

Ecological site group 040XESG11

Saline Hills

Last updated: 12/16/2022
Accessed: 05/10/2025

Key Characteristics

- Uplands
- <75% bedrock outcrop
- Surface SAR >8, or Subsurface EC >8, or Surface EC >4

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

This ESG is located on fan terraces, flood plains, and old alluvial fans.

Climate

This ESG is characterized by the aridic moisture regime.

Vegetation dynamics

The modal ecological site for this ESG is R040XB225AZ Loamy Upland, Saline 7"-10" p.z.

Major Land Resource Area

MLRA 040X
Sonoran Basin and Range

Subclasses

- F040XB214AZ–Loamy Bottom, Woodland 7"-10" p.z.
- F040XC328AZ–Loamy Bottom, Woodland 3"-7" p.z.
- R040XA108AZ–Limy Fan 10"-13" p.z.
- R040XB205AZ–Clay Loam Upland 7"-10" p.z.
- R040XB206AZ–Shallow Hills 7"-10" p.z.
- R040XB207AZ–Limy Fan 7"-10" p.z.
- R040XB208AZ–Limy Upland, Deep 7"-10" p.z.
- R040XB211AZ–Loamy Swale 7"-10" p.z.
- R040XB223AZ–Clayey Upland, Saline 7"-10" p.z.
- R040XB224AZ–Sandy Upland, Saline 7"-10" p.z.
- R040XB225AZ–Loamy Upland, Saline 7"-10" p.z.
- R040XB226AZ–Sandy Loam Upland, Saline 7"-10" p.z.
- R040XB227AZ–Saline Bottom 7"-10" p.z.
- R040XB230AZ–Desert Pavement 7"-10" p.z.
- R040XB234AZ–Limy Fan, Gypsum 7"-10" p.z.
- R040XC302AZ–Limy Slopes 3"-7" p.z.
- R040XC306AZ–Limy Fan 3"-7" p.z.
- R040XC307AZ–Limy Fan, Sandy 3"-7" p.z.
- R040XC309AZ–Limy Slopes, Gypsum 3"-7" p.z.

- R040XC310AZ–Limy Upland 3"-7" p.z.
- R040XC311AZ–Limy Upland, Deep 3"-7" p.z.
- R040XC315AZ–Saline Bottom 3"-7" p.z.
- R040XC317AZ–Saline Upland 3"-7" p.z.
- R040XC319AZ–Sandy Upland 3"-7" p.z.
- R040XC320AZ–Sandy Loam Upland 3"-7" p.z.
- R040XC326AZ–Desert Pavement 3"-7" p.z.

Correlated Map Unit Components

22367233, 22367245, 22367244, 22367249, 22367248, 22367313, 22367372, 22367376, 22367460, 22367463, 22367488, 22367491, 22367532, 22367538, 22367541, 22367544, 22367545, 22367550, 22367551, 22367576, 22367577, 22367579, 22367593, 22367607, 22367618, 22367619, 22367620, 23484457, 23484470, 23484471, 23484478, 23484481, 23484482, 23484483, 23484484, 23484493, 23484494, 22367970, 22367987, 22368007, 22368008, 22368009, 22368010, 22368012, 22368014, 22368015, 22368026, 22368047, 22368048, 22368051, 22368031, 22368032, 22368053, 22368052, 22368054, 22368055, 22368056, 22368057, 22368065, 22368066, 22368068, 22368070, 22368071, 22368074, 22368077, 22368080, 22368084, 22368086, 22368089, 22368112, 22368117, 22368129, 22368127, 22368158, 22368197, 22368235, 22368236, 22368251, 22368278, 22368279, 22368280, 22368282, 22368286, 22368285, 22368292, 22368294, 22368295, 22368305, 22368365, 22372383, 22372322, 22372323, 22372330, 22372331, 22372398, 22372422, 22372394, 22374429, 22374340, 22374451, 22374551, 22374311, 22374314, 22374317, 22375557, 22375559, 22375560, 22375634, 22375565, 22375569, 22375572, 22375574, 22375577, 22375583, 22375585, 22375587, 22375586, 22375590, 22375591, 22375592, 22375593, 22375594, 22375608, 22375610, 22375615, 22375621, 22375619, 22375622, 22375625, 22375632, 22375631, 22375633, 22375744, 22375643, 22375662, 22375681, 22375685, 22375687, 22376035, 22376685, 22376722, 22376738, 22376739, 22376741, 22395293, 22395294, 22395419

Stage

Provisional

Contributors

Curtis Talbot
Travis Nauman

State and transition model

Citations