

# Major Land Resource Area 228X

## Interior Alaska Mountains

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### Ecological site keys

#### MLRA 228X

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- 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

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- 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
    - a. PES R228XY714AK: Mixed spruce/birch-ericaceous scrub woodland mesic slopes

## Alpine life zone

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- 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