

## NEW RECORDS FOR THE VASCULAR FLORA OF WYOMING AND MONTANA

Robert W. Lichvar<sup>1</sup>, Robert D. Dorn<sup>2</sup>, and Erwin F. Evert<sup>3</sup>

ABSTRACT.— Apparent first state records of 11 taxa for Wyoming and one taxon for Montana are listed. A range extension is noted for the genus *Shoshonea*.

Recent field work from 1980 and 1982 has added one additional record to the flora of Montana and 11 additional records for Wyoming. The recently described genus and species *Shoshonea pulvinata* Evert and Constance, thought to have been a highly restricted endemic, is reported here well outside its previously known range.

### APIACEAE

*Shoshonea pulvinata* Evert and Constance, WY, Fremont Co., T6N R5E S34, 2286 m (7500 ft), calcareous ridge, 26 July 1982, R. Lichvar 5382 RM.

This recently described genus and species by Evert and Constance (1982) was known only from a restricted range near Cody, Wyoming. This collection, Lichvar 5382, is a distance of 55.8 km (90 mi) southeast of the Cody sites.

### ASTERACEAE

*Adenocaulon bicolor* Hook., WY, Crook Co., T51N R60W S20, 1646 m (5400 ft), wet ravine, 28 July 1982, R. Dorn 3798, COLO, NY, RM. Same county, T51N R61W S11 SE¼, 1646 m (5400 ft), wet ravine, 12 Sept. 1982, E. Evert 4968, RM.

### BRASSICACEAE

*Lepidium sativum* L., WY, Laramie Co., T14N R67W S28 SE¼SW¼, 1890 m (6200 ft), disturbed area, 21 Aug. 1982, R. Dorn 3824, RM.

### CARYOPHYLLACEAE

*Gypsophila scorzonifolia* Ser., WY, Laramie Co., T14N R67W S17 N¼, 1890 m (6200 ft), disturbed roadside, 5 Sept. 1982, R. Dorn 3825, RM.

### CYPERACEAE

*Carex alopecoidea* Tuckerm., WY, Crook Co., T51N R60W S33 SW¼, 1798 m (5900 ft), wet meadow, 27 July 1982, R. Dorn 3783, RM.

*C. deweyana* Schw. ssp. *deweyana*, WY, Crook Co., T51N R60W S33 SW¼, 1798 m (5900 ft), mossy bank, 27 July 1982, R. Dorn 3785, NY, RM.

*C. peckii* Howe, WY, Crook Co., T51N R60W S20, 1646 m (5400 ft) wet ravine, 28 July 1982, R. Dorn 3796, RM.

*C. rosea* Schk. ex Willd., WY, Crook Co., T51N R60W S33 SW¼, 1798 m (5900 ft), wet meadow, 27 July 1982, R. Dorn 3781, RM.

### FABACEAE

*Astragalus coltonii* Jones var. *moabensis* Barneby, WY, Uinta Co., T14N R113W S31, 2195 m (7200 ft), sagebrush, 4 June 1980, R. Dorn 3447, RM. Same location and date, R. Lichvar 2780, RM. T13N, 113W, S18 SE¼, 5 mi N 25° W of Lonetree, E side Hickey Mtn., S. Goodrich, D. Atwood 17169, 17193, 30 June 1983, BRY. T14N R113W S27, 18 mi N 12° E of Lonetree, N of Sage Cr. Mtn., S. Goodrich, D. Atwood, 17212, 1 July 1982,

<sup>1</sup>Wyoming Natural Heritage Program/The Nature Conservancy, 1603 Capitol Avenue, Room 325, Cheyenne, Wyoming 82001.

<sup>2</sup>P.O. Box 1471, Cheyenne, Wyoming 82003.

<sup>3</sup>1476 Tyrell, Park Ridge, Illinois 60068.



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