

American Burying Beetle
Qualification Criteria
August 24, 2012

It is important that individuals conducting research on the American burying beetle (ABB) meet the following qualifications for handling and surveying for the species. Survey work done incorrectly can cause unnecessary injury and/or mortality to the ABB. All potential Permit holders must have at least a bachelor's degree in wildlife management, entomology, biology, wildlife ecology, or similar field; or have worked in one of these fields for at least 10 years. All individuals range wide must operate under a Section 10(a)1(A) recovery permit, and have met the following qualifications prior to conducting surveys for the species.

Qualifications

- a. Provide citations for ABB literature reviewed to gain knowledge about the species before training begins.
- b. Familiarity with national ABB protocols.
- c. Familiarity with ABB conservation measures.
- d. Training in the ability to identify suitable ABB habitat.
- e. Demonstrate and document ability to identify ABB including sex, age (teneral/senescent), size, and other *Nicrophorus* species occurring in the state for which the applicant will be permitted.
- f. Demonstrate and document knowledge of trap preparation, bait selection and preparation, trap site selection, trap installation.
- g. Under the supervision of a qualified surveyor, complete a whole field trapping sequence/cycle in which an ABB is captured. The cycle is to include trap installation, trap checking, burying beetle identification, bait checking and replacement, ABB handling, and release, trap removal, and site reclamation.
- h. Survey reporting and completion of all required forms, whether federal and/or state.
- i. Familiarity with a section 10 recovery permit, including special conditions for the ABB and annual reporting requirements.

Applications for a section 10 recovery permit will include the application for the permit, a curriculum vitae or resume, and signed documentation from the trainer attesting to the completion of all qualification requirements.