



## **Botanist**

### **Job Description:**

The Botanist will provide botanical support for EI's projects located throughout Southern California, primarily in Riverside, Los Angeles, and Kern Counties. The successful candidate will conduct focused botanical and vegetative surveys; document occurrence and distribution of identified species; inventory rare and endangered species and vegetation types; and photograph, collect and mount plant specimens encountered within the survey areas. Southern California botanical field experience is required. This position can be physically demanding and will require work in various working environments/conditions which requires that an individual be physically capable of covering large project areas by foot on various terrain and potentially in inclement weather.

### **Education and Training:**

- BS (MS preferred) in botany, plant ecology, wetland science or related field
- Qualified to be licensed to collect rare plants in California

### **Technical Requirements:**

- Excellent knowledge of and experience with plant species in southern California including plant identification of flora to family, genus, species, and sub-species;
- Familiarity with standard techniques for rare plant and alliance-based vegetation surveys following protocols described by the California Native Plant Society, California Department of Fish and Wildlife, and/or others;
- Ability to measure and record topographic and geologic characteristics of a site;
- Identification and mapping of invasive species;
- Voucher plant specimens and provide taxonomic determinations using botanical keys;
- Conduct literature and database review for rare plant occurrences;
- Record daily observations in database for GIS and statistical analysis;
- Work with a team of professional biologists, environmental scientists, technicians, and other experts.

### **Physical Requirements/Work Environment:**

- Must be able to walk 5 to 7 miles per day on relatively flat ground with day pack, water, and supplies in variable weather conditions
- Work long days in the field (10-12 hours)

### **Experience:**

- At least 5 years of professional experience in botany or endangered plant species management in California

### **Added Value Experience:**

- Habitat and rare plant restoration
- Biological construction monitoring
- Jurisdictional delineation surveys