

Use new form for each day and crew

Nechako White Sturgeon - Biological Data Form



Date: ____ - ____ - ____

Crew: _____

yyyy - mmm - dd

Form #: ____ of ____

Project: _____

Fish No.	Gear Type	rkm	RECAP	Origin	HK SIZE	PIT <small>(write "Ø" for O's; "d" for D)</small>	TAGS @ CAPT (Y/N)			SCUTE MRKS @ CAPT	LENGTH (0.1 cm)		GIRTH (cm)	WEIGHT <small>(corrected for sling wgt)</small>		SEX MAT CODE	Otc (cc)/N	New FIN RAY Taken (Y/N)	New DNA Taken (Y/N)	TAGS @ REL (Y/N)			SCUTE MRKS @ REL	Fate	Brood Screen	Radio Tagging Info <small>Status: A = applied NEW, E = existing, R = removed</small>																				
			Y/N				P	R	F	eg. R2	Fork	Total		kg	lb					P	R	A	eg. R2			Freq.	Code	Status																		
1	Comments: _____																								Acoustic Tag	Code:	Serial #:																			
																									<u>Male External Exam</u>																					
																										0	1	2	3																	
2	Comments: _____																								Acoustic Tag	Code:	Serial #:																			
																									<u>Male External Exam</u>																					
																										0	1	2	3																	
3	Comments: _____																								Acoustic Tag	Code:	Serial #:																			
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																										0	1	2	3																	
4	Comments: _____																								Acoustic Tag	Code:	Serial #:																			
																									<u>Male External Exam</u>																					
																										0	1	2	3																	
5	Comments: _____																								Acoustic Tag	Code:	Serial #:																			
																									<u>Male External Exam</u>																					
																										0	1	2	3																	

Gear Type:

SSL - Short Setline
 MSL - Medium Setline
 LSL - Long Setline
 JSSL - Juvenile setline
 ANG - Angling
 TR - Cod Trap
 GN - Gillnet

Origin:

W = Wild
 H = Hatchery
 U = Unknown

Fate:

R = Released
 B = Brood

Brood Screen:

MF = Middle Fraser
 N = Nechako
 UF = Upper Fraser

Sex Codes:

Males: 01-07; 10 (mat. unk.)
 Females: 11-17; 20 (mat. unk.)

Juvenile: (< 1-m FL): 98
 Adult: (> 1-m FL): 97

Male External Exam:

0 = Clear
 1 = Slightly Milky
 2 = "Skim Milk"
 3 = "Milkshake"

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							P	R	F		Fork	Total		kg	lb					P	R	A				Freq.	Code	Status
6	Comments:												Acoustic Tag	Code:		Serial #:												
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																								0	1	2	3	
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																								0	1	2	3	
8	Comments:												Acoustic Tag	Code:		Serial #:												
																								<u>Male External Exam</u>				
																								0	1	2	3	
9	Comments:												Acoustic Tag	Code:		Serial #:												
																								<u>Male External Exam</u>				
																								0	1	2	3	
10	Comments:												Acoustic Tag	Code:		Serial #:												
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																								0	1	2	3	

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Comments: Record:
 Surgery Remarks, Marks and Scars, Previous Finray Taken, Fish Disposition, Photo

Males:

- 01 - Non-reproductive testes appear as thin strips with no pigmentation
- 02 - Maturing; small testes; some folding apparent; translucent, smoky pigmentation
- 03 - Early reproductive large testes, folds beginning to form lobes; some pigmentation still present; testes more white than cream coloured
- 04 - Late reproductive; large testes, often filling posterior of body cavity white with little or no pigmentation
- 05 - Ripe; milt flowing; large white lobular testes; no pigmentation
- 06 - Spent; testes pinkish white, flaccid, and strongly lobed
- 10 - General unknown maturity

Females:

- 11 - Non-reproductive; ovaries small, folded with no visible oocytes; tissue colour white to yellowish
- 12 - Pre-vitellogenic, moderate size ovary with small eggs present (0.2 to 0.5mm diameter); may have "salt and pepper" appearance.
- 13 - Early vitellogenic; large ovary varying in colour from white to yellowish-cream to light grey; eggs 0.6 to 2.1 mm.
- 14 - Late vitellogenic; ovaries large with pigmented oocytes still attached to ovarian tissue; eggs 2.2 to 2.9 mm ; sometimes with salt and pepper appearance.
- 15 - Ripe; eggs fully pigmented and easily detached from ovarian tissue; eggs 3.0 to 3.4 mm..
- 16 - Spent; ovaries are flaccid with some residual full developed eggs
- 17 - Pre-vitellogenic with attritic oocytes; small eggs (<0.5 mm) oresentl dark pigmented tissue present that may be reabsorbed eggs
- 20 - General unknown maturity