2010 Mayfly phenology sampling for mesocosm stocking:

Lakes to be sampled

Siesta Lake

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Lake Name | Lake ID | Elevation | UTM E | UTM N |
| Tioga Pass Pond | 70134 | 3000ish |  |  |
| Summit Lake (Mono Pass) | 70280 | 3237 |  |  |
| Siesta Lake | 70282 | 2420 |  |  |
| Pothole Pond 1 | 70103 | 2603 | 289517.1 | 4195586.05 |
| Pothole Pond 2 | 70060 | 2627 | 289476.3 | 4195228.9 |
| Pothole Pond 3 | 70006 | 2627 | 289169.9 | 4195260.9 |
| Roadside Pond | 70052 | 2932 | 300791.3 | 4195614.9 |
| Olmsted Pt Pond | 70313 | 2493 | 281965.2 | 4187934.9 |
| Hidden Lake | 70350 | 2432 | 280349.9 | 4186926.8 |

1. Rinse quatted sandals and net with water from lake-to-be-sampled water.
2. Conduct 15 standard sweeps in 1m or less of littoral, sampling substrates in proportion to their abundance.
3. Place sample in sorting pan.
4. Collect ca. 50 mayflies and preserve in EtOH. Label sample with LakeID, Collection Date, and Sample Type (Mayfly Phenology).
5. Quat sandals and invert net and move to next site.