

Seeds of Success

POACEAE

Elymus elymoides (Raf.) Swezey

U.S.A., Oregon, Harney Co., Warm Springs Valley, BLM Burns Three Rivers FO T24S R29E 06. 0.8mi at 181° from Sage Hen Hill rsrv. 43.5212 -119.2864 (WGS84 +/- 5m).

Gravelly sage flats. At 4,580 ft (1,395 m), on a flat, 0° slo. 208° asp.; geology: Sedimentary, clastic.

Veg.: *Artemisia arbuscula*, *Poa secunda*, *Elymus elymoides*, *Festuca idahoensis*, *Eriocoma thurberiana*. Ass.: *Delphinium andersonii*, *Bromus tectorum*, *Trifolium macrocephalum*, *Collinsia parviflora*, *Blepharipappus scaber*, *Crepis acuminata*, *C. occidentalis*, *Lomatium* sp., *Nothocalais troximoides*, *Myosotis* sp., *Lithophragma* sp.

20mins from Hines OR via US-20 W/US-395 S. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Turn L at the 1st cross street on US-20 W/US-395 S 13.2 mi. Head to Sage Hen Hill rsrv.
Reed Clark Benkendorf 2833, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Flora of the PNW*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ASTERACEAE

Nothocalais troximoides A. Gray

U.S.A., Oregon, Harney Co., Warm Springs Valley, BLM Burns Three Rivers FO T24S R29E 06. 0.8mi at 181° from Sage Hen Hill rsrv. 43.5212 -119.2864 (WGS84 +/- 5m).

Gravelly sage flats. At 4,580 ft (1,395 m), on a flat, 0° slo. 208° asp.; geology: Sedimentary, clastic.

Veg.: *Artemisia arbuscula*, *Poa secunda*, *Elymus elymoides*, *Festuca idahoensis*, *Eriocoma thurberiana*. Ass.: *Delphinium andersonii*, *Bromus tectorum*, *Trifolium macrocephalum*, *Collinsia parviflora*, *Blepharipappus scaber*, *Crepis acuminata*, *C. occidentalis*, *Lomatium* sp., *Nothocalais troximoides*, *Myosotis* sp., *Lithophragma* sp.

20mins from Hines OR via US-20 W/US-395 S. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Turn L at the 1st cross street on US-20 W/US-395 S 13.2 mi. Head to Sage Hen Hill rsrv.
Reed Clark Benkendorf 2835, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Flora of the PNW*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Poa secunda J. Presl

U.S.A., Oregon, Harney Co., Warm Springs Valley, BLM Burns Three Rivers FO T24S R29E 06. 0.8mi at 181° from Sage Hen Hill rsrv. 43.5212 -119.2864 (WGS84 +/- 5m).

Gravelly sage flats. At 4,580 ft (1,395 m), on a flat, 0° slo. 208° asp.; geology: Sedimentary, clastic.

Veg.: *Artemisia arbuscula*, *Poa secunda*, *Elymus elymoides*, *Festuca idahoensis*, *Eriocoma thurberiana*. Ass.: *Delphinium andersonii*, *Bromus tectorum*, *Trifolium macrocephalum*, *Collinsia parviflora*, *Blepharipappus scaber*, *Crepis acuminata*, *C. occidentalis*, *Lomatium* sp., *Nothocalais troximoides*, *Myosotis* sp., *Lithophragma* sp.

20mins from Hines OR via US-20 W/US-395 S. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Turn L at the 1st cross street on US-20 W/US-395 S 13.2 mi. Head to Sage Hen Hill rsrv.
Reed Clark Benkendorf 2834, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Flora of the PNW*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

OROBANCHACEAE

Castilleja pilosa (S. Watson) Rydb. var. *pilosa* (S. Watson) Rydb.

U.S.A., Oregon, Harney Co., Warm Springs Valley, BLM Burns Three Rivers FO T24S R29E 06. 0.8mi at 181° from Sage Hen Hill rsrv. 43.5212 -119.2864 (WGS84 +/- 5m).

Gravelly sage flats. At 4,580 ft (1,395 m), on a flat, 0° slo. 208° asp.; geology: Sedimentary, clastic.

Veg.: *Artemisia arbuscula*, *Poa secunda*, *Elymus elymoides*, *Festuca idahoensis*, *Eriocoma thurberiana*. Ass.: *Delphinium andersonii*, *Bromus tectorum*, *Trifolium macrocephalum*, *Blepharipappus scaber*, *Crepis acuminata*. Bracts creamy yellow

20mins from Hines OR via US-20 W/US-395 S. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Turn L at the 1st cross street on US-20 W/US-395 S 13.2 mi. Head to Sage Hen Hill rsrv.
Reed Clark Benkendorf 2836, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ONAGRACEAE

Neoholmgrenia andina (Nutt.) W.L. Wagner & Hoch

U.S.A., Oregon, Harney Co., Warm Springs Valley, BLM Burns Three Rivers FO T24S R29E 06. 0.8mi at 181° from Sage Hen Hill rsvr. 43.5212 -119.2864 (WGS84 +/- 5m).

Gravelly sage flats. At 4,580 ft (1,395 m), on a flat, 0° slo. 208° asp.; geology: Sedimentary, clastic.

Veg.: *Artemisia arbuscula*, *Poa secunda*, *Elymus elymoides*, *Festuca idahoensis*, *Eriocoma thurberiana*. Ass.: *Delphinium andersonii*, *Bromus tectorum*, *Trifolium macrocephalum*, *Collinsia parviflora*, *Blepharipappus scaber*, *Crepis acuminata*, *C. occidentalis*, *Lomatium* sp., *Nothocalais troximoides*, *Myosotis* sp., *Lithophragma* sp.

20mins from Hines OR via US-20 W/US-395 S. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Turn L at the 1st cross street on US-20 W/US-395 S 13.2 mi. Head to Sage Hen Hill rsvr.
Reed Clark Benkendorf 2837, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Eriocoma thurberiana (Piper) Romasch.

U.S.A., Oregon, Harney Co., Wagonfire Valley, BLM Burns Three Rivers FO T24S R24E 13. 1.2mi at 350° from Hay lk. 43.4902 -119.7907 (WGS84 +/- 5m).

Silty south facing sagebrush slopes. At 4,590 ft (1,400 m), on a slope, 2° slo. 285° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* ssp. *wyomingensis*, *Poa secunda*, *Eriocoma thurberiana*, *Elymus elymoides*. Ass.: *Ionactis alpina*, *Crepis acuminata*, *Phlox hoodii*, *Delphinium andersonii*, *Alyssum desertorum*, *Lewisia rediviva*, *Antennaria dimorpha*, *Eriogonum ovalifolium*, *Phlox longifolia*, *Bromus tectorum*.

1 hr from Hines OR via US-20 W. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Con't to follow US-20 W 37.9 mi. Turn L on Gap Ranch-Wagonfire Rd 3.6 mi. Head to Hay lk.

Reed Clark Benkendorf 2839, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Flora of the PNW*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

AMARYLLIDACEAE

Allium acuminatum Hook.

U.S.A., Oregon, Harney Co., Warm Springs Valley, BLM Burns Three Rivers FO T24S R29E 06. 0.8mi at 181° from Sage Hen Hill rsvr. 43.5212 -119.2864 (WGS84 +/- 5m).

Gravelly sage flats. At 4,580 ft (1,395 m), on a flat, 0° slo. 208° asp.; geology: Sedimentary, clastic.

Veg.: *Artemisia arbuscula*, *Poa secunda*, *Elymus elymoides*, *Festuca idahoensis*, *Eriocoma thurberiana*. Ass.: *Delphinium andersonii*, *Bromus tectorum*, *Trifolium macrocephalum*, *Collinsia parviflora*, *Blepharipappus scaber*, *Crepis acuminata*, *C. occidentalis*, *Nothocalais troximoides*, *Myosotis* sp.

20mins from Hines OR via US-20 W/US-395 S. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Turn L at the 1st cross street on US-20 W/US-395 S 13.2 mi. Head to Sage Hen Hill rsvr.

Reed Clark Benkendorf 2838, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Elymus elymoides (Raf.) Swezey

U.S.A., Oregon, Harney Co., Wagonfire Valley, BLM Burns Three Rivers FO T24S R24E 13. 1.2mi at 350° from Hay lk. 43.4902 -119.7907 (WGS84 +/- 5m).

Silty south facing sagebrush slopes. At 4,590 ft (1,400 m), on a slope, 2° slo. 285° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* ssp. *wyomingensis*, *Poa secunda*, *Eriocoma thurberiana*, *Elymus elymoides*. Ass.: *Ionactis alpina*, *Crepis acuminata*, *Phlox hoodii*, *Delphinium andersonii*, *Alyssum desertorum*, *Lewisia rediviva*, *Antennaria dimorpha*, *Eriogonum ovalifolium*, *Phlox longifolia*, *Bromus tectorum*.

1 hr from Hines OR via US-20 W. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Con't to follow US-20 W 37.9 mi. Turn L on Gap Ranch-Wagonfire Rd 3.6 mi. Head to Hay lk.

Reed Clark Benkendorf 2840, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Flora of the PNW*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POLYGONACEAE

Eriogonum ovalifolium Nutt. var. *ovalifolium* Nutt.

U.S.A., Oregon, Harney Co., Wagon Tire Valley, BLM Burns Three Rivers FO T24S R24E 13. 1.2mi at 350° from Hay lk. 43.4902 -119.7907 (WGS84 +/- 5m).

Silty south facing sagebrush slopes. At 4,590 ft (1,400 m), on a slope, 2° slo. 285° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* ssp. *wyomingensis*, *Poa secunda*, *Eriocoma thurberiana*, *Elymus elymoides*. Ass.: *Ionactis alpina*, *Crepis acuminata*, *Phlox hoodii*, *Delphinium andersonii*, *Alyssum desertorum*, *Lewisia rediviva*, *Antennaria dimorpha*, *Eriogonum ovalifolium*, *Phlox longifolia*, *Bromus tectorum*.

1 hr from Hines OR via US-20 W. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Con't to follow US-20 W 37.9 mi. Turn L on Gap Ranch-Wagon Tire Rd 3.6 mi. Head to Hay lk.

Reed Clark Benkendorf 2841, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

RANUNCULACEAE

Delphinium andersonii A. Gray

U.S.A., Oregon, Harney Co., Wagon Tire Valley, BLM Burns Three Rivers FO T24S R24E 13. 1.2mi at 350° from Hay lk. 43.4902 -119.7907 (WGS84 +/- 5m).

Silty south facing sagebrush slopes. At 4,590 ft (1,400 m), on a slope, 2° slo. 285° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* ssp. *wyomingensis*, *Poa secunda*, *Eriocoma thurberiana*, *Elymus elymoides*. Ass.: *Ionactis alpina*, *Crepis acuminata*, *Phlox hoodii*, *Delphinium andersonii*, *Alyssum desertorum*, *Lewisia rediviva*, *Antennaria dimorpha*, *Eriogonum ovalifolium*, *Phlox longifolia*, *Bromus tectorum*.

1 hr from Hines OR via US-20 W. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Con't to follow US-20 W 37.9 mi. Turn L on Gap Ranch-Wagon Tire Rd 3.6 mi. Head to Hay lk.

Reed Clark Benkendorf 2843, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Poa secunda J. Presl

U.S.A., Oregon, Harney Co., Wagon Tire Valley, BLM Burns Three Rivers FO T24S R24E 13. 1.2mi at 350° from Hay lk. 43.4902 -119.7907 (WGS84 +/- 5m).

Silty south facing sagebrush slopes. At 4,590 ft (1,400 m), on a slope, 2° slo. 285° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* ssp. *wyomingensis*, *Poa secunda*, *Eriocoma thurberiana*, *Elymus elymoides*. Ass.: *Ionactis alpina*, *Crepis acuminata*, *Phlox hoodii*, *Delphinium andersonii*, *Alyssum desertorum*, *Lewisia rediviva*, *Antennaria dimorpha*, *Eriogonum ovalifolium*, *Phlox longifolia*, *Bromus tectorum*.

1 hr from Hines OR via US-20 W. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Con't to follow US-20 W 37.9 mi. Turn L on Gap Ranch-Wagon Tire Rd 3.6 mi. Head to Hay lk.

Reed Clark Benkendorf 2842, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Flora of the PNW*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

FABACEAE

Astragalus filipes Torr. ex A. Gray

U.S.A., Oregon, Harney Co., Wagon Tire Valley, BLM Burns Three Rivers FO T24S R24E 12. 1.7mi at 267° from Juniper Ridge. 43.5005 -119.7843 (WGS84 +/- 5m).

Shoulder of hill, gravely silty-sandy soils. At 4,660 ft (1,419 m), on a slope, 3° slo. 248° asp.; geology: Sedimentary, clastic.

Veg.: *Artemisia tridentata* ssp. *wyomingensis*, *Poa secunda*, *Eriocoma thurberiana*, *Elymus elymoides*. Ass.: *Phlox hoodii*, *Phlox longifolia*, *Linanthus* sp.

1 hr from Hines OR via US-20 W. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Con't to follow US-20 W 37.9 mi. Turn L on Gap Ranch-Wagon Tire Rd 2.8 mi. Head to Juniper Ridge.

Reed Clark Benkendorf 2844, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POLEMONIACEAE

Phlox hoodii Richardson

U.S.A., Oregon, Harney Co., Wagon Tire Valley, BLM Burns Three Rivers FO T24S R24E 12. 1.7mi at 267° from Juniper Ridge. 43.5005 -119.7843 (WGS84 +/- 5m).

Shoulder of hill, gravely silty-sandy soils. At 4,660 ft (1,419 m), on a slope, 3° slo. 248° asp.; geology: Sedimentary, clastic.

Veg.: *Artemisia tridentata* ssp. *wyomingensis*, *Poa secunda*, *Eriocoma thurberiana*, *Elymus elymoides*. Ass.: *Phlox hoodii*, *Phlox longifolia*, *Linanthus* sp.

1 hr from Hines OR via US-20 W. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Con't to follow US-20 W 37.9 mi. Turn L on Gap Ranch-Wagon Tire Rd 2.8 mi. Head to Juniper Ridge.

Reed Clark Benkendorf 2845, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Flora of the PNW*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

PLANTAGINACEAE

Penstemon deustus Douglas

U.S.A., Oregon, Harney Co., Silver Creek Valley, BLM Burns Three Rivers FO T23S R28E 32. 0.9mi at 169° from Elliott cnyn. 43.5346 -119.3847 (WGS84 +/- 5m).

Basalt scablands. At 4,470 ft (1,363 m), on a flat, 1° slo. 359° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia arbuscula*, *Poa secunda*, *Eriogonum sphaerocephalum*, *Festuca idahoensis*. Ass.: *Alyssum desertorum*, *Blapharippa scaber*, *Crepis occidentalis*.

20mins from Hines OR via US-20 W/US-395 S. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Turn L at the 1st cross street on US-20 W/US-395 S 18.4 mi. Head to Elliott cnyn.

Reed Clark Benkendorf 2847, Linda Martin, Payton Lott; 9 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

FABACEAE

Lupinus caudatus Kellogg

U.S.A., Oregon, Harney Co., Silver Creek Valley, BLM Burns Three Rivers FO T23S R26E 31. 2.1mi at 183° from Chickahominy rsrv. 43.5385 -119.6396 (WGS84 +/- 5m).

Alluvial fan. At 4,340 ft (1,324 m), on a slope, 5° slo. 19° asp.; geology: Sedimentary, clastic.

Veg.: *Artemisia tridentata* ssp. *wyomingensis*, *Pseudoroegneria spicata*, *Poa secunda*.

40mins from Hines OR via US-20 W. Head northwest on E Pettibone Ave toward US-20 E/US-395 N. Con't to follow US-20 W 31.2 mi. Head to Chickahominy rsrv.

Reed Clark Benkendorf 2846, Linda Martin, Payton Lott; 8 Jun, 2023. Fide: *Flora of Oregon*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ASTERACEAE

Erigeron linearis (Hook.) Piper

U.S.A., Oregon, Harney Co., Diamond Valley, T29S R33E 27. 1.1mi at 221° from Road lk. 43.0247 -118.6333 (WGS84 +/- 5m).

Gravelly lithosols on rim of a basalt mesa. At 4,590 ft (1,400 m), on a slope, 12° slo. 257° asp.; geology: Igneous, volcanic.

Veg.: *Erigeron linearis*, *Lomatium cous*, *Balsamorhiza hookeri*, *Scutellaria antirrhinoides*. Ass.: *S. nana*, *Bromus tectorum*, *Penstemon deustus*.

1.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 40.7 mi. Turn L on Diamond Ln 6.8 mi. Turn L on Lava Beds Rd 1 mi. Slight right 0.4 mi. Turn R on N Diamond Loop Rd 4.5 mi. Turn L on Happy Valley Rd 1.8 mi. Head to Road lk.

Reed Clark Benkendorf 2848, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

APIACEAE

Lomatium cous (S. Watson) J.M. Coult. & Rose

U.S.A., Oregon, Harney Co., Diamond Valley, T29S R33E 27. 1.1mi at 221° from Road lk. 43.0247 -118.6333 (WGS84 +/- 5m).

Gravelly lithosols on rim of a basalt mesa. At 4,590 ft (1,400 m), on a slope, 12° slo. 257° asp.; geology: Igneous, volcanic. Veg.: *Erigeron linearis*, *Lomatium cous*, *Balsamorhiza hookeri*, *Scutellaria antirrhinoides*. Ass.: *S. nana*, *Bromus tectorum*, *Penstemon deustus*.

1.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 40.7 mi. Turn L on Diamond Ln 6.8 mi. Turn L on Lava Beds Rd 1 mi. Slight right 0.4 mi. Turn R on N Diamond Loop Rd 4.5 mi. Turn L on Happy Valley Rd 1.8 mi. Head to Road lk.

Reed Clark Benkendorf 2849, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

PHRYMACEAE

Diplacus nanus (Hook. & Arn.) G.L. Nesom

U.S.A., Oregon, Harney Co., Diamond Valley, T29S R33E 27. 1.1mi at 221° from Road lk. 43.0247 -118.6333 (WGS84 +/- 5m).

Gravelly lithosols on rim of a basalt mesa. At 4,590 ft (1,400 m), on a slope, 12° slo. 257° asp.; geology: Igneous, volcanic. Veg.: *Erigeron linearis*, *Lomatium cous*, *Balsamorhiza hookeri*, *Scutellaria antirrhinoides*. Ass.: *S. nana*, *Bromus tectorum*, *Penstemon deustus*.

1.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 40.7 mi. Turn L on Diamond Ln 6.8 mi. Turn L on Lava Beds Rd 1 mi. Slight right 0.4 mi. Turn R on N Diamond Loop Rd 4.5 mi. Turn L on Happy Valley Rd 1.8 mi. Head to Road lk.

Reed Clark Benkendorf 2851, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

LAMIACEAE

Scutellaria nana A. Gray

U.S.A., Oregon, Harney Co., Diamond Valley, T29S R33E 27. 1.1mi at 221° from Road lk. 43.0247 -118.6333 (WGS84 +/- 5m).

Gravelly lithosols on rim of a basalt mesa. At 4,590 ft (1,400 m), on a slope, 12° slo. 257° asp.; geology: Igneous, volcanic. Veg.: *Erigeron linearis*, *Lomatium cous*, *Balsamorhiza hookeri*, *Scutellaria antirrhinoides*. Ass.: *S. nana*, *Bromus tectorum*, *Penstemon deustus*. Corolla creamy white-yellow

1.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 40.7 mi. Turn L on Diamond Ln 6.8 mi. Turn L on Lava Beds Rd 1 mi. Slight right 0.4 mi. Turn R on N Diamond Loop Rd 4.5 mi. Turn L on Happy Valley Rd 1.8 mi. Head to Road lk.

Reed Clark Benkendorf 2850, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Flora of the PNW*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

AMARYLLIDACEAE

Allium parvum Kellogg

U.S.A., Oregon, Harney Co., Diamond Valley, T29S R33E 27. 1.1mi at 221° from Road lk. 43.0247 -118.6333 (WGS84 +/- 5m).

Gravelly lithosols on rim of a basalt mesa. At 4,590 ft (1,400 m), on a slope, 12° slo. 257° asp.; geology: Igneous, volcanic. Veg.: *Erigeron linearis*, *Lomatium cous*, *Balsamorhiza hookeri*, *Scutellaria antirrhinoides*. Ass.: *S. nana*, *Bromus tectorum*, *Penstemon deustus*.

1.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 40.7 mi. Turn L on Diamond Ln 6.8 mi. Turn L on Lava Beds Rd 1 mi. Slight right 0.4 mi. Turn R on N Diamond Loop Rd 4.5 mi. Turn L on Happy Valley Rd 1.8 mi. Head to Road lk.

Reed Clark Benkendorf 2852, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Flora of Oregon*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

PHRYMACEAE

Erythranthe breweri (Greene) G.L. Nesom & N.S. Fraga

U.S.A., Oregon, Harney Co., Diamond Valley, T29S R33E 27. 1.1mi at 221° from Road lk. 43.0247 -118.6333 (WGS84 +/- 5m).

Gravelly lithosols on rim of a basalt mesa. At 4,590 ft (1,400 m), on a slope, 12° slo. 257° asp.; geology: Igneous, volcanic. Veg.: *Erigeron linearis*, *Lomatium cous*, *Balsamorhiza hookeri*, *Scutellaria antirrhinoides*. Ass.: *S. nana*, *Bromus tectorum*, *Penstemon deustus*.

1.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 40.7 mi. Turn L on Diamond Ln 6.8 mi. Turn L on Lava Beds Rd 1 mi. Slight right 0.4 mi. Turn R on N Diamond Loop Rd 4.5 mi. Turn L on Happy Valley Rd 1.8 mi. Head to Road lk.

Reed Clark Benkendorf 2853, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

HALORAGACEAE

Valerianella locusta (L.) Laterr.

U.S.A., Oregon, Harney Co., Diamond Valley, T29S R33E 27. 1.1mi at 221° from Road lk. 43.0247 -118.6333 (WGS84 +/- 5m).

Gravelly lithosols on rim of a basalt mesa. At 4,590 ft (1,400 m), on a slope, 12° slo. 257° asp.; geology: Igneous, volcanic. Veg.: *Erigeron linearis*, *Lomatium cous*, *Balsamorhiza hookeri*, *Scutellaria antirrhinoides*. Ass.: *S. nana*, *Bromus tectorum*, *Penstemon deustus*.

1.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 40.7 mi. Turn L on Diamond Ln 6.8 mi. Turn L on Lava Beds Rd 1 mi. Slight right 0.4 mi. Turn R on N Diamond Loop Rd 4.5 mi. Turn L on Happy Valley Rd 1.8 mi. Head to Road lk.

Reed Clark Benkendorf 2855, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ASTERACEAE

Dimeresia howellii A. Gray

U.S.A., Oregon, Harney Co., Diamond Valley, T29S R33E 27. 1.1mi at 221° from Road lk. 43.0247 -118.6333 (WGS84 +/- 5m).

Gravelly lithosols on rim of a basalt mesa. At 4,590 ft (1,400 m), on a slope, 12° slo. 257° asp.; geology: Igneous, volcanic. Veg.: *Erigeron linearis*, *Lomatium cous*, *Balsamorhiza hookeri*, *Scutellaria antirrhinoides*. Ass.: *S. nana*, *Bromus tectorum*, *Penstemon deustus*.

1.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 40.7 mi. Turn L on Diamond Ln 6.8 mi. Turn L on Lava Beds Rd 1 mi. Slight right 0.4 mi. Turn R on N Diamond Loop Rd 4.5 mi. Turn L on Happy Valley Rd 1.8 mi. Head to Road lk.

Reed Clark Benkendorf 2854, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ASTERACEAE

Agoseris heterophylla (Nutt.) Greene

U.S.A., Oregon, Harney Co., Diamond Valley, T29S R33E 27. 1.1mi at 221° from Road lk. 43.0247 -118.6333 (WGS84 +/- 5m).

Gravelly lithosols on rim of a basalt mesa. At 4,590 ft (1,400 m), on a slope, 12° slo. 257° asp.; geology: Igneous, volcanic. Veg.: *Erigeron linearis*, *Lomatium cous*, *Balsamorhiza hookeri*, *Scutellaria antirrhinoides*. Ass.: *S. nana*, *Bromus tectorum*, *Penstemon deustus*.

1.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 40.7 mi. Turn L on Diamond Ln 6.8 mi. Turn L on Lava Beds Rd 1 mi. Slight right 0.4 mi. Turn R on N Diamond Loop Rd 4.5 mi. Turn L on Happy Valley Rd 1.8 mi. Head to Road lk.

Reed Clark Benkendorf 2856, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

HYDROPHYLLACEAE

Phacelia linearis (Pursh) Holz.

U.S.A., Oregon, Harney Co., Diamond Valley, T29S R33E 27. 1.1mi at 221° from Road lk. 43.0247 -118.6333 (WGS84 +/- 5m).

Gravelly lithosols on rim of a basalt mesa. At 4,590 ft (1,400 m), on a slope, 12° slo. 257° asp.; geology: Igneous, volcanic. Veg.: *Erigeron linearis*, *Lomatium cous*, *Balsamorhiza hookeri*, *Scutellaria antirrhinoides*. Ass.: *S. nana*, *Bromus tectorum*, *Penstemon deustus*.

1.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 40.7 mi. Turn L on Diamond Ln 6.8 mi. Turn L on Lava Beds Rd 1 mi. Slight right 0.4 mi. Turn R on N Diamond Loop Rd 4.5 mi. Turn L on Happy Valley Rd 1.8 mi. Head to Road lk.

Reed Clark Benkendorf 2857, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

CARYOPHYLLACEAE

Eremogone kingii (S. Watson) Ikonn. var. *glabrescens* (S. Watson) Dorn

U.S.A., Oregon, Harney Co., Catlow Valley, BLM Burns Andrews FO T33S R32E 22. 3mi at 76° from Kueny cnyn. 42.6927 -118.9401 (WGS84 +/- 5m).

Open slightly rocky sage-juniper meadow. At 5,350 ft (1,630 m), on a spur, 1° slo. 212° asp.; geology: Igneous, volcanic. Veg.: *Artemisia tridentata* var. *wyomingensis*, *Juniperus occidentalis*, *Poa secunda*. Ass.: *Crepis intermedia*, *P. bulbosa*, *Blepharipappus scaber*, *Lappula* sp., *Eremogone* sp., *Bromus tectorum*, *Eriophyllum lanatum*, *Penstemon deustus*.

1.5 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 4 mi. Head to Kueny cnyn.

Reed Clark Benkendorf 2859, Linda Martin, Payton Lott; 10 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

APIACEAE

Lomatium triternatum (Pursh) J.M. Coult. & Rose

U.S.A., Oregon, Harney Co., Catlow Valley, BLM Burns Andrews FO T33S R32E 22. 3mi at 76° from Kueny cnyn. 42.6927 -118.9401 (WGS84 +/- 5m).

Open slightly rocky sage-juniper meadow. At 5,350 ft (1,630 m), on a spur, 1° slo. 212° asp.; geology: Igneous, volcanic. Veg.: *Artemisia tridentata* var. *wyomingensis*, *Juniperus occidentalis*, *Poa secunda*. Ass.: *Crepis intermedia*, *P. bulbosa*, *Blepharipappus scaber*, *Lappula* sp., *Eremogone* sp., *Bromus tectorum*, *Eriophyllum lanatum*, *Penstemon deustus*.

1.5 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 4 mi. Head to Kueny cnyn.

Reed Clark Benkendorf 2858, Linda Martin, Payton Lott; 10 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ONAGRACEAE

Clarkia breweri (A. Gray) Greene

U.S.A., Oregon, Harney Co., Catlow Valley, BLM Burns Andrews FO T33S R32E 22. 3mi at 76° from Kueny cnyn. 42.6927 -118.9401 (WGS84 +/- 5m).

Open slightly rocky sage-juniper meadow. At 5,350 ft (1,630 m), on a spur, 1° slo. 212° asp.; geology: Igneous, volcanic. Veg.: *Artemisia tridentata* var. *wyomingensis*, *Juniperus occidentalis*, *Poa secunda*. Ass.: *Crepis intermedia*, *P. bulbosa*, *Blepharipappus scaber*, *Lappula* sp., *Eremogone* sp., *Bromus tectorum*, *Eriophyllum lanatum*, *Penstemon deustus*.

1.5 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 4 mi. Head to Kueny cnyn.

Reed Clark Benkendorf 2860, Linda Martin, Payton Lott; 10 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

PLANTAGINACEAE

Penstemon rydbergii A. Nelson var. *rydbergii*

U.S.A., Oregon, Harney Co., Catlow Valley, BLM Burns Andrews FO T33S R32E 22. 3mi at 76° from Kueny cnyn. 42.6927 -118.9401 (WGS84 +/- 5m).

Open slightly rocky sage-juniper meadow. At 5,350 ft (1,630 m), on a spur, 1° slo. 212° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* var. *wyomingensis*, *Juniperus occidentalis*, *Poa secunda*. Ass.: *Crepis intermedia*, *P. bulbosa*, *Blepharipappus scaber*, *Lappula* sp., *Eremogone* sp., *Bromus tectorum*, *Eriophyllum lanatum*, *Penstemon deustus*.

1.5 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 4 mi. Head to Kueny cnyn.

Reed Clark Benkendorf 2861, Linda Martin, Payton Lott; 10 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ASTERACEAE

Crepis intermedia A. Gray

U.S.A., Oregon, Harney Co., Catlow Valley, BLM Burns Andrews FO T33S R32E 22. 3mi at 76° from Kueny cnyn. 42.6927 -118.9401 (WGS84 +/- 5m).

Open slightly rocky sage-juniper meadow. At 5,350 ft (1,630 m), on a spur, 1° slo. 212° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* var. *wyomingensis*, *Juniperus occidentalis*, *Poa secunda*. Ass.: *Crepis intermedia*, *P. bulbosa*, *Blepharipappus scaber*, *Lappula* sp., *Eremogone* sp., *Bromus tectorum*, *Eriophyllum lanatum*, *Penstemon deustus*.

1.5 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 4 mi. Head to Kueny cnyn.

Reed Clark Benkendorf 2863, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Poa secunda J. Presl

U.S.A., Oregon, Harney Co., Catlow Valley, BLM Burns Andrews FO T33S R32E 35. 3.5mi at 87° from Roaring Springs. 42.6651 -118.9185 (WGS84 +/- 5m).

Open slightly rocky sage-juniper meadow. At 5,510 ft (1,681 m), in a valley, 2° slo. 37° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* var. *wyomingensis*, *Juniperus occidentalis*, *Poa secunda*, *Festuca idahoensis*. Ass.: *Poa bulbosa*, *Microsteris* sp., *Agoseris* sp.

1.7 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 6.5 mi. Head to Roaring Springs.

Reed Clark Benkendorf 2862, Linda Martin, Payton Lott; 10 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

HYDROPHYLLACEAE

Phacelia heterophylla Pursh

U.S.A., Oregon, Harney Co., Catlow Valley, BLM Burns Andrews FO T33S R32E 22. 3.2mi at 77° from Kueny cnyn. 42.692 -118.9367 (WGS84 +/- 5m).

Stable basalt ledges and talus slopes. At 5,310 ft (1,617 m), in a valley, 6° slo. 206° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* var. *wyomingensis*, *Juniperus occidentalis*, *Poa secunda*. Ass.: *Lupinus* sp., *Bromus tectorum*, *Lomatium triternatum*.

1.5 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 4.1 mi. Head to Kueny cnyn.

Reed Clark Benkendorf 2864, Linda Martin, Payton Lott; 10 Jun, 2023. Fide: *Intermountain Flora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Eriocoma thurberiana (Piper) Romasch.

U.S.A., Oregon, Malheur Co., Harney Basin, BLM Vale Malheur
FO T30S R38E 08. 0.7mi at 235° from South fk. Ryegrass crk.
42.9831 -118.0786 (WGS84 +/- 5m).

Lithosols derived from lava flows. At 4,520 ft (1,376 m), on a
shoulder, 1° slo. 56° asp.; geology: Sedimentary, clastic.
Veg.: *Artemisia tridentata* var. *wyomingensis*, *Eriocoma thurbe-*
riana, *Pseudoroegneria spicata*, *Poa secunda*, *Elymus elymoides*.
Ass.: *Crepis intermedia*, *Crepis occidentalis*, *Castilleja chromosa*,
Eriogonum ovalifolium.

1.2 hrs from Jordan Valley OR via US-95 S and OR-78 W. Follow US-95 S 45.2
mi. Slight right 0.4 mi. Con't on OR-78 W 18.2 mi. Turn L on N Fork Ryegrass
Creek Rd 0.3 mi. Head to South fk. Ryegrass crk.

Reed Clark Benkendorf 2865, Linda Martin, Payton Lott; 11
Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ASTERACEAE

Erigeron chrysopsidis A. Gray var. *austiniae* (Greene)
G.L. Nesom

U.S.A., Oregon, Malheur Co., Harney Basin, BLM Vale Malheur
FO T30S R38E 08. 0.7mi at 235° from South fk. Ryegrass crk.
42.9831 -118.0786 (WGS84 +/- 5m).

Lithosols derived from lava flows. At 4,520 ft (1,376 m), on a
shoulder, 1° slo. 56° asp.; geology: Sedimentary, clastic.
Veg.: *Artemisia tridentata* var. *wyomingensis*, *Eriocoma thurbe-*
riana, *Pseudoroegneria spicata*, *Poa secunda*, *Elymus elymoides*.
Ass.: *Crepis intermedia*, *Crepis occidentalis*, *Castilleja chromosa*,
Eriogonum ovalifolium.

1.2 hrs from Jordan Valley OR via US-95 S and OR-78 W. Follow US-95 S 45.2
mi. Slight right 0.4 mi. Con't on OR-78 W 18.2 mi. Turn L on N Fork Ryegrass
Creek Rd 0.3 mi. Head to South fk. Ryegrass crk.

Reed Clark Benkendorf 2867, Linda Martin, Payton Lott; 11
Jun, 2023. Fide: *Flora of Oregon*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Elymus elymoides (Raf.) Swezey

U.S.A., Oregon, Malheur Co., Harney Basin, BLM Vale Malheur
FO T30S R38E 08. 0.7mi at 235° from South fk. Ryegrass crk.
42.9831 -118.0786 (WGS84 +/- 5m).

Lithosols derived from lava flows. At 4,520 ft (1,376 m), on a
shoulder, 1° slo. 56° asp.; geology: Sedimentary, clastic.
Veg.: *Artemisia tridentata* var. *wyomingensis*, *Eriocoma thurbe-*
riana, *Pseudoroegneria spicata*, *Poa secunda*, *Elymus elymoides*.
Ass.: *Crepis intermedia*, *Crepis occidentalis*, *Castilleja chromosa*,
Eriogonum ovalifolium.

1.2 hrs from Jordan Valley OR via US-95 S and OR-78 W. Follow US-95 S 45.2
mi. Slight right 0.4 mi. Con't on OR-78 W 18.2 mi. Turn L on N Fork Ryegrass
Creek Rd 0.3 mi. Head to South fk. Ryegrass crk.

Reed Clark Benkendorf 2866, Linda Martin, Payton Lott; 11
Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Pseudoroegneria spicata (Pursh) Á.Löve

U.S.A., Oregon, Malheur Co., Harney Basin, BLM Vale Malheur
FO T30S R38E 08. 0.7mi at 235° from South fk. Ryegrass crk.
42.9831 -118.0786 (WGS84 +/- 5m).

Lithosols derived from lava flows. At 4,520 ft (1,376 m), on a
shoulder, 1° slo. 56° asp.; geology: Sedimentary, clastic.
Veg.: *Artemisia tridentata* var. *wyomingensis*, *Eriocoma thurbe-*
riana, *Pseudoroegneria spicata*, *Poa secunda*, *Elymus elymoides*.
Ass.: *Crepis intermedia*, *Crepis occidentalis*, *Castilleja chromosa*,
Eriogonum ovalifolium.

1.2 hrs from Jordan Valley OR via US-95 S and OR-78 W. Follow US-95 S 45.2
mi. Slight right 0.4 mi. Con't on OR-78 W 18.2 mi. Turn L on N Fork Ryegrass
Creek Rd 0.3 mi. Head to South fk. Ryegrass crk.

Reed Clark Benkendorf 2868, Linda Martin, Payton Lott; 11
Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

AMARYLLIDACEAE

Allium nevadense S. Watson

U.S.A., Oregon, Malheur Co., Steens Mountain Area, BLM Vale Malheur FO T30S R37E 25. 0.5mi at 139° from Small Butte. 42.9432 -118.1228 (WGS84 +/- 5m).

Thin soil areas on steep slopes. At 5,230 ft (1,595 m), in a valley, 7° slo. 1° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* var. *wyomingensis*, *Eriocoma thurberiana*, *Poa secunda*. Ass.: *Lupinus* sp., *Erigeron linearis*, *Leymus cinereus*, *Astragalus filipes*.

1.3 hrs from Jordan Valley OR via US-95 S and OR-78 W. Follow US-95 S 45.2 mi. Slight right 0.4 mi. Con't on OR-78 W 18.2 mi. Turn L on N Fork Ryegrass Creek Rd 4.1 mi. Head to Small Butte.

Reed Clark Benkendorf 2869, Linda Martin, Payton Lott; 11 Jun, 2023. Fide: *Flora of Oregon*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

FABACEAE

Astragalus filipes Torr. ex A. Gray

U.S.A., Oregon, Malheur Co., Southeast Blue Mountains, BLM Vale Malheur FO T19S R37E 01. 0.6mi at 75° from Warm Springs crk. 43.9442 -118.1205 (WGS84 +/- 5m).

Toe of slopes and hillsides. At 3,590 ft (1,093 m), in a hollow, 13° slo. 316° asp.; geology: Unconsolidated, undifferentiated.

Veg.: *Artemisia tridentata* var. *wyomingensis*, *Eriocoma thurberiana*, *Poa secunda*. Ass.: *Lupinus* sp., *Erigeron linearis*, *Leymus cinereus*, *Astragalus filipes*.

2.8 hrs from Unity OR via US-26 E and US-20 W. Head east on S Burnt River Ln toward S 1st Ave 0.1 mi. Con't to follow US-26 E 65.1 mi. Con't to follow US-20 W 55.6 mi. Turn R on Hildah Rd 0.2 mi. Con't on Beulah Rd 17.1 mi. Head to Warm Springs crk.

Reed Clark Benkendorf 2871, Linda Martin, Payton Lott; 11 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Leymus cinereus (Scribn. & Merr.) Á.Löve

U.S.A., Oregon, Malheur Co., Steens Mountain Area, BLM Vale Malheur FO T30S R37E 24. 0.5mi at 123° from Small Butte. 42.9445 -118.1205 (WGS84 +/- 5m).

Toe of slopes and hillsides. At 5,190 ft (1,582 m), in a valley, 4° slo. 59° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata* var. *wyomingensis*, *Eriocoma thurberiana*, *Poa secunda*. Ass.: *Lupinus* sp., *Erigeron linearis*, *Leymus cinereus*, *Astragalus filipes*.

1.3 hrs from Jordan Valley OR via US-95 S and OR-78 W. Follow US-95 S 45.2 mi. Slight right 0.4 mi. Con't on OR-78 W 18.2 mi. Turn L on N Fork Ryegrass Creek Rd 3.9 mi. Head to Small Butte.

Reed Clark Benkendorf 2870, Linda Martin, Payton Lott; 11 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

PLANTAGINACEAE

Penstemon speciosus Douglas

U.S.A., Oregon, Malheur Co., Harney Basin, BLM Vale Malheur FO T30S R38E 05. 0.5mi at 286° from South fk. Ryegrass crk. 42.9908 -118.0776 (WGS84 +/- 5m).

Silty basalt flows.. At 4,480 ft (1,365 m), on a flat, 1° slo. 68° asp.; geology: Sedimentary, clastic.

Veg.: *Artemisia tridentata* ssp. *wyomingensis*, *Grayia spinosa*, *Eriocoma thurberiana*, *Pseudoroegneria spicata*. Ass.: *Crepis intermedia*, *Erigeron linearis*, *Allium* sp., *Eriogonum ovalifolium*. Corolla light purple-blue

1.2 hrs from Jordan Valley OR via US-95 S and OR-78 W. Follow US-95 S 45.2 mi. Slight right 0.4 mi. Con't on OR-78 W 18.4 mi. Head to South fk. Ryegrass crk.

Reed Clark Benkendorf 2872, Payton Lott; 12 Jun, 2023. Fide: *Jepson Eflora*, det.: RCB, 15 Jun, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POLYGONACEAE

Eriogonum heracleoides Nutt. var. *heracleoides*

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T33S R32.75E 35. 1.4mi at 355° from Big Indian crk. 42.673 -118.6911 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,350 ft (2,239 m), on a ridge, 9° slo. 188° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchensis*, *Elymus elymoides*, *Eriocoma occidentalis* var. *californica*.
Ass.: *Leptosiphon nuttallii*, *Eriogonum umbellatum*, *Eriogonum heracleoides*.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.4 mi. Head to Big Indian crk.

Reed Clark Benkendorf 2913; 27 Jul, 2023. Fide: *Intermountain Flora*, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

HYDROPHYLLACEAE

Phacelia hastata Douglas ex Lehm. var. *hastata*

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T33S R32.75E 35. 1.4mi at 355° from Big Indian crk. 42.673 -118.6911 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,350 ft (2,239 m), on a ridge, 9° slo. 188° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchensis*, *Elymus elymoides*, *Achantherum occidentale* var. *californica*.
Ass.: *Leptosiphon nuttallii*, *Eriogonum umbellatum*, *Eriogonum heracleoides*.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.4 mi. Head to Big Indian crk.

Reed Clark Benkendorf 2915; 27 Jul, 2023. Fide: *Intermountain Flora*, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POLYGONACEAE

Eriogonum umbellatum Torr. var. *modocense* (Greene) S. Stokes

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T33S R32.75E 35. 1.4mi at 355° from Big Indian crk. 42.673 -118.6911 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,350 ft (2,239 m), on a ridge, 9° slo. 188° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchensis*, *Elymus elymoides*, *Achantherum occidentale* var. *californica*.
Ass.: *Leptosiphon nuttallii*, *Eriogonum umbellatum*, *Eriogonum heracleoides*.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.4 mi. Head to Big Indian crk.

Reed Clark Benkendorf 2914; 27 Jul, 2023. Fide: *Intermountain Flora*, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ASTERACEAE

Erigeron speciosus (Lindl.) DC.

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T33S R32.75E 35. 1.4mi at 355° from Big Indian crk. 42.673 -118.6911 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,350 ft (2,239 m), on a ridge, 9° slo. 188° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchensis*, *Elymus elymoides*, *Achantherum occidentale* var. *californica*.
Ass.: *Leptosiphon nuttallii*, *Eriogonum umbellatum*, *Eriogonum heracleoides*.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.4 mi. Head to Big Indian crk.

Reed Clark Benkendorf 2916; 27 Jul, 2023. Fide: *Intermountain Flora*, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Bromus sitchensis Trin. var. *marginatus* (Piper)
Otting and R.E. Brainerd

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns
Andrews FO T33S R32.75E 35. 1.4mi at 355° from Big Indian
crk. 42.673 -118.6911 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,350 ft (2,239
m), on a ridge, 9° slo. 188° asp.; geology: Igneous, volcanic.
Veg.: *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchen-*
sis, *Elymus elymoides*, *Achantherum occidentale* var. *californica*.
Ass.: *Leptosiphon nuttallii*, *Eriogonum umbellatum*, *Eriogonum*
heracleoides.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20
E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78
E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain
Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.4 mi. Head to Big
Indian crk.

Reed Clark Benkendorf 2917; 27 Jul, 2023. Fide: *Intermountain*
Flora, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Eriocoma occidentalis (Thurb. ex S. Watson) subsp.
californica (Merr. & Burt Davy) Romasch.

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns
Andrews FO T33S R32.75E 35. 1.4mi at 355° from Big Indian
crk. 42.673 -118.6911 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,350 ft (2,239
m), on a ridge, 9° slo. 188° asp.; geology: Igneous, volcanic.
Veg.: *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchen-*
sis, *Elymus elymoides*, *Achantherum occidentale* var. *californica*.
Ass.: *Leptosiphon nuttallii*, *Eriogonum umbellatum*, *Eriogonum*
heracleoides.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20
E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78
E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain
Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.4 mi. Head to Big
Indian crk.

Reed Clark Benkendorf 2919; 27 Jul, 2023. Fide: *Intermountain*
Flora, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

OROBANCHACEAE

Orthocarpus cuspidatus Greene var. *cryptanthus*
(Piper) T.I. Chuang & Heckard

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns
Andrews FO T33S R32.75E 35. 1.4mi at 355° from Big Indian
crk. 42.673 -118.6911 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,350 ft (2,239
m), on a ridge, 9° slo. 188° asp.; geology: Igneous, volcanic.
Veg.: *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchen-*
sis, *Elymus elymoides*, *Achantherum occidentale* var. *californica*.
Ass.: *Leptosiphon nuttallii*, *Eriogonum umbellatum*, *Eriogonum*
heracleoides.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20
E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78
E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain
Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.4 mi. Head to Big
Indian crk.

Reed Clark Benkendorf 2918; 27 Jul, 2023. Fide: *Intermountain*
Flora, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

CARYOPHYLLACEAE

Leptosiphon nuttallii (A. Gray) J.M. Porter & L.A.
Johnson subsp. *nuttallii*

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns
Andrews FO T33S R32.75E 35. 1.4mi at 355° from Big Indian
crk. 42.673 -118.6911 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,350 ft (2,239
m), on a ridge, 9° slo. 188° asp.; geology: Igneous, volcanic.
Veg.: *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchen-*
sis, *Elymus elymoides*, *Achantherum occidentale* var. *californica*.
Ass.: *Leptosiphon nuttallii*, *Eriogonum umbellatum*, *Eriogonum*
heracleoides.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20
E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78
E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain
Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.4 mi. Head to Big
Indian crk.

Reed Clark Benkendorf 2920; 27 Jul, 2023. Fide: *Intermountain*
Flora, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POLYGONACEAE

Eriogonum heracleoides Nutt. var. *heracleoides*

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T32S R32.75E 33. 0.7mi at 33° from Corral crk. 42.7581 -118.7203 (WGS84 +/- 5m).

Sage meadows. At 6,530 ft (1,989 m), on a slope, 4° slo. 303° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata*, *Elymus elymoides*, *Festuca idahoensis*, *Poa secunda*, *Symphoricarpos* sp., *Bromus* sp., *Poa bulbosa*.
Ass.: *Androsace* sp.

1.7 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 58.3 mi. Slight L on Steens Mountain Lp Rd 0.2 mi. Steens Mountain Lp Rd turns slightly left 2.8 mi. Turn L toward Fish Lake Rd/Steens Mountain Loop 0.1 mi. Con't on Fish Lake Rd/Steens Mountain Loop 9.1 mi. Head to Corral crk.

Reed Clark Benkendorf 2921; 27 Jul, 2023. Fide: *Intermountain Flora*, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Elymus elymoides (Raf.) Swezey

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T32S R32.75E 33. 0.7mi at 33° from Corral crk. 42.7581 -118.7203 (WGS84 +/- 5m).

Sage meadows. At 6,530 ft (1,989 m), on a slope, 4° slo. 303° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata*, *Elymus elymoides*, *Festuca idahoensis*, *Poa secunda*, *Symphoricarpos* sp., *Bromus* sp., *Poa bulbosa*.
Ass.: *Androsace* sp.

1.7 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 58.3 mi. Slight L on Steens Mountain Lp Rd 0.2 mi. Steens Mountain Lp Rd turns slightly left 2.8 mi. Turn L toward Fish Lake Rd/Steens Mountain Loop 0.1 mi. Con't on Fish Lake Rd/Steens Mountain Loop 9.1 mi. Head to Corral crk.

Reed Clark Benkendorf 2923; 27 Jul, 2023. Fide: *Intermountain Flora*, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

POACEAE

Bromus sitchensis Trin. var. *marginatus* (Piper)
Otting and R.E. Brainerd

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T32S R32.75E 33. 0.7mi at 33° from Corral crk. 42.7581 -118.7203 (WGS84 +/- 5m).

Sage meadows. At 6,530 ft (1,989 m), on a slope, 4° slo. 303° asp.; geology: Igneous, volcanic.

Veg.: *Artemisia tridentata*, *Elymus elymoides*, *Festuca idahoensis*, *Poa secunda*, *Symphoricarpos* sp., *Bromus* sp., *Poa bulbosa*.
Ass.: *Androsace* sp.

1.7 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 58.3 mi. Slight L on Steens Mountain Lp Rd 0.2 mi. Steens Mountain Lp Rd turns slightly left 2.8 mi. Turn L toward Fish Lake Rd/Steens Mountain Loop 0.1 mi. Con't on Fish Lake Rd/Steens Mountain Loop 9.1 mi. Head to Corral crk.

Reed Clark Benkendorf 2922; 27 Jul, 2023. Fide: *Intermountain Flora*, det.: RCB, 28 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ASTERACEAE

Ericameria greenei (A. Gray) G.L. Nesom

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T33S R32.75E 35. 1.5mi at 349° from Big Indian crk. 42.6734 -118.6943 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,250 ft (2,210 m), on a slope, 11° slo. 350° asp.; geology: Igneous, volcanic.

Veg.: *Cercocarpus ledifolius*, *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchensis*, *Elymus elymoides*. Ass.: *Eriogonum heracleoides*, *E. umbellatum*.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.2 mi. Head to Big Indian crk.

Reed Clark Benkendorf 2928; 17 Aug, 2023. Fide: *Intermountain Flora*, det.: RCB, 20 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ROSACEAE

Cercocarpus ledifolius Nutt.

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T33S R32.75E 35. 1.5mi at 349° from Big Indian crk. 42.6734 -118.6943 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,250 ft (2,210 m), on a slope, 11° slo. 350° asp.; geology: Igneous, volcanic. Veg.: *Cercocarpus ledifolius*, *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchensis*, *Elymus elymoides*. Ass.: *Eriogonum heracleoides*, *E. umbellatum*.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.2 mi. Head to Big Indian crk.

Reed Clark Benkendorf 2929; 17 Aug, 2023. Fide: *Intermountain Flora*, det.: RCB, 20 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ASTERACEAE

Artemisia arbuscula Nutt.

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T33S R32.75E 35. 1.5mi at 349° from Big Indian crk. 42.6734 -118.6943 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,250 ft (2,210 m), on a slope, 11° slo. 350° asp.; geology: Igneous, volcanic. Veg.: *Cercocarpus ledifolius*, *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchensis*, *Elymus elymoides*. Ass.: *Eriogonum heracleoides*, *E. umbellatum*.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.2 mi. Head to Big Indian crk.

Reed Clark Benkendorf 2932; 17 Aug, 2023. Fide: *Intermountain Flora*, det.: RCB, 20 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

RHAMNACEAE

Ceanothus velutinus Douglas ex Hook.

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T33S R32.75E 35. 1.5mi at 349° from Big Indian crk. 42.6734 -118.6943 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,250 ft (2,210 m), on a slope, 11° slo. 350° asp.; geology: Igneous, volcanic. Veg.: *Cercocarpus ledifolius*, *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchensis*, *Elymus elymoides*. Ass.: *Eriogonum heracleoides*, *E. umbellatum*.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.2 mi. Head to Big Indian crk.

Reed Clark Benkendorf 2930; 17 Aug, 2023. Fide: *Intermountain Flora*, det.: RCB, 20 Aug, 2023.

Collected under the auspices of the Bureau of Land Management

Seeds of Success

ROSACEAE

Holodiscus discolor (Pursh) Maxim. var. *glabrescens* (Greenm.) Jeps.

U.S.A., Oregon, Harney Co., Steens Mountain Area, BLM Burns Andrews FO T33S R32.75E 35. 1.5mi at 349° from Big Indian crk. 42.6734 -118.6943 (WGS84 +/- 5m).

Sage meadows amid mixed mahogany forest. At 7,250 ft (2,210 m), on a slope, 11° slo. 350° asp.; geology: Igneous, volcanic. Veg.: *Cercocarpus ledifolius*, *Artemisia tridentata*, *Symphoricarpos* sp., *Bromus sitchensis*, *Elymus elymoides*. Ass.: *Eriogonum heracleoides*, *E. umbellatum*.

2.2 hrs from Hines OR via OR-205 S. Turn R at the 1st cross street on US-20 E/US-395 N 2.2 mi. Con't straight on E Monroe St 0.5 mi. Con't on OR-78 E/Crane Blvd 1.2 mi. Turn R on OR-205 S 68.2 mi. Turn L on Steens Mountain Loop 10.1 mi. Steens Mountain Loop turns slightly left 13.2 mi. Head to Big Indian crk.

Reed Clark Benkendorf 2933; 17 Aug, 2023. Fide: *Intermountain Flora*, det.: RCB, 20 Aug, 2023.

Collected under the auspices of the Bureau of Land Management