

**PLEISTOCENE  
EOLIAN DEPOSITS  
OF THE  
UNITED STATES, ALASKA  
AND  
PARTS OF CANADA**

Compiled by  
**NATIONAL RESEARCH COUNCIL  
COMMITTEE FOR THE STUDY OF EOLIAN DEPOSITS  
DIVISION OF GEOLOGY AND GEOGRAPHY**

James Thorp and H. T. U. Smith, Co-chairmen;  
Mark Baldwin, W. Earl Bowen, Richard F. Flint, Laurence M. Gould,  
Harold C. Moss, Eugene C. Reed, Gray D. Smith and A. C. Trowbridge

With cooperation of  
UNITED STATES DEPARTMENT OF AGRICULTURE  
DIVISION OF SOIL SURVEY, EPRS AND AE  
UNITED STATES DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
STATE AND PROVINCIAL SOIL AND GEOLOGICAL SURVEYS  
OF THE UNITED STATES AND CANADA  
UNITED STATES DEPARTMENT OF AGRICULTURE  
SOIL CONSERVATION SERVICE  
AND  
MANY GEOLOGISTS, SOIL SCIENTISTS, AND GEOGRAPHERS

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SCALE 1:2,500,000  
Approximately 1 inch to 40 miles

1952

**EXPLANATION**

**EOLIAN SILT (LOESS)**

**WISCONSIN LOESS\***

- L1a More than 32 feet thick; 67 to 100 percent of land covered
- L2a 16 to 32 feet thick; 67 to 100 percent of land covered
- L2b 16 to 32 feet thick; 33 to 67 percent of land covered
- L3a 8 to 16 feet thick; 67 to 100 percent of land covered
- L3b 8 to 16 feet thick; 33 to 67 percent of land covered
- L3c 8 to 16 feet thick; less than 33 percent of land covered
- L4a 4 to 8 feet thick; 67 to 100 percent of land covered
- L4b 4 to 8 feet thick; 33 to 67 percent of land covered
- L4c 4 to 8 feet thick; less than 33 percent of land covered
- L5a Less than 4 feet thick; 67 to 100 percent of land covered
- L5b Less than 4 feet thick; 33 to 67 percent of land covered
- L5c Less than 4 feet thick; less than 33 percent of land covered

**WISCONSIN AND OLDER LOESS**

- L6a Less than 2 feet thick; 67 to 100 percent of land covered
- L6b Less than 2 feet thick; less than 33 percent of land covered

**EOLIAN SAND AND CLAY**

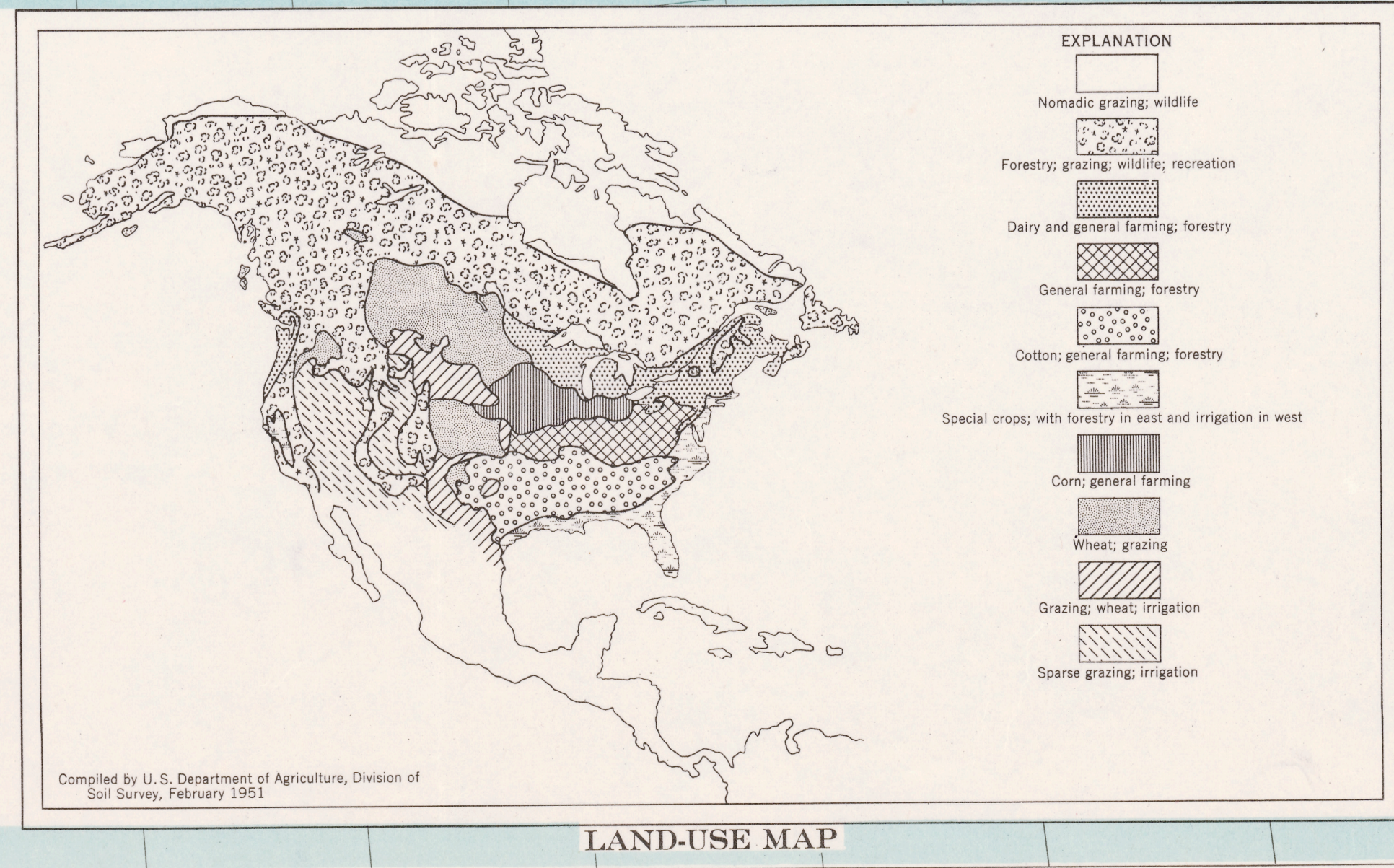
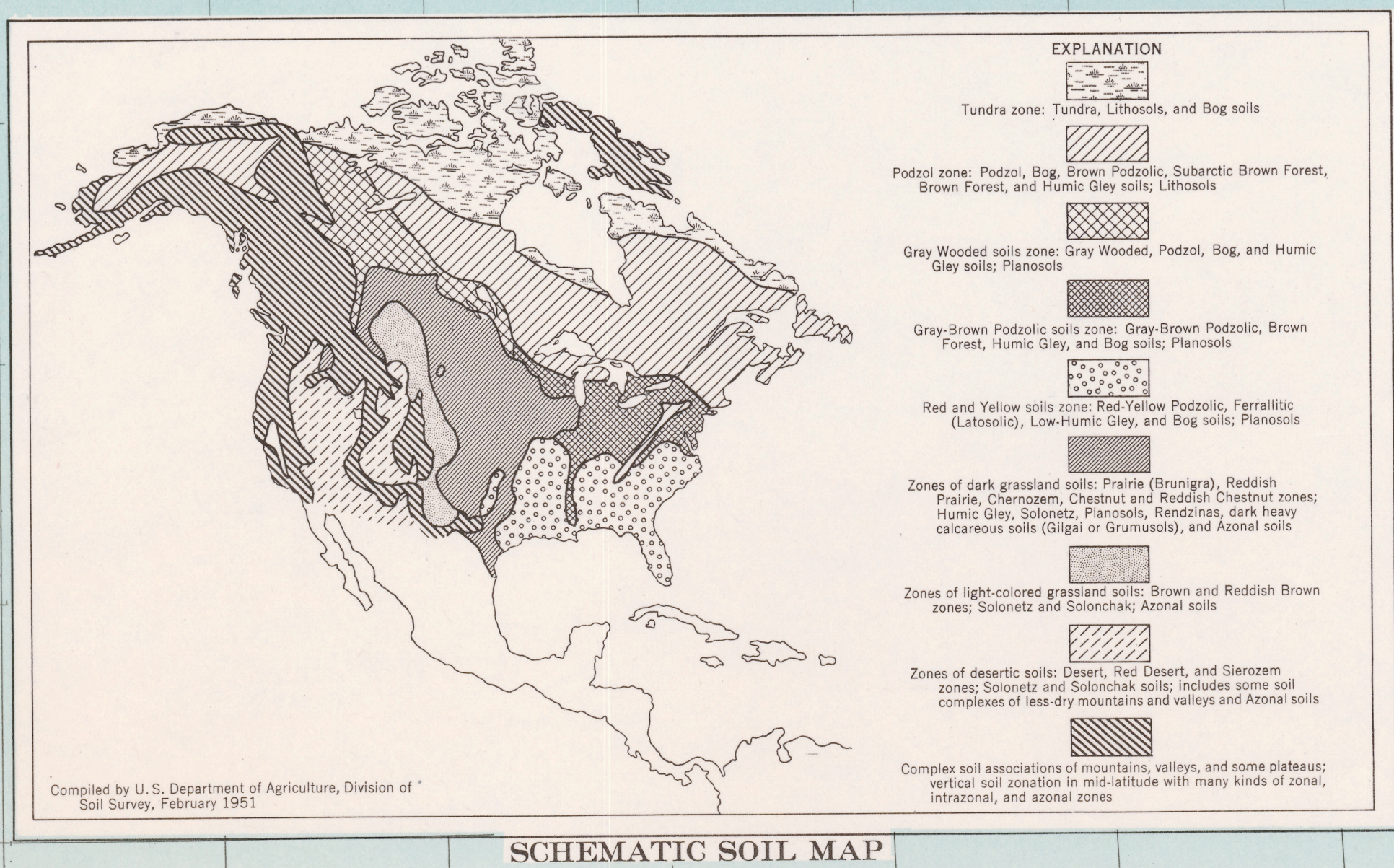
- S Sand; quartz and other minerals; incipiently indurated; largely active dunes
- Sc Clayey sand; stable; incipiently indurated; Wisconsin and older Pleistocene
- Ss Coarse sand; active dunes
- Sl Loamy sand; stable; incipiently indurated; largely stabilized; underlying with some dunes and dunes
- Ss Loamy sand; stable; incipiently indurated; largely stabilized; underlying with some dunes and dunes
- Ss Loamy sand; stable; incipiently indurated; largely stabilized; underlying with some dunes and dunes

**Other symbols:**

- D Small isolated patches of sand dunes; many active, some stable
- C Clay dunes; largely active
- Arrows indicate prevailing wind direction during deposition
- Sunburst symbols indicate dunes
- Longitudinal lines indicate dunes
- Transverse lines indicate dunes
- U-shaped and dome symbols indicate dunes
- Undifferentiated dunes

**CONTRIBUTORS**

State	Contributor
ALABAMA	W. Earl Bowen
ALASKA	James Thorp
ARIZONA	James Thorp
ARKANSAS	James Thorp
CALIFORNIA	James Thorp
COLORADO	James Thorp
CONNECTICUT	James Thorp
DELAWARE	James Thorp
FLORIDA	James Thorp
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WEST VIRGINIA	James Thorp
WISCONSIN	James Thorp
WYOMING	James Thorp



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