

# Major Land Resource Area 243X

## Western Brooks Range Mountains, Foothills, and Valleys

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### Ecological site keys

#### LRR Key

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Y Trees not present due to climate, Northern Alaska LRR (Arctic Biome). Use the key for MLRA 243. ... Key 2 – MLRA 243

X1 Trees present due to climate, Interior Alaska LRR (Boreal Biome). Use this key for MLRA 233.

#### MLRA 243

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A. low-elevation slopes of plains, hills, and mountains. The arctic lowlands life zone occurs below 1000 feet on average.

1 Polygonal ground ... R243XY401AK – Arctic scrub peat polygons

2 Not as above

i. Ponding occurs frequently to occasionally, turf hummock are common ... R243XY201AK – Arctic tussock gravelly frozen slopes

ii. Ponding does not occur, nonsorted circles are common ... R243XY402AK – Arctic scrub gravelly frozen slopes

B. High-elevation slopes of plains, hills, and mountains. The arctic alpine life zone occurs above 1000 feet on average.

1 Swales ... R243XY301AK – Alpine scrub gravelly swales

2 Not as above

i. Limestone, marble, and other carbonate rich bedrock

a. Dry and gravelly soils without permafrost ... R243XY404AK – Alpine dwarf scrub gravelly limestone slopes

b. wet and silty soils with permafrost. These poorly drained soils have a water table between 0 and 10 inches. ... R243XY302AK – Alpine scrub gravelly frozen slopes

ii. Acidic bedrock ... R243XY403AK – Alpine dwarf scrub gravelly slopes