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### **Population abundance, biological characteristics, and contribution to coastal mixed-stock fisheries of Dolly Varden (*Salvelinus malma malma*) from the Babbage River: 2010-2014**

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## Foreword

This series documents the scientific basis for the evaluation of aquatic resources and ecosystems in Canada. As such, it addresses the issues of the day in the time frames required and the documents it contains are not intended as definitive statements on the subjects addressed but rather as progress reports on ongoing investigations.

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## ABSTRACT

Anadromous northern form Dolly Varden (*Salvelinus malma malma*) from the Babbage River, Yukon Territory was assessed to evaluate population status and determine if the population was sustainably harvested. The methods employed between 2010 and 2014 to collect the information used for the assessment were: a multi-year mark-recapture study to generate abundance estimates, and biological and life history data; a Dual Frequency Identification Sonar (DIDSON) to estimate counts of fish and characterize migration pattern; and coastal harvest monitoring to collect reported harvest information and samples for a genetic mixed-stock fishery analysis to determine the contribution of the Babbage River population to fisheries along the Canadian Beaufort Sea coast. Estimates of abundance from 2010 to 2012 ranged between 5,861 and 6,553 while an estimate of 10,356 was observed in 2013. The total number of fish (regardless of species) enumerated moving in an upstream direction with the DIDSON was 6,531 while the estimated count of Dolly Varden of sizes comparable to those in the mark-recapture study (standardized to  $\geq 365$  mm) ranged between 2,839 and 3,119. Biological information from the mark-recapture study revealed the presence of a wide range of sizes (range= 250-780 mm) that were bimodally distributed between spawning males and females. A high proportion of spawners (40.0-67.5 %) and greater incidences of skip spawning in males and repeat spawning in females was observed. Growth was not only higher in males compared to females but also higher for both sexes in recent years compared to the early 1990s. Genetic mixed-stock fishery analyses revealed that <450 fish from the Babbage River population were harvested annually between 2011 and 2014 along the coast, with the majority of the harvest occurring at Shingle Point. The population experiences an annual harvest rate <6%. Our results indicated the population is currently stable and was sustainably harvested over the period investigated.

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## INTRODUCTION

The northern form Dolly Varden (*Salvelinus malma malma*) from the Babbage River is one of multiple populations distributed along the Yukon and Alaska North Slope (McCart 1980). Situated in the Yukon Territory portion of the Inuvialuit Settlement Region, the Babbage River flows between the British and Barn mountains and enters the Beaufort Sea in Phillips Bay (Figure 1). The eastern shoreline of the Babbage River is also the eastern border of Ivvavik National Park (Canada 1984). Fish Hole Creek and Wood Creek are the spawning tributaries for the anadromous and stream-resident life history forms of the Babbage River stock (Figure 1) (Bain 1974). The Babbage River population exhibits partial migration, where one component of the population undertakes annual anadromous migrations (female biased) while the other component, which is almost exclusively males, remains in freshwater (i.e., stream-resident) and reproduces with anadromous females using a 'sneaker' tactic (Bain 1974, Hendry et al. 2004). There is also a population of non-anadromous Dolly Varden isolated above the falls on the Babbage River (Figure 1) that are impassable to upstream movement of fish (Bain 1974), with no indication of gene flow to Dolly Varden from Fish Hole Creek (Harris et al. 2015). The spawning and overwintering habitats for Dolly Varden are associated with perennial groundwater springs that maintain year-round open river reaches and produce an aufeis field further downstream during the winter. The aufeis field is believed to delineate the lower extent of overwintering habitat. In Fish Hole and Wood creeks, groundwater flowing at a constant temperature (~4°C) maintains approximately 0.0073 km<sup>2</sup> of open water during the winter (Mochnac et al. 2010).

Anadromous Dolly Varden from the Babbage River is an important cultural and subsistence resource for the Inuvialuit from Aklavik, NT and Inupiat from Kaktovik, Alaska (Papik et al. 2003, Pedersen and Linn 2005). The population is harvested in coastal mixed-stock fisheries during the summer in Canada and Alaska (at least as far west as Kaktovik; Krueger et al. 1999). In Canada the most important locations where the Babbage River stock is harvested are Shingle Point and Herschel Island (Thetis Bay) during the summer (Figure 1). Inuvialuit can also harvest directly at the spawning and overwintering area (locally described as 'Fish Hole') in early winter by sweeping pools with a gill net (Papik et al. 2003); however, there have been no reports of harvesting at this location over the past twenty years, due in part to the long distance harvesters from Aklavik are required to travel (M. Gruben, Aklavik HTC, pers. comm.).

The Babbage River stock was assessed in 1987 (Baker 1987; data from 1987) and in 2001 (DFO 2003; data from 1990-1992), with the latter concluding there was no indication of overexploitation. Declines in population abundance in the Big Fish River and Rat River stocks in combination with the limited volume of critical overwintering freshwater habitat resulted in the listing of northern form Dolly Varden in Canada as 'Special Concern' by the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) in 2010. Concomitantly, an Integrated Fisheries Management Plan (IFMP) was signed among the Gwich'in Renewable Resources Board, Fisheries Joint Management Committee, Fisheries and Oceans Canada, and Parks Canada Agency to guide the co-management of Dolly Varden in the western Arctic over the next five years (2010-2015). The implementation of the IFMP and any future evaluation by COSEWIC requires updated assessments, including for the Babbage River.

## OBJECTIVES

Data collected from fishery independent (in the river system) and dependent (coastal locations) projects between 2010 and 2014 were used to assess the population status of anadromous Dolly Varden from the Babbage River, specifically:

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1. Estimate population abundance in 2010, 2011, 2012, and 2013 based on a mark-recapture studies and compare with previous estimates;
  2. Estimate counts of fish during the 2011 upstream migration from a Dual Frequency Identification Sonar (DIDSON);
  3. Summarize biological characteristics of the population from live-sampling conducted at the spawning and overwintering area in late September between 2010 and 2014 (length, sex, maturity/ reproductive status, and growth), and compare with data collected at the same location using similar methods in 1987;
  4. Examine the contribution of the Babbage River to mixed-stock-fisheries along the Canadian Beaufort Sea coast based on results from genetic mixed-stock analyses of samples collected between 2011 and 2014;
  5. Estimate the annual harvest rate of the stock in Canada between 2011 and 2014.

## METHODS

### CAPTURE AND SAMPLING OF FISH AT THE SPAWNING AND OVERWINTERING AREA

The capture and live-sampling of Dolly Varden in Fish Hole Creek and Wood Creek was consistent with the methods described by Sandstrom et al. (2009). The same net was used in the seining conducted to assess stocks from the Big Fish (Gallagher et al. 2013) and Rat (Sandstrom et al. 2009) rivers. Seining was conducted annually between 2010 and 2014 at the end of September to collect biological information and attach t-bar tags to a maximum of 500 fish for a mark-recapture study (Appendix 1).

Seining was conducted in the area between the start of an aufeis field in Fish Hole Creek (N 68.61331, W 138.73040) to approximately 1.5 kilometers upstream in Wood Creek (N 68.59696, W 138.73340) (Figure 1). However, only the lower reach of the spawning area was seined in 2013 as poor weather prevented sampling further upstream in a manner consistent with other years (Seining zone 1 in Figure 1). The seine was used to sweep a series of pools in the river where fish were congregated. Each fish captured in the net was identified to species and measured for fork length ( $\pm 5$  mm). The life history type of each fish was visually identified using external criteria (i.e., stream resident, pre-smolt juvenile (also termed 'freshwater juvenile'), and anadromous (COSEWIC 2010)) and, for anadromous fish, the reproductive status was recorded ('non-spawner' or 'spawner') along with the sex if it was in spawning condition (see DFO 2014 for images). Non-spawners (also termed 'silvers') are either immature smolts or non-spawning (i.e., resting) adults that are silver in colour. Each anadromous fish was examined for the presence of a tag near the base of the dorsal fin and, if present, the tag number and colour were recorded. If a Dolly Varden had no tag and was  $>300$  mm in length, it was tagged with an individually coded plastic t-bar tag at the base of the dorsal fin and then released back into the water. Dates when seining occurred in September were: 19, 24, and 26 in 2010; 19 and 28 in 2011; 21 and 22 in 2012; 23 in 2013; and 23 and 25 in 2014.

Data from the seining conducted between September 22 and 25, 1987 at the spawning and overwintering area were compared to data from recent years to evaluate any changes in population demographics (Appendix 1). Although data were collected using a seine net in 1986 and 1991, the sample size was too low (Gallagher et al. 2012) for meaningful comparison. Bain (1974) reported seining at this location at the end of September in 1972 but the raw data were not available for comparisons.

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## POPULATION ABUNDANCE

Population abundance estimates were generated by capturing and tagging a sample of Dolly Varden in the fall (2010, 2011, 2012, and 2013) at the spawning and overwintering area and sampling the following fall (i.e., in the next year) at the same general location to record the number of marked and unmarked fish encountered. The model used to estimate the population size was based on single-year censuses (Petersen model; see Seber 1982).

Population abundances from 1990 and 1991 were also estimated based on the tagging (1990 and 1991) and recapture (1991 and 1992, respectively) of fish using a weir erected in the Babbage River during the upstream migration in 1990, 1991 and 1992 (Sandstrom et al. 1997).

The Chapman modification of the Petersen equation was used to estimate population size (N):

$$N = \frac{(M + 1)(C + 1)}{(R + 1)} - 1$$

where M= number of individuals marked, C= total number of individuals captured while trying to collect marked fish, and R= number of individuals marked that were recaptured (see also Table 1). The uncertainty of N is determined by calculating the variance (Var):

$$Var = \frac{(M + 1)(C + 1)(M - R)(C - R)}{(R + 1)^2(R + 2)} - 1$$

Seber (1982) recommends as a guide that the Poisson distribution should be used to calculate 95% confidence intervals (C.I.) if  $R/C < 0.1$  and  $R/M < 0.1$ , which applies in this study. To calculate the intervals, coefficients were determined, based on the frequency of R, according to Seber (1982) and applied to the product of MC to determine the lower and upper limits. In the context of the mark-recapture studies on Dolly Varden, some of the assumptions were not met (e.g., no recruitment into the population and tag loss) and corrections were made (see Sandstrom et al. 2009, Gallagher et al. 2011). To control for the issue of recruitment of unmarked individuals into the component of the population being evaluated (i.e., due to growth between sampling 1 (capture) and sampling 2 (recapture) events), the lower end of the size range was adjusted (up) using the established growth relationship observed from tag recaptures to exclude those fish in the recapture that would not have been a size eligible (i.e., too small) for tagging in sampling 1.

Additionally, for the earlier estimates based on the tagging from the weir project from the 1990s, while only a sub-sample of Dolly Varden captured in the weir were tagged, all fish that were enumerated in the recapture event were checked for the presence of a tag. However, not all fish were measured for length in the recapture event, therefore, to estimate the abundance of Dolly Varden greater than a certain size, the proportion of fish  $\geq$  the predetermined size was multiplied by the total number encountered in the weir to estimate the total number examined in the recapture event. Abundance estimates between 2010 and 2013 were generated for the minimum size of fish that were tagged (~310 mm) for those  $\geq 365$  mm to better compare estimates among recent years and earlier years (1990s) (i.e., a consistent size standard).

## COUNTS OF MIGRATING FISH USING DUAL FREQUENCY IDENTIFICATION SONAR (DIDSON)

The DIDSON (Sound Metrics Corporation, Lake Forest Park, Washington) is a multibeam sonar that transmits pulses of sound and converts the returning echo into digital images. Pulses are emitted at a high frequency thereby providing improved resolution over a relatively long distance compared to optical devices, particularly in turbid or low-light conditions. The DIDSON can

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record high resolution images at a fast continuous rate which provide near-video top-down imaging of objects in the water.

The standard model of the DIDSON was used to enumerate the upstream movements of fish. The model operates at a frequency of 1.1 MHz and constructs a single image by transmitting a pulse of 48 beams of sound at a rate of between 4 and 21 per second. The DIDSON can capture an image from 0.83 m away from the device to a distance ranging between 5 and 40 m.

A site was chosen on the Babbage River (N 68.87699, W 138.62563) (Figure 1) which consisted of a gravel bar accessible by a Twin Otter plane where the river was no wider than the maximum distance the DIDSON could ensonify. Daily measurements of river width and depth were taken. Width was recorded using a range finder while depth was measured from a piece of rebar staked in the river. The camera was deployed from a gradually sloping cobble shoreline with no obstructions in the river channel that would result in acoustic shadowing effects. A HOBO Tidbit v2 temperature logger was used to record air and water temperature at 15 minutes intervals over the duration of the study.

The camera was attached to a metal mount and secured with rock-filled polypropylene woven bags to keep the camera stationary in the water while recording. The camera was placed nine meters from shore to be completely submerged in the water and positioned perpendicular to shore to ensonify to the other side of the river. A length of wire fencing (1.2 m high, 25.4 mm mesh) was erected immediately downstream of the camera and perpendicular from shore to a distance of just over 10 m on both sides of the river to funnel fish away from the shore and allow for a relatively small window length for the DIDSON which improved the image quality of fish. The positioning of the camera and fencing prevented non-detection of fish that would have passed too close to (<0.83 m) or behind the camera.

The DIDSON was set to record at a frame rate of six per second with a window start of 0.83 m and a window length of 20.84 m. A small tent was placed near the shore which housed a plastic storage box containing the DIDSON components (e.g., top box) and laptop computer. The camera, computer and external hard drives were powered using a 2000 watt generator. All data files were logged directly to a large capacity external hard drive which was backed-up daily to a separate hard drive without disruption to the real-time recording. Data were examined in the field using a second laptop computer to confirm the presence of fish and obtain a preliminary indication of the number of fish passing.

The DIDSON data files were processed at DFO Freshwater Institute using a desktop computer to enumerate, determine the direction of movement, and measure fish that passed in front of the camera. The DIDSON software V5.25.05 (Sound Metrics Corporation) was used to create an echogram of every hour-long file with background subtraction. The entire echogram was visually inspected for fish and each fish that was detected was enumerated. Measurements were only done in frames where fish were displaying their full length and positioned, as much as possible, in the centre of the field of view.

Species identification using the DIDSON data was not possible because Dolly Varden have a similar body shape to Arctic Grayling (*Thymallus arcticus*) which commonly occur in the river. To estimate the number of Arctic Grayling that may have been enumerated, data from weir studies conducted to enumerate Dolly Varden in 1990 and 1992 where the number of grayling was also recorded were used to estimate the proportion that could have contributed to the counts from the DIDSON. Arctic Grayling accounted for 50% and 32% of the total catch in 1990 (captured between July 20 and September 24) and 1992 (captured between August 1 and 22), respectively. To correct the DIDSON counts, the 32% value from 1992 (chosen because it was the most recent year with this type of information) was subtracted from the number of fish that were immeasurable and from all fish <420 mm. The <420 mm threshold was chosen because



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length information of Arctic Grayling from the Babbage River indicate maximal lengths of approximately this size (Gallagher, unpubl. data). The number and abundance of other species with a body shape similar to Dolly Varden and Arctic Grayling are presumably rare and their possible effects on the counts of fish were considered negligible.

Counts of fish were totaled and also divided among categories of size to improve the accuracy of the estimated count of Dolly Varden: 1)  $\geq 420$  mm (size of fish that would only be Dolly Varden; no correction applied), 2)  $\geq 250$  and  $< 420$  mm (size of fish considered to be a mixture of Arctic Grayling and anadromous Dolly Varden; 32% correction applied), and 3)  $\geq 365$  and  $< 420$  mm (standardized size of fish to compare with estimates of abundance from mark-recapture study; 32% correction applied). The estimated total count of Dolly Varden was calculated by taking the sum of fish  $\geq 420$  mm and the corrected values. The upstream counts were summed and plotted against date to illustrate the upstream migration pattern and compare with similar data collected with the weir in 1990, 1991, 1992 (Sandstrom et al. 1997).

## **BIOLOGICAL INFORMATION**

Differences in length among males and females in spawning condition, and non-spawners captured in the seine net were evaluated with a Mann-Whitney U test due to the high number of instances of non-parametric distribution of  $\log_{10}$  transformed length data among years (all non-spawners were non-parametric; female and male spawners were non-parametric in half and one third, respectively, of the sampling years). Differences among years were examined by comparing pairs of sampling years.

Annual growth was examined using the length data from the recapture of tagged fish between 2011 and 2014 in the seining program at Fish Hole Creek that were at-large for one year. Samples where length at capture was greater than length at recapture ( $n = 2$ ) were omitted. Growth was plotted against length at capture and a linear regression was fitted. Additionally, length at capture was also plotted against length at recapture to illustrate the annual change in length. Analysis of covariance was used to examine for differences in growth between sexes using length at initial capture as a covariate (all years combined and regardless of reproductive status from one year to the next). Effects of the change in annual reproductive status on growth were examined separately for females and males; however, due to the low sample size among categories no statistical tests were conducted. Inter-annual differences in growth were not statistically tested due to low sample sizes among years (grand total in 2011  $n = 12$ ; 2012  $n = 18$ ; 2013  $n = 15$ , 2014  $n = 18$ ). Growth of male and female fish tagged from 2010-2014 (seine) were compared to those tagged in 1990-1992 (weir).

Male and female Dolly Varden tagged as spawners and recaptured in the following year while seining at the spawning and overwintering area were used to determine the proportion of fish that spawned annually or skipped spawned (note: samples with discrepancies in length [length at capture  $>$  recapture] were included [ $n = 2$ ] assuming reproductive status was properly recorded upon recapture).

## **HARVEST MONITORING OF DOLLY VARDEN ALONG THE BEAUFORT SEA COAST**

Between 2011 and 2014, Dolly Varden were harvested from Herschel Island, Ptarmigan Bay, King Point, Sabine Point, Shingle Point, and near the mouth of Running River (Figure 1). The total harvest of Dolly Varden at Herschel Island has been consistently monitored during the summer by the Rangers working at Herschel Island Territorial Park since 1988. In 2011, the monitoring program was enhanced with the annual collection of catch-effort and biological

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information (otoliths, length, weight, sex and maturity) including tissue samples for genetic mixed-stock fishery analysis.

A sampling program for Dolly Varden was implemented in 2011 at Ptarmigan Bay with the participation of a harvester that has been fishing at the location for many years. The harvester was instructed to sample his subsistence catch and record catch-effort and biological information (otoliths, length, weight, sex and maturity) and collect tissue samples for genetics. Data were collected in 2011, although poor weather conditions either prevented or severely impeded fishing in subsequent years.

In 2011, a comprehensive annual harvest monitoring program was initiated at Shingle Point/Running River. A monitor from the community of Aklavik, hired through the Aklavik Hunters and Trappers Committee (HTC), worked in cooperation with DFO staff member(s) over the majority of the fishing season to collect harvest totals along with catch-effort, biological, and tag return information from Dolly Varden. Biological sampling included length, weight, sex and maturity, and collection of otoliths, muscle tissue, stomachs for diet analysis, and tissue for genetic mixed-stock fishery analysis. The pair also worked in partnership to collect data with another local monitor and DFO staff member whose primary focus was to collect marine benthic invertebrates, water samples, and biological data and tissue samples from various fish species, for an ecosystem study of the Beaufort Sea (Arctic Coastal Ecosystem Studies, ACES).

King and Sabine points are a relatively short distance by boat from Shingle Point (approximately 25 km and 13 km, respectively, west) and people camping at Shingle Point periodically go to either location to harvest fish. Between 2011 and 2014, the harvest monitors from Shingle Point recorded harvest information and subsampled Dolly Varden captured at King Point and Sabine Point.

## **GENETIC MIXED-STOCK FISHERY ANALYSES**

Prior to mixed-stock analysis (MSA), genetic stock identification (GSI) was performed to delineate the genetic stock structure of anadromous Dolly Varden (see Harris et al. 2015). Success of MSA relies on a reasonable understanding of the genetic structure of fish stocks that contribute to the mixed-stock fishery (Utter and Ryman 1993). The accuracy and precision of contribution estimates to a mixed-fishery depends on a genetic baseline represented by all putative contributing unit-stocks and genetic markers capable of delineating differences between those stocks. Populations which contribute to the mixed-fishery, but have not been sampled and incorporated into the genetic baseline, may influence results and affect the accuracy of MSA. Samples from known Canadian anadromous stocks (Firth River drainage, Babbage River, Big Fish River, Rat River, and the Vittrekwa River) were used in the development of the genetic baseline using fifteen microsatellite DNA markers. Subsets of Dolly Varden samples from rivers on the North Slope of Alaska were also included for baseline development as they have been previously reported to contribute to Canadian coastal fishing sites (Krueger et al. 1999). Alaskan fish were assigned to three regional reporting groups (Alaska 1, Alaska 2, and Alaska 3) and categorized based on genetic data and geography with the exception of the Kongakut River (data not shown). Dolly Varden from the Kongakut River were pooled with the Canadian Firth drainage stock as GSI was unable to delineate sufficient genetic differences between these two groups (results not shown).

To assess the efficacy of the genetic baseline for MSA, simulated mixture and individual assignment analyses were employed using the 100% simulation and leave-one-out tests using the program ONCOR (Kalinowski et al. 2007). The 100% simulation evaluated the accuracy of the genetic baseline by simulating, using the method of Anderson et al. (2008), a fishery sample from which all individuals are taken from the same baseline stock. One thousand simulations

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were done for each baseline stock. A mixture analysis reported the successes with which individuals were assigned back to their baseline sample. In the leave-one-out test, the genetic baseline was evaluated by how well individuals, which were removed from the baseline, were assigned back to their population of origin and to which population individuals were most often incorrectly assigned.

Two methods were used for mixture-stock analysis. A conditional maximum likelihood method implemented in ONCOR was used to estimate mixture proportions and assign individuals captured in the mixed fishery to a baseline population. For the mixture analysis, 95% confidence intervals were reported by bootstrapping 1000 times. The second approach used a Bayesian mixture model as implemented in the program BAYES (Pella and Masuda 2001). In this analysis, stock compositions estimates were generated using nine 10,000 iteration Markov Chain Monte Carlo (MCMC) simulations. For eight of the nine MCMC chains, the initial proportion values were set to 0.86 for a particular population, with that population changing for each chain. For the remaining seven stocks, proportion values of 0.14 were equally distributed. For the remaining MCMC chain, initial proportion values were equally distributed across all eight baseline Dolly Varden stocks. Convergence of chains was assessed with the Gelman and Rubin shrink factor (Gelman and Rubin 1992). Calculation of stock composition was accomplished by combining the last 1000 iterations of each chain.

Fifteen microsatellite DNA markers were assayed from tissue samples collected between 2011 and 2014 from Herschel Island (n= 420), Ptarmigan Bay (n= 87), King and Sabine points (n= 118), and Shingle Point (n= 889).

The harvest rate was calculated by dividing the estimated total number of Dolly Varden from Babbage River harvested by the estimated population abundance in the previous year.

## **RESULTS**

### **POPULATION ABUNDANCE**

Estimates of abundance between 2010 and 2012 were relatively similar and ranged between 5,861 (95% C.I.= 3,967-10,799) and 6,553 (95% C.I.= 4,005-13,315) char (Table 1, Figure 2), while a higher estimate of 10,356 (95% C.I.= 6,685-20,329) was observed in 2013. The estimates of abundance from 1990 and 1991 were considerably different from each other and varied between 10,925 and 18,203, respectively. Compared to the 1991 abundance estimate, the confidence intervals of estimates between 2010 and 2012 were lower, while the estimate for 2013 was relatively similar (Table 1, Figure 2).

### **COUNTS OF MIGRATING FISH USING DUAL FREQUENCY IDENTIFICATION SONAR (DIDSON)**

The DIDSON sonar was deployed between July 22 (17:15) and September 11 (9:45), 2011. The sonar did not record video for 63.25 hours (5.2% of the total time) due to technical issues with the computer (mainly at the end of August / early September). The total number of fish that were enumerated moving in an upstream direction and measured was 6,531 (Table 2). The number of Dolly Varden  $\geq 420$  mm was 2,133 while the estimated counts of those  $\geq 250$  mm ranged between 4,050 and 5,030. The count of Dolly Varden that would be comparable to the 2011 mark-recapture abundance estimate ( $\geq 365$  mm) ranged between 2,839 and 3,119 (Table 2), which was smaller than the lower 95% confidence interval (3,967) generated from the Petersen estimate (Table 1).

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Initially, only a small number (<30) of fish were enumerated daily with the camera, however, the number quickly increased to >200 on July 31 with relatively large number of daily totals (between 100 and 453) consistently observed until August 21 (Figure 3). The daily totals decreased thereafter with only ≤10 fish per day detected in the last three days of the sonar's deployment. The length frequency distribution of fish moving upstream was unimodal in shape and distributed primarily among sizes between 300 and 500 mm (mode= 350 mm) (Figure 4). River conditions over the duration of the study did not negatively affect the deployment of the DIDSON camera. Stream width mainly ranged between 37 and 41 m while changes in the depth of the river were typically <5 cm (Figure 5A). Two relatively high-water events were observed in the third week of August and at the end of the study. Water temperature, while demonstrating a diel pattern, peaked at 18.9 °C on August 5 and decreased steadily to 4.7 °C by September 11 (Figure 5B).

## BIOLOGICAL INFORMATION

### Length

Although females and males appear to have similar minimum size-at-maturity, 365 mm and 335 mm, respectively, both exhibited different patterns in their length frequency distributions. Females in spawning condition ranged between 365 mm and 650 mm and were abundant between 450 mm and 550 mm in length (Figure 6). Conversely, anadromous male spawners were larger in size than female spawners (Mann-Whitney U= 156030,  $p < 0.001$ ), attaining up to 780 mm in length, and demonstrating a wider and generally more platykurtotic size distribution with a higher proportion of larger sizes (≥575 mm). Non-spawners were primarily distributed among sizes ≤475 mm, suggesting that most of these were juveniles while larger ones (≥550 mm) were presumed to be resting adults. Non-spawners attained similar sizes to male spawners while in some cases (with the exception of 2012) both shared similar length frequency distribution among sizes ≥600 mm (Figure 6). Non-spawners were smaller than female (U= 256972,  $p < 0.001$ ) and male spawners (U= 148268,  $p < 0.001$ ).

Although no considerable difference was observed in the length structure of fish seined at the spawning and overwintering area between 1987 and 2010-2014, a higher proportion of fish ≥600 mm was evident for 2010-2014 (mean among years= 9.7%) compared to 1987 (5.9%) (Table 3, Figure 6, Appendix 2). The median length of female spawners has remained relatively consistent among years as differences between the highest and lowest medians were only 55 mm (Figure 7). This pattern was also evident for male spawners where the difference between the highest and lowest median value was 100 mm (80 mm if 2013 was excluded given that sampling may have been biased towards smaller-sized individuals). Similarly, non-spawners exhibited relatively small median differences (68 mm) over time (Table 3, Figure 7, Appendix 2).

### Growth

The annual growth of Dolly Varden from the Babbage River was estimated for fish between 350 and 670 mm in length based on 63 recaptures between 2011 and 2014 (n= 27 females, n= 30 males, and n= 6 sex unknown) (Figure 8). The annual change in length from one year to the next was described with the linear equation:

$$\text{Length (mm)}_{\text{year } 2} = -0.05 \times \text{Length (mm)}_{\text{year } 1} + 63.84$$

Males demonstrated a higher rate of growth compared to females, regardless of reproductive status from one year to the next (consecutive-year spawner and non-spawner, or an annual change from non-spawner to spawner and vice versa) (slope F= 9.8; d.f.= 1, 54;  $p = 0.003$ ; intercept F= 26.5; d.f.= 1, 54;  $p < 0.001$ ) (Figure 9). Consecutive-year spawning occurred over a

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wide range of sizes (360-570 mm length at first capture) in males. Males captured as non-spawners and recaptured the following year as spawners demonstrated a wide range of sizes (380-650 mm); however, these exhibited a higher rate of growth compared to consecutive-year spawners (Figure 10). Males resting in the year following spawning were mainly prevalent among larger sizes ( $>600$  mm) and demonstrated a wide range in growth (Figure 10). Similar to males, females spawning in consecutive-years exhibited a wide size range (430-560 mm); however, unlike males, females that changed from non-spawner to spawner were more narrowly distributed in size ( $\leq 470$  mm) (Figure 11).

When the growth from 2010-2014 was compared to 1990-1992, regardless of annual change in reproductive status from one year to the next, the 2010-2014 growth was significantly higher for both females (slope  $F= 10.7$ ; d.f.= 1, 97;  $p= 0.001$ ; intercept  $F= 55.5$ ; d.f.= 1, 97;  $p< 0.001$ ) and males (slope  $F= 19.1$ ; d.f.= 1, 125;  $p< 0.001$ ; intercept  $F= 62.2$ , d.f.= 1, 125;  $p< 0.001$ ) (Figure 12). For example, a 600 mm male in 1990-1992 grew on average 16 mm in one year while in 2010-2014 growth had more than doubled to 38 mm. A female 550 mm in length in 1990-1992 and 2010-2014 was expected to grow 10 and 21 mm, respectively in one year.

### **Annual and skip spawning, and proportion of non-spawners and spawners**

Based on 41 samples ( $n = 24$  females and  $n = 17$  males), 92% of females and 59% of males tagged as spawners were recaptured in spawning condition the following year (Table 4). Males were five times more likely to skip spawning in the following year (41%) compared to females (8%). Between 2010 and 2014, the proportion of non-spawners varied between 32.5 and 60% (Table 5). Female spawners varied between 24.5 and 45.7 % and in most years were 1.5 to 2 times more abundant than male spawners with the latter accounting for between 14.2 and 30.3% of the sample (Table 5). Fish in spawning condition accounted for more than half of the anadromous sample observed in 2011, 2012 and 2014, and approximately 40% in other years. Freshwater juveniles were captured in most years, albeit in small numbers ( $n \leq 4$ ). The proportions of non-spawners, and male and female spawners captured in 1987 did not differ substantially compared to 2010-2013 (Table 5).

### **GENETIC MIXED-STOCK FISHERY ANALYSES AND HARVEST ESTIMATES**

The genetic baseline was suitable for MSA based on the current knowledge of contributing Canadian Dolly Varden unit-stocks to the North Slope coastal fishery. Performance of the baseline using the 100% simulation test in ONCOR indicated that accuracy of the genetic baseline was high and ranged from 95.9% to 100.0% (mean 99.2%). Accuracy of the individual-based assignment of the leave-one-out test in ONCOR ranged from 83.3% to 100% (mean 95.2). The largest misidentification in the individual assignments was from individuals from one of the Alaskan reporting groups (Alaska 2) to the Firth drainage/ Kongakut reporting group (12.1%). Incorrect assignments ranged from 0% to 5.1% for the remaining baseline stocks. Individuals were most commonly incorrectly assigned to Alaska 2 and the Firth drainage/ Kongakut reporting groups. A large majority (95.4%) of individuals were correctly assigned to the Babbage River with 3.7% incorrectly assigned to the Firth drainage/ Kongakut reporting group.

Both conditional maximum likelihood and Bayesian mixture methods produced similar results during the mixed-stock analyses (Table 6). Bayesian methods have been shown to more accurately estimate the stock composition of known mixture samples than do conditional maximum likelihood methods (Griffiths et al. 2010; Bradbury et al. 2015). Therefore, the Bayesian methods were used for fishery harvest calculations.

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The genetic MSA revealed that Dolly Varden from the Babbage River was harvested at all known harvesting locations along the Canadian Beaufort Sea coast during the summers between 2011 and 2014 although data for Ptarmigan Bay was only available for 2011 (Table 7). Among years, the Babbage River stock comprised between 2 and 15% of the total Dolly Varden harvest at Herschel Island. The stock had similar contributions at Ptarmigan Bay (9%) and Herschel Island (7%) in 2011 which are relatively close in distance to one another. The combined annual harvest of Dolly Varden from the Babbage River at Herschel Island and Ptarmigan Bay was estimated to be <30 fish. Although the total number of fish harvested at King Point/ Sabine Point was low (range= 16 - 66), the population from the Babbage River consistently accounted for a high (>85% in all years except 2014) proportion of the total Dolly Varden catch (Table 7). Shingle Point was the location where most of the Dolly Varden were harvested along the coast (except 2013) in a given year. The contribution of the Babbage River stock to the annual harvests at Shingle Point ranged considerably, from a low of 30% (34 fish harvested in 2013) to a high of 89% (367 harvested in 2012) (Table 7). The contribution of fish from the Babbage River to all coastal Dolly Varden fisheries in Canada ranged between 23% (n= 77 fish) in 2013 and 73% (n= 437 fish) in 2012 (Table 7).

The estimated annual harvest rate of the population between 2011 and 2014 ranged between 1 and 5.9% using the abundance of fish  $\geq 310$  mm.

## DISCUSSION

**POPULATION ABUNDANCE** The population abundance among recent sampling years appeared to be stable between 2010 and 2012 (~6,200) although a dramatic increase was observed in 2013 (10,356 fish). It is acknowledged that the high number of smaller-sized (<450 mm) fish tagged in 2013 and high number of larger-size fish (>450 mm) examined for tags in 2014 (Figure 3) likely violates the equal catchability assumption of the Petersen model. Furthermore, the assumption of a closed population may be violated as Dolly Varden are known to move between the Babbage and Firth rivers to overwinter based on genetic (Harris et al. 2015) and tag return data (i.e., a 300 mm non-spawner tagged in Fish Hole Creek in 2011 was recaptured as a 494 mm female spawner in Joe Creek in 2014). However, the degree of gene flow is relatively low between Firth River/Joe Creek and Babbage River (~0.03%; the probability that a given individual migrated during the previous generation; Harris et al. 2015) which may reduce the level of error produced by the violation. Additional sampling years are required to confirm if abundance is highly variable or is increasing.

The population estimates from the 1990s provided the earliest abundance data for the Babbage River stock. The mark-recapture studies between decades shared similarities where tagged fish were allowed to randomly mix with untagged fish for one year. Further, the majority of tags were presumably available for recapture (excluding loss either due to tag loss, and fishing and natural mortality), and the majority of the population was presumably available for sampling. However, any interpretation of a decline in population abundance since the early 1990s should be treated cautiously due to the different methods used (e.g., sampling location, seasonal timing, and sampling gear) for capture and recapture of tagged fish, and the lack of abundance information between decades that would have provided greater confidence in assessing trends. Moving forward, open population models (e.g., Cormack-Jolly-Seber, Pradel, and Popan) should be explored to overcome the restrictions imposed by the assumptions of a closed population. The Petersen model was used to be consistent with previous mark-recapture studies of anadromous Dolly Varden in the Western Arctic (e.g., Sandstrom et al. 2009).

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## DIDSON

The upstream migration of fish in the Babbage River occurred over the entire duration of the seven week deployment of the camera without any obvious impediment to movement, unlike the incidents of high water observed in the Big Fish River which appeared to negatively affect migration (Gallagher et al. 2013). While an unknown number of fish were missed before and after the DIDSON was deployed, it was assumed that most fish counted were anadromous Dolly Varden and that the majority of the run was enumerated. The pattern of daily counts generally demonstrated a bell shaped distribution where a relatively low number of fish was initially detected followed by a dramatic increase sustained over several weeks that was followed by a tapered decline in daily counts. This pattern was consistent with earlier weir studies conducted on the Babbage River apart from the bimodal distribution observed in 1990 (Figure 3; Sandstrom et al. 1997). There was a three week period in 2011 where daily counts were consistently >100 fish per day (Jul 30-Aug 21) which contrasts with the data from the early 1990s where these relatively high daily numbers started later and persisted either for a similar, shorter or longer duration (~4 weeks, Aug. 4-Sep. 1, 1990; ~2.5 weeks, Aug. 13-Sep. 1, 1991; 3 weeks, Aug. 8 - Aug. 28, 1992). Although it is possible Dolly Varden from the Babbage River currently undertake an earlier return migration relative to the 1990s, additional years of data would be required to more confidently support this interpretation.

Seasonally earlier migrations in salmonines have been linked to effects of climate change such as increasing water temperature (Juanes et al. 2004, Quinn et al. 2016). The region of the Babbage River has recently experienced increased air and sea surface temperatures, higher levels of precipitation, and decreased sea ice concentration (Smith 2010, Wendler et al. 2014, Boisvert and Stroeve 2015, Babb et al. 2016). Upstream migratory patterns of Dolly Varden have been characterized as complex where timing can be more variable, protracted, and strongly influenced by local sea surface temperatures compared to Pacific salmon (Bond and Quinn 2013). Further investigation of the environmental influences on the migration phenology of Dolly Varden stocks along the North Slope would provide information not only useful to predict impacts on the species life history but could also inform co-management bodies on whether changes in migration may impact the timing of subsistence fisheries. Interestingly, maximum water temperature in the Babbage River was higher and occurred later in the summer of 2011 (~18 °C) compared to 1991 and 1992 (~14-16.5 °C) (Sandstrom et al. 1997). Additionally, maximum daily air temperatures  $\geq 25$  °C were more frequent in 2011 compared to the early 1990s (Sandstrom et al. 1997).

The length information from the DIDSON revealed that most (65.8%) of the fish measured in 2011 were smaller than the 420 mm cutoff where anything larger would be considered a Dolly Varden. Maximum sizes were similar to those observed from the seining (Figure 6) although further comparison between the DIDSON and seining in 2011 for fish  $\geq 250$  mm is limited due to the selectivity of the seine net and the bias introduced by the smaller-sized Arctic grayling recorded using the DIDSON. Comparing the length data between the DIDSON and weir (fish  $\geq 250$  mm) is also limited although modal peaks among larger-size Dolly Varden (~450-500 mm) evident in the weir sample were absent from the DIDSON data. Regardless, the presence of a wide range of sizes based on the DIDSON is consistent with the results from seining.

The estimated count of Dolly Varden  $\geq 250$  mm from the DIDSON (4,054-5,030) was higher than the enumeration from the weir (range= 1,281-3,631) in the 1990s. Interpreting this result as an increase in abundance is limited as the weir was inoperable due to high water on some of the days in each year which would result in an underestimate (Sandstrom et al. 1997). Additional uncertainty regarding trend is introduced by the results from the mark-recapture study which suggests a decreasing trend.

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The disparity between the DIDSON count (2,839 - 3,119) and the 2011 mark-recapture abundance (5,861 (95% C.I.= 3,967-10,799)), where fewer fish were observed in the DIDSON count, is consistent with findings from a similar study on the Big Fish River stock (Gallagher et al. 2013). In the Big Fish River, the lower count was attributed to an incomplete census using the DIDSON. Although a similar argument can be made for the Babbage River, there were few days where the DIDSON was not operating and it is highly unlikely that a large number of fish were missed assuming the river width was properly ensounded. The reason for the discrepancy remains uncertain and is likely a result of methodological issues in either approach which warrants further investigation to increase accuracy and confidence in abundance estimates.

## BIOLOGY

The Babbage River stock demonstrated a bimodal difference in size between spawning males and females likely due to the higher rate of growth in males. One possible reason for the difference in growth is the increased prevalence of skip spawning in males. Skip spawning allows for the allocation of energy towards growth rather than reproduction while other benefits include reduced mortality (Rideout and Tomkiewicz 2011). Size is advantageous for male anadromous Dolly Varden who invest heavily in secondary sexual characters to defend optimal spawning territory and females from other males. Preliminary data demonstrating the effects of skip and annual spawning on growth in males suggest that spawning in consecutive years resulted in a higher growth compared to those who skip spawning (Figure 10). Although this observation appears counterintuitive (i.e., investing in energetically costly reproduction should result in a tradeoff with growth, Dutil 1986), annual spawning was only detected in males between 360 and 570 mm while skip spawning was exclusively among large ( $\geq 595$  mm) males apart from one smaller recapture (425 mm) (Figure 10). It would be expected that growth among smaller/ younger fish would be higher than larger ones regardless of annual reproductive strategy. Higher prevalence of skip spawning among larger-size fish in a salmonine population was also observed in Atlantic salmon (*Salmo salar*) by Jonsson et al. (1991) who attributed the strategy to the decreased ability of larger fish to metabolize stored energy for the purpose of growth and reproduction. Additionally, Dutil (1986) demonstrated that the largest/ oldest Arctic charr (*S. alpinus*) were unable to restore energy reserves after spawning to a level that would allow a fish to spawn again up to senescence. Currently, data is limited to infer consequence of skip spawning on growth in female Dolly Varden from the Babbage River stock.

The temporally stable presence of a wide range of sizes which includes large females ( $>550$  mm) with high fecundity (Bain 1974) combined with the high proportion of spawners (40.0 - 67.5%) indicates the current level of fishing mortality is not resulting in recruitment overfishing. The higher proportion of spawning females in the population is attributed to the increased tendency of skip spawning in males and because the stock exhibits partial migration. The presence of a high proportion of spawners in the stock has been consistent among past studies that have either used seining (i.e., 1987) or other sampling gear (Bain 1974, Sandstrom et al. 1997). The high prevalence of spawners would presumably promote resilience for the population in the event of a decline assuming egg and juvenile survival were not negatively affected.

The significantly higher growth for both females and males  $\sim >350$  mm in 2010-2014 compared to 1990-1992 is possibly due to improved feeding opportunities in the Beaufort Sea. Dolly Varden captured along the Beaufort Sea coast feed primarily on amphipods, mysids and fish (McCart 1980) and have been characterized as occupying a higher trophic level (relative to other coastal fishes) and a broad ecological niche (Brewster et al. 2016). Other influences may include the increased water temperature for depths which are known to be predominantly occupied (0-5 m) by Dolly Varden in the marine environment (Courtney et al. 2016).



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Additionally, the amount of time spent feeding at sea may have increased compared to the early 1990s. Although evidence from the DIDSON in 2011 indicates an earlier timing in return migration, the greater extent of ice loss in the spring in the Beaufort Sea (Stroeve et al. 2012) may result in an earlier timing of seaward migration. Improved fitness (e.g., condition factor) in Arctic charr has been linked to changes in environmental productivity and timing of sea ice clearance (Harwood et al. 2013). One important gap in our evaluation of growth is the lack of information for pre-smolt juveniles and resident fish which would provide information on changes in freshwater habitat.

## **GENETIC MIXED-STOCK FISHERY ANALYSES AND HARVEST**

Subsistence and commercial fisheries targeting a fishery composed of a mixture of populations are generally spatially and temporally variable depending on species biology, environmental conditions, sampling processes, and fishing effort. The harvest of Dolly Varden along the Canadian Beaufort Sea coast varied among locations and across years. The variation is likely influenced by the manner in which subsistence fisheries are conducted (e.g., gear, timing, and effort) and environmental conditions that affect distribution of fish. Fishing at Herschel Island is done using gill nets with larger mesh sizes (~102 mm, stretched) while a smaller mesh (~89 mm, stretched) is utilized at Shingle Point where the fishery primarily targets Arctic Cisco (*Coregonus autumnalis*). Gill nets are deployed when sea (e.g., drifting ice, level of woody debris, and waves) and weather (e.g., wind speed and direction) conditions are considered ideal. Variability in fishing effort, and the timing and location of fishing activity and sample collection may cause discrepancies in composition over seasonal and annual timeframes resulting in non-representative sampling of the coastal run.

The high contribution of the Babbage River stock at Shingle Point and neighbouring King/Sabine points underscores the importance of the population for the subsistence of harvesters from Aklavik. Interestingly, the low contribution of the Babbage stock at Shingle Point in 2013 corresponded with a low total harvest of Dolly Varden while years with high rates of contribution (all other years) were associated with higher total catches. Additional years of data collection are required to evaluate whether the Babbage River stock consistently contributes the most to the fishery at Shingle Point. Further investigations, which could include fishery independent genetic sampling and tagging/movement studies, could be conducted to determine whether there are any directional differences in marine dispersal given the large difference in contribution of the stock in near equidistant fisheries occurring west and east of the mouth of the river. The temporal variability seen in the contribution of Babbage River stock to coastal fisheries suggests that compositions of fisheries can change drastically.

The high level of genetic differentiation among Canadian Dolly Varden stocks (Harris et al, 2015) contributes to the accuracy of genetic analyses in estimating the composition of Canadian mixed-stock fisheries. However, the accuracy of MSA is reliant on a genetic baseline represented by all unit-stocks that contribute to the fishery. The MSA work identified here incorporates information from all currently known Canadian stocks but may not have included representatives of all potentially contributing anadromous Dolly Varden populations across the Alaskan North Slope. Although the effect of adding new Alaskan populations to the genetic baseline in the MSA may not have a significant influence on current contribution estimates, as indicated by the low contribution estimates from the three Alaskan reporting groups to the Canadian coastal fisheries (data not shown), it would be valuable to include Alaskan stocks in future work examining the coastal fisheries along the Beaufort Sea.

Furthermore, assessments of mixed-stock fisheries require a comprehensive understanding of contributing stocks to inform questions relating to migration patterns and fishing pressures. In the case of this transboundary fish, further investigations may be necessary to identify genetic

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differences between fish from the Firth drainage and Kongakut River. The research by Harris et al. (2015) demonstrated the five Canadian anadromous Dolly Varden stocks are genetically different. Therefore, as new putative anadromous stocks are identified in Canada, they will need to be included in MSA to ensure accuracy of composition estimates and advice provided to fisheries managers and resource users. Ultimately, the subsistence harvest rate of the Babbage River stock is presumably low. The estimate reflects the rate of harvest in Canada but is not completely accurate due to the lack of contemporary information on the contribution of the Dolly Varden stock harvested in Alaskan subsistence fisheries.

## CONCLUSION

Abundance estimates, biological, and harvest information indicates that the population of anadromous Dolly Varden from the Babbage River is currently stable and is sustainably harvested. Abundance estimates ranged between 5,861 and 6,553 between 2010 and 2012 which suggests no dramatic changes among these years although additional years of mark-recapture are required to confirm if abundance is increasing as suggested by the estimate in 2013. Length data from the seining conducted during spawning indicated a consistent presence of a wide range of sizes for males and females in spawning condition as well as non-spawners. The high proportion of current-year spawners concomitant with a relatively high population estimate indicates no depletion in the spawning stock biomass. Genetic mixed-stock fishery analysis revealed that between 78 and 437 fish from the Babbage River stock were harvested annually from 2011-2014 along the coast with the majority being harvested at Shingle Point. Although the harvest rate is unknown primarily due to the uncertainty regarding the contribution of the stock to fisheries in Alaska, it was assumed to be in the proximity of 5% in most years, which, according to the IFMP, is considered low risk when a stock is healthy.

Assessment activities should be maintained to continue informing co-management partners and gain a better understanding of the extent of inter-annual variation, particularly for abundance estimates and contribution to mixed-stock fisheries. Continued coastal harvest monitoring and sampling is required as this is the only known source of fishing mortality for the stock which must be accounted in population assessments. Additional effort should be directed towards collecting harvest data and genetic samples from Alaskan coastal communities such as Kaktovik to evaluate the contemporary contribution of Canadian stock to Alaskan subsistence fisheries. Additionally, studies examining abiotic factors throughout the life history range of the Dolly Varden (freshwater and marine) which influence population productivity and life history are required to improve future population assessments and better predict the effects of climate change (Reist et al. 2006). This information and the improved understanding of stock assessments would be relevant for to the conservation of this species and ultimately the food security of the Inuvialuit.

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Table 1. Calculations of the Petersen model used to estimate the population abundance and 95% confidence intervals (C.I.) (normal distribution 1991-92) (Poisson distribution 2010-14) of anadromous Dolly Varden from the Babbage River in 1991 and 1992, and between 2010 and 2013 for fish  $\geq$  the minimum size tagged and  $\geq 365$  mm. Letters in right column are used in the Petersen model.

|  | 1990   | 1991*  | 2010   |        | 2011   |        | 2012   |        | 2013   |        |   |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---|
| Minimum fork length (mm) of tagged Dolly Varden included in recapture sample                 | 365    | 365    | 310    | 365    | 300    | 365    | 315    | 365    | 310    | 365    |   |
| Estimated length (mm) of the smallest tagged fish the following year rounded to nearest 5 mm | 420    | 420    | 360    | 410    | 350    | 410    | 360    | 410    | 360    | 410    |   |
| Recapture year   | 1991   | 1992   | 2011   | 2011   | 2012   | 2012   | 2013   | 2013   | 2014   | 2014   |   |
| Total catch > minimum size examined in recapture year  | 3,739  | 2,619  | 292    | 243    | 520    | 443    | 500    | 433    | 448    | 399    | C |
| Number of tags observed in recapture event (following year)                                  | 75     | 123    | 13     | 13     | 18     | 18     | 15     | 15     | 18     | 15     | R |
| Number of tags applied <sup>1</sup>  | 401    | 561    | 441    | 412    | 298    | 277    | 276    | 255    | 499    | 459    |   |
| Reported previous year tags captured in subsistence fishery                                  |        |        | 4      | 4      | 5      | 5      | 1      | 1      | 9      | 9      |   |
| Number of tags available for recapture <sup>2</sup>  | 369    | 516    | 402    | 375    | 269    | 250    | 253    | 234    | 450    | 413    | M |
| Abundance estimate   | 18,203 | 10,925 | 8,427  | 6,553  | 7,407  | 5,861  | 7,950  | 6,363  | 10,659 | 10,356 | N |
| Lower 95% C.I.   | 14,197 | 9,056  | 5,151  | 4,005  | 5,010  | 3,967  | 5,037  | 4,030  | 7,227  | 6,685  |   |
| Upper 95% C.I.   | 22,227 | 12,795 | 17,127 | 13,315 | 13,636 | 10,799 | 15,318 | 12,256 | 19,673 | 20,329 |   |
| Percent of population tagged > minimum size  | 2.2    | 5.1    | 5.2    | 6.3    | 4.0    | 4.7    | 3.5    | 4.0    | 4.7    | 4.4    |   |
| Percent of tags observed in recaptured   | 20.3   | 23.8   | 3.2    | 3.5    | 6.7    | 7.2    | 5.9    | 6.4    | 4.0    | 3.6    |   |

<sup>1</sup> tag colours: 2010= red, 2011= grey, 2012= terracotta, 2013= red; and to fish  $\geq$  minimum sized tagged; <sup>2</sup> assumes an estimated 8% annual tag loss rate based on Sandstrom et al. 2009

\*another estimate was generated for 1991 in Sandstom et al. 1997 using Bailey's triple capture model

Table 2. Estimated counts of anadromous Dolly Varden from the Babbage River obtained using a dual frequency identification sonar (DIDSON) camera deployed between July 22 and September 11, 2011.

|  | Directional movements      |            | Total         |
|--|----------------------------|------------|---------------|
|  | Upstream                   | Downstream |               |
| Count of immeasurable fish <sup>a</sup>  | 66                         | 19         | 47            |
| Count of measured fish   | 6,465                      | 279        | 6,186         |
| Total count  | 6,531                      | 298        | 6,233         |
| Count of fish $\geq 420$ mm in length. These would all be considered Dolly Varden.   | 2,212                      | 79         | 2,133         |
| Count of fish $\geq 250$ mm in length (size of smoltification for Dolly Varden). The count would be a mixture of Dolly Varden and Arctic Grayling. | 5,257                      | 227        | 5,030         |
| Count of fish $\geq 250$ mm and $< 420$ in length. The count would be a mixture of Dolly Varden and Arctic Grayling.                               | 3,045                      | 148        | 2,897         |
| 32% Arctic Grayling subtracted from count of fish $\geq 250$ and $\leq 420$ mm in length.  | 2,071                      | 105        | 1,966         |
| Number of Dolly Varden $\geq 250$ mm in length (*2,071 + 2,212= 4,238).  | 4,238* - 5,257             | 184 - 227  | 4,054 - 5,030 |
| Count of fish $\geq 365$ mm in length.   | 3,246                      | 127        | 3,119         |
| Count of fish $\geq 365$ mm and $< 420$ in length. The count would be a mixture of Dolly Varden and Arctic Grayling.                               | 1,034                      | 48         | 986           |
| 32% Arctic Grayling subtracted from count of fish $\geq 365$ and $\leq 420$ mm in length <sup>†</sup> .  | 703                        | 33         | 670           |
| Number of Dolly Varden $\geq 365$ mm in length ( <sup>†</sup> 703 + 2,212= 2,951).   | 2,951 <sup>†</sup> - 3,246 | 112 - 127  | 2,839 - 3,119 |

<sup>a</sup> immeasurable fish were not incorporated in the tabulation of fish above size thresholds because it is impossible to determine if they are above or below the threshold



Table 3. Mean ( $\pm 1$  standard deviation), median, range, and sample size (n=) of fork length (mm) of anadromous Dolly Varden from the Babbage River identified as non-spawners, and female and male spawners captured at the spawning and overwintering area using a seine net in late September in 1987 and between 2010 and 2014. Results of statistical evaluation between years are provided in Appendix 2.

| Year | Non-spawner   |        |         |     | Female spawner |        |         |     | Male spawner |        |         |     | Total        |        |         |     |
|------|---------------|--------|---------|-----|----------------|--------|---------|-----|--------------|--------|---------|-----|--------------|--------|---------|-----|
|      | Mean          | Median | Range   | n=  | Mean           | Median | Range   | n=  | Mean         | Median | Range   | n=  | Mean         | Median | Range   | n=  |
| 2014 | 415 $\pm$ 100 | 420    | 250-705 | 162 | 495 $\pm$ 51   | 485    | 385-625 | 228 | 527 $\pm$ 89 | 530    | 350-780 | 109 | 476 $\pm$ 90 | 480    | 250-780 | 499 |
| 2013 | 452 $\pm$ 82  | 440    | 270-680 | 321 | 494 $\pm$ 52   | 495    | 365-605 | 131 | 509 $\pm$ 84 | 510    | 350-680 | 83  | 471 $\pm$ 80 | 460    | 270-680 | 535 |
| 2012 | 433 $\pm$ 81  | 415    | 280-705 | 199 | 523 $\pm$ 46   | 530    | 390-650 | 179 | 577 $\pm$ 91 | 610    | 335-705 | 164 | 507 $\pm$ 96 | 510    | 280-705 | 542 |
| 2011 | 417 $\pm$ 108 | 395    | 260-675 | 143 | 503 $\pm$ 39   | 500    | 380-610 | 117 | 537 $\pm$ 78 | 545    | 345-700 | 77  | 474 $\pm$ 97 | 490    | 260-700 | 337 |
| 2010 | 452 $\pm$ 82  | 460    | 280-690 | 266 | 477 $\pm$ 37   | 475    | 390-610 | 127 | 530 $\pm$ 67 | 530    | 335-710 | 65  | 470 $\pm$ 75 | 475    | 280-710 | 458 |
| 1987 | 429 $\pm$ 86  | 392    | 315-623 | 141 | 489 $\pm$ 48   | 491    | 364-602 | 152 | 536 $\pm$ 65 | 536    | 313-689 | 99  | 479 $\pm$ 80 | 490    | 315-689 | 392 |

Table 4. Frequency among categories of annual change in reproductive status of female, male, and sex unknown anadromous Dolly Varden from the Babbage River based on the recapture of tagged fish at the spawning and overwintering area between 2011 and 2014.

| Annual change              | Female | Male | Unknown |
|----------------------------|--------|------|---------|
| Non-spawner to Non-spawner |        |      | 6       |
| Non-spawner to Spawner     | 5      | 13   |         |
| Spawner to Spawner         | 22     | 10   |         |
| Spawner to Non-spawner     | 2      | 7    |         |
| Total n=                   | 29     | 30   | 6       |

Table 5. Percent (frequency in brackets) of live-sampled anadromous Dolly Varden from the Babbage River identified as non-spawners, female spawners and male spawners captured at the spawning and overwintering area using a seine net in late September in 1987 and between 2010 and 2014. The ratio of female:male spawners, and proportion of spawners are calculated, and the number of freshwater juveniles (pre-smolt) (FWJ,  $\leq 215$  mm) and stream resident life-history type (RES)\*.

| Year | Non-spawner | Female spawner | Male spawner | Total n= | F:M spawner | % spawner | FWJ n= | RES n= |
|------|-------------|----------------|--------------|----------|-------------|-----------|--------|--------|
| 2014 | 32.5 (162)  | 45.7 (228)     | 21.8 (109)   | 499      | 2.1:1       | 67.5      | 4      | 15     |
| 2013 | 60.0 (321)  | 24.5 (131)     | 15.5 (83)    | 535      | 1.6:1       | 40.0      | 0      | 2      |
| 2012 | 36.7 (199)  | 33.0 (179)     | 30.3 (164)   | 542      | 1.1:1       | 63.3      | 2      | 20     |
| 2011 | 42.4 (143)  | 34.7 (117)     | 22.8 (77)    | 337      | 1.5:1       | 57.6      | 2      | 8      |
| 2010 | 58.1 (266)  | 27.7 (127)     | 14.2 (65)    | 458      | 2.0:1       | 41.9      | 1      | 5      |
| 1987 | 36.0 (143)  | 38.8 (153)     | 25.3 (99)    | 395      | 1.5:1       | 64.0      | 0      | ‡      |

\* sample size may not be same as Table 2 because some fish did not have length information recorded.

‡ unknown

Table 6. Contribution rates (%) and 95% confidence intervals (in brackets) of anadromous Dolly Varden from the Babbage River among harvest locations and sampling years based on stock mixture analyses using conditional maximum likelihood and Bayesian approaches with ONCOR and BAYES software, respectively. Number of genetic samples (n=).

|      | Herschel Is. |           |     | Ptarmigan Bay* |          |    | King Pt./ Sabine Pt. |             |    | Shingle Pt. |            |     |
|------|--------------|-----------|-----|----------------|----------|----|----------------------|-------------|----|-------------|------------|-----|
|      | BAYES        | ONCOR     | n=  | BAYES          | ONCOR    | n= | BAYES                | ONCOR       | n= | BAYES       | ONCOR      | n=  |
| 2014 | 2 (0-4)      | 2 (0-4)   | 143 |                |          |    | 34 (14-61)           | 36 (14-64)  | 14 | 68 (64-73)  | 68 (63-73) | 384 |
| 2013 | 15 (9-22)    | 14 (8-21) | 107 |                |          |    | 83 (63-96)           | 88 (71-100) | 16 | 30 (21-39)  | 30 (21-38) | 107 |
| 2012 | 6 (2-11)     | 5 (1-9)   | 87  |                |          |    | 97 (92-100)          | 98 (95-100) | 65 | 89 (84-93)  | 89 (85-93) | 236 |
| 2011 | 7 (3-14)     | 7 (2-14)  | 83  | 7 (3-14)       | 7 (2-14) | 87 | 80 (62-93)           | 79 (63-96)  | 23 | 68 (60-75)  | 68 (60-75) | 162 |

\* no genetic samples available from Ptarmigan Bay 2012-2014

Table 7. Number of and dates when anadromous Dolly Varden were harvested at subsistence fishing locations along the Canadian Beaufort Sea coast, and the estimated percent contribution ( $\pm$  95% C.I.) and number of harvested fish ( $\pm$  95% C.I.) from the Babbage River stock based on a genetic mixed-stock fishery analysis (Bayesian mixture methods).

| Locations            | Year | Dates of harvest and sampling | Total number of Dolly Varden harvested | % contribution to harvest from Babbage River stock | Number of Babbage River stock harvested |
|----------------------|------|-------------------------------|--|--|---|
| Herschel Island      | 2014 | Jun. 21 - Aug. 11             | 151                                    | 2 (0 - 4)  | 2 (0 - 6)                               |
|                      | 2013 | Jun. 29 - Aug. 29             | 189                                    | 15 (9 - 22)  | 27 (16 - 41)                            |
|                      | 2012 | Jul. 15 - Aug. 19             | 118                                    | 6 (2 - 11)   | 5 (2 - 13)                              |
|                      | 2011 | Jun. 13 - Aug. 4              | 129                                    | 7 (3 - 14)   | 9 (4 - 18)                              |
| Ptarmigan Bay        | 2014 | -                             | -                                      | -  | -                                       |
|                      | 2013 | Early Jul.                    | 12                                     | *  | *                                       |
|                      | 2012 | Early Jul.                    | 1                                      | *  | *                                       |
| King Pt./ Sabine Pt. | 2011 | Jul. 1 - 4                    | 93                                     | 7 (3 - 14)   | 9 (4 - 15)                              |
|                      | 2014 | Jul. 18 & Aug. 1              | 16                                     | 34 (14 - 64)                                       | 5 (2 - 10)                              |
|                      | 2013 | Aug. 2 & 3                    | 19                                     | 83 (63 - 96)                                       | 16 (12 - 18)                            |
|                      | 2012 | Jul. 20 - 23                  | 66                                     | 97 (92 - 100)                                      | 64 (61 - 66)                            |
| Shingle Point        | 2011 | Jul. 22-23 & Aug. 2           | 43                                     | 80 (62 - 93)                                       | 34 (27 - 40)                            |
|                      | 2014 | Jul. 17 - Aug. 8              | 404                                    | 68 (64 - 73)                                       | 277 (258 - 296)                         |
|                      | 2013 | Jul. 30 - Aug. 14             | 115                                    | 30 (21 - 39)                                       | 34 (25 - 44)                            |
|                      | 2012 | Jul. 16 - Aug. 9              | 412                                    | 89 (84 - 93)                                       | 367 (348 - 381)                         |
| Total                | 2011 | Jul. 22 - Aug. 9              | 193                                    | 68 (60 - 75)                                       | 130 (117 - 144)                         |
|                      | 2014 |                               | 571                                    |  | 294                                     |
|                      | 2013 |                               | 335                                    |  | 77                                      |
|                      | 2012 |                               | 597                                    |  | 437                                     |
|                      | 2011 |                               | 458                                    |  | 183                                     |

- no fishing occurred at Ptarmigan Bay in 2014

\* no genetic samples collected; assumed that contribution of Babbage River stock was minimal

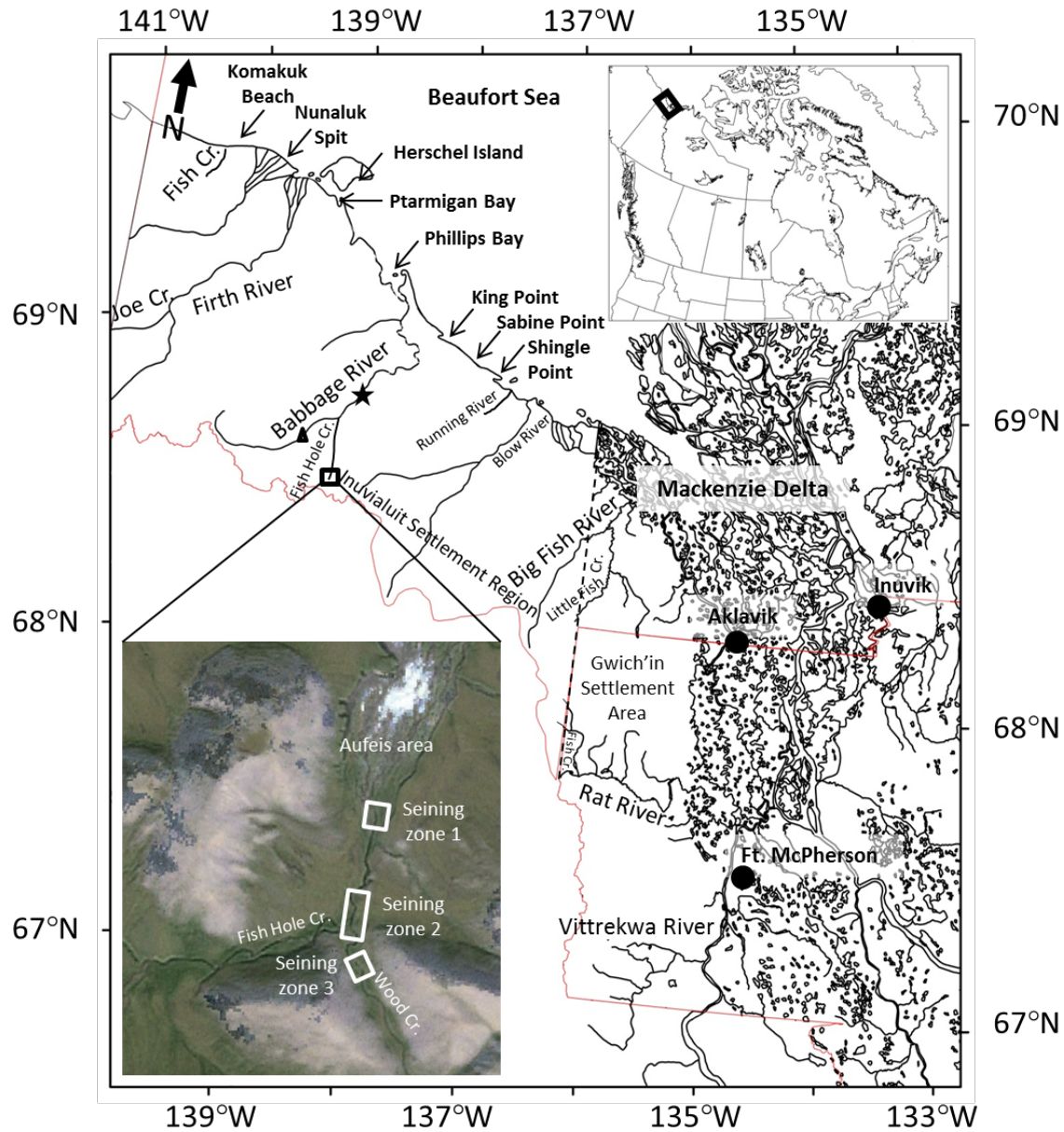


Figure 1. Location of rivers and creeks\* in the Inuvialuit Settlement Region and Gwich'in Settlement Area (red lines delineate land claim borders) known to have anadromous Dolly Varden, and locations along the Beaufort Sea coast where harvesting of Dolly Varden can occur. Insert on lower left is a satellite image (Google Earth) of Fish Hole Creek, the spawning and overwintering tributary of the Babbage River stock, showing the locations (white boxes) where seining was conducted (end of September). The star and triangle on the Babbage River shows the location of the camp where DIDSON was deployed and the falls, respectively.

\*Fish Cr., Joe Cr., Firth R., Babbage R./ Fish Hole Cr., Big Fish R./ Little Fish R., Rat R./ Fish Cr., and Vittrekwa R.

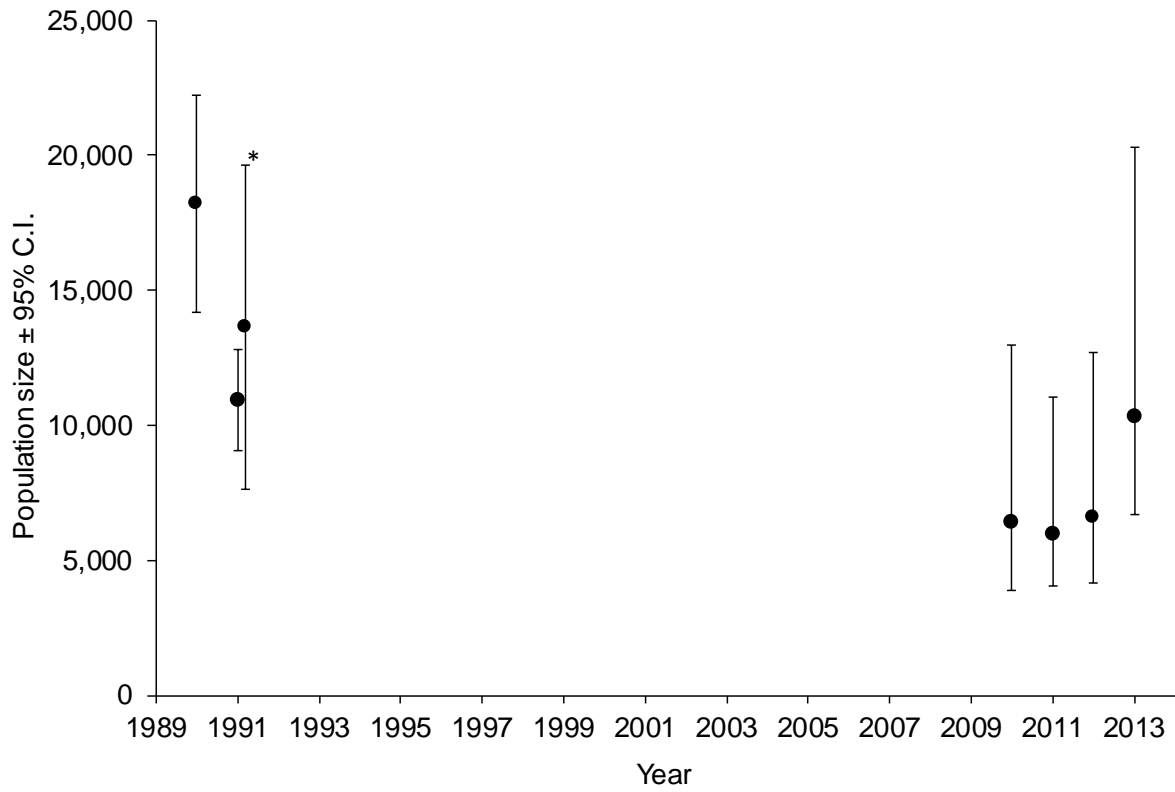


Figure 2. Estimates of population abundance of anadromous Dolly Varden  $\geq 365$  mm from the Babbage River stock in 1990 and 1991, and between 2010 and 2013 generated by mark-recapture studies. Another estimate for 1991 (\*) was calculated in Sandstrom et al. 1997 using Bailey's triple capture model.

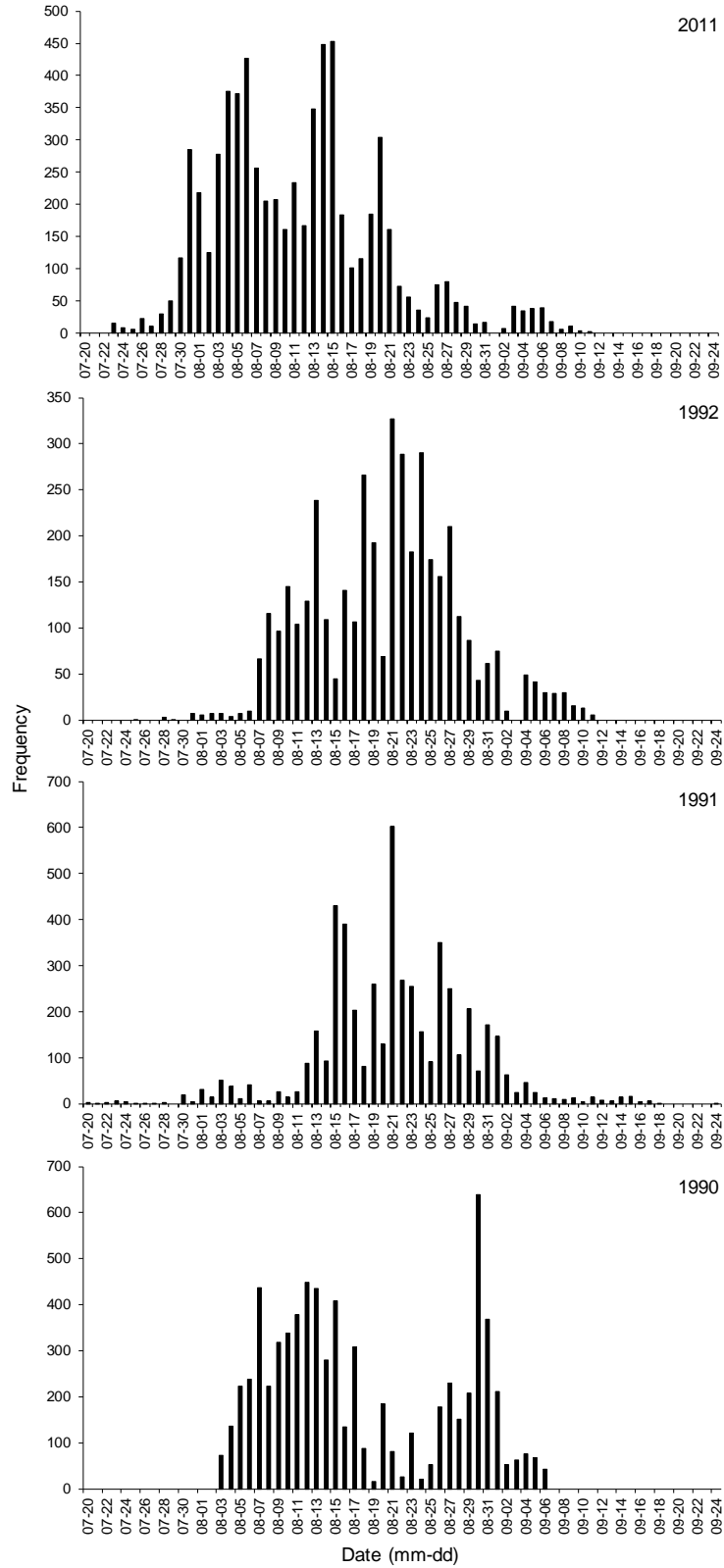


Figure 3. Daily number of fish enumerated moving upstream in the Babbage River using the DIDSON camera in 2011 and the daily number of Dolly Varden enumerated using a weir in the river in 1990, 1991 and 1992.

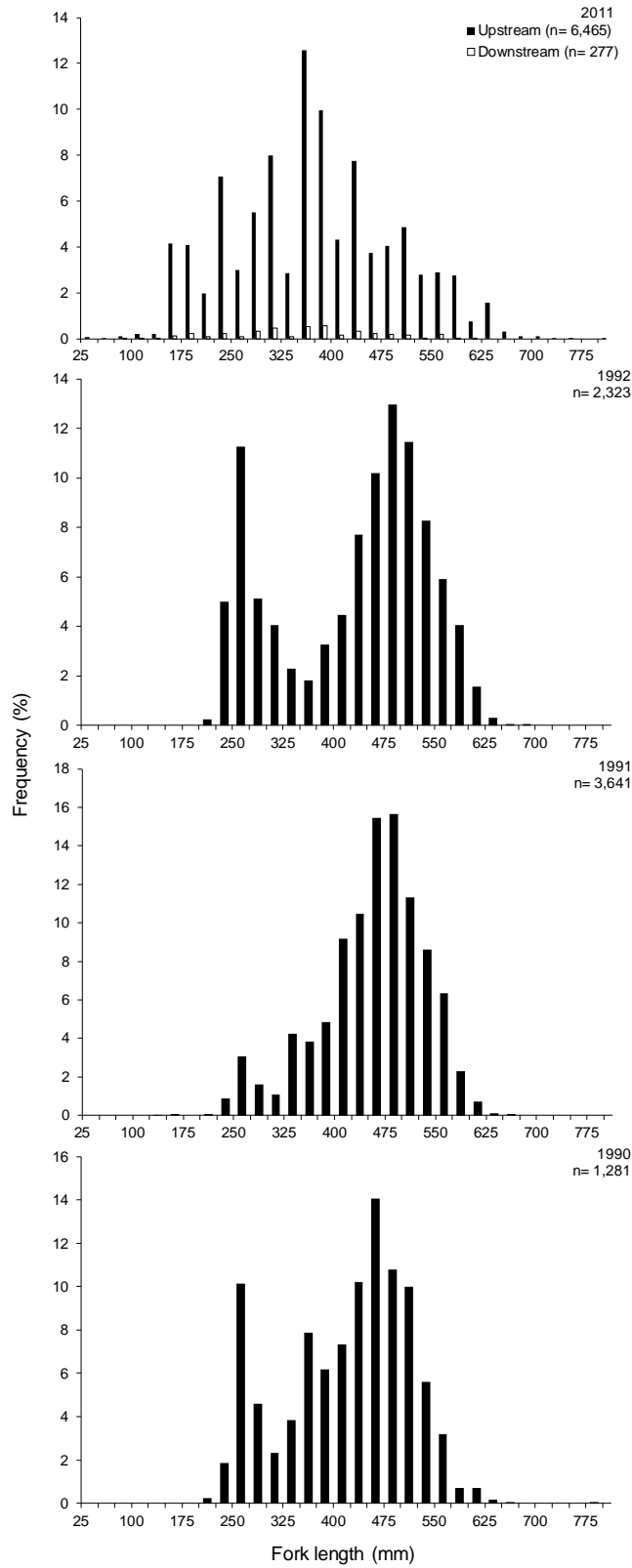


Figure 4. Length frequency distribution of fish moving upstream and downstream in the Babbage River observed using the DIDSON camera in 2011, and of Dolly Varden captured using a weir deployed in the river in 1990, 1991 and 1992.

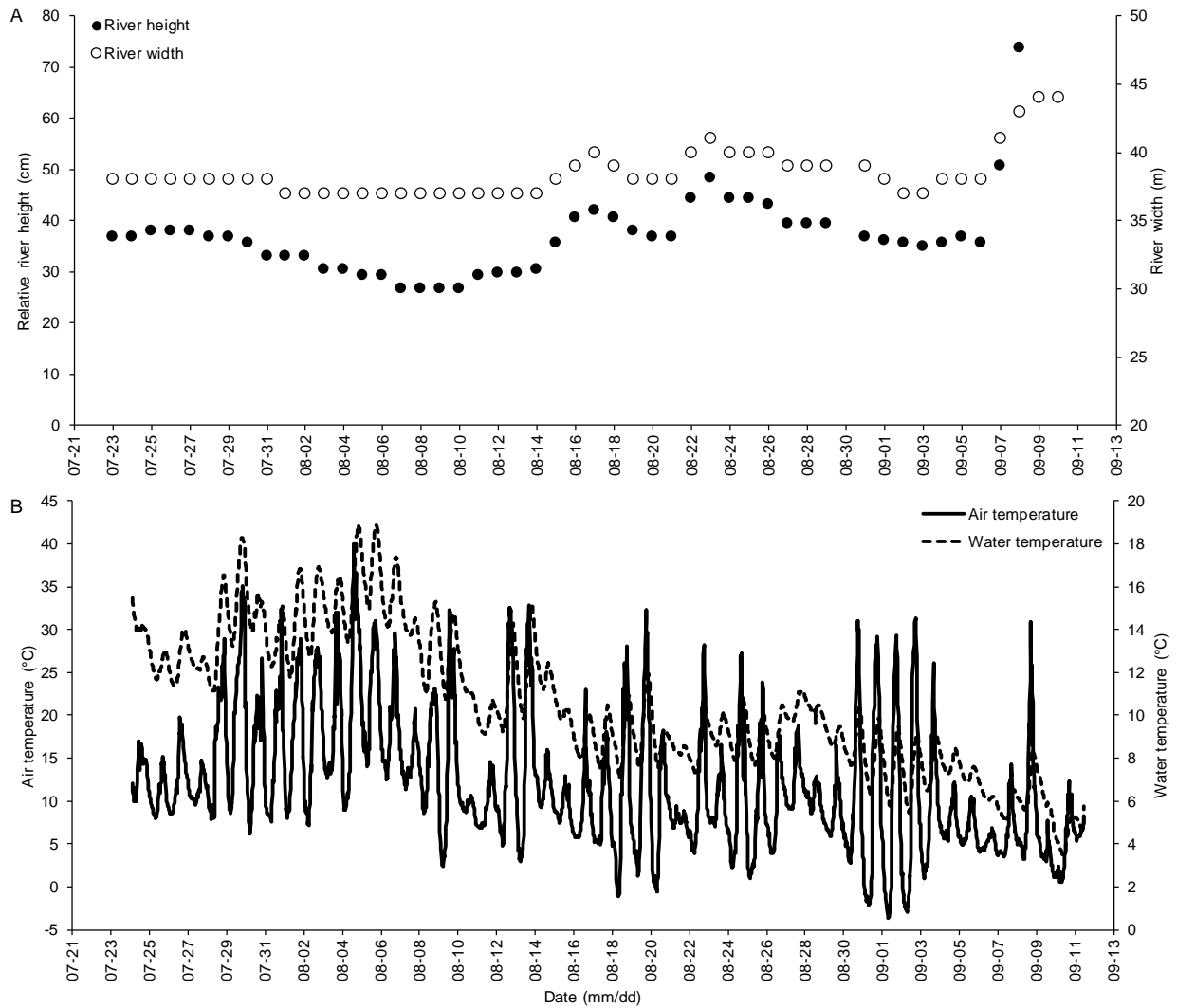


Figure 5. (A) River height (relative) and width, and (B) air and water temperature where the DIDSON camera was deployed in the Babbage River (N 68.87699, W 138.62563) between July 21 and September 11, 2011.

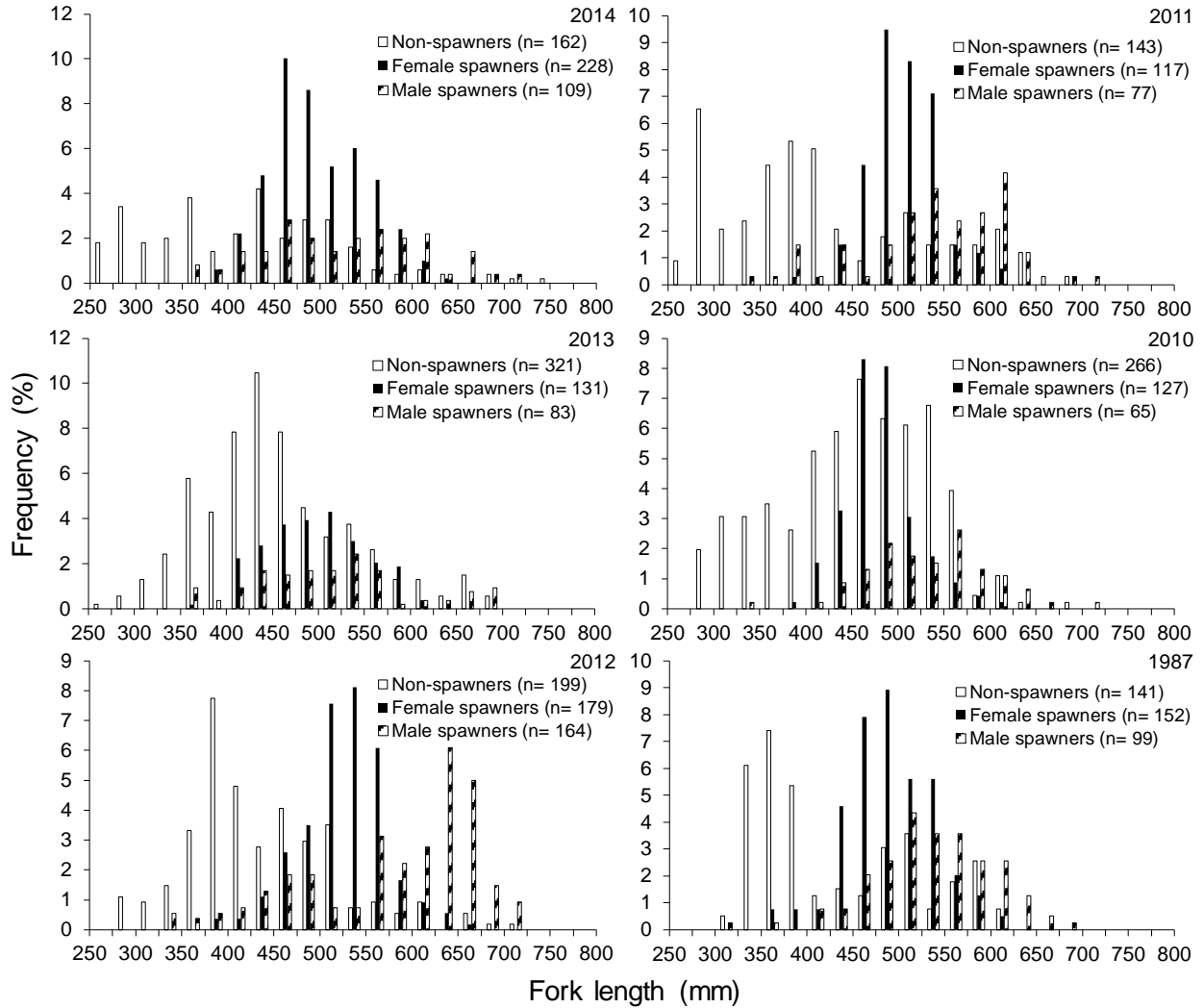


Figure 6. Length frequency distribution of anadromous Dolly Varden from the Babbage River identified as non-spawners, female spawners, and male spawners captured using a seine net at the spawning and overwintering area at end of September in 1987, and between 2010 and 2014.



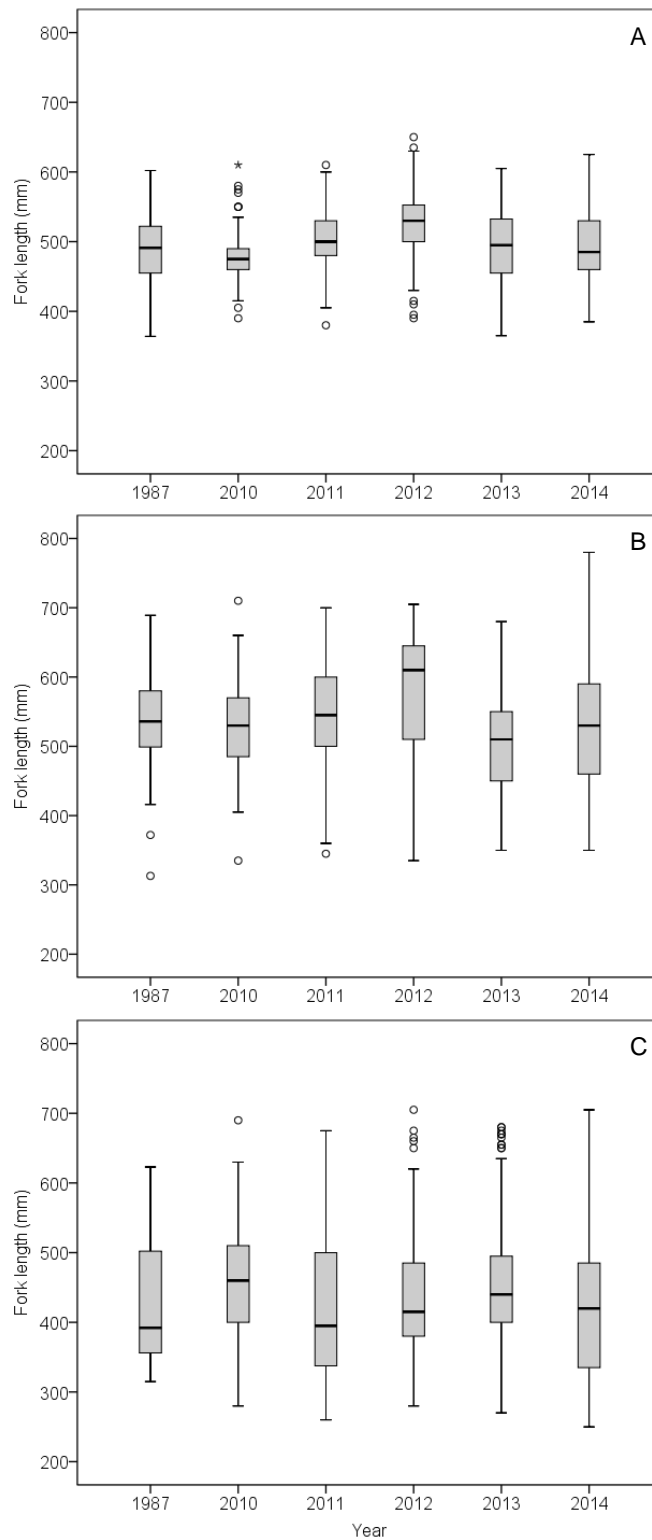


Figure 7. Fork length (median, quartiles and outliers (○, ★; values  $\geq 1.5 \times$  and  $3 \times$  inter quartile range, respectively)) of anadromous Dolly Varden from the Babbage River identified as A) female spawners, B) male spawners, and C) non-spawners seined at the spawning and overwintering area in 1987, and between 2010 and 2014..

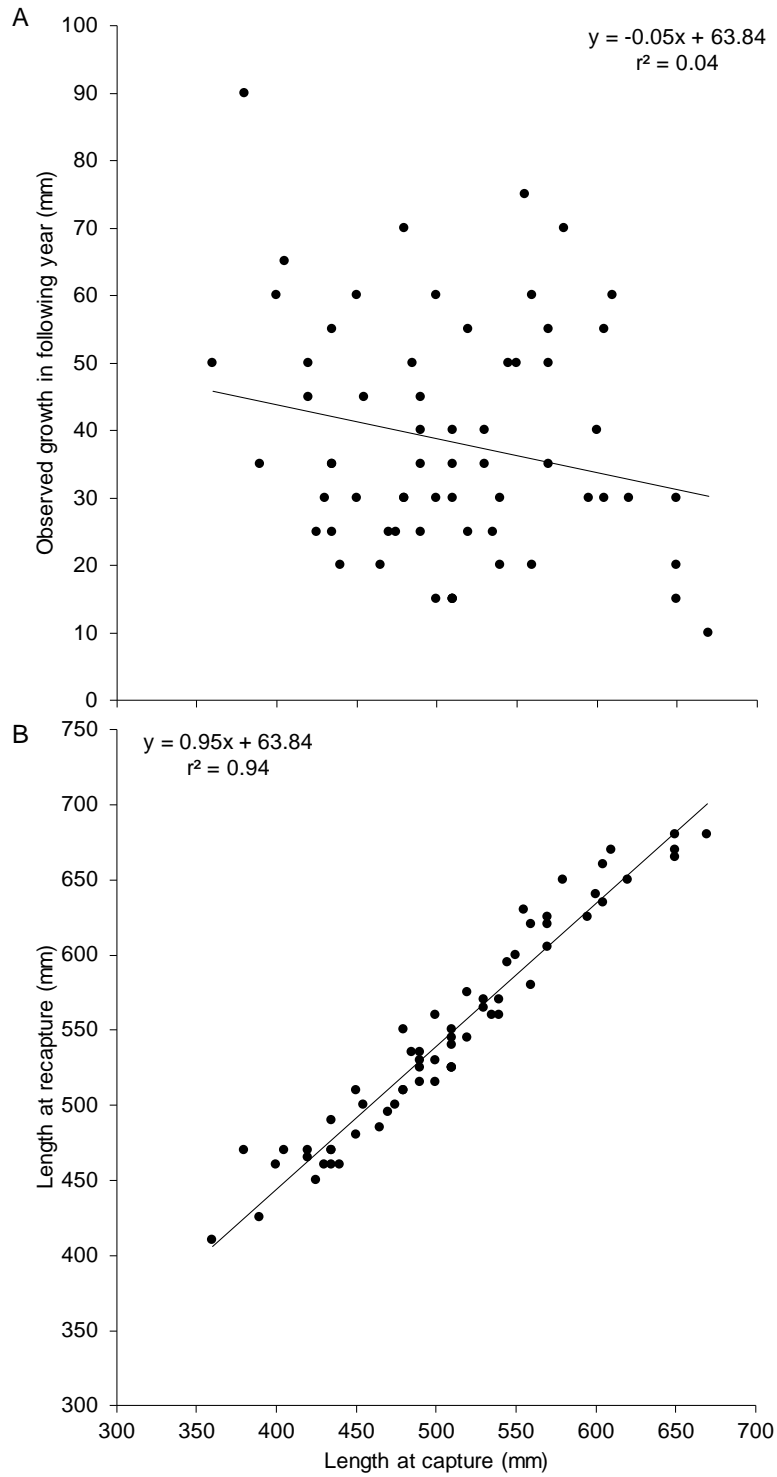


Figure 8. (A) Observed annual growth and (B) length at capture and recapture of anadromous Dolly Varden from the Babbage River based on mark and recapture studies between 2010 and 2014.

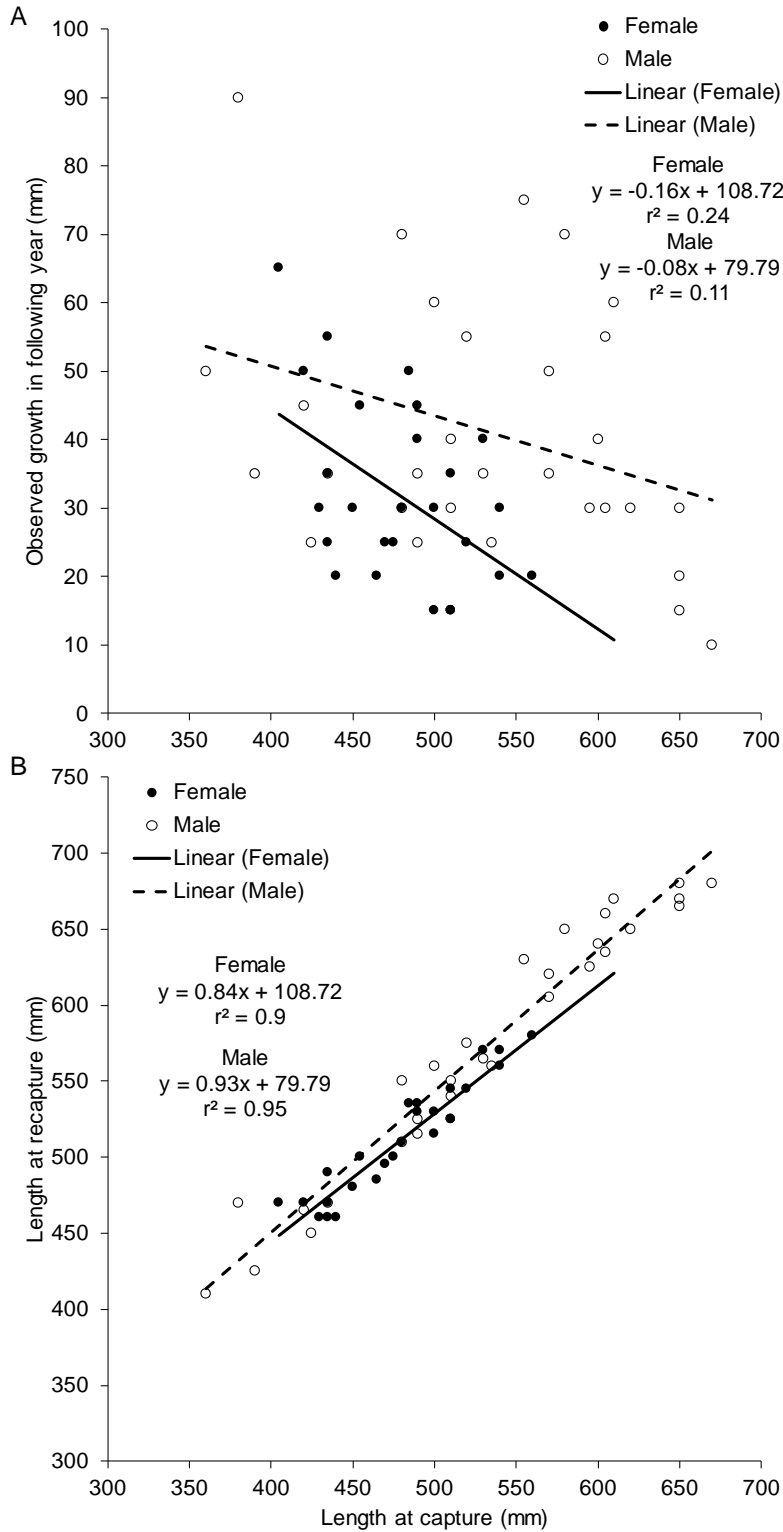


Figure 9. (A) Observed annual growth and (B) length at capture and recapture of sexually immature and mature male and female anadromous Dolly Varden from the Babbage River based on mark and recapture studies between 2010 and 2014.

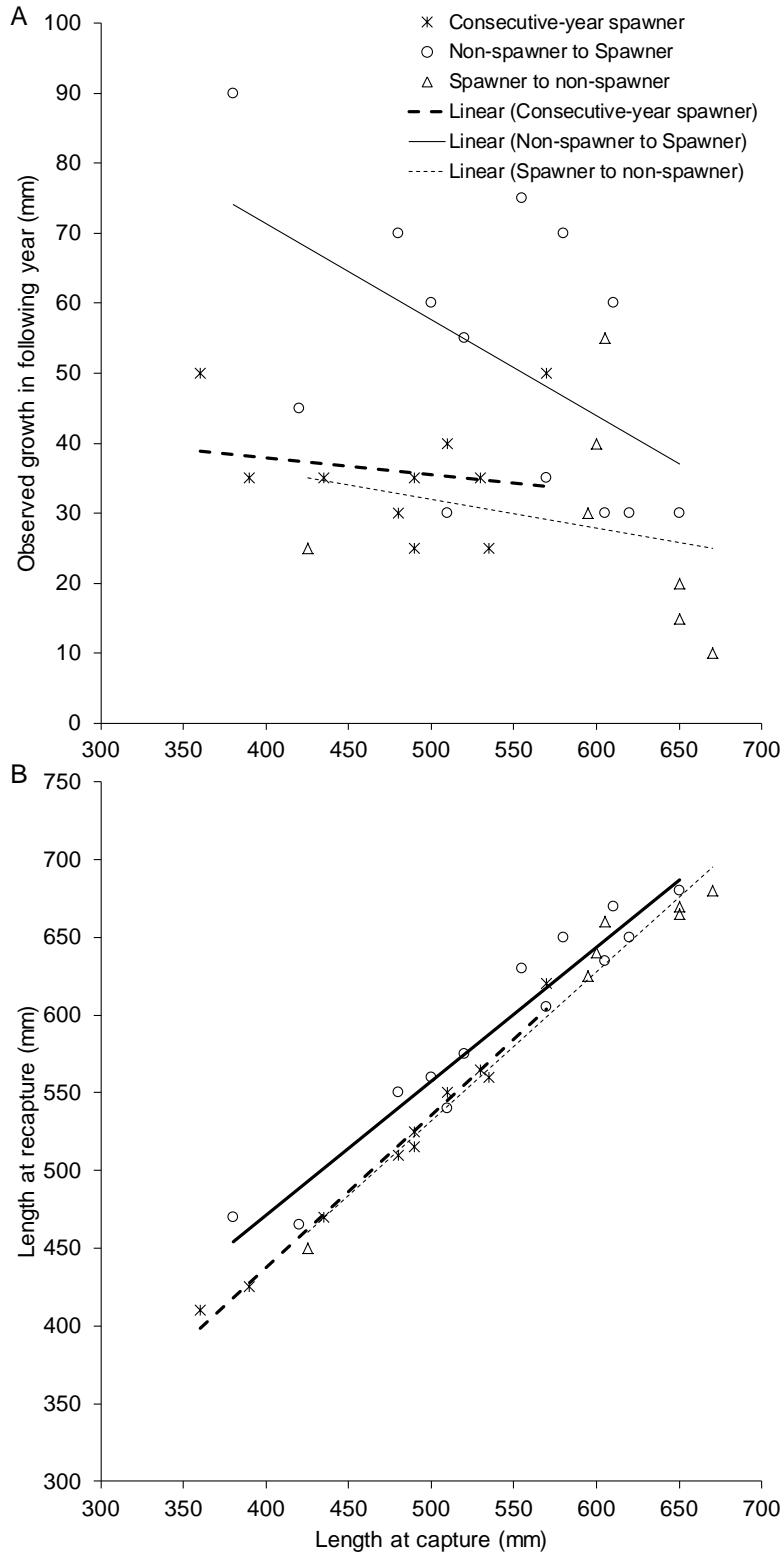


Figure 10. (A) Observed annual growth and (B) length at capture and recapture of male anadromous Dolly Varden from the Babbage River among categories of reproductive status from one year to the next based on mark and recapture studies between 2010 and 2014.



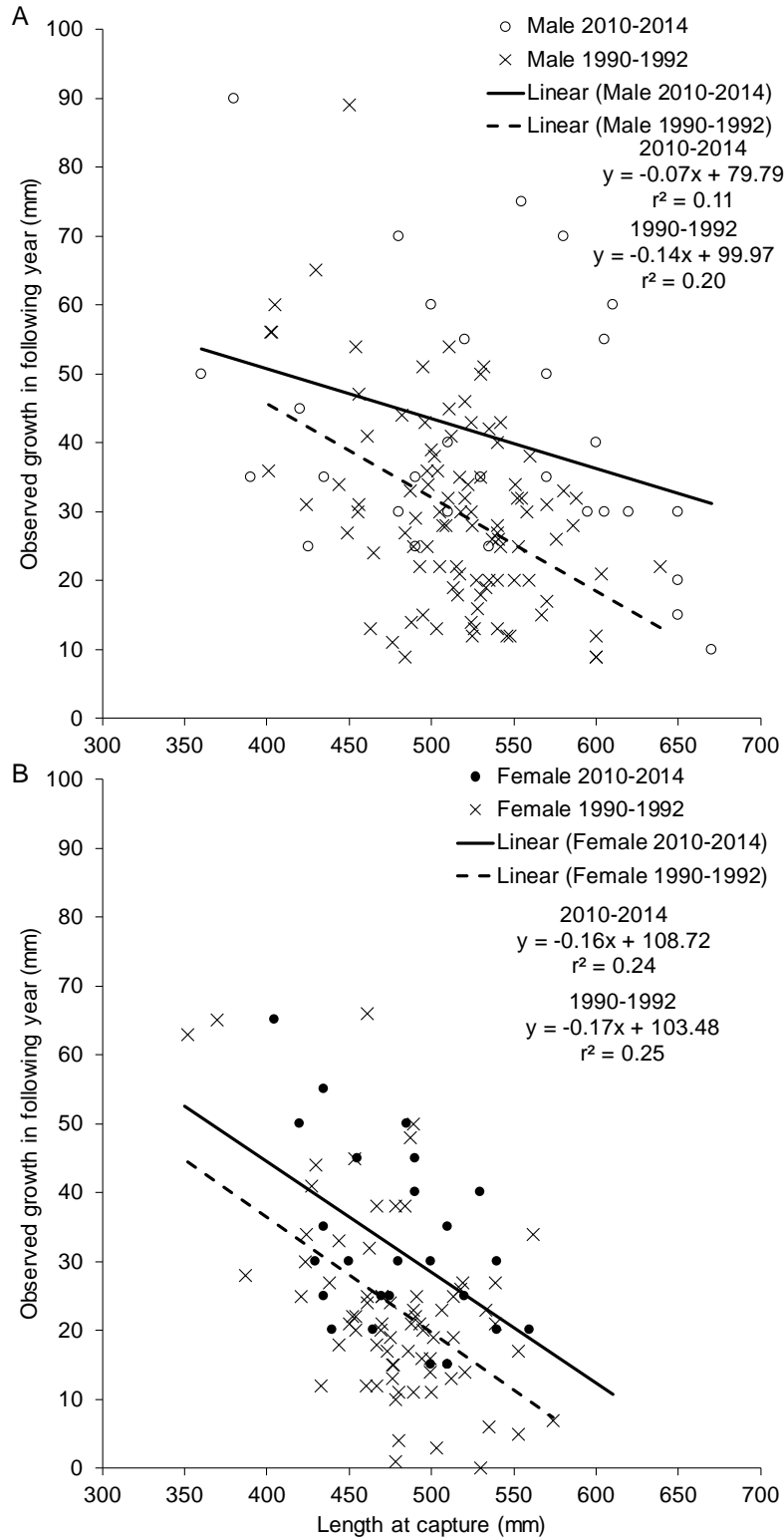


Figure 12. Observed annual growth of female and male anadromous Dolly Varden from the Babbage River between 2010-2014 and 1990-1992.

## APPENDIX 1

*Table A1-1: Biological information of Dolly Varden from the Babbage River stock (Fish Hole Creek) captured using a seine net in the fall of 1987 and 2010-2014 for t-bar tagging programs. Data: life history (anadromous, resident, freshwater juvenile, young-of-the-year), date of capture (dd-month-yy), seine # (sequential order of seine net deployed in pools), sex (male and female), reproductive status (spawner or non-spawner), tag ID (individually unique numbers), injury (scar= old injury that is healed, or wound= recent injury; size is >2.5 cm and incurred from predators) (not recorded in 1987), injury location (combination of anterior/ posterior and ventral/ dorsal), recapture (confirms if sample was previously tagged), recapture tag ID, tag colour (1987= yellow; 2010 and 2013= red; 2011 and 2014= grey; 2012= brown), sampling area (general location where seining occurred). In 1987, locations were described as A (Fish Hole below small 3 ft falls on Canoe Ck.), B (above hole between falls and above 2nd falls), C (above 2nd falls in and around spawning holes just below jctn of Wood Ck.), and D (above braided area in main spawning area). In 2010-2014, zones 1, 2, 3 correspond to boxes illustrated on Fish Hole Creek map in Figure 1. It is noted that a 370 mm female in spawning condition (September 21, 2012 in seine #3) was confirmed to be a resident life history using otolith strontium analysis.*

| Life history | Date      | Seine # | Fork length (mm) | Sex    | Reprod. status | Tag ID | Injury | Injury location | Recapture | Recapture tag ID | Tag colour | Sampling area |
|--------------|-----------|---------|------------------|--------|----------------|--------|--------|-----------------|-----------|------------------|------------|---------------|
| Anadromous   | 22-Sep-87 | 1       | 554              | Female | Spawner        | 61051  |        |                 |           |                  | Yellow     | A             |
| Anadromous   | 22-Sep-87 | 1       | 592              | Female | Spawner        | 61052  |        |                 |           |                  | Yellow     | A             |
| Anadromous   | 22-Sep-87 | 1       | 623              | Female | Silver         | 61053  |        |                 |           |                  | Yellow     | A             |
| Anadromous   | 22-Sep-87 | 1       | 567              | Female | Silver         | 61054  |        |                 |           |                  | Yellow     | A             |
| Anadromous   | 22-Sep-87 | 1       | 570              | Male   | Silver         | 61055  |        |                 |           |                  | Yellow     | A             |
| Anadromous   | 22-Sep-87 | 1       | 520              | Female | Silver         | 61056  |        |                 |           |                  | Yellow     | A             |
| Anadromous   | 22-Sep-87 | 1       | 490              | Female | Silver         | 61057  |        |                 |           |                  | Yellow     | A             |
| Anadromous   | 22-Sep-87 | 1       | 494              | Female | Silver         | 61058  |        |                 |           |                  | Yellow     | A             |
| Anadromous   | 22-Sep-87 | 1       | 355              |        | Silver         | 61059  |        |                 |           |                  | Yellow     | A             |
| Anadromous   | 23-Sep-87 | 2       | 570              | Male   | Spawner        | 61060  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 472              |        | Silver         | 61061  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 586              | Male   | Silver         | 61062  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 523              | Female | Silver         | 61063  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 580              | Female | Silver         | 61064  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 507              | Female | Silver         | 61065  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 419              | Female | Silver         | 61066  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 432              |        | Silver         | 61067  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 482              |        | Silver         | 61068  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 358              |        | Silver         | 61069  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 406              |        | Silver         | 61070  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 419              |        | Silver         | 61071  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 475              |        | Silver         | 61072  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 514              |        | Silver         | 61073  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 393              |        | Silver         | 61074  |        |                 |           |                  | Yellow     | B             |
| Anadromous   | 23-Sep-87 | 2       | 476              |        | Silver         | 61075  |        |                 |           |                  | Yellow     | B             |

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|            |           |   |     |        |         |       |        |   |
|------------|-----------|---|-----|--------|---------|-------|--------|---|
| Anadromous | 23-Sep-87 | 2 | 568 | Male   | Silver  | 61076 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 528 | Female | Silver  | 61077 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 476 | Female | Silver  | 61078 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 524 | Male   | Silver  | 61079 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 502 | Female | Silver  | 61080 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 384 |        |         | 61081 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 349 |        | Silver  | 61082 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 438 | Male   | Spawner | 61083 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 488 | Female | Silver  | 61084 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 386 | Female | Silver  | 61085 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 445 | Female | Spawner | 61086 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 497 | Female | Spawner | 61087 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 378 |        | Silver  | 61088 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 512 | Male   | Spawner | 61089 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 576 |        | Silver  | 61090 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 568 | Female | Silver  | 61091 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 454 | Female | Silver  | 61092 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 450 | Male   | Spawner | 61093 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 499 | Male   | Spawner | 61094 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 481 |        | Silver  | 61095 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 467 | Female | Spawner | 61096 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 426 | Female | Silver  | 61097 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 514 | Male   | Spawner | 61098 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 536 | Female | Spawner | 61099 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 471 |        | Silver  | 61100 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 455 | Female | Spawner | 61101 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 472 |        | Silver  | 61102 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 456 | Male   | Spawner | 61103 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 579 | Female | Silver  | 61104 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 495 | Female | Spawner | 61105 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 530 | Female | Spawner | 61106 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 373 |        | Silver  | 61107 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 387 |        | Silver  | 61108 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 516 | Male   | Spawner | 61109 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 577 | Male   | Silver  | 61110 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 516 | Male   | Silver  | 61111 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 580 | Male   | Silver  | 61112 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 515 | Male   | Spawner | 61113 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 460 | Female | Spawner | 61114 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 462 | Female | Spawner | 61115 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 589 | Male   | Silver  | 61116 | Yellow | B |

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|------------|-----------|---|-----|--------|---------|-------|--------|---|
| Anadromous | 23-Sep-87 | 2 | 536 | Female | Silver  | 61117 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 353 |        | Silver  | 61118 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 527 | Male   | Spawner | 61119 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 551 | Female | Spawner | 61120 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 396 |        | Silver  | 61121 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 367 |        | Silver  | 61122 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 350 |        | Silver  | 61123 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 578 |        | Silver  | 61124 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 433 | Female | Spawner | 61125 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 602 | Female | Spawner | 61126 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 612 | Male   | Spawner | 61127 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 436 |        | Silver  | 61128 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 549 | Male   | Spawner | 61129 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 527 | Female | Spawner | 61130 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 383 | Female | Spawner | 61131 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 560 | Male   | Silver  | 61132 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 492 | Female | Spawner | 61133 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 484 | Female | Spawner | 61134 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 520 | Female | Silver  | 61135 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 433 |        | Silver  | 61136 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 515 |        | Silver  | 61137 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 352 |        | Silver  | 61138 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 370 |        | Silver  | 61139 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 389 |        | Silver  | 61140 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 593 | Male   | Spawner | 61141 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 501 | Female | Spawner | 61142 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 470 | Female | Spawner | 61143 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 455 | Female | Spawner | 61144 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 577 |        | Spawner | 61145 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 383 | Female | Silver  | 61146 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 412 |        | Spawner | 61147 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 378 | Female | Silver  | 61148 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 430 |        | Spawner | 61149 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 458 | Female | Spawner | 61150 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 444 | Female | Spawner | 61175 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 589 | Male   | Silver  | 61176 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 600 | Male   | Silver  | 61177 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 446 | Female | Spawner | 61178 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 522 |        | Silver  | 61179 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 500 | Female | Spawner | 61180 | Yellow | B |
| Anadromous | 23-Sep-87 | 2 | 544 | Female | Spawner | 61181 | Yellow | B |

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|            |           |   |     |        |         |       |        |   |
|------------|-----------|---|-----|--------|---------|-------|--------|---|
| Anadromous | 23-Sep-87 | 2 | 550 | Female | Spawner | 61182 | Yellow | B |
| Anadromous | 24-Sep-87 | 3 | 344 |        | Silver  | 61183 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 373 |        | Silver  | 61184 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 351 |        | Silver  | 61185 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 564 | Male   | Spawner | 61186 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 472 | Female | Spawner | 61187 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 513 | Female | Silver  | 61188 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 505 | Male   | Spawner | 61189 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 540 | Male   | Spawner | 61190 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 489 |        | Silver  | 61191 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 542 | Female | Spawner | 61192 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 594 | Female | Spawner | 61193 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 489 | Female | Spawner | 61194 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 487 | Female | Spawner | 61195 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 357 |        | Silver  | 61196 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 467 | Female | Spawner | 61197 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 612 | Male   | Silver  | 61198 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 596 | Female | Spawner | 61199 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 566 | Male   | Spawner | 61200 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 427 | Female | Spawner | 61151 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 480 | Female | Spawner | 61152 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 499 | Male   | Spawner | 61153 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 345 |        | Silver  | 61154 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 470 | Female | Spawner | 61155 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 424 | Male   | Spawner | 61156 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 544 | Male   | Silver  | 61157 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 496 | Female | Spawner | 61158 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 358 |        | Silver  | 61159 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 468 | Female | Spawner | 61160 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 496 | Female | Spawner | 61161 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 362 |        | Silver  | 61162 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 340 |        | Silver  | 61163 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 365 | Female | Spawner | 61164 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 569 | Male   | Spawner | 61165 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 605 | Male   | Spawner | 61166 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 494 | Male   | Spawner | 61167 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 407 | Female | Spawner | 61168 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 359 |        | Silver  | 61169 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 499 | Female | Spawner | 61170 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 635 | Male   | Spawner | 61171 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 581 | Male   | Spawner | 61172 | Yellow | C |

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|            |           |   |     |        |         |       |        |   |
|------------|-----------|---|-----|--------|---------|-------|--------|---|
| Anadromous | 24-Sep-87 | 3 | 527 | Female | Spawner | 61173 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 510 | Male   | Spawner | 61174 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 437 | Male   | Spawner | 61201 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 328 |        | Silver  | 61202 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 544 | Male   | Spawner | 61203 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 429 | Female | Spawner | 61204 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 671 | Male   | Spawner | 61205 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 554 | Male   | Spawner | 61206 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 581 | Male   | Spawner | 61207 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 654 | Male   | Spawner | 61208 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 588 | Male   | Spawner | 61209 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 476 | Female | Spawner | 61210 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 621 | Male   | Spawner | 61211 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 507 | Female | Spawner | 61212 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 544 | Female | Spawner | 61213 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 626 | Male   | Spawner | 61214 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 490 | Female | Spawner | 61215 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 496 | Female | Spawner | 61216 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 480 | Female | Spawner | 61217 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 496 | Female | Spawner | 61218 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 512 | Female | Spawner | 61219 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 575 | Male   | Spawner | 61220 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 475 | Female | Spawner | 61221 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 615 | Male   | Spawner | 61222 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 487 | Male   | Spawner | 61223 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 536 | Male   | Spawner | 61224 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 461 | Male   | Spawner | 61225 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 498 | Female | Spawner | 61226 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 565 | Male   | Spawner | 61227 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 512 | Female | Spawner | 61228 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 491 | Male   | Spawner | 61229 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 316 |        | Silver  | 61230 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 450 | Female | Spawner | 61231 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 430 | Female | Spawner | 61232 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 430 | Female | Spawner | 61233 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 510 | Female | Spawner | 61234 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 532 | Male   | Spawner | 61235 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 501 | Male   | Spawner | 61236 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 460 | Female | Spawner | 61237 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 508 | Female | Spawner | 61238 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 538 | Male   | Spawner | 61239 | Yellow | C |

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|            |           |   |     |        |         |       |        |   |
|------------|-----------|---|-----|--------|---------|-------|--------|---|
| Anadromous | 24-Sep-87 | 3 | 525 | Male   | Spawner | 61240 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 454 | Female | Spawner | 61241 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 460 | Male   | Spawner | 61242 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 630 | Male   | Spawner | 61243 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 461 | Female | Spawner | 61244 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 360 |        | Silver  | 61245 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 512 | Male   | Spawner | 61246 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 |     |        | Silver  | 61247 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 |     |        | Silver  | 61248 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 450 | Female | Spawner | 61249 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 514 | Male   | Spawner | 61250 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 517 | Female | Spawner | 61251 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 499 | Female | Spawner | 61252 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 607 | Male   | Spawner | 61253 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 472 | Female | Spawner | 61254 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 481 | Male   | Spawner | 61255 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 503 | Female | Spawner | 61256 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 554 | Female | Spawner | 61257 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 337 | Female | Silver  | 61258 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 356 |        | Silver  | 61259 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 326 |        | Silver  | 61260 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 446 | Male   | Silver  | 61261 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 503 | Male   | Silver  | 61262 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 366 |        | Silver  | 61263 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 534 | Male   | Spawner | 61264 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 426 | Female | Spawner | 61265 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 563 | Male   | Spawner | 61266 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 430 |        | Silver  | 61267 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 497 | Female | Spawner | 61268 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 340 |        | Silver  | 61269 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 560 |        | Silver  | 61270 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 575 | Female | Spawner | 61271 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 586 | Female | Spawner | 61272 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 580 |        | Silver  | 61273 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 563 | Female | Spawner | 61274 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 493 | Female | Spawner | 61275 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 498 | Male   | Spawner | 61276 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 460 | Female | Spawner | 61277 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 422 | Female | Spawner | 61278 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 475 | Female | Spawner | 61279 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 345 |        | Silver  | 61280 | Yellow | C |

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|            |           |   |     |        |         |       |        |   |
|------------|-----------|---|-----|--------|---------|-------|--------|---|
| Anadromous | 24-Sep-87 | 3 | 546 | Female | Spawner | 61281 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 343 |        | Silver  | 61282 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 375 |        | Silver  | 61283 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 351 |        | Silver  | 61284 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 342 |        | Silver  | 61285 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 340 |        | Silver  | 61286 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 398 |        | Silver  | 61287 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 382 |        | Silver  | 61288 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 342 |        | Silver  | 61289 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 530 | Female | Spawner | 61290 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 510 | Female | Spawner | 61291 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 455 | Female | Spawner | 61292 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 515 | Male   | Spawner | 61293 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 462 | Male   | Spawner | 61294 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 556 | Male   | Spawner | 61295 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 491 | Female | Spawner | 61296 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 480 | Female | Spawner | 61297 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 361 |        | Silver  | 61298 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 374 |        | Silver  | 61299 | Yellow | C |
| Anadromous | 24-Sep-87 | 3 | 315 |        | Silver  | 61300 | Yellow | C |
| Anadromous | 25-Sep-87 | 4 | 500 |        | Silver  | 61301 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 432 | Female | Spawner | 61302 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 510 | Male   | Spawner | 61303 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 488 | Male   | Spawner | 61304 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 516 | Female | Spawner | 61305 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 388 |        | Silver  | 61306 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 498 | Male   | Spawner | 61307 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 489 |        | Silver  | 61308 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 479 | Female | Spawner | 61309 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 510 | Female | Spawner | 61310 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 469 | Female | Spawner | 61311 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 521 | Female | Spawner | 61312 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 534 | Female | Spawner | 61313 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 428 | Female | Spawner | 61314 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 503 | Female | Spawner | 61315 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 490 |        | Silver  | 61316 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 512 |        | Silver  | 61317 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 415 | Female | Spawner | 61318 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 399 | Female | Spawner | 61319 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 385 |        | Silver  | 61320 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 372 | Male   | Spawner | 61321 | Yellow | D |

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|------------|-----------|---|-----|--------|---------|-------|--------|---|
| Anadromous | 25-Sep-87 | 4 | 366 | Female | Spawner | 61322 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 361 |        | Silver  | 61323 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 335 |        | Silver  | 61324 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 344 |        | Silver  | 61325 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 356 |        | Silver  | 61326 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 535 | Male   | Spawner | 61327 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 518 | Female | Spawner | 61328 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 506 | Male   | Spawner | 61329 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 466 | Female | Spawner | 61330 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 499 | Female | Spawner | 61331 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 523 | Female | Spawner | 61332 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 497 | Female | Spawner | 61333 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 384 |        | Silver  | 61334 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 600 | Female | Spawner | 61335 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 606 | Male   | Spawner | 61336 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 351 |        | Silver  | 61337 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 443 | Female | Spawner | 61338 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 523 | Male   | Spawner | 61339 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 542 | Female | Spawner | 61340 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 313 | Male   | Spawner | 61341 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 517 | Male   | Spawner | 61342 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 542 | Female | Spawner | 61343 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 556 | Male   | Spawner | 64344 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 582 | Male   | Spawner | 61345 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 433 | Female | Spawner | 61346 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 561 | Male   | Spawner | 61347 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 623 | Male   | Spawner | 61348 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 527 | Female | Spawner | 61349 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 580 | Male   | Spawner | 61350 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 334 |        | Silver  | 61351 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 464 | Female | Spawner | 61352 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 541 | Male   | Spawner | 61353 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 510 | Male   | Spawner | 61354 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 525 | Female | Spawner | 61355 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 400 |        | Silver  | 61356 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 459 | Female | Spawner | 61357 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 405 |        | Silver  | 61358 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 447 | Female | Spawner | 61359 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 475 | Female | Spawner | 61360 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 354 |        | Silver  | 61361 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 349 |        | Silver  | 61362 | Yellow | D |

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|------------|-----------|---|-----|--------|---------|-------|--------|---|
| Anadromous | 25-Sep-87 | 4 | 325 |        | Silver  | 61363 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 470 | Female | Spawner | 61364 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 602 | Male   | Spawner | 61365 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 455 | Female | Spawner | 61366 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 615 | Male   | Spawner | 61367 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 526 | Male   | Spawner | 61368 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 454 | Female | Spawner | 61369 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 633 | Male   | Spawner | 61370 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 538 | Female | Spawner | 61371 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 450 | Female | Spawner | 61372 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 562 |        | Silver  | 61373 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 372 |        | Silver  | 61374 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 381 | Female | Spawner | 61375 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 370 |        | Silver  | 61376 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 376 |        | Silver  | 61377 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 394 |        | Silver  | 61378 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 345 |        | Silver  | 61379 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 518 | Female | Spawner | 61380 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 545 | Female | Spawner | 61381 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 379 |        | Silver  | 61382 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 557 | Male   | Spawner | 61383 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 580 | Male   | Spawner | 61384 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 550 | Male   | Spawner | 61385 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 395 |        | Silver  | 61386 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 497 | Male   | Spawner | 61387 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 469 |        | Silver  | 61388 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 488 |        | Silver  | 61389 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 343 |        | Silver  | 61390 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 329 |        | Silver  | 61391 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 637 | Male   | Spawner | 61392 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 560 | Male   | Spawner | 61393 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 551 | Male   | Spawner | 61394 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 510 | Female | Spawner | 61395 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 426 | Male   | Spawner | 61396 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 689 | Male   | Spawner | 61397 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 379 |        | Silver  | 61398 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 456 | Male   | Spawner | 61399 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 551 | Female | Spawner | 61400 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 448 | Female | Spawner | 61401 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 |     |        |         | 61402 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 495 | Female | Spawner | 61403 | Yellow | D |

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|------------|-----------|---|-----|--------|---------|-------|--------|---|
| Anadromous | 25-Sep-87 | 4 | 545 | Female | Spawner | 61404 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 480 | Female | Spawner | 61405 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 474 | Male   | Spawner | 61406 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 555 | Female | Spawner | 61407 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 541 | Male   | Spawner | 61408 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 455 | Female | Spawner | 61409 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 491 | Female | Spawner | 61410 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 364 | Female | Spawner | 61411 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 580 | Male   | Spawner | 61412 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 594 | Male   | Spawner | 61413 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 528 | Female | Spawner | 61414 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 499 | Female | Spawner | 61415 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 622 | Male   | Spawner | 61416 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 455 | Female | Spawner | 61417 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 539 | Male   | Spawner | 61418 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 526 | Female | Spawner | 61419 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 505 | Female | Spawner | 61420 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 416 | Male   | Spawner | 61421 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 504 | Female | Spawner | 61422 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 477 | Female | Spawner | 61423 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 457 | Male   | Spawner | 61424 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 436 | Female | Spawner | 61425 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 |     | Female | Spawner | 61426 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 487 | Female | Spawner | 61427 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 475 | Female | Spawner | 61428 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 530 | Female | Spawner | 61429 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 503 | Male   | Spawner | 61430 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 531 | Female | Spawner | 61431 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 520 | Female | Spawner | 61432 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 454 | Female | Spawner | 61433 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 342 |        | Silver  | 61434 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 452 | Female | Spawner | 61435 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 334 |        | Silver  | 61436 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 392 |        | Silver  | 61437 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 365 |        | Silver  | 61438 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 512 | Female | Spawner | 61439 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 485 | Female | Spawner | 61440 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 380 |        | Silver  | 61441 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 447 | Female | Spawner | 61442 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 535 | Female | Spawner | 61443 | Yellow | D |
| Anadromous | 25-Sep-87 | 4 | 521 | Male   | Spawner | 61444 | Yellow | D |

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|------------|-----------|---|-----|--------|---------|-------|----|--------|--------|
| Anadromous | 25-Sep-87 | 4 | 356 |        | Silver  | 61445 |    | Yellow | D      |
| Anadromous | 25-Sep-87 | 4 | 444 | Female | Spawner | 61446 |    | Yellow | D      |
| Anadromous | 25-Sep-87 | 4 | 565 | Female | Spawner | 61447 |    | Yellow | D      |
| Anadromous | 25-Sep-87 | 4 | 422 | Male   | Spawner | 61448 |    | Yellow | D      |
| Anadromous | 25-Sep-87 | 4 | 370 |        | Silver  | 61449 |    | Yellow | D      |
| Anadromous | 25-Sep-87 | 4 | 342 |        | Silver  | 61450 |    | Yellow | D      |
| Anadromous | 19-Sep-10 | 2 | 530 | Male   | Spawner | 1     | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 640 | Male   | Spawner | 2     | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 550 | Male   | Spawner | 3     | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 470 | Male   | Spawner | 4     | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 485 | Female | Spawner | 5     | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 490 | Female | Spawner | 6     | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 570 |        | Silver  | 7     | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 435 | Female | Spawner | 8     | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 510 | Male   | Spawner | 9     | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 560 | Male   | Spawner | 10    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 520 | Male   | Spawner | 11    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 480 | Female | Spawner | 12    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 470 | Female | Spawner | 13    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 565 | Male   | Spawner | 14    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 610 |        | Silver  | 15    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 485 | Female | Spawner | 16    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 600 | Male   | Spawner | 17    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 465 | Female | Spawner | 18    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 595 | Male   | Spawner | 19    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 485 | Female | Spawner | 20    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 605 |        | Silver  | 21    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 595 | Male   | Spawner | 22    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 690 |        | Silver  | 23    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 645 | Male   | Spawner | 24    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 600 | Male   | Spawner | 25    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 550 | Male   | Spawner | 26    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 425 | Male   | Spawner | 27    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 2 | 540 | Male   | Spawner | 28    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 3 | 485 |        | Silver  | 29    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 3 | 475 |        | Silver  | 30    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 3 | 435 | Female | Spawner | 31    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 3 | 510 |        | Silver  | 32    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 4 | 460 | Female | Spawner | 33    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 4 | 380 |        | Silver  | 34    | No | Red    | Zone 1 |
| Anadromous | 19-Sep-10 | 4 | 510 |        | Silver  | 35    | No | Red    | Zone 1 |

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|-------------------|-----------|---|-----|--------|----------|--------|----|-----|--------|
| Anadromous        | 19-Sep-10 | 4 | 540 | Male   | Spawner  | 36     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 355 |        | Silver   | 37     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 575 | Female | Spawner  | 38     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 420 | Female | Spawner  | 39     | No | Red | Zone 1 |
| Young-of-the year | 19-Sep-10 | 4 | 65  |        | Immature | No tag | No |     | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 560 |        | Silver   | 40     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 470 |        | Silver   | 41     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 480 |        | Silver   | 42     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 445 |        | Silver   | 43     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 435 |        | Silver   | 44     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 500 | Female | Spawner  | 45     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 390 |        | Silver   | 46     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 490 |        | Silver   | 47     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 435 | Female | Spawner  | 48     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 400 |        | Silver   | 49     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 510 |        | Silver   | 50     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 480 |        | Silver   | 51     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 455 |        | Silver   | 52     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 425 | Female | Spawner  | 53     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 570 |        | Silver   | 54     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 500 |        | Silver   | 55     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 465 |        | Silver   | 56     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 540 |        | Silver   | 57     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 490 |        | Silver   | 58     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 490 |        | Silver   | 59_60  | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 550 | Female | Spawner  | 61     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 4 | 380 |        | Silver   | 62     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 555 |        | Silver   | 63     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 455 |        | Silver   | 64     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 435 |        | Silver   | 65     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 500 |        | Silver   | 66     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 445 |        | Silver   | 67     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 430 | Female | Spawner  | 68     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 535 |        | Silver   | 69     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 540 |        | Silver   | 70     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 565 |        | Silver   | 71     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 465 |        | Silver   | 72     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 490 | Male   | Spawner  | 74     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 455 | Female | Spawner  | 75     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 540 |        | Silver   | 76     | No | Red | Zone 1 |
| Anadromous        | 19-Sep-10 | 5 | 500 |        | Silver   | 77     | No | Red | Zone 1 |

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|------------|-----------|---|-----|--------|---------|-----|----|-----|--------|
| Anadromous | 19-Sep-10 | 5 | 415 | Female | Spawner | 78  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 475 | Female | Spawner | 79  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 450 |        | Silver  | 80  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 405 |        | Silver  | 81  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 485 | Female | Spawner | 82  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 475 | Female | Spawner | 83  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 410 |        | Silver  | 84  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 370 |        | Silver  | 85  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 500 |        | Silver  | 86  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 475 | Female | Spawner | 87  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 530 |        | Silver  | 88  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 530 |        | Silver  | 89  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 440 |        | Silver  | 90  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 480 | Female | Spawner | 91  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 415 |        | Silver  | 92  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 480 | Female | Spawner | 93  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 440 | Female | Spawner | 94  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 370 |        | Silver  | 95  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 490 |        | Silver  | 96  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 400 |        | Silver  | 97  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 405 | Male   | Spawner | 98  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 480 | Female | Spawner | 99  | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 425 |        | Silver  | 100 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 505 | Female | Spawner | 101 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 470 | Female | Spawner | 102 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 605 |        | Silver  | 103 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 510 |        | Silver  | 104 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 445 |        | Silver  | 105 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 465 | Female | Spawner | 106 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 450 |        | Silver  | 107 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 490 |        | Silver  | 108 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 470 |        | Silver  | 109 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 420 |        | Silver  | 110 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 480 |        | Silver  | 111 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 510 |        | Silver  | 112 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 465 | Female | Spawner | 113 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 500 | Female | Spawner | 114 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 510 |        | Silver  | 115 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 550 |        | Silver  | 116 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 485 | Female | Spawner | 117 | No | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 465 | Female | Spawner | 118 | No | Red | Zone 1 |

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|------------|-----------|---|-----|--------|---------|-----|------|----------------------|-----|--------|
| Anadromous | 19-Sep-10 | 5 | 430 |        | Silver  | 119 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 415 |        | Silver  | 120 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 540 |        | Silver  | 121 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 420 |        | Silver  | 122 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 490 | Female | Spawner | 123 | scar | Posterior<br>ventral | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 415 | Female | Spawner | 124 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 520 |        | Silver  | 125 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 460 | Female | Spawner | 126 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 595 | Male   | Spawner | 127 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 545 |        | Silver  | 128 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 465 |        | Silver  | 129 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 440 | Female | Spawner | 130 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 485 |        | Silver  | 131 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 375 |        | Silver  | 132 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 425 | Female | Spawner | 133 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 525 |        | Silver  | 134 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 470 | Female | Spawner | 135 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 430 |        | Silver  | 136 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 485 | Female | Spawner | 137 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 525 |        | Silver  | 138 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 490 |        | Silver  | 139 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 400 |        | Silver  | 140 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 510 |        | Silver  | 141 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 515 |        | Silver  | 142 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 455 | Female | Spawner | 143 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 415 |        | Silver  | 144 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 480 | Female | Spawner | 145 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 425 |        | Silver  | 146 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 465 | Female | Spawner | 147 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 430 |        | Silver  | 148 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 505 | Male   | Spawner | 149 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 530 | Female | Spawner | 150 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 490 | Female | Spawner | 151 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 430 |        | Silver  | 152 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 400 |        | Silver  | 153 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 560 | Male   | Spawner | 154 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 560 |        | Silver  | 155 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 485 | Female | Spawner | 156 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 470 | Female | Spawner | 157 | No   |                      | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 470 |        | Silver  | 158 | No   |                      | Red | Zone 1 |

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|            |           |   |     |        |         |         |      |                 |     |        |
|------------|-----------|---|-----|--------|---------|---------|------|-----------------|-----|--------|
| Anadromous | 19-Sep-10 | 5 | 500 |        | Silver  | 159     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 490 | Female | Spawner | 160     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 500 |        | Silver  | 161     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 470 |        | Silver  | 162     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 480 |        | Silver  | 163     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 475 |        | Silver  | 164     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 435 |        | Silver  | 165     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 550 |        | Silver  | 166     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 475 | Female | Spawner | 167     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 550 |        | Silver  | 168     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 560 |        | Silver  | 169     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 560 |        | Silver  | 170     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 535 | Female | Spawner | 171     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 425 | Female | Spawner | 172     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 545 |        | Silver  | 173     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 420 | Female | Spawner | 174     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 485 | Female | Spawner | 175     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 460 | Female | Spawner | 176     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 465 | Male   | Spawner | 177     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 575 |        | Silver  | 178     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 500 | Female | Spawner | 179     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 540 |        | Silver  | 180     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 530 | Male   | Spawner | 181     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 530 |        | Silver  | 182     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 330 |        | Silver  | 183     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 510 |        | Silver  | 184     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 420 | Female | Spawner | 185     | No   |                 | Red | Zone 1 |
| Anadromous | 19-Sep-10 | 5 | 620 |        | Silver  | 186     | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 485 | Female | Spawner | 188     | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 500 | Male   | Spawner | 189     | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 570 | Male   | Spawner | 190_191 | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 620 | Male   | Spawner | 192     | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 560 | Male   | Spawner | 193     | scar | Anterior dorsal | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 450 | Male   | Spawner | 194     | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 550 | Female | Spawner | 195     | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 480 | Male   | Spawner | 196     | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 580 | Male   | Spawner | 197     | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 485 | Female | Spawner | 198     | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 475 | Male   | Spawner | 199     | No   |                 | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 500 | Male   | Spawner | 200     | No   |                 | Red | Zone 1 |

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|            |           |   |     |        |         |        |    |     |        |
|------------|-----------|---|-----|--------|---------|--------|----|-----|--------|
| Anadromous | 24-Sep-10 | 6 | 465 | Female | Spawner | 202    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 525 | Female | Spawner | 203    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 440 | Female | Spawner | 204    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 480 | Female | Spawner | 205    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 465 | Female | Spawner | 206    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 6 | 510 | Female | Spawner | 201    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 7 | 660 | Male   | Spawner | 207    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 7 | 500 | Female | Spawner | 208    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 7 | 490 | Male   | Spawner | 209    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 7 | 465 | Male   | Spawner | 210    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 7 | 450 | Female | Spawner | 211    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 7 | 480 | Male   | Spawner | 212    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 8 | 425 |        | Silver  | 214    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 8 | 310 |        | Silver  | 215    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 8 | 345 |        | Silver  | 216    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 8 | 500 |        | Silver  | 217    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 8 | 485 |        | Silver  | 218    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 8 | 315 |        | Silver  | 219    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 8 | 515 |        | Silver  | 220    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 8 | 485 |        | Silver  | 221    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 8 | 325 |        | Silver  | 222    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 305 |        | Silver  | No tag | No |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 285 |        | Silver  | No tag | No |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 540 |        | Silver  | 223    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 390 | Female | Spawner | 224    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 455 |        | Silver  | 225    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 545 |        | Silver  | 226    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 290 |        | Silver  | No tag | No |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 370 |        | Silver  | 227    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 435 |        | Silver  | 228    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 340 |        | Silver  | 229    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 365 |        | Silver  | 230    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 365 |        | Silver  | 231    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 300 |        | Silver  | No tag | No |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 460 |        | Silver  | 232    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 420 |        | Silver  | 233    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 495 |        | Silver  | 234    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 460 |        | Silver  | 237    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 505 |        | Silver  | 238    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 605 |        | Silver  | 239    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9 | 380 |        | Silver  | 240    | No | Red | Zone 1 |

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|------------|-----------|----|-----|-----------------|--------|-------|--------------------|-----|--------|
| Anadromous | 24-Sep-10 | 9  | 430 | Silver          | 241    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 400 | Silver          | 242    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 330 | Silver          | 243    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 305 | Silver          | No tag | No    |                    |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 395 | Silver          | 244    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 370 | Silver          | 245    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 395 | Silver          | 246    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 495 | Silver          | 247    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 380 | Silver          | 248    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 330 | Silver          | 249    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 450 | Silver          | 250    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 315 | Silver          | 251    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 450 | Silver          | 252    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 500 | Silver          | 253    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 435 | Silver          | 254    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 320 | Silver          | 255    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 540 | Silver          | 256    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 565 | Silver          | 257    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 480 | Silver          | 258    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 345 | Silver          | 259    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 290 | Silver          | No tag | No    |                    |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 340 | Silver          | 260    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 445 | Silver          | 261    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 415 | Silver          | 262    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 450 | Silver          | 263    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 355 | Silver          | 264    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 400 | Silver          | 265    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 305 | Silver          | No tag | No    |                    |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 315 | Silver          | 266    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 350 | Silver          | 267    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 280 | Silver          | No tag | No    |                    |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 520 | Silver          | 268    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 305 | Silver          | No tag | No    |                    |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 345 | Silver          | 269    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 470 | Silver          | 270    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 290 | Silver          | No tag | No    |                    |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 295 | Silver          | No tag | No    |                    |     | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 390 | Silver          | 271    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 9  | 355 | Silver          | 272    | No    |                    | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 710 | Male<br>Spawner | 273    | wound | Anterior<br>dorsal | Red | Zone 1 |

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|------------|-----------|----|-----|--------|---------|--------|----|-----|--------|
| Anadromous | 24-Sep-10 | 10 | 545 | Male   | Spawner | 274    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 600 | Male   | Spawner | 275    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 535 | Female | Spawner | 276    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 555 | Male   | Spawner | 277    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 575 | Male   | Spawner | 278    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 465 | Female | Spawner | 279    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 480 | Female | Spawner | 280    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 530 | Male   | Spawner | 281    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 535 | Female | Spawner | 282    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 295 |        | Silver  | No tag | No |     | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 445 | Female | Spawner | 283    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 510 | Female | Spawner | 284    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 430 | Male   | Spawner | 285    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 10 | 430 | Female | Spawner | 286    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 460 |        | Silver  | 287    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 530 |        | Silver  | 288    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 485 | Male   | Spawner | 289    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 540 |        | Silver  | 290    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 445 |        | Silver  | 291    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 480 |        | Silver  | 292    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 465 |        | Silver  | 293    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 370 |        | Silver  | 294    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 535 |        | Silver  | 295    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 475 |        | Silver  | 296    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 435 |        | Silver  | 297    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 465 | Female | Spawner | 298    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 500 |        | Silver  | 299    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 425 |        | Silver  | 300    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 540 |        | Silver  | 301    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 470 |        | Silver  | 302    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 375 |        | Silver  | 303    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 400 |        | Silver  | 304    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 405 |        | Silver  | 305    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 355 |        | Silver  | 306    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 465 |        | Silver  | 307    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 540 |        | Silver  | 308    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 530 | Female | Spawner | 309    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 490 |        | Silver  | 310    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 515 |        | Silver  | 311    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 420 |        | Silver  | 312    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 460 | Female | Spawner | 313    | No | Red | Zone 1 |

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| Anadromous | 24-Sep-10 | 11 | 320 |        | Silver  | 314    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 445 | Male   | Spawner | 315    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 480 | Female | Spawner | 316    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 610 | Male   | Spawner | 317    | Scar | Posterior ventral | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 460 | Female | Spawner | 318    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 485 | Female | Spawner | 319    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 460 | Female | Spawner | 320    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 435 |        | Silver  | 321    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 430 |        | Silver  | 322    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 465 | Female | Spawner | 323    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 465 | Female | Spawner | 324    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 460 | Female | Spawner | 325    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 455 | Female | Spawner | 326    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 470 |        | Silver  | 327    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 500 |        | Silver  | 328    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 515 | Female | Spawner | 329    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 505 |        | Silver  | 330    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 495 |        | Silver  | 331    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 335 |        | Silver  | 332    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 465 |        | Silver  | 333    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 400 |        | Silver  | 334    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 490 | Female | Spawner | 335    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 325 |        | Silver  | 336    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 450 |        | Silver  | 337    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 430 |        | Silver  | 338    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 475 |        | Silver  | 339    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 350 |        | Silver  | 340    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 520 | Female | Spawner | 341    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 460 | Female | Spawner | 342    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 490 | Female | Spawner | 343    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 390 |        | Silver  | 344    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 410 |        | Silver  | 345    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 450 |        | Silver  | 346    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 465 |        | Silver  | 347    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 415 |        | Silver  | 348    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 500 | Male   | Spawner | 349    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 490 |        | Silver  | 350    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 480 |        | Silver  | 351    | No   |                   | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 300 |        | Silver  | No tag | No   |                   |     | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 330 |        | Silver  | 352    | No   |                   | Red | Zone 1 |

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|            |           |    |     |        |         |        |    |     |        |
|------------|-----------|----|-----|--------|---------|--------|----|-----|--------|
| Anadromous | 24-Sep-10 | 11 | 480 | Female | Spawner | 353    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 460 | Female | Spawner | 354    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 470 |        | Silver  | 355    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 400 |        | Silver  | 356    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 280 |        | Silver  | No tag | No |     | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 460 |        | Silver  | 357    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 11 | 425 |        | Silver  | 358    | No | Red | Zone 1 |
| Resident   | 24-Sep-10 | 11 | 250 | Male   | Spawner |        |    |     | Zone 1 |
| Anadromous | 24-Sep-10 | 12 | 540 |        | Silver  | 359    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 12 | 300 |        | Silver  | No tag | No |     | Zone 1 |
| Anadromous | 24-Sep-10 | 13 | 560 |        | Silver  | 360    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 13 | 405 | Female | Spawner | 361    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 13 | 545 |        | Silver  | 362    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 13 | 475 | Female | Spawner | 363    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 13 | 450 |        | Silver  | 364    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 13 | 405 |        | Silver  | 365    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 13 | 460 |        | Silver  | 366    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 13 | 530 |        | Silver  | 367    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 13 | 540 |        | Silver  | 368    | No | Red | Zone 1 |
| Anadromous | 24-Sep-10 | 13 | 430 |        | Silver  | 369    | No | Red | Zone 1 |
| Anadromous | 26-Sep-10 | 14 | 530 | Male   | Spawner | 371    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 14 | 535 |        | Silver  | 372    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 325 |        | Silver  | 373    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 470 | Female | Spawner | 374    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 515 |        | Silver  | 375    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 505 |        | Silver  | 376    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 460 |        | Silver  | 377    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 475 |        | Silver  | 378    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 535 | Female | Spawner | 379    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 465 |        | Silver  | 380    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 370 |        | Silver  | 381    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 630 |        | Silver  | 382    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 545 |        | Silver  | 383    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 440 |        | Silver  | 384    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 285 |        | Silver  | No tag | No |     | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 570 |        | Silver  | 385    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 565 |        | Silver  | 386    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 485 | Female | Spawner | 387    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 345 |        | Silver  | 388    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 575 |        | Silver  | 389    | No | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 555 |        | Silver  | 390    | No | Red | Zone 2 |

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|            |           |    |     |        |         |        |      |                 |     |        |
|------------|-----------|----|-----|--------|---------|--------|------|-----------------|-----|--------|
| Anadromous | 26-Sep-10 | 15 | 525 |        | Silver  | 391    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 565 |        | Silver  | 392    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 350 |        | Silver  | 394    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 480 |        | Silver  | 395    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 535 |        | Silver  | 396    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 420 |        | Silver  | 397    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 350 |        | Silver  | 398    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 550 |        | Silver  | 399    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 540 |        | Silver  | 400    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 465 |        | Silver  | 393    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 460 | Female | Spawner | 187    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 450 |        | Silver  | 213    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 450 | Female | Spawner | 401    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 305 |        | Silver  | No tag | No   |                 |     | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 375 |        | Silver  | 402    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 490 |        | Silver  | 403    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 530 |        | Silver  | 404    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 510 |        | Silver  | 405    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 15 | 425 | Female | Spawner | 406    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 630 | Male   | Spawner | 407    | scar | Anterior dorsal | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 430 | Male   | Spawner | 408    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 465 | Male   | Spawner | 409    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 420 | Female | Spawner | 410    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 495 | Male   | Spawner | 411    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 500 | Female | Spawner | 412    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 555 | Male   | Spawner | 413    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 335 | Male   | Spawner | 414    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 610 | Female | Spawner | 415    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 475 | Female | Spawner | 416    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 580 | Male   | Spawner | 417    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 480 | Female | Spawner | 418    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 500 | Female | Spawner | 419    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 495 | Male   | Spawner | 420    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 570 | Female | Spawner | 421    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 470 | Female | Spawner | 422    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 440 | Female | Spawner | 423    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 460 | Female | Spawner | 424    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 475 | Female | Spawner | 425    | No   |                 | Red | Zone 2 |
| Anadromous | 26-Sep-10 | 16 | 490 | Male   | Spawner | 426    | No   |                 | Red | Zone 2 |
| Resident   | 26-Sep-10 | 16 | 165 | Male   | Spawner |        |      |                 |     | Zone 2 |

| Life history    | Date      | Seine # | Fork length (mm) | Sex    | Reprod. status | Tag ID | Injury | Injury location | Recapture | Recapture tag ID | Tag colour | Sampling area |
|-----------------|-----------|---------|------------------|--------|----------------|--------|--------|-----------------|-----------|------------------|------------|---------------|
| Resident        | 26-Sep-10 | 16      | 235              | Male   | Spawner        |        |        |                 |           |                  |            | Zone 2        |
| Resident        | 26-Sep-10 | 16      | 245              | Male   | Spawner        |        |        |                 |           |                  |            | Zone 2        |
| Resident        | 26-Sep-10 | 16      | 260              | Male   | Spawner        |        |        |                 |           |                  |            | Zone 2        |
| Anadromous      | 26-Sep-10 | 17      | 555              | Male   | Spawner        | 427    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 17      | 435              | Female | Spawner        | 428    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 17      | 500              | Male   | Spawner        | 429    | No     |                 |           |                  | Red        | Zone 2        |
| Freshwater juv. | 26-Sep-10 | 18      | 190              |        | Immature       |        | No     |                 |           |                  |            | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 480              | Female | Spawner        | 430    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 570              | Male   | Spawner        | 431    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 510              | Female | Spawner        | 432    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 535              | Female | Spawner        | 433    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 550              | Female | Spawner        | 434    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 470              | Female | Spawner        | 435    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 580              | Female | Spawner        | 436    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 465              | Female | Spawner        | 437    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 485              | Male   | Spawner        | 438    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 520              | Female | Spawner        | 439    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 505              | Male   | Spawner        | 440    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 470              | Female | Spawner        | 441    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 460              | Male   | Spawner        | 442    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 475              | Female | Spawner        | 443    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 520              | Female | Spawner        | 444    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 470              | Female | Spawner        | 445    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 565              | Male   | Spawner        | 446    | No     |                 |           |                  | Red        | Zone 2        |
| Anadromous      | 26-Sep-10 | 18      | 470              | Female | Spawner        | 447    | No     |                 |           |                  | Red        | Zone 2        |
| Resident        | 26-Sep-10 | 18      | 225              | Male   | Spawner        |        |        |                 |           |                  |            |               |
| Anadromous      | 19-Sep-11 | 1       | 530              | Female | Spawner        |        | No     |                 | Recapture | 45               | Red        | Zone 1        |
| Anadromous      | 19-Sep-11 | 1       | 550              | Female | Spawner        | 501    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 1       | 570              | Male   | Spawner        | 502    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 1       | 510              | Female | Spawner        | 503    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 1       | 485              | Female | Spawner        | 504    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 1       | 525              | Male   | Spawner        | 505    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 1       | 495              | Male   | Spawner        | 506    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 1       | 360              | Male   | Spawner        | 507    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 1       | 435              | Male   | Spawner        | 508    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 1       | 490              |        | Silver         | 509    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 1       | 370              |        | Silver         | 510    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 2       | 600              |        | Silver         | 511    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous      | 19-Sep-11 | 2       | 490              | Male   | Spawner        | 512    | No     |                 |           |                  | Grey       | Zone 1        |

|            |           |   |     |        |         |          |    |           |     |      |        |
|------------|-----------|---|-----|--------|---------|----------|----|-----------|-----|------|--------|
| Anadromous | 19-Sep-11 | 2 | 640 |        | Silver  |          | No | Recapture | 17  | Red  | Zone 1 |
| Anadromous | 19-Sep-11 | 2 | 540 | Female | Spawner | 513      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 2 | 510 | Male   | Spawner | 514      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 530 | Female | Spawner | 515      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 380 |        | Silver  | 516      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 430 |        | Silver  | 517      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 410 |        | Silver  | 518      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 430 | Female | Spawner | 519      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 480 |        | Silver  | 520      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 470 | Female | Spawner |          | No | Recapture | 65  | Red  | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 495 | Female | Spawner | 521      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 440 | Male   | Spawner | 522, 523 | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 570 |        | Silver  | 524      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 460 |        | Silver  | 525      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 350 |        | Silver  | 526      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 3 | 590 |        | Silver  | 527      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 630 |        | Silver  | 528      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 405 |        | Silver  | 529      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 605 |        | Silver  | 530      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 430 | Female | Spawner | 531      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 520 |        | Silver  | 532      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 340 |        | Silver  | 533      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 500 | Male   | Spawner | 534      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 475 |        | Silver  | 535      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 525 |        | Silver  | 536      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 585 |        | Silver  | 537      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 400 |        | Silver  | 538      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 395 |        | Silver  | 539      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 610 | Male   | Spawner | 540      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 290 |        | Silver  | No tag   | No |           |     |      | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 500 |        | Silver  | 541      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 380 |        | Silver  | 542      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 485 | Female | Spawner | 543      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 380 |        | Silver  | 544      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 560 |        | Silver  | 545      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 500 | Female | Spawner | 546      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 380 | Male   | Spawner | 547      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 465 | Female | Spawner | 548      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 535 | Female | Spawner | 549      | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 525 | Female | Spawner |          | No | Recapture | 284 | Red  | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 470 | Female | Spawner | 551      | No |           |     | Grey | Zone 1 |

| Life history | Date      | Seine # | Fork length (mm) | Sex    | Reprod. status | Tag ID | Injury | Injury location | Recapture | Recapture tag ID | Tag colour | Sampling area |
|--------------|-----------|---------|------------------|--------|----------------|--------|--------|-----------------|-----------|------------------|------------|---------------|
| Anadromous   | 19-Sep-11 | 4       | 610              |        | Silver         | 552    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 280              |        | Silver         | No tag | No     |                 |           |                  |            | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 480              | Female | Spawner        | 553    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 515              | Male   | Spawner        | 554    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 525              |        | Silver         | 555    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 295              |        | Silver         | No tag | No     |                 |           |                  |            | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 425              |        | Silver         | 556    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 490              |        | Silver         | 557    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 570              | Female | Spawner        | 558    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 460              | Female | Spawner        |        | No     |                 | Recapture | 286              | Red        | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 535              | Female | Spawner        |        | No     |                 | Recapture | 387              | Red        | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 510              | Male   | Spawner        | 559    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 600              |        | Silver         | 560    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 350              |        | Silver         | 561    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 470              | Male   | Spawner        | 562    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 340              |        | Silver         | 563    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 645              |        | Silver         | 564    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 480              |        | Silver         | 565    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 480              | Female | Spawner        | 566    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 300              |        | Silver         | 567    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 375              |        | Silver         | 568    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 395              |        | Silver         | 569    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 650              |        | Silver         | 570    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 280              |        | Silver         | No tag | No     |                 |           |                  |            | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 385              |        | Silver         | 571    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 485              | Female | Spawner        | 572    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 600              | Female | Spawner        | 573    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 420              |        | Silver         | 574    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 400              |        | Silver         | 575    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 295              |        | Silver         | No tag | No     |                 |           |                  |            | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 275              |        | Silver         | No tag | No     |                 |           |                  |            | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 445              |        | Silver         | 576    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 275              |        | Silver         | No tag | No     |                 |           |                  |            | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 365              |        | Silver         | 577    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 405              |        | Silver         | 578    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 370              |        | Silver         | 579    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 555              |        | Silver         | 580    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 530              |        | Silver         | 581    | No     |                 |           |                  | Grey       | Zone 1        |
| Anadromous   | 19-Sep-11 | 4       | 550              |        | Silver         | 582    | No     |                 |           |                  | Grey       | Zone 1        |

|            |           |   |     |        |         |        |    |           |     |      |        |
|------------|-----------|---|-----|--------|---------|--------|----|-----------|-----|------|--------|
| Anadromous | 19-Sep-11 | 4 | 465 | Female | Spawner | 583    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 400 |        | Silver  | 584    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 4 | 490 |        | Silver  |        | No | Recapture | 428 | Red  | Zone 1 |
| Anadromous | 19-Sep-11 | 5 | 265 |        | Silver  | No tag | No |           |     |      | Zone 1 |
| Anadromous | 19-Sep-11 | 5 | 300 |        | Silver  | No tag | No |           |     |      | Zone 1 |
| Anadromous | 19-Sep-11 | 5 | 440 |        | Silver  | 585    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 5 | 415 |        | Silver  | 586    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 5 | 365 |        | Silver  | 587    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 5 | 325 |        | Silver  | 588    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 6 | 380 | Female | Spawner | 589    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 6 | 395 |        | Silver  | 590    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 6 | 370 |        | Silver  | 591    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 6 | 610 |        | Silver  | 592    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 7 | 415 |        | Silver  | 593    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 7 | 440 |        | Silver  | 594    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 7 | 315 |        | Silver  | 595    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 7 | 370 |        | Silver  | 596    | No |           |     | Grey | Zone 1 |
| Anadromous | 19-Sep-11 | 7 | 330 |        | Silver  | 597    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 460 | Female | Spawner | 598    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 450 |        | Silver  | 599    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 290 |        | Silver  | 600    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 270 |        | Silver  | No tag | No |           |     |      | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 645 | Male   | Spawner | 601    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 475 | Female | Spawner | 602    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 595 |        | Silver  | 603    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 500 |        | Silver  | 604    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 595 |        | Silver  |        | No | Recapture | 226 | Red  | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 590 | Female | Spawner | 605    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 390 |        | Silver  | 606    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 355 |        | Silver  | 607    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 405 |        | Silver  | 608    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 675 |        | Silver  | 609    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 510 |        | Silver  | 610    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 360 |        | Silver  | 611    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 515 | Female | Spawner | 612    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 545 |        | Silver  | 613    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 455 |        | Silver  | 614    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 510 | Female | Spawner | 615    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 405 |        | Silver  | 616    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 365 |        | Silver  | 617    | No |           |     | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 495 | Female | Spawner | 618    | No |           |     | Grey | Zone 1 |

|            |           |   |     |        |         |        |    |  |      |        |
|------------|-----------|---|-----|--------|---------|--------|----|--|------|--------|
| Anadromous | 28-Sep-11 | 8 | 390 |        | Silver  | 619    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 305 |        | Silver  | 620    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 485 | Female | Spawner | 621    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 385 |        | Silver  | 622    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 370 |        | Silver  | 623    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 510 | Female | Spawner | 624    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 435 |        | Silver  | 625    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 610 |        | Silver  | 626    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 280 |        | Silver  | No tag | No |  |      | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 610 |        | Silver  | 627    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 450 | Female | Spawner | 628    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 295 |        | Silver  | No tag | No |  |      | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 275 |        | Silver  | No tag | No |  |      | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 515 |        | Silver  | 629    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 445 | Female | Spawner | 630    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 300 |        | Silver  | 631    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 385 |        | Silver  | 632    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 375 |        | Silver  | 633    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 350 |        | Silver  | 634    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 490 | Female | Spawner | 635    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 340 |        | Silver  | 636    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 500 |        | Silver  | 637    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 420 |        | Silver  | 638    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 405 | Female | Spawner | 639    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 500 |        | Silver  | 640    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 400 |        | Silver  | 641    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 540 |        | Silver  | 642    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 405 |        | Silver  | 643    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 565 |        | Silver  | 644    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 425 |        | Silver  | 645    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 275 |        | Silver  | No tag | No |  |      | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 380 |        | Silver  | 646    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 400 |        | Silver  | 647    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 590 | Male   | Spawner | 649    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 280 |        | Silver  | No tag | No |  |      | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 520 |        | Silver  | 650    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 405 |        | Silver  | 651    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 330 |        | Silver  | 652    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 300 |        | Silver  | 653    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 340 |        | Silver  | 654    | No |  | Grey | Zone 1 |
| Anadromous | 28-Sep-11 | 8 | 430 | Female | Spawner | 655    | No |  | Grey | Zone 1 |



|            |           |    |     |        |         |        |      |                   |           |      |        |        |
|------------|-----------|----|-----|--------|---------|--------|------|-------------------|-----------|------|--------|--------|
| Anadromous | 28-Sep-11 | 8  | 335 |        | Silver  | 656    | No   |                   |           | Grey | Zone 1 |        |
| Anadromous | 28-Sep-11 | 8  | 385 | Male   | Spawner | 657    | No   |                   |           | Grey | Zone 1 |        |
| Anadromous | 28-Sep-11 | 8  | 370 |        | Silver  | 658    | No   |                   |           | Grey | Zone 1 |        |
| Anadromous | 28-Sep-11 | 8  | 275 |        | Silver  | No tag | No   |                   |           |      | Zone 1 |        |
| Anadromous | 28-Sep-11 | 9  | 625 |        | Silver  |        | Scar | Anterior dorsal   | Recapture | 127  | Red    | Zone 1 |
| Anadromous | 28-Sep-11 | 9  | 580 |        | Silver  | 659    | No   |                   |           | Grey | Zone 1 |        |
| Anadromous | 28-Sep-11 | 9  | 550 | Female | Spawner | 660    | Scar | Posterior ventral |           |      | Grey   | Zone 1 |
| Anadromous | 28-Sep-11 | 9  | 405 |        | Silver  | 661    | No   |                   |           | Grey | Zone 1 |        |
| Anadromous | 28-Sep-11 | 9  | 515 |        | Silver  | 662    | No   |                   |           | Grey | Zone 1 |        |
| Anadromous | 28-Sep-11 | 9  | 380 |        | Silver  | 663    | No   |                   |           | Grey | Zone 1 |        |
| Anadromous | 28-Sep-11 | 9  | 380 |        | Silver  | 664    | No   |                   |           | Grey | Zone 1 |        |
| Anadromous | 28-Sep-11 | 9  | 365 |        | Silver  | 665    | No   |                   |           | Grey | Zone 1 |        |
| Anadromous | 28-Sep-11 | 9  | 295 |        | Silver  | 666    | No   |                   |           | Grey | Zone 1 |        |
| Anadromous | 28-Sep-11 | 9  | 290 |        | Silver  | No tag | No   |                   |           |      | Zone 1 |        |
| Anadromous | 28-Sep-11 | 10 | 575 | Female | Spawner | 667    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 635 | Male   | Spawner | 668    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 475 | Male   | Spawner | 669    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 645 | Male   | Spawner | 670    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 605 | Male   | Spawner | 671    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 580 | Female | Spawner | 672    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 595 | Male   | Spawner | 673    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 470 | Female | Spawner | 674    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 260 |        | Silver  | No tag | No   |                   |           |      | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 595 | Female | Spawner | 675    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 510 | Female | Spawner |        | No   |                   | Recapture | 415  | Red    | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 290 |        | Silver  | No tag | No   |                   |           |      | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 520 | Male   | Spawner | 676    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 605 | Male   | Spawner | 677    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 480 | Female | Spawner | 678    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 520 | Female | Spawner | 679    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 520 | Female | Spawner | 680    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 485 | Female | Spawner |        | No   |                   | Recapture | 202  | Red    | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 515 | Female | Spawner | 681    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 530 | Female | Spawner | 682    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 495 | Female | Spawner | 683    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 565 | Male   | Spawner | 684    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 575 | Male   | Spawner | 685    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 540 | Male   | Spawner | 686    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 495 | Female | Spawner | 687    | No   |                   |           | Grey | Zone 2 |        |
| Anadromous | 28-Sep-11 | 10 | 465 | Female | Spawner | 688    | No   |                   |           | Grey | Zone 2 |        |

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|            |           |    |     |        |         |        |    |      |        |
|------------|-----------|----|-----|--------|---------|--------|----|------|--------|
| Anadromous | 28-Sep-11 | 10 | 555 | Female | Spawner | 689    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 600 | Male   | Spawner | 690    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 500 | Female | Spawner | 691    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 500 | Male   | Spawner | 692    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 615 | Male   | Spawner | 693    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 500 | Female | Spawner | 694    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 525 | Female | Spawner | 695    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 580 | Male   | Spawner | 696    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 520 | Female | Spawner | 697    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 510 | Female | Spawner | 698    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 490 | Female | Spawner | 699    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 470 | Female | Spawner | 700    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 280 |        | Silver  | No tag | No |      | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 535 | Female | Spawner | 701    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 525 | Female | Spawner | 702    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 500 | Female | Spawner | 703    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 500 | Female | Spawner | 704    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 535 | Female | Spawner | 705    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 545 | Male   | Spawner | 706    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 540 | Female | Spawner | 707    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 530 | Male   | Spawner | 708    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 585 | Male   | Spawner | 709    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 500 | Female | Spawner | 710    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 510 | Female | Spawner | 711    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 600 | Male   | Spawner | 712    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 605 | Male   | Spawner | 713    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 490 | Female | Spawner | 714    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 430 | Female | Spawner | 715    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 520 | Female | Spawner | 717    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 490 | Female | Spawner | 718    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 475 | Female | Spawner | 719    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 480 | Female | Spawner | 720    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 520 | Female | Spawner | 721    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 525 | Female | Spawner | 722    | No | Grey | Zone 2 |
| Anadromous | 28-Sep-11 | 10 | 580 | Male   | Spawner | 723    | No | Grey | Zone 2 |
| Resident   | 28-Sep-11 | 10 | 270 | Male   | Spawner |        |    |      | Zone 2 |
| Resident   | 28-Sep-11 | 10 | 190 | Male   | Spawner |        |    |      | Zone 2 |
| Resident   | 28-Sep-11 | 10 | 185 | Male   | Spawner |        |    |      | Zone 2 |
| Resident   | 28-Sep-11 | 10 | 260 | Male   | Spawner |        |    |      | Zone 2 |
| Resident   | 28-Sep-11 | 10 | 285 | Male   | Spawner |        |    |      | Zone 2 |
| Anadromous | 28-Sep-11 | 11 | 570 | Male   | Spawner | 724    | No | Grey | Zone 2 |

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|-----------------|-----------|----|-----|--------|----------|------|----|-------|--------|
| Anadromous      | 28-Sep-11 | 11 | 530 | Male   | Spawner  | 725  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 480 | Female | Spawner  | 726  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 520 | Female | Spawner  | 727  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 540 | Female | Spawner  | 729  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 530 | Female | Spawner  | 730  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 480 | Male   | Spawner  | 731  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 580 | Male   | Spawner  | 732  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 510 | Female | Spawner  | 733  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 610 | Female | Spawner  | 734  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 530 | Female | Spawner  | 735  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 530 | Male   | Spawner  | 736  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 490 | Female | Spawner  | 737  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 560 | Male   | Spawner  | 738  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 490 | Female | Spawner  | 739  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 380 | Male   | Spawner  | 740  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 605 | Male   | Spawner  | 741  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 490 | Female | Spawner  | 742  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 505 | Female | Spawner  | 743  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 460 | Female | Spawner  | 744  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 520 | Female | Spawner  | 746  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 510 | Male   | Spawner  | 747  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 480 | Female | Spawner  | 748  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 635 | Male   | Spawner  | 749  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 385 | Male   | Spawner  | 750  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 485 | Male   | Spawner  | 751  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 550 | Male   | Spawner  | 752  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 540 | Female | Spawner  | 753  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 620 | Male   | Spawner  | 754  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 525 | Female | Spawner  | 755  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 530 | Female | Spawner  | 756  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 455 | Female | Spawner  | 757  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 420 | Male   | Spawner  | 758  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 615 | Male   | Spawner  | 759  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 530 | Female | Spawner  | 760  | No | Grey  | Zone 2 |
| Freshwater juv. | 28-Sep-11 | 11 | 190 |        | Immature |      | No |       | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 450 | Female | Spawner  | 761  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 345 | Male   | Spawner  | 762  | No | Grey  | Zone 2 |
| Anadromous      | 28-Sep-11 | 11 | 490 | Female | Spawner  | 763  | No | Grey  | Zone 2 |
| Anadromous      | 21-Sep-12 | 2  | 600 | Male   | Spawner  | 1064 | No | Brown | Zone 1 |
| Anadromous      | 21-Sep-12 | 2  | 450 | Female | Spawner  | 1065 | No | Brown | Zone 1 |
| Anadromous      | 21-Sep-12 | 2  | 480 | Female | Spawner  | 1066 | No | Brown | Zone 1 |

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|------------|-----------|---|-----|--------|---------|------|----|-----------|-------|--------|--------|
| Anadromous | 21-Sep-12 | 2 | 390 |        | Silver  | 1067 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 440 |        | Silver  | 1068 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 465 |        | Silver  | 1069 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 530 | Female | Spawner | 1070 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 490 |        | Silver  | 1071 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 450 | Female | Spawner | 1072 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 410 |        | Silver  | 1073 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 370 |        | Silver  | 1074 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 380 |        | Silver  | 1075 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 615 | Female | Spawner | 1076 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 565 | Female | Spawner | 1077 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 515 | Female | Spawner | 1078 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 450 |        | Silver  | 1079 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 520 | Female | Spawner | 1080 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 410 |        | Silver  | 1081 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 390 |        | Silver  | 1082 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 470 | Female | Spawner | 1083 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 480 |        | Silver  | 1084 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 395 | Female | Spawner | 1085 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 390 |        | Silver  | 1086 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 525 |        | Silver  | 1087 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 385 |        | Silver  | 1088 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 640 | Male   | Spawner | 1089 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 510 |        | Silver  | 1090 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 460 |        | Silver  | 1091 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 580 | Male   | Spawner |      | No | Recapture | 380   | Red    | Zone 1 |
| Anadromous | 21-Sep-12 | 2 | 500 |        | Silver  | 1092 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 410 |        | Silver  | 1093 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 380 |        | Silver  | 1094 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 465 |        | Silver  | 1095 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 500 | Female | Spawner | 1096 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 560 |        | Silver  | 1097 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 430 | Female | Spawner | 1098 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 2 | 490 | Female | Spawner | 1099 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 500 |        | Silver  | 1100 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 465 |        | Silver  | 1101 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 350 |        | Silver  | 1102 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 490 |        | Silver  | 1103 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 470 |        | Silver  | 1104 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 490 | Male   | Spawner | 1105 | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 390 |        | Silver  | 1106 | No |           | Brown | Zone 1 |        |

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|------------|-----------|---|-----|--------|---------|--------|----|-------|--------|
| Anadromous | 21-Sep-12 | 3 | 465 |        | Silver  | 1107   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 420 |        | Silver  | 1108   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 460 | Female | Spawner | 1109   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 410 | Female | Spawner | 1110   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 620 |        | Silver  | 1111   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 390 |        | Silver  | 1112   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 510 |        | Silver  | 1113   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 365 |        | Silver  | 1114   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 435 |        | Silver  | 1115   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 385 |        | Silver  | 1116   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 430 |        | Silver  | 1117   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 480 |        | Silver  | 1118   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 385 |        | Silver  | 1119   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 450 |        | Silver  | 1120   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 530 |        | Silver  | 1121   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 490 | Male   | Spawner | 1122   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 430 |        | Silver  | 1123   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 385 |        | Silver  | 1124   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 560 |        | Silver  | 1125   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 460 |        | Silver  | 1126   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 585 |        | Silver  | 1127   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 480 |        | Silver  | 1128   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 540 | Female | Spawner | 1129   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 500 | Female | Spawner | 1130   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 515 |        | Silver  | 1131   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 530 | Female | Spawner | 1132   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 430 |        | Silver  | 1133   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 340 |        | Silver  | 1134   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 360 |        | Silver  | 1135   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 375 |        | Silver  | 1136   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 395 |        | Silver  | 1137   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 440 |        | Silver  | 1138   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 465 | Male   | Spawner | 1139   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 505 |        | Silver  | 1140   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 540 |        | Silver  | 1141   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 460 |        | Silver  | 1142   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 505 |        | Silver  | 1143   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 295 |        | Silver  | No tag | No |       | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 605 |        | Silver  | 1144   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 610 |        | Silver  | 1145   | No | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 590 |        | Silver  | 1146   | No | Brown | Zone 1 |

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|------------|-----------|---|-----|--------|---------|------|-------|------------------|-----|-------|--------|
| Anadromous | 21-Sep-12 | 3 | 470 |        | Silver  | 1147 | Scar  | Anterior ventral |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 510 |        | Silver  | 1148 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 410 |        | Silver  | 1149 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 490 |        | Silver  | 1150 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 510 |        | Silver  | 1151 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 370 |        | Silver  | 1152 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 385 |        | Silver  | 1153 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 390 |        | Silver  | 1154 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 400 |        | Silver  | 1155 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 510 |        | Silver  | 1156 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 480 |        | Silver  | 1157 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 535 | Male   | Spawner | 1158 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 355 | Male   | Spawner | 1159 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 380 |        | Silver  | 1160 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 410 |        | Silver  | 1161 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 450 |        | Silver  | 1162 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 490 | Female | Spawner | 1163 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 560 |        | Silver  | 1164 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 660 |        | Silver  |      | No    | Recapture        | 671 | Grey  | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 705 |        | Silver  | 1165 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 380 |        | Silver  | 1166 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 465 | Female | Spawner | 1167 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 500 |        | Silver  | 1168 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 510 | Female | Spawner | 1169 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 510 | Female | Spawner | 1170 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 450 |        | Silver  | 1171 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 480 | Female | Spawner | 1172 | Wound | Anterior dorsal  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 460 |        | Silver  | 1173 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 425 |        | Silver  | 1174 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 390 |        | Silver  | 1175 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 385 |        | Silver  | 1176 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 470 | Female | Spawner |      | No    | Recapture        | 651 | Grey  | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 395 |        | Silver  | 1177 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 540 | Female | Spawner | 1178 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 485 |        | Silver  | 1179 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 445 | Male   | Spawner | 1180 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 425 |        | Silver  | 1181 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 510 | Male   | Spawner | 1182 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 515 | Female | Spawner | 1183 | No    |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 430 |        | Silver  | 1184 | No    |                  |     | Brown | Zone 1 |

|            |           |   |     |        |         |        |    |           |       |        |        |
|------------|-----------|---|-----|--------|---------|--------|----|-----------|-------|--------|--------|
| Anadromous | 21-Sep-12 | 3 | 405 |        | Silver  | 1185   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 510 |        | Silver  | 1186   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 350 |        | Silver  | 1187   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 545 | Female | Spawner |        | No | Recapture | 114   | Red    | Zone 1 |
| Anadromous | 21-Sep-12 | 3 | 415 |        | Silver  | 1188   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 410 |        | Silver  | 1189   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 330 |        | Silver  | 1190   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 415 |        | Silver  | 1191   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 570 |        | Silver  | 1192   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 405 |        | Silver  | 1193   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 340 |        | Silver  | 1194   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 315 |        | Silver  | 1195   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 430 | Female | Spawner | 1196   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 475 |        | Silver  | 1197   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 410 |        | Silver  | 1198   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 360 |        | Silver  | 1199   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 400 |        | Silver  | 1200   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 425 |        | Silver  | 1201   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 380 |        | Silver  | 1202   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 380 |        | Silver  | 1203   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 3 | 410 |        | Silver  | 1204   | No |           | Brown | Zone 1 |        |
| Resident   | 21-Sep-12 | 3 | 370 | Female | Spawner |        |    |           |       |        | Zone 1 |
| Resident   | 21-Sep-12 | 3 | 230 | Male   | Spawner |        |    |           |       |        | Zone 1 |
| Anadromous | 21-Sep-12 | 4 | 500 |        | Silver  | 1205   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 390 |        | Silver  | 1206   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 385 |        | Silver  | 1207   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 355 |        | Silver  | 1208   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 390 |        | Silver  | 1209   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 340 |        | Silver  | 1210   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 665 |        | Silver  | 1211   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 455 |        | Silver  | 1212   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 455 |        | Silver  | 1213   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 395 |        | Silver  | 1214   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 400 |        | Silver  | 1215   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 350 |        | Silver  | 1216   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 415 |        | Silver  | 1217   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 500 |        | Silver  | 1218   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 410 |        | Silver  | 1219   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 335 | Male   | Spawner | 1220   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 400 |        | Silver  | 1221   | No |           | Brown | Zone 1 |        |
| Anadromous | 21-Sep-12 | 4 | 280 |        | Silver  | No tag | No |           |       |        | Zone 1 |

|            |           |   |     |        |         |        |      |                  |     |       |        |
|------------|-----------|---|-----|--------|---------|--------|------|------------------|-----|-------|--------|
| Anadromous | 21-Sep-12 | 4 | 325 |        | Silver  | 1222   | No   |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 4 | 390 |        | Silver  | 1223   | No   |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 4 | 390 |        | Silver  | 1224   | No   |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 4 | 435 |        | Silver  | 1225   | No   |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 4 | 290 |        | Silver  | No tag | No   |                  |     |       | Zone 1 |
| Anadromous | 21-Sep-12 | 4 | 470 |        | Silver  | 1226   | No   |                  |     | Brown | Zone 1 |
| Anadromous | 21-Sep-12 | 5 | 690 | Male   | Spawner |        | No   | Recapture        | 192 | Red   | Zone 2 |
| Anadromous | 21-Sep-12 | 5 | 560 | Female | Spawner | 1227   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 5 | 630 | Male   | Spawner | 1228   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 5 | 475 | Female | Spawner | 1229   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 5 | 495 | Female | Spawner | 1230   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 5 | 480 | Female | Spawner | 1231   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 5 | 540 | Female | Spawner | 1232   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 5 | 575 | Female | Spawner | 1233   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 5 | 515 | Female | Spawner | 1234   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 5 | 585 | Female | Spawner | 1235   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 5 | 630 | Male   | Spawner | 1236   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 685 | Male   | Spawner | 1237   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 540 | Female | Spawner | 1238   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 615 | Female | Spawner | 1239   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 440 | Male   | Spawner | 1240   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 650 | Male   | Spawner | 1241   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 480 | Male   | Spawner | 1242   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 645 | Male   | Spawner | 1243   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 570 | Female | Spawner |        | No   | Recapture        | 682 | Grey  | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 505 | Female | Spawner | 1244   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 520 | Female | Spawner | 1245   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 620 | Male   | Spawner | 1246   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 500 | Female | Spawner | 1247   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 625 | Male   | Spawner | 1248   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 635 | Male   | Spawner | 1249   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 520 | Female | Spawner | 1250   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 510 | Male   | Spawner | 1251   | Scar | Posterior dorsal |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 555 | Male   | Spawner | 1252   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 665 | Male   | Spawner | 1253   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 620 | Male   | Spawner | 1254   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 640 | Male   | Spawner | 1255   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 530 | Male   | Spawner | 1256   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 640 | Male   | Spawner | 1257   | No   |                  |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 580 | Male   | Spawner | 1258   | No   |                  |     | Brown | Zone 2 |



|            |           |   |     |        |         |      |    |           |     |       |        |
|------------|-----------|---|-----|--------|---------|------|----|-----------|-----|-------|--------|
| Anadromous | 21-Sep-12 | 6 | 580 | Female | Spawner | 1260 | No |           |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 525 | Female | Spawner | 1259 | No |           |     | Brown | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 565 | Male   | Spawner |      | No | Recapture | 725 | Grey  | Zone 2 |
| Anadromous | 21-Sep-12 | 6 | 545 | Female | Spawner |      | No | Recapture | 698 | Grey  | Zone 2 |
| Resident   | 21-Sep-12 | 6 | 260 | Male   | Spawner |      |    |           |     |       | Zone 2 |
| Resident   | 21-Sep-12 | 6 | 230 | Male   | Spawner |      |    |           |     |       | Zone 2 |
| Resident   | 21-Sep-12 | 6 | 280 | Male   | Spawner |      |    |           |     |       | Zone 2 |
| Resident   | 21-Sep-12 | 6 | 280 | Male   | Spawner |      |    |           |     |       | Zone 2 |
| Anadromous | 22-Sep-12 | 7 | 450 |        | Silver  | 1261 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 380 |        | Silver  | 1262 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 505 |        | Silver  | 1263 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 505 | Male   | Spawner | 1264 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 365 |        | Silver  | 1265 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 475 | Female | Spawner | 1266 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 605 | Male   | Spawner | 1267 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 505 |        | Silver  | 1268 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 470 | Female | Spawner | 1269 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 560 | Male   | Spawner | 1270 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 435 |        | Silver  | 1271 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 435 | Male   | Spawner | 1272 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 530 | Female | Spawner | 1273 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 635 | Male   | Spawner | 1274 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 325 |        | Silver  | 1275 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 380 |        | Silver  | 1276 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 405 | Male   | Spawner | 1277 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 360 |        | Silver  | 1278 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 350 |        | Silver  | 1279 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 545 | Female | Spawner | 1280 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 405 |        | Silver  | 1281 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 430 |        | Silver  | 1282 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 350 |        | Silver  | 1283 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 395 |        | Silver  | 1284 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 320 |        | Silver  | 1285 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 7 | 385 |        | Silver  | 1286 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8 | 555 | Male   | Spawner | 1287 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8 | 490 |        | Silver  | 1288 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8 | 510 |        | Silver  | 1289 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8 | 675 |        | Silver  | 1290 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8 | 505 |        | Silver  | 1291 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8 | 490 |        | Silver  | 1292 | No |           |     | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8 | 380 | Male   | Spawner | 1293 | No |           |     | Brown | Zone 1 |

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|            |           |    |     |        |         |        |    |  |       |        |
|------------|-----------|----|-----|--------|---------|--------|----|--|-------|--------|
| Anadromous | 22-Sep-12 | 8  | 490 |        | Silver  | 1294   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 485 |        | Silver  | 1295   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 650 |        | Silver  | 1296   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 550 |        | Silver  | 1297   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 405 |        | Silver  | 1298   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 490 |        | Silver  | 1299   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 610 | Female | Spawner | 1300   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 415 |        | Silver  | 1301   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 510 | Female | Spawner | 1302   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 360 |        | Silver  | 1303   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 565 | Female | Spawner | 1304   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 440 |        | Silver  | 1305   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 400 |        | Silver  | 1306   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 380 |        | Silver  | 1307   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 375 |        | Silver  | 1308   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 320 |        | Silver  | 1309   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 415 | Female | Spawner | 1310   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 8  | 375 |        | Silver  | 1311   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 9  | 410 |        | Silver  | No tag | No |  |       | Zone 1 |
| Anadromous | 22-Sep-12 | 9  | 380 |        | Silver  | 1312   | No |  | Brown | Zone 1 |
| Anadromous | 22-Sep-12 | 10 | 650 | Female | Spawner | 1313   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 525 | Female | Spawner | 1314   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 480 | Male   | Spawner | 1315   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 625 | Female | Spawner | 1316   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 545 | Female | Spawner | 1317   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 535 | Female | Spawner | 1318   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 305 |        | Silver  | No tag | No |  |       | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 530 | Female | Spawner | 1319   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 450 | Male   | Spawner | 1320   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 445 | Female | Spawner | 1321   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 565 | Female | Spawner | 1322   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 540 | Female | Spawner | 1323   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 560 | Female | Spawner | 1324   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 540 | Female | Spawner | 1325   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 600 | Female | Spawner | 1326   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 530 | Female | Spawner | 1327   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 10 | 655 | Male   | Spawner | 1328   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 11 | 660 | Male   | Spawner | 1329   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 11 | 475 | Male   | Spawner | 1330   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 11 | 535 | Female | Spawner | 1331   | No |  | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 11 | 700 | Male   | Spawner | 1332   | No |  | Brown | Zone 2 |

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|            |           |    |     |        |         |        |    |           |       |        |        |
|------------|-----------|----|-----|--------|---------|--------|----|-----------|-------|--------|--------|
| Anadromous | 22-Sep-12 | 11 | 560 | Female | Spawner | 1333   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 11 | 680 | Male   | Spawner | 1334   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 11 | 665 | Male   | Spawner | 1335   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 11 | 490 | Female | Spawner | 1336   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 11 | 490 | Female | Spawner | 1337   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 11 | 540 | Female | Spawner | 1338   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 11 | 550 | Male   | Spawner | 1339   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 11 | 505 | Female | Spawner | 1340   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 11 | 360 |        | Silver  | 1341   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 11 | 540 | Female | Spawner | 1342   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 11 | 680 | Male   | Spawner | 1343   | No |           | Brown | Zone 2 |        |
| Resident   | 22-Sep-12 | 11 | 180 | Male   | Spawner |        |    |           |       | Zone 2 |        |
| Resident   | 22-Sep-12 | 11 | 200 | Male   | Spawner |        |    |           |       | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 340 | Male   | Spawner | 1344   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 445 | Male   | Spawner | 1345   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 465 | Female | Spawner | 1346   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 450 | Male   | Spawner | 1347   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 530 | Female | Spawner | 1348   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 520 | Female | Spawner | 1349   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 540 | Female | Spawner | 1350   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 650 | Male   | Spawner |        | No | Recapture | 659   | Grey   | Zone 2 |
| Anadromous | 22-Sep-12 | 12 | 540 | Female | Spawner | 1351   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 570 | Female | Spawner | 1352   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 550 | Female | Spawner | 1353   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 12 | 500 | Female | Spawner | 1354   | No |           | Brown | Zone 2 |        |
| Resident   | 22-Sep-12 | 12 | 280 | Male   | Spawner |        |    |           |       | Zone 2 |        |
| Resident   | 22-Sep-12 | 12 | 260 | Male   | Spawner |        |    |           |       | Zone 2 |        |
| Resident   | 22-Sep-12 | 12 | 240 | Male   | Spawner |        |    |           |       | Zone 2 |        |
| Resident   | 22-Sep-12 | 12 | 200 | Male   | Spawner |        |    |           |       | Zone 2 |        |
| Resident   | 22-Sep-12 | 12 | 235 | Male   | Spawner |        |    |           |       | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 475 | Female | Spawner | 1355   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 470 | Male   | Spawner | 1356   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 320 |        | Silver  | 1357   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 550 | Female | Spawner | 1358   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 625 | Male   | Spawner | 1359   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 520 | Female | Spawner | 1360   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 560 | Female | Spawner | 1361   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 560 | Female | Spawner | 1362   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 595 | Female | Spawner | 1363   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 355 |        | Silver  | 1364   | No |           | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 280 |        | Silver  | No tag | No |           |       | Zone 2 |        |

|            |           |    |     |        |         |      |      |  |  |       |        |        |
|------------|-----------|----|-----|--------|---------|------|------|--|--|-------|--------|--------|
| Anadromous | 22-Sep-12 | 13 | 555 | Female | Spawner | 1365 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 565 | Female | Spawner | 1366 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 670 | Male   | Spawner | 1367 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 555 | Female | Spawner | 1368 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 560 | Female | Spawner | 1369 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 465 | Female | Spawner | 1370 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 415 | Male   | Spawner | 1371 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 530 | Female | Spawner | 1372 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 700 | Male   | Spawner | 1373 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 600 | Female | Spawner | 1374 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 645 | Male   | Spawner | 1375 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 480 | Female | Spawner | 1376 | No   |  |  | Brown | Zone 2 |        |
| Anadromous | 22-Sep-12 | 13 | 580 | Female | Spawner |      | No   |  | Recapture                                  | 769   | Grey   | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 425 | Male   | Spawner | 1377 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 570 | Male   | Spawner | 1378 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 650 | Male   | Spawner | 1379 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 500 | Female | Spawner | 1380 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 550 | Female | Spawner | 1381 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 490 | Female | Spawner | 1382 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 550 | Male   | Spawner |      | No   |  | Recapture                                  | 199   | Red    | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 500 | Female | Spawner | 1383 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 660 | Male   | Spawner | 1384 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 625 | Male   | Spawner | 1385 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 570 | Female | Spawner |      | No   |  | Recapture                                  | 729   | Grey   | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 540 | Female | Spawner | 1386 | Scar |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 575 | Male   | Spawner | 1387 | Scar |  | Posterior<br>ventral<br>Anterior<br>dorsal |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 500 | Female | Spawner | 1389 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 590 | Female | Spawner | 1390 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 660 | Male   | Spawner | 1391 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 650 | Male   | Spawner | 1392 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 330 |        | Silver  | 1393 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 640 | Male   | Spawner | 1394 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 645 | Male   | Spawner | 1395 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 560 | Male   | Spawner | 1396 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 515 | Female | Spawner | 1397 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 610 | Male   | Spawner | 1398 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 510 | Female | Spawner | 1399 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 630 | Female | Spawner | 1400 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 530 | Female | Spawner | 1388 | No   |  |  |       | Brown  | Zone 2 |
| Anadromous | 22-Sep-12 | 13 | 430 | Male   | Spawner | 1401 | No   |  |  |       | Brown  | Zone 2 |

|            |           |    |     |        |         |        |      |                      |       |        |
|------------|-----------|----|-----|--------|---------|--------|------|----------------------|-------|--------|
| Anadromous | 22-Sep-12 | 13 | 290 |        | Silver  | No tag | No   |                      |       | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 630 | Male   | Spawner | 1402   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 520 | Male   | Spawner | 1403   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 675 | Male   | Spawner | 1404   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 570 | Female | Spawner | 1405   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 660 | Male   | Spawner | 1406   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 650 | Male   | Spawner | 1407   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 530 | Female | Spawner | 1408   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 505 | Female | Spawner | 1409   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 470 | Female | Spawner | 1410   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 380 |        | Silver  | 1411   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 610 | Male   | Spawner | 1412   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 455 | Female | Spawner | 1413   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 530 |        | Silver  | 1414   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 585 | Male   | Spawner | 1415   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 420 |        | Silver  | 1416   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 650 | Male   | Spawner | 1417   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 495 | Male   | Spawner | 1418   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 490 | Female | Spawner | 1419   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 440 | Female | Spawner | 1420   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 440 | Female | Spawner | 1421   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 360 |        | Silver  | 1422   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 670 | Male   | Spawner | 1423   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 630 | Male   | Spawner | 1424   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 570 | Male   | Spawner | 1425   | Scar | Posterior<br>ventral | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 555 | Female | Spawner | 1426   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 500 | Female | Spawner | 1427   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 470 | Male   | Spawner | 1428   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 560 | Female | Spawner | 1429   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 480 | Female | Spawner | 1430   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 655 | Male   | Spawner | 1431   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 440 |        | Silver  | 1432   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 555 | Male   | Spawner | 1433   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 520 | Female | Spawner | 1434   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 615 |        | Silver  | 1435   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 520 | Female | Spawner | 1436   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 560 | Female | Spawner | 1437   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 535 | Female | Spawner | 1438   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 390 | Female | Spawner | 1439   | No   |                      | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 530 | Male   | Spawner | 1440   | No   |                      | Brown | Zone 2 |

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|            |           |    |     |        |         |      |    |           |     |       |        |
|------------|-----------|----|-----|--------|---------|------|----|-----------|-----|-------|--------|
| Anadromous | 22-Sep-12 | 14 | 650 | Male   | Spawner | 1441 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 535 | Female | Spawner |      | No | Recapture | 742 | Grey  | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 510 | Female | Spawner | 1442 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 575 | Female | Spawner | 1443 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 670 | Male   | Spawner | 1444 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 380 |        | Silver  | 1445 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 620 | Male   | Spawner | 1446 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 540 | Female | Spawner | 1447 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 555 | Male   | Spawner | 1448 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 670 | Male   | Spawner | 1449 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 535 | Female | Spawner | 1450 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 705 | Male   | Spawner | 1451 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 520 | Female | Spawner | 1452 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 420 |        | Silver  | 1453 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 555 | Male   | Spawner | 1454 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 370 |        | Silver  | 1455 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 560 | Female | Spawner |      | No | Recapture | 403 | Red   | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 550 | Female | Spawner | 1456 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 540 | Female | Spawner | 1457 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 385 | Male   | Spawner | 1458 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 640 | Male   | Spawner | 1459 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 560 | Female | Spawner | 1460 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 645 | Male   | Spawner | 1461 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 500 | Female | Spawner |      | No | Recapture | 757 | Grey  | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 510 | Female | Spawner | 1462 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 665 | Male   | Spawner | 1463 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 490 | Male   | Spawner | 1464 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 590 | Male   | Spawner | 1465 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 450 | Female | Spawner | 1466 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 625 | Male   | Spawner | 1467 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 390 |        | Silver  | 1468 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 505 | Female | Spawner | 1469 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 455 |        | Silver  | 1470 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 470 | Male   | Spawner | 1471 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 385 |        | Silver  | 1472 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 570 | Female | Spawner | 1474 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 520 | Female | Spawner | 1475 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 370 | Male   | Spawner | 1473 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 330 |        | Silver  | 1476 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 530 | Female | Spawner | 1477 | No |           |     | Brown | Zone 2 |
| Anadromous | 22-Sep-12 | 14 | 510 | Female | Spawner | 1478 | No |           |     | Brown | Zone 2 |

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|                 |           |    |     |        |          |        |    |           |       |        |        |
|-----------------|-----------|----|-----|--------|----------|--------|----|-----------|-------|--------|--------|
| Anadromous      | 22-Sep-12 | 14 | 680 | Male   | Spawner  | 1479   | No |           | Brown | Zone 2 |        |
| Anadromous      | 22-Sep-12 | 14 | 470 | Female | Spawner  | 1480   | No |           | Brown | Zone 2 |        |
| Anadromous      | 22-Sep-12 | 14 | 280 |        | Silver   | No tag | No |           |       | Zone 2 |        |
| Freshwater juv. | 22-Sep-12 | 15 | 185 |        | Immature |        | No |           |       | Zone 3 |        |
| Resident        | 22-Sep-12 | 15 | 210 | Male   | Spawner  |        |    |           |       | Zone 3 |        |
| Resident        | 22-Sep-12 | 15 | 275 | Male   | Spawner  |        |    |           |       | Zone 3 |        |
| Resident        | 22-Sep-12 | 15 | 235 | Male   | Spawner  |        |    |           |       | Zone 3 |        |
| Resident        | 22-Sep-12 | 15 | 225 | Male   | Spawner  |        |    |           |       | Zone 3 |        |
| Resident        | 22-Sep-12 | 15 | 225 | Male   | Spawner  |        |    |           |       | Zone 3 |        |
| Resident        | 22-Sep-12 | 15 | 260 | Male   | Spawner  |        |    |           |       | Zone 3 |        |
| Resident        | 22-Sep-12 | 15 | 240 | Male   | Spawner  |        |    |           |       | Zone 3 |        |
| Resident        | 22-Sep-12 | 15 | 200 | Male   | Spawner  |        |    |           |       | Zone 3 |        |
| Freshwater juv. | 22-Sep-12 | 16 | 175 |        | Immature |        | No |           |       | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 560 | Male   | Spawner  | 1481   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 630 | Male   | Spawner  | 1482   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 520 | Female | Spawner  | 1483   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 540 | Female | Spawner  | 1484   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 530 | Female | Spawner  |        | No | Recapture | 718   | Grey   | Zone 3 |
| Anadromous      | 22-Sep-12 | 16 | 580 | Female | Spawner  | 1485   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 540 | Male   | Spawner  | 1486   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 540 | Female | Spawner  | 1487   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 635 | Female | Spawner  | 1488   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 595 | Male   | Spawner  | 1489   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 430 | Male   | Spawner  | 1490   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 550 | Male   | Spawner  |        | No | Recapture | 520   | Grey   | Zone 3 |
| Anadromous      | 22-Sep-12 | 16 | 540 | Female | Spawner  | 1491   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 410 | Male   | Spawner  | 1492   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 540 | Female | Spawner  | 1493   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 510 | Female | Spawner  | 1494   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 410 | Male   | Spawner  | 1495   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 625 | Male   | Spawner  | 1496   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 610 | Male   | Spawner  | 1497   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 605 | Male   | Spawner  |        | No | Recapture | 524   | Grey   | Zone 3 |
| Anadromous      | 22-Sep-12 | 16 | 595 | Male   | Spawner  | 1498   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 570 | Male   | Spawner  | 1499   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 540 | Female | Spawner  | 1500   | No |           | Brown | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 530 | Female | Spawner  |        | No |           |       | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 480 | Female | Spawner  |        | No |           |       | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 475 | Female | Spawner  |        | No |           |       | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 450 | Female | Spawner  |        | No |           |       | Zone 3 |        |
| Anadromous      | 22-Sep-12 | 16 | 685 | Male   | Spawner  |        | No |           |       | Zone 3 |        |

|            |           |    |     |        |         |      |    |           |      |       |        |
|------------|-----------|----|-----|--------|---------|------|----|-----------|------|-------|--------|
| Anadromous | 22-Sep-12 | 16 | 630 | Male   | Spawner |      | No |           |      |       | Zone 3 |
| Anadromous | 22-Sep-12 | 16 | 540 | Female | Spawner |      | No |           |      |       | Zone 3 |
| Anadromous | 22-Sep-12 | 16 | 575 | Male   | Spawner |      | No |           |      |       | Zone 3 |
| Anadromous | 22-Sep-12 | 16 | 570 | Female | Spawner |      | No |           |      |       | Zone 3 |
| Anadromous | 22-Sep-12 | 16 | 670 | Male   | Spawner |      | No | Recapture | 552  | Grey  | Zone 3 |
| Anadromous | 22-Sep-12 | 16 | 635 | Male   | Spawner |      | No |           |      |       | Zone 3 |
| Anadromous | 22-Sep-12 | 16 | 340 | Male   | Spawner |      | No |           |      |       | Zone 3 |
| Anadromous | 23-Sep-13 | 1  | 480 | Male   | Spawner | 1501 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 680 | Male   | Spawner | 1502 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 510 | Female | Spawner | 1503 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 555 | Female | Spawner | 1504 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 550 |        | Silver  | 1505 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 550 | Male   | Spawner | 1506 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 580 | Female | Spawner | 1507 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 550 | Female | Spawner | 1508 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 515 | Male   | Spawner | 1509 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 585 | Female | Spawner |      | No | Recapture | 1374 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 665 |        | Silver  |      | No | Recapture | 1030 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 435 | Male   | Spawner | 1510 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 580 | Female | Spawner | 1511 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 300 |        | Silver  |      | No |           |      |       | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 570 | Female | Spawner | 1512 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 650 | Male   | Spawner | 1513 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 540 | Female | Spawner | 1514 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 620 | Male   | Spawner | 1515 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 475 | Female | Spawner | 1516 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 635 | Male   | Spawner |      | No | Recapture | 1144 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 530 | Female | Spawner | 1517 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 630 |        | Silver  | 1518 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 380 |        | Silver  | 1519 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 530 | Female | Spawner | 1520 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 375 |        | Silver  | 1521 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 645 | Male   | Spawner | 1522 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 555 | Male   | Spawner | 1523 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 650 | Male   | Spawner |      | No | Recapture | 1111 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 380 |        | Silver  | 1524 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 570 |        | Silver  | 1525 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 555 | Male   | Spawner | 1526 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 490 | Male   | Spawner | 1527 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 350 | Male   | Spawner | 1528 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1  | 360 | Male   | Spawner | 1529 | No |           |      | Red   | Zone 1 |



|            |           |   |     |        |         |      |    |           |      |       |        |
|------------|-----------|---|-----|--------|---------|------|----|-----------|------|-------|--------|
| Anadromous | 23-Sep-13 | 1 | 550 | Female | Spawner | 1530 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 570 | Male   | Spawner | 1531 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 680 | Male   | Spawner |      | No | Recapture | 1296 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 525 | Male   | Spawner | 1532 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 360 |        | Silver  | 1533 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 505 | Female | Spawner | 1534 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 555 | Female | Spawner | 1535 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 575 | Female | Spawner | 1536 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 675 | Male   | Spawner | 1537 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 310 |        | Silver  | 1538 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 440 | Male   | Spawner | 1539 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 575 | Female | Spawner | 1540 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 545 |        | Silver  | 1541 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 545 | Female | Spawner | 1542 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 500 | Female | Spawner | 1543 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 540 | Female | Spawner | 1544 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 1 | 495 |        | Silver  | 1545 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 430 | Female | Spawner | 1546 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 540 | Female | Spawner | 1547 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 495 |        | Silver  | 1548 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 585 |        | Silver  |      | No | Recapture | 697  | Grey  | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 490 | Female | Spawner | 1549 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 510 | Male   | Spawner | 1550 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 605 | Female | Spawner | 1551 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 670 |        | Silver  |      | No | Recapture | 1050 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 485 | Female | Spawner | 1552 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 500 | Female | Spawner |      | No | Recapture | 365  | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 470 | Female | Spawner | 1553 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 485 | Female | Spawner | 1554 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 555 |        | Silver  | 1555 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 470 |        | Silver  | 1556 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 555 | Female | Spawner | 1557 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 675 | Male   | Spawner | 1558 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 495 | Male   | Spawner | 1559 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 515 | Male   | Spawner |      | No | Recapture | 1058 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 610 | Male   | Spawner | 1560 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 425 | Female | Spawner | 1561 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 595 |        | Silver  | 1562 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 360 | Male   | Spawner | 1563 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 550 | Male   | Spawner | 1564 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 455 | Female | Spawner | 1565 | No |           |      | Red   | Zone 1 |

|            |           |   |     |        |         |      |              |  |      |       |        |
|------------|-----------|---|-----|--------|---------|------|--------------|--|------|-------|--------|
| Anadromous | 23-Sep-13 | 2 | 600 |        | Silver  | 1566 | Wound        | Anterior ventral                             |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 405 |        | Silver  | 1567 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 670 | Male   | Spawner | 1568 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 580 |        | Silver  | 1569 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 560 | Female | Spawner | 1570 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 455 |        | Silver  | 1571 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 540 | Male   | Spawner |      | No           | Recapture                                    | 1156 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 410 | Male   | Spawner | 1572 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 515 | Female | Spawner |      | No           | Recapture                                    | 1247 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 540 | Female | Spawner |      | No           | Recapture                                    | 637  | Grey  | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 430 |        | Silver  | 1573 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 560 | Female | Spawner |      | No           | Recapture                                    | 1001 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 475 |        | Silver  | 1574 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 565 |        | Silver  |      | No           | Recapture                                    | 512  | Grey  | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 415 | Female | Spawner | 1575 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 380 |        | Silver  | 1576 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 445 | Male   | Spawner | 1577 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 650 | Male   | Spawner | 1578 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 465 | Male   | Spawner | 1579 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 540 | Female | Spawner | 1580 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 510 | Male   | Spawner |      | No           | Recapture                                    | 1315 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 520 | Female | Spawner | 1581 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 430 | Female | Spawner | 1582 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 2 | 430 | Female | Spawner | 1583 | No           |  |      | Red   | Zone 1 |
| Resident   | 23-Sep-13 | 2 | 265 | Male   | Spawner |      |              |  |      |       | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 440 |        | Silver  | 1584 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 480 | Male   | Spawner | 1585 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 440 |        | Silver  | 1586 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 540 | Male   | Spawner | 1587 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 550 | Male   | Spawner | 1588 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 455 | Male   | Spawner | 1589 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 590 | Female | Spawner | 1590 | Wound & scar | Wound anterior dorsal/ scar posterior dorsal |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 650 |        | Silver  | 1591 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 520 | Female | Spawner | 1592 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 410 |        | Silver  | 1593 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 535 |        | Silver  |      | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 480 | Male   | Spawner | 1595 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 440 |        | Silver  | 1596 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 450 |        | Silver  | 1597 | No           |  |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 510 | Male   | Spawner | 1598 | No           |  |      | Red   | Zone 1 |

|            |           |   |     |        |         |      |    |           |     |        |        |
|------------|-----------|---|-----|--------|---------|------|----|-----------|-----|--------|--------|
| Anadromous | 23-Sep-13 | 3 | 520 |        | Silver  | 1599 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 410 |        | Silver  | 1600 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 555 | Female | Spawner | 1601 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 580 | Female | Spawner | 1602 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 425 |        | Silver  | 1603 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 400 | Male   | Spawner | 1604 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 545 |        | Silver  | 1605 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 410 |        | Silver  | 1606 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 515 | Female | Spawner | 1607 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 530 | Female | Spawner | 1608 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 470 | Male   | Spawner | 1609 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 565 | Male   | Spawner | 1610 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 365 | Female | Spawner | 1611 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 580 |        | Silver  | 1612 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 460 |        | Silver  | 1613 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 430 |        | Silver  | 1614 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 475 |        | Silver  | 1615 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 440 | Female | Spawner | 1616 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 500 | Female | Spawner | 1617 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 520 | Female | Spawner | 1618 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 430 | Female | Spawner | 1619 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 530 | Female | Spawner |      | No | Recapture | 229 | Red    | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 460 |        | Silver  | 1620 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 460 |        | Silver  | 1621 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 480 |        | Silver  | 1622 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 420 |        | Silver  | 1623 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 510 | Male   | Spawner | 1624 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 405 | Female | Spawner | 1625 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 535 | Male   | Spawner | 1626 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 315 |        | Silver  | 1627 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 575 | Female | Spawner | 1628 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 495 |        | Silver  |      | No | Recapture | 651 | Grey   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 490 | Female | Spawner | 1629 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 335 |        | Silver  | 1630 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 420 | Female | Spawner | 1631 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 540 | Male   | Spawner |      | No | Recapture | 669 | Grey   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 525 | Male   | Spawner | 1632 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 440 |        | Silver  | 1633 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 480 | Male   | Spawner | 1634 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 375 |        | Silver  | 1635 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 3 | 450 |        | Silver  | 1636 | No |           | Red | Zone 1 |        |

|            |           |   |     |        |         |      |    |           |      |       |        |
|------------|-----------|---|-----|--------|---------|------|----|-----------|------|-------|--------|
| Anadromous | 23-Sep-13 | 3 | 485 |        | Silver  | 1637 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 565 |        | Silver  | 1638 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 460 |        | Silver  | 1639 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 345 |        | Silver  | 1640 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 460 | Female | Spawner | 1641 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 545 |        | Silver  | 1642 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 385 |        | Silver  | 1643 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 435 | Female | Spawner | 1644 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 455 |        | Silver  | 1645 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 415 | Male   | Spawner | 1646 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 425 | Male   | Spawner |      | No | Recapture | 1043 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 510 | Female | Spawner | 1647 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 385 |        | Silver  | 1648 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 350 |        | Silver  | 1649 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 420 |        | Silver  | 1650 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 440 |        | Silver  | 1651 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 495 | Female | Spawner | 1652 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 500 | Female | Spawner | 1653 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 655 |        | Silver  | 1654 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 350 |        | Silver  | 1655 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 460 | Female | Spawner | 1656 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 470 | Female | Spawner | 1657 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 520 |        | Silver  | 1658 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 425 |        | Silver  | 1659 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 450 |        | Silver  |      | No | Recapture | 1377 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 420 |        | Silver  | 1660 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 545 | Female | Spawner | 1661 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 520 | Female | Spawner |      | No | Recapture | 393  | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 440 | Female | Spawner | 1662 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 630 |        | Silver  | 1663 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 420 | Female | Spawner | 1664 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 455 |        | Silver  |      | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 495 | Female | Spawner | 1666 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 550 | Female | Spawner | 1667 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 490 |        | Silver  | 1668 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 3 | 585 | Male   | Spawner | 1669 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 460 | Female | Spawner | 1670 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 490 |        | Silver  | 1671 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 470 | Male   | Spawner | 1672 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 435 |        | Silver  | 1673 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 535 |        | Silver  | 1674 | No |           |      | Red   | Zone 1 |

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|------------|-----------|---|-----|--------|---------|------|----|-----------|-----|--------|--------|
| Anadromous | 23-Sep-13 | 4 | 465 |        | Silver  | 1675 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 370 |        | Silver  | 1676 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 430 |        | Silver  | 1677 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 680 |        | Silver  | 1678 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 565 |        | Silver  | 1679 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 680 | Male   | Spawner | 1680 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 460 | Female | Spawner | 1681 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 455 |        | Silver  | 1682 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 430 | Male   | Spawner | 1683 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 365 |        | Silver  | 1684 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 450 | Female | Spawner | 1685 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 565 | Male   | Spawner | 1686 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 430 | Female | Spawner | 1687 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 465 |        | Silver  | 1688 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 475 | Female | Spawner | 1689 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 430 |        | Silver  | 1690 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 590 |        | Silver  | 1691 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 525 |        | Silver  | 1692 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 560 |        | Silver  | 1693 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 385 |        | Silver  | 1694 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 380 |        | Silver  | 1695 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 370 |        | Silver  | 1696 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 380 |        | Silver  | 1697 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 420 |        | Silver  | 1698 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 615 |        | Silver  | 1699 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 360 |        | Silver  | 1700 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 440 | Female | Spawner | 1701 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 425 |        | Silver  | 1702 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 365 | Male   | Spawner | 1703 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 420 | Female | Spawner | 1704 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 675 |        | Silver  | 1705 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 540 | Female | Spawner | 1706 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 510 | Female | Spawner | 1707 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 535 | Male   | Spawner | 1708 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 525 | Male   | Spawner | 1709 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 525 | Female | Spawner | 1710 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 485 | Female | Spawner | 1711 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 460 |        | Silver  | 1712 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 345 |        | Silver  | 1713 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 4 | 490 | Female | Spawner |      | No | Recapture | 645 | Grey   | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 345 |        | Silver  | 1714 | No |           | Red | Zone 1 |        |

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|------------|-----------|---|-----|--------|---------|------|----|-----|--------|
| Anadromous | 23-Sep-13 | 4 | 400 |        | Silver  | 1715 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 495 | Male   | Spawner | 1716 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 605 | Female | Spawner | 1717 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 445 | Female | Spawner | 1718 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 475 |        | Silver  | 1719 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 345 |        | Silver  | 1720 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 475 |        | Silver  | 1721 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 520 |        | Silver  | 1722 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 505 |        | Silver  | 1723 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 445 | Male   | Spawner | 1724 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 455 | Male   | Spawner | 1725 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 500 | Female | Spawner | 1726 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 4 | 415 | Female | Spawner | 1727 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 | Female | Spawner | 1728 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 |        | Silver  | 1729 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 350 |        | Silver  | 1730 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1731 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 535 |        | Silver  | 1732 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 510 | Female | Spawner | 1733 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 435 |        | Silver  | 1734 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 400 |        | Silver  | 1735 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 430 |        | Silver  | 1736 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 570 |        | Silver  | 1737 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 570 |        | Silver  | 1738 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 545 |        | Silver  | 1739 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 425 | Male   | Spawner | 1740 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 490 |        | Silver  | 1741 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 425 |        | Silver  | 1742 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 415 |        | Silver  | 1743 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 435 |        | Silver  | 1744 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 425 |        | Silver  | 1745 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 530 |        | Silver  | 1746 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 470 |        | Silver  | 1747 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 470 |        | Silver  | 1748 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 430 |        | Silver  | 1749 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 350 |        | Silver  | 1750 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 400 |        | Silver  | 1751 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 425 |        | Silver  | 1752 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 490 | Female | Spawner | 1753 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 485 |        | Silver  | 1754 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 500 |        | Silver  | 1755 | No | Red | Zone 1 |

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| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1756 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 360 | Male   | Spawner | 1757 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 380 |        | Silver  | 1758 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 500 | Female | Spawner | 1759 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 460 |        | Silver  | 1760 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 540 |        | Silver  | 1761 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 465 | Female | Spawner | 1762 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 450 |        | Silver  | 1763 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 475 |        | Silver  | 1764 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 460 |        | Silver  | 1765 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 525 |        | Silver  | 1766 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 410 |        | Silver  | 1767 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 390 |        | Silver  | 1768 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 490 |        | Silver  | 1769 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 600 |        | Silver  | 1770 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 465 |        | Silver  | 1771 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 335 |        | Silver  | 1772 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 435 |        | Silver  | 1773 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 560 |        | Silver  | 1774 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 405 |        | Silver  | 1775 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 505 | Male   | Spawner | 1776 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 480 | Female | Spawner | 1777 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 670 |        | Silver  | 1778 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 425 |        | Silver  | 1779 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 525 |        | Silver  | 1780 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 475 | Female | Spawner | 1781 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 335 |        | Silver  | 1782 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 405 |        | Silver  | 1783 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 455 |        | Silver  | 1784 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 350 |        | Silver  | 1785 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 390 | Male   | Spawner | 1786 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1787 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 475 |        | Silver  | 1788 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 | Female | Spawner | 1789 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 430 |        | Silver  | 1790 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 360 |        | Silver  | 1791 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 505 |        | Silver  | 1792 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 470 | Female | Spawner | 1793 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 360 |        | Silver  | 1794 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 455 | Male   | Spawner | 1795 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 380 |        | Silver  | 1796 | No | Red | Zone 1 |

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|------------|-----------|---|-----|--------|---------|------|----|-----------|------|-------|--------|
| Anadromous | 23-Sep-13 | 5 | 490 | Female | Spawner | 1797 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 455 |        | Silver  | 1798 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 520 | Female | Spawner | 1799 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 |        | Silver  | 1800 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 525 | Female | Spawner | 1801 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 680 |        | Silver  |      | No | Recapture | 1028 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1802 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 530 | Male   | Spawner | 1803 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 540 |        | Silver  | 1804 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 535 | Male   | Spawner | 1805 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 300 |        | Silver  |      | No |           |      |       | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 455 | Female | Spawner | 1806 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 515 |        | Silver  | 1807 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 635 |        | Silver  | 1808 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 670 |        | Silver  |      | No | Recapture | 258  | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 370 |        | Silver  | 1809 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 350 |        | Silver  | 1810 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 540 | Female | Spawner | 1811 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 515 |        | Silver  | 1812 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 520 | Female | Spawner | 1813 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 460 | Male   | Spawner | 1814 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 |        | Silver  | 1815 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 495 | Female | Spawner | 1816 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1817 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 505 | Female | Spawner | 1818 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 525 |        | Silver  | 1819 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 355 |        | Silver  | 1820 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 425 | Female | Spawner | 1821 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 620 |        | Silver  | 1822 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 480 | Female | Spawner |      | No | Recapture | 579  | Grey  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 405 |        | Silver  | 1823 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 490 | Male   | Spawner | 1824 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 600 |        | Silver  |      | No | Recapture | 1297 | Brown | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 320 |        | Silver  | 1825 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 485 |        | Silver  | 1826 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 545 | Male   | Spawner | 1827 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 500 |        | Silver  | 1828 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 410 |        | Silver  | 1829 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 460 |        | Silver  | 1830 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 450 | Female | Spawner | 1831 | No |           |      | Red   | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1832 | No |           |      | Red   | Zone 1 |



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| Anadromous | 23-Sep-13 | 5 | 375 |        | Silver  | 1833 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 480 | Female | Spawner | 1834 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 465 |        | Silver  | 1835 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 460 | Female | Spawner | 1836 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 515 |        | Silver  | 1837 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 445 |        | Silver  | 1838 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 410 | Male   | Spawner | 1839 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 440 | Female | Spawner | 1840 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 460 |        | Silver  | 1841 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 420 | Female | Spawner | 1842 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 400 |        | Silver  | 1843 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 350 |        | Silver  | 1844 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 470 | Female | Spawner | 1845 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 350 |        | Silver  | 1846 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 420 | Female | Spawner | 1847 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1848 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 485 | Female | Spawner | 1849 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 420 | Female | Spawner | 1850 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 270 |        | Silver  |      | No |           |     | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 580 |        | Silver  | 1851 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 425 | Female | Spawner | 1852 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1853 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 450 |        | Silver  | 1854 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 495 |        | Silver  | 1855 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 370 |        | Silver  | 1856 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 430 |        | Silver  | 1857 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 520 |        | Silver  | 1858 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 575 | Female | Spawner | 1859 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 505 |        | Silver  | 1860 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 320 |        | Silver  | 1861 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 485 | Female | Spawner | 1862 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 450 |        | Silver  | 1863 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 445 |        | Silver  | 1864 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 565 | Female | Spawner |      | No | Recapture | 179 | Red    | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 345 |        | Silver  | 1865 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 385 |        | Silver  | 1866 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 530 | Male   | Spawner | 1867 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 340 |        | Silver  | 1868 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 435 | Male   | Spawner | 1869 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 460 |        | Silver  | 1870 | No |           | Red | Zone 1 |        |
| Anadromous | 23-Sep-13 | 5 | 280 |        | Silver  |      | No |           |     | Zone 1 |        |

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|------------|-----------|---|-----|--------|---------|------|----|-----------|-----|------|--------|
| Anadromous | 23-Sep-13 | 5 | 455 | Female | Spawner | 1871 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 455 |        | Silver  | 1872 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 450 |        | Silver  | 1873 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 370 |        | Silver  | 1874 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 370 |        | Silver  | 1875 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 385 |        | Silver  | 1876 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 535 | Female | Spawner | 1877 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 495 | Male   | Spawner | 1878 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1879 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 375 |        | Silver  | 1880 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 460 |        | Silver  | 1881 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1882 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 | Female | Spawner | 1883 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 390 |        | Silver  | 1884 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 480 |        | Silver  | 1885 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 400 |        | Silver  | 1886 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 470 | Female | Spawner | 1887 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 500 |        | Silver  | 1888 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 605 |        | Silver  |      | No | Recapture | 604 | Grey | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 290 |        | silver  |      | No |           |     |      | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 425 |        | silver  | 1889 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 495 | Female | Spawner | 1890 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 555 |        | Silver  | 1891 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 550 | Male   | Spawner | 1892 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 470 | Female | Spawner | 1893 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 |        | Silver  | 1894 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1895 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 540 |        | Silver  | 1896 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 385 |        | Silver  | 1897 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 525 |        | Silver  | 1898 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 |        | Silver  | 1899 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 515 | Male   | Spawner | 1900 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 530 |        | Silver  | 1901 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 340 |        | Silver  | 1902 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 405 |        | Silver  | 1903 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 410 |        | Silver  | 1904 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 460 | Male   | Spawner | 1905 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 465 |        | Silver  | 1906 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 450 | Female | Spawner | 1907 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 430 |        | Silver  | 1908 | No |           |     | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 410 |        | Silver  | 1909 | No |           |     | Red  | Zone 1 |

|            |           |   |     |        |         |      |    |           |   |     |        |
|------------|-----------|---|-----|--------|---------|------|----|-----------|---|-----|--------|
| Anadromous | 23-Sep-13 | 5 | 445 | Male   | Spawner | 1910 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 460 |        | Silver  | 1911 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 580 | Female | Spawner |      | No | Recapture | 5 | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 650 |        | Silver  | 1912 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 365 |        | Silver  | 1913 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1914 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 |        | Silver  | 1915 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 510 | Male   | Spawner | 1916 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 510 | Female | Spawner | 1917 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 425 |        | Silver  | 1918 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 490 |        | Silver  | 1919 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 350 |        | Silver  | 1920 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 385 | Male   | Spawner | 1921 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 655 |        | Silver  | 1922 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 495 |        | Silver  | 1923 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 410 |        | Silver  | 1924 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 360 |        | Silver  | 1925 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 385 |        | Silver  | 1926 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 320 |        | Silver  | 1927 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 450 |        | Silver  | 1928 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 |        | Silver  | 1929 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 430 |        | Silver  | 1930 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 450 |        | Silver  | 1931 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 500 |        | Silver  | 1932 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 470 |        | Silver  | 1933 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 585 |        | Silver  | 1934 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 415 |        | Silver  | 1935 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 280 |        | Silver  | 1936 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 360 |        | Silver  | 1937 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 360 |        | Silver  | 1938 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 400 |        | Silver  | 1939 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 525 | Male   | Spawner | 1940 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 550 |        | Silver  | 1941 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 |        | Silver  | 1942 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 470 |        | Silver  | 1943 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 460 | Female | Spawner | 1944 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 500 |        | Silver  | 1945 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 445 |        | Silver  | 1946 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 450 |        | Silver  | 1947 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 425 |        | Silver  | 1948 | No |           |   | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 390 |        | Silver  | 1949 | No |           |   | Red | Zone 1 |

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|------------|-----------|---|-----|----------------|------|----|-----|--------|
| Anadromous | 23-Sep-13 | 5 | 530 | Silver         | 1950 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 420 | Silver         | 1951 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 445 | Silver         | 1952 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 410 | Silver         | 1953 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 | Silver         | 1954 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 605 | Silver         | 1955 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 430 | Silver         | 1956 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 415 | Silver         | 1957 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 430 | Silver         | 1958 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 410 | Silver         | 1959 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 470 | Silver         | 1960 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 | Silver         | 1961 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 455 | Silver         | 1962 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 395 | Silver         | 1963 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 370 | Silver         | 1964 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 505 | Silver         | 1965 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 325 | Silver         | 1966 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 410 | Silver         | 1967 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 570 | Silver         | 1968 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 560 | Silver         | 1969 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 535 | Silver         | 1970 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 440 | Silver         | 1971 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 415 | Silver         | 1972 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 335 | Silver         | 1973 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 400 | Silver         | 1974 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 475 | Silver         | 1975 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 480 | Silver         | 1976 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 510 | Female Spawner | 1977 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 435 | Silver         | 1978 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 430 | Silver         | 1979 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 480 | Silver         | 1980 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 360 | Silver         | 1981 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 365 | Silver         | 1982 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 340 | Silver         | 1983 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 395 | Silver         | 1984 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 445 | Silver         | 1985 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 365 | Silver         | 1986 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 400 | Silver         | 1987 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 370 | Silver         | 1988 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 475 | Female Spawner | 1989 | No | Red | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 510 | Female Spawner | 1990 | No | Red | Zone 1 |

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|            |           |   |     |        |         |      |    |           |      |      |        |
|------------|-----------|---|-----|--------|---------|------|----|-----------|------|------|--------|
| Anadromous | 23-Sep-13 | 5 | 420 | Male   | Spawner | 1991 | No |           |      | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 400 |        | Silver  | 1992 | No |           |      | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 525 |        | Silver  | 1993 | No |           |      | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 460 |        | Silver  | 1994 | No |           |      | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 510 |        | Silver  | 1995 | No |           |      | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 445 |        | Silver  | 1996 | No |           |      | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 470 | Female | Spawner | 1997 | No |           |      | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 425 | Female | Spawner | 1998 | No |           |      | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 435 |        | Silver  | 1999 | No |           |      | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 415 |        | Silver  | 2000 | No |           |      | Red  | Zone 1 |
| Anadromous | 23-Sep-13 | 5 | 360 |        | Silver  |      | No |           |      |      | Zone 1 |
| Resident   | 23-Sep-13 | 5 | 370 | Male   | Spawner |      |    |           |      |      | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 565 | Female | Spawner | 2001 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 500 |        | Silver  | 2002 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 420 | Female | Spawner | 2003 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 430 |        | Silver  | 2004 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 500 |        | Silver  | 2005 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 485 |        | Silver  | 2006 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 355 |        | Silver  | 2007 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 435 |        | Silver  | 2008 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 420 | Male   | Spawner | 2009 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 460 | Female | Spawner | 2010 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 490 | Male   | Spawner | 2011 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 600 | Male   | Spawner | 2012 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 365 |        | Silver  | 2013 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 460 | Female | Spawner |      | No | Recapture | 1644 | Red  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 495 |        | Silver  | 2014 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 460 |        | Silver  | 2015 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 545 |        | Silver  | 2016 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 512 |        | Silver  | 2017 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 440 | Female | Spawner | 2018 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 430 | Female | Spawner | 2019 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 420 | Female | Spawner | 2020 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 465 | Male   | Spawner | 2021 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 625 |        | Silver  | 2022 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 620 |        | Silver  |      | No | Recapture | 1774 | Red  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 680 |        | Silver  |      | No | Recapture | 545  | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 430 | Female | Spawner | 2023 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 400 | Female | Spawner | 2024 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 285 |        | Silver  |      | No |           |      |      | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 600 |        | Silver  | 2025 | No |           |      | Grey | Zone 1 |

|            |           |   |     |        |         |      |    |           |      |       |        |
|------------|-----------|---|-----|--------|---------|------|----|-----------|------|-------|--------|
| Anadromous | 23-Sep-14 | 1 | 525 |        | Silver  | 2026 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 440 | Female | Spawner | 2027 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 470 | Female | Spawner |      | No | Recapture | 1650 | Red   | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 380 |        | Silver  | 2028 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 325 |        | Silver  | 2029 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 450 | Male   | Spawner |      | No | Recapture | 1458 | Brown | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 490 | Female | Spawner | 2030 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 350 | Male   | Spawner |      | No |           |      |       | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 365 |        | Silver  | 2031 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 470 | Female | Spawner | 2032 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 408 |        | Silver  | 2033 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 320 |        | Silver  | 2034 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 530 | Female | Spawner |      | No | Recapture | 639  | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 440 | Female | Spawner | 2035 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 465 | Male   | Spawner |      | No | Recapture | 1815 | Red   | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 480 | Male   | Spawner | 2036 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 360 |        | Silver  | 2037 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 470 | Male   | Spawner |      | No | Recapture | 1519 | Red   | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 500 |        | Silver  | 2038 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 375 |        | Silver  | 2039 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 460 | Female | Spawner | 2040 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 400 | Female | Spawner | 2041 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 330 |        | Silver  | 2042 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 395 |        | Silver  | 2043 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 480 |        | Silver  | 2044 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 470 |        | Silver  | 2045 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 510 |        | Silver  |      | No | Recapture | 1636 | Red   | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 370 |        | Silver  | 2046 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 345 |        | Silver  | 2047 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 685 |        | Silver  | 2048 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 450 | Female | Spawner | 2049 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 475 | Female | Spawner | 2050 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 370 |        | Silver  | 2051 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 420 |        | Silver  | 2052 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 475 | Female | Spawner | 2053 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 325 |        | Silver  | 2054 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 505 | Female | Spawner | 2055 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 1 | 470 | Female | Spawner | 2056 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 2 | 425 |        | Silver  | 2057 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 2 | 530 |        | Silver  | 2058 | No |           |      | Grey  | Zone 1 |
| Anadromous | 23-Sep-14 | 2 | 480 | Female | Spawner |      | No | Recapture | 1907 | Red   | Zone 1 |

|            |           |   |     |        |         |      |    |           |      |        |        |
|------------|-----------|---|-----|--------|---------|------|----|-----------|------|--------|--------|
| Anadromous | 23-Sep-14 | 2 | 510 |        | Silver  | 2059 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 430 |        | Silver  | 2060 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 495 | Male   | Spawner | 2061 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 430 |        | Silver  | 2062 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 475 |        | Silver  | 2063 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 555 | Male   | Spawner | 2064 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 415 | Male   | Spawner | 2065 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 450 | Female | Spawner | 2066 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 425 |        | Silver  | 2067 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 540 |        | Silver  | 2068 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 305 |        | Silver  | 2069 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 320 |        | Silver  | 2070 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 465 |        | Silver  | 2071 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 445 | Female | Spawner | 2072 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 455 | Female | Spawner | 2073 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 485 |        | Silver  | 2074 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 290 |        | Silver  | 2075 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 2 | 370 |        | Silver  | 2084 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 465 |        | Silver  | 2076 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 470 | Male   | Spawner |      | No | Recapture | 1510 | Red    | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 430 | Male   | Spawner | 2077 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 360 |        | Silver  | 2078 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 460 |        | Silver  | 2079 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 480 | Female | Spawner | 2080 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 525 |        | Silver  | 2081 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 475 |        | Silver  | 2082 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 495 |        | Silver  | 2083 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 485 |        | Silver  | 2085 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 570 | Female | Spawner | 2086 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 365 |        | Silver  | 2087 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 415 |        | Silver  | 2088 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 585 |        | Silver  |      | No | Recapture | 1456 | Brown  | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 515 |        | Silver  | 2089 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 550 |        | Silver  | 2090 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 455 | Female | Spawner | 2091 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 285 |        | Silver  |      | No |           |      | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 270 |        | Silver  |      | No |           |      | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 460 | Female | Spawner | 2092 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 545 | Female | Spawner |      | No | Recapture | 1592 | Red    | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 360 |        | Silver  | 2093 | No |           | Grey | Zone 1 |        |
| Anadromous | 23-Sep-14 | 3 | 440 | Female | Spawner | 2094 | No |           | Grey | Zone 1 |        |

|            |           |   |     |        |         |      |    |           |      |      |        |
|------------|-----------|---|-----|--------|---------|------|----|-----------|------|------|--------|
| Anadromous | 23-Sep-14 | 3 | 485 |        | Silver  | 2095 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 500 |        | Silver  | 2096 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 625 |        | Silver  |      | No | Recapture | 1968 | Red  | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 500 |        | Silver  | 2097 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 460 | Male   | Spawner | 2098 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 425 | Female | Spawner | 2099 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 520 |        | Silver  | 2100 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 500 |        | Silver  | 2101 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 480 | Male   | Spawner | 2102 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 490 |        | Silver  | 2103 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 405 |        | Silver  | 2104 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 410 |        | Silver  | 2105 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 400 | Female | Spawner | 2106 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 275 |        | Silver  |      | No |           |      |      | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 565 |        | Silver  | 2107 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 505 |        | Silver  | 2108 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 475 |        | Silver  | 2109 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 426 |        | Silver  | 2110 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 275 |        | Silver  |      | No |           |      |      | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 405 |        | Silver  | 2111 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 465 |        | Silver  | 2112 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 370 |        | Silver  | 2113 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 460 |        | Silver  |      | No | Recapture | 1992 | Red  | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 350 |        | Silver  | 2114 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 355 |        | Silver  | 2115 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 420 | Male   | Spawner | 2116 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 525 |        | Silver  | 2117 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 430 |        | Silver  | 2118 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 3 | 370 |        | Silver  | 2119 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 505 | Female | Spawner | 2120 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 415 |        | Silver  | 2121 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 535 | Female | Spawner | 2122 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 500 |        | Silver  | 2123 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 360 |        | Silver  | 2124 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 500 |        | Silver  | 2125 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 435 |        | Silver  | 2126 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 445 |        | Silver  | 2127 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 440 |        | Silver  | 2128 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 530 |        | Silver  | 2129 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 450 |        | Silver  | 2130 | No |           |      | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 400 |        | Silver  | 2131 | No |           |      | Grey | Zone 1 |



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|            |           |   |     |                |      |    |      |        |
|------------|-----------|---|-----|----------------|------|----|------|--------|
| Anadromous | 23-Sep-14 | 4 | 335 | Silver         | 2132 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 605 | Silver         | 2133 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 430 | Silver         | 2134 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 330 | Silver         | 2135 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 360 | Silver         | 2136 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 445 | Silver         | 2137 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 440 | Silver         | 2138 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 420 | Silver         | 2139 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 550 | Silver         | 2140 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 440 | Silver         | 2141 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 345 | Silver         | 2142 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 420 | Silver         | 2143 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 390 | Silver         | 2144 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 445 | Silver         | 2145 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 530 | Silver         | 2146 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 455 | Silver         | 2147 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 495 | Silver         | 2148 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 430 | Silver         | 2149 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 380 | Silver         | 2150 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 430 | Silver         | 2151 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 4 | 415 | Female Spawner | 2152 | No | Grey | Zone 1 |
| Anadromous | 23-Sep-14 | 5 | 705 | Male Spawner   | 2153 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 5 | 600 | Female Spawner | 2154 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 5 | 580 | Male Spawner   | 2155 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 5 | 600 | Female Spawner | 2156 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 5 | 495 | Male Spawner   | 2157 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 515 | Female Spawner | 2158 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 480 | Female Spawner | 2159 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 590 | Female Spawner | 2160 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 485 | Female Spawner | 2161 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 415 | Female Spawner | 2162 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 570 | Female Spawner | 2163 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 500 | Female Spawner | 2164 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 460 | Male Spawner   | 2165 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 530 | Male Spawner   | 2166 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 575 | Male Spawner   | 2167 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 530 | Male Spawner   | 2168 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 450 | Female Spawner | 2169 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 530 | Male Spawner   | 2170 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 590 | Male Spawner   | 2171 | No | Grey | Zone 2 |
| Anadromous | 23-Sep-14 | 6 | 460 | Female Spawner | 2172 | No | Grey | Zone 2 |

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|                 |           |   |     |        |          |      |    |           |      |      |        |
|-----------------|-----------|---|-----|--------|----------|------|----|-----------|------|------|--------|
| Anadromous      | 23-Sep-14 | 6 | 605 | Female | Spawner  | 2173 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 6 | 670 | Male   | Spawner  | 2174 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 6 | 455 | Male   | Spawner  | 2175 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 6 | 510 | Female | Spawner  |      | No | Recapture | 1834 | Red  | Zone 2 |
| Anadromous      | 23-Sep-14 | 6 | 690 | Male   | Spawner  | 2176 | No |           |      | Grey | Zone 2 |
| Freshwater juv. | 23-Sep-14 | 6 | 208 |        | Immature |      | No |           |      |      | Zone 2 |
| Resident        | 23-Sep-14 | 6 | 243 | Male   | Spawner  |      |    |           |      |      | Zone 2 |
| Resident        | 23-Sep-14 | 6 | 161 | Male   | Spawner  |      |    |           |      |      | Zone 2 |
| Resident        | 23-Sep-14 | 6 | 185 | Male   | Spawner  |      |    |           |      |      | Zone 2 |
| Anadromous      | 23-Sep-14 | 7 | 560 | Female | Spawner  | 2177 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 7 | 575 | Male   | Spawner  | 2178 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 7 | 575 | Male   | Spawner  | 2179 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 7 | 525 | Female | Spawner  | 2180 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 7 | 470 | Female | Spawner  | 2181 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 7 | 575 | Female | Spawner  | 2182 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 7 | 565 | Female | Spawner  | 2183 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 7 | 565 | Male   | Spawner  | 2184 | No |           |      | Grey | Zone 2 |
| Anadromous      | 23-Sep-14 | 7 | 515 | Male   | Spawner  | 2185 | No |           |      | Grey | Zone 2 |
| Freshwater juv. | 23-Sep-14 | 7 | 182 |        | Immature |      | No |           |      |      | Zone 2 |
| Resident        | 23-Sep-14 | 7 | 185 | Male   | Spawner  |      |    |           |      |      | Zone 2 |
| Resident        | 23-Sep-14 | 7 | 252 | Male   | Spawner  |      |    |           |      |      | Zone 2 |
| Resident        | 23-Sep-14 | 7 | 200 | Male   | Spawner  |      |    |           |      |      | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 635 | Male   | Spawner  | 2186 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 780 | Male   | Spawner  | 2187 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 665 | Male   | Spawner  | 2188 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 455 | Female | Spawner  | 2189 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 530 | Female | Spawner  | 2190 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 440 | Female | Spawner  | 2191 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 455 | Female | Spawner  | 2192 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 515 | Male   | Spawner  | 2193 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 525 | Male   | Spawner  | 2194 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 525 | Female | Spawner  | 2195 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 665 | Male   | Spawner  | 2196 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 650 | Male   | Spawner  | 2197 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 490 | Female | Spawner  | 2198 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 450 | Female | Spawner  | 2199 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 460 | Female | Spawner  | 2200 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 430 | Male   | Spawner  | 2201 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 625 | Female | Spawner  | 2202 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 715 | Male   | Spawner  | 2203 | No |           |      | Grey | Zone 2 |
| Anadromous      | 25-Sep-14 | 8 | 460 | Female | Spawner  | 2204 | No |           |      | Grey | Zone 2 |

|            |           |   |     |        |         |      |    |           |     |      |        |
|------------|-----------|---|-----|--------|---------|------|----|-----------|-----|------|--------|
| Anadromous | 25-Sep-14 | 8 | 260 |        | Silver  |      | No |           |     |      | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 510 | Female | Spawner | 2205 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 560 | Female | Spawner |      | No | Recapture | 354 | Red  | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 485 | Female | Spawner | 2206 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 465 | Female | Spawner | 2207 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 295 |        | Silver  |      | No |           |     |      | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 530 | Female | Spawner | 2208 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 480 | Female | Spawner | 2209 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 495 | Female | Spawner | 2210 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 480 | Female | Spawner | 2211 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 300 |        | Silver  | 2212 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 250 |        | Silver  |      | No |           |     |      | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 300 |        | Silver  | 2213 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 470 | Male   | Spawner | 2214 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 470 | Female | Spawner | 2215 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 485 | Female | Spawner | 2216 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 615 | Male   | Spawner | 2217 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 505 | Female | Spawner | 2218 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 550 | Female | Spawner |      | No | Recapture | 233 | Red  | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 480 | Female | Spawner | 2219 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 485 | Female | Spawner | 2220 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 8 | 475 | Female | Spawner | 2221 | No |           |     | Grey | Zone 2 |
| Resident   | 25-Sep-14 | 8 | 170 | Male   | Spawner |      |    |           |     |      | Zone 2 |
| Resident   | 25-Sep-14 | 8 | 265 | Male   | Spawner |      |    |           |     |      | Zone 2 |
| Resident   | 25-Sep-14 | 8 | 195 | Male   | Spawner |      |    |           |     |      | Zone 2 |
| Resident   | 25-Sep-14 | 8 | 220 | Male   | Spawner |      |    |           |     |      | Zone 2 |
| Resident   | 25-Sep-14 | 8 | 170 | Male   | Spawner |      |    |           |     |      | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 605 | Male   | Spawner | 2222 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 595 | Female | Spawner |      | No |           |     |      | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 660 | Male   | Spawner | 2225 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 560 | Female | Spawner | 2226 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 555 | Male   | Spawner | 2227 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 470 | Female | Spawner | 2228 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 525 | Female | Spawner | 2229 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 275 |        | Silver  |      | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 455 | Female | Spawner | 2230 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 465 | Male   | Spawner | 2231 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 275 |        | Silver  |      | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 430 | Male   | Spawner | 2232 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 580 | Female | Spawner | 2233 | No |           |     | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 9 | 490 | Female | Spawner | 2234 | No |           |     | Grey | Zone 2 |

|            |           |    |     |        |         |      |    |           |      |       |        |
|------------|-----------|----|-----|--------|---------|------|----|-----------|------|-------|--------|
| Anadromous | 25-Sep-14 | 9  | 565 | Male   | Spawner | 2235 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 9  | 530 | Female | Spawner | 2236 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 9  | 525 | Female | Spawner | 2237 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 9  | 600 | Female | Spawner | 2238 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 9  | 535 | Male   | Spawner | 2239 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 9  | 520 | Female | Spawner | 2240 | No |           |      | Grey  | Zone 2 |
| Resident   | 25-Sep-14 | 9  | 285 | Male   | Spawner |      |    |           |      |       | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 570 | Female | Spawner | 2241 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 565 | Female | Spawner | 2242 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 465 | Female | Spawner | 2243 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 600 | Male   | Spawner | 2244 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 495 | Female | Spawner | 2245 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 685 | Male   | Spawner | 2246 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 595 | Male   | Spawner |      | No | Recapture | 210  | Red   | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 620 | Male   | Spawner | 2247 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 620 | Male   | Spawner |      | No | Recapture | 1186 | Brown | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 510 | Female | Spawner | 2248 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 530 | Female | Spawner | 2249 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 480 | Female | Spawner | 2250 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 490 | Female | Spawner | 2251 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 575 | Female | Spawner | 2252 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 450 | Female | Spawner | 2253 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 555 | Female | Spawner | 2254 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 560 | Female | Spawner | 2255 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 560 | Male   | Spawner |      | No | Recapture | 1828 | Red   | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 640 | Male   | Spawner | 2256 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 335 |        | Silver  | 2257 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 560 | Male   | Spawner | 2258 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 445 | Female | Spawner | 2259 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 560 | Female | Spawner | 2260 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 480 | Female | Spawner | 2261 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 595 | Female | Spawner | 2262 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 480 | Female | Spawner | 2263 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 365 | Male   | Spawner |      | No |           |      |       | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 560 | Female | Spawner | 2264 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 510 | Male   | Spawner | 2265 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 580 | Female | Spawner | 2266 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 530 | Female | Spawner |      | No | Recapture | 1091 | Brown | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 545 | Female | Spawner | 2267 | No |           |      | Grey  | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 585 | Female | Spawner |      | No | Recapture | 1361 | Brown | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 430 | Male   | Spawner | 2268 | No |           |      | Grey  | Zone 2 |

|            |           |    |     |        |         |      |    |           |      |      |        |
|------------|-----------|----|-----|--------|---------|------|----|-----------|------|------|--------|
| Anadromous | 25-Sep-14 | 10 | 485 | Male   | Spawner | 2269 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 520 | Female | Spawner | 2270 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 510 | Female | Spawner | 2271 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 570 | Female | Spawner | 2272 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 550 | Female | Spawner | 2273 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 10 | 545 | Male   | Spawner | 2274 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 590 | Male   | Spawner | 2275 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 395 | Male   | Spawner |      | No |           |      |      | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 480 | Female | Spawner | 2276 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 305 |        | Silver  | 2277 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 570 | Male   | Spawner | 2278 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 610 | Male   | Spawner | 2279 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 660 | Male   | Spawner | 2282 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 525 | Female | Spawner | 2283 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 560 | Male   | Spawner |      | No | Recapture | 1708 | Red  | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 470 | Male   | Spawner | 2284 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 435 | Female | Spawner | 2285 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 485 | Female | Spawner | 2286 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 495 | Female | Spawner | 2287 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 605 | Male   | Spawner | 2288 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 565 | Female | Spawner | 2289 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 495 | Male   | Spawner | 2290 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 465 | Female | Spawner | 2291 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 590 | Male   | Spawner | 2292 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 460 | Female | Spawner | 2295 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 530 | Male   | Spawner | 2296 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 500 | Male   | Spawner | 2297 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 545 | Female | Spawner | 2298 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 475 | Female | Spawner | 2299 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 460 | Female | Spawner | 2300 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 485 | Female | Spawner | 2301 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 470 | Female | Spawner | 2302 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 445 | Female | Spawner | 2303 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 370 |        | Silver  | 2304 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 575 | Male   | Spawner |      | No | Recapture | 1658 | Red  | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 560 | Male   | Spawner | 2305 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 570 | Male   | Spawner | 2306 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 505 | Male   | Spawner | 2307 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 500 | Female | Spawner | 2308 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 515 | Female | Spawner | 2309 | No |           |      | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 490 | Female | Spawner | 2310 | No |           |      | Grey | Zone 2 |

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|            |           |    |     |        |         |      |    |      |        |
|------------|-----------|----|-----|--------|---------|------|----|------|--------|
| Anadromous | 25-Sep-14 | 11 | 455 | Female | Spawner | 2311 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 420 | Female | Spawner | 2312 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 520 | Female | Spawner | 2313 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 430 |        | Silver  | 2314 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 460 | Female | Spawner | 2315 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 560 | Female | Spawner | 2316 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 430 | Female | Spawner | 2317 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 480 | Female | Spawner | 2318 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 520 | Female | Spawner | 2319 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 550 | Female | Spawner | 2320 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 490 | Female | Spawner | 2321 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 430 | Female | Spawner | 2322 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 530 | Female | Spawner | 2323 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 530 | Female | Spawner | 2324 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 705 |        | Silver  | 2325 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 560 | Female | Spawner | 2326 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 415 |        | Silver  | 2327 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 535 | Female | Spawner | 2328 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 505 | Female | Spawner | 2329 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 390 | Female | Spawner |      | No |      | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 430 | Female | Spawner | 2330 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 520 | Male   | Spawner | 2331 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 410 | Female | Spawner | 2332 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 460 | Male   | Spawner | 2333 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 350 |        | Silver  | 2334 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 260 |        | Silver  |      | No |      | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 480 | Female | Spawner | 2335 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 605 | Male   | Spawner | 2336 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 495 | Male   | Spawner | 2337 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 500 | Female | Spawner | 2338 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 560 | Female | Spawner | 2339 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 475 | Female | Spawner | 2340 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 465 | Female | Spawner | 2341 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 470 | Female | Spawner | 2342 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 360 | Male   | Spawner |      | No |      | Zone 2 |
| Anadromous | 25-Sep-14 | 11 | 470 | Female | Spawner | 2343 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 540 | Female | Spawner | 2344 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 490 |        | Silver  | 2345 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 520 | Female | Spawner | 2346 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 530 | Female | Spawner | 2347 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 610 | Male   | Spawner | 2348 | No | Grey | Zone 2 |

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|            |           |    |     |        |         |      |    |      |        |
|------------|-----------|----|-----|--------|---------|------|----|------|--------|
| Anadromous | 25-Sep-14 | 12 | 505 | Female | Spawner | 2349 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 460 | Female | Spawner | 2350 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 430 | Female | Spawner | 2351 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 530 | Female | Spawner | 2352 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 600 | Male   | Spawner | 2353 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 505 | Female | Spawner | 2354 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 530 | Female | Spawner | 2355 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 545 | Female | Spawner | 2356 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 410 | Male   | Spawner | 2357 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 450 | Female | Spawner | 2358 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 470 | Female | Spawner | 2359 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 515 | Female | Spawner | 2360 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 505 | Female | Spawner | 2361 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 485 | Female | Spawner | 2362 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 530 | Female | Spawner | 2363 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 425 | Female | Spawner | 2364 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 590 | Female | Spawner | 2365 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 440 | Male   | Spawner | 2366 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 545 | Male   | Spawner | 2367 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 480 | Female | Spawner | 2368 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 400 | Male   | Spawner | 2369 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 290 |        | Silver  |      | No |      | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 570 | Male   | Spawner | 2370 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 405 | Male   | Spawner | 2371 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 500 | Male   | Spawner | 2374 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 450 | Female | Spawner | 2375 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 475 | Male   | Spawner | 2376 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 490 | Male   | Spawner | 2377 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 435 |        | Silver  | 2378 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 430 | Male   | Spawner | 2379 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 270 |        | Silver  |      | No |      | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 460 | Female | Spawner | 2380 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 580 |        | Silver  | 2381 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 455 |        | Silver  | 2382 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 485 | Female | Spawner | 2383 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 445 | Female | Spawner | 2384 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 515 | Female | Spawner | 2385 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 580 | Female | Spawner | 2386 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 450 | Male   | Spawner | 2387 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 425 |        | Silver  | 2388 | No | Grey | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 420 | Female | Spawner | 2389 | No | Grey | Zone 2 |

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|            |           |    |     |        |         |      |       |                  |           |      |        |        |
|------------|-----------|----|-----|--------|---------|------|-------|------------------|-----------|------|--------|--------|
| Anadromous | 25-Sep-14 | 12 | 380 | Male   | Spawner |      | No    |                  |           |      | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 475 |        | Silver  | 2390 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 445 | Female | Spawner | 2391 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 390 |        | Silver  | 2392 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 490 | Female | Spawner | 2393 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 565 | Female | Spawner | 2394 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 465 | Female | Spawner | 2395 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 435 | Female | Spawner | 2396 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 495 | Female | Spawner | 2397 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 470 | Female | Spawner | 2398 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 570 | Female | Spawner | 2399 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 420 | Female | Spawner | 2400 | No    |                  |           | Grey | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 360 | Male   | Spawner |      | No    |                  |           |      | Zone 2 |        |
| Anadromous | 25-Sep-14 | 12 | 525 | Female | Spawner |      | No    |                  | Recapture | 1917 | Red    | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 525 | Female | Spawner |      | No    |                  | Recapture | 1977 | Red    | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 525 | Female | Spawner | 2401 | No    |                  |           |      | Grey   | Zone 2 |
| Anadromous | 25-Sep-14 | 12 | 495 | Female | Spawner | 2402 | No    |                  |           |      | Grey   | Zone 2 |
| Anadromous | 25-Sep-14 | 13 | 560 | Male   | Spawner | 2403 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 345 |        | Silver  | 2404 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 535 | Male   | Spawner | 2405 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 430 | Female | Spawner | 2406 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 485 | Female | Spawner |      | No    |                  | Recapture | 633  | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 455 | Female | Spawner | 2407 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 540 | Male   | Spawner | 2408 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 450 | Female | Spawner | 2409 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 305 |        | Silver  | 2410 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 320 |        | Silver  | 2411 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 530 | Female | Spawner | 2412 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 280 |        | Silver  |      | No    |                  |           |      |        | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 280 |        | Silver  |      | No    |                  |           |      |        | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 575 | Male   | Spawner | 2413 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 450 | Male   | Spawner | 2414 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 340 |        | Silver  | 2415 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 290 |        | Silver  |      | No    |                  |           |      |        | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 300 |        | Silver  | 2416 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 385 | Female | Spawner | 2417 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 410 | Male   | Spawner |      | No    |                  | Recapture | 1757 | Red    | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 545 | Female | Spawner | 2418 | Wound | Posterior dorsal |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 600 | Female | Spawner | 2419 | No    |                  |           |      | Grey   | Zone 3 |
| Anadromous | 25-Sep-14 | 13 | 470 | Female | Spawner | 2420 | No    |                  |           |      | Grey   | Zone 3 |



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|                 |           |    |     |        |          |        |    |      |        |
|-----------------|-----------|----|-----|--------|----------|--------|----|------|--------|
| Anadromous      | 25-Sep-14 | 13 | 655 | Male   | Spawner  | 2421   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 590 | Female | Spawner  | 2422   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 505 | Female | Spawner  | 2423   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 290 |        | Silver   |        | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 450 | Female | Spawner  | 2424   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 385 | Female | Spawner  |        | No |      | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 265 |        | Silver   |        | No |      | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 445 | Female | Spawner  | 2425   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 595 | Female | Spawner  | 2426   | No | Grey | Zone 3 |
| Freshwater juv. | 25-Sep-14 | 13 | 200 |        | Immature |        | No |      | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 470 | Female | Spawner  | 2427   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 485 | Female | Spawner  | 2428   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 460 | Female | Spawner  | 2429   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 395 | Male   | Spawner  |        | No |      | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 495 | Female | Spawner  | 2430   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 440 | Female | Spawner  | 2431   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 485 | Female | Spawner  | 2432   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 350 |        | Silver   | 2433   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 290 |        | Silver   |        | No |      | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 460 | Female | Spawner  | 2434   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 290 |        | Silver   |        | No |      | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 435 | Male   | Spawner  | 2435   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 265 |        | Silver   |        | No |      | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 375 |        | Silver   | 2436   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 530 | Female | Spawner  | 2437   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 510 | Female | Spawner  | 2438   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 285 |        | Silver   |        | No |      | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 520 | Female | Spawner  | 2439   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 485 | Female | Spawner  | 2440   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 430 | Female | Spawner  | 2441   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 485 | Female | Spawner  | 2442   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 470 | Female | Spawner  | 2446   | No | Grey | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 285 |        | Silver   |        | No |      | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 265 |        | Silver   |        | No |      | Zone 3 |
| Anadromous      | 25-Sep-14 | 13 | 250 |        | Silver   | No tag | No |      | Zone 3 |
| Freshwater juv. | 25-Sep-14 | 13 | 215 |        | Immature |        | No |      | Zone 3 |
| Resident        | 25-Sep-14 | 13 | 210 | Male   | Spawner  |        |    |      | Zone 3 |
| Resident        | 25-Sep-14 | 13 | 275 | Male   | Spawner  |        |    |      | Zone 3 |
| Resident        | 25-Sep-14 | 13 | 210 | Male   | Spawner  |        |    |      | Zone 3 |

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## APPENDIX 2

Table A2-1: Mann-Whitney test (U) or two-sample t-test examining for differences in length between sampling years for anadromous Dolly Varden identified as A) female (bottom diagonal) and male (top diagonal) spawners, and B) non-spawners that were captured by seining at the spawning and overwintering area in 1987 and 2010-2014. Statistically significant results ( $p \leq 0.05$ ) are in bold.

A)

| Year | 2014                       | 2013                          | 2012                       | 2011                          | 2010                      | 1987                          |
|------|----------------------------|-------------------------------|----------------------------|-------------------------------|---------------------------|-------------------------------|
| 2014 |                            | <b>t=-1.4 (1,190), p=0.17</b> | <b>U=5913, p&lt;0.001</b>  | U=3786, p=0.26                | t=0.44(1,172), p=0.66     | t=-1.1 (1,206), p=0.29        |
| 2013 | U=14914, p=0.98            |                               | <b>U=3934, p&lt;0.001</b>  | <b>U=2441, p=0.01</b>         | t=1.8(1,146), p=0.07      | <b>t=-2.6 (1,180), p=0.01</b> |
| 2012 | <b>U=13513, p&lt;0.001</b> | <b>U=7883, p&lt;0.001</b>     |                            | <b>U=4249, p&lt;0.001</b>     | <b>U=3326, p&lt;0.001</b> | <b>U=10238, p&lt;0.001</b>    |
| 2011 | <b>U=11487, p=0.04</b>     | t=1.7 (1,246),p=0.09          | <b>U= 7270, p&lt;0.001</b> |                               | U=2212, p=0.23            | U=3599, p=0.53                |
| 2010 | <b>U=11649, p=0.002</b>    | <b>U=6610, p=0.004</b>        | <b>U=4342, p&lt;0.001</b>  | <b>U=4284, p&lt;0.001</b>     |                           | t=-0.56 (1,162), p=0.58       |
| 1987 | <b>U=16585, p=0.48</b>     | t=0.79 (1,281), p=0.43        | <b>U=7965, p&lt;0.001</b>  | <b>t=2.7 (1,267), p=0.007</b> | <b>U=7978, p=0.01</b>     |                               |

B)

| Year | 2014                       | 2013                       | 2012                     | 2011                        | 2010                     |
|------|----------------------------|----------------------------|--------------------------|-----------------------------|--------------------------|
| 2013 | <b>U=20420, p&lt;0.001</b> |                            |                          |                             |                          |
| 2012 | U=14296, p= 0.064          | <b>U= 27629, p= 0.01</b>   |                          |                             |                          |
| 2011 | U= 11447, p=0.86           | <b>U=17127, p&lt;0.001</b> | <b>U=12093, p=0.18</b>   |                             |                          |
| 2010 | <b>U=16217, p&lt;0.001</b> | U= 40439, p=0.27           | <b>U= 21918, p=0.002</b> | <b>U= 14361, p&lt;0.001</b> |                          |
| 1987 | U= 10430, p=0.193          | <b>U= 18453, p= 0.002</b>  | U= 12833, p=0.18         | U= 9328, p=0.28             | <b>U= 15720, p=0.007</b> |