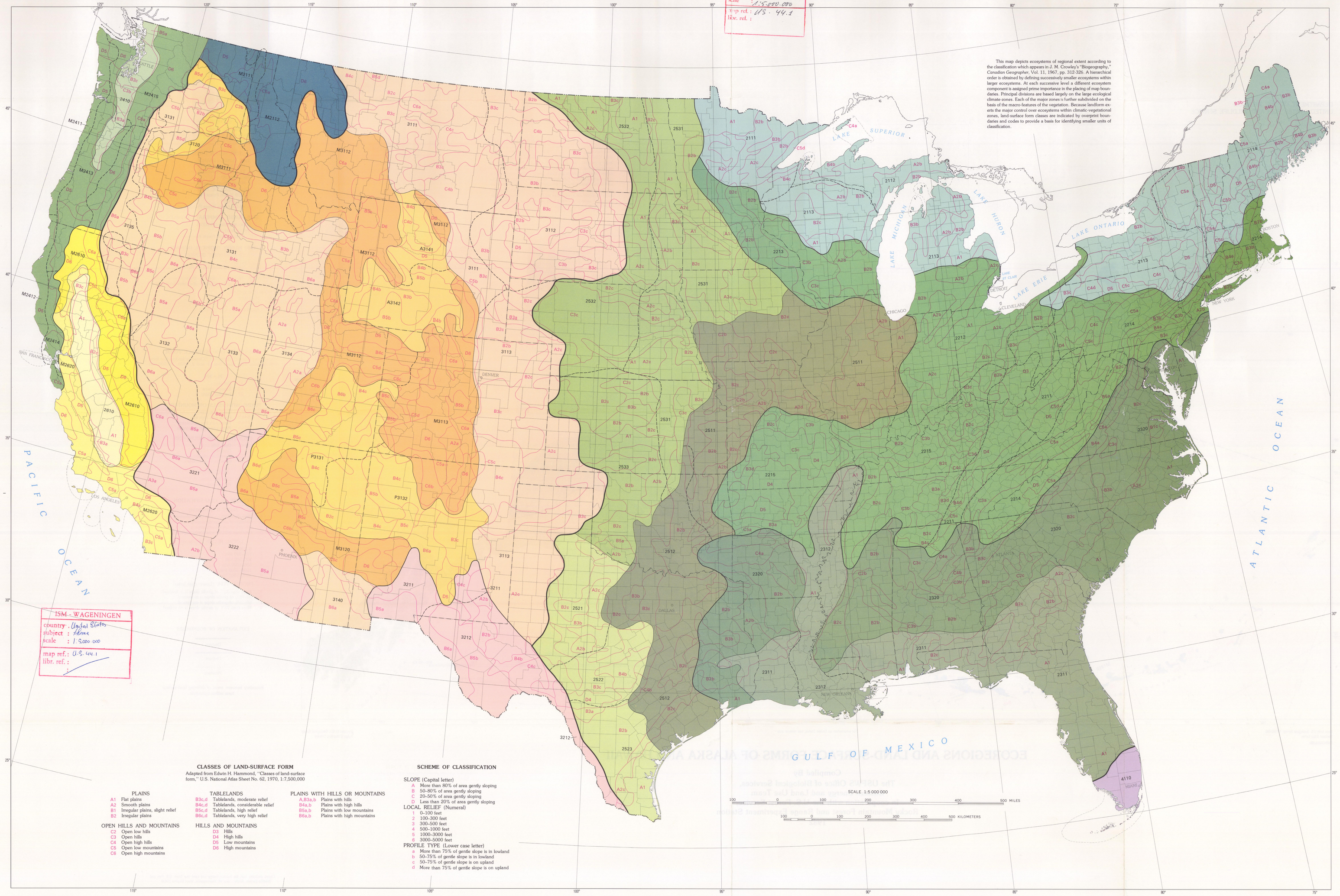
DEPARTMENT OF THE INTERIOR
UNITED STATES FISH AND WILDLIFE SERVICE

ISRIC - WAGENINGEN
country : USA
subject : Theme
scale : 1:5.000.000
map ref. : US - 44.1
libr. ref. :



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This map depicts ecosystems of regional extent according to the classification which appears in J. M. Crowley's "Biogeography," *Canadian Geographer*, Vol. 11, 1967, pp. 312-326. A hierarchical order is obtained by defining successively smaller ecosystems within larger ecosystems. At each successive level a different ecosystem component is assigned prime importance in the placing of map boundaries. Principal divisions are based largely on the large ecological climate-zones. Each of the major zones is further subdivided on the basis of the macro-features of the vegetation. Because landform exerts the major control over ecosystems within climatic-vegetational zones, land-surface form classes are indicated by overprint boundaries and codes to provide a basis for identifying smaller units of classification.

ECOREGIONS

Adapted from Robert G. Bailey, "Ecoregions of the United States," U.S. Department of Agriculture Miscellaneous Publication No. 1391, 1980, 1:7,500,000

2000 HUMID TEMPERATE DOMAIN

2100 WARM CONTINENTAL DIVISION
- 2110 Laurentian Mixed Forest Province
  - 2111 Spruce-fir Forest Section
  - 2112 Northern Hardwoods-Fir Forest Section
  - 2113 Northern Hardwoods Forest Section
  - 2114 Northern Hardwoods-Spruce Forest Section

HIGHLANDS*
- M2110 Columbia Forest Province
  - M2111 Douglas-fir Forest Section
  - M2112 Cedar-Hemlock-Douglas-fir Forest Section

2200 HOT CONTINENTAL DIVISION
- 2210 Eastern Deciduous Forest Province
  - 2211 Mixed Mesophytic Forest Section
  - 2212 Beech-Maple Forest Section
  - 2213 Maple-Basswood Forest + Oak Savanna Section
  - 2214 Appalachian Oak Forest Section
  - 2215 Oak-Hickory Forest Section

2300 SUBTROPICAL DIVISION
- 2310 Outer Coastal Plain Forest Province
  - 2311 Beech-Sweetgum-Magnolia-Pine-Oak Forest Section
  - 2312 Southern Floodplain Forest Section
- 2320 Southern Mixed Forest Province

2400 MARINE DIVISION
- 2410 Willamette-Puget Forest Province

HIGHLANDS*
- M2410 Pacific Forest Province
  - M2411 Sitka Spruce-Cedar-Hemlock Forest Section
  - M2412 Redwood Forest Section
  - M2413 Cedar-Hemlock-Douglas-Fir Forest Section
  - M2414 California Mixed Evergreen Forest Section
  - M2415 Silver Fir-Douglas-fir Forest Section

2500 PRAIRIE DIVISION
- 2510 Prairie Parkland Province
  - 2511 Oak-Hickory-Bluestem Parkland Section
  - 2512 Oak + Bluestem Parkland Section
- 2520 Prairie Brushland Province
  - 2521 Mesquite-Buffalo Grass Section
  - 2522 Juniper-Oak-Mesquite Section
  - 2523 Mesquite-Acacia Section
- 2530 Tall-grass Prairie Province
  - 2531 Bluestem Prairie Section
  - 2532 Wheatgrass-Bluestem-Needlegrass Section
  - 2533 Bluestem-Grama Prairie Section

2600 MEDITERRANEAN DIVISION
- 2610 California Grassland Province

HIGHLANDS*
- M2610 Sierran Forest Province
- M2620 California Chaparral Province

3000 DRY DOMAIN

3100 STEPPE DIVISION
- 3110 Great Plains Short-grass Prairie Province
  - 3111 Grama-Needlegrass-Wheatgrass Section
  - 3112 Wheatgrass-Needlegrass Section
  - 3113 Grama-Buffalo Grass Section
- 3120 Palouse Grassland Province
- 3130 Intermountain Sagebrush Province
  - 3131 Sagebrush-Wheatgrass Section
  - 3132 Lahontan Saltbush-Greasewood Section
  - 3133 Great Basin Sagebrush Section
  - 3134 Bonneville Saltbush-Greasewood Section
  - 3135 Ponderosa Shrub Forest Section
- 3140 Mexican Highlands Shrub Steppe Province

HIGHLANDS*
- M3110 Rocky Mountain Forest Province
  - M3111 Grand Fir-Douglas-fir Forest Section
  - M3112 Douglas-fir Forest Section
  - M3113 Ponderosa Pine-Douglas-fir Forest Section
- M3120 Upper Gila Mts. Forest Province
- P3130 Colorado Plateau Province
  - P3131 Juniper-Pinyon Woodland + Sagebrush-Saltbush Mosaic Section
  - P3132 Grama-Galleta Steppe + Juniper-Pinyon Woodland Section
- A3140 Wyoming Basin Province
  - A3141 Wheatgrass-Needlegrass-Sagebrush Section
  - A3142 Sagebrush-Wheatgrass Section

3200 DESERT DIVISION
- 3210 Chihuahuan Desert Province
  - 3211 Grama-Tobosa Section
  - 3212 Tarbush-Creosote Bush Section
- 3220 American Desert (Mojave-Colorado-Sonoran) Province
  - 3221 Creosote Bush Section
  - 3222 Creosote Bush-Bur Sage Section

4000 HUMID TROPICAL DOMAIN

4100 TROPICAL SAVANNA DIVISION
- 4110 Everglades Province

HIGHLANDS—Territories exhibiting altitudinal zonation and having the climatic regime indicated by the pattern and symbol

*Key to letter symbols:
- M Mountains
- P Plateau
- A Altiplano

EXPLANATION OF BOUNDARIES

Domain

Division

Province

Section

Boundary between areas of differing land-surface form within a section

CLASSES OF LAND-SURFACE FORM

Adapted from Edwin H. Hammond, "Classes of land-surface form," U.S. National Atlas Sheet No. 62, 1970, 1:7,500,000

PLAINS
- A1 Flat plains
- A2 Smooth plains
- B1 Irregular plains, slight relief
- B2 Irregular plains

OPEN HILLS AND MOUNTAINS
- C2 Open low hills
- C3 Open hills
- C4 Open high hills
- C5 Open low mountains
- C6 Open high mountains

TABLELANDS
- B3c,d Tablelands, moderate relief
- B4c,d Tablelands, considerable relief
- B5c,d Tablelands, high relief
- B6c,d Tablelands, very high relief

HILLS AND MOUNTAINS
- D3 Hills
- D4 High hills
- D5 Low mountains
- D6 High mountains

PLAINS WITH HILLS OR MOUNTAINS
- A,B3a,b Plains with hills
- B4a,b Plains with high hills
- B5a,b Plains with low mountains
- B6a,b Plains with high mountains

SCHEME OF CLASSIFICATION

SLOPE (Capital letter)
- A More than 80% of area gently sloping
- B 50–80% of area gently sloping
- C 20–50% of area gently sloping
- D Less than 20% of area gently sloping

LOCAL RELIEF (Numeral)
- 1 0–100 feet
- 2 100–300 feet
- 3 300–500 feet
- 4 500–1000 feet
- 5 1000–3000 feet
- 6 3000–5000 feet

PROFILE TYPE (Lower case letter)
- a More than 75% of gentle slope is in lowland
- b 50–75% of gentle slope is in lowland
- c 50–75% of gentle slope is on upland
- d More than 75% of gentle slope is on upland

Base from U.S. Geological Survey; 1:7 500 000
National Atlas Series
FWS/OBS-82/09

For information on Alaska and Hawaii, see reverse side

Prepared by U.S. Geological Survey
National Mapping Division

ECOREGIONS AND LAND-SURFACE FORMS OF THE UNITED STATES

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