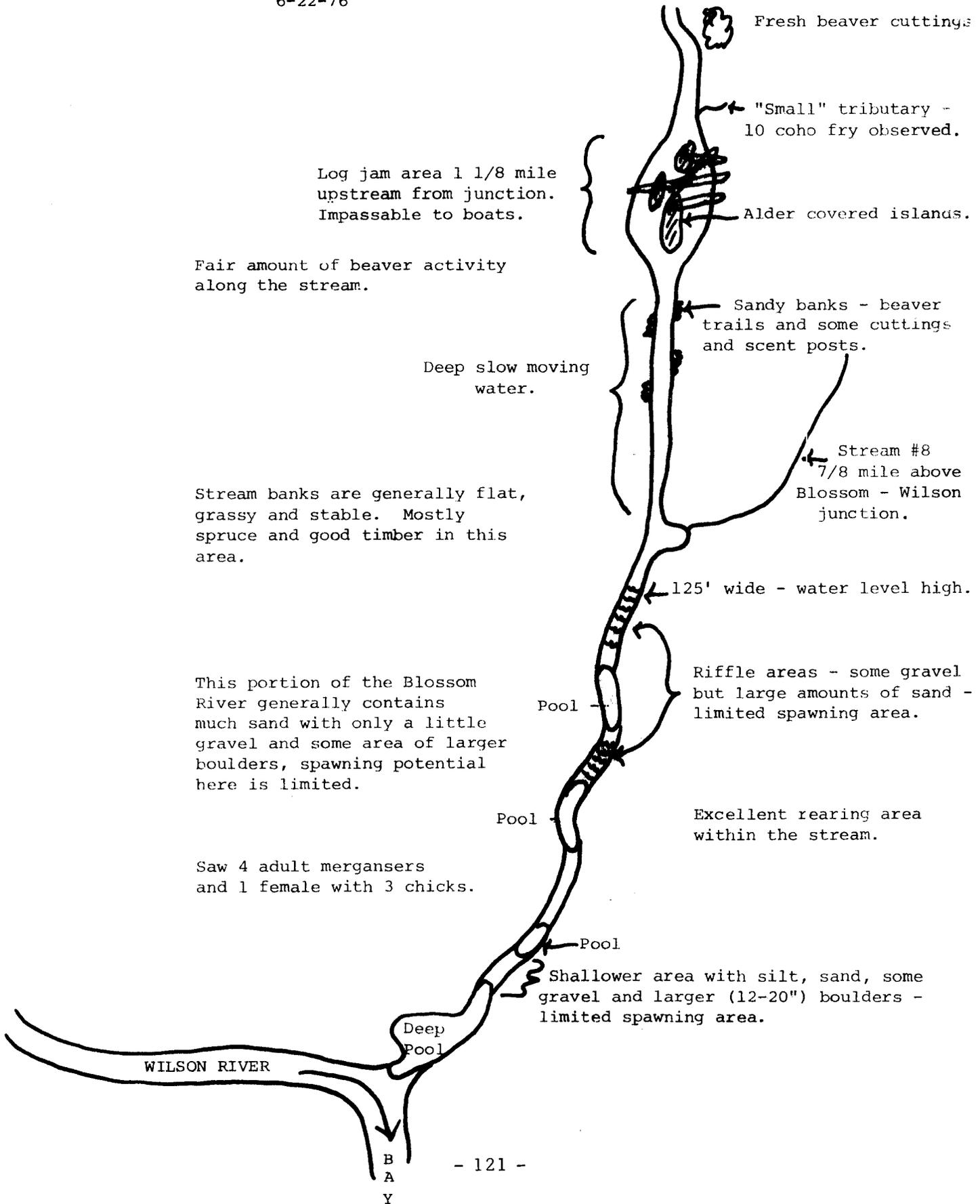


Blossom River
Log jam to Wilson River
P.Larson, B.Wood, G.Downey
6-22-76

Blossom River
101-55-10400



Log jam area 1 1/8 mile upstream from junction. Impassable to boats.

Fair amount of beaver activity along the stream.

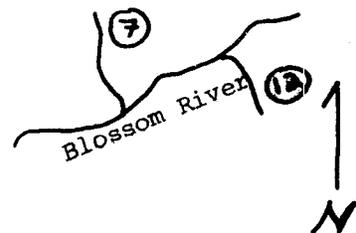
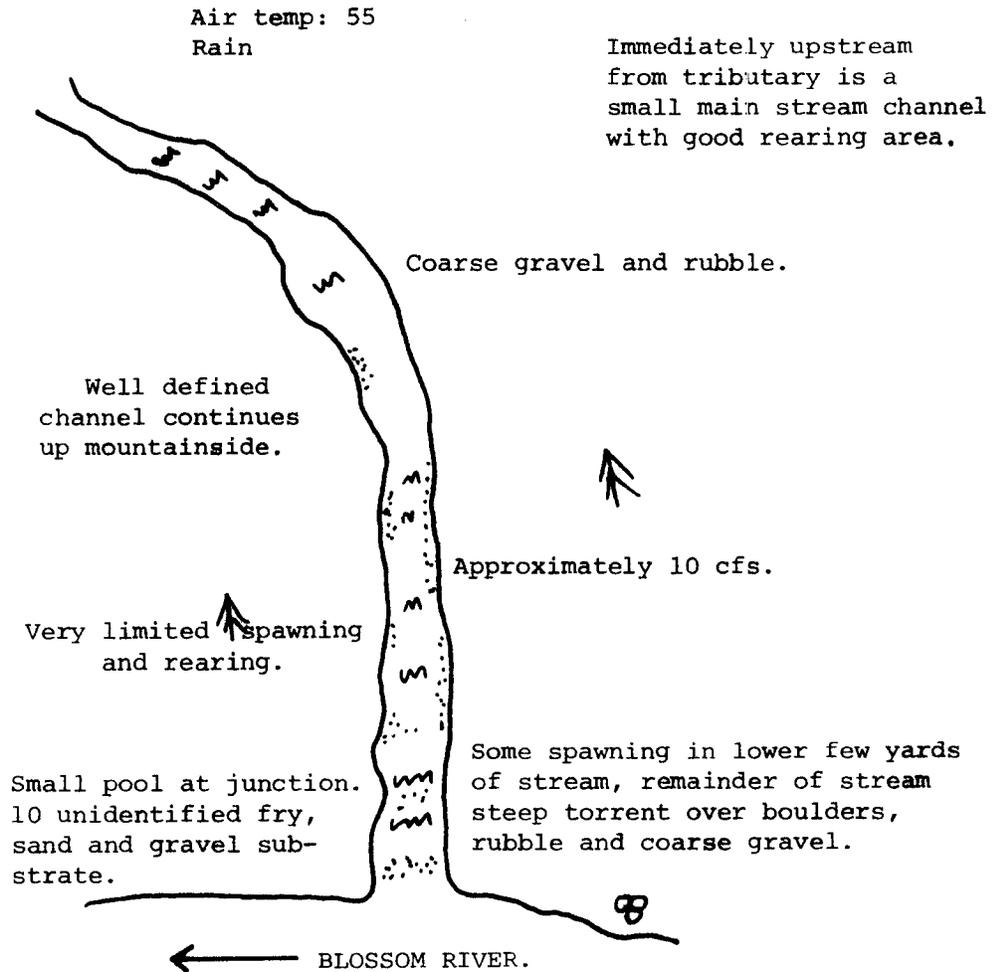
Deep slow moving water.

Stream banks are generally flat, grassy and stable. Mostly spruce and good timber in this area.

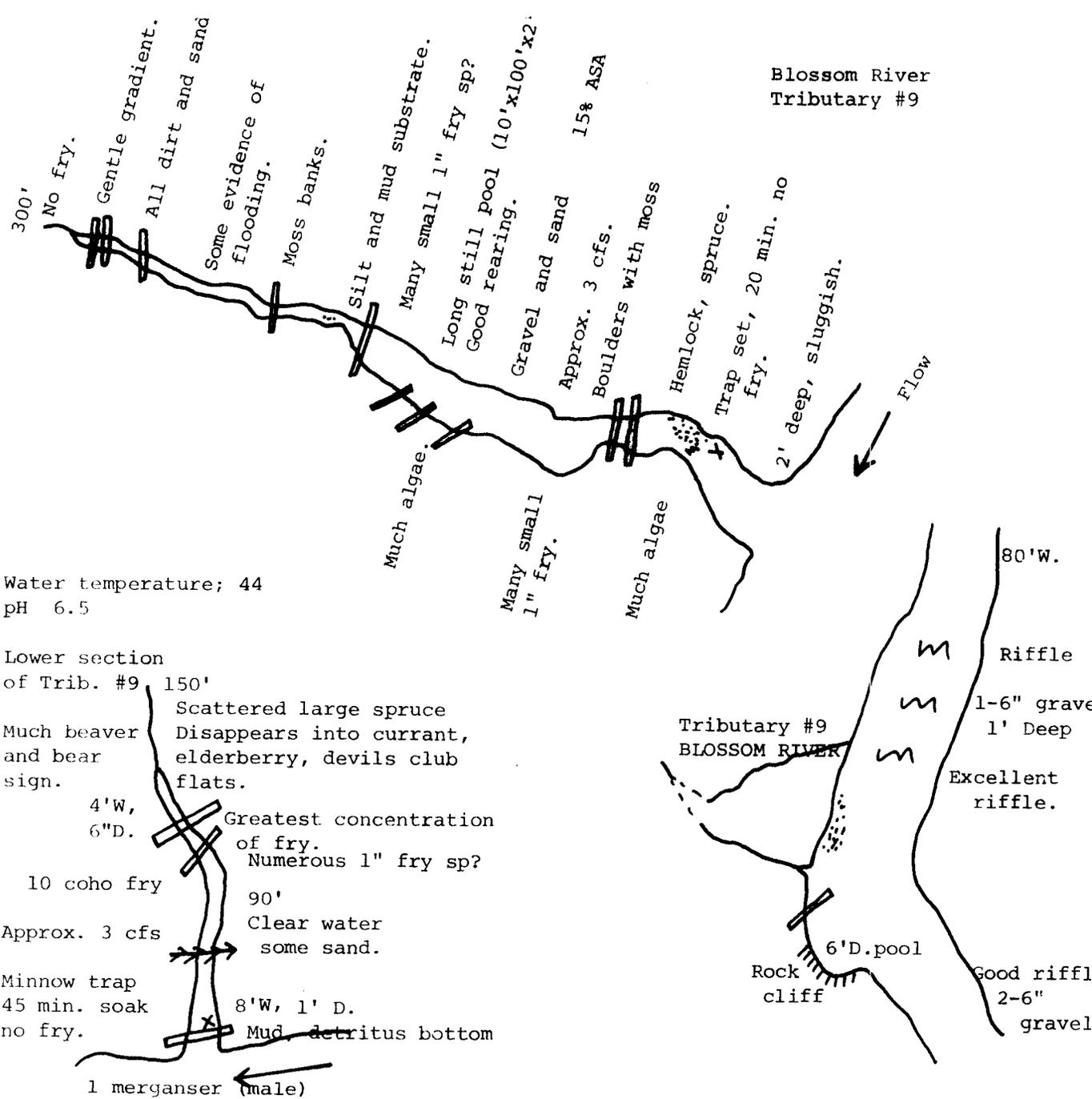
This portion of the Blossom River generally contains much sand with only a little gravel and some area of larger boulders, spawning potential here is limited.

Saw 4 adult mergansers and 1 female with 3 chicks.

This is a torrential stream with clear water and a very steep gradient. In reality there is no spawning or rearing except at the junction with the Blossom. Stream looks as though it is subject to extreme water levels.



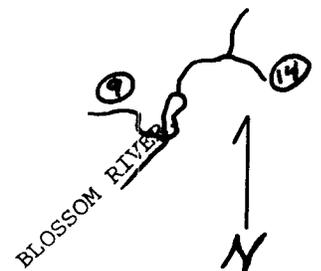
Blossom River
Tributary #9



Observers: R.Larson, T. Jackinsky.

RECOMMENDATIONS:

These small streams provide little or no spawning but have many rearing fry for their size. Streams are not utilized after the gradient begins to increase. All activity should be restricted to the top of the slopes and provisions made to minimize siltation.
6-23-76



Name: Blossom River Catalog No.: 101-55-40
 Latitude: 55 23' 43" WR No.: 101-55-10400
 Longitude: 130 26' 18" K No.: K34-1
 Geodetic Map No.: Ketchikan C-2 Work Area: Ketchikan
 Location: Smeaton Bay, Wilson Arm, large Watershed Length: 23 miles
tributary of Wilson River. Drainage Area: 110 sq. miles.
 Water Supply Type: Snowfields, glaciers, small lakes, runoff.

Trails & Survey Routes: Accessible by light skiff and outboard for about nine miles, remainder by foot, no reported trails.

Aerial Survey Notes: Easily surveyed by light plane from Keta River pass upstream, occasional strong downdrafts on SE side of valley - caution advised.

Anchorage: Large vessels anchor fair off Wilson River flats, east side. Smaller boats may enter Wilson River at high tide, anchor in pool below confluence with Wilson River.

Tide Stage when Surveyed: Second half of flood.

FISHERY RESOURCES

Commercial Fisheries: Pink, chum, king, coho - much potential for both rearing and non-rearing species.

Escapement: Hi historic: 30,000 pink (7-29-51) 4500 chum (10-5-52) 1000 coho (9-26-49) 500 king (8-13-56). Spawning area 344,000 m² (120'Wx47520'Lx65% ASA) Ave. Esc. since 1961:

Species Composition: Pink, chum, king, coho, trout 19,300

Timing: Early - July, August. Peak occurs last week of August.

Schooling Areas: Throughout first 1.3 miles of deep, slow current.

Shellfish Potential: Dungeness, tanner and (Probably) king crab, shrimp in Wilson Arm. Fair crab production lower Wilson River flats.

Sport Fisheries: Steelhead, cutthroat, Dolly Varden, king, pink, chum, coho, halibut off Wilson River flats during salmon runs.

Land Use at Present: Recreation and mineral exploration. Important waterfowl feeding and resting area.

History of Land Use: Mineral exploration, some handlogging in area.

Rehabilitation Potential: None feasible.

Soils: Relatively stable in broad lower reaches, narrow valley and steeper gradient with associated slides and erosion further upstream.

GAME RESOURCES

Bear -----	Fish carcasses or bones (old or fresh) on banks, estimate	
	XXXXXXXXXXXXXXXXXXXX Sets of tracks.	<u>2</u>
Goose -----	Number seen on tide flats	<u>65</u>
	Number seen up creek	<u>14</u>
	Number of broods seen	
Mallards ---	Number seen on tide flats	<u>10</u>
	Number seen up creek	
	Number of broods seen	
Mergansers -	Number of broods seen	<u>36</u>
Bald Eagles-	Number seen along creek	<u>2</u>
	Number of nests seen and location	
Seals -----	Number seen at mouth	<u>6</u>
Tide flats -	Estimate length along beach	<u>2</u>
	Estimate depth out from beach	<u>100 yds.</u>
	Red grass present on what percent of flats	<u>2%</u>

PEAK ESCAPEMENT RECORD

Blossom River
101-55-40

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
8-6-49	15,500	1		
7-30-50	6,000			
7-29-51	30,000			
7-29-52	6,900	50		
9-30-53	450	70	2 kings	
8-12-54	500			
7-31-55				
8-13-56	3,000		500 kings	
8-19-57	300		100 kings	
8-9-60	the only survey			Visibility poor. Lots of silt.
7-28-61		20		the only survey. Spread out.
7-18-62	4,100			Visibility excellent.
8-21-63	800	few	75 kings	
8-5-64	6,000	1,000		Good visibility, chums spawning, some dead.
8-18-65	1,000	500	few kings	Good visibility, chums spawning.
8-13-66	26,000	1,000	150 kings	All spawning. Fish entire length.
8-14-67	780-mixed			Visibility excellent except some shadow on lower stream. 400 @ mouth.
8-5-68	76,000	5,000		Visibility excellent. Mostly spread and spawning fish to block. 1000 @ mouth.
7-29-69	1,100	100		Good visibility.
8-6-70	58,300			Visibility excellent for this stream. Few 100 dead.
8-28-71	5,000			Visibility good. Small bunches really spread out - upper.
8-2-72	47,000			Visibility good, some glare, milky.

PEAK ESCAPEMENT RECORD

Blossom River
101-55-40

DATE	PINK	CHUM	OTHER SPECIES	REMARKS
8-17-73	3,700			70% chum. Visibility good.
8-14-74	40,000			Count low due to glare. Clear & calm.
8-11-75	11,000	700	146 kings	Visibility excellent.