

STATE LISTED THREATENED AND ENDANGERED SPECIES EFFECTS EVALUATION AREAS

The purpose of this document is to provide brief habitat descriptions and to define those areas within which potential effects associated with implementation of the Natural Resources Conservation Service (NRCS) practices will be considered. Effects of NRCS practices on state listed species must be considered within the evaluation areas within the Area of Potential Effect (using the threatened and endangered (T&E) portion of the Planning Tool). Please contact a NRCS biologist for the effects determination evaluation.

BIRDS

1. **American Dipper** (*Cinclus mexicanus*): Sites recorded in the (T&E) portion of the Planning Tool and the area located within the 50-foot buffer above bankfull elevation or within bankfull elevation of Whitewood, Rapid, and Spearfish Creeks in the Black Hills.
2. **Bald Eagle** (*Haliaeetus leucocephalus*): Sites recorded in the T&E portion of the Planning Tool and refer to the effects evaluation area as part of the Eagle Management Guidelines in the Migratory Bird Treaty Act Special Concern Help Sheet in the NRCS-CPA-52.
3. **Eskimo Curlew** (*Numenius borealis*): Sites recorded in the T&E portion of the Planning Tool. However, no effects evaluation area has been identified as species has not been observed for many years and may no longer exist. Since this species is also federally listed, planners will utilize the South Dakota (SD) Procedures for Threatened, Endangered, and Other Special Concern Species, Implementation Guidance found in Section II of the South Dakota Technical Guide (SDTG).
4. **Least Tern** (*Sterna antillarum*): Sites recorded in the T&E portion of the Planning Tool and refer to the effects evaluation area considered for the least tern in the NRCS federal endangered and threatened effects determination process SD-ECS-18, South Dakota Evaluation Parameters Worksheet. Since this species is also federally listed, planners will utilize the SD Procedures for Threatened, Endangered, and Other Special Concern Species, Implementation Guidance found in Section II of the SDTG.
5. **Osprey** (*Pandion haliaetus*): Sites recorded in the T&E portion of the Planning Tool and the immediate vicinity of verified nesting sites, and reintroduction areas. Note: verified nesting sites are those sites as active nesting sites by a United States Fish and Wildlife Service (USFWS), SD Department of Game, Fish and Parks (SDGF&P), or NRCS biologist.
6. **Peregrine Falcon** (*Falco peregrinus*): Sites recorded in the T&E portion of the Planning Tool and the area within one-quarter mile of a verified nesting site. Note: verified nesting sites are those sites determined as active nesting sites by a USFWS, SDGF&P, or NRCS biologist.
7. **Piping Plover** (*Charadrius melodus*): Sites recorded in the T&E portion of the Planning Tool and refer to the effects evaluation area considered for the piping plover in the NRCS federal endangered and threatened effects determination process (SD-ECS-18). Since this species is also federally listed, planners will utilize the SD Procedures for Threatened, Endangered, and Other Special Concern Species, Implementation Guidance found in Section II of the SDTG.
8. **Whooping Crane** (*Grus americana*): Not evaluated due to the species migratory/transient nature. Users will follow the Endangered Species Help Sheet and other instructions for dealing with this species. Since this species is also federally listed, planners will utilize the SD Procedures for Threatened, Endangered, and Other Special Concern Species, Implementation Guidance found in Section II of the SDTG.

MAMMALS

1. **Black Bear** (*Ursus americanus*): Sites recorded in the T&E portion of the Planning Tool. The NRCS practices are not anticipated to affect black bears.
2. **Black-Footed Ferret** (*Mustela nigripes*): Sites recorded in the T&E portion of the Planning Tool and refer to the effects evaluation area considered for black-footed ferret in the NRCS federal endangered and threatened effects determination process (SD-ECS-18). Since this species is also federally listed, planners will utilize the SD Procedures for Threatened, Endangered, and Other Special Concern Species, Implementation Guidance found in Section II of the SDTG.
3. **Northern River Otter** (*Lontra canadensis*): Sites recorded in the T&E portion of the Planning Tool and riparian corridors of the James, Missouri, Cheyenne, White, Vermillion, Big Sioux, Bad, North Fork Whetstone, Little Minnesota Rivers, and Medicine Creek in counties with recorded northern river otter locations. Note: River otter are not restricted to major waterways, they also use wetlands and creeks if there is ample food, dens, and water.
4. **Swift Fox** (*Vulpes velox*): Sites recorded in the T&E portion of the Planning Tool and re-introduction areas. Please contact an NRCS biologist to determine re-introduction areas.

FISH

1. **Banded Killifish** (*Fundulus diaphanus*): Sites recorded in the T&E portion of the Planning Tool and in Day, Deuel, and Charles Mix Counties: within 50-foot buffer above bankfull elevation and within bankfull elevation of streams within one mile of Lake Cochrane, North and South Waubay Lakes, Lake Andes, and in those lakes.
2. **Blacknose Shiner** (*Notropis heterolepis*): Sites recorded in the T&E portion of the Planning Tool and in Todd and Tripp Counties: within the 50-foot buffer above bankfull elevation and within bankfull elevation of the Keya Paha River and its perennial tributaries.
3. **Finescale Dace** (*Phoxinus neogaeus*): Sites recorded in the T&E portion of the Planning Tool and in Lawrence, Todd, and Fall River Counties: within the 50-foot buffer above bankfull elevation and within bankfull elevation of Fall River, Coffee, and Redwater Creeks, and in Cox, Mud, and Mirror Lakes.
4. **Longnose Sucker** (*Catostomus catostomus*): Sites recorded in the T&E portion of the Planning Tool and in Lawrence and Butte Counties: within 50-foot buffer above bankfull elevation and within bankfull elevation of Redwater, Spearfish, and Crow Creeks.
5. **Northern Redbelly Dace** (*Phoxinus eos*): Sites recorded in the T&E portion of the Planning Tool. In Bennett, Brookings, Corson, Deuel, Grant, Todd, and Tripp Counties: within the 50-foot buffer above bankfull elevation and within bankfull elevation of the Keya Paha River and its perennial tributaries, Lake, Six Mile, and Deer Creeks in Brookings County, Monighan, and Gary Creeks, the South Fork Yellow Bank River in Deuel County; South Fork and North Fork Yellow Bank River in Grant County; and Stink Creek in Corson County.
6. **Pallid Sturgeon** (*Scaphirhynchus albus*): Sites recorded in the T&E portion of the Planning Tool and refer to the effects evaluation area considered for the pallid sturgeon in the NRCS federal endangered and threatened effects determination process (SD-ECS-18). Since this species is also federally listed, planners will utilize the SD Procedures for Threatened, Endangered, and Other Special Concern Species, Implementation Guidance found in Section II of the SDTG.

7. **Pearl Dace** (*Margariscus margarita*): Sites recorded in the T&E portion of the Planning Tool and in Todd, Tripp, and Bennett Counties: within the 50-foot buffer above bankfull elevation and within the bankfull elevation of the Keya Paha and Little White Rivers, as well as, the perennial tributaries of those rivers, and Elm and Lake Creeks in Bennett County, and Coffee Creek in Todd County.
8. **Sicklefin Chub** (*Macrhybopsis meeki*): Sites recorded in the T&E portion of the Planning Tool and Missouri River impacts primarily from pump intakes.
9. **Sturgeon Chub** (*Macrhybopsis gelida*): Sites recorded in the T&E portion of the Planning Tool and in Bennett, Custer, Fall River, Haakon, Jackson, Jones, Lyman, Meade, Mellette, Pennington, Shannon, Todd, Tripp, and Ziebach Counties: within 50-foot buffer above bankfull elevation and within bankfull elevation of Cheyenne and White Rivers and the perennial tributaries of those rivers.

REPTILES

1. **Eastern Hognose Snake** (*Heterodon platirhinos*): Sites recorded in the T&E portion of the Planning Tool and sandy areas in native vegetation within one mile of the Missouri River in Bon Homme, Charles Mix, Clay, Union, and Yankton Counties. Most recent records are from Clay, Union, and Yankton Counties but surveying has been minimal. It is likely these snakes are found in suitable habitat along the Missouri River from Pickstown to North Sioux City.
2. **Lined Snake** (*Tropidoclonion lineatum*): Sites recorded in the T&E portion of the Planning Tool and open prairie hillsides and woodlands within one mile of the Big Sioux River, Split Rock Creek, and Brule Creek in Clay, Minnehaha, Moody, and Union Counties.
3. **False Map Turtle** (*Graptemys pseudographica*): Sites recorded in the T&E portion of the Planning Tool and project areas that effect river, lake, wetland, floodplain, and shoreline and sandbar habitat within one mile of the Missouri River, particularly from Gavins Point Dam to Fort Randall Dam.
Note: nest sites are likely a limiting factor for these turtles.