

## Field Reconnaissance Photo Album Agate Fossil Beds National Monument, NE

9 August 1996

**Aerial Information Systems**  
112 First Street  
Redlands, CA 92373



**Figure 2-17.** View west field reconnaissance site #13, showing rock outcrop



**Figure 2-18.** View west field reconnaissance site #10. Bright green areas are prairie sandreed (*Calamovilfa longifolia*). Field reconnaissance site #12 is in the foreground. Field reconnaissance site #11 is between the Prairie sandreed areas.



**Figure 2-19.** View north of field reconnaissance site #12. Shrubs are Skunkbrush sumac (*Rhus aromatica*). Needle and thread (*Stipa comata*) and Blue grama (*Bouteloua gracilis*) lie below the Skunkbrush sumac.



**Figure 2-20.** View north of field reconnaissance site #12. Shrubs are Skunkbrush sumac (*Rhus aromatica*). Needle and thread (*Stipa comata*) and Blue grama (*Bouteloua gracilis*) lie below the Skunkbrush sumac.



**Figure 2-21.** View northeast over field reconnaissance site #18. The foreground has Threadleaf sedge (*Carex filifolia*) and Needle and thread (*Stipa comata*). Brightgreen in the center of photo is Prairie sandreed (*Calamovilfa longifolia*).



**Figure 2-22.** View south over the Red Cloud Encampment easement (field reconnaissance site #105). The green area is Prairie sandreed (*Calamovilfa longifolia*). Cheat grass (*Bromus* spp.) is in the foreground.



**Figure 2-23.** View west over field reconnaissance site #18A toward the old Cook House area. The foreground has Cheat grass (*Bromus* spp.) with dried Mustard (*Sisymbrium altissium* and *Descurainia sophia*). Trees across the road are planted crack willow (*Salix fragilis*).



**Figure 2-24.** View northwest toward the Cook House area. The trees are Eastern Cottonwood (*Populus deltoids*).



**Figure 2-25.** View northwest from the Hwy. 29 bridge, over field reconnaissance Site #13. In the foreground are Broadleaf Cattail (*Typha latifolia*) and wet meadow. The center area of the photo shows Kentucky bluegrass (*Poa pratensis*), Clustered field sedge (*Carex praegracilis*, Smooth brome (*Bromus inermis*), and various forbs. Also on the fringes there are patches of Western snowberry (*Symphoricarpos occidentalis*).



**Figure 3-1.** View west over field reconnaissance site #107. The area contains Prairie sandreed (*Calamovilfa longifolia*), and Needle and thread (*Stipa comata*).



**Figure 3-2.** View east field reconnaissance site #107. The area contains Prairie sandreed (*Calamovilfa longifolia*) and Needle and thread (*Stipa comata*).



**Figure 3-3.** View northeast over the Niobrara River floodplain and field reconnaissance site #10. Broadleaf cattail (*Typha latifolia*) and Sandbar willow (*Salix exigua*) are by the river. The terrace above the bluff has Prairie sandreed (*Calamovilfa longifolia*) and Cheat grass (*Bromus* spp.).



**Figure 3-4.** View north over Niobrara River floodplain and field reconnaissance site #10. Sandbar willow (*Salix exigua*) is in the foreground.



**Figure 3-5.** View north over the Niobrara River floodplain and field reconnaissance site #10. Sandbar willow (*Salix exigua*) and Broadleaf cattail (*Typha latifolia*) are in the foreground.



**Figure 3-6.** View north over mowed herbaceous vegetation north of the Bone House. Field reconnaissance site #18 (unmowed) contains marsh elder (*Cyclachaena xanthifolia*), White sweet clover (*Melilotus albus*), Flodman's thistle (*Cirsium Flodmanii*), and mustard (*Sisymbrium altissimum* and *Descurainia sophia*). Area was mowed because it contained Canada Thistle (*Cirsium arvense*).



**Figure 3-7.** View southeast toward Carnegie Hill and field reconnaissance sites #110 and #111. Green grass is Prairie sandreed (*Calamovilfa longifolia*) with Needle and thread (*Stipa comata*). There is also scattered white sweet clover (*Melilotus albus*).



**Figure 3-8.** View northwest toward Bone House. The foreground has Prairie sandreed (*Calamovilfa longifolia*) and Needle and thread (*Stipa comata*). The rise in the center of the photo contains small soapweed *Yucca glauca*), Blue grama (*Bouteloua gracillis*), and Sand bluestem (*Andropogon hallii*).



**Figure 3-9.** View north from west side of Carnegie Hill. The green area in the center of the photo is Prairie sandreed *Calamovilfa longifolia*) and Needle and thread (*Stipa comata*). The foreground has Skunkbrush sumac (*Rhus aromatica*) with Needle and thread (*Stipa comata*), Prairie sandreed (*Calamovilfa longifolia*), Stickspike wheatgrass (*Elymus lanceolatus lanceolatus*), Fringed sagewort (*Artemisia frigida*) and rocks.



**Figure 3-10.** View north from the west side of Carnegie Hill toward the visitor center. Dark green is the Niobrara River floodplain, lighter green is the Prairie sandreed (*Calamovilfa longifolia*) and Needle and thread (*Stipa comata*) area. The foreground has Needle and thread (*Stipa comata*), Prairie sandreed (*Calamovilfa longifolia*), Stickspike wheatgrass (*Elymus lanceolatus lanceolatus*), Fringed sagewort (*Artemisia frigida*) and rocks, with Skunkbrush sumac (*Rhus aromatica*).



**Figure 3-11.** Fossil display at Carnegie Hill.



**Figure 3-12.** Rattlesnake encounter between Carnegie and University Hills. Green grass is Prairie Sandreed (*Calamovilfa longifolia*), yellow-white is Needle and thread (*Stipa comata*). Note bare ground also.



**Figure 3-13.** View south east across the Niobrara River floodplain from the west end of the bridge by the Visitor Center. Note mowed areas of Canada thistle (*Cirsium arvense*).



**Figure 3-14.** View southwest across the Niobrara River floodplain from the west end of the bridge by the Visitor Center. Note mowed areas of Canada thistle (*Cirsium arvense*).