

## **Casey's June Beetle** **(*Dinacoma caseyi*)**

### **Minimum Qualification Guidelines for Obtaining a Section 10(a)(1)(A) Recovery Permit for Conducting Presence/Absence Surveys for the Casey's June Beetle**

The Casey's June beetle was federally listed as an endangered species in 2011 (76 FR 58954). Because the 2012 field season is the first season survey activities will be necessary for this species, individuals requesting a recovery permit currently have no "permitted individuals" from whom they can acquire direct field experience with this species. As a result, the following permitting guidelines are for the 2012 field season only and may be modified for the 2013 field season.

#### **Required Biological Background and Expertise:**

To independently conduct survey activities for Casey's June beetle, qualified individuals should have a sufficient level of documented and verifiable entomological experience and expertise. We recommend that an individual have an undergraduate degree in the biological sciences or have equivalent field experience or biological expertise. Experience in conducting surveys for insects that co-occur with CJB, and/or experience with similar or sympatric species should be documented in the qualifications statement. The issuance of the recovery permit is dependent on the qualifications statement submitted with the permit application.

#### **Practical Exam:**

All individuals requesting a recovery permit to conduct survey activities for Casey's June beetle must pass a practical identification exam administered by the U.S. Fish and Wildlife Service's Carlsbad Fish and Wildlife Office, Carlsbad, California. The practical exam will consist of the following criteria:

1. The individual must demonstrate their ability to identify local scarab beetles;
2. The individual must demonstrate general knowledge of Casey's June beetle ecology and life history as described in the listing rule.

#### **Survey Experience:**

An individual must provide with the permit application verifiable documentation of experience conducting at minimum 4 hours of black light trapping experience (trapping scarab beetles is not required) with another individual that has 3 or more years of experience performing this activity. Documentation must include the name and contact information of the experienced individual from whom the experience was acquired; the dates, time, locations and species sought during the acquired trapping experience; and applicable field notes depicting the documented captures of all species.