

**\*Use new form for each day and crew\*** **Nechako White Sturgeon - Biological Data Form**



Date: \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
 yyyy - mmm - dd

Crew: \_\_\_\_\_

Form # : \_\_\_\_ of \_\_\_\_

Project: \_\_\_\_\_

River: \_\_\_\_\_

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

**Male External Exam:**  
 0 = Clear  
 1 = Slightly Milky  
 2 = "Skim Milk"  
 3 = "Milkshake"

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6																																
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**Sex Codes:**

**Juvenile:** (< 1-m FL): 98

**Adult:** (> 1-m FL): 97

**Comments:** Record:

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

**Males:**

- 01 - Non-reproductivel testes appeat 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 cavityl 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

**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