

Additions to *Plants of the Bodie Hills, an Annotated Checklist* (January 2018 Edition)

July 2018

DICOTS

APIACEAE (UMBELLIFERAE), Carrot family

Cymopterus purpurascens (A. Gray) M.E. Jones. **Widewing springparsley**. Northeast edge of Bodie Hills, hillside west of NF-028, south of road to mouth of Rough Creek (Source: <https://www.inaturalist.org/observations/12110233>).

Perideridia parishii (J.M. Coult. & Rose) A. Nelson & J.F. Macbr. subsp. **latifolia** (A. Gray) T.I. Chuang & Constance. **Wide-leaved Parish's yampah**. Along Cottonwood Canyon Rd., 1.5 miles south of Bodie (Source: UCR266218: Jim Andre 31849).

Sium suave* Walter. **Hemlock waterparsnip. Collected in Bridgeport Valley (Source: UCD128144: J. M. Tucker 3350, 6 Sep 1957, "north edge of Bridgeport"; UCD128141: J. M. Tucker 2274, 13 Aug 1951, "Bridgeport"; UC577830: T. M. Hendrix 424, 26 Jul 1937 "1 mi ne of Hunewill Ranch").

ASTERACEAE (COMPOSITAE), Sunflower family

Antennaria rosea Greene ssp. **confinis** (Greene) R.J. Bayer. **Rosy pussytoes**. Spring-fed meadow and intermittent stream, dark loam soil, streambanks in upper Rough Creek drainage. (Source: Ann Howald pers. comm., 2018, #4354) Note: *A. rosea* var. *rosea* probably also occurs here.

Arnica longifolia D.C. Eaton. **Spearleaf arnica**. Rough Creek near Geiger Grade and meadow in saddle between Bodie Mountain and Potato Peak. Spring-fed meadow and intermittent stream. Locally common on banks of creek and among rocks in flowing water. (Source: Ann Howald pers. comm. 2018; #4342, 4386)

Chaenactis xantiana A. Gray. **Fleshy Pincushion**. Lower Rough Creek, SW of Nine Mile Ranch, along NF-190 (Source: <https://www.inaturalist.org/observations/12694314>)

Dieteria canescens (Pursh) Nutt. var. **leucanthemifolia** (Greene) D.R. Morgan & R.L. Hartm. **Hoary-aster**. Scattered on dry open ground in sandy soil on moist sagebrush-covered plateau, Geiger Grade, ~2.2 miles north of Bodie. Spring-fed meadow and intermittent stream in upper Rough Creek drainage. (Source: Ann Howald pers. com. 2018; #4351, 4358) Note: *D. canescens* var. *canescens* and var. *shastensis* probably also occur here.

Erigeron divergens Torr. & A. Gray. **Spreading fleabane**. Hwy 270 at Cinnabar Canyon. (Source: GMDRC10564: J. M. Andre 39301)

BORAGINACEAE, Borage family

Cryptantha glomeriflora Greene. **Cluster-flowered cryptantha**. Upper Rough Creek drainage near Potato Peak, spring-fed meadow and intermittent stream, dark loam soil. (Source: Ann Howald pers. comm., 2018; #4376).

Cryptantha mohavensis (Greene) Greene. **Mojave cryptantha**. Near crest of ridge on south side of Aurora Canyon, approx. 6 mi. east of Bridgeport, 0.5 mi south of Aurora Canyon Rd. (Source: GMDRC10493: J. M. Andre 39194)

Cryptantha pterocarya (Torr.) Greene var. **purpusii** Jeps. **Wingnut cryptantha**. Along Cottonwood Canyon Rd, 6.5 mi. south of town of Bodie, in white sandy ash deposits. (Source: GMDRC10591: J. M. Andre 39350)

Plagiobothrys kingii* (S. Watson) A. Gray var. **kingii. **Southern great basin popcornflower**. Hwy 270 at Cinnabar Canyon (Source: GMDRC10569: J. M. Andre 39310) Note: May need to be confirmed. *P. kingii* var. *harknessii* has also been collected in the Bodie Hills. The two varieties appear to overlap considerably in range.

* An asterisk indicates plants of uncertain status in the Bodie Hills—considered likely to be present, but not yet documented, or reported in the past, but needing confirmation.

BRASSICACEAE (CRUCIFERAE), Mustard family

Chorispora tenella (Pall.) DC. 🌱 **Purple mustard, Crossflower**. Disturbed areas, pastures. Ranch beside East Walker River just east of state line (Source: <https://www.inaturalist.org/observations/11564796>); Mono Basin near base of Conway Grade (Source: <https://www.inaturalist.org/observations/12137179>).

Descurainia nelsonii (Rydb.) Al-Shehbaz & Goodson. **Nelson's Tansy-mustard**. Hwy 270 at Cinnabar Canyon (Source: GMDRC10568: J. M. Andre, 39306).

FABACEAE (LEGUMINOSAE), Legume family

Lupinus argenteus Pursh var. *montigenus* (A. Heller) Barneby. **Silvery Lupine**. Potato Peak, east side, mid-slope, locally common on moist, gravelly east-facing slope (Source: Ann Howald pers. comm. 2018; #4371.). Also collected in a "mountain meadow, east of Bridgeport" (SEINET244882: Kermit Price, s.n., 2003-6-1).

GERANIACEAE, Geranium family

Erodium cicutarium (L.) Aiton. 🌱 **Redstem filaree**. Ranch beside East Walker River just east of state line (Source: <https://www.inaturalist.org/observations/11662141>); observed at disturbed roadside, west end of Mormon Meadow, near mouth of Cinnabar Cn. Probably at other disturbed locations.

NYCTAGINACEAE, Four O'Clock family

Abronia turbinata S. Watson. **White sand verben**a. Observed along NF-028 in Fletcher Valley, approx. 0.67 road mile northwest of Ninemile Ranch (Source: <https://www.inaturalist.org/observations/12967864>). Widespread in sandy soil in the Mono Basin; may also occur along the sandy south edge of the Bodie Hills.

PHRYMACEAE, Lopseed family

Mimulus breweri (Greene) Coville. **Brewer's monkeyflower**. Upper Rough Creek drainage near Potato Peak, spring-fed meadow and intermittent stream, dark loam soil. Localized dense colonies on moist open ground (Source: Ann Howald pers. comm. 2018; #4355, 4374).

POLEMONIACEAE, Phlox family

Gilia brecciarum M.E. Jones subsp. *brecciarum*. **Nevada Gilia**. Collected near Masonic Mountain, along Masonic Rd at summit of pass at New York Hill (Source: GMDRC10475: J. M. Andre, 39166).

Gilia modocensis Eastw. **Modoc gilia**. Scattered colonies in open sites on radio tower ridge northeast of Conway Summit (Source: Ann Howald pers. comm. 2018; #4223). Also collected along Cottonwood Cn Rd, 3.6 mi. south of Bodie (GMDRC10585: J. M. Andre, 39338, 2017-6-4, "base of dark volcanic rock outcrops along small creek", ~7500 ft.).

Navarretia linearifolia (Howell) L.A. Johnson subsp. *linearifolia*. **Linear-leaved navarretia**. Ephemeral drainage with meadowy patches, dark loam banks, gravelly streambed along Coyote Springs Rd., below unnamed mine 0.6 mile south of Mormon Meadow (Source: Ann Howald pers. comm., 2018; #2464, 4271, 4281).

POLYGONACEAE, Buckwheat family

Rumex crispus L. 🌱 **Curly dock**. Occasional in meadow at Coyote Spring, on Coyote Springs Rd. (Source: Ann Howald pers. comm., 2018; #4332).

RANUNCULACEAE, Buttercup family

Myosurus apetalus Gay var. *montanus* (G.R. Campb.) Whittm. **Bristly mousetail**. Collected approx. 0.4 mile east of Hwy 395, approx. 4.3 miles north of Conway Summit (UCR265362: Ann Howald 3440, "Uncommon, in wet black soil."). Also in upper Rough Creek drainage near Potato Peak, spring-fed meadow and intermittent stream, dark loam soil, uncommon in moist shaded soil beneath *Veratrum californicum* (Source: Ann Howald pers. comm., 2018; #4375).

RUBIACEAE, Madder family

Kelloggia galioides Torr. **Kelloggia**. Near crest of ridge on south side of Aurora Canyon, approx. 6 mi. east of Bridgeport, 0.5 mi south of Aurora Canyon Rd. (Source: GMDRC10492: J. M. Andre 29193).

MONOCOTS

CYPERACEAE, Sedge family

Eleocharis bella (Piper) Svenson. **Spikerush**. Ephemeral drainage with meadowy patches, dark loam banks, gravelly streambed, near Coyote Springs Rd. below mine 0.6 mile south of Mormon Meadow. (Source: Ann Howald pers. comm., 2018. #4265). Also collected in 1949 at or near Dogtown (UC1100611: Malcolm A. Nobs, S. Galen Smith, 1694. "wet mud, ponds formed by placer mining.")

JUNCACEAE, Rush family

Juncus bufonius L. var. **occidentalis** F.J. Herm. **Western toad rush**. Chemung Lake, Coyote Spring, stream below mine south of Mormon Meadow. Note: Both var. *bufonius* and var. *occidentalis* can occur in the same location, but var. *bufonius* is generally more common here. Var. *bufonius* is distinctly larger and has longer sepals than var. *occidentalis*. (Source: Ann Howald pers. comm., 2018).

POACEAE (GRAMINEAE), Grass family

Deschampsia danthonioides (Trin.) Munro. **Annual hairgrass**. South shore of Chemung Lake (Source: Ann Howald pers. comm., 2018; #4277, 4303)

Total: 27 taxa added

Confirmations of taxa previously included as likely to be present

FABACEAE

Astragalus canadensis L. var. **brevidens** (Gand.) Barneby. **Shorttooth Canadian milkvetch**. Seasonally moist swale 2.16 miles SW of Aurora Peak. (Source: <https://www.inaturalist.org/observations/13627367>)

CYPERACEAE

Eleocharis acicularis (L.) Roem. & Schult. var. **acicularis**. **Needle spikerush**. South shore of Chemung Lake (Source: Ann Howald pers. comm., 2018; #4302).

Correction

Atriplex prostrata at Travertine Hot Springs was misidentified. It was actually *Stutzia covillei*, already included in the list.