

PAT CREEK TRIBUTARY 3 ADDITION

Stream: Pat Creek (108-10-10050) Tributary 3

Watershed: Anita Bay-Frontal Zimovia Strait

MTRS: C064S084E, Petersburg B-1

Date Surveyed: August 12, 2013

Findings: We surveyed this uncataloged tributary to Pat Creek and caught coho salmon using an electrofishing unit (Table 1). There are many beaver dams along this river (Figures 1 and 2) causing slow moving water resulting in great coho rearing habitat (Figure 3). We ended the survey when the stream turned to bedrock (Figure 4).

Table 1.– Pat Creek tributary 3 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
491	56.3540	-132.3210	Slow murky tributary entering river right.		
517	56.3539	-132.3209	Connects to Pat Creek.		
518	56.3543	-132.3207	Downstream side of 7 ft. culvert that crosses Forest Service Road.		
519	56.3551	-132.3197		EF	2 CO
520	56.3552	-132.3182	Deep pool with riffles in between.	EF	2 CO
521	56.3554	-132.3165	Old beaver dam, at higher water it is possible for fish to by pass this dam.		
522	56.3557	-132.3159	Pictures.		
523	56.3567	-132.3152	Another old beaver dam that has a hole blown out on river left. Fish just below dam.	EF	No fish
524	56.3569	-132.3151	Area that was once a beaver pond.	EF	2 CO, 2 CT
525	56.3578	-132.3140	Possible beaver dam or log jam.	EF	2 CO
526	56.3579	-132.3136	Tributary entering river left. Basically half the flow that was in stream up to this point. Tracking.		
529	56.3582	-132.3139		EF	3 CO
530	56.3586	-132.3138	Another beaver dam. Looks like at higher flows fish could possibly get up on river left.	EF	2 CO
531	56.3592	-132.3141		EF	1 DV
532	56.3595	-132.3141	Another beaver dam.	EF	2 DV, 2 CO
533	56.3605	-132.3142		EF	2 CT, 3 CO
534	56.3613	-132.3136	Tributary entering river right. Tracking.		

535	56.3613	-132.3136	Top. Spreads out and subsurface for a bit.		
536	56.3614	-132.3131	Tributary entering river right. Tracking.	HN	1 CO
537	56.3615	-132.3131	Calling it the top, no habitat, and spreads out.		
538	56.3616	-132.3125	Large beaver dam about 5 ft. But there is a way around the dam on river right. Caught 2 CO and 3 CT downstream of the dam and 1 CT just above the dam.	EF	2 CO, 4 CT
539	56.3622	-132.3127	Followed along edge of beaver pond and came to a tributary.	EF	1 CO, 1 DV
543	56.3621	-132.3125	Stream enters beaver pond (WPT's 542-543).		
544	56.3627	-132.3098	Tributary entering river right. Tracking.		
548	56.3630	-132.3088	Beaver dam, low one.		
549	56.3636	-132.3084		VI/HN	4 CO/1 CO
550	56.3640	-132.3075	Down to bedrock shelf.	EF	2 CO, 4 CT
551	56.3643	-132.3073	Calling top. Bedrock and no spawning habitat.	EF	1 DV, 3 CT



Figure 1.—One of many beaver dams on Pat Creek tributary 3.



Figure 2.—A recent pond created by a beaver dam on Pat Creek tributary 3.



Figure 3.— One electrofishing pass caught three size classes of coho salmon in Pat Creek tributary 3.

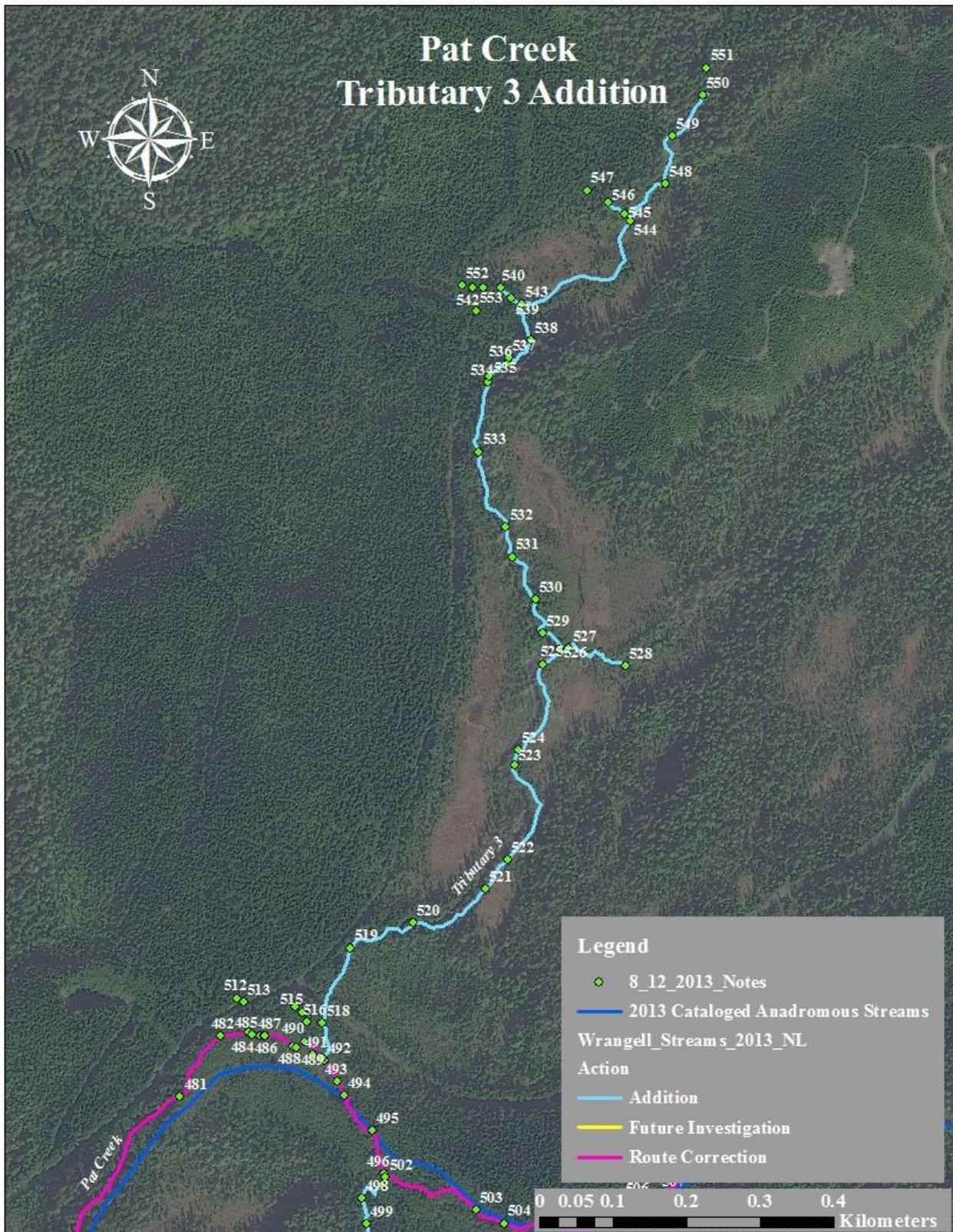


Figure 4.— Pat Creek tributary 3 addition map.