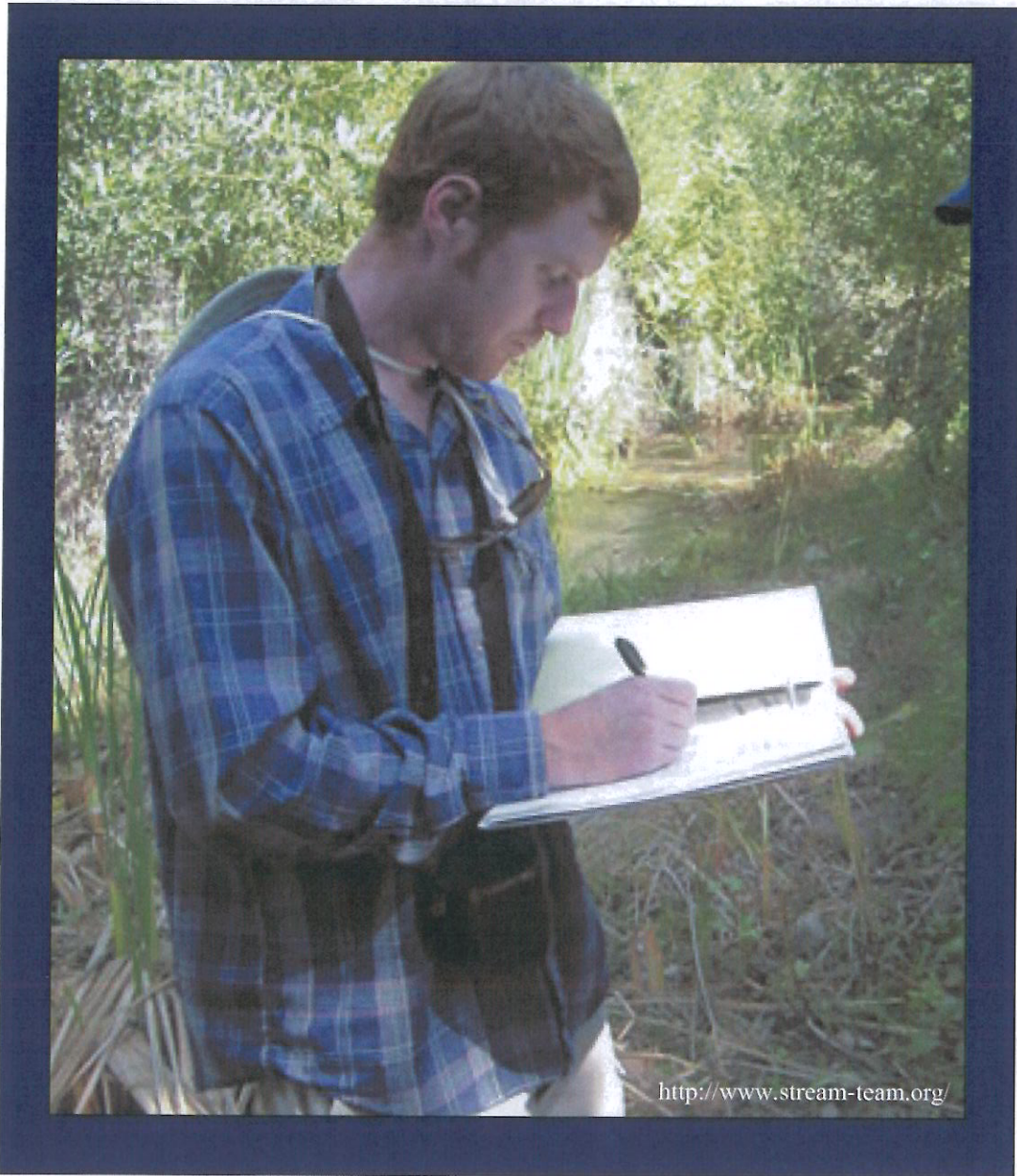


# Placer Land Trust Stream Team



**Crew Leader Volunteer Opportunity**

## **Program Description:**

Placer Land Trust is seeking motivated volunteers to help organize and lead an effort to monitor the health of the streams that run through land trust preserves. The data collected during monitoring will be used to detect pollution and habitat degradation, monitor restoration projects, and determine sites for potential restoration projects. Stream monitoring visits will have two components: a physical habitat assessment and a streamside biosurvey.

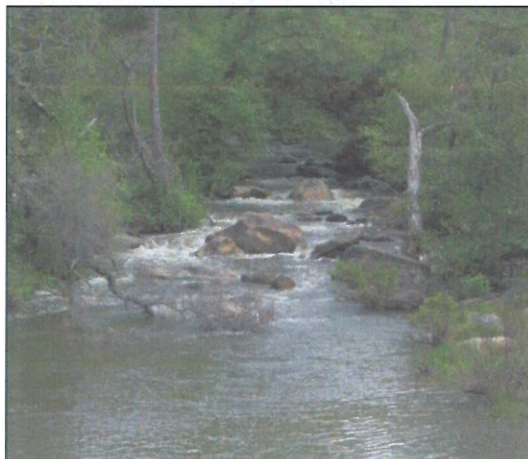
### **Physic Habitat Assessment**

The physical habitat assessment is a good way to document changes in the stream and surrounding land use over time. It looks at vegetation, bank stability, suitable habitat, substrate, and land use among other things. The physical habitat assessment was developed by California's Surface Water Ambient Monitoring Program (SWAMP).

### **Streamside Biosurvey**

The streamside biosurvey looks at the variety and types of organisms living in a stream. The biosurvey is a good proxy for stream health since the organisms that live in the stream are influenced by chemical, physical, and biological and experience everything that happens in the stream.

Crew leaders will play a critical role in the stream monitoring program. Crew leaders will help train other volunteers, organize monitoring activities, participate in monitoring events, and organize and prepare data collected on monitoring visits for Placer Land Trust Staff.



*Coon Creek on Taylor Ranch Preserve*



*Doty Ravine on Doty Ravine Preserve*

### **Crew Leader Requirements:**

Crew leaders are not required to have previous knowledge or experience related to stream monitoring but will be expected to become familiar enough with Placer Land Trust's stream monitoring protocol to train other volunteers. Organizational skills are a plus for this position. Crew leaders will work closely with Placer Land Trust Staff and other volunteers to schedule monitoring visits and crew leaders will be in charge of leading monitoring visits. Monitoring visits will require some degree of physical fitness as they can entail a short to moderate hike to the monitoring site and it is necessary to wade in the stream to collect information. After the data is collected crew leaders will be responsible for reporting the information to Placer Land Trust Staff. The minimum time commitment for a crew leader would include organizing and conducting monitoring visits for one site twice per year.

### **Crew Leader Benefits:**

This is a great opportunity to develop leadership and organizational skills as well as learn about stream habitats and health and how to identify macroinvertebrates to order. Practicing these skill is great way to build a resume, especially for someone interested in working in natural resources or a management field. This is also a chance to enjoy the great outdoor while having a positive impact on natural resources in your area. Last but not least, this is intended to be an enjoyable experience where you can work with other great volunteers!



**Contact Placer Land Trust if you are interested in becoming a stream team crew leader or if you would like more information about this program or any of our other volunteer opportunities.**



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