

Major Land Resource Area 243X

Western Brooks Range Mountains, Foothills, and Valleys

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Ecological site keys

LRR Key

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

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

MLRA 243

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 – Arctic dwarf scrub gravelly slopes