
Community Science Hitch Spawner Observation Survey

Summary and Outcomes



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09/23/2025



LAKE COUNTY
WATERSHED
PROTECTION DISTRICT



What Is Community Science?

Definition

- A form of research that provides everyone—regardless of their background—an opportunity to contribute meaningful data to further our scientific understanding of key issues
- In simple terms community science is public participation in scientific research

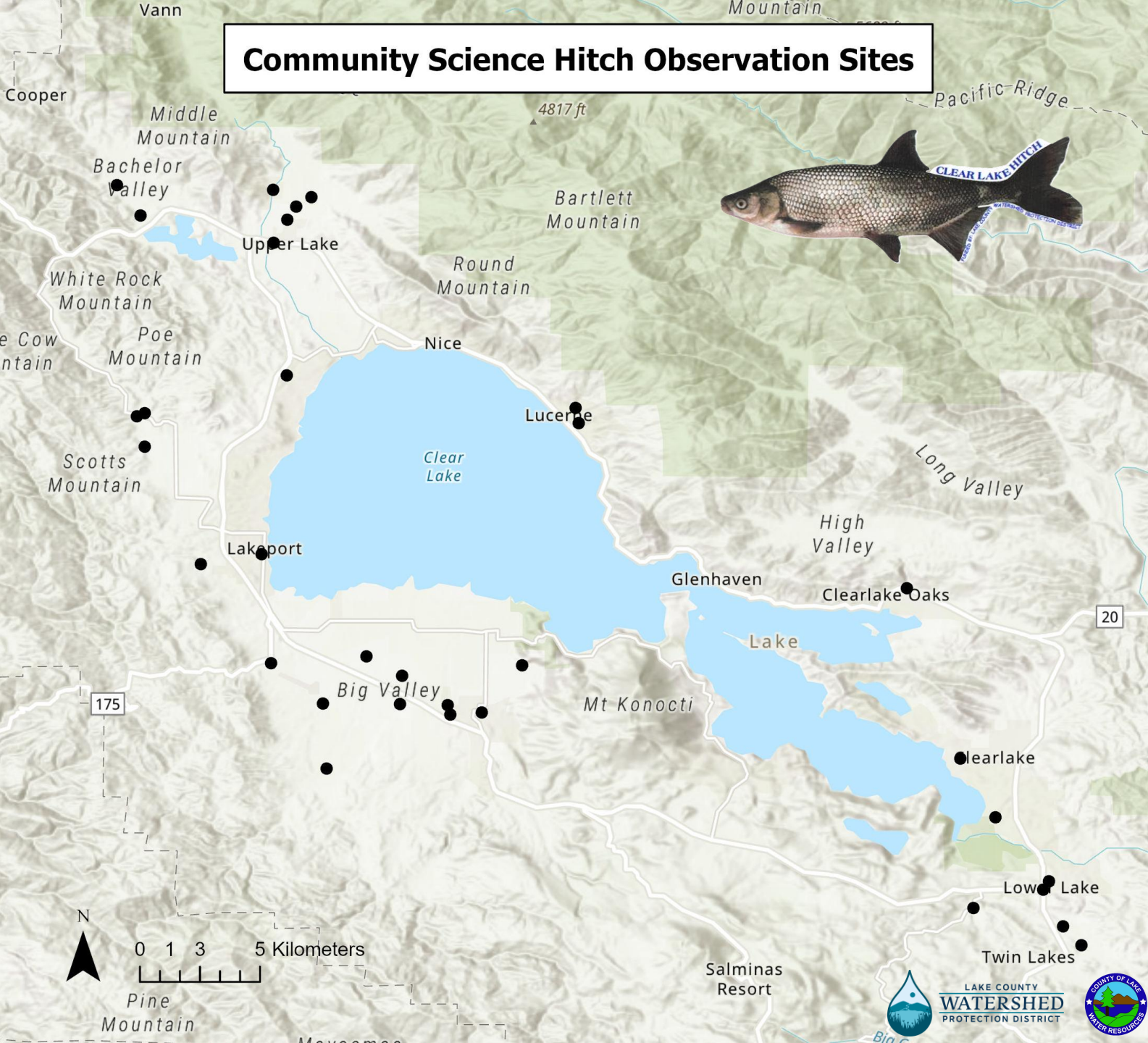


PURPOSE / GOALS

- Monitor relative population trends over time to help with long term conservation and management decisions
- Monitoring is beneficial for presence/absence before and after creek restoration projects and barrier removal efforts
- Community Involvement education / outreach / engagement
- To understand what extent hitch occupy creeks, what creeks are occupied and how far upstream they migrate to spawn
 - When do hitch enter specific creeks?
 - How long do hitch occupy each creek?

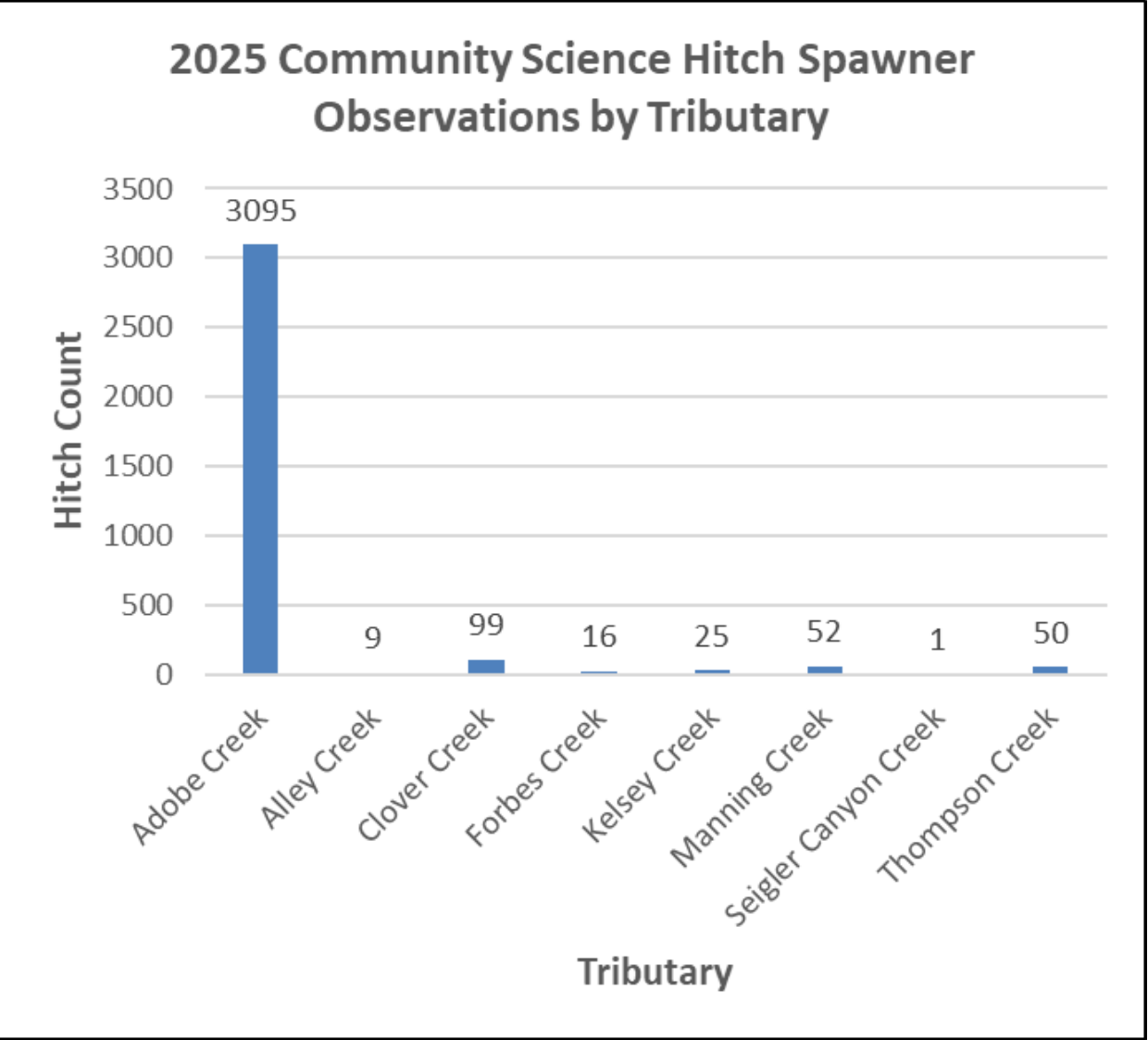


Community Science Hitch Observation Sites



Site	Creek	Street/Bridge	LAT	LONG
1	Adobe	Bell Hill Rd.	38.957398	-122.891003
2	Adobe	Big Valley Rd.	39.001154	-122.87546
3	Alley	Pitney Ln.	39.179664	-122.896878
4	Burns Valley	Memory Ln.	38.961341	-122.644465
5	Clayton	Clayton Creek Rd.	38.896082	-122.604495
6	Clover	Bridge Arbor N.	39.16189	-122.911571
7	Clover	Clover Dr.	39.170823	-122.906255
8	Clover Diversion	Elk Mountain Rd.	39.176042	-122.9028
9	Cole	Clark Dr.	38.997627	-122.814953
10	Cole	Sylar Ln.	38.979312	-122.830563
11	Cooper	Witter Springs Rd.	39.172508	-122.963285
12	Copsey	Spruce Grove Rd.	38.888742	-122.597403
13	Dayle	Witter Springs Rd.	39.184406	-122.972453
14	Forbes	S. Forbes St.	39.040814	-122.916157
15	Forbes	Keck Rd	39.036905	-122.939869
16	Hendricks	Hendricks Rd.	39.082661	-122.961813
17	Hendricks	Scotts Valley Rd.	39.094537	-122.964701
18	Hill	Merritt Rd.	38.982522	-122.862377
19	Kelsey	Main St.	38.978498	-122.842849
20	Kelsey	Merritt Rd.	38.982204	-122.843873
21	Lucerne	Country Club Dr.	39.091746	-122.79297
22	Lyons	Lakeshore Blvd.	39.110421	-122.906524
23	Manning	George Rd.	38.998421	-122.912527
24	McGaugh	Big Valley Rd.	38.993476	-122.861663
25	Middle	Rancheria Rd.	39.182582	-122.911841
26	Molesworth	Ridgeview Dr.	38.938486	-122.630877
27	Morrison	Foothill Rd.	39.097699	-122.794055
28	Schindler	E. Hwy 20	39.027545	-122.665204
29	Scotts	Eickhoff Rd.	39.095673	-122.961628
30	Seigler Canyon	Hwy 29/53	38.910485	-122.612279
31	Seigler Canyon	Jessie St.	38.913746	-122.610032
32	Seigler Canyon	Perini Rd.	38.903321	-122.639316
33	Thompson	Merritt Rd.	38.982854	-122.892325

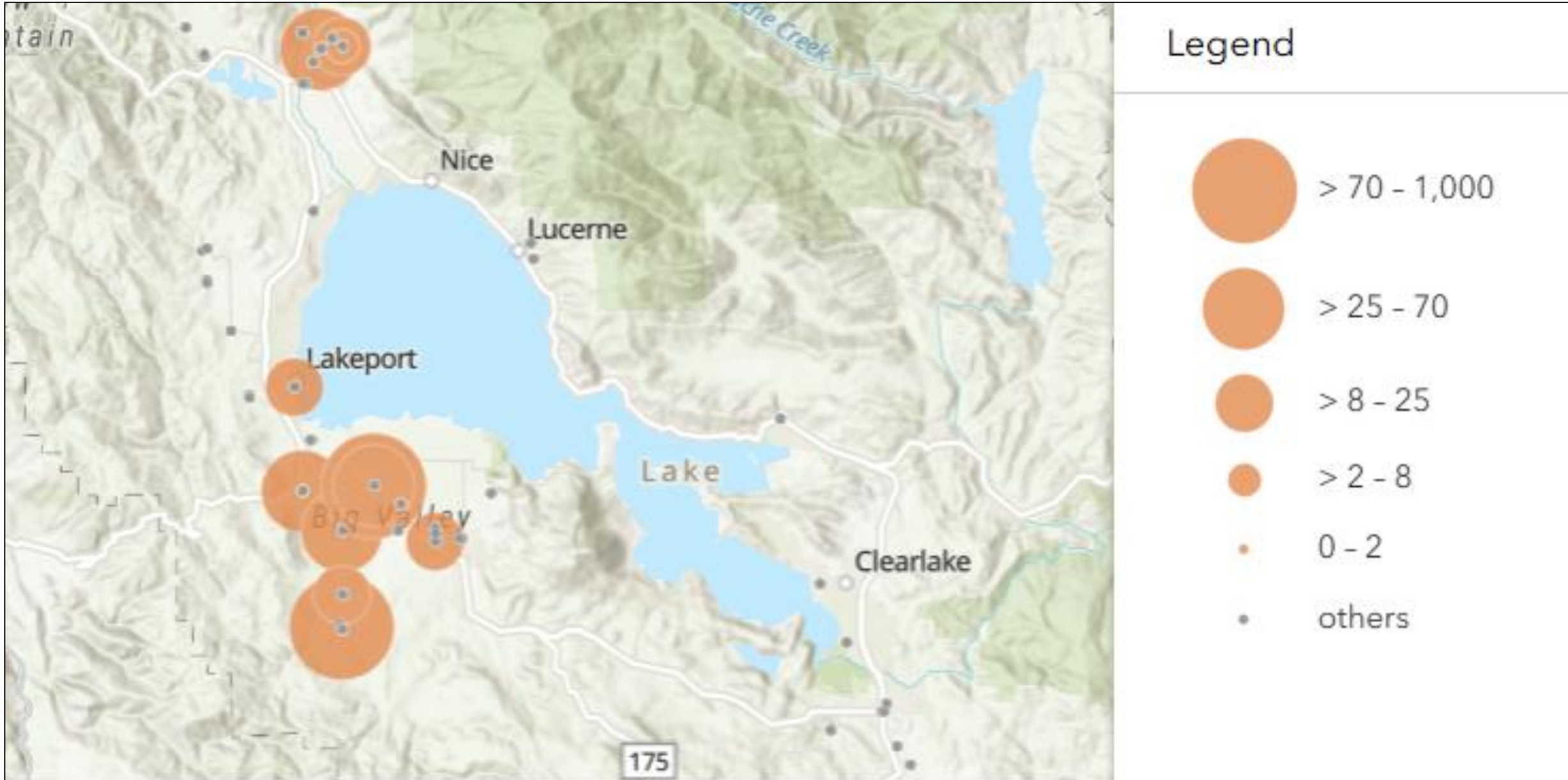
Preliminary 2025 Community Science Hitch Spawner Observation Data



Date	Site	Hitch
3/10/2025	30. Seigler Canyon Creek at Hwy	1
3/24/2025	1. Adobe Creek at Bell Hill Rd.	25
3/25/2025	8. Clover Creek Diversion at El	70
3/25/2025	2. Adobe Creek at Big Valley Rd	1000
3/26/2025	Private Property - Adobe Creek	1000
3/26/2025	19. Kelsey Creek at Main St.	25
3/27/2025	23. Manning Creek at George Rd.	52
3/27/2025	33. Thompson Creek at Merritt R	50
3/28/2025	3. Alley Creek at Pitney Ln.	8
3/28/2025	Private Property - Clover Creek	14
4/4/2025	3. Alley Creek at Pitney Ln.	1
4/4/2025	Private Property - Clover Creek	8
4/6/2025	1. Adobe Creek at Bell Hill Rd.	15
4/8/2025	2. Adobe Creek at Big Valley Rd	1000
4/10/2025	14. Forbes Creek at S. Forbes S	16
4/11/2025	Private Property - Clover Creek	5
4/16/2025	2. Adobe Creek at Big Valley Rd	55
4/19/2025	Private Property - Clover Creek	2
Total		3347

*This dataset excludes records where hitch were not detected

Preliminary 2025 Community Science Hitch Spawner Observation Data



TRAININGS – February 2026

- To participate, yearly training is mandatory
- Instruction on fish identification
- Training workshop with LCWPD in person
 - Classroom training
 - Field training
- Contact us to sign up



QUESTIONS/COMMENTS?

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