	SCALES		2	PIT	965000000246005
	0311	3	6171	Mountain whitefish	335	406	SCALES	5	0	PIT	900026000061325
	0311	3	6172	Mountain whitefish	275	212	SCALES		0	PIT	900026000057498
	0311	3	6173	Mountain whitefish	215	94	SCALES		0		
	0311	3	6174	Mountain whitefish	233	128	SCALES		0		
	0311	3	6175	Mountain whitefish	311	298	SCALES		0	PIT	900026000054081
	0311	3	6176	Mountain whitefish	337	348	SCALES		2	PIT	0A00707631
	0311	3	6177	Mountain whitefish	209	80	SCALES		0		
	0311	3	6178	Mountain whitefish	295	282	SCALES		2	PIT	965000000243503
	0311	3	6179	Mountain whitefish	324	238	SCALES		0	PIT	900026000051635
	0311	3	6180	Mountain whitefish	244	180	SCALES	4	0		
	0311	3	6181	Mountain whitefish	282	234	SCALES		2	PIT	965000000081954
	0311	3	6182	Mountain whitefish	278	230	SCALES		0	PIT	900026000051878
	0311	3	6183	Mountain whitefish	211	90	SCALES		0		
	0311	3	6184	Mountain whitefish	200	84	SCALES		0		
	0311	3	6185	Mountain whitefish	308	300	SCALES		0	PIT	900026000055429
	0311	3	6186	Mountain whitefish	297	254	SCALES		0	PIT	900026000055712
	0311	3	6187	Mountain whitefish	279	214	SCALES		2	PIT	900026000065540
	0311	3	6188	Mountain whitefish	295	244	SCALES		2	PIT	965000000244924
	0311	3	6189	Mountain whitefish	213	104	SCALES		0		
	0311	3	6190	Mountain whitefish	216	122	SCALES		0		
	0312	3	6191	White sucker	388	754			0		
	0312	3	6192	Largescale sucker	476	1464			0		
	0312	3	6193	Longnose sucker	375	734			0		
	0312	3	6194	Largescale sucker	465	1196			0		
	0312	3	6195	Longnose sucker	422	770			0		
	0312	3	6196	White sucker	341	478			0		
	0312	3	6197	Longnose sucker	421	1066			0		
	0312	3	6198	Largescale sucker	450	1020			0		
	0312	3	6199	Longnose sucker	390	835			0		
	0312	3	6200	Longnose sucker	448	1160			0		
	0312	3	6201	Mountain whitefish	272	230	SCALES		2	PIT	900026000083550
	0312	3	6202	Mountain whitefish	346	372	SCALES	7	5	PIT	900026000057445
	0312	3	6203	Mountain whitefish	198	84	SCALES		0		
	0312	3	6204	Mountain whitefish	335	356	SCALES		0	PIT	900026000054910
	0312	3	6205	Mountain whitefish	297	270	SCALES	5	0	PIT	900026000053757
	0312	3	6206	Mountain whitefish	275	214	SCALES		0	PIT	900026000056070
	0312	3	6207	Mountain whitefish	164	58	SCALES		0		
	0312	3	6208	Mountain whitefish	273	230	SCALES		2	PIT	900026000057598

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0312	3	6209	Mountain whitefish	273	210	SCALES	0	PIT	900026000052105	
	0312	3	6210	Mountain whitefish	215	118	SCALES	0			
	0312	3	6211	Mountain whitefish	217	114	SCALES	0			
	0312	3	6212	Mountain whitefish	279	208	SCALES	0	PIT	900026000035402	
	0312	3	6213	Mountain whitefish	298	278	SCALES	0	PIT	900026000055204	
	0312	3	6214	Mountain whitefish	272	232	SCALES	0	PIT	900026000056682	
	0312	3	6215	Mountain whitefish	285	244	SCALES	0	PIT	900026000055850	
	0312	3	6216	Mountain whitefish	303	280	SCALES	0	PIT	900026000055606	
	0312	3	6217	Mountain whitefish	203	86	SCALES	2	0		
	0312	3	6218	Mountain whitefish	198	94	SCALES	0			
	0312	3	6219	Mountain whitefish	267	202	SCALES	0	PIT	900026000051800	
	0312	3	6220	Mountain whitefish	320	340	SCALES	0	PIT	900026000056585	
	0312	3	6221	Mountain whitefish	290	238	SCALES	2	PIT	900026000061088	
	0312	3	6222	Mountain whitefish	421	688	SCALES	2	PIT	900026000053769	
	0312	3	6223	Mountain whitefish	235	152	SCALES	0			
	0312	3	6224	Mountain whitefish	230	134	SCALES	0			
	0312	3	6225	Largescale sucker	255	210		0			
	0312	3	6226	Mountain whitefish	268	206	SCALES	0	PIT	900026000055791	
	0312	3	6227	Mountain whitefish	292	294	SCALES	5	0	PIT	900026000056504
	0312	3	6228	Mountain whitefish	303	274	SCALES	0	PIT	900026000051468	
	0312	3	6229	Mountain whitefish	283	244	SCALES	0	PIT	900026000053602	
	0312	3	6230	Mountain whitefish	252	176	SCALES	2	PIT	900026000083806	
	0312	3	6231	Mountain whitefish	292	238	SCALES	2	PIT	965000000068912	
	0312	3	6232	Mountain whitefish	260	206	SCALES	0	PIT	900026000064224	
	0312	3	6233	Mountain whitefish	260	202	SCALES	0	PIT	900026000055538	
	0312	3	6234	Mountain whitefish	241	148	SCALES	0			
	0312	3	6235	Mountain whitefish	205	98	SCALES	0			
	0312	3	6236	Mountain whitefish	204	88	SCALES	0			
	0312	3	6237	Mountain whitefish	197	80	SCALES	0			
	0312	3	6238	Mountain whitefish	315	318	SCALES	2	PIT	900026000052093	
	0312	3	6239	Mountain whitefish	409	596	SCALES	0	PIT	900026000052426	
	0312	3	6240	Mountain whitefish	267	248	SCALES	0	PIT	900026000034678	
	0312	3	6241	Mountain whitefish	266	194	SCALES	0	PIT	900026000056967	
	0312	3	6242	Mountain whitefish	285	244	SCALES	2	PIT	900026000055258	
	0312	3	6243	Mountain whitefish	248	162	SCALES	0			
	0312	3	6244	Mountain whitefish	235	144	SCALES	0			
	0312	3	6245	Mountain whitefish	330	336	SCALES	2	PIT	965000000238847	
	0312	3	6246	Mountain whitefish	268	220	SCALES	0	PIT	900026000051825	
	0312	3	6247	Mountain whitefish	325	372	SCALES	0	PIT	900026000055345	
	0312	3	6248	Mountain whitefish	273	188	SCALES	0	PIT	900026000055855	
	0312	3	6249	Mountain whitefish	324	314	SCALES	2	PIT	900026000061914	
	0312	3	6250	Mountain whitefish	278	220	SCALES	0	PIT	900026000055410	
	0312	3	6251	Kokanee	115	14	SCALES	0			
	0312	3	6252	Mountain whitefish	235	138	SCALES	0			
	0312	3	6253	Mountain whitefish	300	226	SCALES	2	PIT	965000000282389	
	0312	3	6254	Mountain whitefish	209	104	SCALES	0			
	0302	4	7622	Bull trout	725	4150		8	2	PIT	965000000078427
	0302	4	7623	Longnose sucker	382	762		0			
	0302	4	7624	Longnose sucker	437	722		0			
	0302	4	7625	Longnose sucker	390	774		0			
	0302	4	7626	Mountain whitefish	247	218	SCALES	0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0302	4	7627	Mountain whitefish	228	132	SCALES	0			
	0302	4	7628	Mountain whitefish	311	288	SCALES	0	PIT	900026000083717	
	0302	4	7629	Mountain whitefish	329	390	SCALES	0	PIT	900026000083330	
	0302	4	7630	Mountain whitefish	342	402	SCALES	2	PIT	900026000148830	
	0302	4	7631	Mountain whitefish	250	182	SCALES	0	PIT	900026000083967	
	0302	4	7632	Mountain whitefish	288	248	SCALES	2	PIT	900026000065597	
	0302	4	7633	Mountain whitefish	261	188	SCALES	2	PIT	965000000282427	
	0302	4	7634	Mountain whitefish	228	144	SCALES	0			
	0302	4	7635	Mountain whitefish	201	98	SCALES	0			
	0302	4	7636	Mountain whitefish	238	164	SCALES	0			
	0302	4	7637	Mountain whitefish	286	296	SCALES	0	PIT	900026000083627	
	0302	4	7638	Mountain whitefish	275	242	SCALES	0	PIT	900026000083841	
	0302	4	7639	Mountain whitefish	323	358	SCALES	0	PIT	900026000083484	
	0302	4	7640	Mountain whitefish	326	350	SCALES	0	PIT	900026000083314	
	0302	4	7641	Mountain whitefish	230	138	SCALES	0			
	0302	4	7642	Mountain whitefish	265	214	SCALES	0	PIT	900026000083648	
	0302	4	7643	Mountain whitefish	197	90	SCALES	0			
	0302	4	7644	Mountain whitefish	211	108	SCALES	0			
	0302	4	7645	Mountain whitefish	208	98	SCALES	0			
	0302	4	7646	Mountain whitefish	238	156	SCALES	0			
	0302	4	7647	Mountain whitefish	268	196	SCALES	0	PIT	900026000083885	
	0302	4	7648	Mountain whitefish	380	510	SCALES	0	PIT	900026000083786	
	0302	4	7649	Mountain whitefish	351	396	SCALES	0	PIT	900026000083305	
	0302	4	7650	Mountain whitefish	320	310	SCALES	2	PIT	965000000246733	
	0302	4	7651	Mountain whitefish	345	352	SCALES	0	PIT	900026000083970	
	0302	4	7652	Mountain whitefish	261	206	SCALES	0	PIT	900026000084053	
	0302	4	7653	Mountain whitefish	291	252	SCALES	0	PIT	900026000084054	
	0302	4	7654	Bull trout	227	112	FS	3	0	PIT	900026000083479
	0302	4	7655	Mountain whitefish	141	26	SCALES	0			
	0302	4	7656	Mountain whitefish	341	384	SCALES	0	PIT	900026000083156	
	0302	4	7657	Mountain whitefish	342	302	SCALES	2	PIT	4D00036233	
	0302	4	7658	Mountain whitefish	330	366	SCALES	0	PIT	900026000083674	
	0302	4	7659	Mountain whitefish	275	202	SCALES	0	PIT	900026000083698	
	0302	4	7660	Mountain whitefish	288	282	SCALES	0	PIT	900026000148655	
	0302	4	7661	Mountain whitefish	338	376	SCALES	2	PIT	965000000069281	
	0302	4	7662	Mountain whitefish	262	186	SCALES	0	PIT	900026000083781	
	0302	4	7663	Mountain whitefish	285	266	SCALES	0	PIT	900026000083172	
	0302	4	7664	Mountain whitefish	381	476	SCALES	0	PIT	900026000083431	
	0302	4	7665	Mountain whitefish	427	740	SCALES	2	FLOY	8847YELLOW	
	0302	4	7666	Kokanee	219	132	SCALES	0			
	0302	4	7667	Mountain whitefish	249	196	SCALES	5	0		
	0302	4	7668	Mountain whitefish	370	460	SCALES	0	PIT	900026000083239	
	0302	4	7669	Mountain whitefish	361	420	SCALES	0	PIT	900026000083354	
	0302	4	7670	Mountain whitefish	345	334	SCALES	2	PIT	900026000063844	
	0302	4	7671	Mountain whitefish	223	126	SCALES	0			
	0302	4	7672	Mountain whitefish	313	314	SCALES	2	PIT	4D00014454	
	0302	4	7673	Mountain whitefish	253	172	SCALES	0	PIT	900026000084086	
	0302	4	7674	Longnose sucker	377	722		0			
	0302	4	7675	Longnose sucker	496	766		0			
	0302	4	7676	Longnose sucker	411	912		0			
	0302	4	7677	Mountain whitefish	304	288	SCALES	2	PIT	965000000069686	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0302	4	7678	Mountain whitefish	300	266	SCALES	0	PIT	900026000146184	
	0302	4	7679	Mountain whitefish	318	306	SCALES	2	PIT	965000000246182	
	0302	4	7680	Mountain whitefish	289	280	SCALES	0	PIT	900026000148576	
	0302	4	7681	Mountain whitefish	153	40	SCALES	1	0		
	0302	4	7682	Mountain whitefish	229	118	SCALES	0			
	0302	4	7683	Mountain whitefish	357	434	SCALES	0	PIT	900026000083578	
	0302	4	7684	Mountain whitefish	263	226	SCALES	2	PIT	965000000002028	
	0302	4	7685	Mountain whitefish	232	136	SCALES	0			
	0302	4	7686	Mountain whitefish	205	92	SCALES	0			
	0301	4	7687	Longnose sucker	385	722		0			
	0301	4	7688	Mountain whitefish	394	556	SCALES	0	PIT	900026000083474	
	0301	4	7689	Rainbow trout	297	316	SCALES	0	PIT	900026000084034	
	0301	4	7690	Longnose sucker	392	826		0			
	0301	4	7691	Longnose sucker	390	802		0			
	0301	4	7692	Longnose sucker	433	1048		0			
	0301	4	7693	Mountain whitefish	264	220	SCALES	0	PIT	900026000083215	
	0301	4	7694	Mountain whitefish	265	168	SCALES	2	PIT	965000000282259	
	0301	4	7695	Mountain whitefish	232	144	SCALES	0			
	0301	4	7696	Mountain whitefish	273	224	SCALES	2	PIT	965000000246682	
	0301	4	7697	Mountain whitefish	287	262	SCALES	2	PIT	965000000080751	
	0301	4	7698	Mountain whitefish	232	138	SCALES	0			
	0301	4	7699	Mountain whitefish	245	156	SCALES	0			
	0301	4	7700	Longnose sucker	413	878		0			
	0301	4	7701	Mountain whitefish	282	226	SCALES	0	PIT	900026000083519	
	0301	4	7702	Mountain whitefish	289	264	SCALES	0	PIT	900026000083544	
	0301	4	7703	Mountain whitefish	288	274	SCALES	0	PIT	900026000083905	
	0301	4	7704	Rainbow trout	190	94	SCALES	0			
	0301	4	7705	Mountain whitefish	274	256	SCALES	0	PIT	900026000083180	
	0301	4	7706	Mountain whitefish	267	210	SCALES	2	PIT	900026000060408	
	0301	4	7707	Mountain whitefish	237	138	SCALES	0			
	0301	4	7708	Mountain whitefish	288	244	SCALES	2	PIT	900026000061948	
	0301	4	7709	Mountain whitefish	280	220	SCALES	0	PIT	900026000083903	
	0301	4	7710	Mountain whitefish	305	280	SCALES	0	PIT	900026000083362	
	0301	4	7711	Mountain whitefish	292	256	SCALES	4	0	PIT	900026000084136
	0301	4	7712	Longnose sucker	405	872		0			
	0301	4	7713	Mountain whitefish	263	210	SCALES	2	PIT	965000000093746	
	0301	4	7714	Mountain whitefish	295	264	SCALES	2	PIT	965000000245297	
	0301	4	7715	Longnose sucker	368	712		0			
	0301	4	7716	Kokanee	115	16	SCALES	0			
	0301	4	7717	Longnose sucker	385	814		0			
	0301	4	7718	Mountain whitefish	295	284	SCALES	2	PIT	965000000089776	
	0301	4	7719	Mountain whitefish	191	78	SCALES	0			
	0301	4	7720	Mountain whitefish	279	244	SCALES	0	PIT	900026000083707	
	0301	4	7721	Mountain whitefish	312	358	SCALES	0	PIT	900026000083410	
	0301	4	7722	Mountain whitefish	300	314	SCALES	0	PIT	900026000084045	
	0301	4	7723	Mountain whitefish	274	234	SCALES	0	PIT	900026000148623	
	0301	4	7724	Mountain whitefish	248	158	SCALES	0			
	0301	4	7725	Mountain whitefish	280	236	SCALES	0	PIT	900026000083196	
	0301	4	7726	Mountain whitefish	278	228	SCALES	2	PIT	900026000053843	
	0301	4	7727	Mountain whitefish	282	236	SCALES	0	PIT	900026000083309	
	0301	4	7728	Mountain whitefish	256	204	SCALES	0	PIT	900026000148823	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	4	7729	Mountain whitefish	268	228	SCALES		0	PIT	900026000083169	
	4	7730	Mountain whitefish	283	254	SCALES		0	PIT	900026000083621	
	4	7731	Longnose sucker	396	886			0			
	4	7732	Longnose sucker	256	192			0			
	4	7733	Longnose sucker	408	824			0			
	4	7734	Mountain whitefish	299	320	SCALES		0			
	4	7735	Longnose sucker	445	1218			0			
	4	7736	Longnose sucker	393	848			0			
	4	7737	Longnose sucker	380	730			0			
	4	7738	Longnose sucker	393	772			0			
	4	7739	Longnose sucker	394	824			0			
	4	7740	Longnose sucker	347	586			0			
	4	7741	Mountain whitefish	375	552	SCALES		0	PIT	900026000148928	
	4	7742	Mountain whitefish	269	208	SCALES		0	PIT	900026000083899	
	4	7743	Mountain whitefish	326	400	SCALES		2	PIT	900026000148646	
	4	7744	Mountain whitefish	300	278	SCALES		2	PIT	900026000055667	
	4	7745	Mountain whitefish	266	186	SCALES	4	0	PIT	900026000083199	
	4	7746	Mountain whitefish	251	188	SCALES		0	PIT	900026000148668	
	4	7747	Mountain whitefish	264	196	SCALES		0	PIT	900026000148430	
	4	7748	Mountain whitefish	320	322	SCALES		0	PIT	900026000083378	
	4	7749	Mountain whitefish	403	556	SCALES		2	PIT	965000000243864	
	4	7750	Mountain whitefish	328	346	SCALES		0	PIT	900026000083614	
	4	7751	Mountain whitefish	237	140	SCALES		0			
	4	7752	Mountain whitefish	256	192	SCALES		0	PIT	900026000084082	
	4	7753	Mountain whitefish	265	214	SCALES		0	PIT	900026000083908	
	4	7754	Mountain whitefish	273	224	SCALES		0	PIT	900026000083623	
	4	7755	Mountain whitefish	218	120	SCALES		0			
	4	7756	Mountain whitefish	195	84	SCALES		0			
	4	7757	Mountain whitefish	417	634	SCALES	9	0	PIT	900026000148861	
	4	7758	Mountain whitefish	349	374	SCALES		0	PIT	900026000084099	
	4	7759	Mountain whitefish	296	254	SCALES		0	PIT	900026000083189	
	4	7760	Mountain whitefish	276	258	SCALES		0	PIT	900026000083331	
	4	7761	Mountain whitefish	326	386	SCALES		0	PIT	900026000148628	
	4	7762	Mountain whitefish	222	124	SCALES		0			
	4	7763	Mountain whitefish	242	158	SCALES		0			
	4	7764	Mountain whitefish	257	196	SCALES		0	PIT	900026000083192	
	4	7765	Mountain whitefish	275	210	SCALES		0	PIT	900026000084116	
	4	7766	Mountain whitefish	269	220	SCALES		0	PIT	900026000083670	
	4	7767	Mountain whitefish	367	464	SCALES		0	PIT	900026000084139	
	4	7768	Mountain whitefish	280	212	SCALES		2	PIT	965000000246046	
	4	7769	Mountain whitefish	365	416	SCALES		0	PIT	900026000083567	
	4	7770	Mountain whitefish	348	386	SCALES		2	PIT	965000000087541	
	4	7771	Longnose sucker	333	416			0			
	4	7772	Mountain whitefish	308	292	SCALES		2	PIT	965000000110227	
	4	7773	Mountain whitefish	350	388	SCALES		2	PIT	0A00724202	
	4	7774	Mountain whitefish	318	330	SCALES		0	PIT	900026000083165	
	4	7775	Mountain whitefish	357	396	SCALES		2	PIT	900026000063993	
	4	7776	Mountain whitefish	263	176	SCALES		2	PIT	900026000051843	
	4	7777	Mountain whitefish	319	314	SCALES		0	PIT	900026000148548	
	4	7778	Mountain whitefish	298	256	SCALES		0	PIT	900026000083452	
	4	7779	Mountain whitefish	258	140	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0304	4	7780	Mountain whitefish	233	130	SCALES	0			
	0304	4	7781	Mountain whitefish	298	276	SCALES	0	PIT	900026000083218	
	0304	4	7782	White sucker	420	1066		0			
	0304	4	7783	Mountain whitefish	268	206	SCALES	2	PIT	900026000053625	
	0304	4	7784	Mountain whitefish	290	240	SCALES	2	PIT	965000000245162	
	0304	4	7785	Mountain whitefish	317	288	SCALES	2	PIT	965000000240076	
	0304	4	7786	Mountain whitefish	285	224	SCALES	2	PIT	900026000148382	
	0304	4	7787	Mountain whitefish	295	254	SCALES	2	PIT	965000000006979	
	0304	4	7788	Mountain whitefish	268	208	SCALES	2	PIT	900026000148386	
	0304	4	7789	Mountain whitefish	285	254	SCALES	0	PIT	900026000083997	
	0304	4	7790	Mountain whitefish	231	126	SCALES	3	0		
	0304	4	7791	Mountain whitefish	274	206	SCALES	0	PIT	900026000083220	
	0304	4	7792	Mountain whitefish	314	284	SCALES	2	PIT	965000000069313	
	0304	4	7793	Mountain whitefish	230	142	SCALES	0			
	0304	4	7794	Mountain whitefish	204	98	SCALES	0			
	0304	4	7795	Mountain whitefish	255	172	SCALES	2	PIT	900026000052317	
	0304	4	7796	Mountain whitefish	279	210	SCALES	0	PIT	900026000083700	
	0304	4	7797	Mountain whitefish	368	464	SCALES	2	PIT	900026000084139	
	0304	4	7798	Largescale sucker	523	1618		0			
	0304	4	7799	Longnose sucker	396	856		0			
	0304	4	7800	Mountain whitefish	295	288	SCALES	0	PIT	900026000148598	
	0304	4	7801	Mountain whitefish	303	298	SCALES	5	0	PIT	900026000084100
	0304	4	7802	Mountain whitefish	320	342	SCALES	0	PIT	900026000084079	
	0304	4	7803	Longnose sucker	382	796		0			
	0304	4	7804	Bull trout	324	336	FS	3	0	PIT	900026000083926
	0304	4	7805	Mountain whitefish	452	946	SCALES	0	PIT	900026000083241	
	0304	4	7806	Mountain whitefish	322	308	SCALES	2	PIT	900026000052157	
	0304	4	7807	Mountain whitefish	287	226	SCALES	2	PIT	900026000052868	
	0304	4	7808	Mountain whitefish	288	264	SCALES	0	PIT	900026000084103	
	0304	4	7809	Mountain whitefish	182	62	SCALES	0			
	0304	4	7810	Mountain whitefish	200	86	SCALES	0			
	0304	4	7811	Bull trout	285	240	FS	4	0	PIT	900026000084130
	0304	4	7812	Mountain whitefish	253	182	SCALES	2	PIT	900026000148668	
	0304	4	7813	Mountain whitefish	315	254	SCALES	0	PIT	900026000083983	
	0304	4	7814	Mountain whitefish	329	328	SCALES	2	PIT	965000000246456	
	0304	4	7815	Mountain whitefish	283	254	SCALES	2	PIT	900026000148069	
	0304	4	7816	Mountain whitefish	392	466	SCALES	5	PIT	900026000083450	
	0304	4	7817	Mountain whitefish	327	308	SCALES	6	2	PIT	965000000245679
	0304	4	7818	Mountain whitefish	323	338	SCALES	2	PIT	965000000246947	
	0304	4	7819	Mountain whitefish	288	290	SCALES	0	PIT	900026000084104	
	0304	4	7820	Mountain whitefish	275	226	SCALES	2	PIT	965000000282695	
	0305	4	7821	Longnose sucker	291	708		0			
	0305	4	7822	Longnose sucker	417	912		0			
	0305	4	7823	Longnose sucker	413	922		0			
	0305	4	7824	Longnose sucker	378	678		0			
	0305	4	7825	Longnose sucker	402	758		0			
	0305	4	7826	Longnose sucker	434	1040		0			
	0305	4	7827	Longnose sucker	388	782		0			
	0305	4	7828	Longnose sucker	342	532		0			
	0305	4	7829	Longnose sucker	396	784		0			
	0305	4	7830	Longnose sucker	344	552		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0305	4	7831	Longnose sucker	364	554			0			
0305	4	7832	Mountain whitefish	356	420	SCALES		2	PIT	900026000083827	
0305	4	7833	Mountain whitefish	395	560	SCALES		2	PIT	965000000242511	
0305	4	7834	Mountain whitefish	333	386	SCALES		0	PIT	900026000148952	
0305	4	7835	Mountain whitefish	261	186	SCALES		2	PIT	900026000035132	
0305	4	7836	Mountain whitefish	289	228	SCALES		2	PIT	900026000056437	
0305	4	7837	Mountain whitefish	313	310	SCALES		0	PIT	900026000084134	
0305	4	7838	Mountain whitefish	256	186	SCALES		0	PIT	900026000148202	
0305	4	7839	Mountain whitefish	310	340	SCALES		0	PIT	900026000083881	
0305	4	7840	Mountain whitefish	215	110	SCALES	2	0			
0305	4	7841	Mountain whitefish	351	468	SCALES		0	PIT	900026000148114	
0305	4	7842	Mountain whitefish	319	320	SCALES		2	PIT	900026000148548	
0305	4	7843	Mountain whitefish	354	352	SCALES		0	PIT	900026000083282	
0305	4	7844	Mountain whitefish	304	250	SCALES		0	PIT	900026000083551	
0305	4	7845	Mountain whitefish	302	254	SCALES		0	PIT	900026000083695	
0305	4	7846	Mountain whitefish	295	262	SCALES		0	PIT	900026000083857	
0305	4	7847	Mountain whitefish	288	282	SCALES		0	PIT	900026000083968	
0305	4	7848	Mountain whitefish	282	230	SCALES		0	PIT	900026000084119	
0305	4	7849	Mountain whitefish	340	360	SCALES		2	PIT	965000000246955	
0305	4	7850	Mountain whitefish	316	244	SCALES		2	PIT	965000000114097	
0305	4	7851	Mountain whitefish	343	378	SCALES		0	PIT	900026000083702	
0305	4	7852	Mountain whitefish	340	342	SCALES		0	PIT	900026000083845	
0305	4	7853	Mountain whitefish	344	396	SCALES		2	PIT	900026000035612	
0305	4	7854	Mountain whitefish	300	278	SCALES		0	PIT	900026000083583	
0305	4	7855	Mountain whitefish	316	284	SCALES		0	PIT	900026000083351	
0305	4	7856	Mountain whitefish	371	472	SCALES		0	PIT	900026000084037	
0305	4	7857	Mountain whitefish	357	386	SCALES		2	FLOY	11326	WHITE
0305	4	7858	Mountain whitefish	290	284	SCALES		0	PIT	900026000083306	
0305	4	7859	Mountain whitefish	277	268	SCALES		2	PIT	900026000055165	
0305	4	7860	Mountain whitefish	324	354	SCALES		0	PIT	900026000083555	
0305	4	7861	Mountain whitefish	307	362	SCALES		0	PIT	900026000083699	
0305	4	7862	Mountain whitefish	296	300	SCALES		2	PIT	965000000087439	
0305	4	7863	Mountain whitefish	306	268	SCALES		0	PIT	900026000083863	
0305	4	7864	Mountain whitefish	280	248	SCALES		2	PIT	900026000055697	
0305	4	7865	Mountain whitefish	264	206	SCALES		0	PIT	900026000083440	
0305	4	7866	Mountain whitefish	285	226	SCALES		0	PIT	900026000083438	
0305	4	7867	Mountain whitefish	344	398	SCALES		0	PIT	900026000148858	
0305	4	7868	Mountain whitefish	198	94	SCALES	3	0			
0305	4	7869	Mountain whitefish	185	80	SCALES		0			
0305	4	7870	Mountain whitefish	357	416	SCALES		0	PIT	900026000148229	
0305	4	7871	Mountain whitefish	297	288	SCALES		2	PIT	965000000244882	
0305	4	7872	Mountain whitefish	285	240	SCALES		2	PIT	900026000064611	
0305	4	7873	Mountain whitefish	392	654	SCALES		0	PIT	900026000083439	
0305	4	7874	Mountain whitefish	381	518	SCALES		9	PIT	900026000083955	
0305	4	7875	Mountain whitefish	405	540	SCALES		2	PIT	965000000077637	
0305	4	7876	Mountain whitefish	282	236	SCALES		2	PIT	900026000062109	
0305	4	7877	Mountain whitefish	209	112	SCALES	2	0			
0305	4	7878	Mountain whitefish	302	306	SCALES		2	PIT	900026000054142	
0305	4	7879	Mountain whitefish	325	310	SCALES		2	PIT	965000000245679	
0305	4	7880	Mountain whitefish	255	206	SCALES		0	PIT	900026000083714	
0305	4	7881	Mountain whitefish	326	276	SCALES		2	PIT	965000000245628	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0305	4	7882	Mountain whitefish	288	226	SCALES	0	PIT	900026000083375	
	0305	4	7883	Mountain whitefish	273	244	SCALES	0	PIT	900026000083373	
	0305	4	7884	Mountain whitefish	257	170	SCALES	2	PIT	900026000083319	
	0305	4	7885	Mountain whitefish	388	554	SCALES	0	PIT	900026000083413	
	0305	4	7886	Mountain whitefish	270	220	SCALES	0	PIT	900026000083564	
	0305	4	7887	Mountain whitefish	340	410	SCALES	2	PIT	965000000069412	
	0305	4	7888	Mountain whitefish	330	382	SCALES	0	PIT	900026000083988	
	0305	4	7889	Mountain whitefish	264	188	SCALES	2	PIT	900026000064612	
	0305	4	7890	Mountain whitefish	245	172	SCALES	0			
	0305	4	7891	Mountain whitefish	296	290	SCALES	0	PIT	900026000083883	
	0305	4	7892	Mountain whitefish	281	228	SCALES	2	PIT	900026000083772	
	0305	4	7893	Mountain whitefish	234	142	SCALES	0			
	0305	4	7894	Mountain whitefish	161	46	SCALES	0			
	0305	4	7895	Mountain whitefish	225	146	SCALES	0			
	0305	4	7896	Mountain whitefish	272	230	SCALES	4	0	PIT	900026000083798
	0305	4	7897	Mountain whitefish	374	572	SCALES	2	PIT	965000000085759	
	0305	4	7898	Mountain whitefish	282	236	SCALES	0	PIT	900026000083198	
	0305	4	7899	Mountain whitefish	269	222	SCALES	2	PIT	965000000113432	
	0305	4	7900	Mountain whitefish	395	492	SCALES	0	PIT	900026000083987	
	0305	4	7901	Mountain whitefish	280	220	SCALES	2	PIT	900026000148736	
	0305	4	7902	Mountain whitefish	303	258	SCALES	2	PIT	965000000245674	
	0305	4	7903	Mountain whitefish	445	1034	SCALES	2	FLOY	15290	WHITE
	0305	4	7904	Mountain whitefish	424	610	SCALES	0	PIT	900026000148785	
	0305	4	7905	Mountain whitefish	272	248	SCALES	0	PIT	900026000083170	
	0305	4	7906	Mountain whitefish	316	294	SCALES	2	PIT	900026000057568	
	0305	4	7907	Mountain whitefish	283	218	SCALES	2	PIT	965000000093504	
	0305	4	7908	Mountain whitefish	311	324	SCALES	0	PIT	900026000148946	
	0305	4	7909	Mountain whitefish	292	244	SCALES	2	PIT	965000000245162	
	0305	4	7910	Mountain whitefish	278	230	SCALES	2	PIT	900026000083611	
	0305	4	7911	Mountain whitefish	296	294	SCALES	0	PIT	900026000083379	
	0305	4	7912	Mountain whitefish	230	142	SCALES	0			
	0305	4	7913	Mountain whitefish	339	396	SCALES	0	PIT	900026000148165	
	0305	4	7914	Mountain whitefish	335	362	SCALES	0	PIT	900026000148775	
	0305	4	7915	Mountain whitefish	342	362	SCALES	0	PIT	900026000147069	
	0305	4	7916	Mountain whitefish	294	278	SCALES	4	0	PIT	900026000147528
	0305	4	7917	Mountain whitefish	288	250	SCALES	0	PIT	900026000056146	
	0305	4	7918	Mountain whitefish	305	268	SCALES	0	PIT	900026000084118	
	0305	4	7919	Mountain whitefish	268	204	SCALES	0	PIT	900026000083312	
	0305	4	7920	Mountain whitefish	357	468	SCALES	0	PIT	900026000147202	
	0305	4	7921	Northern pikeminnow	236	152		0			
	0305	4	7922	Bull trout	200	94	FS	2	0	PIT	900026000147482
	0305	4	7923	Bull trout	226	152	FS	3	0	PIT	900026000147970
	0305	4	7924	Bull trout	262	198	FS	3	0	PIT	900026000147229
	0305	4	7925	Bull trout	461	910		2	PIT	900026000083278	
	0306	4	7926	Longnose sucker	397	760		0			
	0306	4	7927	Largescale sucker	480	1128		0			
	0306	4	7928	Longnose sucker	418	926		0			
	0306	4	7929	Longnose sucker	368	674		0			
	0306	4	7930	Longnose sucker	380	722		0			
	0306	4	7931	Longnose sucker	428	990		0			
	0306	4	7932	Longnose sucker	398	926		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0306	4	7933	Largescale sucker	470			0			
	0306	4	7934	Longnose sucker	410			0			
	0306	4	7935	Longnose sucker	380			0			
	0306	4	7936	Longnose sucker	347			0			
	0306	4	7937	Longnose sucker	417			0			
	0306	4	7938	Longnose sucker	392			0			
	0306	4	7939	Longnose sucker	399			0			
	0306	4	7940	Longnose sucker	400			0			
	0306	4	7941	Longnose sucker	373			0			
	0306	4	7942	Longnose sucker	415			0			
	0306	4	7943	Longnose sucker	435			0			
	0306	4	7944	Longnose sucker	389			0			
	0306	4	7945	Largescale sucker	506			0			
	0306	4	7946	Longnose sucker	404			0			
	0306	4	7947	Mountain whitefish	280	236	SCALES	2	PIT	96500000281538	
	0306	4	7948	Mountain whitefish	282	228	SCALES	0	PIT	900026000051896	
	0306	4	7949	Mountain whitefish	278	202	SCALES	0	PIT	900026000147266	
	0306	4	7950	Mountain whitefish	375	444	SCALES	0	PIT	900026000083998	
	0306	4	7951	Mountain whitefish	275	220	SCALES	0	PIT	900026000147978	
	0306	4	7952	Mountain whitefish	254	206	SCALES	0	PIT	900026000147485	
	0306	4	7953	Mountain whitefish	278	234	SCALES	0	PIT	900026000083691	
	0306	4	7954	Mountain whitefish	280	222	SCALES	0	PIT	900026000147790	
	0306	4	7955	Mountain whitefish	285	242	SCALES	0	PIT	900026000147851	
	0306	4	7956	Mountain whitefish	361	490	SCALES	2	PIT	965000000242748	
	0306	4	7957	Mountain whitefish	322	342	SCALES	0	PIT	900026000057020	
	0306	4	7958	Mountain whitefish	330	302	SCALES	2	PIT	900026000034946	
	0306	4	7959	Mountain whitefish	256	170	SCALES	0	PIT	900026000147987	
	0306	4	7960	Mountain whitefish	258	208	SCALES	0	PIT	900026000147507	
	0306	4	7961	Mountain whitefish	254	162	SCALES	2	PIT	900026000083919	
	0306	4	7962	Mountain whitefish	285	242	SCALES	2	PIT	900026000147999	
	0306	4	7963	Mountain whitefish	272	220	SCALES	0	PIT	900026000084072	
	0306	4	7964	Mountain whitefish	255	202	SCALES	2	PIT	900026000055200	
	0306	4	7965	Mountain whitefish	362	472	SCALES	2	PIT	965000000085016	
	0306	4	7966	Bull trout	532	2110	FIN RAY	7	0	PIT	900026000147210
	0308	4	7967	Largescale sucker	474	1156			0		
	0308	4	7968	Largescale sucker	541	1808			0		
	0308	4	7969	Longnose sucker	384	844			0		
	0308	4	7970	Longnose sucker	403	832			0		
	0308	4	7971	Longnose sucker	353	640			0		
	0308	4	7972	Longnose sucker	402	830			0		
	0308	4	7973	Mountain whitefish	330	402	SCALES	2	PIT	965000000245839	
	0308	4	7974	Mountain whitefish	351	428	SCALES	2	PIT	965000000091186	
	0308	4	7975	Mountain whitefish	308	286	SCALES	0	PIT	900026000147777	
	0308	4	7976	Mountain whitefish	288	274	SCALES	2	PIT	965000000112136	
	0308	4	7977	Mountain whitefish	288	254	SCALES	2	PIT	900026000065378	
	0308	4	7978	Mountain whitefish	277	210	SCALES	0	PIT	900026000033487	
	0308	4	7979	Mountain whitefish	325	354	SCALES	0	PIT	900026000084087	
	0308	4	7980	Mountain whitefish	273	238	SCALES	0	PIT	900026000084081	
	0308	4	7981	Mountain whitefish	193	88	SCALES	0			
	0308	4	7982	Mountain whitefish	265	218	SCALES	0	PIT	900026000083212	
	0308	4	7983	Mountain whitefish	283	274	SCALES	0	PIT	900026000083200	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0308	4	7984	Mountain whitefish	387	536	SCALES		0	PIT	900026000083982	
0308	4	7985	Mountain whitefish	210	112	SCALES		0			
0308	4	7986	Mountain whitefish	266	176	SCALES		2	PIT	900026000035026	
0308	4	7987	Mountain whitefish	283	244	SCALES		0	PIT	900026000083704	
0308	4	7988	Mountain whitefish	222	134	SCALES		0			
0308	4	7989	Mountain whitefish	237	166	SCALES		0			
0308	4	7990	Mountain whitefish	381	556	SCALES		0	PIT	900026000083613	
0308	4	7991	Mountain whitefish	317	328	SCALES		2	PIT	965000000281660	
0308	4	7992	Mountain whitefish	307	288	SCALES		2	PIT	900026000083746	
0308	4	7993	Mountain whitefish	280	260	SCALES		0	PIT	900026000083308	
0308	4	7994	Mountain whitefish	291	268	SCALES		0	PIT	900026000148508	
0308	4	7995	Mountain whitefish	288	228	SCALES	5	0	PIT	900026000148269	
0308	4	7996	Mountain whitefish	254	202	SCALES		0	PIT	900026000083352	
0308	4	7997	Mountain whitefish	266	222	SCALES		0	PIT	900026000084091	
0308	4	7998	Mountain whitefish	190	68	SCALES		0			
0308	4	7999	Mountain whitefish	242	160	SCALES		0			
0308	4	8000	Rainbow trout	220	152	SCALES		0			
0308	4	8001	Mountain whitefish	373	356	SCALES		2	FLOY	15777	WHITE
0308	4	8002	Mountain whitefish	395	614	SCALES		5	PIT	900026000083376	
0308	4	8003	Mountain whitefish	290	264	SCALES		0	PIT	900026000084023	
0308	4	8004	Mountain whitefish	237	142	SCALES		0			
0308	4	8005	Mountain whitefish	268	234	SCALES		0	PIT	900026000083629	
0308	4	8006	Mountain whitefish	273	238	SCALES		0	PIT	900026000148248	
0308	4	8007	Mountain whitefish	268	216	SCALES		0	PIT	900026000083175	
0308	4	8008	Mountain whitefish	263	216	SCALES		0	PIT	900026000083524	
0308	4	8009	Mountain whitefish	297	280	SCALES		2	PIT	965000000245410	
0308	4	8010	Mountain whitefish	330	316	SCALES		0	PIT	900026000084010	
0308	4	8011	Mountain whitefish	184	84	SCALES		0			
0308	4	8012	Mountain whitefish	220	112	SCALES		0			
0308	4	8013	Mountain whitefish	321	328	SCALES		0	PIT	900026000083576	
0308	4	8014	Mountain whitefish	294	240	SCALES		0	PIT	900026000083427	
0308	4	8015	Mountain whitefish	297	244	SCALES		2	PIT	900026000055338	
0308	4	8016	Mountain whitefish	387	520	SCALES		0	PIT	900026000083837	
0308	4	8017	Mountain whitefish	292	236	SCALES		0	PIT	900026000083775	
0308	4	8018	Mountain whitefish	260	196	SCALES		0	PIT	900026000084005	
0308	4	8019	Mountain whitefish	348	430	SCALES		0	PIT	900026000148803	
0308	4	8020	Mountain whitefish	279	216	SCALES		0	PIT	900026000147380	
0308	4	8021	Mountain whitefish	242	172	SCALES		0			
0308	4	8022	Mountain whitefish	275	208	SCALES		0	PIT	900026000083849	
0308	4	8023	Mountain whitefish	297	276	SCALES		0	PIT	900026000147920	
0308	4	8024	Mountain whitefish	258	192	SCALES		2	PIT	965000000000921	
0308	4	8025	Mountain whitefish	371	434	SCALES		0	PIT	900026000053943	
0308	4	8026	Mountain whitefish	283	260	SCALES		0	PIT	900026000147498	
0308	4	8027	Mountain whitefish	336	358	SCALES		2	PIT	900026000051296	
0308	4	8028	Mountain whitefish	284	244	SCALES		2	PIT	965000000281358	
0308	4	8029	Mountain whitefish	307	304	SCALES		2	PIT	900026000055429	
0308	4	8030	Bull trout	302	276			2	PIT	900026000083275	
0308	4	8031	Bull trout	475	1224		5	2	PIT	965000000110764	
0307	4	8032	Mountain whitefish	360	454	SCALES		0	PIT	900026000147630	
0307	4	8033	Mountain whitefish	338	378	SCALES		2	PIT	4D00012937	
0307	4	8034	Mountain whitefish	300	290	SCALES		2	PIT	965000000007605	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
3												
	4	8035	Longnose sucker	408	946			0				
	4	8036	Mountain whitefish	300	266	SCALES		2	PIT	965000000237976		
	4	8037	Mountain whitefish	309	286	SCALES		2	PIT	965000000245258		
	4	8038	Mountain whitefish	328	344	SCALES		2	PIT	965000000090027		
	4	8039	Mountain whitefish	355	382	SCALES		2	PIT	900026000055596		
	4	8040	Longnose sucker	420	998			0				
	4	8041	Mountain whitefish	314	332	SCALES		2	PIT	900026000061702		
	4	8042	Mountain whitefish	333	370	SCALES		2	PIT	900026000054628		
	4	8043	Mountain whitefish	256	178	SCALES	3	0	PIT	900026000034654		
	4	8044	Mountain whitefish	317	318	SCALES		2	PIT	900026000053235		
	4	8045	Mountain whitefish	353	450	SCALES		2	PIT	4D00024406		
	4	8046	Mountain whitefish	298	274	SCALES		2	PIT	965000000247454		
	4	8047	Mountain whitefish	378	536	SCALES		0	PIT	900026000147808		
	4	8048	Mountain whitefish	313	352	SCALES		2	PIT	900026000054343		
	4	8049	Mountain whitefish	280	274	SCALES		2	PIT	900026000035242		
	4	8050	Mountain whitefish	304	314	SCALES		0	PIT	900026000051645		
	4	8051	Mountain whitefish	270	220	SCALES		2	PIT	965000000280983		
	4	8052	Rainbow trout	210	118	SCALES		0				
	4	8053	Mountain whitefish	329	334	SCALES		2	PIT	965000000080145		
	4	8054	Mountain whitefish	285	238	SCALES		2	PIT	965000000070683		
	4	8055	Mountain whitefish	272	210	SCALES		2	PIT	900026000055401		
	4	8056	Mountain whitefish	225	118	SCALES		0				
	4	8057	Mountain whitefish	280	230	SCALES		0	PIT	900026000083958		
	4	8058	Mountain whitefish	368	410	SCALES		0	PIT	900026000055731		
	4	8059	Rainbow trout	230	184	SCALES		0				
	4	8060	Bull trout	552	1792	FIN RAY	8	0	PIT	900026000147752		
	4	8061	Rainbow trout	403	688	SCALES		0	PIT	900026000055588		
	4	8062	Northern pikeminnow	451	1150			0				
	4	8063	Mountain whitefish	305	278	SCALES		2	PIT	965000000065331		
	4	8064	Mountain whitefish	342	346	SCALES		2	PIT	900026000083729		
	4	8065	Mountain whitefish	283	222	SCALES		0	PIT	900026000147490		
	4	8066	Mountain whitefish	264	192	SCALES		0	PIT	900026000147318		
	4	8067	Mountain whitefish	212	118	SCALES		0				
	4	8068	Mountain whitefish	378	554	SCALES		0	PIT	900026000147778		
	4	8069	Mountain whitefish	388	410	SCALES	9	0	PIT	900026000147129		
	4	8070	Mountain whitefish	359	484	SCALES		2	PIT	965000000085016		
	4	8071	Mountain whitefish	257	186	SCALES		0	PIT	900026000155485		
	4	8072	Mountain whitefish	353	362	SCALES		0	PIT	900026000035623		
	4	8073	Mountain whitefish	284	244	SCALES		0	PIT	900026000052003		
	4	8074	Mountain whitefish	300	230	SCALES		2	PIT	965000000077966		
	4	8075	Mountain whitefish	208	106	SCALES		0				
	4	8076	Kokanee	126	26	SCALES		0				
	4	8077	Northern pikeminnow	258	186			0				
	4	8078	Mountain whitefish	228	132	SCALES		0				
	4	8079	Mountain whitefish	399	508	SCALES		2	PIT	900026000053613		
	4	8080	Mountain whitefish	292	246	SCALES		0	PIT	900026000147690		
	4	8081	Mountain whitefish	403	464	SCALES		0	PIT	900026000147188		
	4	8082	Mountain whitefish	287	288	SCALES		2	PIT	900026000084104		
	4	8083	Mountain whitefish	283	236	SCALES		5	0	PIT	900026000155229	
	4	8084	Mountain whitefish	335	310	SCALES		6	0	PIT	900026000055879	
	4	8085	Mountain whitefish	260	198	SCALES		0	PIT	900026000055417		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	4	8086	Mountain whitefish	261	200	SCALES		0	PIT	900026000052126	
	4	8087	Mountain whitefish	288	228	SCALES		2	PIT	965000000090301	
	4	8088	Longnose sucker	371	782			0			
	4	8089	Mountain whitefish	331	328	SCALES		0	PIT	900026000155360	
	4	8090	Mountain whitefish	304	296	SCALES		0	PIT	900026000147441	
	4	8091	Mountain whitefish	318	362	SCALES		0	PIT	900026000147509	
	4	8092	Mountain whitefish	316	250	SCALES		0	PIT	900026000147083	
	4	8093	Mountain whitefish	335	362	SCALES		0	PIT	900026000147510	
	4	8094	Mountain whitefish	319	298	SCALES		0	PIT	900026000063362	
	4	8095	Mountain whitefish	261	206	SCALES		0	PIT	900026000052216	
	4	8096	Mountain whitefish	275	208	SCALES		0	PIT	900026000155444	
	4	8097	Longnose sucker	420	1000			0			
	4	8098	Longnose sucker	383	810			0			
	4	8099	Longnose sucker	400	844			0			
	4	8100	Longnose sucker	422	1008			0			
	4	8101	Longnose sucker	372	684			0			
	4	8102	Longnose sucker	373	688			0			
	4	8103	Longnose sucker	430				0			
	4	8104	Largescale sucker	468	1418			0			
	4	8105	Longnose sucker	382	868			0			
	4	8106	Longnose sucker	374	702			0			
	4	8107	Longnose sucker	399	834			0			
	4	8108	Longnose sucker	387	754			0			
	4	8109	Longnose sucker	394	814			0			
	4	8110	Longnose sucker	400	848			0			
	4	8111	Longnose sucker	382	754			0			
	4	8112	Largescale sucker	465	1360			0			
	4	8113	Longnose sucker	399	956			0			
	4	8114	Longnose sucker	390	722			0			
	4	8115	Largescale sucker	444	1130			0			
	4	8116	Longnose sucker	426	990			0			
	4	8117	Longnose sucker	419	994			0			
	4	8118	Longnose sucker	387	770			0			
	4	8119	Longnose sucker	444	1092			0			
	4	8120	Mountain whitefish	343	328	SCALES		2	FLOY	11288	WHITE
	4	8121	Mountain whitefish	345	384	SCALES		0	PIT	900026000147878	
	4	8122	Mountain whitefish	295	250	SCALES		2	PIT	900026000057228	
	4	8123	Mountain whitefish	211	110	SCALES		0			
	4	8124	Mountain whitefish	266	188	SCALES		0	PIT	900026000147980	
	4	8125	Mountain whitefish	283	240	SCALES		0	PIT	900026000147190	
	4	8126	Mountain whitefish	296	284	SCALES		0	PIT	900026000083240	
	4	8127	Mountain whitefish	251	196	SCALES	4	0	PIT	900026000083965	
	4	8128	Mountain whitefish	273	220	SCALES		2	PIT	900026000055849	
	4	8129	Longnose sucker	392	786			0			
	4	8130	Mountain whitefish	290	232	SCALES		2	PIT	965000000079356	
	4	8131	Mountain whitefish	292	266	SCALES		2	PIT	965000000238824	
	4	8132	Mountain whitefish	286	226	SCALES		2	PIT	900026000055913	
	4	8133	Mountain whitefish	217	128	SCALES		0			
	4	8134	Mountain whitefish	238	160	SCALES		0			
	4	8135	Longnose sucker	344	624			0			
	4	8136	Longnose sucker	409	854			0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
3												
	0315	4	8137	Mountain whitefish	310	268	SCALES	2	PIT	965000000243070		
	0315	4	8138	Mountain whitefish	285	226	SCALES	2	PIT	965000000088531		
	0315	4	8139	Mountain whitefish	305	292	SCALES	2	PIT	965000000243711		
	0315	4	8140	Mountain whitefish	272	222	SCALES	0	PIT	900026000084142		
	0315	4	8141	Mountain whitefish	272	222	SCALES	2	PIT	900026000060360		
	0315	4	8142	Mountain whitefish	304	296	SCALES	0	PIT	900026000083803		
	0315	4	8143	Mountain whitefish	304	290	SCALES	2	PIT	900026000033593		
	0315	4	8144	Mountain whitefish	282	244	SCALES	2	PIT	900026000056162		
	0315	4	8145	Mountain whitefish	278	222	SCALES	2	PIT	965000000070830		
	0315	4	8146	Mountain whitefish	298	266	SCALES	2	PIT	900026000056291		
	0315	4	8147	Bull trout	269	208		2	PIT	900026000065564		
	0315	4	8148	Mountain whitefish	292	238	SCALES	0	PIT	900026000083617		
	0315	4	8149	Mountain whitefish	260	210	SCALES	0	PIT	900026000083934		
	0315	4	8150	Mountain whitefish	381	430	SCALES	2	PIT	0A00721472		
	0315	4	8151	Mountain whitefish	274	244	SCALES	2	PIT	900026000083548		
	0315	4	8152	Mountain whitefish	297	266	SCALES	0	PIT	900026000083249		
	0315	4	8153	Mountain whitefish	273	254	SCALES	2	PIT	965000000071442		
	0315	4	8154	Mountain whitefish	299	256	SCALES	2	PIT	900026000035175		
	0315	4	8155	Longnose sucker	410	892		2	PIT	965000000278660		
	0315	4	8156	Mountain whitefish	271	196	SCALES	0	PIT	900026000083491		
	0315	4	8157	Mountain whitefish	257	168	SCALES	0	PIT	900026000083916		
	0315	4	8158	Rainbow trout	233	196	SCALES	0				
	0315	4	8159	Mountain whitefish	282	264	SCALES	0	PIT	900026000148171		
	0315	4	8160	Mountain whitefish	362	380	SCALES	0	PIT	900026000083966		
	0315	4	8161	Mountain whitefish	286	232	SCALES	2	PIT	965000000085636		
	0315	4	8162	Mountain whitefish	282	230	SCALES	0	PIT	900026000148281		
	0315	4	8163	Mountain whitefish	365	378	SCALES	0	PIT	900026000148622		
	0315	4	8164	Mountain whitefish	356	386	SCALES	0	PIT	900026000083996		
	0315	4	8165	Mountain whitefish	273	244	SCALES	2	PIT	900026000063249		
	0315	4	8166	Mountain whitefish	273	210	SCALES	0	PIT	900026000084039		
	0315	4	8167	Mountain whitefish	287	272	SCALES	0	PIT	900026000084145		
	0315	4	8168	Mountain whitefish	298	272	SCALES	5	0	PIT	900026000148724	
	0315	4	8169	Bull trout	496	1432	FIN RAY	9	0	PIT	900026000084080	
	0309	4	8170	Largescale sucker	483	1400		0				
	0309	4	8171	Longnose sucker	382	776		0				
	0309	4	8172	Longnose sucker	341	520		0				
	0309	4	8173	Longnose sucker	383	804		0				
	0309	4	8174	Longnose sucker	430	996		0				
	0309	4	8175	Longnose sucker	395	792		0				
	0309	4	8176	Longnose sucker	404	948		0				
	0309	4	8177	Longnose sucker	411	958		0				
	0309	4	8178	Longnose sucker	383	678		0				
	0309	4	8179	Mountain whitefish	282	250	SCALES	2	PIT	900026000063657		
	0309	4	8180	Mountain whitefish	305	252	SCALES	2	PIT	900026000056002		
	0309	4	8181	Mountain whitefish	285	264	SCALES	2	PIT	965000000084948		
	0309	4	8182	Mountain whitefish	273	246	SCALES	0	PIT	900026000083604		
	0309	4	8183	Mountain whitefish	314	344	SCALES	2	PIT	900026000054648		
	0309	4	8184	Mountain whitefish	327	274	SCALES	0	PIT	900026000083924		
	0309	4	8185	Mountain whitefish	255	180	SCALES	0	PIT	900026000083736		
	0309	4	8186	Mountain whitefish	287	248	SCALES	0	PIT	900026000083531		
	0309	4	8187	Mountain whitefish	278	214	SCALES	0	PIT	900026000083338		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0309	4	8188	Mountain whitefish	388	516	SCALES		2	PIT	96500000090484	
0309	4	8189	Mountain whitefish	245	164	SCALES	3	0			
0309	4	8190	Mountain whitefish	345	374	SCALES		0	PIT	900026000083511	
0309	4	8191	Mountain whitefish	306	338	SCALES		2	PIT	965000000281448	
0309	4	8192	Mountain whitefish	383	494	SCALES		0	PIT	900026000083861	
0309	4	8193	Mountain whitefish	283	244	SCALES		0	PIT	900026000083858	
0309	4	8194	Mountain whitefish	278	202	SCALES		2	PIT	900026000051215	
0309	4	8195	Mountain whitefish	286	272	SCALES		2	PIT	965000000248298	
0309	4	8196	Mountain whitefish	354	390	SCALES		0	PIT	900026000083155	
0309	4	8197	Mountain whitefish	363	376	SCALES		2	PIT	900026000083966	
0309	4	8198	Mountain whitefish	315	264	SCALES		2	PIT	965000000088104	
0309	4	8199	Mountain whitefish	303	254	SCALES		2	PIT	965000000238546	
0309	4	8200	Mountain whitefish	268	210	SCALES		0	PIT	900026000083683	
0309	4	8201	Mountain whitefish	250	182	SCALES		2	PIT	900026000033467	
0310	4	8202	Mountain whitefish	378	454	SCALES		2	FLOY		7298YELLOW
0310	4	8203	Mountain whitefish	289	202	SCALES		2	PIT	900026000053962	
0310	4	8204	Mountain whitefish	294	240	SCALES		2	PIT	900026000065101	
0310	4	8205	Mountain whitefish	292	244	SCALES		2	PIT	900026000148638	
0310	4	8206	Mountain whitefish	265	210	SCALES		0	PIT	900026000084138	
0310	4	8207	Mountain whitefish	272	216	SCALES		0	PIT	900026000083190	
0310	4	8208	Kokanee	176	58	SCALES		0			
0310	4	8209	Mountain whitefish	278	242	SCALES		2	PIT	900026000034833	
0310	4	8210	Mountain whitefish	268	214	SCALES		2	PIT	900026000051825	
0310	4	8211	Mountain whitefish	298	272	SCALES		0	PIT	900026000148056	
0310	4	8212	Mountain whitefish	370	460	SCALES		2	PIT	900026000057066	
0310	4	8213	Mountain whitefish	318	268	SCALES		2	PIT	965000000080738	
0310	4	8214	Mountain whitefish	298	280	SCALES		0	PIT	900026000084049	
0310	4	8215	Mountain whitefish	291	284	SCALES		0	PIT	900026000083216	
0310	4	8216	Mountain whitefish	236	138	SCALES		0			
0310	4	8217	Mountain whitefish	234	138	SCALES		0			
0310	4	8218	Mountain whitefish	288	232	SCALES		0	PIT	900026000148579	
0310	4	8219	Mountain whitefish	263	224	SCALES	4	0	PIT	900026000084026	
0310	4	8220	Mountain whitefish	272	210	SCALES		0	PIT	900026000083922	
0310	4	8221	Mountain whitefish	235	150	SCALES		0			
0310	4	8222	Mountain whitefish	262	186	SCALES		2	PIT	900026000056986	
0310	4	8223	Mountain whitefish	262	204	SCALES	3	0	PIT	900026000083673	
0310	4	8224	Mountain whitefish	256	178	SCALES		0	PIT	900026000148249	
0310	4	8225	Mountain whitefish	265	206	SCALES		2	PIT	900026000083402	
0310	4	8226	Mountain whitefish	213	110	SCALES		0			
0310	4	8227	Mountain whitefish	236	132	SCALES		0			
0310	4	8228	Mountain whitefish	306	294	SCALES		0	PIT	900026000148763	
0310	4	8229	Mountain whitefish	227	124	SCALES		0			
0310	4	8230	Mountain whitefish	304		SCALES		0	PIT	900026000083710	
0310	4	8231	Mountain whitefish	403	506	SCALES		2	FLOY		6091YELLOW
0310	4	8232	Mountain whitefish	278	210	SCALES		0	PIT	900026000083986	
0310	4	8233	Mountain whitefish	248	178	SCALES		0			
0310	4	8234	Mountain whitefish	214	124	SCALES		0			
0310	4	8235	Mountain whitefish	223	122	SCALES		0			
0310	4	8236	Mountain whitefish	206	106	SCALES		0			
0310	4	8237	Mountain whitefish	214	110	SCALES		0			
0310	4	8238	Mountain whitefish	202	110	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	4	8239	Mountain whitefish	275	220	SCALES		0	PIT	900026000148926	
	4	8240	Mountain whitefish	301	308	SCALES		2	PIT	965000000077125	
	4	8241	Mountain whitefish	273	218	SCALES		2	PIT	900026000056234	
	4	8242	Mountain whitefish	369	424	SCALES		2	PIT	965000000069353	
	4	8243	Mountain whitefish	283	252	SCALES		2	PIT	965000000005634	
	4	8244	Mountain whitefish	363	510	SCALES		0	PIT	900026000084096	
	4	8245	Mountain whitefish	341	352	SCALES		2	PIT	965000000244204	
	4	8246	Mountain whitefish	159	50	SCALES		0			
	4	8247	Mountain whitefish	268	196	SCALES		0	PIT	900026000083732	
	4	8248	Mountain whitefish	297	254	SCALES		2	PIT	900026000063437	
	4	8249	Mountain whitefish	277	226	SCALES		0	PIT	900026000083668	
	4	8250	Longnose sucker	335	552			0			
	4	8251	Mountain whitefish	383	488	SCALES		0	PIT	900026000083835	
	4	8252	Longnose sucker	438	1092			0			
	4	8253	Mountain whitefish	243	148	SCALES		0			
	4	8254	Longnose sucker	370	882			0			
	4	8255	Longnose sucker	421	960			0			
	4	8256	Longnose sucker	427	1026			0			
	4	8257	Longnose sucker	378	668			0			
	4	8258	Longnose sucker	374	702			0			
	4	8259	Mountain whitefish	312	306	SCALES		2	FLOY		9080YELLOW
	4	8260	Mountain whitefish	261	226	SCALES		2	PIT	900026000061611	
	4	8261	Mountain whitefish	264	202	SCALES		0	PIT	900026000055312	
	4	8262	Mountain whitefish	275	266	SCALES		0	PIT	900026000083918	
	4	8263	Mountain whitefish	300	280	SCALES		0	PIT	900026000083501	
	4	8264	Mountain whitefish	292	250	SCALES		2	PIT	900026000065101	
	4	8265	Mountain whitefish	265	192	SCALES		2	PIT	900026000035270	
	4	8266	Mountain whitefish	257	196	SCALES		0	PIT	900026000083598	
	4	8267	Mountain whitefish	305	238	SCALES		0	PIT	900026000083672	
	4	8268	Mountain whitefish	390	474	SCALES		2	PIT	965000000246191	
	4	8269	Mountain whitefish	447	906	SCALES		2	PIT	900026000056008	
	4	8270	Mountain whitefish	255	192	SCALES		0	PIT	900026000148040	
	4	8271	Mountain whitefish	288	284	SCALES		0	PIT	900026000155492	
	4	8272	Mountain whitefish	307	250	SCALES		0	PIT	900026000147694	
	4	8273	Mountain whitefish	250	204	SCALES		0	PIT	900026000147615	
	4	8274	Mountain whitefish	271	192	SCALES	4	0	PIT	900026000083194	
	4	8275	Mountain whitefish	193	94	SCALES		0			
	4	8276	Mountain whitefish	215	122	SCALES		0			
	4	8277	Mountain whitefish	322	266	SCALES		2	PIT	965000000080738	
	4	8278	Mountain whitefish	290	254	SCALES		2	PIT	965000000010222	
	4	8279	Mountain whitefish	273	250	SCALES		0	PIT	900026000147832	
	4	8280	Mountain whitefish	264	212	SCALES		2	PIT	965000000067774	
	4	8281	Mountain whitefish	295	266	SCALES		2	PIT	965000000092517	
	4	8282	Mountain whitefish	283	260	SCALES		0	PIT	900026000147557	
	4	8283	Mountain whitefish	333	362	SCALES		0	PIT	900026000056083	
	4	8284	Mountain whitefish	258	182	SCALES		2	PIT	900026000051194	
	4	8285	Mountain whitefish	254	192	SCALES		0	PIT	900026000064801	
	4	8286	Mountain whitefish	193	82	SCALES		0			
	4	8287	Mountain whitefish	230	136	SCALES		0			
	4	8288	Mountain whitefish	213	112	SCALES		0			
	4	8289	Mountain whitefish	194	84	SCALES		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
0316	4	8290	Mountain whitefish	193	86	SCALES		0			
0316	4	8291	Mountain whitefish	212	112	SCALES		0			
0316	4	8292	Mountain whitefish	203	102	SCALES	3	0			
0316	4	8293	Mountain whitefish	315	304	SCALES		2	FLOY	13689	WHITE
0316	4	8294	Mountain whitefish	283	322	SCALES		2	PIT	96500000081713	
0316	4	8295	Mountain whitefish	277	224	SCALES		0	PIT	900026000147979	
0316	4	8296	Mountain whitefish	273	258	SCALES		2	PIT	965000000110473	
0316	4	8297	Mountain whitefish	262	208	SCALES		0	PIT	900026000062070	
0316	4	8298	Mountain whitefish	290	248	SCALES		2	PIT	965000000088102	
0316	4	8299	Mountain whitefish	247	190	SCALES		0			
0316	4	8300	Mountain whitefish	230	158	SCALES		0			
0316	4	8301	Rainbow trout	290	284	SCALES		0	PIT	900026000051220	
0316	4	8302	Rainbow trout	305	380	SCALES		2	PIT	900026000052443	
0316	4	8303	Mountain whitefish	339	304	SCALES		0	PIT	900026000147496	
0316	4	8304	Mountain whitefish	281	230	SCALES		2	PIT	900026000034849	
0316	4	8305	Mountain whitefish	431	714	SCALES		2	PIT	965000000083630	
0316	4	8306	Mountain whitefish	383	440	SCALES		0	PIT	900026000147395	
0316	4	8307	Mountain whitefish	243	192	SCALES		0			
0316	4	8308	Mountain whitefish	288	252	SCALES		2	PIT	965000000083659	
0316	4	8309	Mountain whitefish	193	98	SCALES		0			
0316	4	8310	Mountain whitefish	277	236	SCALES		0	PIT	900026000055569	
0316	4	8311	Mountain whitefish	262	202	SCALES		0	PIT	900026000147042	
0316	4	8312	Mountain whitefish	363	478	SCALES		0	PIT	900026000147775	
0316	4	8313	Mountain whitefish	310	304	SCALES		0	PIT	900026000147098	
0316	4	8314	Mountain whitefish	283	248	SCALES		2	PIT	900026000064427	
0316	4	8315	Mountain whitefish	274	256	SCALES		0	PIT	900026000147571	
0316	4	8316	Mountain whitefish	311	298	SCALES		2	PIT	900026000065555	
0316	4	8317	Mountain whitefish	273	226	SCALES		0	PIT	900026000147583	
0316	4	8318	Mountain whitefish	246	170	SCALES		0			
0316	4	8319	Mountain whitefish	276	244	SCALES		2	PIT	900026000035322	
0316	4	8320	Mountain whitefish	269	222	SCALES	4	0	PIT	900026000147768	
0316	4	8321	Mountain whitefish	280	270	SCALES		0	PIT	900026000147722	
0316	4	8322	Mountain whitefish	253	186	SCALES		2	PIT	900026000052709	
0316	4	8323	Mountain whitefish	273	216	SCALES		0	PIT	900026000147761	
0316	4	8324	Mountain whitefish	227	138	SCALES		0			
0316	4	8325	Rainbow trout	366	674	SCALES		0	PIT	900026000147585	
0316	4	8326	Arctic grayling	345	478	SCALES	4	0	PIT	900026000147799	
0316	4	8327	Mountain whitefish	331	374	SCALES		0	PIT	900026000148850	
0316	4	8328	Mountain whitefish	227	142	SCALES		0			
0316	4	8329	Mountain whitefish	373	400	SCALES		2	PIT	965000000243486	
0316	4	8330	Mountain whitefish	283	268	SCALES		2	PIT	965000000071437	
0316	4	8331	Kokanee	191	66	SCALES		0			
0316	4	8332	Mountain whitefish	257	214	SCALES		0	PIT	900026000083961	
0316	4	8333	Mountain whitefish	235	160	SCALES		0			
0316	4	8334	Bull trout	238	130	FS	4	0	PIT	900026000084069	
0316	4	8335	Bull trout	317	330	FS	4	0	PIT	900026000083836	
0316	4	8336	Bull trout	465	1054	FS	5	0	PIT	900026000083907	
0311	4	8337	Mountain whitefish	328	358	SCALES		2	PIT	965000000246476	
0311	4	8338	Mountain whitefish	267	218	SCALES		2	PIT	900026000148317	
0311	4	8339	Mountain whitefish	287	244	SCALES		2	PIT	965000000068912	
0311	4	8340	Mountain whitefish	280	244	SCALES		2	PIT	900026000083816	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	4	8341	Mountain whitefish	300	282	SCALES		2	PIT	96500000010296	
	4	8342	Mountain whitefish	238	146	SCALES		0			
	4	8343	Rainbow trout	208	110			0			
	4	8344	Mountain whitefish	216	118	SCALES		0			
	4	8345	Mountain whitefish	205	92	SCALES		0			
	4	8346	Mountain whitefish	214	114	SCALES		0			
	4	8347	Mountain whitefish	292	264	SCALES		0	PIT	900026000083870	
	4	8348	Mountain whitefish	295	248	SCALES		0	PIT	900026000083344	
	4	8349	Mountain whitefish	280	212	SCALES		2	PIT	900026000061407	
	4	8350	Mountain whitefish	305	244	SCALES		2	PIT	900026000055797	
	4	8351	Mountain whitefish	222	118	SCALES		0			
	4	8352	Mountain whitefish	283	230	SCALES		2	PIT	900026000083891	
	4	8353	Mountain whitefish	291	274	SCALES		2	PIT	900026000055340	
	4	8354	Mountain whitefish	205	98	SCALES		0			
	4	8355	Mountain whitefish	277	234	SCALES		0	PIT	900026000083315	
	4	8356	Mountain whitefish	282	226	SCALES		2	PIT	900026000054135	
	4	8357	Mountain whitefish	290	230	SCALES		2	PIT	900026000055335	
	4	8358	Mountain whitefish	392	480	SCALES		0	PIT	900026000084114	
	4	8359	Mountain whitefish	300	288	SCALES		0	PIT	900026000083931	
	4	8360	Mountain whitefish	273	222	SCALES		0	PIT	900026000084018	
	4	8361	Mountain whitefish	287	254	SCALES	4	0	PIT	900026000083343	
	4	8362	Mountain whitefish	214	120	SCALES		0			
	4	8363	Mountain whitefish	268	190	SCALES		2	PIT	96500000006013	
	4	8364	Mountain whitefish	201	98	SCALES		2			
	4	8365	Mountain whitefish	214	102	SCALES		0			
	4	8366	Mountain whitefish	165	52	SCALES		0			
	4	8367	Mountain whitefish	337	362	SCALES		2	PIT	965000000245263	
	4	8368	Mountain whitefish	330	342	SCALES		2	PIT	900026000054661	
	4	8369	Mountain whitefish	337	322	SCALES		2	PIT	965000000243979	
	4	8370	Mountain whitefish	288	236	SCALES		0	PIT	900026000083971	
	4	8371	Mountain whitefish	305	296	SCALES		2	PIT	900026000054256	
	4	8372	Mountain whitefish	217	114	SCALES		0			
	4	8373	Mountain whitefish	237	150	SCALES		0			
	4	8374	Mountain whitefish	159	50	SCALES		0			
	4	8375	Mountain whitefish	301	244	SCALES		2	PIT	900026000052286	
	4	8376	Mountain whitefish	268	214	SCALES		2	PIT	900026000083175	
	4	8377	Mountain whitefish	285	256	SCALES		0	PIT	900026000083800	
	4	8378	Mountain whitefish	298	284	SCALES		2	PIT	965000000243503	
	4	8379	Mountain whitefish	291	250	SCALES		0	PIT	900026000083875	
	4	8380	Bull trout	224	126	FS	3	0	PIT	900026000148918	
	4	8381	Rainbow trout	191	94	SCALES		0			
	4	8382	Largescale sucker	424	1030			0			
	4	8383	Mountain whitefish	337	352	SCALES		2	PIT	965000000241445	
	4	8384	Mountain whitefish	273	228	SCALES		2	PIT	900026000083403	
	4	8385	Mountain whitefish	213	110	SCALES		0			
	4	8386	Mountain whitefish	280	218	SCALES		0	PIT	900026000083851	
	4	8387	Mountain whitefish	284	244	SCALES		0	PIT	900026000084125	
	4	8388	Mountain whitefish	260	190	SCALES		2	PIT	900026000051623	
	4	8389	Mountain whitefish	326	382	SCALES		0	PIT	900026000084014	
	4	8390	Mountain whitefish	260	206	SCALES		0	PIT	900026000083877	
	4	8391	Mountain whitefish	320	274	SCALES		0	PIT	900026000083291	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	4	8392	Mountain whitefish	280	220	SCALES		2	PIT	965000000111354	
	4	8393	Mountain whitefish	275	236	SCALES		0	PIT	900026000083624	
	4	8394	Mountain whitefish	348	330	SCALES		0	PIT	900026000083667	
	4	8395	Mountain whitefish	158	48	SCALES		0			
	4	8396	Mountain whitefish	293		SCALES		5	PIT	900026000083650	
	4	8397	Mountain whitefish	247	148	SCALES		0			
	4	8398	Mountain whitefish	205	96	SCALES		0			
	4	8399	Largescale sucker	480	1446			0			
	4	8400	Longnose sucker	393	834			0			
	4	8401	Largescale sucker	524	1806			0			
	4	8402	Longnose sucker	462	1336			0			
	4	8403	Longnose sucker	403	942			0			
	4	8404	Longnose sucker	381	672			0			
	4	8405	Northern pikeminnow	455	1154			0			
	4	8406	Longnose sucker	345	528			0			
	4	8407	Lake whitefish	333	444	SCALES		0	PIT	900026000083355	
	4	8408	Mountain whitefish	315	314	SCALES		0	PIT	900026000147166	
	4	8409	Mountain whitefish	279	208	SCALES		0	PIT	900026000055886	
	4	8410	Mountain whitefish	303	292	SCALES		0	PIT	900026000051414	
	4	8411	Mountain whitefish	287	254	SCALES		0	PIT	900026000155267	
	4	8412	Mountain whitefish	279	202	SCALES		0	PIT	900026000084033	
	4	8413	Mountain whitefish	263	194	SCALES		0	PIT	900026000147836	
	4	8414	Mountain whitefish	250	172	SCALES		0	PIT	900026000147949	
	4	8415	Mountain whitefish	289	218	SCALES	5	0	PIT	900026000084051	
	4	8416	Mountain whitefish	307	256	SCALES		2	PIT	965000000071680	
	4	8417	Kokanee	200	76	SCALES		0			
	4	8418	Mountain whitefish	247	162	SCALES		0			
	4	8419	Mountain whitefish	268	190	SCALES		2	PIT	965000000006013	
	4	8420	Mountain whitefish	297	280	SCALES		2	PIT	900026000083931	
	4	8421	Mountain whitefish	370	366	SCALES		2	PIT	965000000008915	
	4	8422	Mountain whitefish	367	478	SCALES		0	PIT	900026000147363	
	4	8423	Mountain whitefish	280	246	SCALES		2	PIT	900026000053602	
	4	8424	Mountain whitefish	245	160	SCALES		0			
	4	8425	Mountain whitefish	293	244	SCALES		0	PIT	900026000147307	
	4	8426	Mountain whitefish	226	116	SCALES		0			
	4	8427	Mountain whitefish	310	284	SCALES		0	PIT	900026000083492	
	4	8428	Mountain whitefish	201	98	SCALES		0			
	4	8429	Mountain whitefish	196	82	SCALES		0			
	4	8430	Mountain whitefish	149	32	SCALES	1	0			
	4	8431	Mountain whitefish	342	344	SCALES		2	PIT	965000000001441	
	4	8432	Mountain whitefish	255	178	SCALES		2	PIT	900026000055770	
	4	8433	Mountain whitefish	162	46	SCALES	1	0			
	4	8434	Mountain whitefish	240	158	SCALES		0			
	4	8435	Mountain whitefish	271	210	SCALES	4	0	PIT	900026000147555	
	4	8436	Mountain whitefish	286	280	SCALES		0	PIT	900026000147164	
	4	8437	Mountain whitefish	250	158	SCALES		0	PIT	900026000147681	
	4	8438	Mountain whitefish	154	44	SCALES		0			
	4	8439	Mountain whitefish	159	46	SCALES	1	0			
	4	8440	Mountain whitefish	297	252	SCALES		0	PIT	900026000053636	
	4	8441	Mountain whitefish	275	226	SCALES		2	PIT	900026000057598	
	4	8442	Mountain whitefish	261	184	SCALES		0	PIT	900026000147797	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
3												
	0312	4	8443	Mountain whitefish	265	226	SCALES	0	PIT	900026000147845		
	0312	4	8444	Mountain whitefish	302	300	SCALES	2	PIT	965000000113109		
	0312	4	8445	Mountain whitefish	356	416	SCALES	2	PIT	965000000246963		
	0312	4	8446	Mountain whitefish	313	342	SCALES	0	PIT	900026000155429		
	0312	4	8447	Mountain whitefish	277	260	SCALES	0	PIT	900026000147272		
	0312	4	8448	Mountain whitefish	248	168	SCALES	0				
	0312	4	8449	Mountain whitefish	260	196	SCALES	0	PIT	900026000051553		
	0312	4	8450	Mountain whitefish	294	256	SCALES	0	PIT	900026000147907		
	0312	4	8451	Mountain whitefish	244	164	SCALES	0				
	0312	4	8452	Mountain whitefish	304	294	SCALES	0	PIT	900026000147027		
	0312	4	8453	Mountain whitefish	265	224	SCALES	0	PIT	900026000035482		
	0312	4	8454	Mountain whitefish	372	454	SCALES	0	PIT	900026000147041		
	0312	4	8455	Mountain whitefish	358	406	SCALES	0	PIT	900026000147894		
	0312	4	8456	Mountain whitefish	300	266	SCALES	5	0	PIT	900026000147811	
	0312	4	8457	Mountain whitefish	301	286	SCALES	0	PIT	900026000084052		
	0312	4	8458	Mountain whitefish	262	206	SCALES		2	PIT	900026000063250	
	0312	4	8459	Mountain whitefish	327	350	SCALES	5	0	PIT	900026000147305	
	0312	4	8460	Mountain whitefish	247	184	SCALES		0			
	0312	4	8461	Mountain whitefish	392	478	SCALES	0	PIT	900026000052235		
	0312	4	8462	Mountain whitefish	288	264	SCALES	0	PIT	900026000052146		
	0302	5	10045	Mountain whitefish	375				2	PIT	0A00734413	
	0302	5	10046	Mountain whitefish	388				2	PIT	4D00012935	
	0302	5	10047	Mountain whitefish	308				2	PIT	965000000243514	
	0302	5	10048	Mountain whitefish	357				2	PIT	965000000110337	
	0302	5	10049	Mountain whitefish	351				2	PIT	900026000148112	
	0302	5	10050	Bull trout	204		FS	2	0	PIT	900026000084009	
	0302	5	10051	Bull trout	550			6	2	PIT	965000000282283	
	0302	5	10052	Walleye	419		FIN RAY		0	PIT	900026000083713	
	0302	5	10053	Bull trout	282		FIN RAY	4	0	PIT	900026000083935	
	0302	5	10054	Mountain whitefish	321				2	FLOY	13563 WHITE	
	0302	5	10055	Mountain whitefish	310				2	PIT	900026000054901	
	0302	5	10056	Mountain whitefish	345				2	PIT	900026000054428	
	0302	5	10057	Mountain whitefish	293				2	PIT	965000000001016	
	0302	5	10058	Mountain whitefish	322				2	PIT	900026000054507	
	0302	5	10059	Mountain whitefish	370				2	FLOY	14650 WHITE	
	0302	5	10060	Mountain whitefish	279				2	PIT	965000000071757	
	0302	5	10061	Mountain whitefish	317				2	PIT	900026000083378	
	0302	5	10062	Mountain whitefish	382				2	PIT	900026000063483	
	0302	5	10063	Mountain whitefish	276				2	PIT	900026000083758	
	0302	5	10064	Mountain whitefish	283				2	PIT	965000000092291	
	0302	5	10065	Mountain whitefish	292				2	PIT	965000000008556	
	0302	5	10066	Mountain whitefish	265				2	PIT	965000000282427	
	0302	5	10067	Mountain whitefish	310				2	PIT	965000000006149	
	0302	5	10068	Mountain whitefish	268				2	PIT	900026000051462	
	0302	5	10069	Mountain whitefish	282				2	PIT	965000000281132	
	0302	5	10070	Mountain whitefish	282				2	PIT	900026000062082	
	0302	5	10071	Mountain whitefish	274				2	PIT	900026000055579	
	0302	5	10072	Mountain whitefish	287				2	PIT	900026000054670	
	0301	5	10073	Mountain whitefish	281				2	PIT	900026000083519	
	0301	5	10074	Mountain whitefish	332				2	PIT	965000000238533	
	0301	5	10075	Rainbow trout	286				0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0301	5	10076	Mountain whitefish	291			2	PIT	965000000245564	
	0301	5	10077	Mountain whitefish	413			2	PIT	965000000239978	
	0301	5	10078	Mountain whitefish	306			2	PIT	900026000063456	
	0301	5	10079	Mountain whitefish	272			2	PIT	900026000035479	
	0301	5	10080	Mountain whitefish	408			2	PIT	965000000246379	
	0301	5	10081	Mountain whitefish	283			2	PIT	900026000148365	
	0301	5	10082	Mountain whitefish	279			2	PIT	900026000053843	
	0301	5	10083	Rainbow trout	283			0			
	0301	5	10084	Mountain whitefish	279			2	PIT	900026000083707	
	0301	5	10085	Mountain whitefish	277			2	PIT	965000000281820	
	0301	5	10086	Mountain whitefish	293			2	PIT	900026000054282	
	0301	5	10087	Mountain whitefish	285			2	PIT	900026000064941	
	0301	5	10088	Mountain whitefish	277			2	PIT	900026000063937	
	0301	5	10089	Mountain whitefish	308			2	PIT	965000000247812	
	0301	5	10090	Mountain whitefish	284			2	PIT	900026000055523	
	0301	5	10091	Mountain whitefish	287			2	PIT	900026000083627	
	0301	5	10092	Mountain whitefish	305			2	PIT	900026000083362	
	0301	5	10093	Mountain whitefish	276			2	PIT	900026000148716	
	0301	5	10094	Mountain whitefish	282			2	PIT	965000000072223	
	0301	5	10095	Mountain whitefish	274			2	PIT	900026000148832	
	0301	5	10096	Mountain whitefish	276			2	PIT	900026000063542	
	0301	5	10097	Mountain whitefish	285			2	PIT	965000000281638	
	0301	5	10098	Mountain whitefish	321			2	PIT	900026000051919	
	0301	5	10099	Mountain whitefish	290			2	PIT	965000000072395	
	0301	5	10100	Mountain whitefish	287			2	PIT	900026000052224	
	0301	5	10101	Mountain whitefish	280			2	PIT	900026000083428	
	0301	5	10102	Mountain whitefish	287			2	PIT	965000000092059	
	0301	5	10103	Mountain whitefish	255			2	PIT	900026000148823	
	0301	5	10104	Bull trout	567	FIN RAY	6	0	PIT	900026000084083	
	0301	5	10105	Bull trout	723			6	PIT	965000000246292	
	0301	5	10106	Bull trout	501	FIN RAY	5	0	PIT	900026000083651	
	0303	5	10107	Mountain whitefish	315			2	PIT	965000000084825	
	0303	5	10108	Mountain whitefish	278			2	PIT	900026000054180	
	0303	5	10109	Mountain whitefish	318			2	PIT	965000000243931	
	0303	5	10110	Mountain whitefish	300			2	PIT	965000000086084	
	0303	5	10111	Mountain whitefish	380			2	PIT	965000000281593	
	0303	5	10112	Mountain whitefish	276			2	PIT	900026000051914	
	0303	5	10113	Mountain whitefish	362			2	PIT	900026000083562	
	0303	5	10114	Mountain whitefish	313			2	PIT	965000000244685	
	0303	5	10115	Mountain whitefish	263			2	PIT	900026000083785	
	0303	5	10116	Mountain whitefish	284			2	PIT	900026000055542	
	0303	5	10117	Mountain whitefish	282			2	PIT	900026000148267	
	0303	5	10118	Mountain whitefish	348			2	PIT	965000000245527	
	0303	5	10119	Mountain whitefish	262			2	PIT	900026000148041	
	0303	5	10120	Mountain whitefish	290			2	PIT	900026000148055	
	0303	5	10121	Mountain whitefish	297			2	PIT	900026000083684	
	0303	5	10122	Bull trout	462	FIN RAY	6	0	PIT	900026000148971	
	0304	5	10123	Mountain whitefish	335			2	PIT	900026000148773	
	0304	5	10124	Mountain whitefish	408			2	PIT	965000000247296	
	0304	5	10126	Mountain whitefish	288			2	PIT	900026000054611	
	0304	5	10127	Mountain whitefish	295			2	PIT	900026000084100	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0304	5	10128	Mountain whitefish	273			2	PIT	900026000083390	
	0304	5	10129	Mountain whitefish	317			2	PIT	965000000246058	
	0304	5	10130	Mountain whitefish	262			2	PIT	900026000051843	
	0304	5	10131	Mountain whitefish	295			2	PIT	965000000239796	
	0304	5	10132	Rainbow trout	352			0			
	0304	5	10133	Mountain whitefish	272			2	PIT	965000000071511	
	0304	5	10134	Mountain whitefish	413			2	PIT	900026000148861	
	0304	5	10135	Mountain whitefish	296			2	PIT	900026000053863	
	0304	5	10136	Mountain whitefish	372			2	FLOY	5958	YELLOW
	0304	5	10137	Mountain whitefish	288			2	PIT	900026000083997	
	0304	5	10138	Mountain whitefish	260			2	PIT	900026000083681	
	0304	5	10139	Mountain whitefish	308			2	PIT	900026000148462	
	0304	5	10140	Mountain whitefish	274			2	PIT	900026000051727	
	0304	5	10141	Mountain whitefish	314			2	PIT	900026000147083	
	0304	5	10142	Mountain whitefish	390			2	PIT	965000000079597	
	0304	5	10143	Mountain whitefish	272			2	PIT	900026000148964	
	0304	5	10144	Mountain whitefish	295			2	PIT	900026000148405	
	0304	5	10145	Mountain whitefish	280			2	PIT	900026000065246	
	0304	5	10146	Mountain whitefish	321			2	PIT	965000000084815	
	0304	5	10147	Mountain whitefish	257			2	PIT	900026000057549	
	0304	5	10148	Mountain whitefish	288			2	PIT	900026000051157	
	0305	5	10149	Mountain whitefish	313			2	PIT	965000000090307	
	0305	5	10150	Mountain whitefish	347			2	PIT	965000000089630	
	0305	5	10151	Mountain whitefish	404			2	PIT	900026000054572	
	0305	5	10152	Mountain whitefish	299			2	PIT	965000000065714	
	0305	5	10153	Mountain whitefish	283			2	PIT	900026000083700	
	0305	5	10154	Mountain whitefish	387			2	PIT	900026000057237	
	0305	5	10155	Mountain whitefish	292			2	PIT	900026000054611	
	0305	5	10156	Mountain whitefish	326			2	PIT	965000000245948	
	0305	5	10157	Mountain whitefish	298			2	PIT	965000000244882	
	0305	5	10158	Mountain whitefish	370			2	PIT	965000000282843	
	0305	5	10159	Mountain whitefish	285			2	PIT	900026000084104	
	0305	5	10160	Mountain whitefish	404			2	PIT	965000000239213	
	0305	5	10161	Mountain whitefish	300			2	PIT	900026000052468	
	0305	5	10162	Mountain whitefish	327			2	PIT	965000000245628	
	0305	5	10163	Mountain whitefish	350			2	FLOY	5925	YELLOW
	0305	5	10164	Mountain whitefish	337			2	PIT	965000000106322	
	0305	5	10165	Mountain whitefish	312			2	PIT	965000000247691	
	0305	5	10166	Mountain whitefish	291			2	PIT	900026000054917	
	0305	5	10167	Mountain whitefish	333			2	PIT	900026000020019	
	0305	5	10168	Mountain whitefish	325			2	PIT	900026000064036	
	0305	5	10169	Mountain whitefish	395			2	PIT	900026000148274	
	0305	5	10170	Mountain whitefish	283			2	PIT	900026000055307	
	0305	5	10171	Mountain whitefish	335			2	PIT	0A00744036	
	0305	5	10172	Mountain whitefish	280			2	PIT	900026000083691	
	0305	5	10173	Mountain whitefish	275			2	PIT	900026000051479	
	0305	5	10174	Mountain whitefish	300			2	PIT	900026000083583	
	0305	5	10175	Mountain whitefish	314			2	PIT	965000000008803	
	0305	5	10176	Mountain whitefish	272			2	PIT	965000000083665	
	0305	5	10177	Mountain whitefish	263			2	PIT	900026000083776	
	0305	5	10178	Mountain whitefish	344			2	PIT	965000000241849	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0305	5	10179	Mountain whitefish	389			2	FLOY	12468	WHITE
	0305	5	10180	Mountain whitefish	260			2	PIT	96500000281305	
	0305	5	10181	Mountain whitefish	256			2	PIT	900026000056206	
	0305	5	10182	Mountain whitefish	285			2	PIT	900026000064640	
	0305	5	10183	Mountain whitefish	301			2	PIT	900026000054645	
	0305	5	10184	Mountain whitefish	280			2	PIT	965000000112690	
	0305	5	10185	Mountain whitefish	288			2	PIT	965000000281763	
	0305	5	10186	Mountain whitefish	344			2	PIT	900026000148081	
	0305	5	10187	Mountain whitefish	282			2	PIT	900026000083856	
	0305	5	10188	Mountain whitefish	324			2	PIT	965000000090342	
	0305	5	10189	Mountain whitefish	290			2	PIT	900026000035413	
	0305	5	10190	Bull trout	268		FIN RAY	3	0	PIT	900026000084089
	0305	5	10191	Bull trout	251		FIN RAY	3	0	PIT	900026000083635
	0305	5	10192	Bull trout	426		FIN RAY	5	0	PIT	900026000148258
	0305	5	10193	Burbot	560			0	PIT	900026000084035	
	0314	5	10194	Walleye	440		FIN RAY	0	PIT	900026000148086	
	0314	5	10195	Mountain whitefish	298			2	PIT	965000000093589	
	0314	5	10196	Mountain whitefish	287			2	PIT	900026000057563	
	0314	5	10197	Mountain whitefish	266			2	PIT	900026000147318	
	0314	5	10198	Mountain whitefish	270			2	PIT	900026000052278	
	0314	5	10199	Mountain whitefish	293			2	PIT	900026000148947	
	0314	5	10200	Mountain whitefish	340			2	PIT	900026000148934	
	0314	5	10201	Mountain whitefish	308			2	PIT	965000000072051	
	0314	5	10202	Mountain whitefish	265			2	PIT	965000000071336	
	0314	5	10203	Rainbow trout	170			0			
	0314	5	10204	Mountain whitefish	268			2	PIT	900026000055958	
	0314	5	10205	Mountain whitefish	259			2	PIT	965000000246513	
	0314	5	10206	Mountain whitefish	352			2	PIT	900026000148612	
	0314	5	10207	Mountain whitefish	285			2	PIT	965000000090301	
	0314	5	10208	Mountain whitefish	281			2	PIT	900026000147490	
	0314	5	10209	Mountain whitefish	288			2	PIT	965000000078785	
	0306	5	10210	Mountain whitefish	308			2	PIT	900026000034622	
	0306	5	10211	Mountain whitefish	286			2	PIT	900026000060372	
	0306	5	10212	Mountain whitefish	312			2	PIT	965000000243070	
	0306	5	10213	Mountain whitefish	320			2	PIT	965000000246339	
	0306	5	10214	Mountain whitefish	402			2	PIT	900026000053613	
	0306	5	10215	Mountain whitefish	360			2	PIT	0A00744875	
	0306	5	10216	Mountain whitefish	325			2	PIT	965000000071963	
	0306	5	10217	Mountain whitefish	292			2	PIT	965000000078785	
	0306	5	10218	Mountain whitefish	288			2	PIT	900026000056784	
	0306	5	10219	Mountain whitefish	342			2	PIT	900026000052691	
	0306	5	10220	Mountain whitefish	367			2	PIT	965000000069302	
	0306	5	10221	Mountain whitefish	362			2	PIT	900026000051570	
	0306	5	10222	Bull trout	266		FIN RAY	4	0	PIT	900026000083597
	0311	5	10223	Bull trout	776			9	2	PIT	965000000238133
	0311	5	10224	Rainbow trout	202			0			
	0311	5	10225	Mountain whitefish	323			2	PIT	900026000148768	
	0311	5	10226	Mountain whitefish	341			2	PIT	900026000054273	
	0311	5	10227	Mountain whitefish	358			2	FLOY	12628	WHITE
	0311	5	10228	Mountain whitefish	307			2	PIT	900026000052904	
	0311	5	10229	Mountain whitefish	320			2	PIT	900026000055171	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	5	10230	Mountain whitefish	384				2	PIT	900026000051911	
	5	10231	Mountain whitefish	425				2	PIT	0A00725750	
	5	10232	Mountain whitefish	265				2	PIT	900026000083212	
	5	10233	Mountain whitefish	342				2	PIT	0A00726533	
	5	10234	Mountain whitefish	320				2	PIT	900026000052719	
	5	10235	Mountain whitefish	335				2	PIT	965000000245949	
	5	10236	Mountain whitefish	320				2	PIT	965000000281660	
	5	10237	Mountain whitefish	281				2	PIT	900026000083704	
	5	10238	Mountain whitefish	294				2	PIT	900026000061539	
	5	10239	Mountain whitefish	337				2	PIT	965000000238715	
	5	10240	Mountain whitefish	273				2	PIT	965000000072990	
	5	10241	Mountain whitefish	291				2	PIT	965000000068938	
	5	10242	Mountain whitefish	347				2	PIT	900026000147878	
	5	10243	Mountain whitefish	250				2	PIT	900026000083533	
	5	10244	Mountain whitefish	346				2	PIT	965000000085722	
	5	10245	Bull trout	226		FS	4	0	PIT	900026000084007	
	5	10246	Mountain whitefish	280				2	PIT	900026000065351	
	5	10247	Mountain whitefish	346				2	PIT	965000000244545	
	5	10248	Mountain whitefish	359				2	PIT	900026000055596	
	5	10249	Mountain whitefish	322				2	PIT	965000000004905	
	5	10250	Mountain whitefish	311				2	PIT	965000000282519	
	5	10251	Mountain whitefish	268				2	PIT	900026000055401	
	5	10252	Mountain whitefish	352				2	PIT	900026000083282	
	5	10253	Mountain whitefish	299				2	PIT	900026000052142	
	5	10254	Mountain whitefish	324				2	PIT	900026000057328	
	5	10255	Mountain whitefish	289				2	PIT	965000000110074	
	5	10256	Mountain whitefish	358				2	PIT	0A00716769	
	5	10257	Mountain whitefish	307				2	PIT	965000000071680	
	5	10258	Mountain whitefish	402				2	PIT	900026000055301	
	5	10259	Mountain whitefish	433				2	PIT	900026000054137	
	5	10260	Mountain whitefish	373				2	PIT	965000000281726	
	5	10261	Mountain whitefish	278				2	PIT	900026000083851	
	5	10262	Mountain whitefish	267				2	PIT	900026000148317	
	5	10263	Mountain whitefish	293				2	PIT	900026000056080	
	5	10264	Mountain whitefish	311				2	PIT	900026000083485	
	5	10265	Mountain whitefish	277				2	PIT	900026000083550	
	5	10266	Mountain whitefish	395				2	PIT	900026000083829	
	5	10267	Rainbow trout	228				0			
	5	10268	Mountain whitefish	312				2	PIT	900026000052539	
	5	10269	Mountain whitefish	302				2	PIT	965000000243729	
	5	10270	Mountain whitefish	326				2	PIT	900026000084014	
	5	10271	Mountain whitefish	283				2	PIT	900026000065540	
	5	10272	Mountain whitefish	285				2	PIT	900026000051318	
	5	10273	Mountain whitefish	286				2	PIT	900026000063826	
	5	10274	Mountain whitefish	300				2	PIT	900026000083344	
	5	10275	Mountain whitefish	317				2	PIT	0A00711655	
	5	10276	Mountain whitefish	284				2	PIT	900026000051896	
	5	10277	Mountain whitefish	307				2	PIT	900026000064553	
	5	10278	Mountain whitefish	309				2	PIT	900026000055797	
	5	10279	Mountain whitefish	252				2	PIT	900026000053856	
	5	10280	Mountain whitefish	296				2	PIT	900026000055284	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0310	5	10281	Rainbow trout	190			0			
	0310	5	10282	Mountain whitefish	270			2	PIT	900026000147571	
	0310	5	10283	Mountain whitefish	287			2	PIT	900026000055831	
	0310	5	10284	Bull trout	243		FS	3	0	PIT	900026000083592
	0310	5	10285	Bull trout	182		SCALES	2	0		
	0312	5	10286	Walleye	471		FIN RAY	0	PIT	900026000084022	
	0312	5	10287	Mountain whitefish	368			2	PIT	0A00717953	
	0312	5	10288	Mountain whitefish	290			2	PIT	900026000061100	
	0312	5	10289	Mountain whitefish	309			2	FLOY	9080YELLOW	
	0312	5	10290	Mountain whitefish	272			2	PIT	900026000054085	
	0312	5	10291	Mountain whitefish	268			2	PIT	965000000065702	
	0312	5	10292	Bull trout	591			2	PIT	965000000071220	
	0312	5	10293	Mountain whitefish	334			2	FLOY	16507	WHITE
	0312	5	10294	Mountain whitefish	258			2	PIT	900026000083347	
	0312	5	10295	Mountain whitefish	298			2	PIT	900026000057128	
	0312	5	10296	Mountain whitefish	306			2	PIT	900026000083471	
	0312	5	10297	Mountain whitefish	340			2	PIT	900026000053244	
	0312	5	10298	Mountain whitefish	359			2	PIT	965000000245183	
	0312	5	10299	Mountain whitefish	280			2	PIT	965000000085974	
	0312	5	10300	Mountain whitefish	264			2	PIT	900026000055791	
	0312	5	10301	Mountain whitefish	304			2	PIT	900026000065507	
	0312	5	10302	Mountain whitefish	291			2	PIT	900026000052868	
	0312	5	10303	Mountain whitefish	295			2	PIT	965000000082742	
	0315	5	10304	Rainbow trout	338			2	PIT	900026000051629	
	0315	5	10305	Rainbow trout	395			2	PIT	900026000055588	
	0315	5	10306	Walleye	398		FIN RAY	0	PIT	900026000147610	
	0315	5	10307	Walleye	495		FIN RAY	0	PIT	900026000147394	
	0315	5	10308	Walleye	451		FIN RAY	0	PIT	900026000147714	
	0315	5	10309	Bull trout	590			10	2	PIT	965000000245713
	0315	5	10310	Mountain whitefish	301			2	PIT	900026000148247	
	0315	5	10311	Mountain whitefish	303			2	PIT	965000000243711	
	0315	5	10312	Mountain whitefish	279			2	PIT	900026000064869	
	0315	5	10313	Mountain whitefish	343			2	PIT	900026000052691	
	0315	5	10314	Mountain whitefish	388			2	PIT	900026000033875	
	0315	5	10315	Mountain whitefish	359			2	PIT	965000000091218	
	0315	5	10316	Mountain whitefish	256			2	PIT	900026000083665	
	0315	5	10317	Mountain whitefish	283			2	PIT	900026000034601	
	0315	5	10318	Mountain whitefish	326			2	PIT	965000000245163	
	0315	5	10319	Rainbow trout	336			0			
	0315	5	10320	Mountain whitefish	274			2	PIT	900026000034911	
	0315	5	10321	Mountain whitefish	297			2	PIT	0A00710919	
	0315	5	10322	Mountain whitefish	314			2	PIT	965000000243322	
	0315	5	10323	Mountain whitefish	285			2	PIT	965000000088531	
	0315	5	10324	Mountain whitefish	290			2	PIT	900026000083341	
	0315	5	10325	Mountain whitefish	283			2	PIT	900026000056162	
	0315	5	10327	Mountain whitefish	255			2	PIT	900026000053554	
	0315	5	10328	Mountain whitefish	330			2	PIT	900026000083529	
	0315	5	10329	Mountain whitefish	291			2	PIT	900026000053886	
	0315	5	10330	Mountain whitefish	290			2	PIT	900026000053894	
	0315	5	10331	Mountain whitefish	263			2	PIT	965000000007718	
	0307	5	10332	Walleye	450			2	PIT	900026000053170	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0307	5	10333	Bull trout	270			2	PIT	900026000065564	
	0307	5	10334	Mountain whitefish	365			2	PIT	900026000083750	
	0307	5	10335	Mountain whitefish	275			2	PIT	965000000282079	
	0307	5	10336	Mountain whitefish	457			2	PIT	965000000282861	
	0307	5	10337	Mountain whitefish	297			2	PIT	900026000054110	
	0307	5	10338	Mountain whitefish	321			2	PIT	965000000093676	
	0307	5	10339	Mountain whitefish	272			2	PIT	900026000063915	
	0307	5	10340	Mountain whitefish	279			2	PIT	900026000052264	
	0307	5	10341	Mountain whitefish	261			2	PIT	900026000064758	
	0307	5	10342	Mountain whitefish	350			2	PIT	965000000244666	
	0307	5	10343	Mountain whitefish	282			2	PIT	900026000065403	
	0307	5	10344	Mountain whitefish	308			2	PIT	965000000243917	
	0307	5	10345	Mountain whitefish	286			2	PIT	900026000148171	
	0307	5	10346	Mountain whitefish	271			2	PIT	900026000056333	
	0307	5	10347	Mountain whitefish	317			2	PIT	900026000054648	
	0307	5	10348	Mountain whitefish	265			2	PIT	900026000083952	
	0307	5	10349	Mountain whitefish	274			2	PIT	900026000083718	
	0316	5	10350	Rainbow trout	245			0			
	0316	5	10351	Mountain whitefish	286			2	PIT	900026000054825	
	0316	5	10352	Mountain whitefish	308			2	PIT	900026000148779	
	0316	5	10353	Mountain whitefish	367			2	PIT	965000000244415	
	0316	5	10354	Mountain whitefish	282			2	PIT	900026000034790	
	0316	5	10355	Mountain whitefish	286			2	PIT	965000000240853	
	0316	5	10356	Mountain whitefish	288			2	PIT	965000000083659	
	0316	5	10357	Mountain whitefish	258			2	PIT	900026000148801	
	0316	5	10358	Mountain whitefish	315			2	PIT	965000000242972	
	0316	5	10360	Mountain whitefish	285			2	PIT	900026000052534	
	0316	5	10361	Rainbow trout	240			0			
	0316	5	10362	Mountain whitefish	288			2	PIT	900026000155492	
	0316	5	10363	Mountain whitefish	307			2	PIT	965000000247868	
	0316	5	10364	Mountain whitefish	289			2	PIT	900026000064528	
	0316	5	10365	Mountain whitefish	300			2	PIT	965000000247344	
	0316	5	10366	Mountain whitefish	268			2	PIT	965000000087980	
	0316	5	10367	Mountain whitefish	323			2	FLOY	13672	WHITE
	0316	5	10368	Mountain whitefish	270			2	PIT	900026000148085	
	0316	5	10369	Mountain whitefish	290			2	PIT	965000000068143	
	0316	5	10370	Mountain whitefish	244			2	PIT	900026000056334	
	0316	5	10371	Mountain whitefish	275			2	PIT	900026000054400	
	0316	5	10372	Mountain whitefish	311			2	PIT	0A00705249	
	0316	5	10373	Mountain whitefish	302			2	PIT	965000000240495	
	0316	5	10374	Mountain whitefish	261			2	PIT	900026000055718	
	0316	5	10375	Mountain whitefish	268			2	PIT	965000000089797	
	0316	5	10376	Mountain whitefish	320			2	PIT	965000000246600	
	0316	5	10377	Mountain whitefish	313			2	PIT	965000000243842	
	0308	5	10378	Mountain whitefish	293			2	PIT	900026000064026	
	0308	5	10379	Mountain whitefish	262			2	PIT	900026000057521	
	0308	5	10380	Mountain whitefish	346			2	PIT	4D00025925	
	0308	5	10381	Mountain whitefish	292			2	PIT	900026000148607	
	0308	5	10382	Mountain whitefish	403			2	FLOY	3071	YELLOW
	0308	5	10383	Mountain whitefish	308			2	PIT	900026000065445	
	0308	5	10384	Mountain whitefish	284			2	PIT	900026000054387	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0308	5	10385	Mountain whitefish	280			2	PIT	900026000054123	
	0308	5	10386	Mountain whitefish	284			2	PIT	900026000055824	
	0308	5	10387	Mountain whitefish	294			2	PIT	900026000033430	
	0308	5	10388	Mountain whitefish	260			2	PIT	900026000147042	
	0308	5	10389	Mountain whitefish	272			2	PIT	900026000147979	
	0308	5	10390	Mountain whitefish	365			2	PIT	900026000054377	
	0308	5	10391	Mountain whitefish	293			2	PIT	900026000054358	
	0308	5	10392	Mountain whitefish	304			2	PIT	965000000281758	
	0308	5	10393	Mountain whitefish	290			2	PIT	900026000056078	
	0308	5	10394	Mountain whitefish	312			2	PIT	965000000282654	
	0308	5	10395	Mountain whitefish	313			2	PIT	900026000065552	
	0308	5	10396	Mountain whitefish	304			2	PIT	900026000054631	
	0308	5	10397	Mountain whitefish	293			2	PIT	900026000052490	
	0308	5	10398	Mountain whitefish	301	SO		9			
	0308	5	10399	Mountain whitefish	296	SO		9			
	0302	6	12616	Bull trout	673	FIN RAY	8	0	PIT	900026000147830	
	0302	6	12617	Walleye	388	FIN RAY		0	PIT	900026000155385	
	0302	6	12618	Mountain whitefish	308			2	PIT	965000000072135	
	0302	6	12619	Mountain whitefish	367			2	PIT	965000000071875	
	0302	6	12620	Mountain whitefish	316			2	PIT	900026000147509	
	0302	6	12621	Mountain whitefish	334			2	PIT	965000000238996	
	0302	6	12622	Mountain whitefish	291			2	PIT	900026000056222	
	0302	6	12623	Rainbow trout	191			0			
	0302	6	12624	Mountain whitefish	314			2	PIT	965000000071956	
	0302	6	12625	Mountain whitefish	304			2	PIT	965000000110786	
	0302	6	12626	Mountain whitefish	374			2	PIT	0A00734413	
	0302	6	12627	Mountain whitefish	263			2	PIT	900026000056909	
	0302	6	12628	Mountain whitefish	279			2	PIT	965000000072223	
	0302	6	12629	Mountain whitefish	342			2	PIT	965000000281847	
	0302	6	12630	Mountain whitefish	289			2	PIT	965000000281021	
	0302	6	12631	Mountain whitefish	287			2	PIT	900026000052613	
	0302	6	12632	Mountain whitefish	314			2	PIT	965000000247435	
	0302	6	12633	Walleye	403	FIN RAY		0	PIT	900026000147242	
	0302	6	12634	Mountain whitefish	331			2	PIT	900026000148818	
	0302	6	12635	Mountain whitefish	338			2	PIT	965000000113057	
	0302	6	12636	Mountain whitefish	282			2	PIT	965000000281132	
	0302	6	12637	Mountain whitefish	337			2	PIT	965000000075849	
	0302	6	12638	Mountain whitefish	279			2	PIT	900026000051732	
	0302	6	12639	Mountain whitefish	270			2	PIT	965000000281219	
	0302	6	12640	Mountain whitefish	335			2	PIT	900026000064490	
	0302	6	12641	Mountain whitefish	281			2	PIT	965000000282435	
	0302	6	12642	Mountain whitefish	254			2	PIT	900026000084086	
	0302	6	12643	Mountain whitefish	303			2	PIT	965000000078334	
	0301	6	12644	Mountain whitefish	428			2	PIT	965000000243444	
	0301	6	12645	Mountain whitefish	300			2	PIT	965000000089776	
	0301	6	12646	Mountain whitefish	288			2	PIT	900026000061948	
	0301	6	12647	Mountain whitefish	266			2	PIT	900026000148718	
	0301	6	12648	Mountain whitefish	284			2	PIT	900026000148496	
	0301	6	12649	Mountain whitefish	270			2	PIT	900026000060408	
	0301	6	12650	Mountain whitefish	279			2	PIT	900026000054180	
	0301	6	12651	Arctic grayling	252	SCALES	2	0	PIT	900026000147018	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0301	6	12652	Mountain whitefish	299			2	PIT	900026000084118	
	0301	6	12653	Mountain whitefish	265			2	PIT	900026000083307	
	0301	6	12654	Mountain whitefish	351			2	PIT	965000000280692	
	0301	6	12655	Mountain whitefish	336			2	PIT	965000000070373	
	0301	6	12656	Rainbow trout	214			0			
	0301	6	12657	Rainbow trout	256			0			
	0301	6	12658	Mountain whitefish	306			2	PIT	965000000247812	
	0301	6	12659	Arctic grayling	225	SCALES	2	0			
	0301	6	12660	Mountain whitefish	280			2	PIT	900026000062096	
	0301	6	12661	Mountain whitefish	319			2	PIT	965000000067496	
	0301	6	12662	Mountain whitefish	268			2	PIT	965000000090856	
	0301	6	12663	Mountain whitefish	300			2	PIT	900026000034704	
	0301	6	12664	Mountain whitefish	289			2	PIT	965000000072395	
	0301	6	12665	Mountain whitefish	279			2	PIT	900026000055217	
	0301	6	12666	Mountain whitefish	280			2	PIT	900026000060895	
	0301	6	12667	Mountain whitefish	304			2	FLOY	10352YELLOW	
	0301	6	12668	Mountain whitefish	276			2	PIT	965000000071788	
	0301	6	12669	Mountain whitefish	279			2	PIT	900026000051732	
	0301	6	12670	Mountain whitefish	285			2	PIT	900026000148655	
	0301	6	12671	Mountain whitefish	276			2	PIT	900026000051868	
	0301	6	12672	Mountain whitefish	272			2	PIT	900026000065187	
	0301	6	12673	Mountain whitefish	278			2	PIT	900026000148058	
	0301	6	12674	Bull trout	257	FIN RAY	3	0			
	0301	6	12675	Rainbow trout	294			2	PIT	900026000084034	
	0301	6	12676	Bull trout	257	FS		0	PIT	900026000147904	
	0301	6	12677	Bull trout	384	FIN RAY	4	0	PIT	900026000147784	
	0301	6	12678	Bull trout	168	SCALES	2	0			
	0303	6	12679	Mountain whitefish	350			2	PIT	900026000084099	
	0303	6	12680	Mountain whitefish	364			2	PIT	900026000083638	
	0303	6	12681	Mountain whitefish	324			2	PIT	965000000071965	
	0303	6	12682	Mountain whitefish	312			2	PIT	900026000055961	
	0303	6	12683	Mountain whitefish	306			2	PIT	965000000281092	
	0303	6	12684	Mountain whitefish	305			2	PIT	900026000063444	
	0303	6	12685	Mountain whitefish	286			2	PIT	965000000089030	
	0303	6	12686	Mountain whitefish	278			2	PIT	900026000054015	
	0303	6	12687	Mountain whitefish	293			2	PIT	900026000083189	
	0303	6	12688	Mountain whitefish	372			2	PIT	965000000239765	
	0303	6	12689	Mountain whitefish	426			2	PIT	965000000069370	
	0303	6	12690	Mountain whitefish	297			2	PIT	965000000243679	
	0303	6	12691	Mountain whitefish	369			2	PIT	965000000070581	
	0303	6	12692	Mountain whitefish	351			2	PIT	965000000280692	
	0303	6	12693	Mountain whitefish	298			2	PIT	965000000090330	
	0303	6	12694	Mountain whitefish	303			2	PIT	900026000064907	
	0303	6	12695	Bull trout	277	FIN RAY	3	0	PIT	900026000147330	
	0304	6	12696	Mountain whitefish	327			2	PIT	965000000246114	
	0304	6	12697	Mountain whitefish	279			2	PIT	900026000065246	
	0304	6	12698	Mountain whitefish	342			2	PIT	965000000246955	
	0304	6	12699	Mountain whitefish	376			2	PIT	900026000148928	
	0304	6	12700	Mountain whitefish	318			2	PIT	965000000245952	
	0304	6	12701	Mountain whitefish	309			2	PIT	965000000245342	
	0304	6	12702	Mountain whitefish	335			2	PIT	900026000148773	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0304	6	12703	Mountain whitefish	388			2	FLOY	2988	YELLOW
	0304	6	12704	Mountain whitefish	288			2	PIT	900026000065236	
	0304	6	12705	Mountain whitefish	340			2	PIT	965000000245475	
	0304	6	12706	Mountain whitefish	374			2	PIT	965000000242787	
	0304	6	12707	Mountain whitefish	306			2	PIT	965000000244842	
	0304	6	12708	Mountain whitefish	264			2	PIT	965000000281516	
	0304	6	12709	Mountain whitefish	278			2	PIT	900026000061781	
	0304	6	12710	Mountain whitefish	312			2	PIT	900026000148105	
	0304	6	12711	Mountain whitefish	395			2	PIT	4D00033479	
	0304	6	12712	Mountain whitefish	281			2	PIT	900026000083625	
	0304	6	12713	Mountain whitefish	389			2	PIT	965000000246218	
	0304	6	12714	Mountain whitefish	292			2	PIT	900026000064822	
	0304	6	12715	Mountain whitefish	321			2	PIT	965000000244371	
	0304	6	12716	Mountain whitefish	278			2	PIT	900026000148035	
	0304	6	12717	Mountain whitefish	317			2	PIT	900026000148464	
	0304	6	12718	Mountain whitefish	271			2	PIT	900026000053901	
	0304	6	12719	Mountain whitefish	298			2	PIT	965000000281178	
	0304	6	12720	Mountain whitefish	301			2	PIT	900026000148440	
	0304	6	12721	Mountain whitefish	272			2	PIT	900026000148386	
	0304	6	12722	Mountain whitefish	260			2	PIT	900026000148222	
	0304	6	12723	Mountain whitefish	292			2	PIT	900026000064175	
	0304	6	12724	Mountain whitefish	281			2	PIT	900026000054247	
	0304	6	12725	Bull trout	348	FIN RAY	3	0	PIT	900026000147919	
	0305	6	12726	Kokanee	199			0			
	0305	6	12727	Bull trout	637	FIN RAY	7	0	PIT	900026000147563	
	0305	6	12728	Mountain whitefish	332			2	PIT	0A00744036	
	0305	6	12729	Mountain whitefish	314			2	PIT	900026000083351	
	0305	6	12730	Mountain whitefish	258			2	PIT	900026000083885	
	0305	6	12731	Mountain whitefish	280			2	PIT	900026000055307	
	0305	6	12732	Mountain whitefish	312			2	PIT	965000000247691	
	0305	6	12733	Mountain whitefish	345			2	FLOY	15659	WHITE
	0305	6	12734	Mountain whitefish	383			2	FLOY	10410	YELLOW
	0305	6	12735	Mountain whitefish	281			2	PIT	965000000084428	
	0305	6	12736	Mountain whitefish	305			2	PIT	965000000244842	
	0305	6	12737	Mountain whitefish	343			2	PIT	965000000088100	
	0305	6	12738	Mountain whitefish	296			2	PIT	965000000065714	
	0305	6	12739	Mountain whitefish	306			2	PIT	900026000065120	
	0305	6	12740	Mountain whitefish	311			2	PIT	965000000079720	
	0305	6	12741	Mountain whitefish	382			2	PIT	965000000077666	
	0305	6	12742	Mountain whitefish	341			2	PIT	900026000083702	
	0305	6	12743	Mountain whitefish	261			2	PIT	900026000083312	
	0305	6	12744	Mountain whitefish	307			2	PIT	965000000241919	
	0305	6	12745	Mountain whitefish	274			2	PIT	900026000083798	
	0305	6	12746	Mountain whitefish	313			2	PIT	965000000088803	
	0305	6	12747	Mountain whitefish	368			2	PIT	965000000282843	
	0305	6	12748	Mountain whitefish	307			2	PIT	900026000083863	
	0305	6	12749	Mountain whitefish	271			2	PIT	900026000054924	
	0305	6	12750	Mountain whitefish	364			2	PIT	965000000246620	
	0305	6	12751	Mountain whitefish	335			2	PIT	965000000091090	
	0305	6	12752	Mountain whitefish	342			2	PIT	965000000090185	
	0306	6	12753	Mountain whitefish	357			2	FLOY	16216	WHITE

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0306	6	12754	Mountain whitefish	364			2	PIT	0A00714123	
	0306	6	12755	Mountain whitefish	291			2	PIT	900026000054851	
	0306	6	12756	Mountain whitefish	312			2	PIT	900026000148745	
	0306	6	12757	Mountain whitefish	329			2	PIT	965000000085405	
	0306	6	12758	Mountain whitefish	272			2	PIT	900026000084072	
	0306	6	12759	Mountain whitefish	395			2	PIT	900026000148274	
	0306	6	12760	Mountain whitefish	307			2	PIT	900026000034622	
	0306	6	12761	Mountain whitefish	340			2	PIT	965000000084703	
	0306	6	12762	Mountain whitefish	296			2	PIT	900026000035423	
	0306	6	12763	Burbot	500			0	PIT	900026000147314	
	0306	6	12764	Arctic grayling	340		SCALES	3	0	PIT	900026000155484
	0306	6	12765	Bull trout	635		FIN RAY	7	0	PIT	900026000147698
	0314	6	12766	Walleye	452		FIN RAY	0	0	PIT	900026000147173
	0314	6	12767	Bull trout	594			8	2	PIT	965000000247444
	0314	6	12768	Bull trout	602		FIN RAY	9	0	PIT	900026000147774
	0314	6	12769	Mountain whitefish	282			2	PIT	900026000053480	
	0314	6	12770	Mountain whitefish	290			2	PIT	900026000054851	
	0314	6	12771	Mountain whitefish	358			2	PIT	900026000055610	
	0314	6	12772	Mountain whitefish	312			2	PIT	900026000034306	
	0314	6	12773	Mountain whitefish	330			2	PIT	4D00035873	
	0314	6	12774	Mountain whitefish	324			2	PIT	900026000054618	
	0314	6	12775	Mountain whitefish	296			2	PIT	965000000281097	
	0314	6	12776	Mountain whitefish	322			2	PIT	4D00025027	
	0314	6	12777	Mountain whitefish	311			2	PIT	900026000148745	
	0314	6	12778	Mountain whitefish	290			2	PIT	900026000054405	
	0314	6	12779	Mountain whitefish	303			2	PIT	965000000065331	
	0315	6	12780	Bull trout	638			2	PIT	900026000147563	
	0315	6	12781	Bull trout	577			7	2	PIT	900026000064095
	0315	6	12782	Mountain whitefish	280			2	PIT	900026000063407	
	0315	6	12783	Mountain whitefish	456			2	PIT	965000000243848	
	0315	6	12784	Mountain whitefish	272			2	PIT	900026000035264	
	0315	6	12785	Rainbow trout	364			0			
	0315	6	12786	Rainbow trout	337			0			
	0315	6	12787	Mountain whitefish	274			2	PIT	900026000147190	
	0315	6	12788	Mountain whitefish	364			2	PIT	900026000147363	
	0315	6	12789	Mountain whitefish	289			2	PIT	900026000054711	
	0315	6	12790	Mountain whitefish	263			2	PIT	900026000034679	
	0315	6	12791	Mountain whitefish	347			2	FLOY	2397YELLOW	
	0315	6	12792	Mountain whitefish	313			2	PIT	965000000109624	
	0315	6	12793	Mountain whitefish	283			2	PIT	900026000056466	
	0315	6	12794	Mountain whitefish	333			2	PIT	965000000245902	
	0315	6	12795	Mountain whitefish	335			2	PIT	965000000238795	
	0315	6	12796	Mountain whitefish	305			2	PIT	900026000061408	
	0315	6	12797	Mountain whitefish	368			2	PIT	965000000247719	
	0315	6	12798	Mountain whitefish	325			2	PIT	965000000242954	
	0315	6	12799	Mountain whitefish	255			2	PIT	900026000053554	
	0315	6	12800	Mountain whitefish	353			2	FLOY	9082YELLOW	
	0315	6	12801	Mountain whitefish	278			2	PIT	900026000065189	
	0315	6	12802	Mountain whitefish	280			2	PIT	900026000056010	
	0315	6	12803	Mountain whitefish	289			2	PIT	900026000084145	
	0315	6	12804	Mountain whitefish	282			2	PIT	965000000070830	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0315	6	12805	Mountain whitefish	294			2	PIT	965000000281716	
	0315	6	12806	Mountain whitefish	263			2	PIT	965000000007718	
	0315	6	12807	Mountain whitefish	357			2	PIT	965000000078460	
	0315	6	12808	Arctic grayling	279	SCALES	2	0	PIT	900026000147973	
	0315	6	12809	Arctic grayling	276	SCALES	2	0	PIT	900026000147951	
	0315	6	12810	Bull trout	185	SCALES	2	0			
	0315	6	12811	Bull trout	238	FS	3	0	PIT	900026000147908	
	0307	6	12812	Mountain whitefish	330			2	PIT	900026000054612	
	0307	6	12813	Mountain whitefish	265			2	PIT	900026000035181	
	0307	6	12814	Mountain whitefish	338			2	PIT	965000000091221	
	0307	6	12815	Mountain whitefish	272			2	PIT	965000000114196	
	0307	6	12816	Mountain whitefish	334			2	PIT	965000000245718	
	0307	6	12817	Mountain whitefish	347			2	PIT	0A00732413	
	0307	6	12818	Mountain whitefish	304			2	PIT	965000000282541	
	0307	6	12819	Mountain whitefish	282			2	PIT	900026000063657	
	0307	6	12820	Mountain whitefish	304			2	PIT	965000000243052	
	0307	6	12821	Mountain whitefish	300			2	PIT	965000000078097	
	0307	6	12822	Mountain whitefish	342			2	PIT	900026000064129	
	0307	6	12823	Mountain whitefish	310			2	PIT	965000000243917	
	0307	6	12824	Mountain whitefish	278			2	PIT	900026000055478	
	0307	6	12825	Mountain whitefish	305			2	PIT	900026000054187	
	0316	6	12826	Mountain whitefish	360			2	PIT	965000000242522	
	0316	6	12827	Mountain whitefish	312			2	PIT	965000000243842	
	0316	6	12828	Mountain whitefish	310			2	PIT	0A00705249	
	0316	6	12829	Arctic grayling	204	SCALES	1	0			
	0316	6	12830	Mountain whitefish	324			2	PIT	900026000054479	
	0316	6	12831	Rainbow trout	373			0			
	0316	6	12832	Mountain whitefish	308			2	PIT	900026000147098	
	0316	6	12833	Rainbow trout	300			2	PIT	900026000052443	
	0316	6	12834	Rainbow trout	288			2	PIT	900026000051220	
	0316	6	12835	Mountain whitefish	305			2	PIT	965000000281059	
	0316	6	12836	Mountain whitefish	310			2	FLOY	13689	WHITE
	0316	6	12837	Mountain whitefish	300			2	PIT	965000000247344	
	0316	6	12838	Mountain whitefish	320			2	PIT	965000000240252	
	0316	6	12839	Mountain whitefish	322			2	PIT	4D00025551	
	0316	6	12840	Mountain whitefish	273			2	PIT	900026000051309	
	0316	6	12841	Mountain whitefish	290			2	PIT	900026000055997	
	0316	6	12842	Mountain whitefish	269			2	PIT	900026000060723	
	0316	6	12843	Mountain whitefish	280			2	PIT	900026000034790	
	0316	6	12844	Mountain whitefish	260			2	PIT	965000000113014	
	0316	6	12845	Mountain whitefish	295			2	PIT	965000000241747	
	0316	6	12846	Mountain whitefish	284			2	PIT	900026000053347	
	0316	6	12847	Bull trout	295	FIN RAY	4	0	PIT	900026000147521	
	0316	6	12848	Bull trout	318			2	PIT	900026000083836	
	0316	6	12849	Bull trout	645	FIN RAY	7	0	PIT	900026000051782	
	0308	6	12850	Mountain whitefish	353			2	PIT	900026000055166	
	0308	6	12851	Mountain whitefish	269			2	PIT	900026000035270	
	0308	6	12852	Mountain whitefish	390			2	PIT	0A00735057	
	0308	6	12853	Mountain whitefish	346			2	PIT	965000000245428	
	0308	6	12854	Mountain whitefish	275			2	PIT	900026000083949	
	0308	6	12855	Mountain whitefish	340			2	PIT	900026000083940	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0308	6	12856	Mountain whitefish	354			2	PIT	900026000053801	
	0308	6	12857	Mountain whitefish	275			2	PIT	965000000083499	
	0308	6	12858	Mountain whitefish	265			2	PIT	900026000083791	
	0308	6	12859	Mountain whitefish	275			2	PIT	900026000055842	
	0308	6	12860	Mountain whitefish	281			2	PIT	900026000083992	
	0308	6	12861	Mountain whitefish	282			2	PIT	965000000072364	
	0308	6	12862	Mountain whitefish	438			2	PIT	965000000105267	
	0308	6	12863	Mountain whitefish	255			2	PIT	900026000148249	
	0308	6	12864	Mountain whitefish	256			2	PIT	900026000148040	
	0308	6	12865	Mountain whitefish	297			2	PIT	900026000084049	
	0308	6	12866	Mountain whitefish	278			2	PIT	900026000051435	
	0308	6	12867	Mountain whitefish	310			2	PIT	965000000281448	
	0308	6	12868	Mountain whitefish	272			2	PIT	965000000105929	
	0308	6	12869	Mountain whitefish	257	SO		9			
	0311	6	12870	Mountain whitefish	444			2	FLOY		6160YELLOW
	0311	6	12871	Mountain whitefish	326			2	PIT	900026000084010	
	0311	6	12872	Mountain whitefish	297			2	PIT	900026000063978	
	0311	6	12873	Mountain whitefish	340			2	PIT	965000000244073	
	0311	6	12874	Mountain whitefish	323			2	PIT	900026000055171	
	0311	6	12875	Mountain whitefish	336			2	PIT	965000000106300	
	0311	6	12876	Mountain whitefish	270			2	PIT	900026000060549	
	0311	6	12877	Mountain whitefish	267			2	PIT	900026000054051	
	0311	6	12878	Mountain whitefish	346			2	PIT	965000000085722	
	0311	6	12879	Mountain whitefish	319			2	PIT	900026000052719	
	0311	6	12880	Mountain whitefish	276			2	PIT	900026000054906	
	0311	6	12881	Mountain whitefish	283			2	PIT	900026000155492	
	0311	6	12882	Mountain whitefish	299			2	PIT	900026000083565	
	0311	6	12883	Mountain whitefish	281			2	PIT	965000000113738	
	0311	6	12884	Mountain whitefish	258			2	PIT	965000000281305	
	0311	6	12885	Mountain whitefish	300			2	PIT	900026000061323	
	0311	6	12886	Mountain whitefish	339			2	PIT	965000000243128	
	0311	6	12887	Mountain whitefish	281			2	PIT	900026000148782	
	0311	6	12888	Mountain whitefish	298			2	PIT	900026000083746	
	0311	6	12889	Bull trout	292	FIN RAY	4	0	PIT	900026000147203	
	0311	6	12890	Bull trout	503	FIN RAY	6	0	PIT	900026000147972	
	0311	6	12891	Bull trout	293	FIN RAY	3	2	PIT	900026000060776	
	0311	6	12892	Bull trout	599	FIN RAY	5	0	PIT	900026000147846	
	0309	6	12893	Walleye	486	FIN RAY		0	PIT	900026000053773	
	0309	6	12894	Mountain whitefish	327			2	PIT	0A00711946	
	0309	6	12895	Mountain whitefish	340			2	PIT	965000000106300	
	0309	6	12896	Mountain whitefish	276			2	PIT	965000000087862	
	0310	6	12897	Mountain whitefish	279			2	PIT	900026000148677	
	0310	6	12898	Mountain whitefish	289			2	PIT	900026000055340	
	0310	6	12899	Rainbow trout	234			0			
	0310	6	12900	Mountain whitefish	297			2	PIT	965000000243503	
	0310	6	12901	Mountain whitefish	295			2	PIT	900026000052204	
	0310	6	12902	Mountain whitefish	276			2	PIT	900026000051896	
	0310	6	12903	Rainbow trout	212			0			
	0310	6	12904	Mountain whitefish	272			2	PIT	965000000072569	
	0310	6	12905	Mountain whitefish	309			2	PIT	965000000071680	
	0310	6	12906	Bull trout	224	FS	4	0	PIT	900026000083385	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
3											
	0312	6	12907	Walleye	410	FIN RAY		0	PIT	900026000083545	
	0312	6	12908	Mountain whitefish	288			2	PIT	900026000083875	
	0312	6	12909	Bull trout	515	FIN RAY	5	0	PIT	900026000083675	
	0312	6	12910	Mountain whitefish	271			2	PIT	965000000065702	
	0312	6	12911	Mountain whitefish	404			2	PIT	900026000053613	
	0312	6	12912	Mountain whitefish	401			2	PIT	900026000052426	
	0312	6	12913	Mountain whitefish	310			2	PIT	965000000245578	
	0312	6	12914	Mountain whitefish	322			2	PIT	965000000067341	
	0312	6	12915	Mountain whitefish	293			2	PIT	900026000083817	
	0312	6	12916	Mountain whitefish	290			2	PIT	965000000282875	
	0312	6	12917	Mountain whitefish	273			2	PIT	900026000083918	
	0312	6	12918	Mountain whitefish	286			2	PIT	965000000085974	
	0312	6	12919	Mountain whitefish	267			2	PIT	900026000054310	
	0312	6	12920	Mountain whitefish	360			2	PIT	965000000245183	
	0312	6	12921	Mountain whitefish	349			2	PIT	900026000061208	
	0312	6	12922	Mountain whitefish	282			2	PIT	900026000053602	
	0312	6	12923	Mountain whitefish	273			2	PIT	900026000053981	
	0312	6	12924	Rainbow trout	289			2	PIT	900026000051220	
	0312	6	12925	Mountain whitefish	270			2	PIT	900026000051896	
	0312	6	12926	Mountain whitefish	264			2	PIT	900026000060743	
	0312	6	12927	Bull trout	272	FIN RAY	3	0	PIT	900026000148246	
5											
	0503	1	1832	Arctic grayling	333	472	SCALES	3	0	PIT	900026000052306
	0503	1	1833	Bull trout	255	192	FIN RAY	3	0	PIT	900026000051491
	0503	1	1834	Longnose sucker	390	668			0		
	0503	1	1835	Longnose sucker	381	768			0		
	0503	1	1836	Longnose sucker	383	706			0		
	0503	1	1837	Longnose sucker	394	712			0		
	0503	1	1838	Longnose sucker	380	610			0		
	0503	1	1839	Longnose sucker	361	644			0		
	0503	1	1840	Longnose sucker	402	728			0		
	0503	1	1841	Longnose sucker	380	700			0		
	0503	1	1842	Mountain whitefish	247	154	SCALES		0		
	0503	1	1843	Mountain whitefish	322	358	SCALES		0	PIT	900026000062008
	0503	1	1844	Mountain whitefish	279	240	SCALES		0	PIT	900026000063267
	0503	1	1845	Mountain whitefish	368	408	SCALES		0	PIT	900026000052546
	0503	1	1846	Mountain whitefish	277	216	SCALES		0	PIT	900026000051876
	0503	1	1847	Mountain whitefish	286	268	SCALES	4	0	PIT	900026000056351
	0503	1	1848	Mountain whitefish	276	248	SCALES		0	PIT	900026000051787
	0503	1	1849	Mountain whitefish	276	234	SCALES		0	PIT	900026000057209
	0503	1	1850	Mountain whitefish	250	176	SCALES		0	PIT	900026000055672
	0503	1	1851	Mountain whitefish	292	256	SCALES		0	PIT	900026000052380
	0503	1	1852	Mountain whitefish	293	244	SCALES		0	PIT	900026000051271
	0503	1	1853	Mountain whitefish	272	206	SCALES		0	PIT	900026000052081
	0503	1	1854	Mountain whitefish	366	444	SCALES		0	PIT	900026000035187
	0503	1	1855	Mountain whitefish	281	224	SCALES		0	PIT	900026000055992
	0503	1	1856	Mountain whitefish	283	236	SCALES		0	PIT	900026000051209
	0503	1	1857	Mountain whitefish	231	136	SCALES		0		
	0503	1	1858	Mountain whitefish	287	258	SCALES		0	PIT	900026000052364
	0503	1	1859	Mountain whitefish	300	254	SCALES		2	PIT	965000000247451
	0503	1	1860	Mountain whitefish	287	256	SCALES		2	PIT	965000000071733
	0503	1	1861	Mountain whitefish	291	242	SCALES		2	PIT	965000000069310

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0503	1	1862	Mountain whitefish	247	192	SCALES	0			
	0503	1	1863	Mountain whitefish	303	272	SCALES	0	PIT	900026000055631	
	0503	1	1864	Mountain whitefish	315	278	SCALES	0	PIT	900026000056667	
	0503	1	1865	Mountain whitefish	151	44	SCALES	0			
	0503	1	1866	Mountain whitefish	245	170	SCALES	0			
	0503	1	1867	Mountain whitefish	319	304	SCALES	2	PIT	965000000068588	
	0503	1	1868	Mountain whitefish	280	234	SCALES	0	PIT	900026000034977	
	0503	1	1869	Mountain whitefish	314	320	SCALES	0	PIT	900026000055663	
	0503	1	1870	Mountain whitefish	284	242	SCALES	0	PIT	900026000055597	
	0503	1	1871	Mountain whitefish	273	214	SCALES	0	PIT	900026000053899	
	0501	1	1872	Longnose sucker	260	28		0			
	0501	1	1873	Longnose sucker	257	222		0			
	0501	1	1874	Longnose sucker	257	192		0			
	0501	1	1875	Longnose sucker	193	80		0			
	0501	1	1876	Largescale sucker	501	1320		0			
	0501	1	1877	Longnose sucker	273	274		0			
	0501	1	1878	Longnose sucker	381	714		0			
	0501	1	1879	Longnose sucker	261	226		0			
	0501	1	1880	Longnose sucker	275	276		0			
	0501	1	1881	Longnose sucker	229	152		0			
	0501	1	1882	Longnose sucker	374	696		0			
	0501	1	1883	Longnose sucker	312	400		0			
	0501	1	1884	Longnose sucker	265	220		0			
	0501	1	1885	Largescale sucker	187	82		0			
	0501	1	1886	Longnose sucker	198	106		0			
	0501	1	1887	Longnose sucker	250	192		0			
	0501	1	1888	Longnose sucker	200	100		0			
	0501	1	1889	Longnose sucker	245	220		0			
	0501	1	1890	Mountain whitefish	258	208	SCALES	0	PIT	900026000051929	
	0501	1	1891	Mountain whitefish	337	346	SCALES	0	PIT	900026000055527	
	0501	1	1892	Lake whitefish	449	1004	SCALES	0			
	0501	1	1893	Mountain whitefish	415	578	SCALES	0	PIT	900026000053737	
	0501	1	1894	Bull trout	403	624	FIN RAY	4	0	PIT	900026000051949
	0501	1	1895	Bull trout	359	428	FIN RAY	5	0	PIT	900026000061066
	0501	1	1896	Mountain whitefish	413	652	SCALES	0	PIT	900026000051624	
	0501	1	1897	Mountain whitefish	410	638	SCALES	5	PIT	900026000051151	
	0501	1	1898	Longnose sucker	216	134		0			
	0501	1	1899	Longnose sucker	274	282		0			
	0501	1	1900	Mountain whitefish	367	464	SCALES	2	PIT	965000000088418	
	0501	1	1901	Mountain whitefish	422	712	SCALES	2	PIT	965000000093113	
	0501	1	1902	Longnose sucker	258	222		0			
	0501	1	1903	Mountain whitefish	153	40	SCALES	0			
	0501	1	1904	Mountain whitefish	295	312	SCALES	0	PIT	900026000056566	
	0501	1	1905	Mountain whitefish	266	190	SCALES	0	PIT	900026000051228	
	0501	1	1906	Mountain whitefish	260	236	SCALES	0	PIT	900026000057130	
	0501	1	1907	Mountain whitefish	225	116	SCALES	0			
	0501	1	1908	Mountain whitefish	254	172	SCALES	5	0	PIT	900026000056067
	0501	1	1909	Longnose sucker	217	130		0			
	0501	1	1910	Longnose sucker	220	142		0			
	0501	1	1911	Longnose sucker	243	184		0			
	0501	1	1912	Mountain whitefish	286	220	SCALES	0	PIT	900026000053295	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
0501	1	1913	Mountain whitefish	324	344	SCALES		2	FLOY	13814	WHITE
0501	1	1914	Kokanee	192	68			0			
0504	1	1915	Largescale sucker	467	1360			0			
0504	1	1916	Longnose sucker	416	950			0			
0504	1	1917	Mountain whitefish	379	552	SCALES		2	PIT	965000000246763	
0504	1	1918	Mountain whitefish	287	244	SCALES		0	PIT	900026000035435	
0504	1	1919	Mountain whitefish	322	430	SCALES		0	PIT	900026000051794	
0504	1	1920	Mountain whitefish	403	538	SCALES		2	PIT	4D00027703	
0504	1	1921	Mountain whitefish	363	420	SCALES		0	PIT	900026000056367	
0504	1	1922	Mountain whitefish	277	246	SCALES		0	PIT	900026000033453	
0504	1	1923	Mountain whitefish	253	162	SCALES		0	PIT	900026000055407	
0504	1	1924	Mountain whitefish	347	358	SCALES		2	PIT	965000000246489	
0504	1	1925	Mountain whitefish	294	226	SCALES		0	PIT	900026000053258	
0504	1	1926	Mountain whitefish	291	302	SCALES	4	0	PIT	900026000055349	
0504	1	1927	Mountain whitefish	230	124	SCALES		0			
0504	1	1928	Mountain whitefish	276	212	SCALES		0	PIT	900026000052217	
0504	1	1929	Mountain whitefish	236	144	SCALES		0			
0504	1	1930	Mountain whitefish	270	220	SCALES		2	PIT	900026000060762	
0504	1	1931	Mountain whitefish	373	440	SCALES		2	PIT	965000000247303	
0504	1	1932	Mountain whitefish	343	336	SCALES		2	PIT	965000000244622	
0504	1	1933	Mountain whitefish	364	416	SCALES		2	PIT	965000000072665	
0504	1	1934	Mountain whitefish	284	224	SCALES		2	PIT	900026000051347	
0504	1	1935	Mountain whitefish	293	260	SCALES		0	PIT	900026000051870	
0504	1	1936	Mountain whitefish	268	200	SCALES		0	PIT	900026000055392	
0504	1	1937	Mountain whitefish	340	312	SCALES		0	PIT	900026000035254	
0504	1	1938	Mountain whitefish	190	80	SCALES		0			
0504	1	1939	Mountain whitefish	303	278	SCALES		0	PIT	900026000055995	
0504	1	1940	Mountain whitefish	252	154	SCALES		0	PIT	900026000055376	
0504	1	1941	Mountain whitefish	267	218	SCALES		0	PIT	900026000051514	
0504	1	1942	Mountain whitefish	252	166	SCALES		0	PIT	900026000053516	
0504	1	1943	Mountain whitefish	267	208	SCALES		0	PIT	900026000053790	
0504	1	1944	Mountain whitefish	269	216	SCALES		0	PIT	900026000035279	
0504	1	1945	Mountain whitefish	381	464	SCALES		2	PIT	965000000008567	
0504	1	1946	Mountain whitefish	377		SCALES		0	PIT	900026000053748	
0504	1	1947	Mountain whitefish	248	174	SCALES		0			
0504	1	1948	Mountain whitefish	224	112	SCALES		0			
0504	1	1949	Mountain whitefish	262	192	SCALES		2	PIT	999999999999999	
0504	1	1950	Mountain whitefish	299	260	SCALES		0	PIT	900026000052046	
0504	1	1951	Mountain whitefish	278	226	SCALES		0	PIT	900026000051442	
0504	1	1952	Mountain whitefish	292	272	SCALES		2	PIT	965000000071395	
0502	1	1953	Longnose sucker	382	544			0			
0502	1	1954	Longnose sucker	416	794			0			
0502	1	1955	Longnose sucker	379	706			0			
0502	1	1956	Largescale sucker	454	1148			0			
0502	1	1957	Longnose sucker	376	724			0			
0502	1	1958	Longnose sucker	291	308			0			
0502	1	1959	Longnose sucker	385	656			0			
0502	1	1960	Longnose sucker	388	812			0			
0502	1	1961	Longnose sucker	200	106			0			
0502	1	1962	Longnose sucker	382	744			0			
0502	1	1963	White sucker	397	758			0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
0502	1	1964	Northern pikeminnow	319	332			0			
0502	1	1965	Longnose sucker	232	176			0			
0502	1	1966	Longnose sucker	366	622			0			
0502	1	1967	Longnose sucker	273	264			0			
0502	1	1968	Longnose sucker	294	312			0			
0502	1	1969	Longnose sucker	282	294			0			
0502	1	1970	Largescale sucker	192				0			
0502	1	1971	Mountain whitefish	346	346	SCALES		2	PIT	96500000244622	
0502	1	1972	Mountain whitefish	381	482	SCALES		2	PIT	96500000008567	
0502	1	1973	Mountain whitefish	305	292	SCALES		0	PIT	900026000063401	
0502	1	1974	Mountain whitefish	268	234	SCALES		0	PIT	900026000035072	
0502	1	1975	Mountain whitefish	319	324	SCALES		0	PIT	900026000055881	
0502	1	1976	Mountain whitefish	346	468	SCALES		0	PIT	900026000055951	
0502	1	1977	Mountain whitefish	385	470	SCALES		2	PIT	965000000085843	
0502	1	1978	Mountain whitefish	295	232	SCALES		2	PIT	900026000053258	
0502	1	1979	Mountain whitefish	311	364	SCALES		0	PIT	900026000057468	
0502	1	1980	Mountain whitefish	379	560	SCALES		2	PIT	965000000246763	
0502	1	1981	Mountain whitefish	293	268	SCALES		2	PIT	900026000051870	
0502	1	1982	Rainbow trout	246	186	SCALES		0			
0502	1	1983	Mountain whitefish	257	242	SCALES		2	PIT	900026000057130	
0502	1	1984	Mountain whitefish	184	64	SCALES		0			
0502	1	1985	Mountain whitefish	252	174	SCALES		0	PIT	900026000055333	
0502	1	1986	Mountain whitefish	312	312	SCALES	6	2	PIT	965000000245562	
0502	1	1987	Mountain whitefish	427	844	SCALES		0	PIT	900026000052619	
0502	1	1988	Mountain whitefish	288	226	SCALES		2	PIT	900026000065461	
0502	1	1989	Northern pikeminnow	213	110			0			
0502	1	1990	Mountain whitefish	192	76	SCALES	2	0			
0502	1	1991	Mountain whitefish	284	256	SCALES		2	PIT	900026000035435	
0502	1	1992	Mountain whitefish	198	82	SCALES		0			
0502	1	1993	Mountain whitefish	339	368	SCALES		0	PIT	900026000055854	
0502	1	1994	Longnose sucker	168	70			0			
0502	1	1995	Mountain whitefish	272	218	SCALES		0	PIT	900026000055642	
0502	1	1996	Mountain whitefish	277	206	SCALES		2	PIT	900026000064327	
0502	1	1997	Mountain whitefish	274	228	SCALES		0	PIT	900026000053908	
0502	1	1998	Mountain whitefish	240	138	SCALES		0			
0502	1	1999	Bull trout	321	380	FIN RAY	4	0	PIT	900026000054025	
0505	1	2000	Rainbow trout	459	1076	SCALES		0	PIT	900026000053161	
0505	1	2001	Longnose sucker	408	782			0			
0505	1	2002	Longnose sucker	414	864			0			
0505	1	2003	Largescale sucker	457	1328			0			
0505	1	2004	Longnose sucker	352	582			0			
0505	1	2005	Longnose sucker	372	624			0			
0505	1	2006	Longnose sucker	365	668			0			
0505	1	2007	Longnose sucker	383	746			0			
0505	1	2008	Longnose sucker	428	938			0			
0505	1	2009	Longnose sucker	365	638			0			
0505	1	2010	Longnose sucker	394	838			0			
0505	1	2011	Longnose sucker	361	602			0			
0505	1	2012	Longnose sucker	381	736			0			
0505	1	2013	Longnose sucker	376	688			0			
0505	1	2014	Longnose sucker	391	758			0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0505	1	2015	Longnose sucker	352			0			
	0505	1	2016	Longnose sucker	354			0			
	0505	1	2017	Longnose sucker	289			0			
	0505	1	2018	Longnose sucker	298			0			
	0505	1	2019	Mountain whitefish	460	SCALES		0	PIT	900026000055184	
	0505	1	2020	Mountain whitefish	422	SCALES		0	PIT	900026000051997	
	0505	1	2021	Mountain whitefish	340	SCALES		2	PIT	965000000092838	
	0505	1	2022	Mountain whitefish	322	SCALES		0	PIT	900026000052419	
	0505	1	2023	Mountain whitefish	268	SCALES		0	PIT	900026000052166	
	0505	1	2024	Bull trout	299	FIN RAY	4	0	PIT	900026000063265	
	0505	1	2025	Mountain whitefish	410	SCALES		0	PIT	900026000035147	
	0505	1	2026	Mountain whitefish	319	SCALES		0	PIT	900026000053860	
	0505	1	2027	Longnose sucker	285			0			
	0505	1	2028	Mountain whitefish	306	SCALES		0	PIT	900026000052176	
	0505	1	2029	Mountain whitefish	365	SCALES		0	PIT	900026000055919	
	0505	1	2030	Mountain whitefish	287	SCALES		0	PIT	900026000055219	
	0505	1	2031	Mountain whitefish	264	SCALES		0	PIT	900026000055433	
	0505	1	2032	Mountain whitefish	274	SCALES		0	PIT	900026000053464	
	0505	1	2033	Mountain whitefish	220	SCALES		0			
	0505	1	2034	Mountain whitefish	315	SCALES		2	PIT	965000000089931	
	0505	1	2035	Mountain whitefish	305	SCALES		0	PIT	900026000055539	
	0505	1	2036	Mountain whitefish	264	SCALES		0	PIT	900026000033436	
	0505	1	2037	Mountain whitefish	253	SCALES		0	PIT	900026000053944	
	0505	1	2038	Mountain whitefish	295	SCALES		0	PIT	900026000056164	
	0505	1	2039	Mountain whitefish	255	SCALES		0	PIT	900026000055796	
	0505	1	2040	Mountain whitefish	277	SCALES		2	PIT	965000000069003	
	0505	1	2041	Mountain whitefish	308	SCALES		0	PIT	900026000053661	
	0505	1	2042	Mountain whitefish	224	SCALES		0			
	0505	1	2043	Mountain whitefish	238	SCALES		0			
	0505	1	2044	Mountain whitefish	287	SCALES		0	PIT	900026000055867	
	0505	1	2045	Mountain whitefish	228	SCALES		0			
	0505	1	2046	Mountain whitefish	191	SCALES		0			
	0505	1	2047	Mountain whitefish	274	SCALES		2	PIT	900026000061073	
	0505	1	2048	Mountain whitefish	284	SCALES		0	PIT	900026000055764	
	0505	1	2049	Mountain whitefish	337	SCALES		2	PIT	965000000089343	
	0505	1	2050	Bull trout	266	FIN RAY	3	0	PIT	900026000056857	
	0506	1	2051	Arctic grayling	362	SCALES	4	0	PIT	900026000055837	
	0506	1	2052	Longnose sucker	395			0			
	0506	1	2053	Longnose sucker	350			0			
	0506	1	2054	Largescale sucker	411			0			
	0506	1	2055	Longnose sucker	362			0			
	0506	1	2056	Longnose sucker	376			0			
	0506	1	2057	Longnose sucker	364			0			
	0506	1	2058	Longnose sucker	413			0			
	0506	1	2059	Longnose sucker	386			0			
	0506	1	2060	Longnose sucker	391			0			
	0506	1	2061	White sucker	380			0			
	0506	1	2062	Longnose sucker	370			0			
	0506	1	2063	Longnose sucker	349			0			
	0506	1	2064	Longnose sucker	372			0			
	0506	1	2065	Longnose sucker	367			0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0506	1	2066	Longnose sucker	327			0			
	0506	1	2067	Longnose sucker	385			0			
	0506	1	2068	Longnose sucker	374			0			
	0506	1	2069	Longnose sucker	357			0			
	0506	1	2070	Longnose sucker	387			0			
	0506	1	2071	Longnose sucker	375			0			
	0506	1	2072	Longnose sucker	382			0			
	0506	1	2073	Largescale sucker	342			0			
	0506	1	2074	Longnose sucker	415			0			
	0506	1	2075	Largescale sucker	552			0			
	0506	1	2076	Largescale sucker	536			2	PIT	96500000089447	
	0506	1	2077	Longnose sucker	400			0			
	0506	1	2078	Longnose sucker	295			0			
	0506	1	2079	Longnose sucker	353			0			
	0506	1	2080	Longnose sucker	409			0			
	0506	1	2081	Mountain whitefish	284	238	SCALES	0	PIT	900026000055574	
	0506	1	2082	Mountain whitefish	324	298	SCALES	2	PIT	965000000001906	
	0506	1	2083	Mountain whitefish	248	174	SCALES	0			
	0506	1	2084	Mountain whitefish	258	198	SCALES	0	PIT	900026000052817	
	0506	1	2085	Mountain whitefish	385	358	SCALES	0			
	0506	1	2086	Mountain whitefish	200	90	SCALES	0			
	0507	1	2087	Longnose sucker	407			0			
	0507	1	2088	Longnose sucker	418	824		2	PIT	965000000078526	
	0507	1	2089	Longnose sucker	388	654		0			
	0507	1	2090	Longnose sucker	389	752		0			
	0507	1	2091	Longnose sucker	373	660		0			
	0507	1	2092	Longnose sucker	395	784		0			
	0507	1	2093	Longnose sucker	372	624		0			
	0507	1	2094	Longnose sucker	405	696		0			
	0507	1	2095	Mountain whitefish	389	516	SCALES	7	0	PIT	900026000055708
	0507	1	2096	Mountain whitefish	257	180	SCALES	0	PIT	900026000034673	
	0507	1	2097	Mountain whitefish	282	234	SCALES	0	PIT	900026000055298	
	0507	1	2098	Mountain whitefish	358	492	SCALES	2	PIT	965000000090782	
	0507	1	2099	Mountain whitefish	347	346	SCALES	2	PIT	0A00725820	
	0507	1	2100	Mountain whitefish	392	470	SCALES	0	PIT	900026000035239	
	0507	1	2101	Mountain whitefish	261	198	SCALES	0	PIT	900026000056084	
	0507	1	2102	Mountain whitefish	270	208	SCALES	0	PIT	900026000055425	
	0507	1	2103	Mountain whitefish	314	294	SCALES	2	PIT	965000000071460	
	0507	1	2104	Mountain whitefish	341	374	SCALES	2	PIT	965000000088912	
	0507	1	2105	Mountain whitefish	277	264	SCALES	0	PIT	900026000052026	
	0507	1	2106	Mountain whitefish	397	518	SCALES	2	PIT	965000000069368	
	0507	1	2107	Mountain whitefish	264	186	SCALES	0	PIT	900026000055274	
	0507	1	2108	Mountain whitefish	400	602	SCALES	0	PIT	900026000053808	
	0507	1	2109	Mountain whitefish	242	166	SCALES	4	0		
	0507	1	2110	Mountain whitefish	282	244	SCALES	0	PIT	900026000055443	
	0507	1	2111	Mountain whitefish	379	460	SCALES	0	PIT	900026000053767	
	0507	1	2112	Mountain whitefish	233	138	SCALES	0			
	0507	1	2113	Mountain whitefish	291	240	SCALES	2	PIT	900026000035272	
	0507	1	2114	Mountain whitefish	315	392	SCALES	5	2	PIT	965000000086585
	0507	1	2115	Mountain whitefish	298	238	SCALES	2	PIT	965000000071064	
	0507	1	2116	Mountain whitefish	289	244	SCALES	4	2	PIT	965000000089464

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0507	1	2117	Mountain whitefish	263	172	SCALES	0	PIT	900026000035574	
	0507	1	2118	Mountain whitefish	347	410	SCALES		2	PIT	965000000246577
	0507	1	2119	Mountain whitefish	265	196	SCALES	4	0	PIT	900026000052180
	0507	1	2120	Mountain whitefish	199	84	SCALES		0		
	0507	1	2121	Mountain whitefish	280	220	SCALES		0	PIT	900026000057007
	0508	1	2122	Longnose sucker	414	906			0		
	0508	1	2123	Longnose sucker	438	934			0		
	0508	1	2124	Longnose sucker	381	800			0		
	0508	1	2125	Longnose sucker	437	974			0		
	0508	1	2126	Longnose sucker	374	696			0		
	0508	1	2127	Longnose sucker	388	736			0		
	0508	1	2128	Longnose sucker	385	736			0		
	0508	1	2129	Longnose sucker	372	706			0		
	0508	1	2130	Longnose sucker	404	760			0		
	0508	1	2131	Longnose sucker	366	590			0		
	0508	1	2132	Longnose sucker	401	824			0		
	0508	1	2133	Longnose sucker	385	702			0		
	0508	1	2134	Mountain whitefish	293	250	SCALES		0	PIT	900026000055273
	0508	1	2135	Mountain whitefish	273	236	SCALES		0	PIT	900026000054095
	0508	1	2136	Mountain whitefish	397	550	SCALES		2	PIT	965000000069887
	0508	1	2137	Mountain whitefish	319	290	SCALES		2	PIT	965000000068943
	0508	1	2138	Mountain whitefish	392	544	SCALES		2	PIT	965000000245463
	0508	1	2139	Mountain whitefish	406	622	SCALES		2	PIT	900026000054635
	0508	1	2140	Mountain whitefish	404	670	SCALES		0	PIT	900026000057137
	0508	1	2141	Mountain whitefish	372	400	SCALES		0	PIT	900026000055940
	0508	1	2142	Mountain whitefish	251	176	SCALES		0	PIT	900026000055638
	0508	1	2143	Mountain whitefish	288	240	SCALES		0	PIT	900026000052266
	0508	1	2144	Mountain whitefish	444	742	SCALES		0	PIT	900026000033549
	0508	1	2145	Mountain whitefish	297	270	SCALES		0	PIT	900026000052063
	0508	1	2146	Mountain whitefish	395	522	SCALES		0	PIT	900026000055664
	0508	1	2147	Mountain whitefish	274	198	SCALES		0	PIT	900026000056098
	0508	1	2148	Mountain whitefish	253	172	SCALES		0	PIT	900026000060669
	0508	1	2149	Mountain whitefish	277	248	SCALES		0	PIT	900026000055629
	0508	1	2150	Mountain whitefish	229	142	SCALES		0		
	0508	1	2151	Mountain whitefish	274	218	SCALES		0	PIT	900026000051356
	0508	1	2152	Mountain whitefish	216	104	SCALES		0		
	0508	1	2153	Mountain whitefish	245	152	SCALES		0		
	0508	1	2154	Mountain whitefish	194	86	SCALES		0		
	0508	1	2155	Mountain whitefish	312	262	SCALES		0	PIT	900026000055505
	0508	1	2156	Mountain whitefish	350	378	SCALES		2	PIT	0A00744342
	0508	1	2157	Mountain whitefish	304	312	SCALES		5	PIT	900026000053760
	0508	1	2158	Mountain whitefish	282	204	SCALES		0	PIT	900026000052658
	0508	1	2159	Mountain whitefish	264	192	SCALES		0	PIT	900026000034841
	0508	1	2160	Mountain whitefish	280	232	SCALES		0	PIT	900026000051792
	0508	1	2161	Mountain whitefish	200	80	SCALES		0		
	0508	1	2162	Mountain whitefish	257	208	SCALES	3	0	PIT	900026000034803
	0508	1	2163	Mountain whitefish	290	252	SCALES		0	PIT	900026000055306
	0508	1	2164	Mountain whitefish	210	106	SCALES		0		
	0508	1	2165	Mountain whitefish	287	240	SCALES		2	PIT	965000000087538
	0508	1	2166	Mountain whitefish	253	168	SCALES		0	PIT	900026000055911
	0508	1	2167	Mountain whitefish	212	98	SCALES		0		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0508	1	2168	Mountain whitefish	214	104	SCALES	3	0		
	0508	1	2169	Mountain whitefish	284	256	SCALES	5	2	PIT	965000000248100
	0508	1	2170	Mountain whitefish	283	232	SCALES		0	PIT	900026000053601
	0508	1	2171	Mountain whitefish	216	100	SCALES	3	0		
	0508	1	2172	Mountain whitefish	292	238	SCALES		2	PIT	965000000069359
	0508	1	2173	Mountain whitefish	207	84	SCALES		0		
	0508	1	2174	Mountain whitefish	297	278	SCALES		0	PIT	900026000053443
	0508	1	2175	Mountain whitefish	201	90	SCALES		0		
	0508	1	2176	Mountain whitefish	293	272	SCALES		0	PIT	900026000052161
	0508	1	2177	Mountain whitefish	244	154	SCALES	3	0		
	0508	1	2178	Mountain whitefish	304	288	SCALES		0	PIT	900026000056044
	0508	1	2179	Bull trout	287	232	FIN RAY	3	0	PIT	900026000053242
	0508	1	2180	Mountain whitefish	329	342	SCALES		0	PIT	900026000055956
	0508	1	2181	Mountain whitefish	278	228	SCALES		0	PIT	900026000057367
	0508	1	2182	Mountain whitefish	308	272	SCALES		2	PIT	965000000077252
	0508	1	2183	Mountain whitefish	299	274	SCALES		0	PIT	900026000053426
	0508	1	2184	Mountain whitefish	272	192	SCALES		0	PIT	900026000055493
	0508	1	2185	Mountain whitefish	202	80	SCALES		0		
	0508	1	2186	Mountain whitefish	335	400	SCALES		0	PIT	900026000055968
	0508	1	2187	Mountain whitefish	329	338	SCALES		0	PIT	900026000056310
	0508	1	2188	Mountain whitefish	344	366	SCALES		2	PIT	4D00031645
	0508	1	2189	Mountain whitefish	257	210	SCALES		0	PIT	900026000035282
	0508	1	2190	Mountain whitefish	296	272	SCALES		0	PIT	900026000051221
	0508	1	2191	Mountain whitefish	248	170	SCALES		0		
	0509	1	2192	Rainbow trout	405	764			0		
	0509	1	2193	Longnose sucker	411	838			0		
	0509	1	2194	Longnose sucker	377	682			0		
	0509	1	2195	Longnose sucker	353	554			0		
	0509	1	2196	Longnose sucker	387	764			2	PIT	965000000113553
	0509	1	2197	Longnose sucker	396	730			0		
	0509	1	2198	Longnose sucker	260	200			0		
	0509	1	2199	Longnose sucker	373	678			0		
	0509	1	2200	Mountain whitefish	358	384	SCALES		2	PIT	0A00746632
	0509	1	2201	Mountain whitefish	361	440	SCALES		0	PIT	900026000057349
	0509	1	2202	Mountain whitefish	348	382	SCALES	6	2	PIT	965000000071104
	0509	1	2203	White sucker	404	824			0		
	0509	1	2204	Mountain whitefish	295	260	SCALES		0	PIT	900026000051142
	0509	1	2205	Mountain whitefish	347	378	SCALES		2	PIT	965000000084787
	0509	1	2206	Mountain whitefish	417		SCALES		2	FLOY	13935 WHITE
	0509	1	2207	Mountain whitefish	305	312	SCALES		0	PIT	900026000055955
	0509	1	2208	Mountain whitefish	364	448	SCALES		0	PIT	900026000055549
	0509	1	2209	Mountain whitefish	407	542	SCALES		0	PIT	900026000055491
	0509	1	2210	Mountain whitefish	334	328	SCALES		0	PIT	900026000053840
	0509	1	2211	Mountain whitefish	359	362	SCALES		0	PIT	900026000052294
	0509	1	2212	Mountain whitefish	345	376	SCALES	6	0	PIT	900026000063323
	0509	1	2213	Mountain whitefish	349	372	SCALES		0	PIT	900026000052256
	0509	1	2214	Mountain whitefish	440	730	SCALES		2	FLOY	13924 WHITE
	0509	1	2215	Mountain whitefish	324	316	SCALES		0	PIT	900026000034867
	0509	1	2216	Arctic grayling	311	406	SCALES	3	2	PIT	900026000064176
	0509	1	2217	Mountain whitefish	380	418	SCALES		0	PIT	900026000035144
	0509	1	2218	Mountain whitefish	318	274	SCALES		0	PIT	900026000052928

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0509	1	2219	Mountain whitefish	348	408	SCALES		0	PIT	900026000056343
	0509	1	2220	Mountain whitefish	306	264	SCALES	5	2	PIT	900026000052827
	0509	1	2221	Mountain whitefish	312	288	SCALES		2	PIT	965000000008564
	0509	1	2222	Mountain whitefish	285	230	SCALES		0	PIT	900026000054054
	0509	1	2223	Mountain whitefish	256	168	SCALES		0	PIT	900026000035565
	0509	1	2224	Mountain whitefish	319	298	SCALES		0	PIT	900026000052303
	0509	1	2225	Mountain whitefish	313	262	SCALES		0	PIT	900026000051884
	0509	1	2226	Mountain whitefish	268	222	SCALES		0	PIT	900026000035300
	0509	1	2227	Mountain whitefish	304	264	SCALES		0	PIT	900026000060442
	0509	1	2228	Mountain whitefish	196	92	SCALES		0		
	0509	1	2229	Mountain whitefish	315	308	SCALES		2	PIT	965000000081943
	0509	1	2230	Mountain whitefish	269	228	SCALES		0	PIT	900026000055894
	0509	1	2231	Mountain whitefish	305	270	SCALES		0	PIT	900026000054017
	0509	1	2232	Mountain whitefish	288	248	SCALES		2	PIT	965000000007480
	0509	1	2233	Mountain whitefish	337	268	SCALES	5	0	PIT	900026000063371
	0509	1	2234	Mountain whitefish	273	210	SCALES		0	PIT	900026000056096
	0509	1	2235	Mountain whitefish	306	260	SCALES	6	0	PIT	900026000053477
	0509	1	2236	Mountain whitefish	303	294	SCALES		0	PIT	900026000052356
	0512	1	2237	Longnose sucker	427				0		
	0512	1	2238	Longnose sucker	487				0		
	0512	1	2239	White sucker	382				2	PIT	965000000278283
	0512	1	2240	Longnose sucker	485				0		
	0512	1	2241	White sucker	402				0		
	0512	1	2242	Longnose sucker	341				0		
	0512	1	2243	Longnose sucker	435				0		
	0512	1	2244	Largescale sucker	386				0		
	0512	1	2245	Longnose sucker	428				0		
	0512	1	2246	Longnose sucker	408				0		
	0512	1	2247	Walleye	410		FIN RAY		0	PIT	900026000055812
	0512	1	2248	Mountain whitefish	402		SCALES		5	PIT	900026000053489
	0512	1	2249	Mountain whitefish	341		SCALES		0	PIT	900026000055839
	0512	1	2250	Mountain whitefish	304		SCALES		2	PIT	900026000061654
	0512	1	2251	Mountain whitefish	378		SCALES		0	PIT	900026000055550
	0512	1	2252	Mountain whitefish	323		SCALES		0	PIT	900026000055862
	0512	1	2253	Mountain whitefish	284		SCALES		0	PIT	900026000055291
	0512	1	2254	Mountain whitefish	318		SCALES		0	PIT	900026000053972
	0512	1	2255	Mountain whitefish	262		SCALES		0	PIT	900026000055314
	0512	1	2256	Mountain whitefish	346		SCALES		0	PIT	900026000052516
	0512	1	2257	Mountain whitefish	297		SCALES		0	PIT	900026000053961
	0512	1	2258	Mountain whitefish	233		SCALES	3	0		
	0512	1	2259	Mountain whitefish	288		SCALES		0	PIT	900026000057149
	0512	1	2260	Mountain whitefish	261		SCALES		0	PIT	900026000055792
	0512	1	2261	Mountain whitefish	251		SCALES		0	PIT	900026000051780
	0512	1	2262	Mountain whitefish	294		SCALES		0	PIT	900026000055924
	0512	1	2263	Mountain whitefish	254		SCALES		0	PIT	900026000055168
	0512	1	2264	Mountain whitefish	236		SCALES		0		
	0512	1	2265	Mountain whitefish	341		SCALES		0		
	0512	1	2266	Mountain whitefish	293		SCALES		0	PIT	900026000055361
	0512	1	2267	Mountain whitefish	290		SCALES		0	PIT	900026000064637
	0511	1	2268	Longnose sucker	389	702			0		
	0511	1	2269	Bull trout	502	1332		8	2	PIT	900026000057608

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0511	1	2270	Longnose sucker	379			0			
	0511	1	2271	Longnose sucker	330			0			
	0511	1	2272	Mountain whitefish	279	SCALES	5	0	PIT	900026000054056	
	0511	1	2273	Mountain whitefish	338	SCALES		2	PIT	4D00032819	
	0511	1	2274	Mountain whitefish	360	SCALES		0	PIT	900026000035363	
	0511	1	2275	Mountain whitefish	331	SCALES		0	PIT	900026000055424	
	0511	1	2276	Mountain whitefish	298	SCALES		2	PIT	965000000238984	
	0511	1	2277	Mountain whitefish	346	SCALES		2	PIT	96500000006018	
	0511	1	2278	Mountain whitefish	316	SCALES		0	PIT	900026000055979	
	0511	1	2279	Mountain whitefish	351	SCALES		0	PIT	900026000057284	
	0511	1	2280	Mountain whitefish	317	SCALES		0	PIT	900026000055977	
	0511	1	2281	Mountain whitefish	215	SCALES		0			
	0511	1	2282	Arctic grayling	318	SCALES	3	2	PIT	900026000052595	
	0511	1	2283	Mountain whitefish	367	SCALES		2	PIT	4D00031749	
	0511	1	2284	Mountain whitefish	434	SCALES		2	PIT	4D00035751	
	0511	1	2285	Mountain whitefish	424	SCALES	11	2	PIT	0A00717507	
	0511	1	2286	Mountain whitefish	321	SCALES		2	PIT	965000000248211	
	0511	1	2287	Mountain whitefish	272	SCALES		0	PIT	900026000033449	
	0511	1	2288	Mountain whitefish	303	SCALES	5	0	PIT	900026000053817	
	0511	1	2289	Mountain whitefish	251	SCALES		0	PIT	900026000051583	
	0511	1	2290	Mountain whitefish	336	SCALES		0	PIT	900026000035241	
	0511	1	2291	Mountain whitefish	314	SCALES		2	PIT	965000000090209	
	0511	1	2292	Mountain whitefish	308	SCALES	5	0	PIT	900026000035000	
	0511	1	2293	Mountain whitefish	297	SCALES		0	PIT	900026000056441	
	0511	1	2294	Mountain whitefish	243	SCALES		0			
	0511	1	2295	Mountain whitefish	320	SCALES	6	2	PIT	965000000248311	
	0511	1	2296	Mountain whitefish	290	SCALES		0	PIT	900026000055804	
	0511	1	2297	Mountain whitefish	304	SCALES		2	PIT	900026000064471	
	0511	1	2298	Mountain whitefish	289	SCALES		0	PIT	900026000052322	
	0515	1	2299	Longnose sucker	432			0			
	0515	1	2300	Largescale sucker	376			0			
	0515	1	2301	Longnose sucker	374			0			
	0515	1	2302	Longnose sucker	384			0			
	0515	1	2303	Longnose sucker	359			0			
	0515	1	2304	Longnose sucker	374			2	PIT	900026000034819	
	0515	1	2305	Longnose sucker	417			0			
	0515	1	2306	Arctic grayling	356	SCALES	4	0	PIT	900026000055366	
	0515	1	2307	Arctic grayling	311	SCALES	3	0	PIT	900026000055515	
	0515	1	2308	Mountain whitefish	383	SCALES		0	PIT	900026000057382	
	0515	1	2309	Arctic grayling	308	SCALES	3	0	PIT	900026000055601	
	0515	1	2310	Mountain whitefish	386	SCALES		0	PIT	900026000055701	
	0515	1	2311	Mountain whitefish	348	SCALES		0	PIT	900026000051974	
	0515	1	2312	Mountain whitefish	427	SCALES		2	PIT	900026000056532	
	0515	1	2313	Mountain whitefish	340	SCALES		2	PIT	965000000083492	
	0515	1	2314	Mountain whitefish	334	SCALES		2	PIT	965000000068222	
	0515	1	2315	Mountain whitefish	364	SCALES		2	PIT	965000000086719	
	0515	1	2316	Mountain whitefish	289	SCALES		0	PIT	900026000055615	
	0515	1	2317	Mountain whitefish	300	SCALES		0	PIT	900026000035357	
	0515	1	2318	Mountain whitefish	296	SCALES		2	PIT	965000000110865	
	0515	1	2319	Mountain whitefish	351	SCALES	9	2	PIT	965000000090983	
	0515	1	2320	Mountain whitefish	392	SCALES		0	PIT	900026000052135	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
5												
	0515	1	2321	Mountain whitefish	296	278	SCALES	0	PIT	900026000052238		
	0515	1	2322	Mountain whitefish	314	332	SCALES	0	PIT	900026000035176		
	0515	1	2323	Mountain whitefish	268	236	SCALES	0	PIT	900026000033618		
	0515	1	2324	Mountain whitefish	279	230	SCALES	0	PIT	900026000056106		
	0515	1	2325	Mountain whitefish	349	374	SCALES	2	PIT	965000000077396		
	0515	1	2326	Mountain whitefish	291	260	SCALES	4	0	PIT	900026000052521	
	0515	1	2327	Mountain whitefish	330	334	SCALES	2	PIT	965000000091829		
	0515	1	2328	Mountain whitefish	301	250	SCALES	0	PIT	900026000053724		
	0515	1	2329	Mountain whitefish	340	348	SCALES	0	PIT	900026000051233		
	0515	1	2330	Mountain whitefish	279	240	SCALES	4	2	PIT	900026000054992	
	0515	1	2331	Mountain whitefish	297	250	SCALES	2	PIT	900026000055058		
	0515	1	2332	Mountain whitefish	349	346	SCALES	0	PIT	900026000055807		
	0515	1	2333	Mountain whitefish	295	274	SCALES	0	PIT	900026000055511		
	0515	1	2334	Mountain whitefish	254	164	SCALES	0	PIT	900026000056082		
	0515	1	2335	Mountain whitefish	257	192	SCALES	0	PIT	900026000055702		
	0515	1	2336	Mountain whitefish	234	150	SCALES	0				
	0515	1	2337	Mountain whitefish	364	418	SCALES	2	PIT	965000000091782		
	0515	1	2338	Mountain whitefish	313	258	SCALES	0	PIT	900026000051184		
	0515	1	2339	Mountain whitefish	302	300	SCALES	2	PIT	900026000052535		
	0515	1	2340	Mountain whitefish	314	338	SCALES	0	PIT	900026000051465		
	0515	1	2341	Mountain whitefish	329	352	SCALES	0	PIT	900026000055557		
	0515	1	2342	Mountain whitefish	283	206	SCALES	0	PIT	900026000055897		
	0515	1	2343	Mountain whitefish	281	224	SCALES	0	PIT	900026000055895		
	0515	1	2344	Mountain whitefish	313	228	SCALES	2	PIT	965000000072045		
	0515	1	2345	Mountain whitefish	257	162	SCALES	4	0	PIT	900026000055420	
	0515	1	2346	Mountain whitefish	289	238	SCALES	0	PIT	900026000052541		
	0515	1	2347	Mountain whitefish	313	320	SCALES	0	PIT	900026000052349		
	0515	1	2348	Mountain whitefish	255	186	SCALES	0	PIT	900026000056530		
	0515	1	2349	Mountain whitefish	290	246	SCALES	0	PIT	900026000055254		
	0515	1	2350	Mountain whitefish	345	344	SCALES	0	PIT	900026000052099		
	0515	1	2351	Mountain whitefish	284	236	SCALES	2	PIT	965000000069629		
	0515	1	2352	Mountain whitefish	313	312	SCALES	2	PIT	965000000084048		
	0515	1	2353	Mountain whitefish	282	250	SCALES	0	PIT	900026000056021		
	0515	1	2354	Mountain whitefish	276	208	SCALES	4	2	PIT	900026000052780	
	0515	1	2355	Mountain whitefish	241		SCALES	0				
	0515	1	2356	Mountain whitefish	305	294	SCALES	4	0	PIT	900026000051227	
	0515	1	2357	Mountain whitefish	302	284	SCALES	6	0	PIT	900026000055297	
	0515	1	2358	Mountain whitefish	340	380	SCALES	0	PIT	900026000056404		
	0515	1	2359	Mountain whitefish	196	74	SCALES	0				
	0513	1	2360	Longnose sucker	393	776		0				
	0513	1	2361	Longnose sucker	388	600		0				
	0513	1	2362	Longnose sucker	403	926		0				
	0513	1	2363	Longnose sucker	350	536		0				
	0513	1	2364	Longnose sucker	429	844		0				
	0513	1	2365	Longnose sucker	426	976		2	PIT	900026000053409		
	0513	1	2366	White sucker	398	768		0				
	0513	1	2367	Longnose sucker	370	652		0				
	0513	1	2368	Longnose sucker	389	662		0				
	0513	1	2369	Longnose sucker	397	722		0				
	0513	1	2370	Mountain whitefish	391	580	SCALES	2	PIT	965000000246749		
	0513	1	2371	Mountain whitefish	376	474	SCALES	6	0	PIT	900026000053728	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0513	1	2372	Mountain whitefish	322	316	SCALES		2	PIT	965000000248094
	0513	1	2373	Mountain whitefish	346	362	SCALES		0	PIT	900026000055675
	0513	1	2374	Mountain whitefish	344	356	SCALES		2	PIT	965000000238615
	0513	1	2375	Mountain whitefish	384	468	SCALES		2	PIT	0A00735714
	0513	1	2376	Mountain whitefish	310	284	SCALES		2	PIT	965000000088998
	0513	1	2377	Mountain whitefish	293	250	SCALES	5	0	PIT	900026000055555
	0513	1	2378	Mountain whitefish	379	508	SCALES		0	PIT	900026000035594
	0513	1	2379	Mountain whitefish	306	276	SCALES		0	PIT	900026000051329
	0513	1	2380	Mountain whitefish	381	474	SCALES		0	PIT	900026000035116
	0513	1	2381	Mountain whitefish	389	634	SCALES		0	PIT	900026000057463
	0513	1	2382	Mountain whitefish	410	598	SCALES		2	PIT	0A00727740
	0513	1	2383	Mountain whitefish	287	238	SCALES		0	PIT	900026000056033
	0513	1	2384	Mountain whitefish	400	714	SCALES		2	PIT	4D00025813
	0513	1	2385	Mountain whitefish	365	446	SCALES		2	PIT	900026000065479
	0513	1	2386	Mountain whitefish	408	628	SCALES		0	PIT	900026000034886
	0513	1	2387	Mountain whitefish	338	310	SCALES		2	PIT	965000000092835
	0513	1	2388	Mountain whitefish	391	478	SCALES		0	PIT	900026000055627
	0513	1	2389	Mountain whitefish	420	630	SCALES		2	PIT	965000000073031
	0513	1	2390	Mountain whitefish	307	274	SCALES		0	PIT	900026000051469
	0513	1	2391	Mountain whitefish	333	332	SCALES		0	PIT	900026000056157
	0513	1	2392	Mountain whitefish	280	232	SCALES		0	PIT	900026000060464
	0513	1	2393	Mountain whitefish	321	330	SCALES		2	PIT	900026000055003
	0513	1	2394	Mountain whitefish	183	60	SCALES		0		
	0513	1	2395	Mountain whitefish	327	322	SCALES		0	PIT	900026000056536
	0513	1	2396	Mountain whitefish	158	42	SCALES		0		
	0513	1	2397	Mountain whitefish	259	186	SCALES		2	PIT	900026000056530
	0513	1	2398	Mountain whitefish	338	406	SCALES		0	PIT	900026000052351
	0513	1	2399	Mountain whitefish	273	216	SCALES		0	PIT	900026000055742
	0513	1	2400	Mountain whitefish	319	322	SCALES		2	PIT	965000000008677
	0513	1	2401	Mountain whitefish	199	78	SCALES		0		
	0513	1	2402	Mountain whitefish	377	474	SCALES		2	PIT	4D00025665
	0514	1	2403	Longnose sucker	382	686			0		
	0514	1	2404	Longnose sucker	396				0		
	0514	1	2405	Longnose sucker	380	630			0		
	0514	1	2406	Longnose sucker	427	888			0		
	0514	1	2407	Longnose sucker	436	1040			0		
	0514	1	2408	Longnose sucker	369	610			0		
	0514	1	2409	Longnose sucker	420	964			0		
	0514	1	2410	Longnose sucker	376	766			0		
	0514	1	2411	Longnose sucker	398	822			0		
	0514	1	2412	Longnose sucker	391	708			0		
	0514	1	2413	Longnose sucker	421	864			0		
	0514	1	2414	Longnose sucker	406	840			0		
	0514	1	2415	Longnose sucker	370	678			0		
	0514	1	2416	Longnose sucker	383	1160			0		
	0514	1	2417	Longnose sucker	377	664			0		
	0514	1	2418	Longnose sucker	359	532			0		
	0514	1	2419	Longnose sucker	408	742			0		
	0514	1	2420	Longnose sucker	400	814			0		
	0514	1	2421	Bull trout	424	736	FIN RAY	6	0	PIT	900026000055311
	0514	1	2422	Mountain whitefish	354	382	SCALES		2	PIT	965000000084051

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0514	1	2423	Mountain whitefish	359	424	SCALES	0	PIT	900026000055459	
	0514	1	2424	Mountain whitefish	377	502	SCALES	0	PIT	900026000061272	
	0514	1	2425	Mountain whitefish	301	242	SCALES	0	PIT	900026000057574	
	0514	1	2426	Mountain whitefish	304	250	SCALES	2	PIT	965000000279551	
	0514	1	2427	Mountain whitefish	352	426	SCALES	0	PIT	900026000057046	
	0514	1	2428	Mountain whitefish	378	506	SCALES	0			
	0514	1	2429	Mountain whitefish	361	412	SCALES	8	0	PIT	900026000055295
	0514	1	2430	Mountain whitefish	282	234	SCALES	0	0	PIT	900026000052485
	0514	1	2431	Mountain whitefish	298	254	SCALES	0	0	PIT	900026000055942
	0514	1	2432	Mountain whitefish	332	318	SCALES	2	0	PIT	965000000066512
	0514	1	2433	Mountain whitefish	300	260	SCALES	4	0	PIT	900026000055152
	0514	1	2434	Mountain whitefish	305	242	SCALES	0	0	PIT	900026000053673
	0514	1	2435	Mountain whitefish	218	116	SCALES	0			
	0514	1	2436	Mountain whitefish	278	208	SCALES	0	0	PIT	900026000055196
	0514	1	2437	Mountain whitefish	334	328	SCALES	7	0	PIT	900026000053768
	0514	1	2438	Mountain whitefish	345	370	SCALES	7	2	PIT	965000000068178
	0510	1	2439	Longnose sucker	413	878		0			
	0510	1	2440	Longnose sucker	394	814		0			
	0510	1	2441	Longnose sucker	284	294		0			
	0510	1	2442	Longnose sucker	464	1190		0			
	0510	1	2443	Longnose sucker	368	602		0			
	0510	1	2444	Longnose sucker	389	794		0			
	0510	1	2445	Largescale sucker	462	1206		0			
	0510	1	2446	Rainbow trout	338	434	SCALES	2	0	PIT	900026000053017
	0510	1	2447	Mountain whitefish	288	244	SCALES	4	0	PIT	900026000063374
	0510	1	2448	Mountain whitefish	362	490	SCALES	0	0	PIT	900026000053987
	0510	1	2449	Mountain whitefish	406	628	SCALES	0	0	PIT	900026000054089
	0510	1	2450	Mountain whitefish	370	494	SCALES	2	0	PIT	965000000244906
	0510	1	2451	Mountain whitefish	372	464	SCALES	0	0	PIT	900026000055581
	0510	1	2452	Mountain whitefish	335		SCALES	2	0	PIT	965000000244804
	0510	1	2453	Mountain whitefish	278	240	SCALES	0	0	PIT	900026000057516
	0510	1	2454	Mountain whitefish	329	308	SCALES	0			
	0510	1	2455	Mountain whitefish	323	350	SCALES	0	0	PIT	900026000056817
	0510	1	2456	Mountain whitefish	373	488	SCALES	2	0	PIT	965000000090853
	0510	1	2457	Mountain whitefish	286	236	SCALES	2	0	PIT	900026000054451
	0510	1	2458	Mountain whitefish	313	303	SCALES	2	0	PIT	965000000093346
	0510	1	2459	Mountain whitefish	327	332	SCALES	0	0	PIT	900026000035248
	0510	1	2460	Mountain whitefish	301	290	SCALES	0	0	PIT	900026000056580
	0510	1	2461	Mountain whitefish	335	360	SCALES	2	0	PIT	900026000064195
	0510	1	2462	Mountain whitefish	324	340	SCALES	2	0	PIT	900026000064102
	0510	1	2463	Mountain whitefish	191	76	SCALES	0			
	0510	1	2464	Mountain whitefish	348	396	SCALES	2	0	PIT	965000000245062
	0510	1	2465	Mountain whitefish	281	248	SCALES	0	0	PIT	900026000035062
	0510	1	2466	Mountain whitefish	288	260	SCALES	0	0	PIT	900026000051833
	0510	1	2467	Kokanee	115	20		0			
	0510	1	2468	Mountain whitefish	254	220	SCALES	0	0	PIT	900026000035251
	0510	1	2469	Mountain whitefish	349	358	SCALES	0	0	PIT	900026000051601
	0510	1	2470	Mountain whitefish	150	40	SCALES	0			
	0510	1	2471	Mountain whitefish	356	402	SCALES	5	0	PIT	900026000035439
	0510	1	2472	Mountain whitefish	310	274	SCALES	2	0	PIT	900026000065422
	0510	1	2473	Mountain whitefish	316	314	SCALES	0	0	PIT	900026000052301

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0510	1	2474	Mountain whitefish	266	192	SCALES	4	0	PIT	900026000051421
	0510	1	2475	Mountain whitefish	369	454	SCALES		2	PIT	0A00722020
	0510	1	2476	Mountain whitefish	281	242	SCALES		0	PIT	900026000052152
	0510	1	2477	Mountain whitefish	231	124	SCALES	3	0		
	0510	1	2478	Mountain whitefish	295	262	SCALES		0	PIT	900026000053176
	0510	1	2479	Mountain whitefish	300	270	SCALES		2	PIT	965000000085481
	0510	1	2480	Mountain whitefish	345	324	SCALES		0	PIT	900026000057072
	0510	1	2481	Mountain whitefish	387	518	SCALES		0	PIT	900026000051536
	0510	1	2482	Mountain whitefish	193	76	SCALES		0		
	0510	1	2483	Mountain whitefish	243	174	SCALES		0		
	0510	1	2484	Mountain whitefish	329	302	SCALES		0	PIT	900026000063161
	0510	1	2485	Mountain whitefish	155	46	SCALES		0		
	0510	1	2486	Mountain whitefish	283	216	SCALES		2	PIT	965000000087819
	0510	1	2487	Mountain whitefish	343	348	SCALES		0	PIT	900026000061335
	0510	1	2488	Mountain whitefish	302	274	SCALES		0	PIT	900026000053522
	0510	1	2489	Mountain whitefish	256	172	SCALES		0	PIT	900026000055413
	0510	1	2490	Mountain whitefish	250	154	SCALES		0	PIT	900026000052279
	0510	1	2491	Mountain whitefish	320	332	SCALES		2	PIT	965000000084795
	0510	1	2492	Mountain whitefish	324	274	SCALES		0	PIT	900026000053519
	0510	1	2493	Mountain whitefish	267	208	SCALES		2	PIT	965000000279417
	0510	1	2494	Mountain whitefish	380	480	SCALES		2	PIT	965000000073006
	0510	1	2495	Mountain whitefish	363	424	SCALES		0	PIT	900026000056881
	0510	1	2496	Mountain whitefish	208		SCALES		0		
	0510	1	2497	Mountain whitefish	260	186	SCALES		0	PIT	900026000053854
	0510	1	2498	Mountain whitefish	321	328	SCALES		0	PIT	900026000055368
	0510	1	2499	Mountain whitefish	320	348	SCALES		2	PIT	965000000008322
	0510	1	2500	Mountain whitefish	317	338	SCALES		0	PIT	900026000054057
	0510	1	2501	Bull trout	241	138	FIN RAY	4	0	PIT	900026000055365
	0510	1	2502	Mountain whitefish	303	256	SCALES		0	PIT	900026000053969
	0510	1	2503	Mountain whitefish	347	392	SCALES		2	PIT	965000000246179
	0510	1	2504	Mountain whitefish	313	304	SCALES		2	PIT	965000000092997
	0503	2	4068	Mountain whitefish	297	292	NO STRUCT		2	PIT	965000000282723
	0503	2	4069	Mountain whitefish	266	228	SCALES		0	PIT	900026000146146
	0503	2	4070	Mountain whitefish	290	254	SCALES		0	PIT	900026000146092
	0503	2	4071	Mountain whitefish	220	158	SCALES		0		
	0503	2	4072	Longnose sucker	452	1138			0		
	0503	2	4073	Mountain whitefish	306	302	SCALES		0	PIT	900026000146037
	0503	2	4074	Mountain whitefish	232	136	SCALES		0		
	0503	2	4075	Mountain whitefish	325	330	SCALES		0		
	0503	2	4076	Longnose sucker	422	970			0		
	0503	2	4077	Mountain whitefish	289	264	SCALES		0	PIT	900026000146031
	0503	2	4078	Mountain whitefish	305	290	SCALES		0	PIT	900026000146094
	0503	2	4079	Mountain whitefish	281	244	SCALES		0	PIT	900026000146078
	0503	2	4080	Mountain whitefish	293	254	SCALES		0	PIT	900026000145994
	0503	2	4081	Mountain whitefish	299	314	SCALES		0	PIT	900026000146065
	0501	2	4082	Largescale sucker	509	1590			0		
	0501	2	4083	Longnose sucker	677	632			0		
	0501	2	4084	Longnose sucker	241	182			0		
	0501	2	4085	Longnose sucker	305	378			0		
	0501	2	4086	Longnose sucker	216	128			0		
	0501	2	4087	Longnose sucker	278	274			0		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0501	2	4088	Mountain whitefish	205	102	SCALES	0			
	0501	2	4089	Mountain whitefish	273	252	SCALES	0	PIT	900026000146003	
	0501	2	4090	Mountain whitefish	355	432	SCALES	0	PIT	900026000146213	
	0501	2	4091	Mountain whitefish	308	400	SCALES	0	PIT	900026000146010	
	0501	2	4092	Mountain whitefish	250	180	SCALES	0	PIT	900026000146096	
	0501	2	4093	Mountain whitefish	225	150	SCALES	0			
	0501	2	4094	Mountain whitefish	415	652	SCALES	9	2	PIT	0A00720752
	0501	2	4095	Mountain whitefish	338	268	SCALES	2	2	PIT	965000000070217
	0501	2	4096	Mountain whitefish	244	180	SCALES	0			
	0501	2	4097	Mountain whitefish	147	42	SCALES	0			
	0501	2	4098	Mountain whitefish	335	390	SCALES	0	PIT	900026000145993	
	0501	2	4099	Mountain whitefish	194	106	SCALES	0			
	0501	2	4100	Mountain whitefish	200	90	SCALES	0			
	0501	2	4101	Mountain whitefish	374	474	SCALES	0	PIT	900026000146099	
	0502	2	4102	Mountain whitefish	252	196	SCALES	0	PIT	900026000146076	
	0502	2	4103	Mountain whitefish	304	360	SCALES	0	PIT	900026000146113	
	0502	2	4104	Longnose sucker	386	732		0			
	0502	2	4105	Largescale sucker	536	1836		0			
	0502	2	4106	Mountain whitefish	284	234	SCALES	2	PIT	965000000067781	
	0502	2	4107	Longnose sucker	414	960		0			
	0502	2	4108	Longnose sucker	320	440		0			
	0502	2	4109	Largescale sucker	401	814		0			
	0502	2	4110	Mountain whitefish	432	708	SCALES	0	PIT	900026000146040	
	0502	2	4111	Mountain whitefish	213	116	SCALES	0			
	0502	2	4112	Mountain whitefish	308	310	SCALES	0	PIT	900026000146068	
	0502	2	4113	Mountain whitefish	225	130	SCALES	0			
	0502	2	4114	Mountain whitefish	291	284	SCALES	0	PIT	900026000146273	
	0502	2	4115	Mountain whitefish	283	256	SCALES	0	PIT	900026000146050	
	0502	2	4116	Mountain whitefish	228	148	SCALES	0			
	0502	2	4117	Mountain whitefish	264	226	SCALES	0	PIT	900026000146011	
	0504	2	4118	Mountain whitefish	295	256	SCALES	0	PIT	900026000146169	
	0504	2	4119	Mountain whitefish	292	238	SCALES	0	PIT	900026000146111	
	0504	2	4120	Mountain whitefish	291	260	SCALES	0	PIT	900026000146186	
	0504	2	4121	Mountain whitefish	292	260	SCALES	5	2	PIT	900026000054993
	0504	2	4122	Mountain whitefish	310	314	SCALES	0	PIT	900026000146059	
	0504	2	4123	Mountain whitefish	271	216	SCALES	0	PIT	900026000146022	
	0504	2	4124	Mountain whitefish	258	184	SCALES	0	PIT	900026000146137	
	0504	2	4125	Mountain whitefish	342	334	SCALES	2	PIT	965000000244622	
	0504	2	4126	Mountain whitefish	314	296	SCALES	2	PIT	965000000080514	
	0504	2	4127	Mountain whitefish	214	90	SCALES	0			
	0504	2	4128	Mountain whitefish	300	308	SCALES	2	PIT	965000000245017	
	0504	2	4129	Mountain whitefish	299	328	SCALES	0	PIT	900026000146226	
	0504	2	4130	Mountain whitefish	216	114	SCALES	0			
	0504	2	4131	Mountain whitefish	280	254	SCALES	0	PIT	900026000148562	
	0504	2	4132	Mountain whitefish	328	462	SCALES	0	PIT	900026000148293	
	0504	2	4133	Mountain whitefish	333	322	SCALES	0	PIT	900026000146255	
	0504	2	4134	Mountain whitefish	336	338	SCALES	0	PIT	900026000146016	
	0504	2	4135	Mountain whitefish	304	322	SCALES	0	PIT	900026000148236	
	0504	2	4136	Mountain whitefish	270	186	SCALES	0	PIT	900026000148008	
	0504	2	4137	Mountain whitefish	300	262	SCALES	2	PIT	900026000061334	
	0504	2	4138	Mountain whitefish	328	332	SCALES	0	PIT	965000000281797	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0504	2	4139	Mountain whitefish	265	206	SCALES	0	PIT	900026000146175	
	0504	2	4140	Mountain whitefish	183	74	SCALES	0			
	0505	2	4141	Longnose sucker	469	1180		0			
	0505	2	4142	Largescale sucker	479	1362		0			
	0505	2	4143	Longnose sucker	338	488		0			
	0505	2	4144	Largescale sucker	501	1566		0			
	0505	2	4145	White sucker	426	970		0			
	0505	2	4146	Longnose sucker	395	776		0			
	0505	2	4147	Longnose sucker	388	744		0			
	0505	2	4148	Longnose sucker	459	1118		0			
	0505	2	4149	Longnose sucker	293	294		0			
	0505	2	4150	Mountain whitefish	256	192	SCALES	0	PIT	900026000146241	
	0505	2	4151	Mountain whitefish	343	410	SCALES	2	PIT	965000000092838	
	0505	2	4152	Longnose sucker	376	672		0			
	0505	2	4153	Mountain whitefish	211	80	SCALES	0			
	0505	2	4154	Longnose sucker	276	290		0			
	0505	2	4155	Mountain whitefish	307	308	SCALES	0	PIT	900026000145995	
	0505	2	4156	Mountain whitefish	295	292	SCALES	0	PIT	900026000148498	
	0505	2	4157	Mountain whitefish	264	232	SCALES	0	PIT	900026000148368	
	0505	2	4158	Mountain whitefish	273	200	SCALES	0			
	0505	2	4159	Mountain whitefish	334	356	SCALES	7	2	PIT	965000000073145
	0505	2	4160	Mountain whitefish	299	264	SCALES	0	PIT	900026000146127	
	0505	2	4161	Mountain whitefish	293	232	SCALES	0	PIT	900026000146243	
	0505	2	4162	Mountain whitefish	289	250	SCALES	2	PIT	965000000282878	
	0505	2	4163	Rainbow trout	454	1034	SCALES	2	PIT	900026000053161	
	0506	2	4164	Northern pikeminnow	226	144		0			
	0506	2	4165	Longnose sucker	378	616		0			
	0506	2	4166	White sucker	382	644		0			
	0506	2	4167	Longnose sucker	366	696		0			
	0506	2	4168	Longnose sucker	418	830		0			
	0506	2	4169	Longnose sucker	440	1026		0			
	0506	2	4170	White sucker	420	1102		0			
	0506	2	4171	Longnose sucker	332	498		0			
	0506	2	4172	White sucker	390	722		0			
	0506	2	4173	White sucker	450	1118		0			
	0506	2	4174	White sucker	400	810		0			
	0506	2	4175	Longnose sucker	395	834		0			
	0506	2	4176	Longnose sucker	375	782		0			
	0506	2	4177	White sucker	410	860		0			
	0506	2	4178	White sucker	352	576		0			
	0506	2	4179	Longnose sucker	380	654		0			
	0506	2	4180	Longnose sucker	385	692		0			
	0506	2	4181	White sucker	382	808		0			
	0506	2	4182	Longnose sucker	312	412		0			
	0506	2	4183	Largescale sucker	455	1186		0			
	0506	2	4184	Longnose sucker	381	674		0			
	0506	2	4185	Longnose sucker	514	1586		0			
	0506	2	4186	White sucker	442	1138		0			
	0506	2	4187	Longnose sucker	382	674		0			
	0506	2	4188	Longnose sucker	449	1098		0			
	0506	2	4189	Longnose sucker	337	524		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0506	2	4190	Largescale sucker	434			1032		0	
	0506	2	4191	White sucker	367			644		0	
	0506	2	4192	White sucker	393			776		0	
	0506	2	4193	Mountain whitefish	247			166	SCALES	0	
	0506	2	4194	Mountain whitefish	255			196	SCALES	0	PIT 900026000146069
	0506	2	4195	Mountain whitefish	248			162	SCALES	0	
	0506	2	4196	Mountain whitefish	199			94	SCALES	0	
	0506	2	4197	Mountain whitefish	262			186	SCALES	0	PIT 900026000148567
	0506	2	4198	Mountain whitefish	350			352	SCALES	0	PIT 900026000146200
	0506	2	4199	Mountain whitefish	340			356	SCALES	2	PIT 965000000078106
	0507	2	4200	Longnose sucker	395			742		0	
	0507	2	4201	Longnose sucker	370			726		0	
	0507	2	4202	Mountain whitefish	422			832	SCALES	0	PIT 900026000148689
	0507	2	4203	Mountain whitefish	265			202	SCALES	0	PIT 900026000146044
	0507	2	4204	Mountain whitefish	300			284	SCALES	2	PIT 965000000092614
	0507	2	4205	Mountain whitefish	206			102	SCALES	0	
	0507	2	4206	Longnose sucker	352			572		0	
	0507	2	4207	Mountain whitefish	343			416	SCALES	0	PIT 900026000148482
	0507	2	4208	Longnose sucker	372			712		0	
	0507	2	4209	Mountain whitefish	375			560	SCALES	2	PIT 965000000243999
	0507	2	4210	Longnose sucker	422			902		0	
	0507	2	4211	White sucker	370			714		0	
	0507	2	4212	Mountain whitefish	271			210	SCALES	0	PIT 900026000146291
	0507	2	4213	Mountain whitefish	266			210	SCALES	0	PIT 900026000146178
	0507	2	4214	Mountain whitefish	232			144	SCALES	0	
	0507	2	4215	Mountain whitefish	340			420	SCALES	0	PIT 900026000146135
	0507	2	4216	Mountain whitefish	388			512	SCALES	2	PIT 900026000055708
	0507	2	4217	Mountain whitefish	198			90	SCALES	0	
	0507	2	4218	Mountain whitefish	248			176	SCALES	0	
	0507	2	4219	Longnose sucker	241			196		0	
	0507	2	4220	Mountain whitefish	237			138	SCALES	0	
	0507	2	4221	Mountain whitefish	206			104	SCALES	0	
	0507	2	4222	Mountain whitefish	213			116	SCALES	0	
	0507	2	4223	Bull trout	210			98	FS	3	0 PIT 900026000146254
	0507	2	4224	Bull trout	247			144	FS	4	0 PIT 900026000146114
	0508	2	4225	Longnose sucker	376			709		0	
	0508	2	4226	Mountain whitefish	245			158	SCALES	0	
	0508	2	4227	Bull trout	195			74	SCALES	2	0
	0508	2	4228	Mountain whitefish	326			314	SCALES	7	2 PIT 965000000247267
	0508	2	4229	Arctic grayling	388			722	SCALES	3	0 PIT 900026000146071
	0508	2	4230	Mountain whitefish	253			174	SCALES	0	PIT 900026000146221
	0508	2	4231	Mountain whitefish	278			206	SCALES	2	PIT 900026000056098
	0508	2	4232	Mountain whitefish	375			422	SCALES	2	PIT 965000000068106
	0508	2	4233	Mountain whitefish	208			98	SCALES	0	
	0508	2	4234	Mountain whitefish	328			332	SCALES	2	PIT 900026000055956
	0508	2	4235	Mountain whitefish	314			324	SCALES	2	PIT 965000000247421
	0508	2	4236	Longnose sucker	383			686		0	
	0508	2	4237	Bull trout	286			230		2	PIT 900026000053242
	0508	2	4238	Mountain whitefish	326			366	SCALES	2	PIT 900026000061394
	0508	2	4239	Longnose sucker	374			680		0	
	0508	2	4240	Mountain whitefish	160			44	SCALES	0	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0508	2	4241	Mountain whitefish	204	92	SCALES	0			
	0508	2	4242	Mountain whitefish	245	152	SCALES	0			
	0508	2	4243	Mountain whitefish	272	216	SCALES	0	PIT	900026000148102	
	0508	2	4244	Mountain whitefish	390	534	SCALES	2	PIT	900026000017415	
	0508	2	4245	Bull trout	312	310	FS	3	0	PIT	900026000146029
	0508	2	4246	Mountain whitefish	298	294	SCALES	0	PIT	900026000148100	
	0508	2	4247	Mountain whitefish	265	208	SCALES	3	0	PIT	900026000148078
	0508	2	4248	Mountain whitefish	275	206	SCALES	0	PIT	900026000148278	
	0508	2	4249	Mountain whitefish	331	362	SCALES	2	PIT	965000000245355	
	0508	2	4250	Longnose sucker	370	624		0			
	0508	2	4251	Mountain whitefish	388	510	SCALES	2	PIT	900026000055708	
	0508	2	4252	Mountain whitefish	230	124	SCALES	0			
	0508	2	4253	Mountain whitefish	281	238	SCALES	2	PIT	965000000282318	
	0508	2	4254	Mountain whitefish	271	216	SCALES	0	PIT	900026000148968	
	0508	2	4255	Mountain whitefish	248	166	SCALES	0			
	0508	2	4256	Mountain whitefish	195	82	SCALES	2	0		
	0508	2	4257	Longnose sucker	333	482		0			
	0508	2	4258	Mountain whitefish	299	282	SCALES	0	PIT	900026000148420	
	0508	2	4259	Mountain whitefish	197	96	SCALES	0			
	0508	2	4260	Mountain whitefish	298	290	SCALES	2	PIT	900026000055130	
	0508	2	4261	Mountain whitefish	275	222	SCALES	0	PIT	900026000148257	
	0508	2	4262	Mountain whitefish	195		SCALES	0	PIT	900026000083824	
	0508	2	4263	Mountain whitefish	226	124	SCALES	0			
	0508	2	4264	Longnose sucker	378	630		0			
	0508	2	4265	Mountain whitefish	284	244	SCALES	0	PIT	900026000148783	
	0508	2	4266	Mountain whitefish	214	116	SCALES	0			
	0508	2	4267	Mountain whitefish	252	162	SCALES	2	PIT	900026000055911	
	0508	2	4268	Mountain whitefish	280	240	SCALES	0	PIT	900026000083620	
	0508	2	4269	Mountain whitefish	265	190	SCALES	0	PIT	900026000148287	
	0508	2	4270	Mountain whitefish	334	386	SCALES	0	PIT	900026000083277	
	0508	2	4271	Mountain whitefish	294	246	SCALES	2	PIT	965000000069359	
	0508	2	4272	Mountain whitefish	231	134	SCALES	0			
	0508	2	4273	Mountain whitefish	360	430	SCALES	0	PIT	900026000148641	
	0508	2	4274	Mountain whitefish	206	96	SCALES	0			
	0509	2	4275	Longnose sucker	427	940		0			
	0509	2	4276	Mountain whitefish	299	292	SCALES	2	PIT	900026000056566	
	0509	2	4277	Mountain whitefish	302	274	SCALES	0	PIT	900026000083279	
	0509	2	4278	Mountain whitefish	296	236	SCALES	0	PIT	900026000148630	
	0509	2	4279	Longnose sucker	401	874		0			
	0509	2	4280	White sucker	375	646		0			
	0509	2	4281	Mountain whitefish	233	132	SCALES	0			
	0509	2	4282	Mountain whitefish	316	356	SCALES	4	0	PIT	900026000148023
	0509	2	4283	Mountain whitefish	287	266	SCALES	0	PIT	900026000083326	
	0509	2	4284	Mountain whitefish	250	180	SCALES	0	PIT	900026000148840	
	0509	2	4285	Bull trout	213	102	FS	2	0	PIT	900026000146266
	0509	2	4286	Bull trout	630	3080		8	2	PIT	965000000246144
	0511	2	4287	Longnose sucker	385	872		2	PIT	965000000092755	
	0511	2	4288	Longnose sucker	432	974		0			
	0511	2	4289	Longnose sucker	313	454		0			
	0511	2	4290	Longnose sucker	454	1344		0			
	0511	2	4291	Longnose sucker	420	890		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0511	2	4292	Longnose sucker	382			0			
	0511	2	4293	Longnose sucker	382			0			
	0511	2	4294	Longnose sucker	399			0			
	0511	2	4295	Longnose sucker	434			0			
	0511	2	4296	Longnose sucker	377			0			
	0511	2	4297	Longnose sucker	443			0			
	0511	2	4298	Longnose sucker	429			0			
	0511	2	4299	Longnose sucker	350			0			
	0511	2	4300	Longnose sucker	408			0			
	0511	2	4301	Longnose sucker	379			0			
	0511	2	4302	Longnose sucker	405			0			
	0511	2	4303	Longnose sucker	344			0			
	0511	2	4304	Longnose sucker	408			0			
	0511	2	4305	Longnose sucker	391			0			
	0511	2	4306	Longnose sucker	280			0			
	0511	2	4307	Longnose sucker	400			0			
	0511	2	4308	Longnose sucker	375			0			
	0511	2	4309	Mountain whitefish	296			2	PIT	900026000083279	
	0511	2	4310	Mountain whitefish	378		8	0	PIT	900026000148810	
	0511	2	4311	Mountain whitefish	333			2	FLOY	14978	WHITE
	0511	2	4312	Mountain whitefish	323			0	PIT	900026000148495	
	0511	2	4313	Mountain whitefish	350			2	PIT	900026000056343	
	0511	2	4314	Mountain whitefish	313			0	PIT	900026000148596	
	0511	2	4315	Mountain whitefish	330			2	PIT	965000000085731	
	0511	2	4316	Mountain whitefish	292		4	0	PIT	900026000148351	
	0511	2	4317	Mountain whitefish	365			0	PIT	900026000146185	
	0511	2	4318	Mountain whitefish	296			0	PIT	900026000148175	
	0511	2	4319	Mountain whitefish	282			2	PIT	900026000060720	
	0511	2	4320	Mountain whitefish	306			0	PIT	900026000148193	
	0511	2	4321	Mountain whitefish	250			0	PIT	900026000148456	
	0511	2	4322	Mountain whitefish	304			0	PIT	900026000148192	
	0511	2	4323	Mountain whitefish	294			2	PIT	900026000083326	
	0511	2	4324	Mountain whitefish	247			0			
	0511	2	4325	Mountain whitefish	255			0	PIT	900026000146182	
	0511	2	4326	Mountain whitefish	293			0	PIT	900026000148497	
	0511	2	4327	Mountain whitefish	315			2	PIT	900026000052303	
	0511	2	4328	Mountain whitefish	339			2	PIT	965000000110778	
	0511	2	4329	Mountain whitefish	246			0			
	0511	2	4330	Mountain whitefish	304			2	PIT	965000000087815	
	0511	2	4331	Mountain whitefish	285			0			
	0511	2	4332	Mountain whitefish	293			0	PIT	900026000148454	
	0511	2	4333	Mountain whitefish	341			2	PIT	900026000063470	
	0511	2	4334	Mountain whitefish	275			2	PIT	900026000052735	
	0512	2	4335	Longnose sucker	341			0			
	0512	2	4336	Longnose sucker	370			0			
	0512	2	4337	Mountain whitefish	392			2	PIT	900026000062057	
	0512	2	4338	Mountain whitefish	378			0	PIT	900026000146245	
	0512	2	4339	Mountain whitefish	282			0	PIT	900026000146142	
	0512	2	4340	Mountain whitefish	374			0	PIT	900026000148992	
	0512	2	4341	Mountain whitefish	378		9	2	PIT	0A00710918	
	0512	2	4342	Mountain whitefish	327			0	PIT	900026000148957	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0512	2	4343	Longnose sucker	392			0			
	0512	2	4344	Walleye	399			0			
	0512	2	4345	Mountain whitefish	289			0	PIT	900026000148364	
	0512	2	4346	Mountain whitefish	265			0	PIT	900026000148166	
	0512	2	4347	Mountain whitefish	266			0	PIT	900026000148973	
	0512	2	4348	Mountain whitefish	294			0	PIT	900026000148226	
	0512	2	4349	Mountain whitefish	415			0	PIT	900026000146264	
	0512	2	4350	Mountain whitefish	225		3	0			
	0512	2	4351	Walleye	475			0			
	0512	2	4352	Mountain whitefish	422			2	PIT	0A00751922	
	0512	2	4353	Mountain whitefish	313			0	PIT	900026000148584	
	0512	2	4354	Mountain whitefish	318			2	PIT	965000000248311	
	0512	2	4355	Mountain whitefish	312			2	PIT	965000000247838	
	0512	2	4356	Longnose sucker	249			0			
	0512	2	4357	Mountain whitefish	222			0			
	0512	2	4358	Mountain whitefish	222			0			
	0512	2	4359	Mountain whitefish	352			2	PIT	900026000057284	
	0512	2	4360	Mountain whitefish	280			2	PIT	900026000063958	
	0512	2	4361	Mountain whitefish	315			0	PIT	900026000148279	
	0512	2	4362	Mountain whitefish	330			0	PIT	900026000148650	
	0512	2	4363	Mountain whitefish	358		6	0	PIT	900026000148296	
	0512	2	4364	Mountain whitefish	246			0			
	0515	2	4365	Mountain whitefish	417			2	PIT	965000000077659	
	0515	2	4366	Mountain whitefish	344			2	PIT	4D00036154	
	0515	2	4367	Mountain whitefish	262			0	PIT	900026000148434	
	0515	2	4368	Mountain whitefish	286			0	PIT	900026000148184	
	0515	2	4369	Mountain whitefish	282			0	PIT	900026000148394	
	0515	2	4370	Mountain whitefish	287			0	PIT	900026000148291	
	0515	2	4371	Mountain whitefish	271			0	PIT	900026000148851	
	0515	2	4372	Arctic grayling	234		3	0			
	0515	2	4373	Mountain whitefish	249			0			
	0515	2	4374	Mountain whitefish	286			0	PIT	900026000148902	
	0515	2	4375	Mountain whitefish	191			0			
	0515	2	4376	Mountain whitefish	177			0			
	0515	2	4377	Mountain whitefish	274			0	PIT	900026000148303	
	0515	2	4378	Mountain whitefish	341			2	PIT	965000000069144	
	0515	2	4379	Mountain whitefish	262			0	PIT	900026000146046	
	0515	2	4380	Mountain whitefish	233			0			
	0515	2	4381	Mountain whitefish	226		3	0			
	0515	2	4382	Mountain whitefish	344			2	PIT	965000000069179	
	0515	2	4383	Mountain whitefish	329			2	PIT	965000000238705	
	0515	2	4384	Mountain whitefish	394			2	FLOY	14074	WHITE
	0515	2	4385	Mountain whitefish	346			2	PIT	965000000244958	
	0515	2	4386	Mountain whitefish	275			0	PIT	900026000148988	
	0515	2	4387	Mountain whitefish	239		3	0			
	0515	2	4388	Mountain whitefish	268			0	PIT	900026000148155	
	0515	2	4389	Mountain whitefish	176			0			
	0515	2	4390	Mountain whitefish	284			0	PIT	900026000148603	
	0515	2	4391	Mountain whitefish	313			5	PIT	900026000146270	
	0515	2	4392	Mountain whitefish	234			0			
	0515	2	4393	Mountain whitefish	275			0	PIT	900026000148199	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0515	2	4394	Mountain whitefish	254	146	SCALES	3	0	PIT	900026000146006
	0515	2	4395	Mountain whitefish	287	266	SCALES		0	PIT	900026000148459
	0515	2	4396	Mountain whitefish	265	196	SCALES		0	PIT	900026000148205
	0515	2	4397	Mountain whitefish	278	218	SCALES		2	PIT	900026000052952
	0515	2	4398	Mountain whitefish	316	338	SCALES		0	PIT	900026000148310
	0515	2	4399	Mountain whitefish	238	148	SCALES		0		
	0515	2	4400	Mountain whitefish	282	242	SCALES		0	PIT	900026000146120
	0515	2	4401	Mountain whitefish	266	214	SCALES		2	PIT	900026000052780
	0513	2	4402	Mountain whitefish	459	1054	SCALES		2	PIT	965000000239562
	0513	2	4403	Largescale sucker	468	1410			0		
	0513	2	4404	Mountain whitefish	477	1120	SCALES		0	PIT	900026000148194
	0513	2	4405	Longnose sucker	272	276			0		
	0513	2	4406	Longnose sucker	390	736			0		
	0513	2	4407	Mountain whitefish	252	148	SCALES		2	PIT	900026000146006
	0513	2	4408	Mountain whitefish	279	282	SCALES		0	PIT	900026000148002
	0513	2	4409	Longnose sucker	395	784			0		
	0513	2	4410	Longnose sucker	301	312			2	PIT	900026000056697
	0513	2	4411	Longnose sucker	348	636			0		
	0513	2	4412	Longnose sucker	411	850			0		
	0513	2	4413	Longnose sucker	347	583			0		
	0513	2	4414	Largescale sucker	452	1320			0		
	0513	2	4415	Longnose sucker	188	94			0		
	0513	2	4416	Longnose sucker	432	1010			0		
	0513	2	4417	Longnose sucker	403				0		
	0513	2	4418	Longnose sucker	282	264			0		
	0513	2	4419	Largescale sucker	522	1642			0		
	0513	2	4420	Mountain whitefish	241	148	SCALES		0		
	0513	2	4421	Mountain whitefish	292	290	SCALES		0	PIT	900026000148288
	0513	2	4422	Mountain whitefish	240	158	SCALES		0		
	0513	2	4423	Mountain whitefish	385	508	SCALES		0	PIT	900026000146128
	0513	2	4424	Mountain whitefish	327	348	SCALES		0	PIT	900026000148160
	0513	2	4425	Mountain whitefish	324	324	SCALES		2	PIT	900026000056536
	0513	2	4426	Mountain whitefish	292	292	SCALES		2	PIT	965000000086612
	0513	2	4427	Mountain whitefish	191	70	SCALES		0		
	0513	2	4428	Mountain whitefish	315	352	SCALES		2	PIT	965000000077113
	0513	2	4429	Mountain whitefish	377	502	SCALES		0	PIT	900026000148444
	0513	2	4430	Mountain whitefish	271	194	SCALES		0	PIT	900026000146196
	0513	2	4431	Mountain whitefish	288	340	SCALES		0	PIT	900026000146087
	0513	2	4432	Mountain whitefish	195	76	SCALES		0		
	0513	2	4433	Mountain whitefish	245	156	SCALES		0		
	0513	2	4434	Mountain whitefish	298	236	SCALES		2	PIT	965000000076945
	0513	2	4435	Mountain whitefish	305	294	SCALES		0	PIT	900026000148172
	0513	2	4436	Mountain whitefish	284	256	SCALES		0	PIT	900026000146033
	0513	2	4437	Mountain whitefish	257	194	SCALES		0	PIT	900026000148592
	0514	2	4438	White sucker	387	598			0		
	0514	2	4439	Longnose sucker	455	1340			0		
	0514	2	4440	White sucker	379	716			0		
	0514	2	4441	Longnose sucker	391	664			0		
	0514	2	4442	Longnose sucker	414	844			0		
	0514	2	4443	Longnose sucker	328	424			0		
	0514	2	4444	Longnose sucker	399	846			0		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0514	2	4445	Longnose sucker	260			0			
	0514	2	4446	Longnose sucker	363			0			
	0514	2	4447	Longnose sucker	292			0			
	0514	2	4448	Longnose sucker	364			0			
	0514	2	4449	Mountain whitefish	348	SCALES		2	PIT	96500000071512	
	0514	2	4450	Mountain whitefish	298	SCALES		2	PIT	900026000055942	
	0514	2	4451	Mountain whitefish	308	SCALES		0	PIT	900026000146106	
	0514	2	4452	Mountain whitefish	322	SCALES		0	PIT	900026000148896	
	0514	2	4453	Mountain whitefish	285	SCALES		0	PIT	900026000146179	
	0514	2	4454	Mountain whitefish	298	SCALES		0	PIT	900026000148447	
	0514	2	4455	Mountain whitefish	395	SCALES		0	PIT	900026000148413	
	0514	2	4456	Mountain whitefish	285	SCALES	4	0	PIT	900026000146238	
	0514	2	4457	Mountain whitefish	323	SCALES		0	PIT	900026000148486	
	0514	2	4458	Mountain whitefish	324	SCALES		0	PIT	900026000148621	
	0510	2	4459	Longnose sucker	325			0			
	0510	2	4460	Longnose sucker	388			0			
	0510	2	4461	Longnose sucker	219			0			
	0510	2	4462	Longnose sucker	262			0			
	0510	2	4463	Longnose sucker	271			0			
	0510	2	4464	Longnose sucker	229			0			
	0510	2	4465	Largescale sucker	236			0			
	0510	2	4466	Longnose sucker	425			0			
	0510	2	4467	Longnose sucker	416			0			
	0510	2	4468	Longnose sucker	390			0			
	0510	2	4469	Longnose sucker	255			0			
	0510	2	4470	Longnose sucker	218			0			
	0510	2	4471	Longnose sucker	208			0			
	0510	2	4472	Longnose sucker	227			0			
	0510	2	4473	White sucker	347			0			
	0510	2	4474	Longnose sucker	377			0			
	0510	2	4475	Longnose sucker	223			0			
	0510	2	4476	Longnose sucker	296			0			
	0510	2	4477	Mountain whitefish	343	SCALES		2	PIT	900026000057072	
	0510	2	4478	Mountain whitefish	415	SCALES		0	PIT	900026000146194	
	0510	2	4479	Mountain whitefish	291	SCALES		2	PIT	965000000112020	
	0510	2	4480	Mountain whitefish	196	SCALES		0			
	0510	2	4481	Mountain whitefish	415	SCALES		0	PIT	900026000148911	
	0510	2	4482	Arctic grayling	337	SCALES	4	0	PIT	900026000148354	
	0510	2	4483	Mountain whitefish	321	SCALES		2	PIT	965000000084795	
	0510	2	4484	Mountain whitefish	227	SCALES		0			
	0510	2	4485	Longnose sucker	214			0			
	0510	2	4486	Mountain whitefish	238	SCALES	2	0			
	0510	2	4487	Mountain whitefish	350	SCALES		0	PIT	900026000146107	
	0510	2	4488	Mountain whitefish	315	SCALES		2	PIT	900026000052301	
	0510	2	4489	Longnose sucker	248			0			
	0510	2	4490	Mountain whitefish	252	SCALES		0	PIT	900026000148235	
	0510	2	4491	Mountain whitefish	345	SCALES		2	PIT	965000000245062	
	0510	2	4492	Mountain whitefish	273	SCALES		0	PIT	900026000147995	
	0510	2	4493	Mountain whitefish	257	SCALES		0	PIT	900026000148461	
	0510	2	4494	Longnose sucker	223			0			
	0510	2	4495	Bull trout	232	FS	2	0	PIT	900026000148253	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
5												
	0510	2	4496	Mountain whitefish	288	240	SCALES	0	PIT	900026000148969		
	0510	2	4497	Mountain whitefish	309	322	SCALES	6	0	PIT	900026000148491	
	0510	2	4498	Mountain whitefish	305	280	SCALES	2	0	PIT	965000000246355	
	0510	2	4499	Mountain whitefish	373	390	SCALES	2	0	PIT	900026000064309	
	0510	2	4500	Mountain whitefish	278	216	SCALES	0	0	PIT	900026000147993	
	0510	2	4501	Mountain whitefish	314	442	SCALES	0	0	PIT	900026000148477	
	0510	2	4502	Mountain whitefish	184		SCALES	0				
	0510	2	4503	Mountain whitefish	263	190	SCALES	0	0	PIT	900026000148094	
	0510	2	4504	Mountain whitefish	325	336	SCALES	0	0	PIT	900026000145997	
	0510	2	4505	Mountain whitefish	328	366	SCALES	2	0	PIT	965000000092182	
	0510	2	4506	Mountain whitefish	368	450	SCALES	2	0	PIT	0A00722020	
	0510	2	4507	Rainbow trout	342	424	SCALES	2	0	PIT	900026000053017	
	0510	2	4508	Mountain whitefish	353	382	SCALES	2	0	FLOY	11647	WHITE
	0510	2	4509	Longnose sucker	208	112		0				
	0510	2	4510	White sucker	374	596		0				
	0510	2	4511	Mountain whitefish	315	274	SCALES	2	0	PIT	900026000061684	
	0510	2	4512	Mountain whitefish	298	260	SCALES	0	0	PIT	900026000146259	
	0510	2	4513	Mountain whitefish	369	482	SCALES	2	0	PIT	965000000244906	
	0510	2	4514	Mountain whitefish	278	192	SCALES	0	0	PIT	900026000146145	
	0510	2	4515	Mountain whitefish	320	282	SCALES	0	0	PIT	900026000146265	
	0510	2	4516	Mountain whitefish	230		SCALES	0	0	PIT	900026000146161	
	0510	2	4517	Largescale sucker	265	216		0				
	0510	2	4518	Mountain whitefish	303	268	SCALES	3	0	PIT	900026000146020	
	0510	2	4519	Mountain whitefish	282	244	SCALES	0	0	PIT	900026000148435	
	0510	2	4520	Mountain whitefish	317	318	SCALES	5	0	PIT	900026000146278	
	0510	2	4521	Mountain whitefish	298	264	SCALES	6	2	PIT	965000000079466	
	0510	2	4522	Mountain whitefish	265	196	SCALES	0	0	PIT	900026000146209	
	0510	2	4523	Mountain whitefish	300	278	SCALES	5	0	PIT	900026000146222	
	0510	2	4524	Mountain whitefish	306	282	SCALES	2	0	PIT	965000000110510	
	0510	2	4525	Mountain whitefish	278	206	SCALES	0	0	PIT	900026000148558	
	0510	2	4526	Mountain whitefish	154	38	SCALES	0				
	0510	2	4527	Largescale sucker	233	142		0				
	0510	2	4528	Mountain whitefish	293	260	SCALES	0	0	PIT	900026000146008	
	0510	2	4529	Mountain whitefish	264	202	SCALES	0	0	PIT	900026000146215	
	0510	2	4530	Mountain whitefish	245	142	SCALES	4	0			
	0510	2	4531	Longnose sucker	227	110		0				
	0510	2	4532	Longnose sucker	234	128		0				
	0510	2	4533	Mountain whitefish	200	94	SCALES	2	0			
	0510	2	4534	Mountain whitefish	250	168	SCALES	0	0	PIT	900026000146045	
	0503	3	6255	Longnose sucker	392	746		0				
	0503	3	6256	Longnose sucker	347	664		0				
	0503	3	6257	Longnose sucker	355	636		0				
	0503	3	6258	Longnose sucker	403	956		0				
	0503	3	6259	Longnose sucker	406	974		0				
	0503	3	6260	Longnose sucker	341	528		0				
	0503	3	6261	Longnose sucker	407	966		0				
	0503	3	6262	Longnose sucker	418	944		0				
	0503	3	6263	Longnose sucker	362	576		0				
	0503	3	6264	Longnose sucker	387	912		0				
	0503	3	6265	Longnose sucker	322	552		0				
	0503	3	6266	Arctic grayling	342	478	SCALES	4	0	PIT	900026000147346	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0503	3	6267	Arctic grayling	328	384	SCALES	4	0	PIT	900026000147440
	0503	3	6268	Arctic grayling	308	410	SCALES	3	0	PIT	900026000051835
	0503	3	6269	Arctic grayling	354	550	SCALES	4	0	PIT	900026000033499
	0503	3	6270	Arctic grayling	318	410	SCALES	3	0	PIT	900026000147577
	0503	3	6271	Longnose sucker	217	138			0		
	0503	3	6272	Mountain whitefish	340	386	SCALES		0	PIT	900026000053251
	0503	3	6273	Mountain whitefish	310	318	SCALES		2	PIT	900026000055663
	0503	3	6274	Mountain whitefish	245	158	SCALES		0		
	0503	3	6275	Mountain whitefish	319	340	SCALES		2	PIT	965000000078707
	0503	3	6276	Mountain whitefish	281	272	SCALES		0	PIT	900026000147382
	0503	3	6277	Mountain whitefish	305	280	SCALES		2	PIT	965000000073182
	0503	3	6278	Mountain whitefish	293	264	SCALES		2	PIT	965000000072710
	0503	3	6279	Mountain whitefish	313	362	SCALES		0	PIT	900026000147625
	0503	3	6280	Mountain whitefish	306	308	SCALES		2	PIT	900026000051305
	0503	3	6281	Mountain whitefish	230	138	SCALES	2	0		
	0503	3	6282	Mountain whitefish	183	72	SCALES		0		
	0503	3	6283	Mountain whitefish	279	262	SCALES		0	PIT	900026000055814
	0503	3	6284	Mountain whitefish	298	288	SCALES		2	PIT	900026000064573
	0503	3	6285	Mountain whitefish	294	270	SCALES		0	PIT	900026000147936
	0503	3	6286	Mountain whitefish	313	302	SCALES		0	PIT	900026000033460
	0503	3	6287	Mountain whitefish	335	362	SCALES		2	PIT	965000000070217
	0503	3	6288	Mountain whitefish	286	268	SCALES	6	2	PIT	965000000072533
	0503	3	6289	Mountain whitefish	260	182	SCALES		0	PIT	900026000051439
	0503	3	6290	Mountain whitefish	279	248	SCALES		0	PIT	900026000147455
	0503	3	6291	Mountain whitefish	242	186	SCALES		0		
	0503	3	6292	Mountain whitefish	284	260	SCALES		0	PIT	900026000033601
	0503	3	6293	Mountain whitefish	274	228	SCALES		0	PIT	900026000147243
	0503	3	6294	Mountain whitefish	224	128	SCALES		0		
	0503	3	6295	Mountain whitefish	321	468	SCALES		0	PIT	900026000147449
	0503	3	6296	Mountain whitefish	338	316	SCALES		0	PIT	900026000147179
	0503	3	6297	Mountain whitefish	277	236	SCALES		0	PIT	900026000051678
	0503	3	6298	Mountain whitefish	283	240	SCALES		0	PIT	900026000052066
	0503	3	6299	Mountain whitefish	305	328	SCALES		0	PIT	900026000147284
	0503	3	6300	Mountain whitefish	292	250	SCALES		0	PIT	900026000147367
	0503	3	6301	Mountain whitefish	347	374	SCALES		0	PIT	900026000056426
	0503	3	6302	Mountain whitefish	188	84	SCALES		0		
	0503	3	6303	Mountain whitefish	273	214	SCALES		0	PIT	900026000057126
	0503	3	6304	Mountain whitefish	242	158	SCALES		0		
	0503	3	6305	Bull trout	215	106	FS	3	0	PIT	900026000147271
	0503	3	6306	Bull trout	275	220	FS	3	0	PIT	900026000055809
	0501	3	6307	Longnose sucker	425	978			0		
	0501	3	6308	Longnose sucker	387	790			0		
	0501	3	6309	Longnose sucker	372	644			0		
	0501	3	6310	Longnose sucker	387	780			0		
	0501	3	6311	Longnose sucker	375	776			0		
	0501	3	6312	Longnose sucker	412	832			0		
	0501	3	6313	Longnose sucker	294	344			0		
	0501	3	6314	Longnose sucker	185	74			0		
	0501	3	6315	Longnose sucker	229	154			0		
	0501	3	6316	Mountain whitefish	423	670	SCALES		2	PIT	965000000069143
	0501	3	6317	Mountain whitefish	420	742	SCALES		0	PIT	900026000056723

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0501	3	6318	Mountain whitefish	291	252	SCALES		0	PIT	900026000053467
	0501	3	6319	Bull trout	302		FS	5	0	PIT	900026000056107
	0501	3	6320	Mountain whitefish	324	366	SCALES	6	0	PIT	900026000147506
	0501	3	6321	Mountain whitefish	381	494	SCALES	8	0	PIT	900026000147515
	0501	3	6322	Mountain whitefish	331	372	SCALES		0	PIT	900026000063219
	0501	3	6323	Longnose sucker	248	186			0		
	0501	3	6324	Bull trout	350	420	FS	4	0	PIT	900026000053839
	0501	3	6325	Mountain whitefish	361	404	SCALES		2	PIT	965000000238031
	0501	3	6326	Mountain whitefish	256	206	SCALES	5	0	PIT	900026000053925
	0501	3	6327	Mountain whitefish	282	254	SCALES		2	PIT	965000000282714
	0501	3	6328	Mountain whitefish	214	110	SCALES		0		
	0501	3	6329	Longnose sucker	214	118			0		
	0501	3	6330	Longnose sucker	199	100			0		
	0501	3	6331	Longnose sucker	262	218			0		
	0501	3	6332	Mountain whitefish	215	104	SCALES		0		
	0501	3	6333	Mountain whitefish	290	244	SCALES		2	PIT	900026000146050
	0501	3	6334	Mountain whitefish	295	250	SCALES		2	PIT	965000000091807
	0502	3	6335	Longnose sucker	366	712			2	PIT	900026000056569
	0502	3	6336	Longnose sucker	365	638			0		
	0502	3	6337	Longnose sucker	393	834			0		
	0502	3	6338	Longnose sucker	417	922			0		
	0502	3	6339	Longnose sucker	405	838			0		
	0502	3	6340	Longnose sucker	310	378			0		
	0502	3	6341	Longnose sucker	347	512			0		
	0502	3	6342	Longnose sucker	251	210			0		
	0502	3	6343	Mountain whitefish	304	374	SCALES		0	PIT	900026000155301
	0502	3	6344	Mountain whitefish	311	292	SCALES	5	0	PIT	900026000061972
	0502	3	6345	Mountain whitefish	350	380	SCALES		2	PIT	965000000246080
	0502	3	6346	Mountain whitefish	286	260	SCALES		0	PIT	900026000055820
	0502	3	6347	Mountain whitefish	323	342	SCALES		2	PIT	900026000064479
	0502	3	6348	Mountain whitefish	304	298	SCALES		0	PIT	900026000052506
	0502	3	6349	Mountain whitefish	155	42	SCALES		0		
	0502	3	6350	Mountain whitefish	198	94	SCALES		0		
	0502	3	6351	Mountain whitefish	330	394	SCALES		2	PIT	900026000065107
	0502	3	6352	Mountain whitefish	326	352	SCALES		2	PIT	965000000238355
	0502	3	6353	Mountain whitefish	209	110	SCALES		0		
	0502	3	6354	Mountain whitefish	284	242	SCALES		0	PIT	900026000034895
	0502	3	6355	Mountain whitefish	249	178	SCALES		0		
	0502	3	6356	Mountain whitefish	193	80	SCALES	2	0		
	0502	3	6357	Mountain whitefish	387	470	SCALES		2	PIT	965000000085843
	0502	3	6358	Mountain whitefish	353	454	SCALES		0	PIT	900026000055666
	0502	3	6359	Mountain whitefish	381	434	SCALES		0	PIT	900026000147163
	0502	3	6360	Longnose sucker	195	100			0		
	0502	3	6361	Mountain whitefish	311	322	SCALES		0	PIT	900026000051946
	0502	3	6362	Mountain whitefish	345	370	SCALES		0	PIT	900026000055707
	0502	3	6363	Mountain whitefish	421	766	SCALES		0	PIT	900026000147168
	0502	3	6364	Mountain whitefish	263	212	SCALES	5	2	PIT	900026000052891
	0502	3	6365	Mountain whitefish	268	190	SCALES		0	PIT	900026000035442
	0502	3	6366	Mountain whitefish	303	390	SCALES		2	PIT	900026000054817
	0502	3	6367	Mountain whitefish	263	196	SCALES		0	PIT	900026000035220
	0502	3	6368	Mountain whitefish	311	296	SCALES	5	0	PIT	900026000056544

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
5												
	0502	3	6369	Mountain whitefish	270	230	SCALES	5	0	PIT	900026000051903	
	0502	3	6370	Mountain whitefish	320	352	SCALES		0	PIT	900026000057029	
	0502	3	6371	Mountain whitefish	256	206	SCALES		0	PIT	900026000055241	
	0502	3	6372	Mountain whitefish	255	196	SCALES		2	PIT	900026000033436	
	0502	3	6373	Mountain whitefish	394	552	SCALES		2	PIT	0A00726706	
	0502	3	6374	Mountain whitefish	319	370	SCALES		0	PIT	900026000054097	
	0502	3	6375	Mountain whitefish	337	454	SCALES		0	PIT	900026000051971	
	0502	3	6376	Mountain whitefish	290	254	SCALES		0	PIT	900026000055877	
	0502	3	6377	Mountain whitefish	310	352	SCALES	5	2	PIT	965000000081831	
	0502	3	6378	Mountain whitefish	255	176	SCALES		0	PIT	900026000055565	
	0502	3	6379	Mountain whitefish	313	332	SCALES		2	PIT	965000000244755	
	0502	3	6380	Mountain whitefish	264	194	SCALES		0	PIT	900026000051692	
	0502	3	6381	Mountain whitefish	258	214	SCALES		0	PIT	900026000147075	
	0502	3	6382	Mountain whitefish	253	138	SCALES		0	PIT	900026000055788	
	0502	3	6383	Mountain whitefish	191	82	SCALES		0			
	0504	3	6384	Mountain whitefish	437	752	SCALES		2	FLOY	16242	WHITE
	0504	3	6385	Arctic grayling	245	204	SCALES	3	0			
	0504	3	6386	Mountain whitefish	234	144	SCALES		0			
	0504	3	6387	Mountain whitefish	272	206	SCALES		0	PIT	900026000054078	
	0504	3	6388	Mountain whitefish	254	182	SCALES	4	0	PIT	900026000055438	
	0504	3	6389	Mountain whitefish	290	250	SCALES		2	PIT	900026000051831	
	0504	3	6390	Mountain whitefish	291	296	SCALES		2	PIT	965000000068482	
	0504	3	6391	Mountain whitefish	303	288	SCALES		0	PIT	900026000147443	
	0504	3	6392	Mountain whitefish	310	304	SCALES		0	PIT	900026000060371	
	0504	3	6393	Mountain whitefish	299	274	SCALES		0	PIT	900026000055522	
	0504	3	6394	Mountain whitefish	287	230	SCALES		2	PIT	900026000060517	
	0504	3	6395	Mountain whitefish	281	230	SCALES		0	PIT	900026000053412	
	0504	3	6396	Mountain whitefish	264	198	SCALES		0	PIT	900026000147458	
	0504	3	6397	Mountain whitefish	252	172	SCALES		0	PIT	900026000060339	
	0504	3	6398	Mountain whitefish	244	152	SCALES		0			
	0504	3	6399	Mountain whitefish	199	80	SCALES		0			
	0504	3	6400	Mountain whitefish	223	132	SCALES		0			
	0504	3	6401	Mountain whitefish	407	698	SCALES		2	PIT	965000000071798	
	0504	3	6402	Mountain whitefish	351	378	SCALES		2	PIT	900026000054908	
	0504	3	6403	Mountain whitefish	348	382	SCALES		2	PIT	965000000246080	
	0504	3	6404	Mountain whitefish	307	288	SCALES		0	PIT	900026000147705	
	0504	3	6405	Mountain whitefish	323	324	SCALES		0	PIT	900026000051392	
	0504	3	6406	Mountain whitefish	205	96	SCALES		0			
	0504	3	6407	Mountain whitefish	226	124	SCALES		0			
	0504	3	6408	Mountain whitefish	338	416	SCALES		2	PIT	965000000093270	
	0504	3	6409	Mountain whitefish	295	264	SCALES		0	PIT	900026000051628	
	0504	3	6410	Mountain whitefish	280	258	SCALES		0	PIT	900026000035231	
	0504	3	6411	Mountain whitefish	317	314	SCALES		0	PIT	900026000055195	
	0504	3	6412	Mountain whitefish	298	254	SCALES	4	0	PIT	900026000052883	
	0504	3	6413	Mountain whitefish	287	266	SCALES		0	PIT	900026000053814	
	0504	3	6414	Mountain whitefish	269	198	SCALES		0	PIT	900026000055683	
	0504	3	6415	Mountain whitefish	226	130	SCALES		0			
	0504	3	6416	Mountain whitefish	153	44	SCALES	1	0			
	0504	3	6417	Mountain whitefish	204	98	SCALES		0			
	0504	3	6418	Mountain whitefish	259	182	SCALES		0	PIT	900026000055693	
	0504	3	6419	Mountain whitefish	283	214	SCALES		0	PIT	900026000056699	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
5												
	0504	3	6420	Mountain whitefish	194	80	SCALES	0				
	0504	3	6421	Mountain whitefish	163	54	SCALES	0				
	0504	3	6422	Mountain whitefish	221	122	SCALES	0				
	0504	3	6423	Longnose sucker	396	862		0				
	0504	3	6424	Mountain whitefish	303	386	SCALES	2	PIT	900026000054817		
	0504	3	6425	Mountain whitefish	333	318	SCALES	2	PIT	900026000146255		
	0504	3	6426	Mountain whitefish	262	216	SCALES	2	PIT	900026000147075		
	0504	3	6427	Mountain whitefish	254	156	SCALES	0	PIT	900026000056719		
	0504	3	6428	Mountain whitefish	282	274	SO	3	PIT	965000000071395		
	0505	3	6429	Largescale sucker	496	1584		0				
	0505	3	6430	Largescale sucker	456	1252		0				
	0505	3	6431	Largescale sucker	490	1428		0				
	0505	3	6432	Longnose sucker	345	542		0				
	0505	3	6433	Longnose sucker	395	724		0				
	0505	3	6434	Largescale sucker	461	1360		0				
	0505	3	6435	Longnose sucker	373	648		0				
	0505	3	6436	Longnose sucker	351	536		0				
	0505	3	6437	Longnose sucker	364	608		0				
	0505	3	6438	Longnose sucker	288	282		0				
	0505	3	6439	Longnose sucker	417	898		0				
	0505	3	6440	Largescale sucker	404	894		0				
	0505	3	6441	Longnose sucker	242	186		0				
	0505	3	6442	Northern pikeminnow	355	500		0				
	0505	3	6443	Mountain whitefish	311	318	SCALES	2	PIT	900026000051946		
	0505	3	6444	Mountain whitefish	334	280	SCALES	2	PIT	0A00734474		
	0505	3	6445	Mountain whitefish	298	292	SCALES	2	PIT	965000000244949		
	0505	3	6446	Mountain whitefish	353	410	SCALES	6	2	PIT	965000000068901	
	0505	3	6447	Mountain whitefish	303	254	SCALES	2	2	PIT	965000000247302	
	0505	3	6448	Mountain whitefish	281	252	SCALES	2	2	PIT	965000000068475	
	0505	3	6449	Mountain whitefish	215	126	SCALES	0				
	0505	3	6450	Mountain whitefish	380	446	SCALES	0	PIT	900026000147200		
	0505	3	6451	Mountain whitefish	324	350	SCALES	0	PIT	900026000147279		
	0505	3	6452	Mountain whitefish	350	386	SCALES	2	PIT	965000000246080		
	0505	3	6453	Mountain whitefish	288	250	SCALES	2	PIT	965000000068545		
	0505	3	6454	Mountain whitefish	280	246	SCALES	0	PIT	900026000052013		
	0505	3	6455	Mountain whitefish	287	260	SCALES	2	PIT	965000000282878		
	0505	3	6456	Mountain whitefish	255	194	SCALES	0	PIT	900026000056024		
	0505	3	6457	Mountain whitefish	198	74	SCALES	0				
	0505	3	6458	Mountain whitefish	253	162	SCALES	0	PIT	900026000056454		
	0505	3	6459	Mountain whitefish	193	80	SCALES	2	0			
	0505	3	6460	Mountain whitefish	310	314	SCALES	2	2	PIT	965000000083682	
	0505	3	6461	Mountain whitefish	285	234	SCALES	0	PIT	900026000053549		
	0505	3	6462	Mountain whitefish	223	138	SCALES	0				
	0505	3	6463	Mountain whitefish	256	196	SCALES	0	PIT	900026000147108		
	0505	3	6464	Mountain whitefish	306	282	SCALES	2	PIT	965000000070663		
	0505	3	6465	Mountain whitefish	222	138	SCALES	0				
	0505	3	6466	Bull trout	240	136	FS	3	0	PIT	900026000147019	
	0505	3	6467	Bull trout	355	462	FS	4	0	PIT	900026000147612	
	0506	3	6468	Walleye	472	1112	FIN RAY	0	PIT	900026000147943		
	0506	3	6469	Walleye	479	1242	FIN RAY	0	PIT	900026000147124		
	0506	3	6470	Longnose sucker	437	1174		0				

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
5												
	0506	3	6471	Longnose sucker	446			974		0		
	0506	3	6472	Longnose sucker	375			702		0		
	0506	3	6473	Longnose sucker	414			842		0		
	0506	3	6474	Longnose sucker	413			922		0		
	0506	3	6475	Longnose sucker	363			622		0		
	0506	3	6476	Longnose sucker	252			192		0		
	0506	3	6477	Longnose sucker	203			108		0		
	0506	3	6478	Longnose sucker	299			312		0		
	0506	3	6479	Longnose sucker	385			662		0		
	0506	3	6480	Longnose sucker	382			674		0		
	0506	3	6481	Longnose sucker	363			606		0		
	0506	3	6482	Longnose sucker	195			92		0		
	0506	3	6483	Longnose sucker	327			460		0		
	0506	3	6484	Longnose sucker	390			786		0		
	0506	3	6485	Longnose sucker	363			364		0		
	0506	3	6486	Longnose sucker	340			512		0		
	0506	3	6487	Longnose sucker	409			814		0		
	0506	3	6488	Longnose sucker	215			114		0		
	0506	3	6489	Longnose sucker	372			584		0		
	0506	3	6490	Longnose sucker	394			736	2	PIT	900026000063198	
	0506	3	6491	Longnose sucker	378			706		0		
	0506	3	6492	Longnose sucker	411			908		0		
	0506	3	6493	Longnose sucker	387			672		0		
	0506	3	6494	Longnose sucker	357			552		0		
	0506	3	6495	Northern pikeminnow	240			152		0		
	0506	3	6496	Longnose sucker	395			666		0		
	0506	3	6497	Mountain whitefish	373			414	2	PIT	4D00034442	
	0506	3	6498	Mountain whitefish	340			416	0	PIT	900026000055983	
	0506	3	6499	Mountain whitefish	368			414	0	SCALES		
	0506	3	6500	Mountain whitefish	320			256	0	SCALES		
	0506	3	6501	Mountain whitefish	299			270	0	SCALES		
	0507	3	6502	Longnose sucker	385			762		0		
	0507	3	6503	Longnose sucker	323			484		0		
	0507	3	6504	Longnose sucker	360			660		0		
	0507	3	6505	Longnose sucker	374			690		0		
	0507	3	6506	Northern pike	508			914	0	FIN RAY		
	0507	3	6507	Arctic grayling	328			384	4	0	PIT	900026000147207
	0507	3	6508	Bull trout	300			306	4	0	PIT	900026000052341
	0507	3	6509	Mountain whitefish	260			202	2	0	PIT	900026000055274
	0507	3	6510	Mountain whitefish	290			268	0	0	PIT	900026000053368
	0507	3	6511	Mountain whitefish	247			186	0	0	SCALES	
	0507	3	6512	Mountain whitefish	358			466	0	0	PIT	900026000060751
	0507	3	6513	Mountain whitefish	428			600	0	0	PIT	900026000147283
	0507	3	6514	Mountain whitefish	216			104	0	0	SCALES	
	0507	3	6515	Mountain whitefish	246			182	0	0	SCALES	
	0507	3	6516	Mountain whitefish	342			368	0	0	PIT	900026000147687
	0507	3	6517	Mountain whitefish	340			380	2	0	PIT	96500000088912
	0507	3	6518	Mountain whitefish	261			218	0	0	PIT	900026000147549
	0507	3	6519	Mountain whitefish	308			318	0	0	PIT	900026000034943
	0507	3	6520	Mountain whitefish	250			174	4	0	PIT	900026000052310
	0507	3	6521	Mountain whitefish	371			400	0	0	PIT	900026000055692

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0507	3	6522	Mountain whitefish	300	294	SCALES	0	PIT	900026000147360	
	0507	3	6523	Mountain whitefish	222	124	SCALES	0			
	0507	3	6524	Mountain whitefish	366	474	SCALES	2	PIT	965000000072056	
	0507	3	6525	Mountain whitefish	374	372	SCALES	2	PIT	900026000061823	
	0507	3	6526	Mountain whitefish	300	270	SCALES	2	PIT	900026000052017	
	0508	3	6527	Longnose sucker	365	652		0			
	0508	3	6528	Longnose sucker	258	178		0			
	0508	3	6529	Largescale sucker	395	778		0			
	0508	3	6530	Longnose sucker	368	654		0			
	0508	3	6531	Longnose sucker	309	332		0			
	0508	3	6532	Longnose sucker	363	698		0			
	0508	3	6533	Longnose sucker	308	354		0			
	0508	3	6534	Longnose sucker	343	516		0			
	0508	3	6535	Longnose sucker	333	476		0			
	0508	3	6536	Longnose sucker	353	580		0			
	0508	3	6537	Longnose sucker	450	1292		0			
	0508	3	6538	Longnose sucker	394	742		0			
	0508	3	6539	Longnose sucker	461	1012		0			
	0508	3	6540	Longnose sucker	386	658		0			
	0508	3	6541	Longnose sucker	411	938		0			
	0508	3	6542	Longnose sucker	264	194		0			
	0508	3	6543	Mountain whitefish	392	458	SCALES	2	PIT	900026000035239	
	0508	3	6544	Mountain whitefish	338	298	SCALES	0	PIT	900026000052243	
	0508	3	6545	Mountain whitefish	281	222	SCALES	0	PIT	900026000155399	
	0508	3	6546	Mountain whitefish	310	274	SCALES	2	PIT	965000000010099	
	0508	3	6547	Mountain whitefish	290	242	SCALES	2	PIT	900026000061660	
	0508	3	6548	Mountain whitefish	320	380	SCALES	0	PIT	900026000055532	
	0508	3	6549	Mountain whitefish	295	278	SCALES	0	PIT	900026000057181	
	0508	3	6550	Mountain whitefish	291	298	SCALES	0	PIT	900026000055423	
	0508	3	6551	Mountain whitefish	261	162	SCALES	0	PIT	900026000035489	
	0508	3	6552	Mountain whitefish	235	136	SCALES	0			
	0508	3	6553	Mountain whitefish	330	316	SCALES	2	PIT	965000000112352	
	0508	3	6554	Mountain whitefish	198	86	SCALES	0			
	0508	3	6555	Mountain whitefish	268	202	SCALES	2	PIT	900026000146044	
	0508	3	6556	Mountain whitefish	370	424	SCALES	2	PIT	0A00747247	
	0508	3	6557	Mountain whitefish	283	218	SCALES	0	PIT	900026000053032	
	0508	3	6558	Mountain whitefish	281	230	SCALES	5	0	PIT	900026000055405
	0508	3	6559	Mountain whitefish	295	240	SCALES	0	PIT	900026000147074	
	0508	3	6560	Mountain whitefish	255	168	SCALES	2	PIT	900026000055911	
	0508	3	6561	Mountain whitefish	232	138	SCALES	0			
	0508	3	6562	Mountain whitefish	335	374	SCALES	2	PIT	965000000067997	
	0508	3	6563	Mountain whitefish	246	152	SCALES	0			
	0508	3	6564	Mountain whitefish	285	230	SCALES	0	PIT	900026000056954	
	0508	3	6565	Mountain whitefish	287	248	SCALES	4	2	PIT	965000000282426
	0508	3	6566	Mountain whitefish	300	282	SCALES	2	PIT	900026000053426	
	0508	3	6567	Mountain whitefish	257	194	SCALES	0	PIT	900026000057524	
	0508	3	6568	Mountain whitefish	152	48	SCALES	0			
	0508	3	6569	Mountain whitefish	200	86	SCALES	0			
	0508	3	6570	Mountain whitefish	211	112	SCALES	0			
	0508	3	6571	Mountain whitefish	229	124	SCALES	0			
	0508	3	6572	Mountain whitefish	200	102	SCALES	0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5	0508	3	6573	Mountain whitefish	184	70	SCALES	0			
	0508	3	6574	Mountain whitefish	263	186	SCALES	4	0	PIT	900026000056232
	0508	3	6575	Mountain whitefish	229	122	SCALES	3	0		
	0508	3	6576	Longnose sucker	209	104		0			
	0508	3	6577	Mountain whitefish	158	48	SCALES	0			
	0509	3	6578	White sucker	506	1592		0			
	0509	3	6579	White sucker	346	560		0			
	0509	3	6580	Largescale sucker	476	1372		0			
	0509	3	6581	Largescale sucker	436	1086		0			
	0509	3	6582	Largescale sucker	455	1360		0			
	0509	3	6583	Walleye	349	482	FIN RAY	0		PIT	900026000054083
	0509	3	6584	Walleye	415	776	FIN RAY	0		PIT	900026000052277
	0509	3	6585	Walleye	452	962	FIN RAY	0		PIT	900026000056973
	0509	3	6586	Mountain whitefish	391	570	SCALES	0		PIT	900026000057339
	0509	3	6587	Mountain whitefish	265	218	SCALES	2		PIT	900026000054395
	0509	3	6588	Mountain whitefish	262	232	SCALES	0		PIT	900026000147105
	0509	3	6589	Mountain whitefish	252	186	SCALES	0		PIT	900026000035135
	0509	3	6590	Mountain whitefish	273	242	SCALES	0		PIT	900026000147254
	0509	3	6591	Mountain whitefish	222	114	SCALES	3	0		
	0509	3	6592	Mountain whitefish	243	152	SCALES	0			
	0509	3	6593	Mountain whitefish	331	328	SCALES	2		FLOY	14900 WHITE
	0509	3	6594	Mountain whitefish	230	140	SCALES	0			
	0509	3	6595	Mountain whitefish	204	94	SCALES	0			
	0509	3	6596	Mountain whitefish	189	68	SCALES	0			
	0509	3	6597	Mountain whitefish	180	64	SCALES	0			
	0509	3	6598	Mountain whitefish	192	86	SCALES	2	0		
	0509	3	6599	Mountain whitefish	160	46	SCALES	0			
	0509	3	6600	Mountain whitefish	383	434	SCALES	2		PIT	900026000065264
	0509	3	6601	Mountain whitefish	404	572	SCALES	2		PIT	900026000053489
	0509	3	6602	Mountain whitefish	269	234	SCALES	0		PIT	900026000057206
	0509	3	6603	Bull trout	202	98	FS	2	0	PIT	900026000055755
	0509	3	6604	Mountain whitefish	317	342	SCALES	0		PIT	900026000055321
	0509	3	6605	Mountain whitefish	295	310	SCALES	0		PIT	900026000051251
	0509	3	6606	Mountain whitefish	283	252	SCALES	0		PIT	900026000083401
	0509	3	6607	Mountain whitefish	274	224	SCALES	0		PIT	900026000083534
	0509	3	6608	Mountain whitefish	312	274	SCALES	0		PIT	900026000083193
	0509	3	6609	Mountain whitefish	288	252	SCALES	0		PIT	900026000083231
	0509	3	6610	Mountain whitefish	163	50	SCALES	1	1		
	0511	3	6611	Longnose sucker	365	60		0			
	0511	3	6612	Longnose sucker	394	770		0			
	0511	3	6613	Longnose sucker	407	832		0			
	0511	3	6614	Longnose sucker	423	772		0			
	0511	3	6615	Longnose sucker	423	816		0			
	0511	3	6616	Longnose sucker	400	760		0			
	0511	3	6617	Longnose sucker	392	792		0			
	0511	3	6618	Longnose sucker	409	804		0			
	0511	3	6619	Longnose sucker	426	974		0			
	0511	3	6620	Longnose sucker	375	702		0			
	0511	3	6621	Longnose sucker	440	1052		0			
	0511	3	6622	Longnose sucker	394	836		0			
	0511	3	6623	Walleye	462	1028	FIN RAY	0		PIT	905795793835956

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0511	3	6624	Longnose sucker	380			0			
	0511	3	6625	Mountain whitefish	481			2	PIT	965000000112229	
	0511	3	6626	Mountain whitefish	358			2	PIT	900026000055549	
	0511	3	6627	Mountain whitefish	294			0	PIT	900026000147855	
	0511	3	6628	Mountain whitefish	327			0	PIT	900026000065022	
	0511	3	6629	Mountain whitefish	260			0	PIT	900026000147772	
	0511	3	6630	Mountain whitefish	303			0	PIT	900026000035256	
	0511	3	6631	Mountain whitefish	250			0	PIT	900026000063169	
	0511	3	6632	Mountain whitefish	324			0	PIT	900026000147526	
	0511	3	6633	Mountain whitefish	367			0	PIT	900026000147227	
	0511	3	6634	Mountain whitefish	308			2	PIT	965000000087815	
	0511	3	6635	Mountain whitefish	349			0	PIT	900026000147685	
	0511	3	6636	Mountain whitefish	304			0	PIT	900026000056606	
	0511	3	6637	Mountain whitefish	330			0	PIT	900026000147112	
	0511	3	6638	Mountain whitefish	272			2	PIT	900026000057206	
	0511	3	6639	Longnose sucker	336			0			
	0511	3	6640	Mountain whitefish	352			2	PIT	900026000056343	
	0511	3	6641	Mountain whitefish	343		6	2	PIT	900026000061287	
	0511	3	6642	Mountain whitefish	291			2	PIT	965000000001554	
	0511	3	6643	Mountain whitefish	295			2	PIT	965000000089772	
	0511	3	6644	Mountain whitefish	377		10	2	PIT	965000000070595	
	0511	3	6645	Mountain whitefish	350			2	PIT	965000000281286	
	0511	3	6646	Mountain whitefish	257			0	PIT	900026000147525	
	0511	3	6647	Mountain whitefish	333		6	0	PIT	900026000035352	
	0511	3	6648	Mountain whitefish	254			0	PIT	900026000055503	
	0511	3	6649	Mountain whitefish	310			2	PIT	965000000247905	
	0511	3	6650	Mountain whitefish	274			2	PIT	900026000056098	
	0511	3	6651	Mountain whitefish	325			2	PIT	0A00705868	
	0511	3	6652	Mountain whitefish	295		5	0	PIT	900026000147325	
	0511	3	6653	Mountain whitefish	360			2	PIT	900026000083824	
	0511	3	6654	Mountain whitefish	335			0	PIT	900026000147120	
	0511	3	6655	Mountain whitefish	275			0	PIT	900026000147122	
	0511	3	6656	Mountain whitefish	357			0	PIT	900026000147368	
	0511	3	6657	Northern pikeminnow	324			0			
	0511	3	6658	Mountain whitefish	260			0	PIT	900026000147100	
	0511	3	6659	Mountain whitefish	275			0	PIT	900026000147369	
	0511	3	6660	Longnose sucker	271			0			
	0511	3	6661	Rainbow trout	273			0	PIT	900026000147664	
	0512	3	6662	Largescale sucker	489			0			
	0512	3	6663	Longnose sucker	405			0			
	0512	3	6664	Longnose sucker	265			0			
	0512	3	6665	Longnose sucker	328			0			
	0512	3	6666	Longnose sucker	346			0			
	0512	3	6667	Mountain whitefish	309			0	PIT	900026000035204	
	0512	3	6668	Mountain whitefish	285			0	PIT	900026000055180	
	0512	3	6669	Mountain whitefish	363			0	PIT	900026000147621	
	0512	3	6670	Mountain whitefish	302			0	PIT	900026000147143	
	0512	3	6671	Mountain whitefish	437			0	PIT	900026000052457	
	0512	3	6672	Longnose sucker	265			0			
	0512	3	6673	Mountain whitefish	357			0	PIT	900026000147336	
	0512	3	6674	Mountain whitefish	320		5	0	PIT	900026000147297	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0512	3	6675	Mountain whitefish	299	272	SCALES	0	PIT	900026000147146	
	0512	3	6676	Mountain whitefish	246	162	SCALES	0			
	0512	3	6677	Mountain whitefish	340	350	SCALES	0	PIT	900026000147396	
	0512	3	6678	Mountain whitefish	362	430	SCALES	7	2	PIT	965000000246418
	0512	3	6679	Mountain whitefish	293	264	SCALES	0	PIT	900026000147870	
	0512	3	6680	Mountain whitefish	297	266	SCALES	2	PIT	965000000238984	
	0512	3	6681	Mountain whitefish	353	354	SCALES	2	PIT	965000000238500	
	0512	3	6682	Mountain whitefish	314	278	SCALES	0	PIT	900026000147677	
	0512	3	6683	Mountain whitefish	280	230	SCALES	0	PIT	900026000147245	
	0512	3	6684	Bull trout	405	646	FS	6	0	PIT	900026000147488
	0515	3	6685	Longnose sucker	409	906			0		
	0515	3	6686	Longnose sucker	333	516			0		
	0515	3	6687	Longnose sucker	367	580			0		
	0515	3	6688	Longnose sucker	372	648			0		
	0515	3	6689	Longnose sucker	355	568			0		
	0515	3	6690	Longnose sucker	361	600			0		
	0515	3	6691	Longnose sucker	398	740			0		
	0515	3	6692	Longnose sucker	349	536			0		
	0515	3	6693	Longnose sucker	377	742			0		
	0515	3	6694	Longnose sucker	417	952			0		
	0515	3	6695	Longnose sucker	383	738			0		
	0515	3	6696	Longnose sucker	390	858			0		
	0515	3	6697	Longnose sucker	415	882			0		
	0515	3	6698	Longnose sucker	365	630			0		
	0515	3	6699	Longnose sucker	421	956			0		
	0515	3	6700	Longnose sucker	358	560			0		
	0515	3	6701	White sucker	350	544			0		
	0515	3	6702	Mountain whitefish	372	508	SCALES	2	PIT	965000000088414	
	0515	3	6703	Mountain whitefish	365	468	SCALES	0	PIT	900026000147256	
	0515	3	6704	Mountain whitefish	341	342	SCALES	2	PIT	4D00036154	
	0515	3	6705	Mountain whitefish	308	342	SCALES	0	PIT	900026000147131	
	0515	3	6706	Mountain whitefish	375	406	SCALES	2	PIT	965000000069959	
	0515	3	6707	Mountain whitefish	292	262	SCALES	0	PIT	900026000034726	
	0515	3	6708	Mountain whitefish	353	446	SCALES	0	PIT	900026000147611	
	0515	3	6709	Mountain whitefish	258	190	SCALES	0	PIT	900026000051232	
	0515	3	6710	Mountain whitefish	253	172	SCALES	0	PIT	900026000055504	
	0515	3	6711	Mountain whitefish	325	374	SCALES	0	PIT	900026000063244	
	0515	3	6712	Mountain whitefish	293	244	SCALES	0	PIT	900026000147411	
	0515	3	6713	Mountain whitefish	255	192	SCALES	0	PIT	900026000147145	
	0515	3	6714	Mountain whitefish	329	356	SCALES	0	PIT	900026000147209	
	0515	3	6715	Mountain whitefish	310	278	SCALES	0	PIT	900026000051950	
	0515	3	6716	Mountain whitefish	380	500	SCALES	2	PIT	965000000007961	
	0515	3	6717	Mountain whitefish	330	288	SCALES	2	PIT	965000000238705	
	0515	3	6718	Mountain whitefish	240	156	SCALES	0			
	0515	3	6719	Mountain whitefish	339	338	SCALES	0	PIT	900026000055471	
	0515	3	6720	Mountain whitefish	308	282	SCALES	2	PIT	965000000088998	
	0515	3	6721	Mountain whitefish	280	226	SCALES	0	PIT	900026000147791	
	0515	3	6722	Mountain whitefish	283	236	SCALES	6	0	PIT	900026000147281
	0515	3	6723	Mountain whitefish	280	220	SCALES	4	0	PIT	900026000147516
	0515	3	6724	Mountain whitefish	328	336	SCALES	0	PIT	900026000051388	
	0515	3	6725	Longnose sucker	224	148			0		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0515	3	6726	Mountain whitefish	317	274	SO	1			
	0513	3	6727	Longnose sucker	410	810		0			
	0513	3	6728	Longnose sucker	397	766		0			
	0513	3	6729	Longnose sucker	371	604		0			
	0513	3	6730	Longnose sucker	420	934		0			
	0513	3	6731	Longnose sucker	474	1194		0			
	0513	3	6732	Longnose sucker	427	894		0			
	0513	3	6733	Longnose sucker	418	896		0			
	0513	3	6734	Longnose sucker	412	814		0			
	0513	3	6735	Longnose sucker	444	1126		0			
	0513	3	6736	Largescale sucker	448	1144		0			
	0513	3	6737	Longnose sucker	365	654		0			
	0513	3	6738	Longnose sucker	370	596		0			
	0513	3	6739	Longnose sucker	449	1198		0			
	0513	3	6740	Longnose sucker	364	606		0			
	0513	3	6741	Longnose sucker	377	692		0			
	0513	3	6742	Mountain whitefish	478	1114	SCALES	2	PIT	900026000148194	
	0513	3	6743	Mountain whitefish	392	616	SCALES	2	PIT	900026000057463	
	0513	3	6744	Mountain whitefish	373	514	SCALES	2	PIT	965000000088414	
	0513	3	6745	Mountain whitefish	367	474	SCALES	2	PIT	900026000147256	
	0513	3	6746	Mountain whitefish	423	620	SCALES	2	FLOY	15013	WHITE
	0513	3	6747	Mountain whitefish	354	372	SCALES	0	PIT	900026000147635	
	0513	3	6748	Mountain whitefish	283	252	SCALES	2	PIT	965000000007960	
	0513	3	6749	Mountain whitefish	368	422	SCALES	2	PIT	0A00710167	
	0513	3	6750	Mountain whitefish	345	372	SCALES	2	PIT	900026000063482	
	0513	3	6751	Mountain whitefish	302	312	SCALES	2	PIT	900026000052543	
	0513	3	6752	Mountain whitefish	370	472	SCALES	2	PIT	900026000064273	
	0513	3	6753	Mountain whitefish	368	432	SCALES	0	PIT	900026000147194	
	0513	3	6754	Mountain whitefish	280	260	SCALES	4	0	PIT	900026000055902
	0513	3	6755	Mountain whitefish	277	226	SCALES	2	PIT	900026000051183	
	0513	3	6756	Mountain whitefish	361	448	SCALES	2	PIT	900026000147611	
	0513	3	6757	Mountain whitefish	304	282	SCALES	0	PIT	900026000147311	
	0513	3	6758	Longnose sucker	244	176		0			
	0513	3	6759	Longnose sucker	217	112		0			
	0513	3	6760	Mountain whitefish	350	382	SCALES	2	PIT	965000000077396	
	0513	3	6761	Mountain whitefish	350	386	SCALES	0	PIT	900026000055325	
	0513	3	6762	Mountain whitefish	293	270	SCALES	0	PIT	900026000147807	
	0513	3	6763	Mountain whitefish	305	284	SCALES	5	0	PIT	900026000147967
	0513	3	6764	Mountain whitefish	245	144	SCALES	0			
	0513	3	6765	Mountain whitefish	269	196	SCALES	0	PIT	900026000147107	
	0513	3	6766	Mountain whitefish	259	190	SCALES	0	PIT	900026000035103	
	0513	3	6767	Mountain whitefish	297	270	SCALES	0	PIT	900026000147208	
	0513	3	6768	Mountain whitefish	252	160	SCALES	0	PIT	900026000053563	
	0513	3	6769	Longnose sucker	232	130		0			
	0514	3	6770	Largescale sucker	405	858		0			
	0514	3	6771	Longnose sucker	425	980		0			
	0514	3	6772	Longnose sucker	318	474		0			
	0514	3	6773	Longnose sucker	360	620		0			
	0514	3	6774	Longnose sucker	394	820		0			
	0514	3	6775	Largescale sucker	560	2196		0			
	0514	3	6776	Largescale sucker	520	1782		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0514	3	6777	Largescale sucker	527	1606		0			
	0514	3	6778	Longnose sucker	402	936		0			
	0514	3	6779	Longnose sucker	374	648		0			
	0514	3	6780	Longnose sucker	414	1038		0			
	0514	3	6781	Longnose sucker	337	532		0			
	0514	3	6782	Longnose sucker	360	626		0			
	0514	3	6783	Mountain whitefish	195	92	SCALES	0			
	0514	3	6784	Mountain whitefish	344	382	SCALES	0	PIT	900026000063196	
	0514	3	6785	Mountain whitefish	402	536	SCALES	7	0	PIT	900026000147366
	0514	3	6786	Mountain whitefish	233	128	SCALES	0			
	0514	3	6787	Mountain whitefish	349	412	SCALES	2	PIT	96500000092507	
	0514	3	6788	Mountain whitefish	323	308	SCALES	0	PIT	900026000035212	
	0514	3	6789	Mountain whitefish	307	328	SCALES	0	PIT	900026000147400	
	0514	3	6790	Mountain whitefish	310	308	SCALES	0	PIT	900026000064856	
	0514	3	6791	Mountain whitefish	341	390	SCALES	0	PIT	900026000051613	
	0514	3	6792	Mountain whitefish	309	316	SCALES	2	PIT	900026000061927	
	0514	3	6793	Mountain whitefish	313	320	SCALES	0	PIT	900026000147000	
	0514	3	6794	Mountain whitefish	374	518	SCALES	7	0	PIT	900026000147623
	0514	3	6795	Mountain whitefish	257	194	SCALES	0	PIT	900026000147876	
	0514	3	6796	Mountain whitefish	330	420	SCALES	0	PIT	900026000147833	
	0514	3	6797	Mountain whitefish	356	426	SCALES	0	PIT	900026000147327	
	0514	3	6798	Mountain whitefish	266	206	SCALES	0	PIT	900026000147195	
	0514	3	6799	Bull trout	200	82	FS	2	0	PIT	900026000051385
	0510	3	6800	Longnose sucker	431	746		0			
	0510	3	6801	Longnose sucker	392	766		0			
	0510	3	6802	White sucker	492	1652		0			
	0510	3	6803	Longnose sucker	337	544		0			
	0510	3	6804	Longnose sucker	392	718		0			
	0510	3	6805	Longnose sucker	427	1044		0			
	0510	3	6806	Longnose sucker	407	842		0			
	0510	3	6807	Longnose sucker	379	714		0			
	0510	3	6808	Largescale sucker	497	1702		0			
	0510	3	6809	Longnose sucker	340	516		0			
	0510	3	6810	Longnose sucker	405	824		0			
	0510	3	6811	Longnose sucker	383	650		0			
	0510	3	6812	Longnose sucker	363	590		0			
	0510	3	6813	White sucker	311	340		0			
	0510	3	6814	Longnose sucker	372	746		0			
	0510	3	6815	Longnose sucker	193	80		0			
	0510	3	6816	Mountain whitefish	457	700	SCALES	10	2	PIT	965000000088679
	0510	3	6817	Mountain whitefish	374	560	SCALES	0	PIT	900026000083701	
	0510	3	6818	Mountain whitefish	387	576	SCALES	0	PIT	900026000148159	
	0510	3	6819	Mountain whitefish	404	508	SCALES	2	PIT	965000000067514	
	0510	3	6820	Mountain whitefish	315	332	SCALES	6	2	PIT	965000000245701
	0510	3	6821	Mountain whitefish	255	196	SCALES	0	PIT	900026000083225	
	0510	3	6822	Mountain whitefish	384	458	SCALES	0	PIT	900026000083612	
	0510	3	6823	Mountain whitefish	370	462	SCALES	2	PIT	965000000065715	
	0510	3	6824	Mountain whitefish	385	542	SCALES	0	PIT	900026000148789	
	0510	3	6825	Mountain whitefish	380	474	SCALES	2	FLOY	14052	WHITE
	0510	3	6826	Mountain whitefish	355	390	SCALES	0	PIT	900026000148778	
	0510	3	6827	Mountain whitefish	372	484	SCALES	2	PIT	965000000090853	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0510	3	6828	Mountain whitefish	286	244	SCALES	0	PIT	900026000148185	
	0510	3	6829	Mountain whitefish	342	402	SCALES	0	PIT	900026000083382	
	0510	3	6830	Mountain whitefish	305	290	SCALES	2	PIT	965000000246355	
	0510	3	6831	Mountain whitefish	333	350	SCALES	5	0	PIT	900026000083658
	0510	3	6832	Mountain whitefish	359	384	SCALES	0	PIT	900026000083366	
	0510	3	6833	Mountain whitefish	305	254	SCALES	2	PIT	900026000053969	
	0510	3	6834	Mountain whitefish	294	236	SCALES	2	PIT	965000000112020	
	0510	3	6835	Mountain whitefish	272	210	SCALES	0	PIT	900026000083547	
	0510	3	6836	Mountain whitefish	338	352	SCALES	0	PIT	900026000083721	
	0510	3	6837	Mountain whitefish	295	274	SCALES	0	PIT	900026000148692	
	0510	3	6838	Mountain whitefish	276	228	SCALES	0	PIT	900026000148982	
	0510	3	6839	Mountain whitefish	322	374	SCALES	0	PIT	900026000083422	
	0510	3	6840	Mountain whitefish	311	296	SCALES	2	PIT	965000000092997	
	0510	3	6841	Mountain whitefish	271	230	SCALES	0	PIT	900026000148821	
	0510	3	6842	Mountain whitefish	307	326	SCALES	0	PIT	900026000083255	
	0510	3	6843	Mountain whitefish	300	260	SCALES	2	PIT	900026000053522	
	0510	3	6844	Mountain whitefish	393	570	SCALES	2	PIT	900026000061012	
	0510	3	6845	Mountain whitefish	317	268	SCALES	2	PIT	965000000088175	
	0510	3	6846	Mountain whitefish	247	138	SCALES	4	0		
	0510	3	6847	Mountain whitefish	199	82	SCALES	0			
	0510	3	6848	Mountain whitefish	273	194	SCALES	0	PIT	900026000083566	
	0510	3	6849	Mountain whitefish	279	220	SCALES	0	PIT	900026000083810	
	0510	3	6850	Longnose sucker	249	182		0			
	0510	3	6851	Longnose sucker	249	180		0			
	0510	3	6852	Longnose sucker	295	292		0			
	0510	3	6853	Mountain whitefish	346	344	SCALES	2	PIT	900026000051601	
	0510	3	6854	Mountain whitefish	297	232	SCALES	0	PIT	900026000148273	
	0510	3	6855	Mountain whitefish	222	112	SCALES	3	0		
	0510	3	6856	Longnose sucker	156	40		0			
	0503	4	8463	Longnose sucker	384	690		0			
	0503	4	8464	Longnose sucker	400	736		0			
	0503	4	8465	Longnose sucker	386	766		0			
	0503	4	8466	Mountain whitefish	294	260	SCALES	2	PIT	900026000051271	
	0503	4	8467	Arctic grayling	316	406	SCALES	4	2	PIT	900026000147577
	0503	4	8468	Mountain whitefish	315		SCALES	0	PIT	900026000147809	
	0503	4	8469	Mountain whitefish	293	272	SCALES	0	PIT	900026000083944	
	0503	4	8470	Mountain whitefish	295		SCALES	2	PIT	965000000076833	
	0503	4	8471	Mountain whitefish	212	106	SCALES	0			
	0503	4	8472	Longnose sucker	373	684		0			
	0503	4	8473	Longnose sucker	288	338		0			
	0503	4	8474	Mountain whitefish	279	210	SCALES	0	PIT	900026000147896	
	0503	4	8475	Mountain whitefish	262	170	SCALES	0	PIT	900026000084002	
	0503	4	8476	Mountain whitefish	357	434	SCALES	8	0	PIT	900026000148049
	0503	4	8477	Mountain whitefish	295	254	SCALES	0	PIT	900026000083823	
	0503	4	8478	Mountain whitefish	213	108	SCALES	0			
	0503	4	8479	Mountain whitefish	245	166	SCALES	0			
	0503	4	8480	Mountain whitefish	475	984	SCALES	0	PIT	900026000148556	
	0503	4	8481	Mountain whitefish	351		SCALES	5	PIT	900026000083930	
	0503	4	8482	Mountain whitefish	285		SCALES	2	PIT	900026000146078	
	0503	4	8483	Mountain whitefish	262	196	SCALES	0	PIT	900026000083243	
	0503	4	8484	Mountain whitefish	262	220	SCALES	5	0	PIT	900026000083808

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	4	8485	Mountain whitefish	285	246	SCALES		0	PIT	900026000084111	
	4	8486	Arctic grayling	333		SCALES	4	2	PIT	965000000278858	
	4	8487	Mountain whitefish	261	196	SCALES		2	PIT	900026000063567	
	4	8488	Mountain whitefish	256	158	SCALES		0	PIT	900026000083334	
	4	8489	Mountain whitefish	306	296	SCALES		0	PIT	900026000083749	
	4	8490	Mountain whitefish	217	108	SCALES		0			
	4	8491	Mountain whitefish	200	86	SCALES		0			
	4	8492	Largescale sucker	526	2072			0			
	4	8493	Mountain whitefish	281	240	SCALES		0	PIT	900026000147039	
	4	8494	Mountain whitefish	298	336	SCALES		2	PIT	965000000070956	
	4	8495	White sucker	357	582			0			
	4	8496	Mountain whitefish	307	342	SCALES		0	PIT	900026000055161	
	4	8497	Mountain whitefish	307	328	SCALES		0	PIT	900026000083878	
	4	8498	Mountain whitefish	242	180	SCALES		0			
	4	8499	Mountain whitefish	284	234	SCALES		2	PIT	900026000053295	
	4	8500	Mountain whitefish	252	202	SCALES	4	0	PIT	900026000083980	
	4	8501	Longnose sucker	178	74			0			
	4	8502	Mountain whitefish	223	128	SCALES		0			
	4	8503	Longnose sucker	418	994			0			
	4	8504	Mountain whitefish	266	224	SCALES		2	PIT	900026000061919	
	4	8505	Mountain whitefish	250	204	SCALES		0	PIT	900026000083174	
	4	8506	Mountain whitefish	261	202	SCALES		0	PIT	900026000083977	
	4	8507	Mountain whitefish	164	64	SCALES		0			
	4	8508	Mountain whitefish	354	460	SCALES		2	PIT	965000000087676	
	4	8509	Mountain whitefish	319	354	SCALES		0	PIT	900026000083690	
	4	8510	Mountain whitefish	323	408	SCALES		2	PIT	965000000090408	
	4	8511	Mountain whitefish	301	338	SCALES		0	PIT	900026000083760	
	4	8512	Mountain whitefish	248	218	SCALES		5	0		
	4	8513	Longnose sucker	192	106			0			
	4	8514	Mountain whitefish	193	98	SCALES		2	0		
	4	8515	Mountain whitefish	337	390	SCALES		0	PIT	900026000148111	
	4	8516	Mountain whitefish	291	298	SCALES		2	PIT	965000000069445	
	4	8517	Bull trout	473	1296			6	2	PIT	900026000052245
	4	8518	Mountain whitefish	246	180	SCALES		0			
	4	8519	Mountain whitefish	259		SCALES		4	0	PIT	900026000148727
	4	8520	Mountain whitefish	320	236	SCALES		2	PIT	965000000244792	
	4	8521	Mountain whitefish	360	386	SCALES		2	PIT	965000000077641	
	4	8522	Mountain whitefish	253	164	SCALES		2	PIT	900026000056067	
	4	8523	Mountain whitefish	307	282	SCALES		0	PIT	900026000083652	
	4	8524	Mountain whitefish	242	158	SCALES		0			
	4	8525	Mountain whitefish	274	184	SCALES		0	PIT	900026000084147	
	4	8526	Mountain whitefish	263	180	SCALES		4	0	PIT	900026000147344
	4	8527	Mountain whitefish	204	94	SCALES		0			
	4	8528	Mountain whitefish	254	166	SCALES		0	PIT	900026000147182	
	4	8529	Mountain whitefish	251	142	SCALES		0	PIT	900026000147898	
	4	8530	Mountain whitefish	260	208	SCALES		0	PIT	900026000056947	
	4	8531	Mountain whitefish	226		SCALES		0			
	4	8532	Mountain whitefish	333		SCALES		2	PIT	0A00726542	
	4	8533	Mountain whitefish	300		SCALES		5	0	PIT	900026000052269
	4	8534	Mountain whitefish	300		SCALES		0	PIT	900026000147239	
	4	8535	Mountain whitefish	306		SCALES		0	PIT	900026000147206	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0504	4	8536	Mountain whitefish	211	96	SCALES		0		
	0504	4	8537	Mountain whitefish	300	278	SCALES		2	PIT	900026000055522
	0504	4	8538	Mountain whitefish	241	142	SCALES	4	0		
	0504	4	8539	Mountain whitefish	257	194	SCALES		0	PIT	900026000147874
	0504	4	8540	Mountain whitefish	204	96	SCALES	2	0		
	0504	4	8541	Mountain whitefish	261	200	SCALES	4	0	PIT	900026000147971
	0504	4	8542	Mountain whitefish	157	36	SCALES		0		
	0502	4	8543	Mountain whitefish	382	590	SCALES		0	PIT	900026000052241
	0502	4	8544	Mountain whitefish	250	162	SCALES		2	PIT	900026000147898
	0502	4	8545	Mountain whitefish	316	402	SCALES		0	PIT	900026000147648
	0502	4	8546	Mountain whitefish	263	206	SCALES		2	PIT	900026000147075
	0502	4	8547	Mountain whitefish	393	570	SCALES		0	PIT	900026000147358
	0502	4	8548	Mountain whitefish	156	50	SCALES		0		
	0502	4	8549	Kokanee	228	124	SCALES		0		
	0502	4	8550	Mountain whitefish	288	294	SCALES		0	PIT	900026000147668
	0502	4	8551	Bull trout	247	168	FS	3	0	PIT	900026000155405
	0502	4	8552	Mountain whitefish	257	186	SCALES		0	PIT	900026000147293
	0502	4	8553	Mountain whitefish	197	98	SCALES		0		
	0502	4	8554	Mountain whitefish	211	114	SCALES		0		
	0502	4	8555	Mountain whitefish	286	190	SCALES		2	PIT	900026000051261
	0502	4	8556	Mountain whitefish	326		SCALES		0	PIT	900026000035297
	0502	4	8557	Mountain whitefish	360	400	SCALES		2	PIT	965000000077641
	0502	4	8558	Mountain whitefish	259	188	SCALES		0	PIT	900026000147866
	0502	4	8559	Mountain whitefish	255	174	SCALES		2	PIT	900026000055376
	0502	4	8560	Mountain whitefish	352	410	SCALES		0	PIT	900026000147867
	0502	4	8561	Mountain whitefish	295	268	SCALES		0	PIT	900026000147597
	0502	4	8562	Mountain whitefish	311	304	SCALES		0	PIT	900026000056581
	0502	4	8563	Mountain whitefish	291	296	SCALES		0	PIT	900026000155334
	0502	4	8564	Mountain whitefish	305	342	SCALES		2	PIT	965000000084148
	0502	4	8565	Mountain whitefish	206		SCALES		0		
	0502	4	8566	Mountain whitefish	280	258	SCALES		2	PIT	900026000055820
	0502	4	8567	Mountain whitefish	264	198	SCALES		0	PIT	900026000147974
	0502	4	8568	Mountain whitefish	164	56	SCALES		0		
	0502	4	8569	Mountain whitefish	320	344	SCALES		0	PIT	900026000055762
	0502	4	8570	Mountain whitefish	392	548	SCALES		2	PIT	0A00711226
	0502	4	8571	Mountain whitefish	375	420	SCALES		2	PIT	0A00727612
	0502	4	8572	Mountain whitefish	383	478	SCALES		2	PIT	965000000085843
	0502	4	8573	Mountain whitefish	278	250	SCALES	4	0	PIT	900026000055356
	0502	4	8574	Mountain whitefish	252	172	SCALES		0	PIT	900026000053842
	0502	4	8575	Mountain whitefish	220	122	SCALES		0		
	0502	4	8576	Mountain whitefish	275	240	SCALES	5	0	PIT	900026000147220
	0502	4	8577	Mountain whitefish	278	244	SCALES		0	PIT	900026000147205
	0502	4	8578	Mountain whitefish	279	248	SCALES		0	PIT	900026000147414
	0502	4	8579	Longnose sucker	410				0		
	0502	4	8580	Mountain whitefish	155	50	SCALES		0		
	0505	4	8581	Largescale sucker	557	2084			0		
	0505	4	8582	Largescale sucker	485	1440			0		
	0505	4	8583	Largescale sucker	461	1322			0		
	0505	4	8584	Largescale sucker	472	1388			0		
	0505	4	8585	Longnose sucker	360	602			0		
	0505	4	8586	Northern pikeminnow	387	666			0		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
5												
	0505	4	8587	Longnose sucker	397			0				
	0505	4	8588	Longnose sucker	413			0				
	0505	4	8589	Walleye	386	680	FIN RAY	0	PIT	900026000055466		
	0505	4	8590	Longnose sucker	331	518		0				
	0505	4	8591	Mountain whitefish	382	596	SCALES	2	PIT	900026000052241		
	0505	4	8592	Mountain whitefish	214	98	SCALES	0				
	0505	4	8593	Mountain whitefish	272	228	SCALES	0	PIT	900026000147201		
	0505	4	8594	Mountain whitefish	304	254	SCALES	2	PIT	96500000064849		
	0505	4	8595	Mountain whitefish	267	222	SCALES	0	PIT	900026000147447		
	0505	4	8596	Mountain whitefish	274	232	SCALES	0	PIT	900026000055564		
	0505	4	8597	Mountain whitefish	278	226	SCALES	4	0	PIT	900026000147646	
	0505	4	8598	Mountain whitefish	332	366	SCALES	2	PIT	965000000092733		
	0505	4	8599	Mountain whitefish	294	338	SCALES	0	PIT	900026000147534		
	0505	4	8600	Mountain whitefish	153	38	SCALES	0				
	0505	4	8601	Bull trout	386	678		4	2	PIT	900026000051940	
	0505	4	8602	Mountain whitefish	202	102	SCALES	0				
	0505	4	8603	Mountain whitefish	339	432	SCALES	2	PIT	900026000055983		
	0505	4	8604	Mountain whitefish	342	406	SCALES	0	PIT	900026000055477		
	0505	4	8605	Mountain whitefish	283	246	SCALES	0	PIT	900026000052079		
	0505	4	8606	Mountain whitefish	258	196	SCALES	2	PIT	900026000056024		
	0505	4	8607	Mountain whitefish	298	264	SCALES	2	PIT	900026000064019		
	0505	4	8608	Mountain whitefish	295	268	SCALES	2	PIT	965000000110226		
	0505	4	8609	Mountain whitefish	253	216	SCALES	0	PIT	900026000147660		
	0505	4	8610	Mountain whitefish	302	274	SCALES	2	PIT	965000000282498		
	0505	4	8611	Mountain whitefish	203	88	SCALES	2	0			
	0505	4	8612	Mountain whitefish	266	190	SCALES	0	PIT	900026000035406		
	0505	4	8613	Mountain whitefish	168	60	SCALES	0				
	0505	4	8614	Mountain whitefish	363	414	SCALES	2	PIT	965000000282396		
	0505	4	8615	Mountain whitefish	347	326	SCALES	0	PIT	900026000147236		
	0505	4	8616	Mountain whitefish	268	220	SCALES	2	PIT	900026000056551		
	0505	4	8617	Mountain whitefish	308	322	SCALES	2	PIT	965000000068354		
	0506	4	8618	White sucker	467			0				
	0506	4	8619	White sucker	388			0				
	0506	4	8620	Longnose sucker	371			0				
	0506	4	8621	White sucker	403			0				
	0506	4	8622	Largescale sucker	427			0				
	0506	4	8623	Walleye	444		FIN RAY	0	PIT	900026000060386		
	0506	4	8624	White sucker	339			0				
	0506	4	8625	Longnose sucker	384			0				
	0506	4	8626	Longnose sucker	303			0				
	0506	4	8627	Largescale sucker	465			0				
	0506	4	8628	Rainbow trout	463		SCALES	0	PIT	900026000053999		
	0506	4	8629	Walleye	407		FIN RAY	0	PIT	900026000147280		
	0506	4	8630	Longnose sucker	409			0				
	0506	4	8631	White sucker	394			0				
	0506	4	8632	White sucker	424			0				
	0506	4	8633	Mountain whitefish	334		SCALES	2	PIT	965000000246314		
	0506	4	8634	Mountain whitefish	299		SCALES	0	PIT	900026000055766		
	0506	4	8635	Mountain whitefish	313		SCALES	2	PIT	900026000063961		
	0506	4	8636	Mountain whitefish	297		SCALES	0	PIT	900026000147653		
	0506	4	8637	Mountain whitefish	295		SCALES	2	PIT	965000000247497		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
5												
	0506	4	8638	Mountain whitefish	360			SCALES	0	PIT	900026000147291	
	0506	4	8639	Longnose sucker	254				0			
	0506	4	8640	Mountain whitefish	390			NO STRUCT	0			
	0506	4	8641	Mountain whitefish	254			SCALES	4	0	PIT	900026000051943
	0506	4	8642	Mountain whitefish	301			SCALES	2	2	PIT	900026000060419
	0506	4	8643	Mountain whitefish	146			SCALES	0			
	0506	4	8644	Mountain whitefish	199			SCALES	0			
	0506	4	8645	Longnose sucker	280				0			
	0506	4	8646	Mountain whitefish	331			SCALES	6	0	PIT	900026000147333
	0506	4	8647	Mountain whitefish	299			SCALES	2	2	PIT	900026000055423
	0506	4	8648	Mountain whitefish	267			SCALES	2	2	PIT	965000000070934
	0506	4	8649	Mountain whitefish	265			SCALES	0	0	PIT	900026000055699
	0506	4	8650	Mountain whitefish	311			SCALES	0	0	PIT	900026000147663
	0506	4	8651	Mountain whitefish	294			SCALES	0	0	PIT	900026000052625
	0506	4	8652	Mountain whitefish	303			SCALES	0	0	PIT	965000000069738
	0506	4	8653	Longnose sucker	250				0			
	0506	4	8654	Mountain whitefish	230			SCALES	3	0		
	0506	4	8655	Mountain whitefish	281			SCALES	2	2	PIT	900026000063917
	0506	4	8656	Mountain whitefish	293			SCALES	0	0	PIT	900026000147046
	0506	4	8657	Mountain whitefish	290			SCALES	0	0	PIT	900026000147759
	0506	4	8658	Mountain whitefish	147			SCALES	0			
	0506	4	8659	Mountain whitefish	272			SCALES	0	0	PIT	900026000147347
	0506	4	8660	Mountain whitefish	274			SCALES	0	0	PIT	900026000147512
	0506	4	8661	Longnose sucker	198				0			
	0506	4	8662	Mountain whitefish	273			SCALES	0	0	PIT	900026000055793
	0506	4	8663	Mountain whitefish	169			SCALES	0			
	0506	4	8664	Mountain whitefish	166			SCALES	0			
	0507	4	8665	Mountain whitefish	315	308		SCALES	0	0	PIT	900026000147341
	0507	4	8666	Mountain whitefish	313	306		SCALES	2	2	PIT	965000000071460
	0507	4	8667	Mountain whitefish	339	366		SCALES	0	0	PIT	900026000147575
	0507	4	8668	Mountain whitefish	273	240		SCALES	4	0	PIT	900026000055238
	0507	4	8669	Mountain whitefish	237	148		SCALES	0			
	0507	4	8670	Mountain whitefish	292	282		SCALES	0	0	PIT	900026000147001
	0507	4	8671	Mountain whitefish	200	108		SCALES	0			
	0507	4	8672	Mountain whitefish	367	468		SCALES	2	2	PIT	965000000072056
	0507	4	8673	Mountain whitefish	248	160		SCALES	0			
	0507	4	8674	Mountain whitefish	187	98		SCALES	0			
	0507	4	8675	Mountain whitefish	251	182		SCALES	0	0	PIT	900026000147340
	0507	4	8676	Mountain whitefish	348	440		SCALES	2	2	PIT	965000000246577
	0507	4	8677	Bull trout	302	294			2	2	PIT	900026000052341
	0507	4	8678	Mountain whitefish	268	218		SCALES	0	0	PIT	900026000083777
	0507	4	8679	Mountain whitefish	166	54		SCALES	0			
	0507	4	8680	Mountain whitefish	157	50		SCALES	0			
	0507	4	8681	Longnose sucker	380	648			0			
	0507	4	8682	Mountain whitefish	377	562		SCALES	2	2	PIT	965000000076562
	0507	4	8683	Mountain whitefish	333	414		SCALES	0	0	PIT	900026000052138
	0507	4	8684	Mountain whitefish	392	658		SCALES	2	2	PIT	900026000061031
	0507	4	8685	Mountain whitefish	272	216		SCALES	0	0	PIT	900026000147262
	0507	4	8686	Mountain whitefish	417	604		SCALES	2	2	PIT	0A00720752
	0507	4	8687	Mountain whitefish	301	288		SCALES	6	0	PIT	900026000147607
	0507	4	8688	Mountain whitefish	352	406		SCALES	2	2	PIT	965000000246087

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0507	4	8689	Mountain whitefish	158	52	SCALES	0			
	0507	4	8690	Mountain whitefish	206	108	SCALES	2	0		
	0507	4	8691	Mountain whitefish	167	56	SCALES	0			
	0508	4	8692	Walleye	459		FIN RAY	0	PIT	900026000052450	
	0508	4	8693	Walleye	492			2	PIT	96500000084652	
	0508	4	8694	Walleye	475		FIN RAY	0	PIT	900026000055604	
	0508	4	8695	Walleye	507		FIN RAY	5	PIT	900026000055208	
	0508	4	8696	Longnose sucker	413			0			
	0508	4	8697	Longnose sucker	356			0			
	0508	4	8698	Longnose sucker	312			0			
	0508	4	8699	Longnose sucker	409			0			
	0508	4	8700	Longnose sucker	367			0			
	0508	4	8701	Longnose sucker	426			0			
	0508	4	8702	Mountain whitefish	247		SCALES	0			
	0508	4	8703	Mountain whitefish	344		SCALES	6	2	PIT	900026000064867
	0508	4	8704	Mountain whitefish	295		SCALES	0	PIT	900026000052055	
	0508	4	8705	Mountain whitefish	340		SCALES	7	0	PIT	900026000053531
	0508	4	8706	Mountain whitefish	317		SCALES	5	0	PIT	900026000056418
	0508	4	8707	Mountain whitefish	335		SCALES	2	PIT	965000000109736	
	0508	4	8708	Mountain whitefish	278		SCALES	4	2	PIT	900026000035169
	0508	4	8709	Mountain whitefish	281		SCALES	0	PIT	900026000052399	
	0508	4	8710	Mountain whitefish	279		SCALES	0	PIT	900026000053832	
	0508	4	8711	Mountain whitefish	217		SCALES	0			
	0508	4	8712	Mountain whitefish	214		SCALES	0			
	0508	4	8713	Mountain whitefish	228		SCALES	0			
	0508	4	8714	Mountain whitefish	257		SCALES	0	PIT	900026000055303	
	0508	4	8715	Mountain whitefish	244		SCALES	0			
	0508	4	8716	Mountain whitefish	194		SCALES	0			
	0508	4	8717	Mountain whitefish	173		SCALES	1	0		
	0508	4	8718	Mountain whitefish	318		SCALES	5	PIT	900026000033473	
	0508	4	8719	Mountain whitefish	187		SCALES	0			
	0508	4	8720	Mountain whitefish	342		SCALES	0	PIT	900026000052127	
	0508	4	8721	Mountain whitefish	397		SCALES	0	PIT	900026000053460	
	0508	4	8722	Mountain whitefish	302		SCALES	0	PIT	900026000055594	
	0508	4	8723	Mountain whitefish	347		SCALES	2	PIT	965000000244640	
	0508	4	8724	Mountain whitefish	334		SCALES	2	PIT	900026000055968	
	0508	4	8725	Mountain whitefish	296		SCALES	2	PIT	965000000072303	
	0508	4	8726	Mountain whitefish	274		SCALES	4	0	PIT	900026000055875
	0508	4	8727	Mountain whitefish	293		SCALES	0	PIT	900026000051798	
	0508	4	8728	Mountain whitefish	258		SCALES	0	PIT	900026000054029	
	0508	4	8729	Mountain whitefish	218		SCALES	0			
	0508	4	8730	Mountain whitefish	232		SCALES	0			
	0508	4	8731	Mountain whitefish	256		SCALES	0	PIT	900026000051880	
	0508	4	8732	Mountain whitefish	197		SCALES	0			
	0508	4	8733	Mountain whitefish	280		SCALES	0	PIT	900026000035265	
	0508	4	8734	Mountain whitefish	350		SCALES	0	PIT	900026999999999	
	0508	4	8735	Mountain whitefish	255		SCALES	0	PIT	900026000053966	
	0508	4	8736	Mountain whitefish	162		SCALES	0			
	0508	4	8737	Mountain whitefish	243		SCALES	0			
	0508	4	8738	Mountain whitefish	381		SCALES	0	PIT	900026000051817	
	0508	4	8739	Mountain whitefish	353		SCALES	2	PIT	965000000282080	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0508	4	8740	Mountain whitefish	246			SCALES		0	
	0508	4	8741	Mountain whitefish	284			SCALES		2	PIT
	0508	4	8742	Mountain whitefish	239			SCALES		0	
	0508	4	8743	Mountain whitefish	277			SCALES		0	PIT
	0508	4	8744	Mountain whitefish	330			SCALES		2	PIT
	0508	4	8745	Mountain whitefish	287			SCALES		2	PIT
	0508	4	8746	Mountain whitefish	277		5	SCALES		0	PIT
	0508	4	8747	Mountain whitefish	247			SCALES		0	
	0508	4	8748	Mountain whitefish	262			SCALES		0	PIT
	0509	4	8749	White sucker	459					0	
	0509	4	8750	White sucker	372					0	
	0509	4	8751	Northern pikeminnow	424	916				0	
	0509	4	8752	White sucker	387	826				0	
	0509	4	8753	Mountain whitefish	284	232		SCALES		2	PIT
	0509	4	8754	Mountain whitefish	259	180		SCALES		0	PIT
	0509	4	8755	Mountain whitefish	338	342		SCALES		0	PIT
	0509	4	8756	Mountain whitefish	287	258		SCALES		0	PIT
	0509	4	8757	Mountain whitefish	304	266		SCALES		0	PIT
	0509	4	8758	Longnose sucker	399	800				0	
	0509	4	8759	Mountain whitefish	331	364		SCALES		0	PIT
	0509	4	8760	Mountain whitefish	345	406		SCALES		0	PIT
	0509	4	8761	Mountain whitefish	344	352		SCALES		0	PIT
	0509	4	8762	Mountain whitefish	255	172		SCALES		0	PIT
	0509	4	8763	Mountain whitefish	322	338		SCALES		0	PIT
	0509	4	8764	Mountain whitefish	363	456		SCALES		2	PIT
	0509	4	8765	Longnose sucker	381	658				0	
	0509	4	8766	Mountain whitefish	349	386		SCALES		0	PIT
	0509	4	8767	Mountain whitefish	287	286		SCALES		4	PIT
	0509	4	8768	Mountain whitefish	296	270		SCALES		0	PIT
	0509	4	8769	Mountain whitefish	380	450		SCALES		2	PIT
	0509	4	8770	Mountain whitefish	322	362		SCALES		2	PIT
	0509	4	8771	Mountain whitefish	278	240		SCALES		0	PIT
	0509	4	8772	Mountain whitefish	297	284		SCALES		2	PIT
	0509	4	8773	Mountain whitefish	236	128		SCALES		0	
	0509	4	8774	Mountain whitefish	246	154		SCALES		0	
	0509	4	8775	Mountain whitefish	276			SCALES		0	PIT
	0509	4	8776	Mountain whitefish	275	244		SCALES		0	PIT
	0509	4	8777	Mountain whitefish	307	316		SCALES		0	PIT
	0509	4	8778	Mountain whitefish	217	110		SCALES		0	
	0511	4	8779	Longnose sucker	410	924				0	
	0511	4	8780	Walleye	377	590		FIN RAY		0	PIT
	0511	4	8781	White sucker	400	792				0	
	0511	4	8782	Mountain whitefish	442	772		SCALES		0	PIT
	0511	4	8783	Mountain whitefish	280	250		SCALES		2	PIT
	0511	4	8784	Longnose sucker	387	746				0	
	0511	4	8785	Mountain whitefish	380	556		SCALES		0	PIT
	0511	4	8786	Mountain whitefish	297	294		SCALES		0	PIT
	0511	4	8787	Mountain whitefish	291	288		SCALES		2	PIT
	0511	4	8788	Mountain whitefish	324	314		SCALES		0	PIT
	0511	4	8789	Mountain whitefish	307	278		SCALES		2	PIT
	0511	4	8790	Mountain whitefish	296	274		SCALES		0	PIT

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	4	8791	Mountain whitefish	289		SCALES		0	PIT	900026000035160	
	4	8792	Longnose sucker	216	132			0			
	4	8793	Mountain whitefish	300	302	SCALES		2	PIT	965000000281038	
	4	8794	Mountain whitefish	272	186	SCALES		0	PIT	900026000034960	
	4	8795	Mountain whitefish	217	108	SCALES		0			
	4	8796	Mountain whitefish	254	194	SCALES		0	PIT	900026000147963	
	4	8797	Mountain whitefish	270	200	SCALES		2	PIT	900026000064779	
	4	8798	Mountain whitefish	205	114	SCALES		0			
	4	8799	Kokanee	176	60	SCALES		0			
	4	8800	Mountain whitefish	204	102	SCALES		0			
	4	8801	Bull trout	267	190	FIN RAY	4	0	PIT	900026000147165	
	4	8802	Mountain whitefish	288	260	SCALES		0	PIT	900026000054055	
	4	8803	Mountain whitefish	256	186	SCALES		0	PIT	900026000055568	
	4	8804	Mountain whitefish	262	206	SCALES		0	PIT	900026000147481	
	4	8805	Mountain whitefish	347	446	SCALES		0	PIT	900026000051172	
	4	8806	Mountain whitefish	272	182	SCALES		0	PIT	900026000051814	
	4	8807	Mountain whitefish	301	318	SCALES		0	PIT	900026000034972	
	4	8808	Mountain whitefish	282	216	SCALES		0	PIT	900026000053952	
	4	8809	Mountain whitefish	235	158	SCALES		0			
	4	8810	Longnose sucker	254	196			0			
	4	8811	Mountain whitefish	364	416	SCALES		0	PIT	900026000055730	
	4	8812	Mountain whitefish	389	590	SCALES		0	PIT	900026000147626	
	4	8813	Mountain whitefish	272	212	SCALES		2	PIT	900026000065443	
	4	8814	Arctic grayling	318	444	SCALES	3	2	PIT	900026000064176	
	4	8815	Mountain whitefish	264	202	SCALES		2	PIT	900026000052180	
	4	8816	Mountain whitefish	194	90	SCALES		0			
	4	8817	Mountain whitefish	337	366	SCALES		0	PIT	900026000055876	
	4	8818	Mountain whitefish	404	668	SCALES		0	PIT	900026000147269	
	4	8819	Mountain whitefish	340	382	SCALES		0	PIT	900026000057323	
	4	8820	Mountain whitefish	314	324	SCALES		0	PIT	900026000052366	
	4	8821	Mountain whitefish	324	362	SCALES		2	PIT	96500000009335	
	4	8822	Mountain whitefish	254	200	SCALES		0	PIT	900026000055546	
	4	8823	Mountain whitefish	342	406	SCALES		0	PIT	900026000147453	
	4	8824	Longnose sucker	270	216			0			
	4	8825	Mountain whitefish	289	282	SCALES		0	PIT	900026000056050	
	4	8826	Mountain whitefish	265	218	SCALES		0	PIT	900026000052433	
	4	8827	Bull trout	227	126			2	PIT	900026000054039	
	4	8828	Longnose sucker	408	900			0			
	4	8829	Mountain whitefish	302	302	SCALES		0	PIT	900026000035426	
	4	8830	Mountain whitefish	315	314	SCALES		0	PIT	900026000147167	
	4	8831	Mountain whitefish	290	282	SO	4	1			
	4	8832	Walleye	450	1078	FIN RAY		0	PIT	900026000052436	
	4	8833	Longnose sucker	434	948			0			
	4	8834	Mountain whitefish	392	572	SCALES		0	PIT	900026000051589	
	4	8835	Mountain whitefish	316	320	SCALES		0	PIT	900026000147432	
	4	8836	Mountain whitefish	325	326	SCALES	7	0	PIT	900026000055359	
	4	8837	Mountain whitefish	313	366	SCALES		2	PIT	965000000090209	
	4	8838	Mountain whitefish	305	298	SCALES		0	PIT	900026000147666	
	4	8839	Mountain whitefish	303	272	SCALES	5	0	PIT	900026000147199	
	4	8840	Mountain whitefish	370	480	SCALES		0	PIT	900026000051556	
	4	8841	Longnose sucker	404	900			0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0512	4	8842	Mountain whitefish	335	356	SCALES	2	PIT	900026000055424	
	0512	4	8843	Mountain whitefish	244	142	SCALES	0			
	0512	4	8844	Longnose sucker	368	676		0			
	0512	4	8845	Kokanee	198	70	SCALES	0			
	0515	4	8846	Longnose sucker	425	924		0			
	0515	4	8847	Longnose sucker	390	766		0			
	0515	4	8848	Longnose sucker	406	872		0			
	0515	4	8849	Longnose sucker	387	752		0			
	0515	4	8850	Longnose sucker	423	858		0			
	0515	4	8851	Mountain whitefish	414	660	SCALES	0	PIT	900026000147448	
	0515	4	8852	Mountain whitefish	416	626	SCALES	9	2	PIT	900026000061117
	0515	4	8853	Mountain whitefish	355	454	SCALES	0	PIT	900026000147178	
	0515	4	8854	Longnose sucker	257	208		0			
	0515	4	8855	Mountain whitefish	378	430	SCALES	0	PIT	900026000061488	
	0515	4	8856	Mountain whitefish	298	276	SCALES	0	PIT	900026000147881	
	0515	4	8857	Mountain whitefish	294	284	SCALES	0	PIT	900026000147439	
	0515	4	8858	Mountain whitefish	239	140	SCALES	0			
	0515	4	8859	Mountain whitefish	291	250	SCALES	3	0	PIT	900026000033563
	0515	4	8860	Largescale sucker	213	104		0			
	0515	4	8861	Bull trout	290	230	FIN RAY	3	0	PIT	900026000147263
	0515	4	8862	Mountain whitefish	390	488	SCALES	0	PIT	900026000054044	
	0515	4	8863	Mountain whitefish	343	376	SCALES	7	2	PIT	900026000056698
	0515	4	8864	Mountain whitefish	307	288	SCALES	2	PIT	96500000090583	
	0515	4	8865	Mountain whitefish	326	338	SCALES	0	PIT	900026000056201	
	0515	4	8866	Mountain whitefish	293	222	SCALES	0	PIT	900026000055253	
	0515	4	8867	Mountain whitefish	382	478	SCALES	0	PIT	900026000147403	
	0515	4	8868	Mountain whitefish	322	322	SCALES	2	PIT	900026000147297	
	0515	4	8869	Mountain whitefish	274	236	SCALES	0	PIT	900026000055250	
	0515	4	8870	Mountain whitefish	286	278	SCALES	2	PIT	965000000281822	
	0515	4	8871	Mountain whitefish	321	322	SCALES	0	PIT	900026000147541	
	0515	4	8872	Mountain whitefish	269	200	SCALES	0	PIT	900026000052328	
	0515	4	8873	Mountain whitefish	385	416	SCALES	0	PIT	900026000147306	
	0515	4	8874	Mountain whitefish	288	242	SCALES	0	PIT	900026000148090	
	0515	4	8875	Mountain whitefish	300	266	SCALES	0	PIT	900026000083705	
	0515	4	8876	Mountain whitefish	268	222	SCALES	0	PIT	900026000083364	
	0515	4	8877	Mountain whitefish	277	248	SCALES	0	PIT	900026000148857	
	0515	4	8878	Longnose sucker	207	112		0			
	0513	4	8879	Longnose sucker	404	796		0			
	0513	4	8880	Longnose sucker	402	822		0			
	0513	4	8881	Longnose sucker	373			0			
	0513	4	8882	Longnose sucker	362			0			
	0513	4	8883	Longnose sucker	398	754		0			
	0513	4	8884	Longnose sucker	381	724		0			
	0513	4	8885	Mountain whitefish	426	692	SCALES	2	FLOY	14002	WHITE
	0513	4	8886	Mountain whitefish	406	688	SCALES	8	2	PIT	4D00042362
	0513	4	8887	Mountain whitefish	309	316	SCALES	2	PIT	965000000244853	
	0513	4	8888	Mountain whitefish	307	296	SCALES	2	PIT	900026000064856	
	0513	4	8889	Mountain whitefish	281	236	SCALES	0	PIT	900026000148577	
	0513	4	8890	Longnose sucker	265	222		0			
	0513	4	8891	Mountain whitefish	317	386	SCALES	2	PIT	900026000063974	
	0513	4	8892	Longnose sucker	414	788		0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
5												
	0513	4	8893	Mountain whitefish	333	400	SCALES		2	PIT	965000000247617	
	0513	4	8894	Mountain whitefish	295	270	SCALES		2	PIT	900026000051684	
	0513	4	8895	Mountain whitefish	243	150	SCALES		0			
	0513	4	8896	Mountain whitefish	307	274	SCALES		0	PIT	900026000055540	
	0513	4	8897	Mountain whitefish	298	298	SCALES		0	PIT	900026000147780	
	0513	4	8898	Mountain whitefish	346	400	SCALES	7	2	PIT	900026000064511	
	0513	4	8899	Mountain whitefish	343	352	SCALES		2	PIT	4D00036154	
	0513	4	8900	Mountain whitefish	422	636	SCALES		2	PIT	965000000073031	
	0513	4	8901	Mountain whitefish	268	236	SCALES		2	PIT	900026000057632	
	0513	4	8902	Mountain whitefish	267	202	SCALES		0	PIT	900026000147410	
	0513	4	8903	Mountain whitefish	278	236	SCALES		0	PIT	900026000147501	
	0513	4	8904	Mountain whitefish	351	394	SCALES		2	PIT	965000000111486	
	0513	4	8905	Mountain whitefish	423	682	SCALES		0	PIT	900026000057215	
	0513	4	8906	Mountain whitefish	313	284	SCALES		2	PIT	965000000243623	
	0513	4	8907	Mountain whitefish	303	308	SCALES		0	PIT	900026000053345	
	0513	4	8908	Mountain whitefish	285	222	SCALES		0	PIT	900026000147140	
	0514	4	8909	Largescale sucker	514	1644			0			
	0514	4	8910	Longnose sucker	362	596			0			
	0514	4	8911	Longnose sucker	360	642			0			
	0514	4	8912	Longnose sucker	362	648			0			
	0514	4	8913	Longnose sucker	408	882			0			
	0514	4	8914	Longnose sucker	358	616			0			
	0514	4	8915	Longnose sucker	397				0			
	0514	4	8916	Mountain whitefish	398	562	SCALES		2	PIT	965000000244295	
	0514	4	8917	Mountain whitefish	389	590	SCALES		2	PIT	4D00032929	
	0514	4	8918	Bull trout	310	286	FIN RAY	4	0	PIT	900026000147728	
	0514	4	8919	Mountain whitefish	381	414	SCALES		2	PIT	900026000147306	
	0514	4	8920	Mountain whitefish	330	442	SCALES		2	PIT	0A00735729	
	0514	4	8921	Mountain whitefish	341	442	SCALES	7	0	PIT	900026000051571	
	0514	4	8922	Mountain whitefish	321	352	SCALES		0	PIT	900026000083802	
	0514	4	8923	Mountain whitefish	325	338	SCALES		2	PIT	900026000056201	
	0514	4	8924	Mountain whitefish	257	186	SCALES		0	PIT	900026000055137	
	0514	4	8925	Mountain whitefish	310	326	SCALES		2	PIT	900026000147400	
	0514	4	8926	Mountain whitefish	339	416	SCALES		0	PIT	900026000147818	
	0514	4	8927	Mountain whitefish	320	328	SCALES		0	PIT	900026000054002	
	0514	4	8928	Mountain whitefish	265	210	SCALES		0	PIT	900026000147552	
	0514	4	8929	Longnose sucker	395	762			0			
	0514	4	8930	Mountain whitefish	206	96	SCALES	3	0			
	0510	4	8931	Northern pikeminnow	538	1248			0			
	0510	4	8932	Longnose sucker	395	742			0			
	0510	4	8933	Longnose sucker	258	206			0			
	0510	4	8934	Longnose sucker	377	654			0			
	0510	4	8935	Mountain whitefish	400	564	SCALES		2	PIT	965000000244952	
	0510	4	8936	Mountain whitefish	399	468	SCALES		2	PIT	900026000051779	
	0510	4	8937	Mountain whitefish	418	678	SCALES		0	PIT	900026000051266	
	0510	4	8938	Mountain whitefish	381	460	SCALES		2	FLOY	14996	WHITE
	0510	4	8939	Mountain whitefish	349	374	SCALES		0			
	0510	4	8940	Mountain whitefish	426	692	SCALES		0	PIT	900026000035167	
	0510	4	8941	Mountain whitefish	332	340	SCALES		0	PIT	900026000055717	
	0510	4	8942	Mountain whitefish	284	230	SCALES	4	0	PIT	900026000055840	
	0510	4	8943	White sucker	390	776			0			

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0510	4	8944	Mountain whitefish	324	308	SCALES	0	PIT	900026000147261	
	0510	4	8945	Mountain whitefish	357	444	SCALES	2	PIT	900026000057271	
	0510	4	8946	Mountain whitefish	322	318	SCALES	6	0	PIT	900026000147710
	0510	4	8947	Mountain whitefish	296	274	SCALES	0	PIT	900026000147511	
	0510	4	8948	Mountain whitefish	359	466	SCALES	0	PIT	900026000052525	
	0510	4	8949	Mountain whitefish	331	308	SCALES	2	PIT	900026000054916	
	0510	4	8950	Mountain whitefish	278	210	SCALES	0	PIT	900026000147944	
	0510	4	8951	Mountain whitefish	278	214	SCALES	0	PIT	900026000147518	
	0510	4	8952	Mountain whitefish	350	390	SCALES	2	PIT	900026000148778	
	0510	4	8953	Mountain whitefish	380	512	SCALES	0	PIT	900026000056214	
	0510	4	8954	Mountain whitefish	263	202	SCALES	0	PIT	900026000055248	
	0510	4	8955	Mountain whitefish	297	310	SCALES	2	PIT	900026000055113	
	0510	4	8956	Mountain whitefish	316	326	SCALES	4	0	PIT	900026000053408
	0510	4	8957	Mountain whitefish	289	248	SCALES	0	PIT	900026000147316	
	0510	4	8958	Mountain whitefish	295	260	SCALES	3	0	PIT	900026000053885
	0510	4	8959	Mountain whitefish	334	352	SCALES	0	PIT	900026000054107	
	0510	4	8960	Mountain whitefish	294	288	SCALES	0	PIT	900026000147806	
	0510	4	8961	Mountain whitefish	247	136	SCALES	0			
	0510	4	8962	Mountain whitefish	216	110	SCALES	0			
	0510	4	8963	Mountain whitefish	209	108	SCALES	0			
	0510	4	8964	Mountain whitefish	222	108	SCALES	0			
	0510	4	8965	Mountain whitefish	303	262	SCALES	0	PIT	900026000055912	
	0510	4	8966	Mountain whitefish	311	294	SCALES	0	PIT	900026000147076	
	0510	4	8967	Mountain whitefish	290	254	SCALES	0	PIT	900026000033626	
	0510	4	8968	Mountain whitefish	325	322	SCALES	0	PIT	900026000147169	
	0510	4	8969	Longnose sucker	239	156		0			
	0510	4	8970	Mountain whitefish	276	220	SCALES	2	PIT	900026000148558	
	0510	4	8971	Mountain whitefish	201	96	SCALES	0			
	0510	4	8972	Mountain whitefish	368	354	SCALES	2	PIT	965000000070150	
	0510	4	8973	Mountain whitefish	401	494	SCALES	0	PIT	900026000033606	
	0510	4	8974	Mountain whitefish	330	354	SCALES	2	PIT	965000000245668	
	0510	4	8975	Mountain whitefish	247	172	SCALES	0			
	0510	4	8976	Mountain whitefish	314	304	SCALES	0	PIT	900026000055620	
	0510	4	8977	Mountain whitefish	268	212	SCALES	0	PIT	900026000052390	
	0510	4	8978	Mountain whitefish	225	124	SCALES	0			
	0510	4	8979	Mountain whitefish	305	270	SCALES	0	PIT	900026000084061	
	0510	4	8980	Mountain whitefish	237	138	SCALES	0			
	0510	4	8981	Mountain whitefish	238	158	SCALES	0			
	0510	4	8982	Mountain whitefish	339	328	SCALES	0	PIT	900026000083993	
	0510	4	8983	Mountain whitefish	198	88	SCALES	0			
	0510	4	8984	Mountain whitefish	268	210	SCALES	0	PIT	900026000148824	
	0510	4	8985	Mountain whitefish	304	276	SCALES	0	PIT	900026000148574	
	0510	4	8986	Mountain whitefish	289	236	SCALES	2	PIT	900026000054451	
	0510	4	8987	Mountain whitefish	325	340	SCALES	2	PIT	900026000056817	
	0510	4	8988	Longnose sucker	222	134		0			
	0510	4	8989	Mountain whitefish	389	456	SCALES	0	PIT	900026000083568	
	0510	4	8990	Mountain whitefish	311	308	SCALES	2	PIT	965000000088964	
	0510	4	8991	Mountain whitefish	318	332	SCALES	0	PIT	900026000148167	
	0510	4	8992	Mountain whitefish	337	344	SCALES	2	PIT	965000000244804	
	0510	4	8993	Mountain whitefish	201	84	SCALES	0			
	0510	4	8994	Mountain whitefish	315	314	SCALES	2	PIT	900026000052301	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0510	4	8995	Mountain whitefish	148	40	SCALES	0			
	0510	4	8996	Mountain whitefish	349	464	SCALES	0	PIT	900026000148311	
	0510	4	8997	Mountain whitefish	385	536	SCALES	2	PIT	900026000148789	
	0510	4	8998	Mountain whitefish	292	318	SCALES	4	0	PIT	900026000084004
	0510	4	8999	Mountain whitefish	313	274	SCALES	2	PIT	900026000053041	
	0510	4	9000	Mountain whitefish	301	276	SCALES	0	PIT	900026000084063	
	0510	4	9001	Mountain whitefish	314	322	SCALES	0	PIT	900026000148732	
	0510	4	9002	Mountain whitefish	284	236	SCALES	4	0	PIT	900026000083640
	0510	4	9003	Longnose sucker	402	834		0			
	0510	4	9004	Mountain whitefish	338		SCALES	2	PIT	900026000056536	
	0510	4	9005	Mountain whitefish	239	148	SCALES	0			
	0510	4	9006	Mountain whitefish	271	230	SCALES	0	PIT	900026000083879	
	0510	4	9007	Mountain whitefish	150	36	SCALES	0			
	0510	4	9008	Mountain whitefish	355	386	SCALES	2	PIT	0A00726038	
	0510	4	9009	Mountain whitefish	353	390	SCALES	2	PIT	965000000245538	
	0510	4	9010	Mountain whitefish	316	324	SCALES	0	PIT	900026000083630	
	0510	4	9011	Mountain whitefish	340	340	SCALES	2	PIT	900026000083721	
	0510	4	9012	Mountain whitefish	295	306	SCALES	0	PIT	900026000083766	
	0510	4	9013	Mountain whitefish	330	340	SCALES	0	PIT	900026000083969	
	0510	4	9014	Mountain whitefish	305	288	SCALES	0	PIT	900026000083227	
	0510	4	9015	Mountain whitefish	258	168	SCALES	0	PIT	900026000083443	
	0510	4	9016	Mountain whitefish	210	98	SCALES	0			
	0510	4	9017	Mountain whitefish	384	426	SCALES	2	PIT	965000000079997	
	0510	4	9018	Mountain whitefish	255	174	SCALES	2	PIT	900026000148235	
	0510	4	9019	Mountain whitefish	272	266	SCALES	0	PIT	900026000083374	
	0510	4	9020	Mountain whitefish	272	204	SCALES	2	PIT	900026000083566	
	0510	4	9021	Mountain whitefish	234	114	SCALES	0			
	0503	5	10890	Mountain whitefish	298			2	PIT	965000000282723	
	0503	5	10891	Mountain whitefish	296			2	PIT	965000000088991	
	0503	5	10892	Mountain whitefish	273			2	PIT	900026000065044	
	0503	5	10893	Mountain whitefish	285			2	PIT	965000000071733	
	0503	5	10894	Mountain whitefish	284			2	PIT	965000000068631	
	0503	5	10895	Mountain whitefish	342			2	PIT	965000000083818	
	0503	5	10896	Mountain whitefish	297			2	PIT	900026000062107	
	0503	5	10897	Mountain whitefish	277			2	PIT	900026000052081	
	0503	5	10898	Mountain whitefish	302			2	PIT	900026000064573	
	0503	5	10899	Mountain whitefish	263			2	PIT	900026000083808	
	0503	5	10900	Mountain whitefish	274			2	PIT	900026000051903	
	0503	5	10901	Mountain whitefish	315			2	PIT	965000000078229	
	0501	5	10902	Mountain whitefish	260			2	PIT	900026000053925	
	0501	5	10903	Walleye	427		FIN RAY	0	PIT	900026000051199	
	0501	5	10904	Mountain whitefish	318			2	PIT	965000000068761	
	0501	5	10905	Mountain whitefish	365			2	PIT	965000000088543	
	0501	5	10906	Mountain whitefish	269			2	PIT	900026000061994	
	0504	5	10907	Mountain whitefish	283			2	PIT	965000000005640	
	0504	5	10908	Mountain whitefish	275			2	PIT	900026000061904	
	0504	5	10909	Mountain whitefish	289			2	PIT	900026000051831	
	0504	5	10910	Mountain whitefish	300			2	PIT	900026000061334	
	0504	5	10911	Mountain whitefish	360			2	PIT	965000000114216	
	0504	5	10912	Mountain whitefish	258			2	PIT	900026000056947	
	0504	5	10913	Mountain whitefish	364			2	PIT	965000000245181	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	5	10914	Mountain whitefish	310				2	PIT	900026000083652	
	5	10915	Mountain whitefish	295				2	PIT	900026000063632	
	5	10916	Mountain whitefish	302				2	PIT	900026000147239	
	5	10917	Mountain whitefish	272				2	PIT	900026000055392	
	5	10918	Mountain whitefish	280				2	PIT	965000000281875	
	5	10919	Mountain whitefish	404				2	PIT	4D00036040	
	5	10920	Mountain whitefish	296				2	PIT	900026000034091	
	5	10921	Mountain whitefish	310				2	PIT	900026000052506	
	5	10922	Mountain whitefish	307				2	PIT	900026000147705	
	5	10923	Mountain whitefish	392				2	PIT	4D00036058	
	5	10924	Mountain whitefish	283				2	PIT	900026000147039	
	5	10925	Mountain whitefish	287				2	PIT	900026000065137	
	5	10926	Mountain whitefish	354				2	PIT	965000000068940	
	5	10927	Mountain whitefish	322				2	PIT	965000000092527	
	5	10928	Mountain whitefish	279				2	PIT	900026000147414	
	5	10929	Mountain whitefish	259				2	PIT	900026000146076	
	5	10930	Mountain whitefish	306				2	PIT	965000000108175	
	5	10931	Mountain whitefish	272				2	PIT	900026000035072	
	5	10932	Bull trout	275		FS	4	0	PIT	900026000056003	
	5	10933	Mountain whitefish	321				2	PIT	965000000078071	
	5	10934	Mountain whitefish	379				2	PIT	900026000065504	
	5	10935	Mountain whitefish	337				2	PIT	965000000069236	
	5	10936	Mountain whitefish	335				2	PIT	965000000244989	
	5	10937	Mountain whitefish	298				2	PIT	900026000035244	
	5	10938	Mountain whitefish	384				2	PIT	965000000247998	
	5	10939	Mountain whitefish	326				2	PIT	965000000092518	
	5	10940	Bull trout	213		SCALES	2	0			
	5	10941	Walleye	421		FIN RAY		0	PIT	900026000147739	
	5	10942	Walleye	462		FIN RAY		0	PIT	900026000055146	
	5	10943	Mountain whitefish	262				2	PIT	900026000054029	
	5	10944	Mountain whitefish	397				2	PIT	965000000069368	
	5	10945	Mountain whitefish	368				2	PIT	4D00026948	
	5	10946	Mountain whitefish	375				2	PIT	965000000085494	
	5	10947	Mountain whitefish	298				2	PIT	900026000060419	
	5	10948	Mountain whitefish	293				2	PIT	900026000035272	
	5	10949	Mountain whitefish	346				2	PIT	0A00725820	
	5	10950	Mountain whitefish	282				2	PIT	900026000060644	
	5	10951	Mountain whitefish	328				2	PIT	965000000085527	
	5	10952	Mountain whitefish	277				2	PIT	900026000064440	
	5	10953	Mountain whitefish	299				2	PIT	965000000006564	
	5	10954	Mountain whitefish	280				2	PIT	900026000052026	
	5	10955	Mountain whitefish	356				2	PIT	965000000244035	
	5	10956	Northern pike	540		FIN RAY		0	PIT	900026000147487	
	5	10957	Northern pike	519		FIN RAY		0	PIT	900026000147716	
	5	10958	Walleye	548		FIN RAY		0	PIT	900026000052520	
	5	10959	Mountain whitefish	394				2	PIT	900026000035239	
	5	10960	Mountain whitefish	395				2	PIT	900026000053491	
	5	10961	Mountain whitefish	381				2	PIT	900026000054822	
	5	10962	Mountain whitefish	288				2	PIT	965000000088242	
	5	10963	Mountain whitefish	298				2	PIT	900026000051798	
	5	10964	Mountain whitefish	274				2	PIT	900026000055493	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour	
5												
	0509	5	10965	Mountain whitefish	281			2	PIT	900026000052399		
	0509	5	10966	Mountain whitefish	337			2	PIT	965000000093388		
	0509	5	10967	Mountain whitefish	282			2	PIT	965000000282426		
	0509	5	10968	Mountain whitefish	290			2	PIT	900026000061660		
	0509	5	10969	Mountain whitefish	285			2	PIT	965000000282318		
	0509	5	10970	Mountain whitefish	357			2	PIT	0A00717721		
	0509	5	10971	Mountain whitefish	326			2	PIT	965000000066531		
	0509	5	10972	Mountain whitefish	290			2	PIT	900026000052266		
	0509	5	10973	Mountain whitefish	284			2	PIT	900026000055306		
	0509	5	10974	Mountain whitefish	300			2	PIT	900026000148420		
	0509	5	10975	Burbot	496			0	PIT	900026000147530		
	0512	5	10976	Lake trout	682		FIN RAY	0	PIT	900026000055484		
	0512	5	10977	Walleye	430		FIN RAY	0	PIT	900026000061802		
	0512	5	10978	Northern pike	568		FIN RAY	0	PIT	900026000147912		
	0512	5	10979	Mountain whitefish	349			2	PIT	965000000010008		
	0512	5	10980	Mountain whitefish	267			2	PIT	900026000054395		
	0512	5	10981	Mountain whitefish	318			2	PIT	900026000054471		
	0512	5	10982	Mountain whitefish	357			2	PIT	900026000052708		
	0512	5	10983	Mountain whitefish	318			2	PIT	965000000085241		
	0512	5	10984	Mountain whitefish	314			2	PIT	965000000070421		
	0512	5	10985	Mountain whitefish	315			2	PIT	965000000090695		
	0512	5	10986	Mountain whitefish	327			2	PIT	965000000090717		
	0512	5	10987	Bull trout	284		FIN RAY	3	0	PIT	900026000147466	
	0510	5	10988	Mountain whitefish	348			2	PIT	965000000247326		
	0510	5	10989	Mountain whitefish	252			2	PIT	900026000056719		
	0510	5	10990	Mountain whitefish	337			2	PIT	900026000053840		
	0510	5	10991	Mountain whitefish	344			2	PIT	900026000063470		
	0510	5	10992	Mountain whitefish	373			2	PIT	965000000083855		
	0510	5	10993	Mountain whitefish	318			2	PIT	900026000052366		
	0510	5	10994	Mountain whitefish	384			2	PIT	4D00034747		
	0510	5	10995	Mountain whitefish	327			2	PIT	900026000148495		
	0510	5	10996	Mountain whitefish	303			2	PIT	900026000065166		
	0510	5	10997	Mountain whitefish	296			2	PIT	965000000087287		
	0510	5	10998	Mountain whitefish	273			2	PIT	900026000055894		
	0510	5	10999	Mountain whitefish	301			2	PIT	900026000052962		
	0510	5	11000	Mountain whitefish	298			2	PIT	965000000087949		
	0510	5	11001	Mountain whitefish	362			2	PIT	900026000055549		
	0510	5	11002	Mountain whitefish	361			2	PIT	0A00746632		
	0510	5	11004	Mountain whitefish	291			2	PIT	900026000054055		
	0510	5	11005	Mountain whitefish	284			2	PIT	900026000060720		
	0510	5	11006	Mountain whitefish	304			2	PIT	900026000052005		
	0510	5	11007	Mountain whitefish	325			2	PIT	900026000053972		
	0510	5	11008	Mountain whitefish	313			2	PIT	900026000147167		
	0510	5	11009	Mountain whitefish	282			2	PIT	900026000062019		
	0510	5	11010	Mountain whitefish	316			2	PIT	900026000051884		
	0511	5	11011	Rainbow trout	192			0				
	0511	5	11012	Mountain whitefish	302			2	PIT	900026000063825		
	0511	5	11013	Mountain whitefish	315			2	PIT	965000000070720		
	0511	5	11014	Northern pike	500		FIN RAY	0	PIT	900026000053612		
	0515	5	11015	Mountain whitefish	425			2	FLOY	15013	WHITE	
	0515	5	11016	Mountain whitefish	341			2	PIT	965000000245889		

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5	0515	5	11017	Mountain whitefish	399			2	PIT	96500000073242	
	0515	5	11018	Mountain whitefish	333			2	PIT	4D00035157	
	0515	5	11019	Mountain whitefish	293			2	PIT	965000000088533	
	0515	5	11020	Mountain whitefish	281			2	PIT	900026000055902	
	0515	5	11021	Mountain whitefish	305			2	PIT	965000000090583	
	0515	5	11022	Mountain whitefish	340			2	PIT	965000000067067	
	0515	5	11023	Mountain whitefish	297			2	PIT	900026000147881	
	0515	5	11024	Mountain whitefish	304			2	PIT	965000000084411	
	0515	5	11025	Mountain whitefish	281			2	PIT	900026000060464	
	0515	5	11026	Mountain whitefish	340			2	PIT	900026000051613	
	0515	5	11027	Mountain whitefish	290			2	PIT	900026000065192	
	0515	5	11028	Mountain whitefish	351			2	PIT	965000000090983	
	0515	5	11029	Arctic grayling	341		SCALES	3	0	PIT	900026000147760
	0515	5	11030	Arctic grayling	337		SCALES	3	0	PIT	900026000053921
	0513	5	11031	Walleye	475		FIN RAY	0	0	PIT	900026000147147
	0513	5	11032	Mountain whitefish	358			2	PIT	965000000281956	
	0513	5	11033	Mountain whitefish	384			2	PIT	965000000077261	
	0513	5	11034	Mountain whitefish	334			2	PIT	965000000247617	
	0514	5	11035	Mountain whitefish	302			2	PIT	965000000090583	
	0514	5	11036	Mountain whitefish	359			2	PIT	900026000061576	
	0514	5	11037	Mountain whitefish	322			2	PIT	965000000237738	
	0514	5	11038	Mountain whitefish	328			2	PIT	900026000062006	
	0508	5	11039	Mountain whitefish	302			2	PIT	900026000084061	
	0508	5	11040	Mountain whitefish	312			2	PIT	900026000065422	
	0508	5	11041	Mountain whitefish	357			2	PIT	900026000083366	
	0508	5	11042	Mountain whitefish	345			2	PIT	965000000069297	
	0508	5	11043	Mountain whitefish	298			2	PIT	900026000053522	
	0508	5	11044	Mountain whitefish	306			2	PIT	965000000246355	
	0508	5	11045	Mountain whitefish	291			2	PIT	900026000147806	
	0508	5	11046	Mountain whitefish	311			2	PIT	900026000053041	
	0508	5	11047	Mountain whitefish	258			2	PIT	900026000055911	
	0508	5	11048	Mountain whitefish	372			2	PIT	965000000244906	
	0508	5	11049	Mountain whitefish	303			2	PIT	900026000083227	
	0508	5	11050	Mountain whitefish	299			2	PIT	965000000080010	
	0508	5	11051	Arctic grayling	240		SCALES	2	0		
	0508	5	11052	Mountain whitefish	307			2	PIT	965000000110510	
	0508	5	11053	Mountain whitefish	294			2	PIT	900026000055113	
	0508	5	11054	Mountain whitefish	279			2	PIT	900026000052773	
	0508	5	11055	Mountain whitefish	400			2	PIT	965000000243474	
	0508	5	11056	Mountain whitefish	328			2	PIT	900026000148957	
	0508	5	11057	Mountain whitefish	289		SO	9			
	0503	6	13431	Rainbow trout	222			0			
	0503	6	13432	Mountain whitefish	413			2	PIT	900026000051151	
	0503	6	13433	Mountain whitefish	282			2	PIT	900026000056086	
	0503	6	13434	Mountain whitefish	363			2	PIT	965000000072867	
	0503	6	13435	Mountain whitefish	311			2	PIT	965000000091942	
	0503	6	13436	Mountain whitefish	301			2	PIT	900026000064573	
	0503	6	13437	Mountain whitefish	285			2	PIT	900026000146078	
	0503	6	13438	Mountain whitefish	275			2	PIT	965000000067384	
	0503	6	13439	Mountain whitefish	274			2	PIT	900026000147512	
	0503	6	13440	Mountain whitefish	339			2	PIT	900026000053113	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0503	6	13441	Mountain whitefish	349			2	PIT	900026000054998	
	0503	6	13442	Mountain whitefish	279			2	PIT	900026000065100	
	0503	6	13443	Bull trout	228	FS	3	0	PIT	900026000148694	
	0501	6	13444	Mountain whitefish	383			2	PIT	965000000073280	
	0501	6	13445	Mountain whitefish	289			2	PIT	965000000281474	
	0501	6	13446	Mountain whitefish	290			2	PIT	965000000067781	
	0501	6	13447	Mountain whitefish	400	SO	8	9			
	0503	6	13448	Mountain whitefish	418	SO		9			
	0503	6	13449	Mountain whitefish	475	SO		9			
	0504	6	13450	Mountain whitefish	292			2	PIT	965000000070604	
	0504	6	13451	Mountain whitefish	259			2	PIT	900026000056947	
	0504	6	13452	Mountain whitefish	314			2	PIT	965000000091066	
	0504	6	13453	Mountain whitefish	266			2	PIT	900026000054294	
	0504	6	13454	Mountain whitefish	289			2	PIT	965000000068482	
	0504	6	13455	Mountain whitefish	352			2	PIT	965000000070110	
	0502	6	13456	Mountain whitefish	388			2	PIT	965000000076557	
	0502	6	13457	Mountain whitefish	302			2	PIT	900026000147443	
	0502	6	13458	Mountain whitefish	383			2	PIT	900026000147515	
	0502	6	13459	Bull trout	302			2	PIT	900026000063265	
	0502	6	13460	Mountain whitefish	392			2	PIT	965000000073188	
	0502	6	13461	Mountain whitefish	423			2	PIT	0A00751922	
	0502	6	13462	Mountain whitefish	318			2	PIT	965000000084287	
	0502	6	13463	Mountain whitefish	258			2	PIT	900026000147293	
	0505	6	13464	Mountain whitefish	295			2	PIT	900026000147597	
	0505	6	13465	Mountain whitefish	374			2	PIT	965000000110346	
	0505	6	13466	Mountain whitefish	297			2	PIT	900026000083379	
	0505	6	13467	Rainbow trout	278			2	PIT	900026000147664	
	0505	6	13468	Bull trout	398	FIN RAY	3	0	PIT	900026000083495	
	0506	6	13469	Bull trout	360	FIN RAY	3	0	PIT	900026000083195	
	0506	6	13470	Walleye	406	FIN RAY		0	PIT	900026000084122	
	0506	6	13471	Mountain whitefish	250			2	PIT	900026000148727	
	0506	6	13472	Mountain whitefish	277			2	PIT	900026000052066	
	0506	6	13473	Mountain whitefish	258			2	PIT	900026000052817	
	0506	6	13474	Bull trout	502	FIN RAY	5	0	PIT	900026000083412	
	0507	6	13475	Mountain whitefish	286			2	PIT	965000000091320	
	0507	6	13476	Mountain whitefish	309			2	PIT	965000000110511	
	0507	6	13477	Mountain whitefish	350			2	PIT	0A00725820	
	0507	6	13478	Mountain whitefish	357			2	PIT	900026000060751	
	0507	6	13479	Mountain whitefish	260			2	PIT	900026000055735	
	0507	6	13480	Mountain whitefish	357			2	PIT	965000000090782	
	0507	6	13481	Mountain whitefish	291			2	PIT	900026000065572	
	0507	6	13482	Mountain whitefish	388			2	PIT	900026000057339	
	0507	6	13483	Mountain whitefish	323			2	PIT	965000000090029	
	0507	6	13484	Mountain whitefish	284			2	PIT	900026000055291	
	0507	6	13485	Mountain whitefish	264			2	PIT	900026000056084	
	0507	6	13486	Mountain whitefish	400			2	PIT	965000000243531	
	0507	6	13487	Mountain whitefish	302			2	PIT	965000000069005	
	0509	6	13488	Mountain whitefish	357			2	PIT	900026000060751	
	0509	6	13489	Mountain whitefish	381			2	PIT	900026000065504	
	0509	6	13490	Mountain whitefish	312			2	PIT	965000000010099	
	0509	6	13491	Mountain whitefish	300			2	PIT	900026000055130	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
	0509	6	13492	Mountain whitefish	374			2	PIT	965000000085494	
	0509	6	13493	Mountain whitefish	368			2	PIT	4D00026948	
	0509	6	13494	Mountain whitefish	308			2	PIT	900026000083652	
	0509	6	13495	Mountain whitefish	344			2	PIT	4D00014939	
	0512	6	13496	Mountain whitefish	445			2	PIT	900026000051413	
	0512	6	13497	Mountain whitefish	326			2	PIT	0A00705868	
	0512	6	13498	Northern pike	581			0	PIT	900026000083754	
	0512	6	13499	Walleye	470			0	PIT	900026000084095	
	0512	6	13500	Mountain whitefish	290			2	PIT	965000000072890	
	0512	6	13501	Mountain whitefish	292			2	PIT	900026000053118	
	0510	6	13502	Mountain whitefish	345			2	PIT	900026000147878	
	0510	6	13503	Mountain whitefish	327			2	PIT	900026000148495	
	0510	6	13504	Mountain whitefish	385			2	PIT	900026000051983	
	0510	6	13505	Mountain whitefish	291			2	PIT	900026000052063	
	0510	6	13506	Mountain whitefish	337			2	PIT	900026000147120	
	0510	6	13507	Mountain whitefish	336			2	PIT	900026000053840	
	0510	6	13508	Mountain whitefish	313			2	PIT	965000000008564	
	0510	6	13509	Mountain whitefish	388			2	PIT	965000000282461	
	0510	6	13510	Mountain whitefish	317			2	PIT	965000000245989	
	0510	6	13511	Mountain whitefish	362			2	PIT	965000000070736	
	0510	6	13512	Mountain whitefish	339			2	PIT	965000000067067	
	0510	6	13513	Mountain whitefish	297			2	PIT	965000000069726	
	0510	6	13514	Mountain whitefish	329			2	PIT	0A00736178	
	0510	6	13515	Mountain whitefish	301			2	PIT	965000000282309	
	0510	6	13516	Mountain whitefish	333			2	PIT	965000000001908	
	0510	6	13517	Mountain whitefish	287			2	PIT	900026000054054	
	0510	6	13518	Mountain whitefish	252			2	PIT	900026000148456	
	0511	6	13519	Mountain whitefish	313			2	PIT	965000000009335	
	0511	6	13520	Mountain whitefish	340			2	PIT	965000000245669	
	0511	6	13521	Walleye	578			0	PIT	900026000083186	
	0511	6	13522	Rainbow trout	350			0			
	0515	6	13523	Mountain whitefish	482			2	PIT	965000000110222	
	0515	6	13524	Mountain whitefish	364			2	PIT	965000000077094	
	0515	6	13525	Mountain whitefish	293			2	PIT	900026000148902	
	0515	6	13526	Mountain whitefish	382			2	PIT	900026000060344	
	0515	6	13527	Mountain whitefish	325			2	PIT	965000000247509	
	0515	6	13528	Mountain whitefish	350			2	PIT	965000000089130	
	0515	6	13529	Mountain whitefish	370			2	PIT	900026000053728	
	0515	6	13530	Mountain whitefish	304			2	PIT	900026000060976	
	0515	6	13531	Mountain whitefish	442			2	PIT	900026000053125	
	0515	6	13532	Mountain whitefish	386			2	PIT	900026000146128	
	0515	6	13533	Mountain whitefish	299			2	PIT	900026000147411	
	0515	6	13534	Mountain whitefish	296			2	PIT	900026000052521	
	0515	6	13535	Mountain whitefish	290			2	PIT	900026000033947	
	0515	6	13536	Mountain whitefish	282			2	PIT	900026000148394	
	0515	6	13537	Mountain whitefish	300			2	PIT	900026000063806	
	0515	6	13538	Mountain whitefish	318			2	PIT	900026000035176	
	0515	6	13539	Mountain whitefish	368			2	PIT	965000000248168	
	0515	6	13540	Mountain whitefish	302			2	PIT	965000000084411	
	0515	6	13541	Bull trout	475			0	PIT	900026000083659	
	0513	6	13542	Mountain whitefish	403			2	PIT	4D00042362	

Appendix C Table C1. Biological characteristics data for sampled fish, 2012 Peace River Fish Index Project.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	Type	Tag Number	Colour
5											
0513	6	13543	Mountain whitefish	386				2	PIT	965000000246749	
0513	6	13544	Mountain whitefish	284				2	PIT	965000000007960	
0513	6	13545	Mountain whitefish	390				2	PIT	900026000054044	
0513	6	13546	Mountain whitefish	366				2	PIT	965000000065978	
0513	6	13547	Mountain whitefish	314				2	PIT	900026000051188	
0513	6	13548	Mountain whitefish	289				2	PIT	965000000003120	
0513	6	13549	Mountain whitefish	331				2	PIT	965000000247617	
0513	6	13550	Bull trout	323		FIN RAY	4	0	PIT	900026000083843	
0513	6	13551	Arctic grayling	294		SCALES	3	0	PIT	900026000084055	
0514	6	13552	Mountain whitefish	324				2	PIT	965000000087721	
0514	6	13553	Mountain whitefish	385				2	PIT	965000000009620	
0514	6	13554	Mountain whitefish	481				2	PIT	965000000110222	
0514	6	13555	Mountain whitefish	387				2	PIT	900026000146128	
0514	6	13556	Mountain whitefish	397				2	FLOY	11610	WHITE
0514	6	13557	Mountain whitefish	317				2	PIT	900026000146106	
0514	6	13558	Mountain whitefish	333				2	PIT	965000000066512	
0514	6	13559	Mountain whitefish	323				2	PIT	900026000083802	
0514	6	13560	Mountain whitefish	345				2	PIT	965000000068178	
0514	6	13561	Mountain whitefish	408		SO		9			
0514	6	13562	Mountain whitefish	378		SO		9			
0514	6	13563	Mountain whitefish	472		SO		9			
0514	6	13564	Mountain whitefish	373		SO		9			
0514	6	13565	Mountain whitefish	385		SO		9			
0514	6	13566	Mountain whitefish	418		SO		9			
0514	6	13567	Mountain whitefish	407		SO		9			
0508	6	13568	Mountain whitefish	384				2	PIT	965000000247779	
0508	6	13569	Mountain whitefish	390				2	PIT	900026000033606	
0508	6	13570	Mountain whitefish	284				2	PIT	965000000007960	
0508	6	13571	Mountain whitefish	366				2	PIT	900026000061228	
0508	6	13572	Mountain whitefish	320				2	PIT	900026000061788	
0508	6	13573	Mountain whitefish	354				2	PIT	965000000005175	
0508	6	13574	Mountain whitefish	320				2	PIT	965000000278983	
0508	6	13575	Mountain whitefish	305				2	PIT	900026000147311	
0508	6	13576	Mountain whitefish	349				2	PIT	965000000084725	
0508	6	13577	Mountain whitefish	316				2	PIT	900026000146106	
0508	6	13578	Mountain whitefish	324				2	PIT	900026000064102	
0508	6	13579	Bull trout	227		FS	3	0	PIT	900026000084135	
0508	6	13580	Arctic grayling	334		SCALES	3	0	PIT	900026000083250	

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APPENDIX D
Catch and Observed Fish

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**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	1										
		101 SFN									
			1	8/23/2012	13:45	614 210	Mountain whitefish	105	0	105	171.01
			2	8/29/2012	11:15	614 196	Mountain whitefish	99	0	99	161.24
			3	9/4/2012	10:00	614 301	Mountain whitefish	87	0	87	141.69
			4	9/10/2012	12:00	614 208	Mountain whitefish	85	0	85	138.44
			5	9/16/2012	11:00	614 233	Mountain whitefish	135	0	135	219.87
			6	9/19/2012	10:45	614 230	Mountain whitefish	142	0	142	231.27
		102 SFN									
			1	8/23/2012	15:00	870 293	Mountain whitefish	97	0	97	111.49
			2	8/29/2012	12:30	870 282	Mountain whitefish	101	0	101	116.09
			3	9/4/2012	11:00	870 329	Mountain whitefish	99	0	99	113.79
			4	9/10/2012	13:15	870 311	Bull trout	1	0	1	1.15
							Mountain whitefish	54	0	54	62.07
			5	9/16/2012	11:30	870 183	Mountain whitefish	82	0	82	94.25
			6	9/19/2012	11:15	870 321	Mountain whitefish	110	0	110	126.44
		103 SFC									
			1	8/23/2012	11:45	1092 580	Bull trout	0	1	1	0.92
							Mountain whitefish	59	0	59	54.03
			2	8/29/2012	10:00	1092 566	Bull trout	1	1	2	1.83
							Mountain whitefish	36	0	36	32.97
			3	9/4/2012	12:15	1092 545	Bull trout	1	0	1	0.92
							Mountain whitefish	54	0	54	49.45
			4	9/10/2012	9:30	1092 541	Bull trout	0	1	1	0.92
							Mountain whitefish	29	0	29	26.56
			5	9/16/2012	10:15	1092 583	Bull trout	1	2	3	2.75
							Mountain whitefish	70	0	70	64.10
			6	9/19/2012	10:00	1092 617	Bull trout	2	1	3	2.75
							Mountain whitefish	50	0	50	45.79

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	1										
		104 SFN									
			1	8/23/2012	11:00	445 256	Mountain whitefish	51	0	51	114.61
			2	8/29/2012	9:30	445 238	Mountain whitefish	27	0	27	60.67
			3	9/4/2012	13:00	445 278	Bull trout	0	1	1	2.25
							Mountain whitefish	49	0	49	110.11
			4	9/10/2012	10:05	445 298	Mountain whitefish	51	0	51	114.61
			5	9/16/2012	10:00	445 303	Arctic grayling	1	0	1	2.25
							Bull trout	1	2	3	6.74
							Mountain whitefish	70	0	70	157.30
			6	9/19/2012	9:30	445 324	Mountain whitefish	54	0	54	121.35
		105 SFC									
			1	8/23/2012	13:00	1029 476	Bull trout	2	0	2	1.94
							Mountain whitefish	35	0	35	34.01
			2	8/29/2012	10:45	1029 477	Mountain whitefish	34	0	34	33.04
			3	9/4/2012	13:45	1029 458	Mountain whitefish	42	0	42	40.82
			4	9/10/2012	10:45	1029 499	Arctic grayling	1	0	1	0.97
							Bull trout	3	0	3	2.92
							Mountain whitefish	59	0	59	57.34
			5	9/16/2012	10:30	1029 482	Arctic grayling	0	1	1	0.97
							Mountain whitefish	55	0	55	53.45
			6	9/19/2012	10:30	1029 550	Bull trout	2	1	3	2.92
							Mountain whitefish	57	0	57	55.39
		107 SFC									
			1	8/23/2012	9:45	551 310	Mountain whitefish	15	0	15	27.22
			2	8/29/2012	14:30	551 297	Mountain whitefish	7	0	7	12.70
			3	9/4/2012	15:20	551 343	Mountain whitefish	20	0	20	36.30
			4	9/10/2012	15:15	551 357	Mountain whitefish	17	0	17	30.85
			5	9/16/2012	12:15	551 293	Mountain whitefish	46	0	46	83.48
			6	9/19/2012	12:00	551 342	Mountain whitefish	59	0	59	107.08

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	1										
		108 SFN									
			1	8/23/2012	10:15	821 423	Bull trout	1	0	1	1.22
							Mountain whitefish	27	0	27	32.89
			2	8/29/2012	15:00	821 453	Bull trout	1	0	1	1.22
							Mountain whitefish	36	0	36	43.85
			3	9/4/2012	16:00	968 563	Mountain whitefish	21	0	21	21.69
			4	9/10/2012	15:45	821 483	Mountain whitefish	34	0	34	41.41
			5	9/16/2012	12:45	828 495	Mountain whitefish	27	0	27	32.61
			6	9/19/2012	12:30	828 526	Mountain whitefish	52	0	52	62.80
		109 SFN									
			1	8/23/2012	16:30	747 482	Bull trout	1	1	2	2.68
							Mountain whitefish	17	0	17	22.76
			2	8/29/2012	13:45	747 488	Bull trout	2	0	2	2.68
							Mountain whitefish	60	0	60	80.32
			3	9/4/2012	14:30	747 468	Mountain whitefish	55	0	55	73.63
			4	9/10/2012	14:15	747 443	Bull trout	0	1	1	1.34
							Mountain whitefish	28	0	28	37.48
			5	9/16/2012	13:00	958 494	Arctic grayling	0	1	1	1.04
							Bull trout	1	0	1	1.04
							Mountain whitefish	32	0	32	33.40
			6	9/19/2012	13:00	958 528	Bull trout	0	1	1	1.04
							Mountain whitefish	28	0	28	29.23

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	1										
		110 SFC									
			1	8/24/2012	9:30	828 449	Bull trout	1	0	1	1.21
							Mountain whitefish	45	0	45	54.35
			2	8/30/2012	9:30	828 481	Mountain whitefish	27	0	27	32.61
			3	9/5/2012	9:45	828 502	Bull trout	0	1	1	1.21
							Mountain whitefish	47	0	47	56.76
			4	9/11/2012	9:15	828 520	Mountain whitefish	48	0	48	57.97
			5	9/16/2012	13:30	821 483	Arctic grayling	0	1	1	1.22
							Bull trout	1	0	1	1.22
							Mountain whitefish	72	0	72	87.70
			6	9/19/2012	13:15	821 480	Bull trout	1	0	1	1.22
							Mountain whitefish	80	0	80	97.44
		111 SFC									
			1	8/24/2012	10:15	958 435	Mountain whitefish	86	0	86	89.77
			2	8/30/2012	10:00	958 427	Bull trout	1	0	1	1.04
							Mountain whitefish	57	0	57	59.50
			3	9/5/2012	10:45	958 516	Mountain whitefish	51	0	51	53.24
			4	9/11/2012	10:15	958 460	Mountain whitefish	89	0	89	92.90
			5	9/16/2012	13:45	968 403	Mountain whitefish	84	0	84	86.78
			6	9/19/2012	13:45	968 585	Bull trout	1	0	1	1.03
							Mountain whitefish	90	0	90	92.98
		112 SFC									
			1	8/24/2012	11:30	968 517	Arctic grayling	0	1	1	1.03
							Mountain whitefish	45	0	45	46.49
			2	8/30/2012	11:00	968 551	Mountain whitefish	48	0	48	49.59
			3	9/5/2012	9:15	821 451	Mountain whitefish	29	0	29	35.32
			4	9/11/2012	11:20	968 559	Bull trout	1	0	1	1.03
							Mountain whitefish	42	0	42	43.39
			5	9/16/2012	14:30	1050 569	Bull trout	2	1	3	2.86
							Mountain whitefish	105	0	105	100.00
			6	9/19/2012	15:00	1050 575	Mountain whitefish	133	0	133	126.67

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	1										
		113 SFC									
			1	8/24/2012	12:45	1050 512	Mountain whitefish	53	0	53	50.48
			2	8/30/2012	12:45	1050 528	Arctic grayling	1	0	1	0.95
							Bull trout	1	0	1	0.95
							Mountain whitefish	65	0	65	61.90
			3	9/5/2012	12:50	1050 663	Arctic grayling	0	1	1	0.95
							Bull trout	1	0	1	0.95
							Mountain whitefish	32	0	32	30.48
			4	9/11/2012	12:40	1050 591	Mountain whitefish	66	0	66	62.86
			5	9/16/2012	14:00	727 373	Mountain whitefish	60	0	60	82.53
			6	9/19/2012	14:15	727 392	Bull trout	0	2	2	2.75
							Mountain whitefish	57	0	57	78.40
		114 SFC									
			1	8/24/2012	13:30	727 333	Mountain whitefish	48	0	48	66.02
			2	8/30/2012	12:00	727 349	Mountain whitefish	45	0	45	61.90
			3	9/5/2012	11:30	727 364	Bull trout	0	2	2	2.75
							Mountain whitefish	34	0	34	46.77
			4	9/11/2012	13:30	727 374	Bull trout	4	0	4	5.50
							Mountain whitefish	44	0	44	60.52
			5	9/16/2012	15:15	919 476	Bull trout	2	0	2	2.18
							Mountain whitefish	64	0	64	69.64
			6	9/19/2012	15:15	919 480	Arctic grayling	0	1	1	1.09
							Mountain whitefish	91	0	91	99.02
		116 SFN									
			1	8/24/2012	15:00	919 462	Mountain whitefish	19	0	19	20.67
			2	8/30/2012	14:15	919 468	Mountain whitefish	26	0	26	28.29
			3	9/5/2012	14:00	919 571	Mountain whitefish	31	0	31	33.73
			4	9/11/2012	15:00	919 539	Mountain whitefish	48	0	48	52.23
			5	9/16/2012	15:00	955 438	Mountain whitefish	39	0	39	40.84
			6	9/19/2012	14:30	955 457	Bull trout	1	0	1	1.05
							Mountain whitefish	61	0	61	63.87

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	1										
		119 SFC									
			1	8/24/2012	14:30	955 406	Mountain whitefish	55	0	55	57.59
			2	8/30/2012	13:45	955 403	Mountain whitefish	23	0	23	24.08
			3	9/5/2012	13:30	955 434	Mountain whitefish	16	0	16	16.75
			4	9/11/2012	14:30	955 445	Mountain whitefish	22	0	22	23.04
			5	9/16/2012	11:45	747 460	Bull trout	1	0	1	1.34
							Mountain whitefish	60	0	60	80.32
			6	9/19/2012	11:30	747 534	Bull trout	0	1	1	1.34
							Mountain whitefish	87	0	87	116.47
Section	3										
		301 SFC									
			1	8/25/2012	11:15	1808 917	Bull trout	2	1	3	1.66
							Mountain whitefish	81	0	81	44.80
			2	8/31/2012	10:45	1808 967	Bull trout	1	0	1	0.55
							Mountain whitefish	68	0	68	37.61
			3	9/6/2012	10:45	1808 1028	Arctic grayling	1	0	1	0.55
							Bull trout	2	0	2	1.11
							Mountain whitefish	107	0	107	59.18
			4	9/12/2012	10:30	1808 997	Mountain whitefish	34	0	34	18.81
			5	9/17/2012	10:00	1808 874	Bull trout	3	0	3	1.66
							Mountain whitefish	85	0	85	47.01
			6	9/20/2012	10:00	1808 927	Arctic grayling	2	0	2	1.11
							Bull trout	4	0	4	2.21
							Mountain whitefish	56	0	56	30.97

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	3										
		302 SFC									
			1	8/25/2012	10:00	1840 787	Bull trout	3	0	3	1.63
							Mountain whitefish	59	0	59	32.07
			2	8/31/2012	10:00	1840 832	Bull trout	1	0	1	0.54
							Mountain whitefish	37	0	37	20.11
			3	9/6/2012	9:30	1840 948	Bull trout	2	0	2	1.09
							Mountain whitefish	49	0	49	26.63
			4	9/12/2012	9:30	1840 842	Bull trout	2	0	2	1.09
							Mountain whitefish	56	0	56	30.43
			5	9/17/2012	9:30	1840 834	Bull trout	3	0	3	1.63
							Mountain whitefish	39	0	39	21.20
			6	9/20/2012	9:30	1840 852	Bull trout	1	0	1	0.54
							Mountain whitefish	93	0	93	50.54
		303 SFC									
			1	8/25/2012	12:15	1378 623	Bull trout	2	0	2	1.45
							Mountain whitefish	86	0	86	62.41
			2	8/31/2012	11:45	1378 700	Bull trout	1	0	1	0.73
							Mountain whitefish	18	0	18	13.06
			3	9/6/2012	12:00	1378 719	Bull trout	0	1	1	0.73
							Mountain whitefish	68	0	68	49.35
			4	9/12/2012	11:30	1378 722	Mountain whitefish	33	0	33	23.95
			5	9/17/2012	10:30	1378 606	Bull trout	1	0	1	0.73
							Mountain whitefish	40	0	40	29.03
			6	9/20/2012	10:30	1378 681	Bull trout	1	1	2	1.45
							Mountain whitefish	54	0	54	39.19

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	3										
		304 SFN									
			1	8/25/2012	13:45	1407 632	Mountain whitefish	71	0	71	50.46
			2	8/31/2012	12:30	1407 648	Mountain whitefish	37	0	37	26.30
			3	9/6/2012	13:30	1407 671	Bull trout	1	0	1	0.71
							Mountain whitefish	59	0	59	41.93
			4	9/12/2012	12:15	1407 747	Bull trout	2	0	2	1.42
							Mountain whitefish	40	0	40	28.43
			5	9/17/2012	11:00	1407 667	Mountain whitefish	54	0	54	38.38
			6	9/20/2012	11:00	1407 683	Bull trout	1	0	1	0.71
							Mountain whitefish	79	0	79	56.15
		305 SFN									
			1	8/25/2012	14:30	1486 705	Bull trout	5	0	5	3.36
							Mountain whitefish	89	0	89	59.89
			2	8/31/2012	13:15	1486 696	Mountain whitefish	70	0	70	47.11
			3	9/6/2012	14:30	1486 786	Bull trout	1	0	1	0.67
							Mountain whitefish	86	0	86	57.87
			4	9/12/2012	13:15	1486 756	Bull trout	4	2	6	4.04
							Mountain whitefish	89	0	89	59.89
			5	9/17/2012	11:30	1486 494	Bull trout	3	1	4	2.69
							Mountain whitefish	116	0	116	78.06
			6	9/20/2012	11:30	1486 744	Bull trout	1	0	1	0.67
							Mountain whitefish	85	0	85	57.20

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	3										
		306 SFN									
			1	8/25/2012	16:30	980 528	Arctic grayling	1	0	1	1.02
							Mountain whitefish	20	0	20	20.41
			2	8/31/2012	14:45	980 562	Bull trout	2	0	2	2.04
							Mountain whitefish	26	0	26	26.53
			3	9/6/2012	16:00	980 555	Mountain whitefish	24	0	24	24.49
			4	9/12/2012	14:45	980 558	Bull trout	1	0	1	1.02
							Mountain whitefish	19	0	19	19.39
			5	9/17/2012	12:45	980 529	Bull trout	1	0	1	1.02
							Mountain whitefish	31	0	31	31.63
			6	9/20/2012	12:00	980 581	Arctic grayling	1	0	1	1.02
							Bull trout	1	0	1	1.02
							Mountain whitefish	25	0	25	25.51
		307 SFN									
			1	8/25/2012	16:00	960 569	Arctic grayling	1	0	1	1.04
							Bull trout	2	1	3	3.13
							Mountain whitefish	28	0	28	29.17
			2	8/31/2012	14:15	960 582	Arctic grayling	1	0	1	1.04
							Mountain whitefish	12	0	12	12.50
			3	9/6/2012	16:30	1158 621	Bull trout	6	1	7	6.04
							Mountain whitefish	33	0	33	28.50
			4	9/12/2012	16:30	855 481	Bull trout	1	0	1	1.17
							Mountain whitefish	24	0	24	28.07
			5	9/17/2012	15:30	994 508	Bull trout	1	0	1	1.01
							Mountain whitefish	44	0	44	44.27
			6	9/20/2012	14:00	994 502	Mountain whitefish	40	0	40	40.24

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	3										
		308 SFN									
			1	8/26/2012	13:15	994 489	Arctic grayling	1	0	1	1.01
							Mountain whitefish	61	0	61	61.37
			2	8/31/2012	15:30	1674 881	Arctic grayling	0	1	1	0.60
							Mountain whitefish	26	0	26	15.53
			3	9/7/2012	12:00	994 547	Mountain whitefish	27	0	27	27.16
			4	9/12/2012	15:30	1158 600	Bull trout	2	0	2	1.73
							Mountain whitefish	56	0	56	48.36
			5	9/17/2012	16:30	1486 622	Mountain whitefish	48	0	48	32.30
			6	9/20/2012	14:45	1486 605	Bull trout	0	1	1	0.67
							Mountain whitefish	54	0	54	36.34
		309 SFN									
			1	8/26/2012	16:00	1486 578	Bull trout	3	0	3	2.02
							Mountain whitefish	75	0	75	50.47
			2	9/1/2012	13:30	994 517	Mountain whitefish	51	0	51	51.31
			3	9/7/2012	12:30	1486 650	Bull trout	1	0	1	0.67
							Mountain whitefish	62	0	62	41.72
			4	9/13/2012	11:30	994 499	Mountain whitefish	23	0	23	23.14
			5	9/17/2012	13:30	855 480	Mountain whitefish	35	0	35	40.94
			6	9/20/2012	15:45	855 496	Mountain whitefish	21	0	21	24.56
		310 SFC									
			1	8/26/2012	10:30	855 468	Mountain whitefish	22	0	22	25.73
			2	9/1/2012	14:30	1486 601	Bull trout	1	0	1	0.67
							Mountain whitefish	78	0	78	52.49
			3	9/7/2012	14:45	855 582	Mountain whitefish	45	0	45	52.63
			4	9/13/2012	12:00	1486 637	Mountain whitefish	49	0	49	32.97
			5	9/17/2012	14:00	1208 657	Bull trout	2	0	2	1.66
							Mountain whitefish	72	0	72	59.60
			6	9/20/2012	16:15	1208 676	Bull trout	1	0	1	0.83
							Mountain whitefish	30	0	30	24.83

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	3										
		311 SFC									
			1	8/26/2012	11:15	1208 647	Mountain whitefish	45	0	45	37.25
			2	9/1/2012	10:45	855 526	Arctic grayling	1	0	1	1.17
							Mountain whitefish	51	0	51	59.65
			3	9/7/2012	15:30	1208 670	Bull trout	1	1	2	1.66
							Mountain whitefish	63	0	63	52.15
			4	9/13/2012	14:15	1208 641	Bull trout	1	0	1	0.83
							Mountain whitefish	58	0	58	48.01
			5	9/17/2012	13:15	1158 572	Bull trout	2	1	3	2.59
							Mountain whitefish	54	0	54	46.63
			6	9/20/2012	15:15	1158 604	Bull trout	4	1	5	4.32
							Mountain whitefish	57	0	57	49.22
		312 SFN									
			1	8/26/2012	10:00	1158 582	Bull trout	3	0	3	2.59
							Mountain whitefish	29	0	29	25.04
			2	9/1/2012	11:30	1208 696	Bull trout	1	0	1	0.83
							Mountain whitefish	55	0	55	45.53
			3	9/7/2012	16:30	1343 766	Mountain whitefish	52	0	52	38.72
			4	9/13/2012	15:15	1343 754	Mountain whitefish	54	0	54	40.21
			5	9/17/2012	14:15	1343 428	Bull trout	1	0	1	0.74
							Mountain whitefish	49	0	49	36.49
			6	9/20/2012	16:30	1343 721	Bull trout	2	0	2	1.49
							Mountain whitefish	57	0	57	42.44

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	3										
		314 SFC									
			1	8/26/2012	12:00	1343 717	Bull trout	4	0	4	2.98
							Mountain whitefish	56	0	56	41.70
			2	9/1/2012	10:00	1158 632	Bull trout	2	0	2	1.73
							Mountain whitefish	53	0	53	45.77
			3	9/7/2012	9:30	960 614	Mountain whitefish	37	0	37	38.54
			4	9/13/2012	9:40	960 580	Mountain whitefish	31	0	31	32.29
			5	9/17/2012	12:00	960 604	Mountain whitefish	28	0	28	29.17
			6	9/20/2012	13:00	960 619	Bull trout	2	2	4	4.17
							Mountain whitefish	25	0	25	26.04
		315 SFC									
			1	8/26/2012	14:15	1674 904	Arctic grayling	1	0	1	0.60
							Mountain whitefish	41	0	41	24.49
			2	9/1/2012	12:30	1343 788	Bull trout	1	1	2	1.49
							Mountain whitefish	78	0	78	58.08
			3	9/7/2012	10:30	1674 794	Mountain whitefish	88	0	88	52.57
			4	9/13/2012	10:15	1674 1040	Bull trout	2	3	5	2.99
							Mountain whitefish	43	0	43	25.69
			5	9/17/2012	15:00	1674 1007	Bull trout	1	1	2	1.19
							Mountain whitefish	44	0	44	26.28
			6	9/20/2012	13:30	1674 962	Arctic grayling	2	1	3	1.79
							Bull trout	4	2	6	3.58
							Mountain whitefish	45	0	45	26.88

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	3										
		316 SFC									
			1	8/26/2012	15:15	1371 774	Arctic grayling	2	2	4	2.92
							Bull trout	1	0	1	0.73
							Mountain whitefish	42	0	42	30.63
			2	9/1/2012	15:30	1371 745	Arctic grayling	1	0	1	0.73
							Bull trout	3	0	3	2.19
							Mountain whitefish	40	0	40	29.18
			3	9/7/2012	13:30	1371 843	Bull trout	1	1	2	1.46
							Mountain whitefish	55	0	55	40.12
			4	9/13/2012	13:00	1371 841	Arctic grayling	1	0	1	0.73
							Bull trout	3	0	3	2.19
							Mountain whitefish	70	0	70	51.06
			5	9/17/2012	16:00	1371 802	Arctic grayling	0	1	1	0.73
							Mountain whitefish	68	0	68	49.60
			6	9/20/2012	14:15	1371 809	Arctic grayling	1	2	3	2.19
							Bull trout	3	0	3	2.19
							Mountain whitefish	44	0	44	32.09
Section	5										
		501 SFC									
			1	8/27/2012	11:00	762 446	Bull trout	2	0	2	2.62
							Mountain whitefish	15	0	15	19.69
			2	9/2/2012	11:00	762 419	Mountain whitefish	14	0	14	18.37
			3	9/8/2012	10:45	762 427	Bull trout	2	0	2	2.62
							Mountain whitefish	13	0	13	17.06
			4	9/14/2012	11:00	762 433	Mountain whitefish	20	0	20	26.25
			5	9/18/2012	10:30	762 464	Mountain whitefish	17	0	17	22.31
			6	9/21/2012	10:15	762 429	Mountain whitefish	32	0	32	41.99

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	5										
		502 SFC									
			1	8/27/2012	12:15	1013 503	Arctic grayling	0	1	1	0.99
							Bull trout	1	0	1	0.99
							Mountain whitefish	25	0	25	24.68
			2	9/2/2012	11:40	1013 418	Mountain whitefish	11	0	11	10.86
			3	9/8/2012	11:15	1013 473	Mountain whitefish	40	0	40	39.49
			4	9/14/2012	11:45	1013 412	Bull trout	1	0	1	0.99
							Mountain whitefish	35	0	35	34.55
			5	9/18/2012	11:00	1013 447	Bull trout	1	0	1	0.99
							Mountain whitefish	44	0	44	43.44
			6	9/21/2012	11:00	1013 485	Bull trout	1	0	1	0.99
							Mountain whitefish	39	0	39	38.50
		503 SFN									
			1	8/27/2012	10:15	1059 367	Arctic grayling	1	3	4	3.78
							Bull trout	1	0	1	0.94
							Mountain whitefish	30	0	30	28.33
			2	9/2/2012	10:30	1059 403	Arctic grayling	0	1	1	0.94
							Mountain whitefish	12	0	12	11.33
			3	9/8/2012	9:45	1059 391	Arctic grayling	5	3	8	7.55
							Bull trout	2	0	2	1.89
							Mountain whitefish	33	0	33	31.16
			4	9/14/2012	10:15	1059 382	Arctic grayling	2	0	2	1.89
							Mountain whitefish	22	0	22	20.77
			5	9/18/2012	10:00	1059 374	Arctic grayling	0	1	1	0.94
							Mountain whitefish	41	0	41	38.72
			6	9/21/2012	10:00	1059 375	Bull trout	1	0	1	0.94
							Mountain whitefish	40	0	40	37.77

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	5										
		504 SFN									
			1	8/27/2012	11:30	582 396	Mountain whitefish	36	0	36	61.86
			2	9/2/2012	12:30	582 432	Bull trout	0	1	1	1.72
							Mountain whitefish	23	0	23	39.52
			3	9/8/2012	12:00	582 415	Arctic grayling	1	0	1	1.72
							Mountain whitefish	43	0	43	73.88
			4	9/14/2012	11:15	582 401	Bull trout	1	0	1	1.72
							Mountain whitefish	25	0	25	42.96
			5	9/18/2012	10:45	582 382	Mountain whitefish	17	0	17	29.21
			6	9/21/2012	10:45	582 387	Mountain whitefish	21	0	21	36.08
		505 SFC									
			1	8/27/2012	13:00	976 520	Arctic grayling	0	1	1	1.02
							Bull trout	2	0	2	2.05
							Mountain whitefish	29	0	29	29.71
			2	9/2/2012	13:00	976 521	Mountain whitefish	11	0	11	11.27
			3	9/8/2012	13:00	976 555	Bull trout	2	0	2	2.05
							Mountain whitefish	23	0	23	23.57
			4	9/14/2012	12:45	976 490	Bull trout	1	1	2	2.05
							Mountain whitefish	26	0	26	26.64
			5	9/18/2012	11:30	976 533	Bull trout	1	0	1	1.02
							Mountain whitefish	33	0	33	33.81
			6	9/21/2012	11:30	976 511	Bull trout	1	0	1	1.02
							Mountain whitefish	22	0	22	22.54

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	5										
		506 SFC									
			1	8/27/2012	13:45	1069 618	Arctic grayling	1	0	1	0.94
							Bull trout	0	1	1	0.94
							Mountain whitefish	6	0	6	5.61
			2	9/2/2012	13:50	1069 596	Mountain whitefish	7	0	7	6.55
			3	9/8/2012	13:30	1069 656	Mountain whitefish	5	0	5	4.68
			4	9/14/2012	13:30	1069 578	Bull trout	0	1	1	0.94
							Mountain whitefish	28	0	28	26.19
			5	9/18/2012	11:45	1069 577	Mountain whitefish	27	0	27	25.26
			6	9/21/2012	11:45	1069 582	Bull trout	2	0	2	1.87
							Mountain whitefish	11	0	11	10.29
		507 SFC									
			1	8/27/2012	14:30	1087 375	Mountain whitefish	27	0	27	24.84
			2	9/2/2012	14:30	1087 369	Bull trout	2	0	2	1.84
							Mountain whitefish	16	0	16	14.72
			3	9/8/2012	14:15	1087 416	Arctic grayling	1	0	1	0.92
							Bull trout	1	0	1	0.92
							Mountain whitefish	18	0	18	16.56
			4	9/14/2012	14:00	1087 396	Bull trout	1	0	1	0.92
							Mountain whitefish	25	0	25	23.00
			5	9/18/2012	12:15	1087 419	Mountain whitefish	38	0	38	34.96
			6	9/21/2012	12:00	1087 439	Bull trout	0	1	1	0.92
							Mountain whitefish	36	0	36	33.12

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	5										
		508 SFC									
			1	8/27/2012	14:45	898 475	Bull trout	1	0	1	1.11
							Mountain whitefish	57	0	57	63.47
			2	9/2/2012	15:15	898 577	Arctic grayling	1	3	4	4.45
							Bull trout	3	1	4	4.45
							Mountain whitefish	40	0	40	44.54
			3	9/8/2012	15:10	898 565	Mountain whitefish	34	0	34	37.86
			4	9/14/2012	14:45	898 510	Mountain whitefish	47	0	47	52.34
			5	9/18/2012	15:00	971 484	Arctic grayling	1	0	1	1.03
							Mountain whitefish	65	0	65	66.94
			6	9/21/2012	15:30	971 485	Arctic grayling	1	0	1	1.03
							Bull trout	1	0	1	1.03
							Mountain whitefish	37	0	37	38.11
		509 SFN									
			1	8/27/2012	15:45	1171 584	Arctic grayling	1	1	2	1.71
							Mountain whitefish	35	0	35	29.89
			2	9/2/2012	16:00	1098 695	Bull trout	2	0	2	1.82
							Mountain whitefish	7	0	7	6.38
			3	9/8/2012	16:00	1098 694	Bull trout	1	0	1	0.91
							Mountain whitefish	24	0	24	21.86
			4	9/14/2012	15:30	1098 557	Mountain whitefish	24	0	24	21.86
			5	9/18/2012	12:45	898 533	Mountain whitefish	79	0	79	87.97
			6	9/21/2012	13:00	898 478	Arctic grayling	0	1	1	1.11
							Mountain whitefish	26	0	26	28.95

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	5										
		510 SFC									
			1	8/28/2012	13:15	971 497	Bull trout	1	0	1	1.03
							Mountain whitefish	56	0	56	57.67
			2	9/3/2012	14:30	971 577	Arctic grayling	1	0	1	1.03
							Bull trout	1	0	1	1.03
							Mountain whitefish	46	0	46	47.37
			3	9/9/2012	13:15	971 560	Mountain whitefish	37	0	37	38.11
			4	9/15/2012	13:15	971 458	Mountain whitefish	83	0	83	85.48
			5	9/18/2012	13:30	1171 630	Mountain whitefish	56	0	56	47.82
			6	9/21/2012	13:45	1171 597	Mountain whitefish	41	0	41	35.01
		511 SFC									
			1	8/28/2012	10:30	924 373	Arctic grayling	1	0	1	1.08
							Bull trout	1	0	1	1.08
							Mountain whitefish	26	0	26	28.14
			2	9/3/2012	10:15	1171 626	Mountain whitefish	26	0	26	22.20
			3	9/9/2012	9:45	1171 546	Mountain whitefish	33	0	33	28.18
			4	9/15/2012	9:45	1171 573	Arctic grayling	1	0	1	0.85
							Bull trout	2	0	2	1.71
							Mountain whitefish	41	0	41	35.01
			5	9/18/2012	14:00	924 410	Arctic grayling	0	1	1	1.08
							Mountain whitefish	10	0	10	10.82
			6	9/21/2012	14:00	924 316	Mountain whitefish	2	0	2	2.16
		512 SFN									
			1	8/28/2012	10:00	1098 562	Arctic grayling	0	1	1	0.91
							Mountain whitefish	20	0	20	18.21
			2	9/3/2012	11:15	924 470	Mountain whitefish	24	0	24	25.97
			3	9/9/2012	10:20	924 457	Bull trout	1	0	1	1.08
							Mountain whitefish	16	0	16	17.32
			4	9/15/2012	10:30	924 405	Mountain whitefish	9	0	9	9.74
			5	9/18/2012	13:15	1098 620	Bull trout	1	0	1	0.91
							Mountain whitefish	28	0	28	25.50
			6	9/21/2012	13:15	1098 614	Mountain whitefish	24	0	24	21.86

**Appendix D Table D1 Standard boat electrofisher effort, catch, and catch-per-unit-effort, 2012
Peace River Fish Index Project.**

Area	Site	Habitat	Run	Date	Time	Effort (m) (s)	Species	Catch	Obs.	Number	CPUE (Fish/km)
Section	5										
		513 SFN									
			1	8/28/2012	12:00	999 400	Mountain whitefish	33	0	33	33.03
			2	9/3/2012	13:00	999 449	Mountain whitefish	22	0	22	22.02
			3	9/9/2012	11:45	999 432	Mountain whitefish	25	0	25	25.03
			4	9/15/2012	12:00	999 413	Mountain whitefish	22	0	22	22.02
			5	9/18/2012	14:30	999 400	Mountain whitefish	15	0	15	15.02
			6	9/21/2012	14:45	999 382	Arctic grayling	1	0	1	1.00
							Bull trout	1	0	1	1.00
							Mountain whitefish	16	0	16	16.02
		514 SFN									
			1	8/28/2012	13:00	785 314	Bull trout	1	0	1	1.27
							Mountain whitefish	17	0	17	21.66
			2	9/3/2012	14:00	785 354	Mountain whitefish	10	0	10	12.74
			3	9/9/2012	12:45	785 365	Bull trout	1	0	1	1.27
							Mountain whitefish	16	0	16	20.38
			4	9/15/2012	12:45	785 327	Bull trout	1	0	1	1.27
							Mountain whitefish	13	0	13	16.56
			5	9/18/2012	14:45	785 300	Mountain whitefish	8	0	8	10.19
			6	9/21/2012	15:15	785 312	Mountain whitefish	24	0	24	30.57
		515 SFN									
			1	8/28/2012	11:15	802 511	Arctic grayling	3	3	6	7.48
							Mountain whitefish	51	0	51	63.59
			2	9/3/2012	12:00	802 516	Arctic grayling	1	1	2	2.49
							Mountain whitefish	36	0	36	44.89
			3	9/9/2012	11:00	802 533	Arctic grayling	0	1	1	1.25
							Mountain whitefish	24	0	24	29.93
			4	9/15/2012	11:15	802 975	Bull trout	1	0	1	1.25
							Mountain whitefish	24	0	24	29.93
			5	9/18/2012	14:15	802 485	Arctic grayling	2	0	2	2.49
							Mountain whitefish	52	0	52	64.84
			6	9/21/2012	14:30	802 489	Bull trout	1	0	1	1.25
							Mountain whitefish	51	0	51	63.59

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APPENDIX E
Population Estimates

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APPENDIX E

POPULATION ESTIMATES

Mountain Whitefish

Characteristics that Impact Population Estimates

A comparison of Mountain Whitefish proportion of marks recaptured rate by tag type is plotted in Figure E.1. The confidence bounds for the older release dates (e.g., 2002, 2003) are large because few fish were recaptured in 2012. A comparison of the recovery rates by year of tag application and section is recorded in Table E.1. The rates of recapture by year of release were not significantly different by river section or when summed over all sections ($P > 0.05$).

Figure E.2 plots the proportion of available marked fish recaptured two and three times by sampling session. If fish are not influenced by electrofishing (more or less prone to subsequent recapture) then the line in Figure E.2 should be horizontal (Seber 1982). The confidence bounds on the recapture proportions, assuming a multinomial distribution, overlapped all other points. Therefore, multiple recaptures do not provide evidence of heterogeneous capture probability.

Histograms of the Mountain Whitefish lengths at release and recapture are plotted in Figures E.3 and E.4, respectively. Inspection of the figures reveals that smaller fish (250-260 mm) were not recaptured with the same frequency. A comparison of the lengths (accumulated into 25 mm intervals) by section is tabulated in Table E.2. Significant differences were not observed in any river section or overall ($P > 0.05$). A slight under representation of smaller fish in the recapture record has been seen consistently in this study and in all previous studies.

Time at large of recaptured Mountain Whitefish regressed on the growth increment (length at release minus length at recapture) is plotted in Figure E.5. An estimated growth rate of 0.04 mm per day was statistically significant ($P = 0.01$); however, a minor growth increment of 1.2 mm over the 30 day study period should not impede the population estimates because of growth recruitment (fish that became 250 mm during the study). The boarder histogram of the growth increment provides an indication of measurement error (residual standard deviation of 2.6 mm for each measurement), which is similar to the 2.4 mm error estimated in the 2011 study and better than in past years (3.3 mm, approximately).

The movement of recaptured Mountain Whitefish between sections during 2012 is listed in Table E.3 along with the estimates of the migration proportions adjusted for the number of fish examined (Equation 4). These proportions are plotted in Figure E.6. Figure E.7 provides a bar plot of the distance traveled within each section for marked fish released in 2011. Positive values indicate fish were recaptured upstream of the release site and *vice-versa*. Note that most fish were recaptured in the same site-of-release. The movement of recaptured whitefish between sections with the marks applied in 2002 to 2011 are tabulated in Table E.4 and plotted in Figures E.8 to E.17, respectively. For the 2002 to 2011

releases, a bar plot of the distance traveled within each section is displayed in Figure E.18. Consistent with movement patterns in previous studies, Mountain Whitefish were remarkably senescent. Similarly, for many of the past studies, the exit or entrance of marked fish from/into the study sections has been rarely observed.

Empirical Model Selection

The number of captures by encounter history and section used for the CJS analysis are listed in Table E.5. The ensuing project survival estimates and associated 95% confidence intervals are provided in Table E.6. Note that the 95% confidence intervals for all river sections included 1.0 (i.e., no mortality over the study interval).

The number of recaptures by encounter history and section used for the MARK closed population estimates with consistent sampling intensity (same distance travelled for the electrofishing sample) are listed in Table E.7. Note that negative values (indicating fish removals from the population) listed for sessions 1 to 3 were for fish that were examined for a mark but subsequently returned to the population unmarked. The changes in the Akaike information content (ΔAIC) values for the fitted models are listed in Table E.8. Only in Section 5 did the time varying capture probability model provide the best fit by a substantial margin. In all sections, the heterogeneous model provided the poorest fit to the data. Sensible estimates could not be obtained for the behaviour model (results not listed). As previously noted, the constant capture probability model assumes constant sample size and catchability for each sequence. Despite the constant sampling effort (in terms of distance traveled with the electrofisher), the sample size (marked and unmarked) collected in each sequence exhibited significant variation ($P < 0.05$, Chi-square test for multinomial distribution). A direct test of catchability is provided with population estimates using ADMB with Equations (1 to 3) in Table E.9 (input data listed in Table E.12 which is also used for the Bayesian model). The model with time varying catchability fit the data best in Sections 1 and 3; however, in Section 5 the constant catchability model fit the data best. The logarithmic population deviation estimates for the time varying catchability model (Equation 2) are plotted by section and date in Figure E.19. Note that the deviations for Section 5 are smaller than the deviations in the other sections. Also, the population estimates were similar (within 7%, approximately) regardless of the model applied.

Bayes Sequential Model for a Closed Population

The mark-recapture data were extracted by section from the database using marks applied during 2012 (PIT tags) and marks that were observed during 2012 that were originally applied in 2001 to 2011 (Floy and PIT tags) and a minimum length of 250 mm. Table E.10 lists Mountain Whitefish examined for marks and recaptures by date and section. The releases, adjusted for movement between sections (Equation 4) by section and date, are given in Table E.11. The compilations of marks available (Equation 6), fish examined (Equation 7), and recaptures (Equation 8) assuming 0.0 removal and 0% undetected mark rate are listed in Table E.12. The subsequent population estimates using the Bayesian closed model are given in Table E.13. The sequential posterior probability plots by section are provided in

Figures E.20, E.21 and E.22. The final posterior distributions for the three sections are drawn in Figure E.23.

The sequence of posterior probability plots can be used as an indicator of closure or change in the population size over the study period (Gazey and Staley 1986). Trends in the posterior plots can also be caused by trends in catchability or capture probability (changes in population size and changes in catchability over the study period are confounded). Inspection of the posterior probability plot sequences reveals that sections appear stable (no marked trend or sequence to larger or smaller population sizes) and were consistent with a convergence to a modal population size.

Arctic Grayling

The mark-recapture data were extracted by section from the database using all available marks with a minimum length of 250 mm. There was no movement between sections. Table E.14 lists Arctic Grayling examined for marks and recaptures by date and section. No recaptures were made in Sections 1 and 3; thus, diagnostic measures and population estimates were not generated. The releases by section and date are given in Table E.15. Compilations of marks available (Equation 6), fish examined (Equation 7), and recaptures (Equation 8) assuming 0.0 removal and 0% undetected mark rate are listed in Table E.16 for Section 5. The subsequent population estimates using the Bayesian closed model are given in Table E.17. The sequential posterior probability plot for Section 5 is provided in Figure E.24. Because of sparse recoveries, the posterior distribution for Section 5 is highly skewed and mean estimates are unreliable. A plot of the minimum population estimates is provided by Figure E.25. There is a 0.95 probability that the population size is at least 64.

Bull Trout

The mark-recapture data were extracted by section from the database using all marks applied with a minimum length of 250 mm. Table E.18 lists Bull Trout examined for marks and recaptures by date and section. There was no movement between sections. The releases by section and date are given in Table E.19. No recaptures were made in Section 1; thus, diagnostic measures and population estimates were not generated. The compilations of marks available (Equation 6), fish examined (Equation 7), and recaptures (Equation 8) assuming 0.0 removal and 0% undetected mark rate are listed in Table E.20 for Sections 3 and 5. The subsequent population estimates using the Bayesian closed model are given in Table E.21, the associated sequential posterior probability plots are provided in Figures E.26 and E.27.

Table E.1 A comparison of mountain whitefish recaptured in 2012 that were marked in 2002 to 2012 by section.

	One	Three	Five	Total		One	Three	Five	Total
Released in 2002					Released in 2008				
Recaptures	3	1		4	Recaptures	9	32	16	57
Marks	7	11		18	Marks	73	94	74	241
Percent		9.1		22.2	Percent	12.3	34.0	21.6	23.7
Time-at-large (days)	8.0	17.0		10.3	Time-at-large (days)	17.9	13.3	10.2	13.2
Released in 2003					Released in 2009				
Recaptures	4	2		6	Recaptures	18	25	21	64
Marks	17	13	2	32	Marks	98	101	85	284
Percent	23.5	15.4		18.8	Percent	18.4	24.8	24.7	22.5
Time-at-large (days)	11.5	12.0		11.7	Time-at-large (days)	12.2	13.4	13.2	13.0
Released in 2004					Released in 2010				
Recaptures	3	3	3	9	Recaptures	19	42	9	70
Marks	20	21	20	61	Marks	148	168	68	384
Percent	15.0	14.3	15.0	14.8	Percent	12.8	25.0	13.2	18.2
Time-at-large (days)	14.0	10.3	14.3	12.9	Time-at-large (days)	12.1	11.4	12.3	11.7
Released in 2005					Released in 2011				
Recaptures	9	11	9	29	Recaptures	21	47	21	89
Marks	26	41	31	98	Marks	167	236	116	519
Percent	34.6	26.8	29.0	29.6	Percent	12.6	19.9	18.1	17.1
Time-at-large (days)	13.2	13.2	12.2	12.9	Time-at-large (days)	13.2	11.2	12.5	12.0
Released in 2006					Released in 2012				
Recaptures	7	12		19	Recaptures	269	354	153	776
Marks	54	40		94	Marks	1753	1518	855	4126
Percent	13.0	30.0		20.2	Percent	15.3	23.3	17.9	18.8
Time-at-large (days)	16.4	15.3		15.7	Time-at-large (days)	14.4	12.1	12.4	13.0
Released in 2007					Independence Test:				
Recaptures	6	18	11	35	Probability	0.435	0.645	0.714	0.343
Marks	36	83	50	169					
Percent	16.7	21.7	22.0	20.7					
Time-at-large (days)	17.2	12.6	12.5	13.3					

Table E.2 Comparison of mountain whitefish lengths at release and recapture by section.

Length Interval	Section									
	One		Three		Five		Total			
	Count	Percent	Count	Percent	Count	Percent	Count	Percent		
Recaptures										
250-275	85	19.0	105	16.3	54	18.6	244	17.7		
275-300	92	20.5	123	19.1	35	12.0	250	18.1		
300-325	127	28.3	208	32.3	62	21.3	397	28.7		
325-350	85	19.0	105	16.3	54	18.6	244	17.7		
350-375	43	9.6	48	7.5	38	13.1	129	9.3		
375-400	10	2.2	31	4.8	24	8.2	65	4.7		
400-425	5	1.1	13	2.0	18	6.2	36	2.6		
425-450	1	0.2	10	1.6	6	2.1	17	1.2		
450-475			5		2					
Total	448	100.0	643	100.0	291	100.0	1382	100.0		
Releases										
250-275	579	19.5	420	15.4	280	17.9	1279	17.6		
275-300	516	17.4	559	20.6	228	14.6	1303	18.0		
300-325	844	28.4	802	29.5	341	21.8	1987	27.4		
325-350	579	19.5	420	15.4	280	17.9	1279	17.6		
350-375	289	9.7	241	8.9	182	11.7	712	9.8		
375-400	105	3.5	146	5.4	114	7.3	365	5.0		
400-425	38	1.3	93	3.4	92	5.9	223	3.1		
425-450	17	0.6	38	1.4	44	2.8	99	1.4		
450-475	10		21		13					
Total	2967	100.0	2719	100.0	1561	100.0	7247	100.0		
Like Ratio Chi-Square	4.49		7.64		2.61		2.36			
Probability	0.611		0.470		0.919		0.968			

Table E.3 Mountain whitefish recaptures and migration proportions adjusted (inverse weight) for fish examined by section released and recaptured during 2012.

Release Section	Recapture Section			Total
	One	Three	Five	
Recaptures:				
One	368	4	4	376
Three	0	543	5	548
Five	0	0	234	234
Sample:	4229	3738	2125	10092
Recap. %	8.70	14.63	11.44	
Proportions:				
One	0.967	0.012	0.021	1.000
Three	0.000	0.984	0.016	1.000
Five	0.000	0.000	1.000	1.000

Table E.4 Mountain whitefish recaptures and migration proportions adjusted (inverse weight) for fish examined by section released during 2002 to 2011 and recaptured in 2012.

Release Section	Recapture Section			Total	Release Section	Recapture Section			Total
	One	Three	Five			One	Three	Five	
2002 Releases					2007 Releases				
Recaptures:					Recaptures:				
One	7	1		8	One	40	0	0	40
Two				0	Three	2	105	1	108
Three	3	10		13	Five	0	1	64	65
Four		1		1	Sample:	4229	3738	2125	12220
Sample:	4229	3738	2125	10092	Recap. %	0.99	2.84	3.06	
Recap. %	0.24	0.32	0.00		Proportions:				
Proportions:					One	1	0	0	1
One	0.861	0.139	0.000	1.000	Three	0.016	0.968	0.016	1.000
Two					Five	0.000	0.009	0.991	1.000
Three	0.210	0.790	0.000	1.000					
Four	0.000	1.000	0.000	1.000					
2003 Releases					2008 Releases				
Recaptures:					Recaptures:				
One	22			22	One	79	0	0	79
Two				0	Three	1	130	1	132
Three		15		15	Five	2	1	91	94
Four			2	2	Sample:	4229	3738	2125	12220
Sample:	4229	3738	2125	12220	Recap. %	1.94	3.50	4.33	
Recap. %	0.52	0.40	0.09		Proportions:				
Proportions:					One	1	0	0	1
One	1.000	0.000	0.000	1.000	Three	0.007	0.980	0.013	1.000
Two					Five	0.011	0.006	0.983	1.000
Three	0.000	1.000	0.000	1.000					
Four	0.000	0.000	1.000	1.000					
2004 Releases					2009 Releases				
Recaptures:					Recaptures:				
One	22	1	0	23	One	116	2	0	118
Three	0	22	0	22	Three	0	128	5	133
Five	1	1	23	25	Five	1	0	101	102
Sample:	4229	3738	2125	12220	Sample:	4229	3738	2125	12220
Recap. %	0.54	0.64	1.08		Recap. %	2.77	3.48	4.99	
Proportions:					Proportions:				
One	0.951	0.049	0.000	1.000	One	0.981	0.019	0.000	1.000
Three	0.000	1.000	0.000	1.000	Three	0.000	0.936	0.064	1.000
Five	0.021	0.024	0.956	1.000	Five	0.005	0.000	0.995	1.000
2005 Releases					2010 Releases				
Recaptures:					Recaptures:				
One	35	0	0	35	One	115	0	0	115
Three	0	53	0	53	Three	4	203	0	207
Five	0	0	40	40	Five	1	8	67	76
Sample:	4229	3738	2125	12220	Sample:	4229	3738	2125	12220
Recap. %	0.83	1.42	1.88		Recap. %	2.84	5.64	3.15	
Proportions:					Proportions:				
One	1.000	0.000	0.000	1.000	One	1.000	0.000	0.000	1.000
Three	0.000	1.000	0.000	1.000	Three	0.017	0.983	0.000	1.000
Five	0.000	0.000	1.000	1.000	Five	0.007	0.063	0.930	1.000
2006 Releases					2011 Releases				
Recaptures:					Recaptures:				
One	60	2	0	62	One	179	1	0	180
Two	2	50	0	52	Three	3	284	3	290
Sample:	4229	3738	2125	12220	Five	6	7	128	141
Recap. %	1.47	1.39	0.00		Sample:	4229	3738	2125	12220
Proportions:					Proportions:				
One	0.964	0.036	0.000	1.000	Recap. %	4.45	7.81	6.16	
Two	0.034	0.966	0.000	1.000	One	0.994	0.006	0.000	1.000
					Three	0.009	0.973	0.018	1.000
					Five	0.022	0.029	0.948	1.000

Table E.5 Number of captures by encounter history and section used for the Cormack-Jolly-Seber analysis. A '1' indicates a capture and '0' no capture in the sequence. Negative entries indicate removals.

History	Section		
	One	Three	Five
000010	113	126	67
000011	7	19	5
000100	87	88	70
000101	24	34	10
000110	29	35	19
000111	2	3	3
001000	83	123	67
001001	19	33	12
001010	18	35	13
001011	1	6	1
001100	13	36	16
001101	1	3	0
001110	2	3	0
001111	0	1	0
010000	92	103	40
010001	25	17	8
010010	27	32	9
010011	7	2	1
010100	16	19	4
010101	0	0	1
010110	1	1	0
010111	0	1	0
011000	11	20	10
011001	3	2	0
011010	2	1	1
011100	2	2	1
011101	0	1	0
100000	101	128	85
100001	20	13	15
100010	23	28	18
100011	3	3	2
100100	17	37	18
100101	0	1	0
100110	0	4	0
101000	13	25	14
101001	3	0	0
101010	2	4	3
101011	1	0	0
101100	3	5	1
101110	0	1	0
110000	26	34	15
110001	1	5	0
110010	2	4	1
110100	0	2	2
110101	0	1	0
110110	0	1	0
111000	2	2	2
111010	0	0	1
010000	-1	0	0
100010	-1	0	0
101000	0	0	-1

Table E.6 Project survival estimates based on recaptures using the Cormack-Jolly-Seber model.

Section	Survival	SD	95% Confidence	
			Low	High
One	1.000	0.000	1.000	1.000
Three	0.999	0.026	0.948	1.000
Five	1.000	0.000	1.000	1.000

Table E.7 Number of captures by encounter history and section used for closed population estimates with consistent sampling intensity. A '1' indicates a capture and '0' no capture in the sequence. Negative values indicate a dead or removed mountain whitefish.

History	Section		
	One	Three	Five
0001	531	426	305
0010	459	528	258
0011	16	43	16
0100	503	445	194
0101	17	21	5
0110	16	23	11
0111	2	3	1
1000	542	462	333
1001	17	42	18
1010	19	29	17
1011	3	6	1
1100	29	43	16
1101	0	4	2
1110	2	2	3
0001	-2	0	-1
0010	-8	-3	-2
0100	-15	-2	-3
1000	-16	-5	-4
1010	0	0	-1

Table E.8 Delta Akaike's information criteria computed with program MARK restricted to the first four sampling sessions for alternative closed population models.

Model	Num. Par	Compared with M_t			Compared with M_0		
		ΔAIC	Weight	Model Like.	ΔAIC	Weight	Model Like.
Section One:							
M_t	5	0.0	0.667	1.000	-	-	-
M_0	2	2.2	0.220	0.330	0.0	0.661	1.000
M_h	3	3.6	0.113	0.169	1.3	0.339	0.513
Section Three:							
M_t	5	0.0	0.900	1.000	-	-	-
M_0	2	5.0	0.073	0.081	0.0	0.731	1.000
M_h	3	7.0	0.027	0.030	2.0	0.269	0.368
Section Five:							
M_t	5	0.0	1.000	1.000	-	-	-
M_0	2	40.4	0.000	0.000	0.0	0.731	1.000
M_h	3	42.4	0.000	0.000	2.0	0.269	0.367

Models:

- M_t - time varying capture probability
- M_0 - constant capture probability
- M_h - heterogeneous capture probability

Table E.9 Population estimates using AD Model Builder
 assuming constant population size (M_{0t}) and time varying catchability (M_{tt}).

Model	N	SD	Function	Param.	AIC	ΔAIC	Weight	Model Like.
Section One:								
M_{tt}	15,420	1,109	1161.2	8	2338.4	0.00	0.868	1.000
M_{0t}	15,972	782	1170.1	1	2342.1	3.76	0.132	0.153
Section Three:								
M_{tt}	8,753	474	1398.8	8	2813.6	0.00	0.926	1.000
M_{0t}	8,892	339	1408.3	1	2818.6	5.06	0.074	0.080
Section Five:								
M_{0t}	6,970	410	694.5	1	1391.0	0.00	0.969	1.000
M_{tt}	6,441	470	690.9	8	1397.8	6.87	0.031	0.032

Table E.10 Sample size and recaptures of mountain whitefish by section and date.

Date	One		Three		Five		Total	
	Sample	Recap.	Sample	Recap.	Sample	Recap.	Sample	Recap.
8/23/2012	337	0	0	0	0	0	337	0
8/24/2012	305	0	0	0	0	0	305	0
8/25/2012	0	0	347	0	0	0	347	0
8/26/2012	0	0	269	0	0	0	269	0
8/27/2012	0	0	0	0	218	0	218	0
8/28/2012	0	0	0	0	185	0	185	0
8/29/2012	336	14	0	0	0	0	336	14
8/30/2012	259	17	0	0	0	0	259	17
8/31/2012	0	0	240	17	0	0	240	17
9/1/2012	0	0	312	33	0	0	312	33
9/2/2012	0	0	0	0	101	9	101	9
9/3/2012	0	0	0	0	136	13	136	13
9/4/2012	339	21	0	0	0	0	339	21
9/5/2012	206	21	0	0	0	0	206	21
9/6/2012	0	0	327	28	0	0	327	28
9/7/2012	0	0	329	37	0	0	329	37
9/8/2012	0	0	0	0	176	15	176	15
9/9/2012	0	0	0	0	143	19	143	19
9/10/2012	288	18	0	0	0	0	288	18
9/11/2012	316	38	0	0	0	0	316	38
9/12/2012	0	0	297	58	0	0	297	58
9/13/2012	0	0	260	62	0	0	260	62
9/14/2012	0	0	0	0	188	22	188	22
9/15/2012	0	0	0	0	167	22	167	22
9/16/2012	842	118	0	0	0	0	842	118
9/17/2012	0	0	699	167	0	0	699	167
9/18/2012	0	0	0	0	449	75	449	75
9/19/2012	1001	121	0	0	0	0	1001	121
9/20/2012	0	0	658	145	0	0	658	145
9/21/2012	0	0	0	0	362	68	362	68
Total	4,229	368	3,738	547	2,125	243	10,092	1,158

Table E.11 Mountain whitefish marks applied by section and date adjusted for migration.

Date	One	Three	Five	Total
8/23/2012	316.3	3.9	6.8	327
8/24/2012	275.6	3.4	6.0	285
8/25/2012	0.0	322.8	5.2	328
8/26/2012	0.0	255.9	4.1	260
8/27/2012	0.0	0.0	210.0	210
8/28/2012	0.0	0.0	181.0	181
8/29/2012	302.7	3.7	6.5	313
8/30/2012	218.6	2.7	4.7	226
8/31/2012	0.0	215.5	3.5	219
9/1/2012	0.0	268.6	4.4	273
9/2/2012	0.0	0.0	87.0	87
9/3/2012	0.0	0.0	119.0	119
9/4/2012	297.9	3.7	6.4	308
9/5/2012	160.6	2.0	3.5	166
9/6/2012	0.0	286.4	4.6	291
9/7/2012	0.0	275.5	4.5	280
9/8/2012	0.0	0.0	154.0	154
9/9/2012	0.0	0.0	119.0	119
9/10/2012	250.5	3.1	5.4	259
9/11/2012	260.2	3.2	5.6	269
9/12/2012	0.0	228.3	3.7	232
9/13/2012	0.0	188.9	3.1	192
9/14/2012	0.0	0.0	162.0	162
9/15/2012	0.0	0.0	141.0	141
9/16/2012	114.1	1.4	2.5	118
9/17/2012	0.0	138.8	2.2	141
9/18/2012	0.0	0.0	72.0	72
9/19/2012	123.8	1.5	2.7	128
9/20/2012	0.0	108.2	1.8	110
9/21/2012	0.0	0.0	55.0	55
Total	2,320	2,317	1,387	6,025

Table E.12 Mountain whitefish sample, cumulative marks available for recapture and recaptures by section and date.

Date	Sample	Marks	Recap.
Section One:			
8/29/2012	336	592	14
8/30/2012	259	592	17
9/4/2012	339	1113	21
9/5/2012	206	1113	21
9/10/2012	288	1572	18
9/11/2012	316	1572	38
9/16/2012	842	2082	118
9/19/2012	1001	2196	121
Section Three:			
8/26/2012	269	4	
8/31/2012	240	586	17
9/1/2012	312	590	33
9/6/2012	327	1076	28
9/7/2012	329	1080	37
9/12/2012	297	1644	58
9/13/2012	260	1647	62
9/17/2012	699	2068	167
9/20/2012	658	2208	145
Section Five:			
8/27/2012	218	13	
8/28/2012	185	18	
9/2/2012	101	424	9
9/3/2012	136	428	13
9/8/2012	176	648	15
9/9/2012	143	653	19
9/14/2012	188	941	22
9/15/2012	167	945	22
9/18/2012	449	1251	75
9/21/2012	362	1328	68

Table E.13 Population estimates by section for mountain whitefish.

Section	Bayes Mean	MLE	95% HPD		Standard Deviation	CV (%)
			Low	High		
One	16,056	15,970	14,530	17,630	790	4.9
Three	8,922	8,890	8,260	9,610	341	3.8
Five	7,045	6,990	6,240	7,890	418	5.9
Total	32,023		30,148	33,898	957	3.0

Table E.14 Sample size and recaptures of Arctic grayling by section and date.

Date	One		Three		Five		Total	
	Sample	Recap.	Sample	Recap.	Sample	Recap.	Sample	Recap.
8/23/2012	0	0	0	0	0	0	0	0
8/24/2012	0	0	0	0	0	0	0	0
8/25/2012	0	0	1	0	0	0	1	0
8/26/2012	0	0	3	0	0	0	3	0
8/27/2012	0	0	0	0	3	0	3	0
8/28/2012	0	0	0	0	4	0	4	0
8/29/2012	0	0	0	0	0	0	0	0
8/30/2012	1	0	0	0	0	0	1	0
8/31/2012	0	0	0	0	0	0	0	0
9/1/2012	0	0	1	0	0	0	1	0
9/2/2012	0	0	0	0	1	0	1	0
9/3/2012	0	0	0	0	1	0	1	0
9/4/2012	0	0	0	0	0	0	0	0
9/5/2012	0	0	0	0	0	0	0	0
9/6/2012	0	0	0	0	0	0	0	0
9/7/2012	0	0	0	0	0	0	0	0
9/8/2012	0	0	0	0	6	0	6	0
9/9/2012	0	0	0	0	0	0	0	0
9/10/2012	1	0	0	0	0	0	1	0
9/11/2012	0	0	0	0	0	0	0	0
9/12/2012	0	0	0	0	0	0	0	0
9/13/2012	0	0	1	0	0	0	1	0
9/14/2012	0	0	0	0	2	1	2	1
9/15/2012	0	0	0	0	1	1	1	1
9/16/2012	1	0	0	0	0	0	1	0
9/17/2012	0	0	0	0	0	0	0	0
9/18/2012	0	0	0	0	2	0	2	0
9/19/2012	0	0	0	0	0	0	0	0
9/20/2012	0	0	4	0	0	0	4	0
9/21/2012	0	0	0	0	2	0	2	0
Total	3	0	10	0	22	2	35	2

Table E.15 Arctic grayling marks applied by section and date adjusted for migration.

Date	One	Three	Five	Total
8/23/2012	0.0	0.0	0.0	0
8/24/2012	0.0	0.0	0.0	0
8/25/2012	0.0	1.0	0.0	1
8/26/2012	0.0	3.0	0.0	3
8/27/2012	0.0	0.0	3.0	3
8/28/2012	0.0	0.0	4.0	4
8/29/2012	0.0	0.0	0.0	0
8/30/2012	1.0	0.0	0.0	1
8/31/2012	0.0	0.0	0.0	0
9/1/2012	0.0	1.0	0.0	1
9/2/2012	0.0	0.0	1.0	1
9/3/2012	0.0	0.0	1.0	1
9/4/2012	0.0	0.0	0.0	0
9/5/2012	0.0	0.0	0.0	0
9/6/2012	0.0	0.0	0.0	0
9/7/2012	0.0	0.0	0.0	0
9/8/2012	0.0	0.0	6.0	6
9/9/2012	0.0	0.0	0.0	0
9/10/2012	1.0	0.0	0.0	1
9/11/2012	0.0	0.0	0.0	0
9/12/2012	0.0	0.0	0.0	0
9/13/2012	0.0	1.0	0.0	1
9/14/2012	0.0	0.0	1.0	1
9/15/2012	0.0	0.0	0.0	0
9/16/2012	1.0	0.0	0.0	1
9/17/2012	0.0	0.0	0.0	0
9/18/2012	0.0	0.0	2.0	2
9/19/2012	0.0	0.0	0.0	0
9/20/2012	0.0	4.0	0.0	4
9/21/2012	0.0	0.0	2.0	2
Total	3.0	10.0	20.0	33.0

Table E.16 Arctic grayling sample, cumulative marks available for recapture and recaptures by section and date.

Date	Sample	Marks	Recap.
Section Five:			
9/2/2012	1	7	
9/3/2012	1	7	
9/8/2012	6	9	
9/14/2012	2	15	1
9/15/2012	1	15	1
9/18/2012	2	16	
9/21/2012	2	18	

Table E.17 Population estimates by section for Arctic grayling.

Section	Bayes Mean	MLE	95% HPD		Standard Deviation	CV (%)
			Low	High		
Five	327	89	28	1,038	306	93.5
Total	327	89	28	1,038	306	93.5

Table E.18 Sample size and recaptures of bull trout by section and date.

Date	One		Three		Five		Total	
	Sample	Recap.	Sample	Recap.	Sample	Recap.	Sample	Recap.
8/23/2012	3	0	0	0	0	0	3	0
8/24/2012	1	0	0	0	0	0	1	0
8/25/2012	0	0	11	0	0	0	11	0
8/26/2012	0	0	8	0	0	0	8	0
8/27/2012	0	0	0	0	7	0	7	0
8/28/2012	0	0	0	0	2	0	2	0
8/29/2012	2	0	0	0	0	0	2	0
8/30/2012	0	0	0	0	0	0	0	0
8/31/2012	0	0	3	0	0	0	3	0
9/1/2012	0	0	6	0	0	0	6	0
9/2/2012	0	0	0	0	3	1	3	1
9/3/2012	0	0	0	0	0	0	0	0
9/4/2012	1	0	0	0	0	0	1	0
9/5/2012	0	0	0	0	0	0	0	0
9/6/2012	0	0	10	1	0	0	10	1
9/7/2012	0	0	2	1	0	0	2	1
9/8/2012	0	0	0	0	5	0	5	0
9/9/2012	0	0	0	0	1	0	1	0
9/10/2012	2	0	0	0	0	0	2	0
9/11/2012	2	0	0	0	0	0	2	0
9/12/2012	0	0	9	2	0	0	9	2
9/13/2012	0	0	4	1	0	0	4	1
9/14/2012	0	0	0	0	3	1	3	1
9/15/2012	0	0	0	0	3	0	3	0
9/16/2012	6	0	0	0	0	0	6	0
9/17/2012	0	0	13	1	0	0	13	1
9/18/2012	0	0	0	0	2	0	2	0
9/19/2012	5	0	0	0	0	0	5	0
9/20/2012	0	0	21	1	0	0	21	1
9/21/2012	0	0	0	0	6	1	6	1
Total	22	0	87	7	32	3	141	10

Table E.19 Bull trout marks applied by section and date adjusted for migration.

Date	One	Three	Five	Total
8/23/2012	3.0	0.0	0.0	3
8/24/2012	1.0	0.0	0.0	1
8/25/2012	0.0	11.0	0.0	11
8/26/2012	0.0	8.0	0.0	8
8/27/2012	0.0	0.0	7.0	7
8/28/2012	0.0	0.0	2.0	2
8/29/2012	2.0	0.0	0.0	2
8/30/2012	0.0	0.0	0.0	0
8/31/2012	0.0	3.0	0.0	3
9/1/2012	0.0	6.0	0.0	6
9/2/2012	0.0	0.0	2.0	2
9/3/2012	0.0	0.0	0.0	0
9/4/2012	1.0	0.0	0.0	1
9/5/2012	0.0	0.0	0.0	0
9/6/2012	0.0	9.0	0.0	9
9/7/2012	0.0	1.0	0.0	1
9/8/2012	0.0	0.0	5.0	5
9/9/2012	0.0	0.0	1.0	1
9/10/2012	2.0	0.0	0.0	2
9/11/2012	2.0	0.0	0.0	2
9/12/2012	0.0	7.0	0.0	7
9/13/2012	0.0	3.0	0.0	3
9/14/2012	0.0	0.0	2.0	2
9/15/2012	0.0	0.0	3.0	3
9/16/2012	6.0	0.0	0.0	6
9/17/2012	0.0	12.0	0.0	12
9/18/2012	0.0	0.0	2.0	2
9/19/2012	5.0	0.0	0.0	5
9/20/2012	0.0	18.0	0.0	18
9/21/2012	0.0	0.0	5.0	5
Total	22.0	78.0	29.0	129

Table E.20 Bull trout sample, cumulative marks available for recapture and recaptures by section and date.

Date	Sample	Marks	Recap.
Section Three:			
8/31/2012	3	19	
9/1/2012	6	19	
9/6/2012	10	28	1
9/7/2012	2	28	1
9/12/2012	9	38	2
9/13/2012	4	38	1
9/17/2012	13	48	1
9/20/2012	21	60	1
Section Five:			
9/2/2012	3	9	1
9/8/2012	5	11	
9/9/2012	1	11	
9/14/2012	3	17	1
9/15/2012	3	17	
9/18/2012	2	22	
9/21/2012	6	24	1

Table E.21 Population estimates by section for bull trout.

Section	Bayes Mean	MLE	95% HPD		Standard Deviation	CV (%)
			Low	High		
Three	574	420	212	1,092	256	44.6
Five	316	129	45	901	283	89.5
Total	890	659	353	1,595	381	42.9

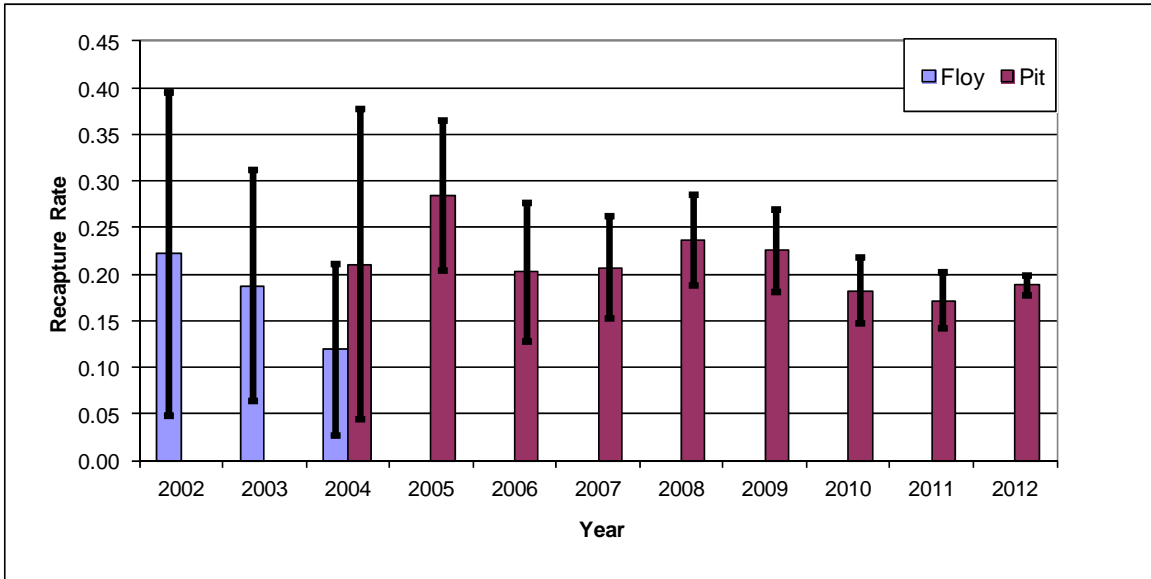


Figure E.1 Proportion of marks recaptured (recapture rate) by tag type and year of release for mountain whitefish.

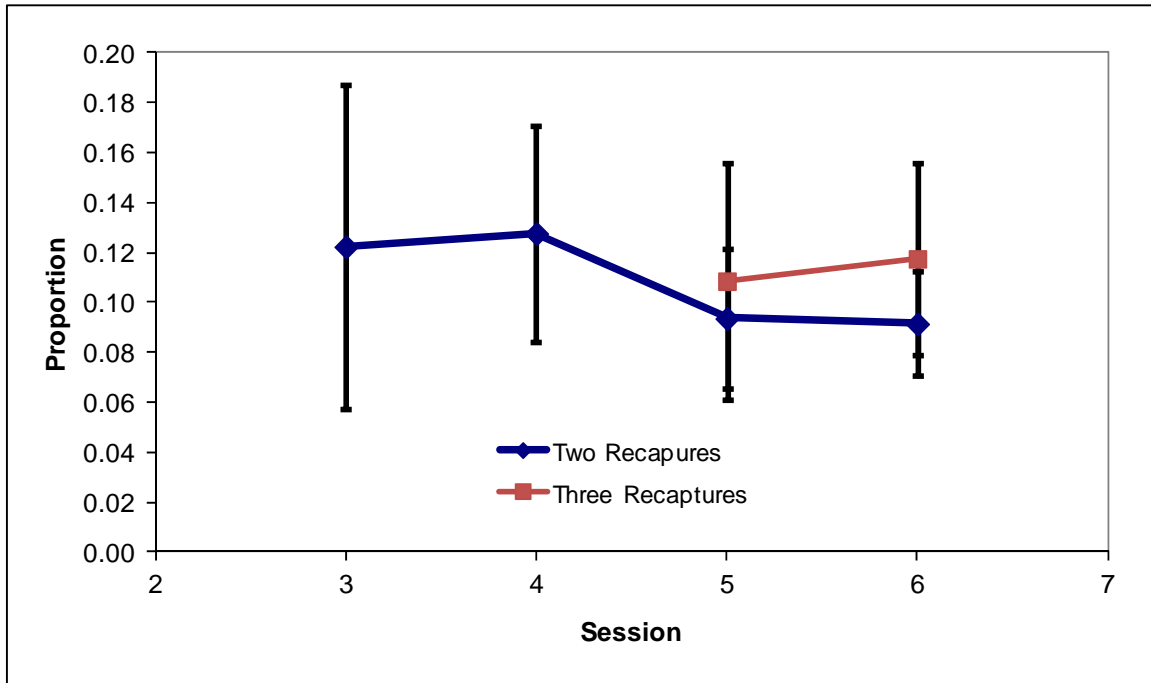


Figure E.2 Proportion of mountain whitefish recaptured two and three times by sampling session. Error bars represent the 95% confidence interval assuming a multinomial distribution.

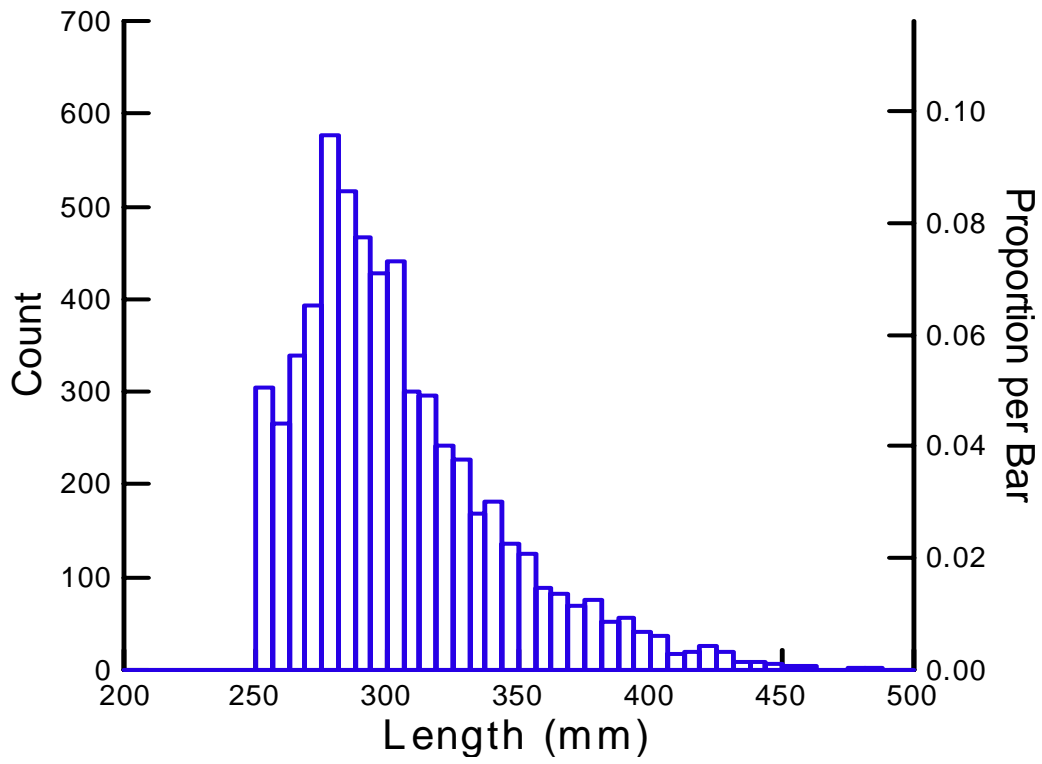


Figure E.3 Histogram of mountain whitefish lengths at release.

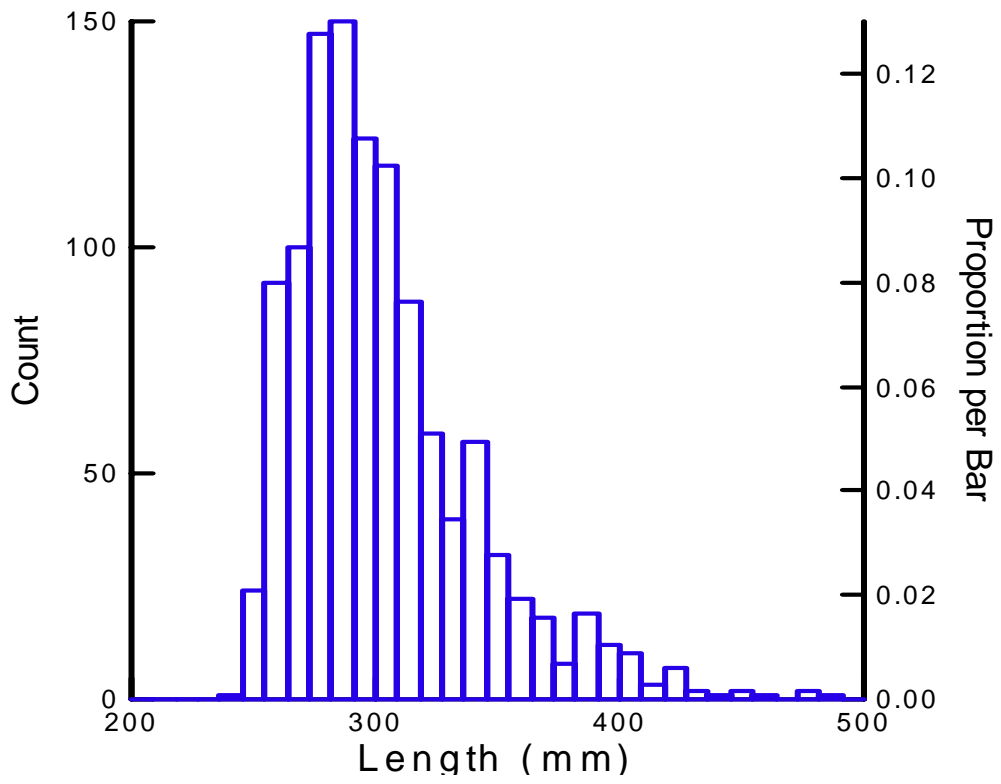


Figure E.4 Histogram of mountain whitefish lengths at recapture.

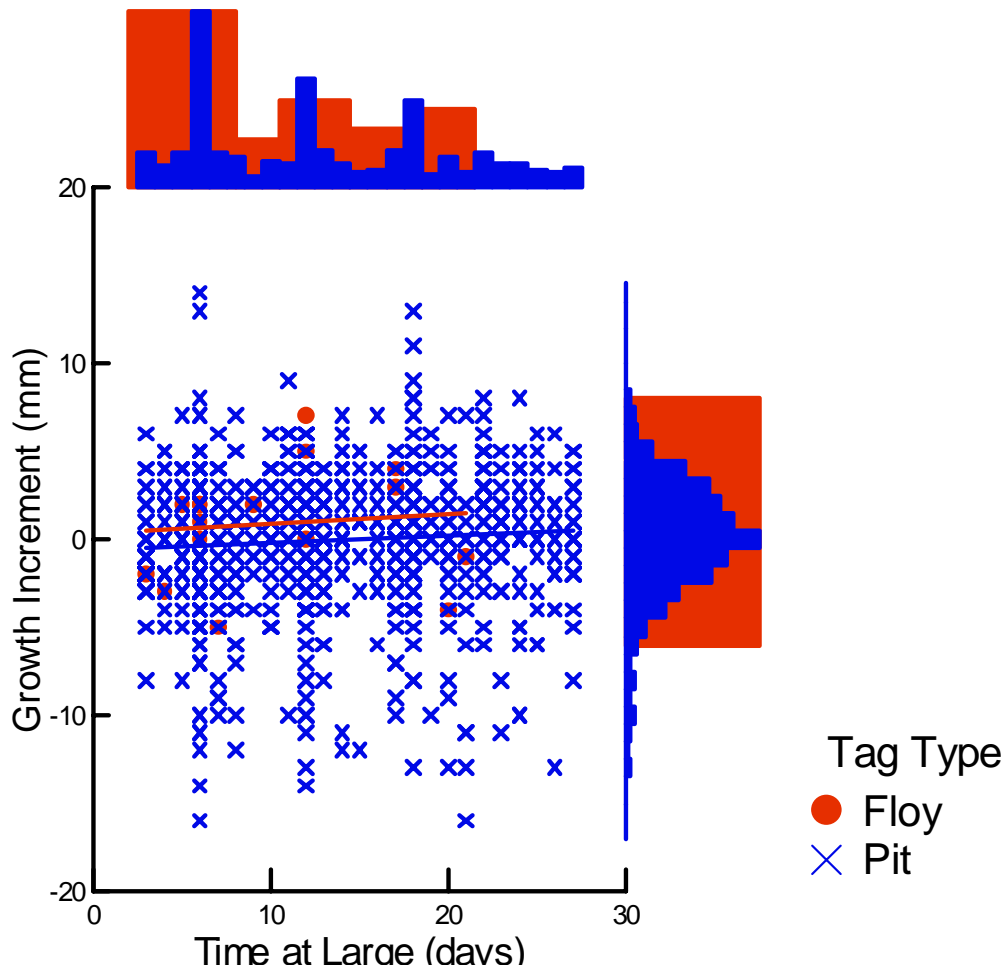


Figure E.5 Growth over the study period of mountain whitefish with border histograms of time at large and growth increment by tag type.

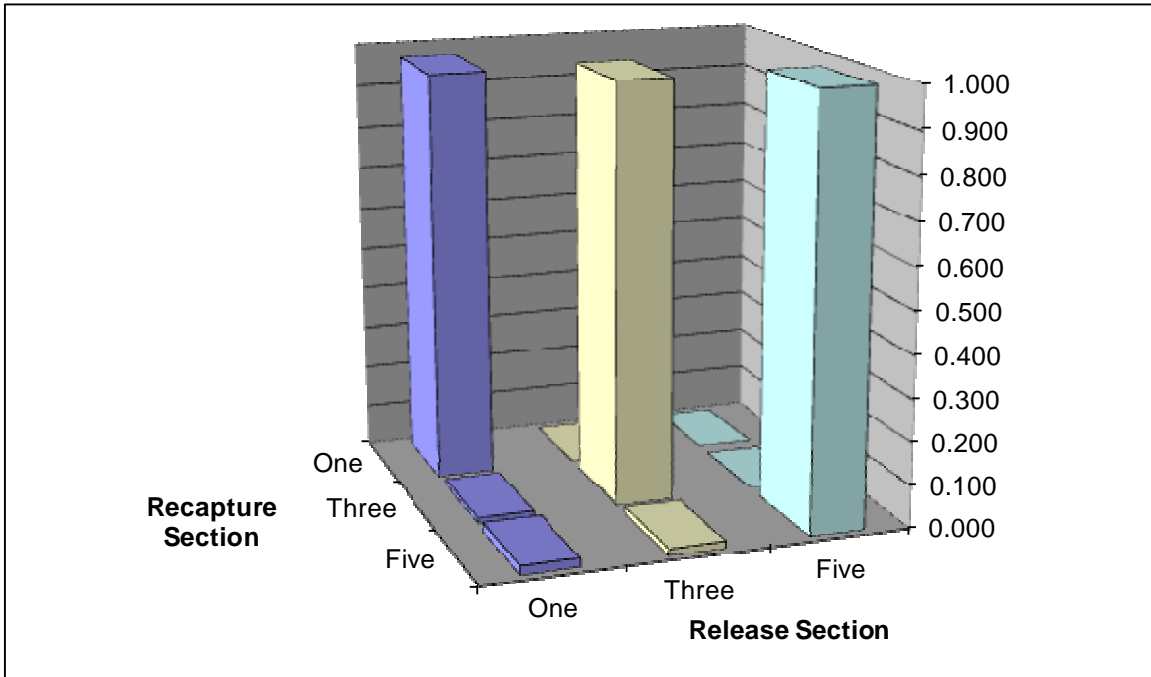


Figure E.6 Distribution of recaptured marks released in 2012 standardized for sampling effort by section of release for mountain whitefish.

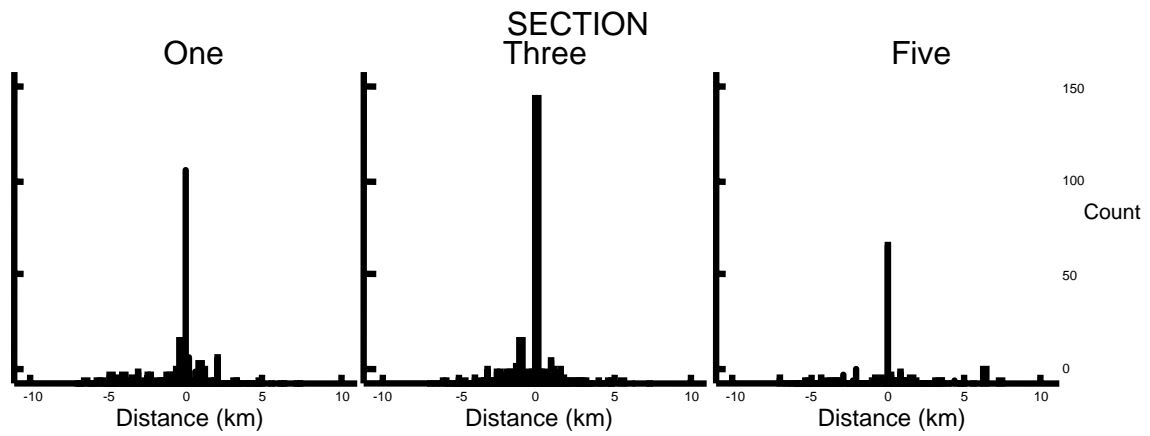


Figure E.7 Bar plot of the travel distance of recaptured mountain whitefish released in 2012 within each of the sections sampled (positive values indicate upstream movement and negative values downstream movement).

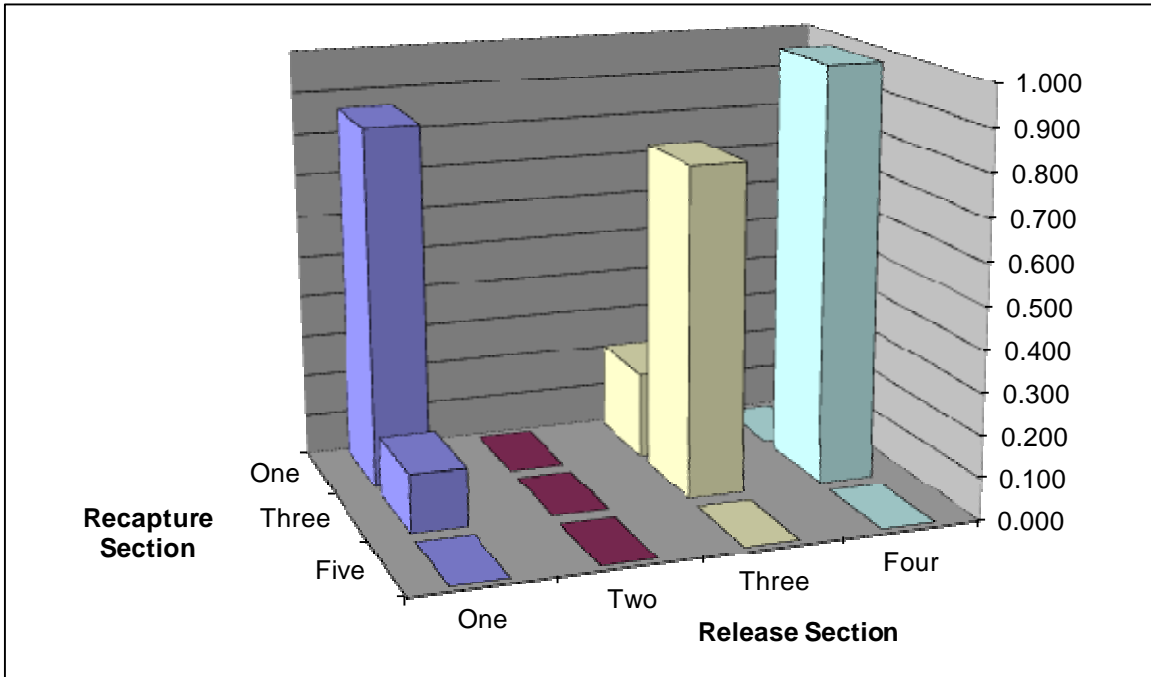


Figure E.8 Distribution of recaptured marks in 2012 standardized for sampling effort by section of release for mountain whitefish released in 2002.

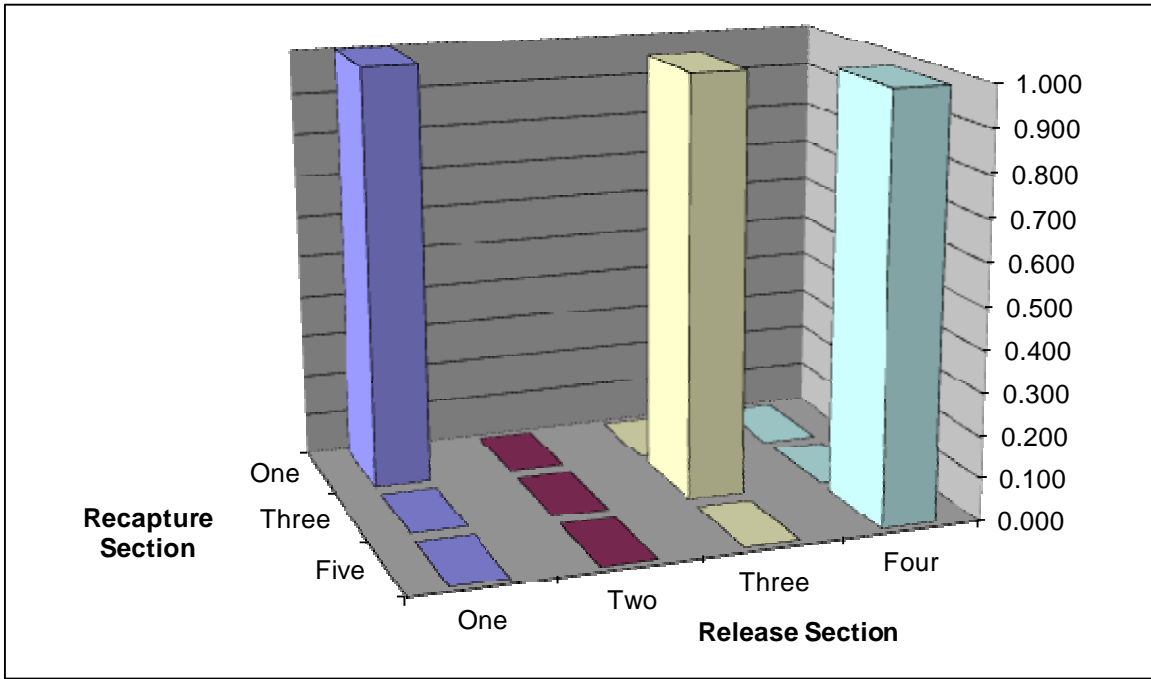


Figure E.9 Distribution of recaptured marks in 2012 standardized for sampling effort by section of release for mountain whitefish released in 2003.

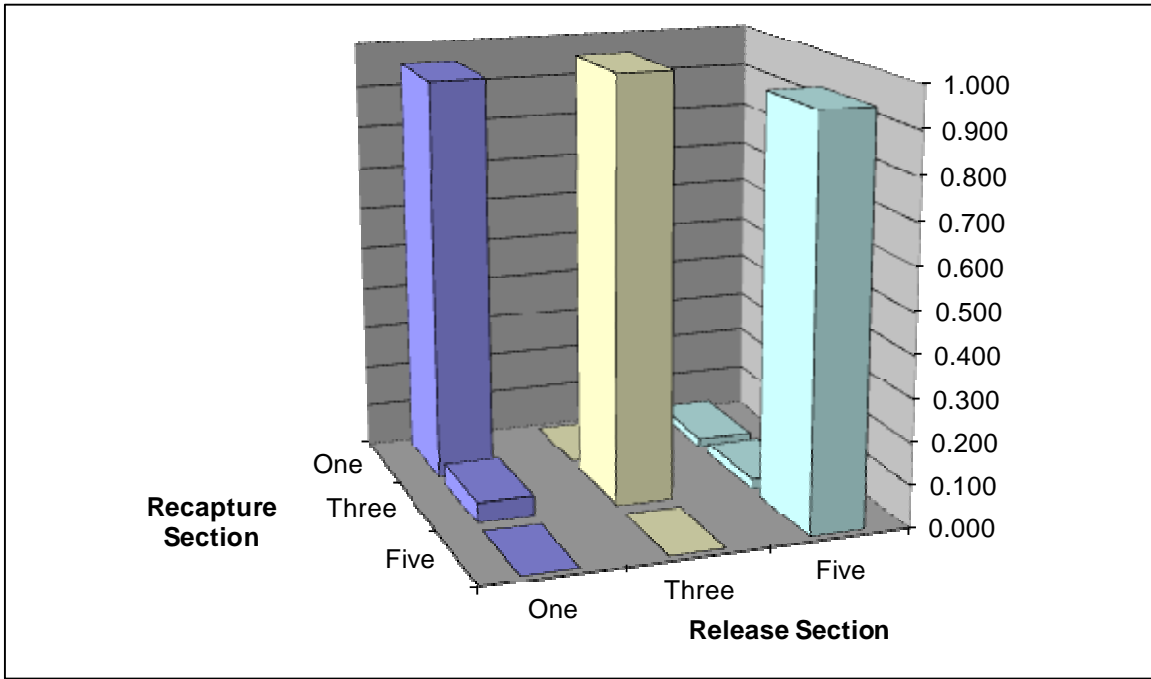


Figure E.10 Distribution of recaptured marks in 2012 standardized for sampling effort by section of release for mountain whitefish released in 2004.

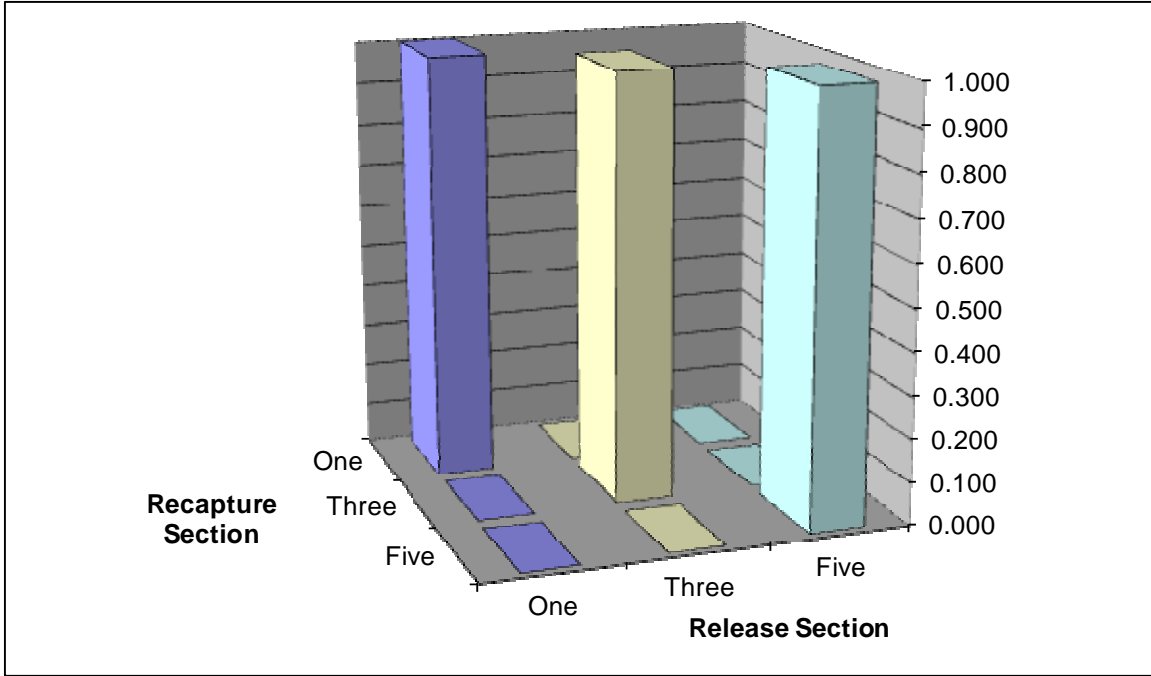


Figure E.11 Distribution of recaptured marks in 2012 standardized for sampling effort by section of release for mountain whitefish released in 2005.

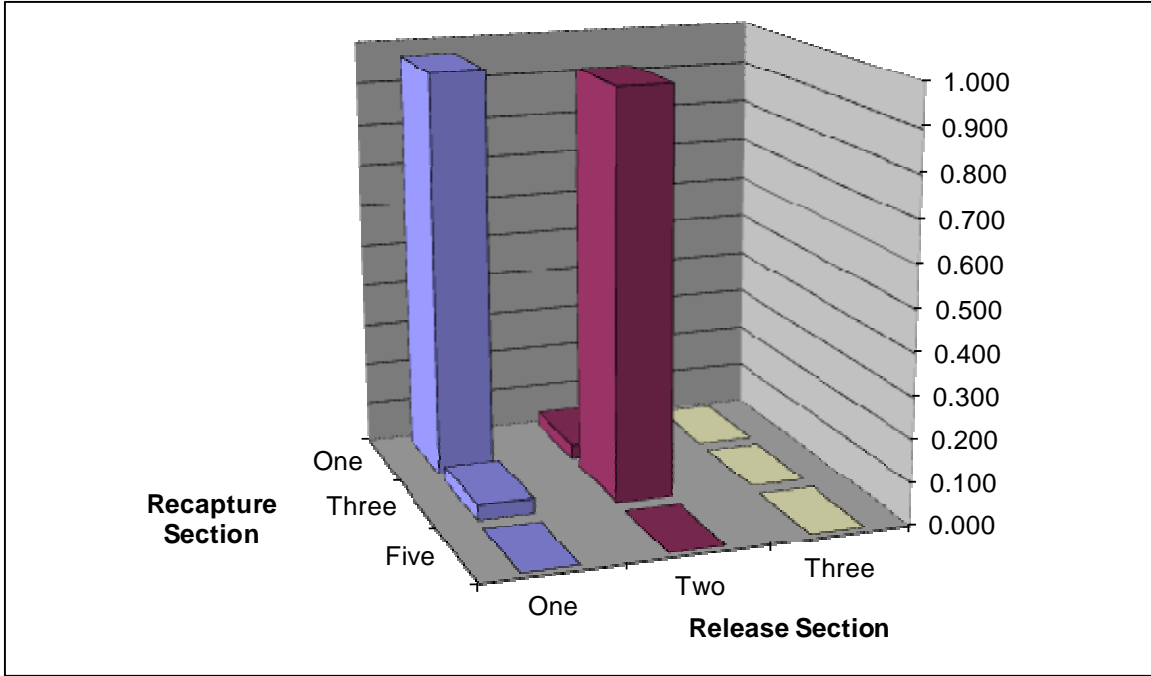


Figure E.12 Distribution of recaptured marks in 2012 standardized for sampling effort by section of release for mountain whitefish released in 2006.

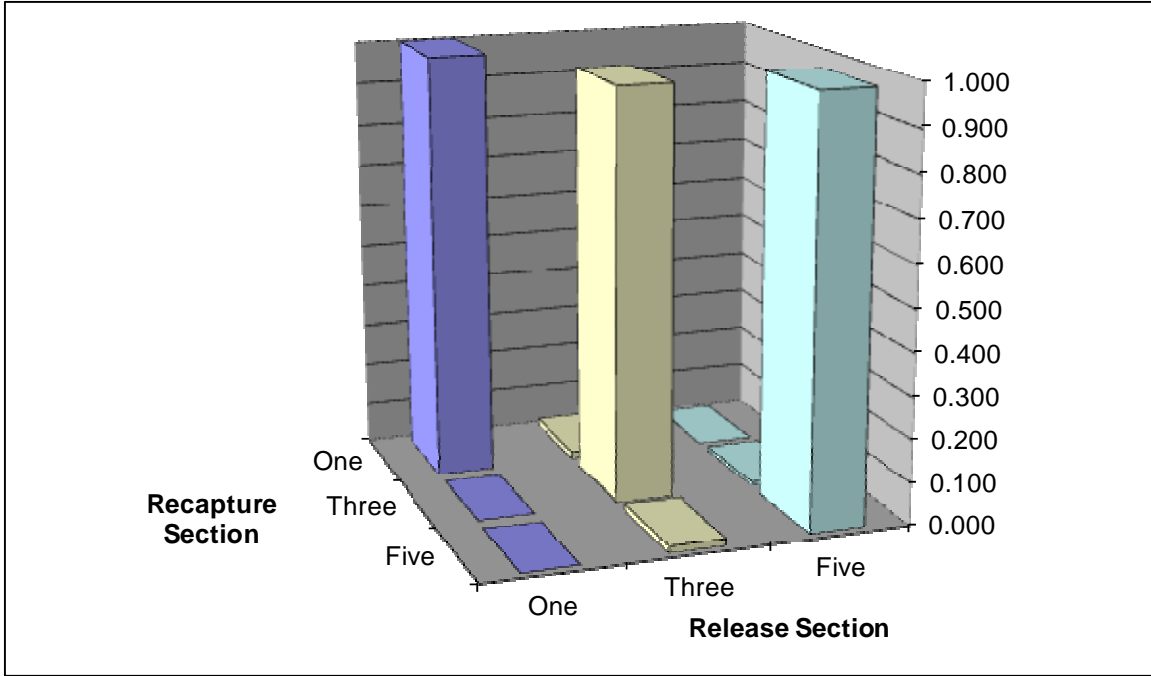


Figure E.13 Distribution of recaptured marks in 2012 standardized for sampling effort by section of release for mountain whitefish released in 2007.

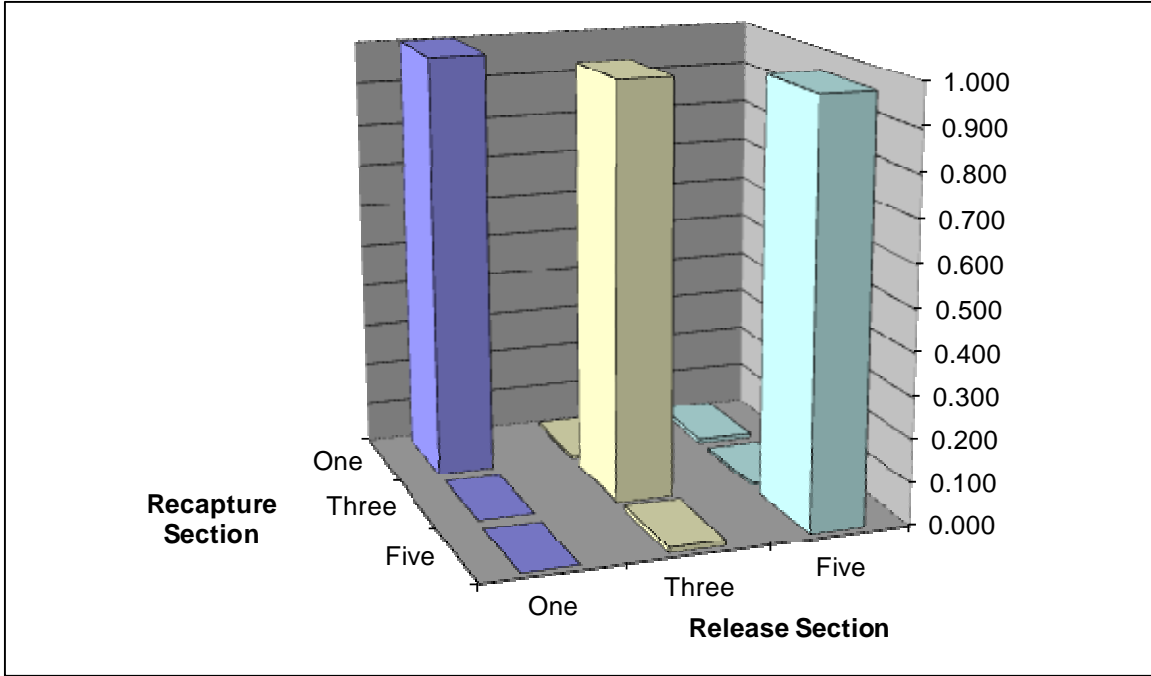


Figure E.14 Distribution of recaptured marks in 2012 standardized for sampling effort by section of release for mountain whitefish released in 2008.

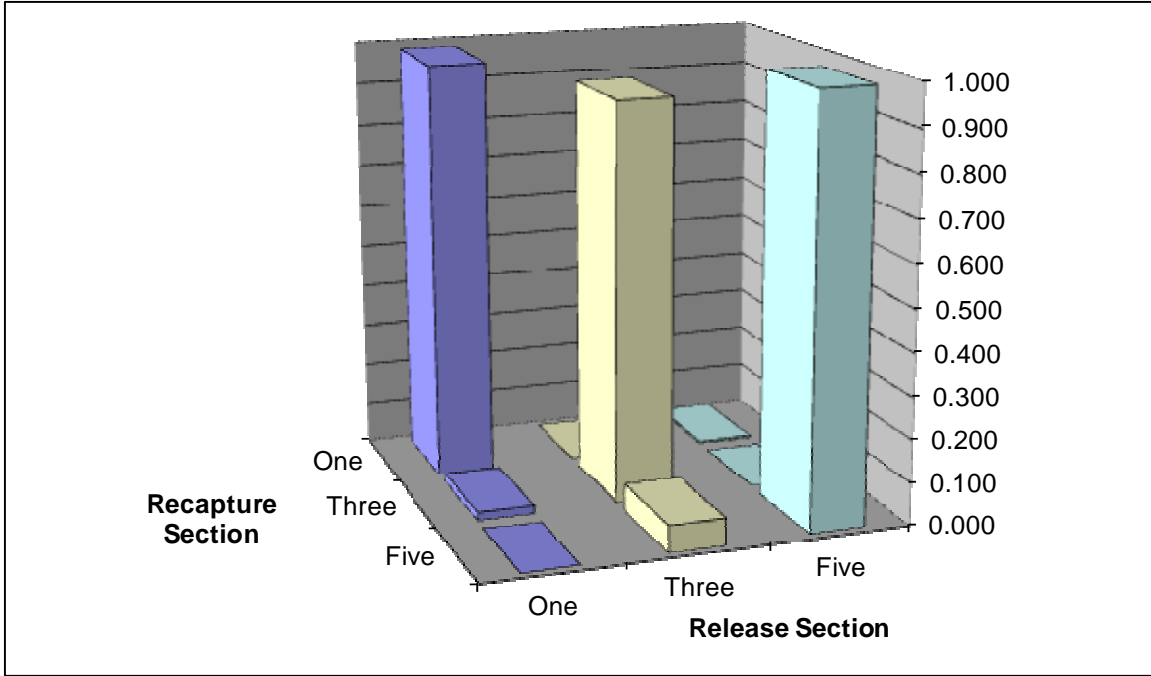


Figure E.15 Distribution of recaptured marks in 2012 standardized for sampling effort by section of release for mountain whitefish released in 2009.

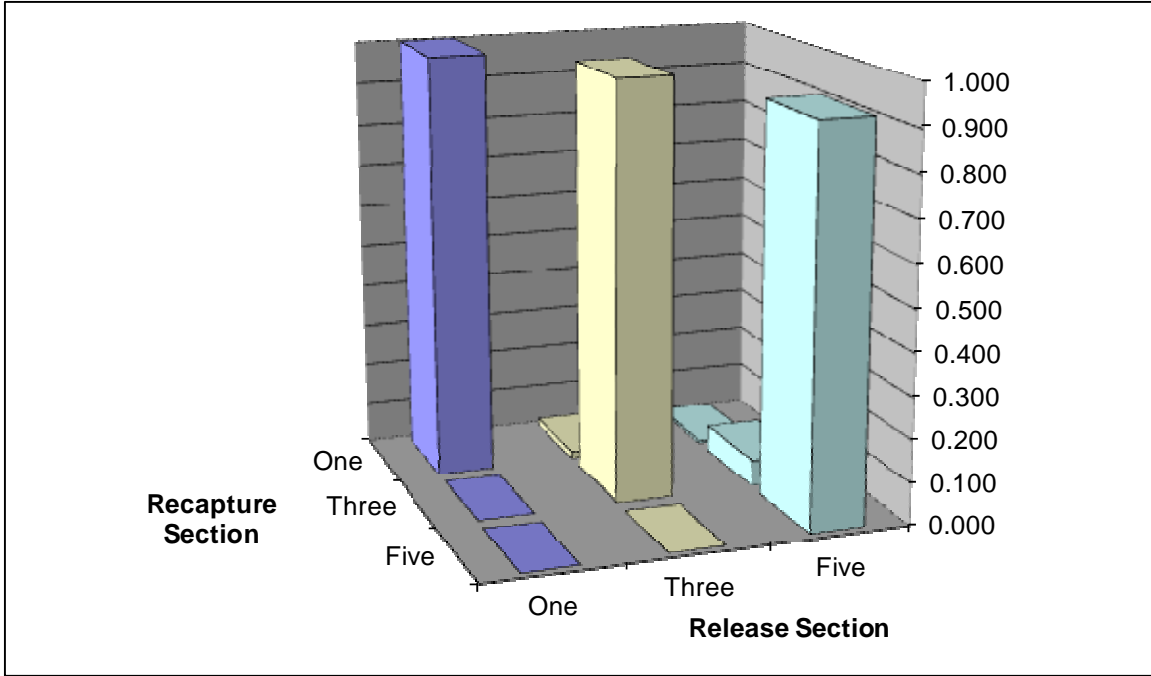


Figure E.16 Distribution of recaptured marks in 2012 standardized for sampling effort by section of release for mountain whitefish released in 2010.

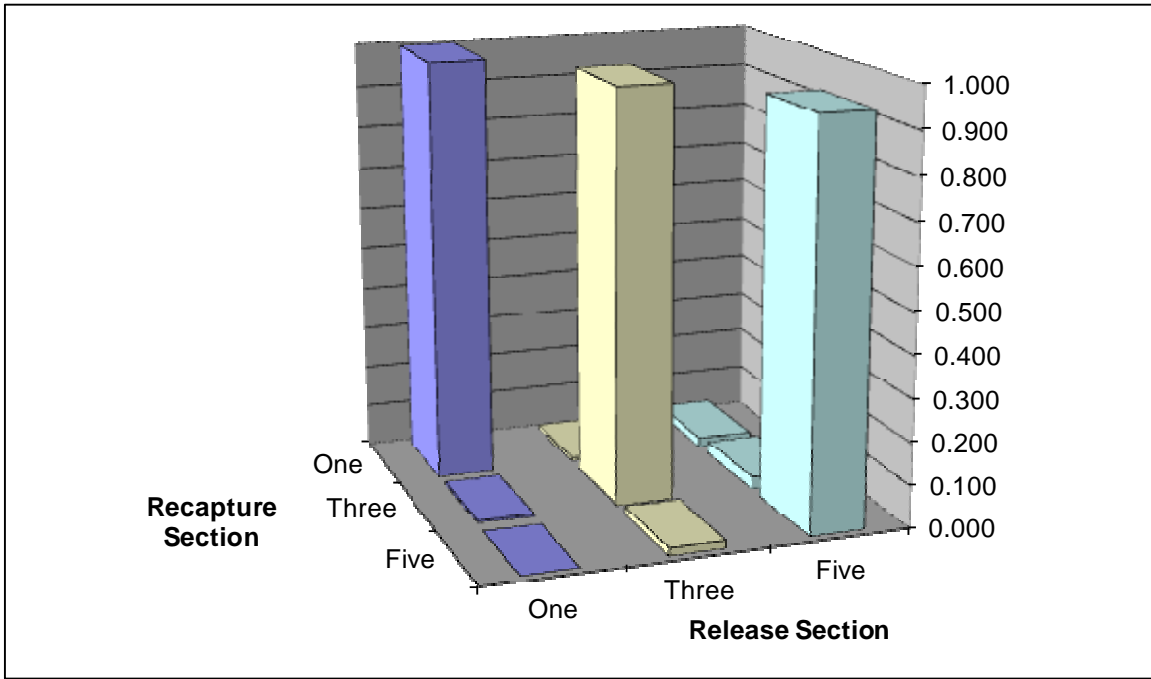


Figure E.17 Distribution of recaptured marks in 2012 standardized for sampling effort by section of release for mountain whitefish released in 2011.

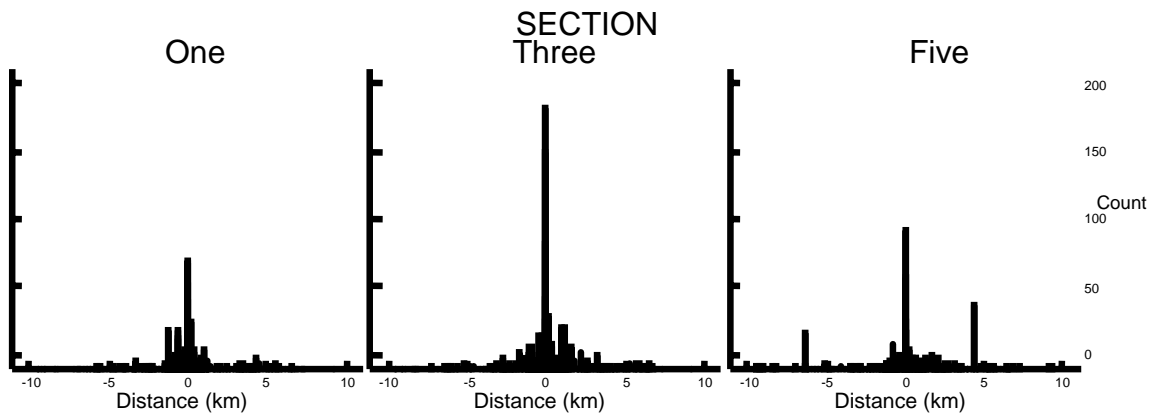


Figure E.18 Bar plot of the travel distance of recaptured mountain whitefish released from 2002 to 2011 within each of the sections sampled (positive values indicate upstream movement and negative values downstream movement) and captured in 2012

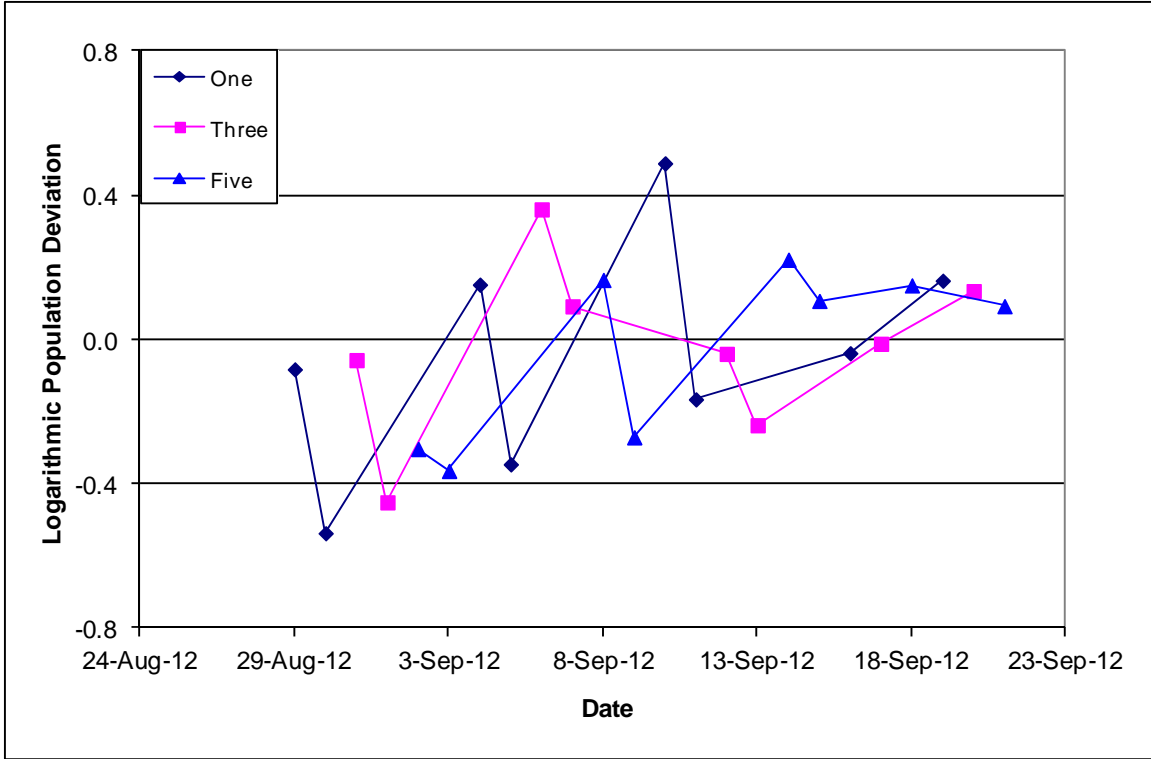


Figure E.19 Logarithmic population deviation from the mean by section and date for mountain whitefish.

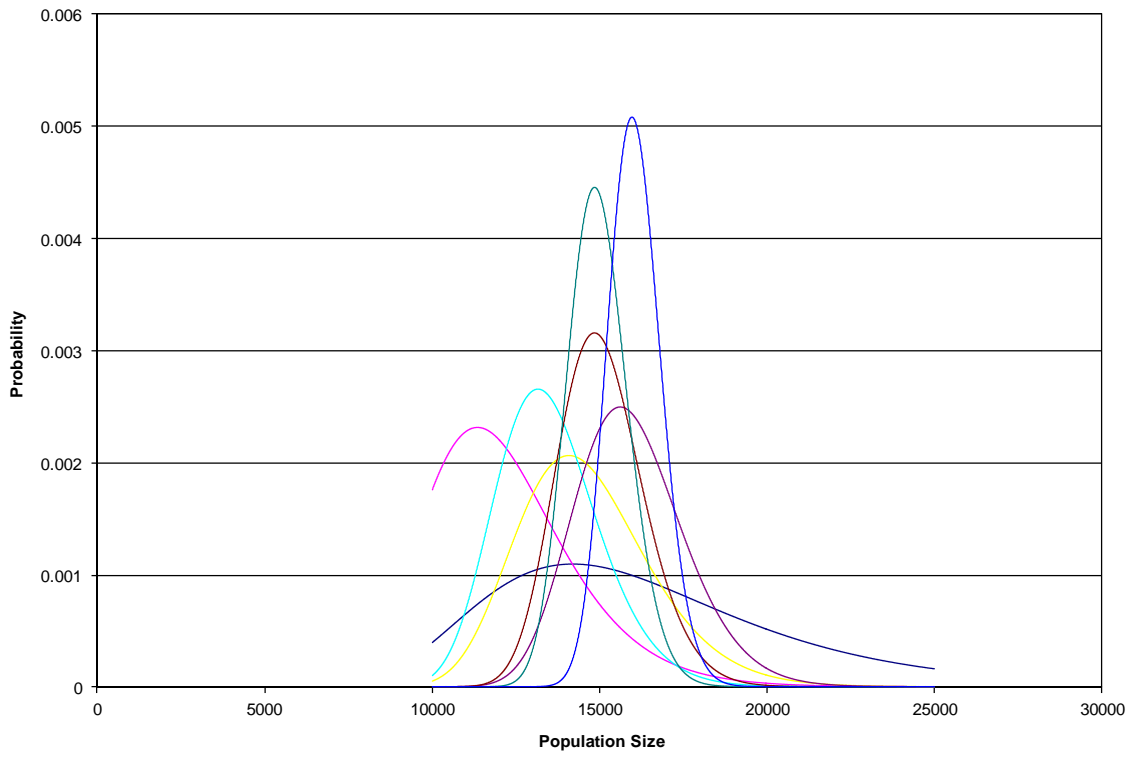


Figure E.20 Sequential posterior probability plots of population size for Section 1 mountain whitefish in 2012. Each line is the posterior probability updated by a sample day.

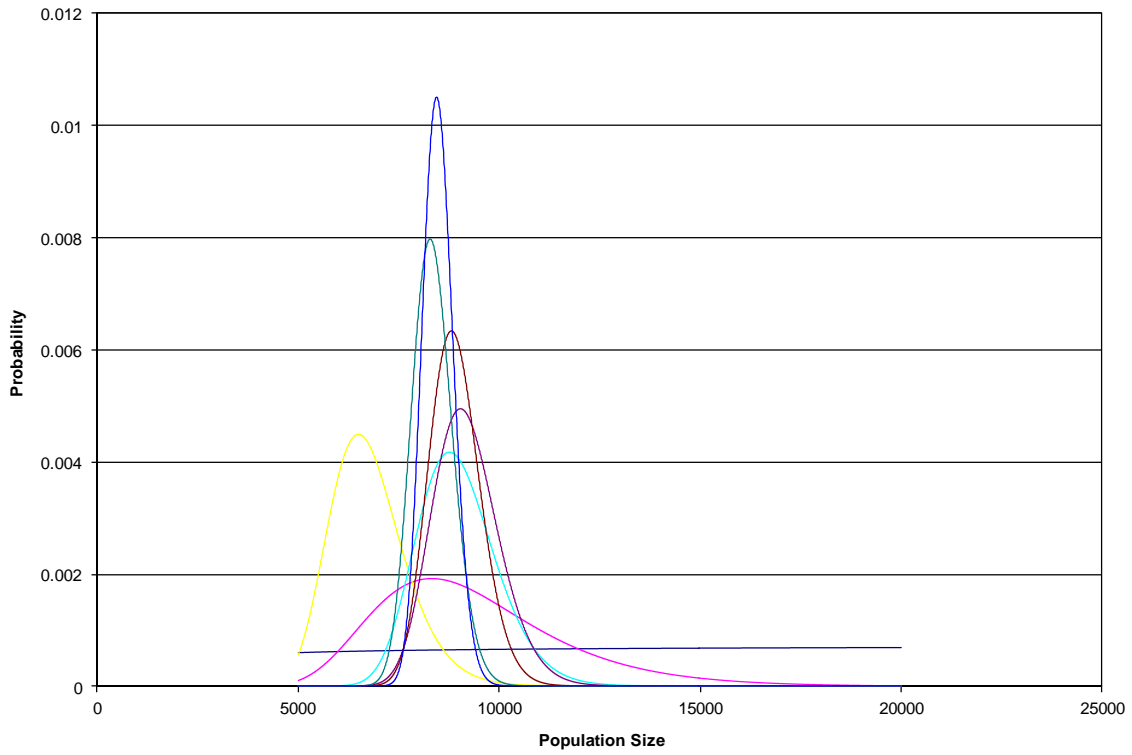


Figure E.21 Sequential posterior probability plots of population size for Section 3 mountain whitefish in 2012. Each line is the posterior probability updated by a sample day.

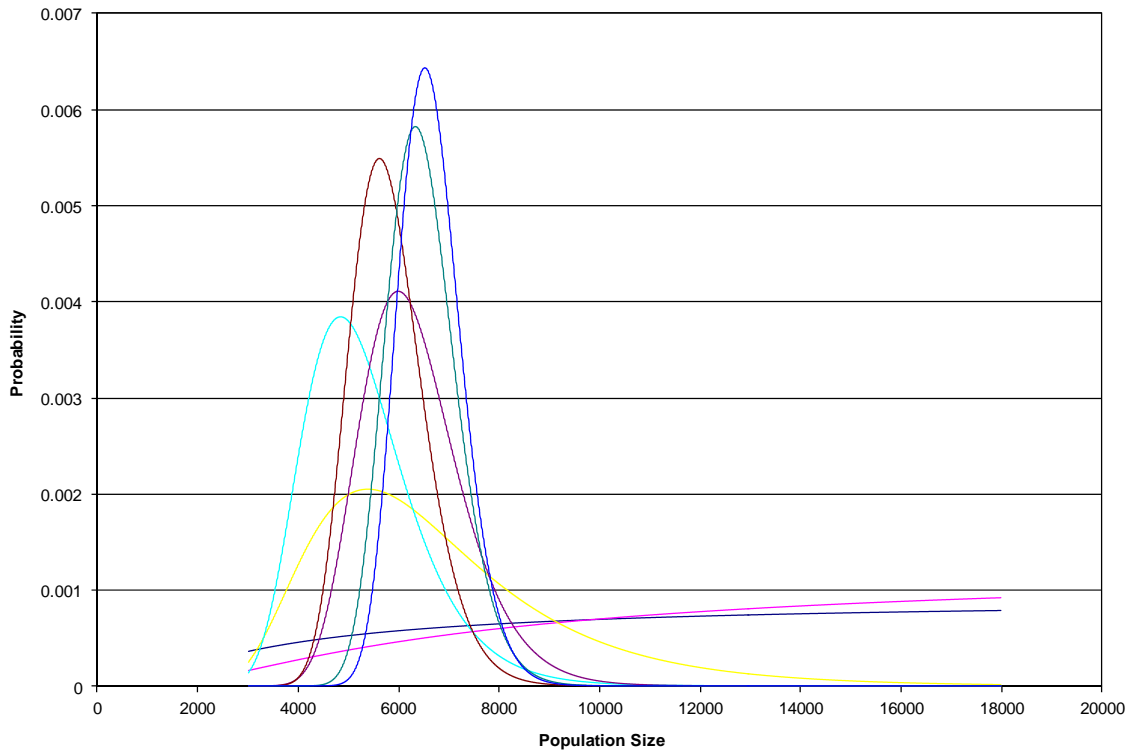


Figure E.22 Sequential posterior probability plots of population size for Section 5 mountain whitefish in 2012. Each line is the posterior probability updated by a sample day.

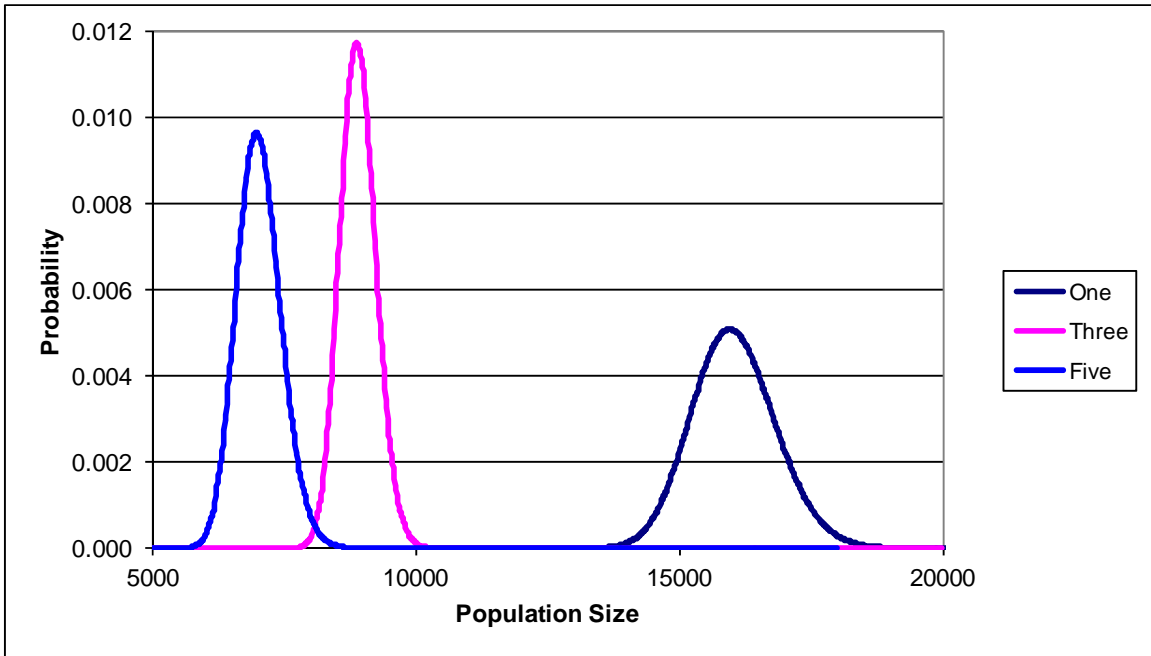


Figure E.23 Final posterior distributions by section for mountain whitefish.

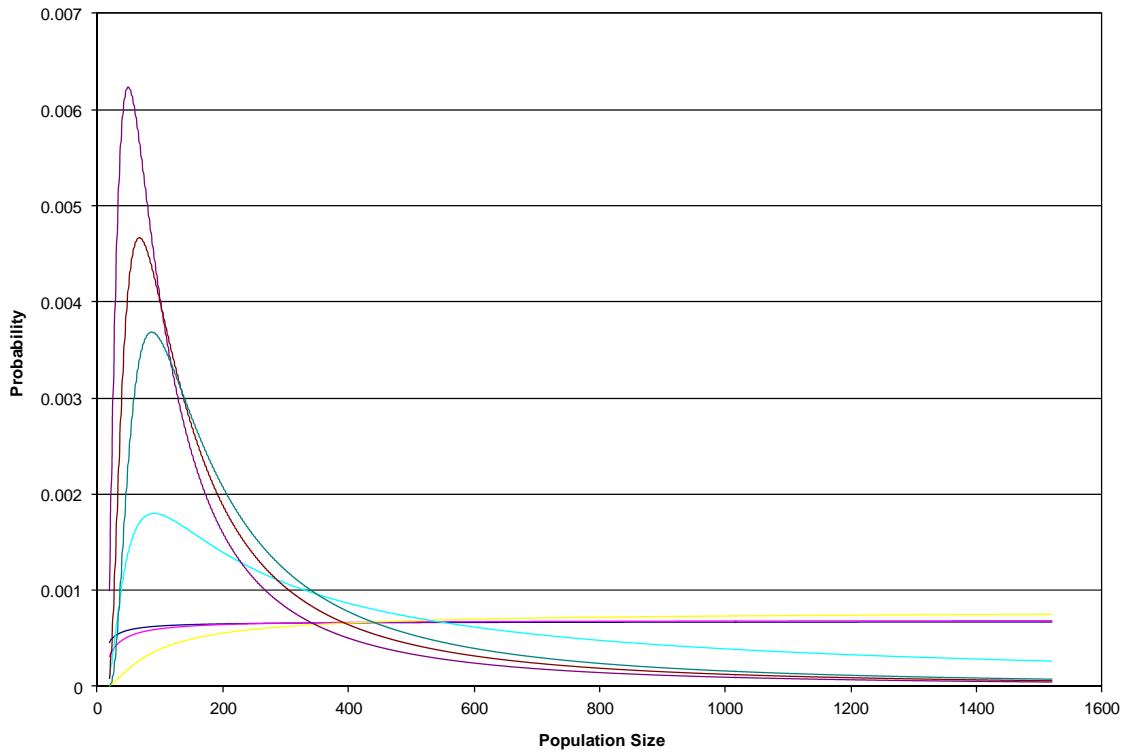


Figure E.24 Sequential posterior probability plots of population size for Section 5 Arctic grayling in 2012. Each line is the posterior probability updated by a sample day.

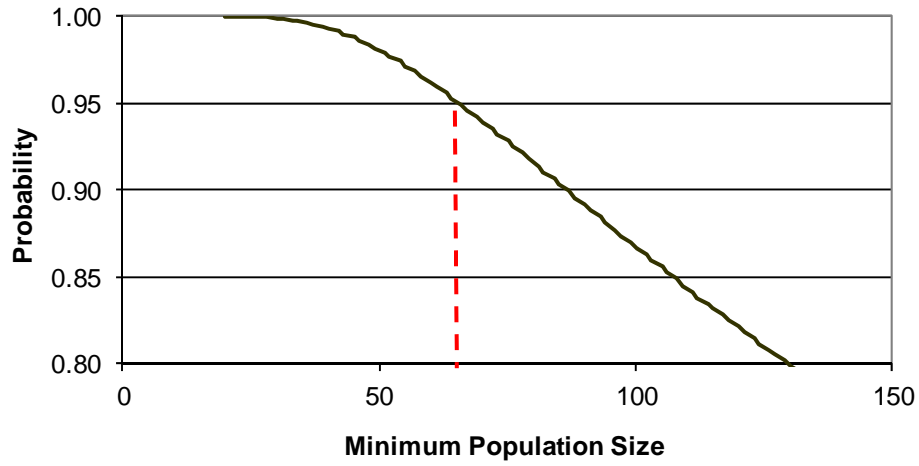


Figure E.25. Minimum population estimates for section 5 arctic grayling in 2012. The dashed vertical line indicates a 0.95 probability that the population size is at least 64.

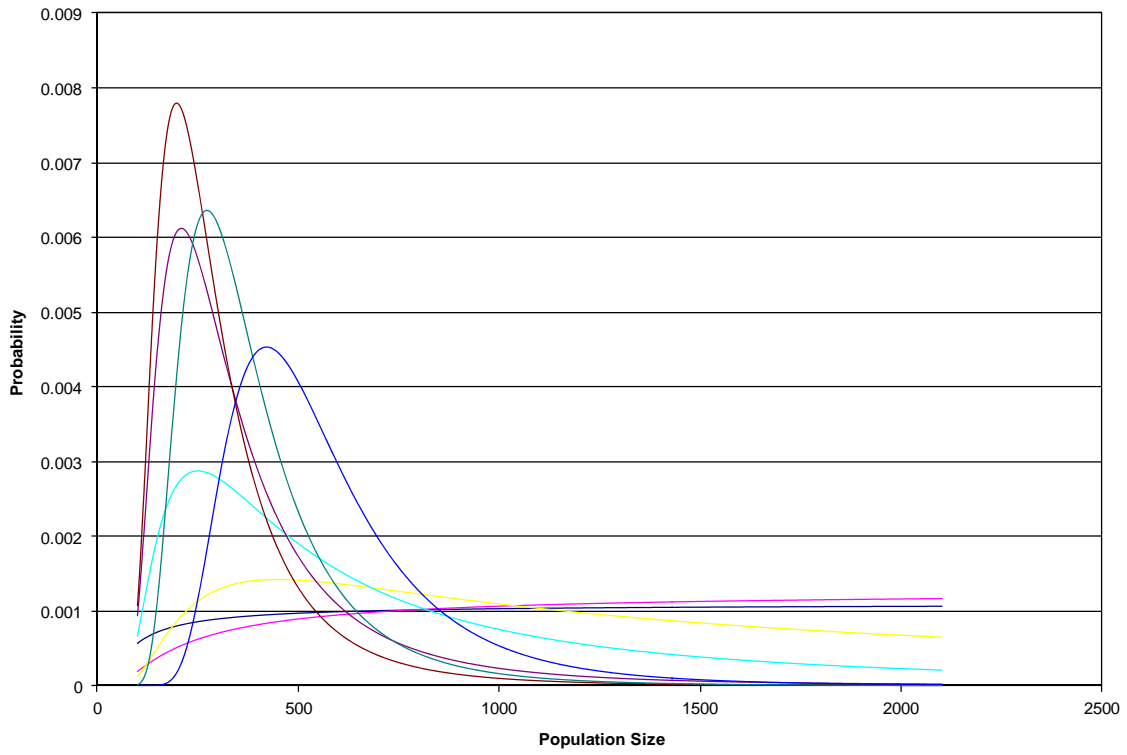


Figure E.26 Sequential posterior probability plots of population size for Section 3 bull trout in 2012. Each line is the posterior probability updated by a sample day.

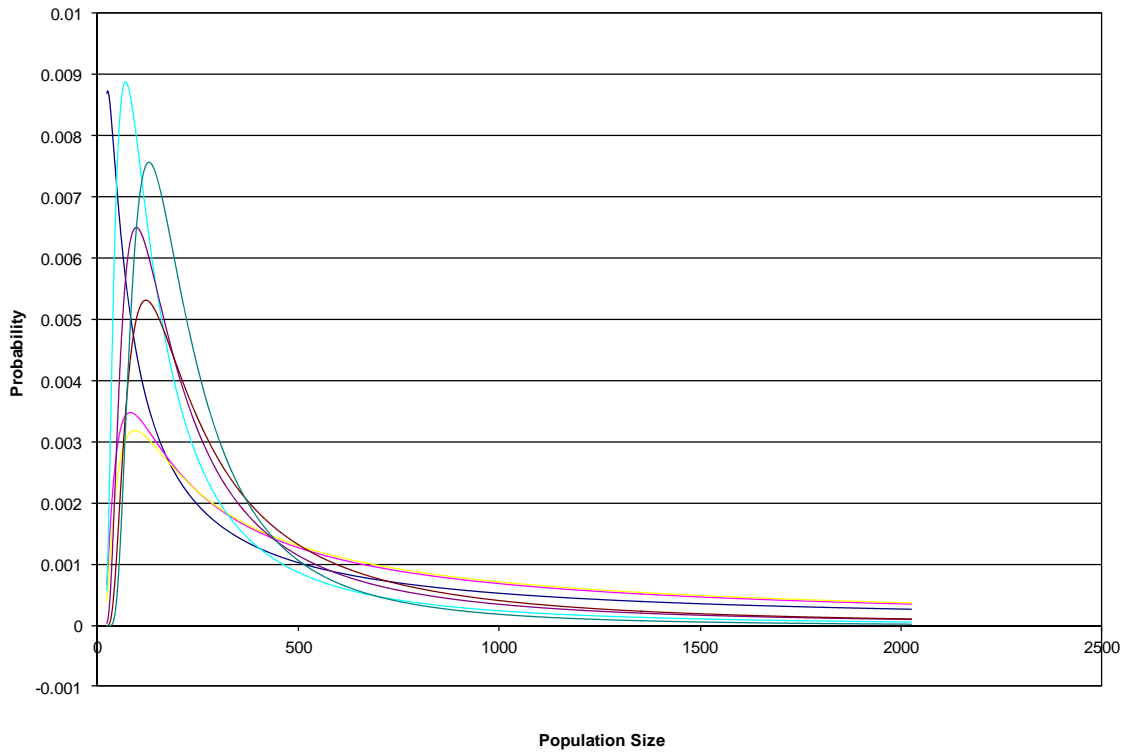


Figure E.27 Sequential posterior probability plots of population size for Section 5 bull trout in 2012. Each line is the posterior probability updated by a sample day.

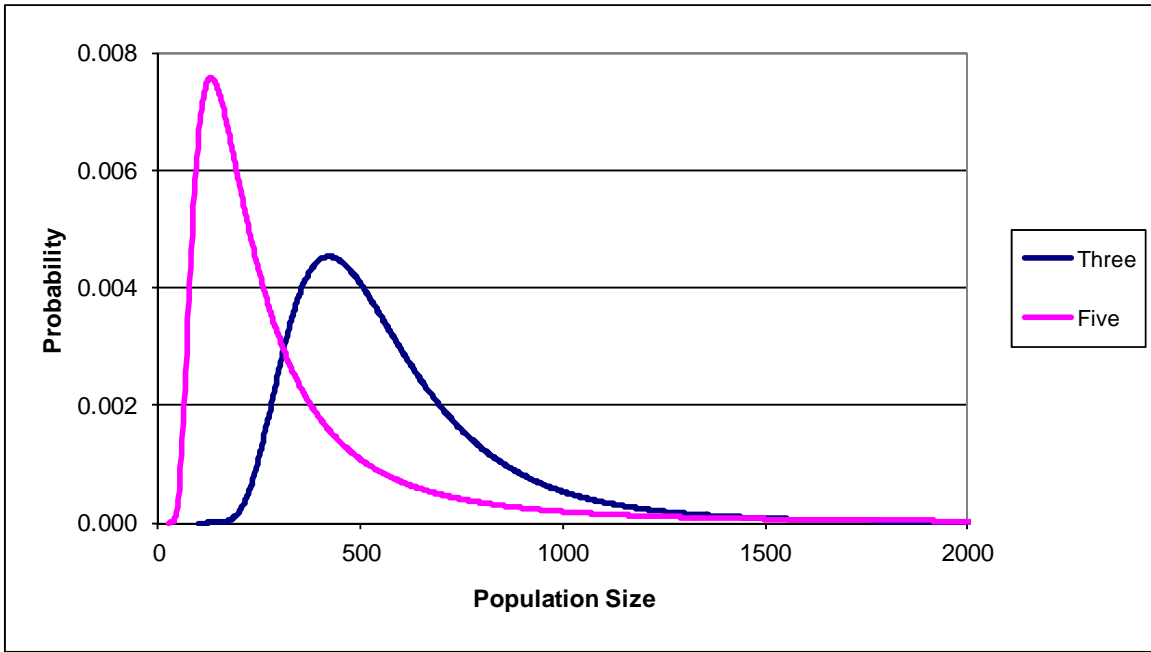


Figure E.29 Final posterior distribution by section for bull trout.