**May 19-22 2015 LCR, lower**

**Anya Metcalfe, Fritz**

**Deployment/retrieval times**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **RKM** | **Site** | **Sample type** | **Deployment time (5/19)** | **Retrieval time (5/21)** | **Notes** |
| 9.0 | Coyote | ST pole | 9:30 | 6:50 |  |
| 9.0 | Coyote | ST boat | 9:45 | 6:50 |  |
| 9.0 | Coyote | light receptors | 9:55 |  | Left at Coyote after 5/21, retrieved by Randawg.  32 cm from water surface to sensor 2 |
| 8.0 | Wash | ST pole | 10:45 | 7:20 |  |
| 7.0 | Sipapu | ST pole | 11:05 | 7:40 |  |
| 6.0 | HOBO | ST pole | 11:40 | 8:00 |  |
| 5.0 | Old coyote | ST pole | 12:00 | 8:20 |  |
| 4.0 | After cross | ST pole | 12:30 | 8:50 |  |
| 2.9 | Pinch point | ST pole | 12:50 | 9:25 |  |
| 2.0 | Boulders | ST pole | 14:10 | 10:05 |  |
| 2.0 | Boulders | ST boat | 14:10 | 10:50 |  |
| 2.0 | Boulders | light receptors | 14:00 | Left at Boulders after 5/21, water sensors washed away. Sensor on land is (likely) still down there as of 6/2.  35 cm from water surface to sens2 | |
| 1.0 | Stream gage | ST pole | 15:15 | 10:40 |  |
| 0.0 | Confluence | ST pole | 16:10 | 11:05 |  |
| 0.0 | Confluence | ST boat | 15:45 | 10:50 |  |
| US | Upstream | ST pole | 16:00 | 11:00 |  |
| DS | Confl island | ST pole | 16:15 | 11:10 |  |

**Boulders Inventory:** 10 petri dishes, 17 full 250 mL sample bottle\*, half a black jug etoh, at least 7 poles, D-net, 2 boats, 2 anchors, 10 datasheets\*, 2 forceps, sieve, squirty bottle, 1 UV sensor, measuring tape, Velcro, 1 light trap setup

Need: caulder pins, wing nuts, p-cord, spare light for light traps

**Coyote Inventory**: 8 petri dishes, 15 petri lids, 15 full 250 mL sample bottle\*, 2 empty 250 mL sample bottle, D-net, 1 boat, TWO anchors, no ethanol jug, 2 sets batteries\*, 2 forceps, Velcro, caulder pins, map, 1 light trap setup, sieve

\*fish folks collected light trap samples for us, unknown how much etoh/batteries/datasheets available at Boulders & Coyote

**Benthics & Pebble Count Results** (we had no datasheets, numbers were winged as follows)

Confluence 5/20 @ 9:00

|  |  |
| --- | --- |
| SAND | 22  Confluence benthic **B00475** @ 8:30  \*I usually collect the benthic sample on river right, but was not finding anything this month. I waded to the other side of the river to kick around on the travertine dam there and there were several rocks visibly populated with Simuliidae. I will try to be not so lazy and collect benthics the width of the river |
| 3 | 12 |
| 5 | 10 |
| 10 | 17 |
| 25 | 0 |
| 50 | 11 |
| 100 | 1 |
| 150 | 3 |
| 300 | 3 |
| 500 | 4 |
| 1000 | 0 |
| MERYL | 6 |
| TRAVERTINE | 41 |

Boulders 5/20 @ 10:15 Coyote 5/20 @ 16:00

|  |  |
| --- | --- |
| SAND | 23 |
| 3 | 6 |
| 5 | 5 |
| 10 | 11 |
| 25 | 2 |
| 50 | 3 |
| 100 | 2 |
| 150 | 6 |
| 300 | 6 |
| 500 | 2 |
| 1000 | 6 |
| MERYL | 17 |
| TRAVERTINE | 37 |

|  |  |
| --- | --- |
| SAND | 8 |
| 3 | 5 |
| 5 | 3 |
| 10 | 3 |
| 25 | 7 |
| 50 | 1 |
| 100 | 2 |
| 150 | 0 |
| 300 | 0 |
| 500 | 0 |
| 1000 | 0 |
| MERYL | 6 |
| TRAVERTINE | 63 |

Coyote benthic **B00477** @ 15:30 am

Boulders benthic **B00476** @ 10:15 am