

Major Land Resource Area 043A

Northern Rocky Mountains

Accessed: 05/10/2025

Ecological site keys

43A LRU 1-4, frigid/xeric zone - Draft key (4MOS)

A. Cool-frigid...(EX043AESG04)

- a. High WT...use F043AY514WA ... F043AY514WA – Cool-Frigid, Xeric, Loamy Mountainsides, mixed ash surface (Douglas Fir/Cool Dry Grass) *Pseudotsuga menziesii* - *Calamagrostis rubescens*
- b. Not High WT
 - i. Dry-xeric
 - 1 Aspen dominates site...F043AY533WA (aspen-pinegrass) ... F043AY533WA – Cool-Frigid, Dry-Xeric, Loamy Mountainsides (Aspen Cool Grass) *Populus tremuloides*/*Calamagrostis rubescens*
 - 2 Conifers dominate site
 - a. Sandy...F043AY516WA ... F043AY516WA – Cool-Frigid, Xeric, Sandy Outwash Terraces, mixed ash surface (Douglas-fir/Cool Dry Grass) *Pseudotsuga menziesii* - *Calamagrostis rubescens*
 - b. Loamy
 - i. Low awc...F043AY515WA ... F043AY515WA – Cool-Frigid, Xeric, Loamy Mountainsides, low AWC subsoils (Douglas Fir/Cool Dry Grass) *Pseudotsuga menziesii* - *Calamagrostis rubescens*
 - ii. Loamy
 - 1 Ashy...F043AY513WA ... F043AY513WA – Cool-Frigid, Xeric, Loamy Mountainsides, ashy surface (Douglas-Fir/Cool Dry Grass) *Pseudotsuga menziesii* - *Calamagrostis rubescens*
 - 2 Mixed ash...F043AY514WA ... F043AY514WA – Cool-Frigid, Xeric, Loamy Mountainsides, mixed ash surface (Douglas Fir/Cool Dry Grass) *Pseudotsuga menziesii* - *Calamagrostis rubescens*
 - ii. Moist-xeric
 - 1 Sandy...F043AY586WA ... F043AY586WA – Frigid, Xeric, Sandy, Outwash Terraces (Douglas-fir-Grand Fir Cool Shrub)
 - 2 Loamy
 - a. Mountain sides...F043AY531WA ... F043AY531WA – Cool-Frigid, Moist-Xeric, Loamy Mountainsides, ashy surface (Douglas-fir-Grand Fir Cool Shrub) Douglas-fir-grand fir/low huckleberry-big huckleberry-dwarf huckleberry
 - b. Terraces...F043AY532WA ... F043AY532WA – Cool-Frigid, Moist-Xeric, Loamy Terraces, ashy surface (Douglas-fir-Grand Fir Cool Shrub) Douglas-fir-grand fir/low huckleberry-big huckleberry-dwarf huckleberry

B. Frigid or warm-frigid

- a. Warm-frigid
 - i. Aquic Xeric ... R043AY513ID
 - ii. Other
 - 1 Xeric (EX043AESG05)
 - a. High WT ... F043AY534WA – Warm-Frigid, Aquic, Loamy Footslopes and Flood Plains (Aspen Low Shrub) *Populus tremuloides*/*Symphoricarpos albus*
 - b. No high WT

i. Sandy...F043AY585WA ... F043AY585WA – Warm-Frigid, Xeric, Sandy, Outwash Terraces (Douglas-fir Warm Dry Shrub)

ii. Not sandy

1 Low awc...F043AY519WA ... F043AY519WA – Warm-Frigid, Xeric, Loamy Slopes, low AWC subsoils (Douglas-Fir/Warm Dry Shrub) *Pseudotsuga menziesii* / *Physocarpus malvaceus* - *Symphoricarpos albus*

2 Loamy

a. Ashy...F043AY517WA ... F043AY517WA – Warm-Frigid, Xeric, Loamy Foothills/Mountainsides, ashy surface (Douglas-Fir/Warm Dry Shrub) *Pseudotsuga menziesii* / *Physocarpus malvaceus* - *Symphoricarpos albus*

b. Mixed ash...F043AY518WA ... F043AY518WA – Warm-Frigid, Xeric, Loamy Slopes, mixed ash surface (Douglas-Fir/Warm Dry Shrub) *Pseudotsuga menziesii* / *Physocarpus malvaceus* - *Symphoricarpos albus*

2 moist-xeric...(EX043AESG06)

a. Low awc...F043AY523WA

b. Loamy

i. Ashy...F043AY521WA ... F043AY521WA – Warm-Frigid, Moist- Xeric Loamy Foothills/Mountainsides, ashy surface (Grand Fir Warm Dry Shrub) *Abies grandis* - *Pseudotsuga menziesii* / *Physocarpus malvaceus* - *Symphoricarpos albus*

ii. Mixed ash...F043AY522WA ... F043AY522WA – Warm-Frigid, Moist- Xeric Loamy Foothills/Mountainsides, mixed ash surface (Grand Fir Warm Dry Shrub) *Abies grandis* - *Pseudotsuga menziesii* / *Physocarpus malvaceus* - *Symphoricarpos albus*

b. Frigid

i. Moist-xericABGR/LIBO...none proposed