



## Threatened and Endangered Species Assessments

New Century Environmental has broad experience and great success in surveying and assessing threatened and endangered species, including diverse threatened and endangered terrestrial and aquatic plants and animals.



New Century Environmental (NCE) ecologists have conducted siting, baseline and impact assessment studies, inventory and monitoring studies for numerous regional threatened and endangered (T&E) species, and we incorporate an innovative, proprietary Eco-asset Baseline Evaluation (similar to a Habitat Evaluation Procedures, but more thorough) into our projects involving threatened and endangered species.

New Century Environmental conducts threatened and endangered species surveys in a variety of habitats (e.g., streams, prairies, forests, wetlands, etc.) for both flora and fauna (plants, fish, amphibians, mammals, birds, etc.). Some examples of NCE managed T&E projects in the last 10 years include:

- Discovery of the black-footed ferret on Standing Rock Indian Reservation, South Dakota fall 2012.
- Sicklefin chub documentation in the Cheyenne River for the Cheyenne River Sioux Tribe, South Dakota (1995 and 2006).
- Developed an eco-assets model with emphasis on T&E presence and species of concern for the Union Pacific Railroad for their entire service territory of several million acres (2008-2010).
- Amphibian surveys for the northern leopard frog (proposed for listing in 2009) on the Lake Traverse Indian Reservation, South Dakota (2010-2012).
- Expanded wood frog distribution maps on the Lake Traverse Indian Reservation, South Dakota (2010-2012).
- Documented the Federally Threatened northern long-eared bat on Standing Rock Indian Reservation (2015).

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