Additions to the vascular flora of Montana and Wyoming

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ADDITIONS TO THE VASCULAR FLORA OF MONTANA AND WYOMING

Robert W. Lichvar¹ and Robert D. Dorn²

ABSTRACT.—A list of one taxon new for Montana and 10 new for Wyoming is presented, plus comments about Astragalus molybdenus.

Recent field work has added one additional species to the flora of Montana and 10 additional species for Wyoming. The following herbaria were consulted for the taxa reported below: BYU, COLO, CSU, ID, IDS, MONT, MONTU, NEB, RM, US, UTC. Comments on the taxonomic status of Astragalus molybdenus Barneby in Wyoming are included.

ASTERACEAE


First report for Wyoming. Likely introduced with Blue Grama seed.

Solidago speciosa Nutt. Wyoming, Crook Co., Bear Lodge Mountains (T54N R62W S20), 1430 m, 18 July 1980, R. Lichvar 3185, RM; R. Dorn 3545, RM.


BRASSICACEAE

Draba verna L. Wyoming, Yellowstone National Park, Old Faithful area near Belgian Pool, 2285 m, 25 Apr 1980, R. Lichvar 2544, RM.

First report for Wyoming.

CAMPANULACEAE

Campanula aparinoides Pursh. Wyoming, Crook Co., Bear Lodge Mountains (T54N R63W S2), 1430 m, 18 Jul 1980, R. Dorn 3549, RM, US; R. Lichvar 3196, RM, US.

First report for Wyoming.

CROSSOSOMATACEAE


First report for Wyoming.

CYPERACEAE

Carex granularis Muhl. Wyoming, Crook Co., Bear Lodge Mountains (T54N R63W S2), 1430 m, 18 Jul 1980, R. Lichvar 3206, RM; R. Dorn 3548, RM.

First report for Wyoming.

FABACEAE


The Sept collections represent the first collection of fruits for this species in Wyoming. Barneby (1964) noted “An astragalus resembling A. molybdenus in habit ... collected in flower in the Salt River Mountains in Western Wyoming ...” and commented that, “when better known may prove to be a sec-

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ond member of sect. Minerales." We cannot distinguish the flowering and fruiting material of the Wyoming material from the Colorado material of A. molybdenus. Barneby (1980) has described this as a new species, A. shultziorum.

Oxytropis riparia Litv. Wyoming, Fremont Co., Ice Slough along Rt. 287 (T29N R93W S6 NW1/4), 2285 m, 11 Aug 1980, R. Lichvar 3407, RM.

Second report for Wyoming. S. Welsh (pers. comm., 1979) reported a collection from Seedskadee Natl. Wildlife Refuge, Sweetwater Co., but no specimens have been seen.

LABIATAE


First report for Wyoming.

POACEAE


First report for Montana.

POTAMOGETONACEAE

Potamogeton crispus L. Wyoming, Sweetwater Co., Flaming Gorge (T14N R108W S13 SW1/4), 1830 m, 24 Sept 1979, D. Shute s.n., RM; Sweetwater Co., Flaming Gorge at Utah-Wyoming state line (T12N R108W S20 NE1/4), 1830 m, 1 July 1980, R. Lichvar, 2880, RM.

First report for Wyoming.

RANUNCULACEAE

Anemone virginiana L. Wyoming, Crook Co., Bear Lodge Mountains, (T54N R63W S2), 1430 m, 18 Jul 1980, R. Dorn 3550, RM.

First report for Wyoming.

LITERATURE CITED

