Ecological site group DX035X03DESG04
Lake Bidahochi - Sedimentary or Loamy

Last updated: 11/01/2022
Accessed: 04/19/2024

Key Characteristics

- Lake Bidahochi Sediments
- Soils not sodic
- Soils not saline
- Soils not sandy
- Parent Material is Sedimentary, or soil is Loamy

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

Physiography

These site occurs in an upland position as gently rolling plains, fans and terraces.
They neither benefits significantly from run-in nor experiences excessive loss of moisture from runoff.

Climate

Most of the moisture falls as rain from July through September and is the most effective moisture for plant growth. The remaining moisture comes as snow during the winter. Long periods with little or no effective moisture are relatively common.

Soil features

Soils grouped in these sites are moderately deep or deeper to any plant root restricting layers. The surface horizons have textures of very fine sandy loam to sandy clay loam with various amounts of gravel on the surface. Soluble salt accumulations are low.

Vegetation dynamics

Please see associated ecological sites under subclasses to view state and transition models.

The reference state plant communities for these sites are composed primarily of warm season mid-grasses and short grasses with a mix of cool season grasses and half-shrubs. Dominant grasses include black grama, blue grama, squirreltail, indian ricegrass, galleta and sideoats grama. Dominant shrubs include winterfat and fourwing saltbush. Natural climatic variation result in changes in the amount of and ratio of both individual plants and warm season versus cool season plants, particularly grasses. A lack of fire/exclusion along with unmanaged grazing and an available seed source for juniper can lead to plant communities characterized by a dominance of juniper and other woody species. The understory is dominanted by either grasses and/or shrubs with increased forbs. Reduced tree canopy thru wood harvesting or fire, improper grazing management, drought and annual seed sources can lead to sites with degraded plant communites dominanted by native and non-native annuals. Common annuals include Russian thistle, false buffalo grass, cheatgrass, plantain, stickseed, scorpionweed, globemallows, buckwheats, nightshade and blazingstar. Perennial grasses and/or shrubs may or not be present.

Major Land Resource Area

MLRA 035X

Colorado Plateau

Subclasses

- DX035X01I112–Loamy Wash 10-14" p.z.
- DX035X01I113–Loamy Upland 10-14" p.z.
- DX035X03A112–Loamy
- DX035X03B625–Loamy Upland (PIED, JUOS) 13-17" p.z. (Provisional)
- DX035X03B628–Sandy Loam Upland (JUOS, PIED) 13-17" p.z.
- R035XA119AZ–Shallow Loamy 10-14" p.z.
- R035XB201AZ–Mudstone/Sandstone Hills 6-10" p.z.
- R035XB209AZ–Loamy Wash 6-10" p.z.
- R035XB210AZ–Loamy Upland 6-10" p.z.
- R035XB215AZ–Sandstone/Shale Upland 6-10" p.z.
- R035XC302AZ–Sedimentary Cliffs 10-14" p.z.
- R035XC312AZ–Loamy Wash 10-14" p.z.
- R035XC313AZ–Loamy Upland 10-14" p.z.
- R035XF605AZ–Loamy Upland 13-17" p.z.
- R035XG710AZ–Loamy Bottom 14-18" p.z.

Correlated Map Unit Components

22354044, 22354046, 22353404, 22353406, 22353407, 22353421, 22353423, 22353418, 22353420, 22353457, 22529713, 22529484, 22529618, 22529465, 22529431, 22529462, 22529566, 22529718, 22529477, 22529735, 22529762, 22529780, 22529632, 22529572, 22529732, 22529604, 22529480, 22529689, 22529691, 22529649, 22529470, 22529469, 22529468, 22529601, 22529746, 22529745, 22529688, 22529452, 22529532, 22529414, 22529556, 22529635, 22529543, 22529669, 22529591, 22529590, 22529657, 22529667, 22529546, 22529545, 22529677, 22529627, 22529559, 22529693, 22529776, 22529613, 22529424, 22529422, 22529564, 22529412, 22529411, 22529410, 22529768, 22529767, 22529636, 22529749, 22529751, 22529538, 22529805, 22529806, 22529515, 22529516, 22529525, 22856706, 22980617, 23436546

Stage

Provisional

Contributors

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State and transition model

Citations