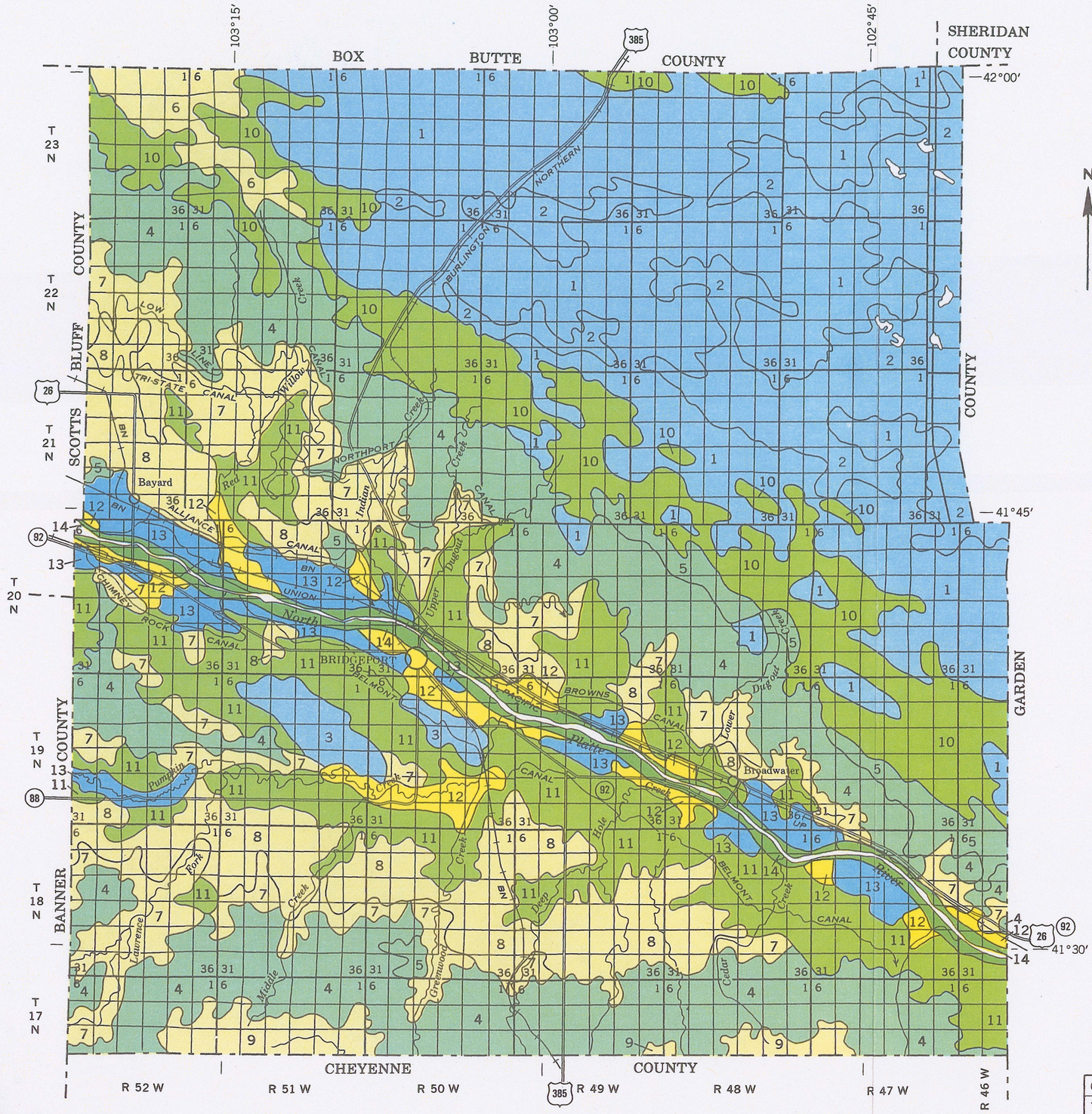

SOIL ASSOCIATIONS*

DOMINANTLY SANDY SOILS ON SANDHILLS AND TERRACES

1 — Valentine association: Deep, excessively drained, gently sloping to hilly, sandy soils that formed in eolian sand; on hummocks and dunes in the sandhills

2 — Valentine-Els-Wildhorse association: Deep, excessively drained and somewhat poorly drained, nearly level to steep, sandy soils that formed in eolian sand; on dunes and enclosed valleys in the sandhills

3 — Valent association: Deep, excessively drained, gently sloping to hilly, sandy soils that formed in eolian sand; on stream terraces

DOMINANTLY SHALLOW AND DEEP SOILS, ROCK OUTCROP, AND SOILS THAT ARE SHALLOW OVER SAND AND GRAVEL; ON UPLANDS AND STREAM TERRACES

4 — Tassel-Busher-Rock outcrop association: Rock outcrop and shallow and deep, well drained to excessively drained, gently sloping to very steep, loamy and sandy soils that formed in material that weathered from fine-grained sandstone; on uplands

5 — Dix association: Excessively drained, strongly sloping to very steep, sandy and loamy soils that are shallow over coarse sand and gravel; on uplands and stream terraces

DOMINANTLY WELL DRAINED,LOAMY SOILS ON UPLANDS, FOOT SLOPES, STREAM TERRACES, AND ALLUVIAL FANS

6 — Duroc-Creighton-Oglala association: Deep, well drained, nearly level to strongly sloping, loamy soils that formed in alluvial-colluvial sediment, loess, and material that weathered from fine-grained sandstone; on uplands

7 — Mitchell-Otero-Bridget association: Deep, well drained, nearly level to moderately steep, loamy soils that formed in colluvial-alluvial sediment; on foot slopes and alluvial fans

8 — Tripp-Alice-Duroc association: Deep, well drained, nearly level to strongly sloping, loamy soils that formed in alluvium, loess, and alluvial-colluvial material; on stream terraces

9 — Keith-Duroc-Creighton association: Deep, well drained, nearly level to strongly sloping, loamy soils that formed in loess, alluvial-colluvial sediment, and material that weathered from fine-grained sandstone; on uplands

DOMINANTLY LOAMY AND SANDY SOILS ON UPLANDS, STREAM TERRACES, FOOT SLOPES, AND ALLUVIAL FANS

10 — Jayem-Valent-Busher association: Deep, well drained and excessively drained, nearly level to moderately steep, loamy and sandy soils that formed in material that weathered from fine-grained sandstone and eolian sand; on uplands

11 — Valent-Sarben-Otero association: Deep, excessively drained and well drained, nearly level to moderately steep, sandy and loamy soils that formed in eolian sand, in material that weathered from fine-grained sandstone, and in colluvial-alluvial sediment; on foot slopes, side slopes, alluvial fans, and stream terraces

DOMINANTLY SILTY, LOAMY, AND SANDY SOILS ON BOTTOM LANDS

12 — Yockey-Glenberg-Bankard association: Deep, somewhat poorly drained, well drained, and somewhat excessively drained, nearly level, silty, loamy, and sandy soils that formed in alluvium; on bottom lands

DOMINANTLY LOAMY, SALINE-ALKALI SOILS ON BOTTOM LANDS

13 — Janise-Lisco-Gering association: Somewhat poorly drained, nearly level, loamy soils that are deep or moderately deep over coarse sand and gravel and that formed in calcareous alluvium; on bottom lands

DOMINANTLY SOMEWHAT POORLY DRAINED AND POORLY DRAINED SOILS THAT ARE SHALLOW OVER SAND AND GRAVEL; ON BOTTOM LANDS

14 — Gothenburg-Barney-Platte association: Somewhat poorly drained and poorly drained, nearly level, sandy and loamy soils that are shallow over sand and gravel and that formed in alluvium; on bottom lands

*Texture terms refer to the texture of the surface layer of major soils in each association.

Compiled 1983

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

UNIVERSITY OF NEBRASKA CONSERVATION AND SURVEY DIVISION

GENERAL SOIL MAP

MORRILL COUNTY, NEBRASKA

Scale 1:316,800

1 0 1 2 3 4 5 Miles

1 0 5 10 Km

Each area outlined on this map consists of more than one kind of soil. The map is thus meant for general planning rather than a basis for decisions on the use of specific tracts.

SECTIONALIZED TOWNSHIP

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36