

ARIZONA GAME AND FISH DEPARTMENT
HERITAGE DATA MANAGEMENT SYSTEM

Plant Abstract

Element Code: PDAPI03050

Data Sensitivity: No

CLASSIFICATION, NOMENCLATURE, DESCRIPTION, RANGE

NAME: *Aletes macdougallii*

COMMON NAME: Vagabond Parsnip

SYNONYMS: *Oreoxis macdougali*, *Aletes macdougallii*, *Cymopterus macdougallii*

FAMILY: Apiaceae (=Umbelliferae)

AUTHOR, PLACE OF PUBLICATION: Coulter and Rose. 1900. Contributions to the U.S. National Herbarium 7:107.

TYPE LOCALITY: On Berry's trail to the Grand Canyon.

TYPE SPECIMEN: U.S. National Herbarium. MacDougal, D.T. No. 192. 1898 June 28.

TAXONOMIC UNIQUENESS: *Aletes macdougali* differs from *A. humilis* and *A. davidsoni* in that the ribs of *A. macdougali* "are sometimes (perhaps always) winged. The material, however, is too scanty to be positive as to its generic position" (Coulter and Rose, 1900).

DESCRIPTION: Low perennial herb 6.0-25.05 cm tall. Leaves 2.0-8.0 cm long, oblong in outline, divided into narrowly oblong leaflets. Flower stalks (peduncles) longer than leaves. Inflorescences are umbels (branched clusters), the rays (branches) 4-8 in number. Fruits 3.0-8.0 mm long, narrow, the ribs wing-like.

AIDS TO IDENTIFICATION:

ILLUSTRATIONS: Photocopy of herbarium specimen, Mathias, 1930:Fig. 1.

TOTAL RANGE: Southwestern Colorado, southeastern Utah, northwestern New Mexico and Arizona.

RANGE WITHIN ARIZONA: Grand Canyon and Oak Creek, Coconino County.

SPECIES BIOLOGY AND POPULATION TRENDS

GROWTH FORM: Herbaceous perennial

PHENOLOGY: April - June

BIOLOGY:

HABITAT: Sandstone crevices and flats

ELEVATION: 3,500 - 7,000 ft.

EXPOSURE:

SUBSTRATE:

PLANT COMMUNITY: Pinyon juniper, ponderosa, bristlecone

POPULATION TRENDS:

SPECIES PROTECTION AND CONSERVATION

ENDANGERED SPECIES ACT STATUS:

STATE STATUS:

OTHER STATUS:

MANAGEMENT FACTORS:

CONSERVATION MEASURES TAKEN:

SUGGESTED PROJECTS:

LAND MANAGEMENT/OWNERSHIP:

SOURCES OF FURTHER INFORMATION

LITERATURE CITATIONS:

Coulter, J.M. and J.N. Rose. 1900. Contributions from the U.S. National Herbarium. Washington, D.C. 7(1):107.

Harrington, H.D. 1954. Manual of the plants of Colorado. Sage Books. Denver. p.405.

Kearney, T.H. and R.H. Peebles, 1960. Arizona flora (with supplement), University of California Press, Berkeley. p. 613.

Lehr, J.H. 1978. A catalogue of the flora of Arizona. Desert Botanical Garden. Phoenix, Arizona. p.110.

Mathias, M.E. 1930. Studies in the umbelliferae III. Annals of the Missouri Botanical Garden. 17:289-290 and 434.

McDougall, W.B. 1973. Seed plants of northern Arizona. The Museum of Northern Arizona, Flagstaff. p. 342.

MAJOR KNOWLEDGEABLE INDIVIDUALS:

ADDITIONAL INFORMATION:

Revised: 1992-12-07 (DBI)
1992-12-10 (DBI)

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