CONSERVE OUR WESTERN ROOTS

Deep-Rooted Perennial Shrub
Sagebrush
Artemisia spp.

Annual Forb
Maiden blue-eyed Mary
Collinsia parviflora

Mid-Rooted Perennial Bunchgrass
Bottlebrush Squirreltail
Elymus elymoides

Shallow-Rooted Perennial Bunchgrass
Sandberg Bluegrass
Poa secunda

Perennial Forb
Lupine
Lupinus spp.

Perennial Forb (Nitrogen-fixing)
Buckwheat
Eriogonum spp.

Perennial Forb
Bluebunch Wheatgrass
Pseudoroegneria spicata

Deep-Rooted Perennial Bunchgrass
Thickspike Wheatgrass
Elymus lanceolatus

Rhizomatous Perennial Grass
Cheatgrass
Bromus tectorum

Biological Soil Crust (Lichens, Mosses, Bacteria)

Invasive Weed

Perennial Forb (Nitrogen-fixing)
Bluebunch Wheatgrass
Pseudoroegneria spicata

Perennial Bunchgrass
Cheatgrass
Bromus tectorum

Annual Grass

Perennial Forb
Deep-Rooted Perennial Shrub

Annual Forb
Mid-Rooted Perennial Bunchgrass

Shallow-Rooted Perennial Bunchgrass
Sandberg Bluegrass
Poa secunda

Perennial Forb
Lupine
Lupinus spp.

Perennial Forb (Nitrogen-fixing)
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Perennial Forb
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Deep-Rooted Perennial Bunchgrass
Thickspike Wheatgrass
Elymus lanceolatus

Biological Soil Crust (Lichens, Mosses, Bacteria)
Promoting healthy and diverse native plant roots in the sagebrush sea benefits everyone

Support Wildlife • Improve Soil Health
Resist Invasive Weeds • Rebound from Wildfire
Build Drought Resilience • Sustain People

The sagebrush sea sustains human and natural communities in the American West. These working rangelands support a wide variety of different plant types with unique life history strategies and root systems — scientists call them "functional/structural groups.” SGI works with ranchers to conserve plant diversity and promote healthy roots, which pays dividends for current and future generations.

To learn more, visit: sagegrouseinitiative.com/roots