

### **Great Basin Naturalist**

Volume 48 | Number 3

Article 6

7-31-1988

# Additions to the vascular flora of Bryce Canyon National Park, Utah

Gregory P. Hallsten

Montana Department of State Lands, Helena, Montana

David W. Roberts *Utah State University* 

Follow this and additional works at: https://scholarsarchive.byu.edu/gbn

### **Recommended Citation**

Hallsten, Gregory P. and Roberts, David W. (1988) "Additions to the vascular flora of Bryce Canyon National Park, Utah," *Great Basin Naturalist*: Vol. 48: No. 3, Article 6. Available at: https://scholarsarchive.byu.edu/gbn/vol48/iss3/6

This Article is brought to you for free and open access by the Western North American Naturalist Publications at BYU ScholarsArchive. It has been accepted for inclusion in Great Basin Naturalist by an authorized editor of BYU ScholarsArchive. For more information, please contact scholarsarchive@byu.edu, ellen\_amatangelo@byu.edu.

## ADDITIONS TO THE VASCULAR FLORA OF BRYCE CANYON NATIONAL PARK, UTAH

Gregory P. Hallsten<sup>1</sup> and David W. Roberts<sup>2</sup>

ABSTRACT.—Twenty-seven plant taxa previously unreported from Bryce Canyon National Park are listed.

Buchanan and Graybosch (1981) published a checklist of 446 vascular plant taxa known to occur in Bryce Canyon National Park. During vegetation sampling in 1986 and 1987 Linda Gottschalk and Gregory P. Hallsten collected an additional 27 taxa listed here. Nomenclature follows Welsh et al. (1987). Specimens are deposited in the Bryce Canyon National Park Herbarium and the Intermountain Herbarium (UTC).

### SPECIES LIST

APIACEAE

Berula erecta (Hudson) Cov. var. incisa (Torr.) Cronq.

ASCLEPIADACEAE

Asclepias speciosa Torr.

ASTERACEAE

Artemisia campestris L.

A. tridentata Nutt. var. tridentata

Cirsium neomexicanum Gray

C. vulgare (Savi) Ten.

Conyza canadensis (L.) Cronq.

Haplopappus scopulorum (Jones) Blake

H. zionis L. C. Anderson

Senecio hartianus Heller

S. hydrophilus Nutt.

CACTACEAE

Echinocereus triglochidiatus Engelm. var. melanacauthus (Engelm.) L. Benson

Sclerocactus whipplei (Engelm.) Britt. & Rose var. roseus (Clover) L. Benson

CHENOPODIACEAE

Atriplex confertifolia (Torr. & Frem.) Wats.

Sarcobatus vermiculatus (Hook.) Torr. in Emory

CYPERACEAE

Eleocharis palustris (L.) R. & S.

FUMARIACEAE

Corydalis aurea Willd.

GENTIANACEAE

Gentianella tortuosa (Jones) J. M. Gillett

ONAGRACEAE

Oenothera longissima Rydb.

ORCHIDACEAE

Habenaria dilitata (Pursh) Hook.

POACEA!

Elymus glaucus Buckley

Festuca octoflora Walter

Sporobolus cryptandrus (Torr.) Gray

Stipa pinetorum Jones

POLEMONIACEAE

Phlox tumulosa Wherry

SCROPHULARIACEAE

Cordylanthus parviflorus (Ferris) Wiggins

Penstemon strictus Benth.

### ACKNOWLEDGMENTS

We thank Dr. Leila Schultz for reviewing identifications, and Dr. Mary E. Barkworth for permission to use the facilities of UTC. We thank Linda Kerr, Bryce Canyon National Park, for assistance in working in the Park. This work was funded by National Park Service Research Cooperative Project PX 1200-7-0966.

#### LITERATURE CITED

BUCHANAN, H., AND R. GRAYBOSCH. 1981. Revised checklist of the vascular plants of Bryce Canyon National Park, Utah. Great Basin Nat. 41: 109–120.

Welsh, S. L., N. D. Atwood, L. C. Higgins, and S. Goodrich. 1987. A Utah flora. Great Basin Nat. Mem. 9: 1–894.

<sup>&</sup>lt;sup>1</sup>Montana Department of State Lands, Helena, Montana 59620.

<sup>&</sup>lt;sup>2</sup>Department of Forest Resources and Ecology Center, Utah State University, Logan, Utah 84322-5215