

Major Land Resource Area 228X Interior Alaska Mountains

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Ecological site keys

MLRA 228X

I. Elevations below 2500 feet

A. Boreal life zone. See MLRA 227: Copper River Basin

II. Elevations above 2500 feet

A. Sparse, stunted trees. Shrubs < 3m in height

1 Subalpine life zone. Key 2

B. Trees no longer persistent. Shrubs < 1m in height

1 Alpine life zone. Key 3

Subalpine life zone

I. Occurs on drainageways, swales, and depressions

A. Wet soils. Persistent water table within 10 inches of the soil surface. Poorly to very poorly drained soils.

1 PES R228XY701AK: High elevation scrub-sedge depressions

B. Drier soils. Water table below 10 inches of the soil surface. Somewhat poorly drained or greater

1 PES R228XY711AK: High elevation scrub drainageways

II. Occurs on floodplains and stream terraces

A. PES R228XY702AK: High elevation scrub complex floodplains and terraces

III. Occurs on mountain slopes, outwash plains, and glacial landforms

A. Water table present within 10 inches of the soil surface, poorly to very poorly drained.

1 PES R228XY712AK: Black spruce/ericaceous scrub woodland slopes

B. No water table within 10 inches of soil surface, improved drainage

1 Unstable slopes, prone to soil creep and mass movement, dense alder

i. PES R228XY705AK: White spruce/alder scrub unstable slopes

2 Stable slopes

i. Dry slopes, well to excessively well drained

a. PES R228XY706AK: White spruce/willow-birch scrub dry slopes

ii. Mesic slopes, moderately well to somewhat poorly drained

Alpine life zone

I. Occurs on drainageways, swales, and depressions

A. Wet soils. Persistent water table within 10 inches of the soil surface. Poorly to very poorly drained soils.

1 PES R228XY701AK: High elevation scrub-sedge depressions

B. Drier soils. Water table below 10 inches of the soil surface. Somewhat poorly drained or greater

1 PES R228XY711AK: High elevation scrub drainageways

II. Occurs on floodplains and stream terraces

A. PES R228XY702AK: High elevation scrub complex floodplains and terraces

III. Occurs on mountain slopes, outwash plains, and glacial landforms

A. Associated with hummocks

1 PESR228XY713AK: Alpine tussock tundra hummocks

B. Associated with dry, gravelly slopes

1 PES R228XY704AK: Dryas/dwarf ericaceous scrub gravelly slopes