

ARIZONA GAME AND FISH DEPARTMENT
HERITAGE DATA MANAGEMENT SYSTEM

Plant Abstract

Element Code: PDAPI0U0R0

Data Sensitivity: No

CLASSIFICATION, NOMENCLATURE, DESCRIPTION, RANGE

NAME: *Cymopterus newberryi* (Wats.) Jones

COMMON NAME: Sweetroot Spring-parsley

SYNONYMS: *Coloptera newberryi*, *C. jonesii*, *Peucedanum newberryi*, *Ferula newberryi*

FAMILY: Umbelliferae

AUTHOR, PLACE OF PUBLICATION:

TYPE LOCALITY:

TAXONOMIC UNIQUENESS:

DESCRIPTION: 7 - 18 cm tall, sparingly viscid and often dotted with adhering sand grains, from a slender to tuberous taproot with simple or rarely branched crown; pseudoscape lacking; leaves arising directly from the root crown, ternate, rarely simple; petioles 3.5 - 10.5 cm long, often partly subterranean; leaflets ternately cleft or divided, the major lobes again lobed or toothed; petals and stamens yellow when fresh, fading to cream or greenish with age.

AIDS TO IDENTIFICATION:

ILLUSTRATIONS:

TOTAL RANGE: Southern Utah and northern Arizona.

RANGE WITHIN ARIZONA: Apache, Navajo and Coconino counties

SPECIES BIOLOGY AND POPULATION TRENDS

GROWTH FORM:

PHENOLOGY: Fruits in May and June.

BIOLOGY:

HABITAT:

ELEVATION: 4,500 to 7,000 ft.

EXPOSURE:

SUBSTRATE: Sand

PLANT COMMUNITY: Desert grassland, shrub, blackbrush, sand sagebrush and juniper communities.

POPULATION TRENDS:

SPECIES PROTECTION AND PRESERVATION

ENDANGERED SPECIES ACT STATUS:

STATE LIST STATUS:

OTHER STATUS:

REASONS FOR ENDANGERMENT:

SUSCEPTIBILITY TO HUMAN DISTURBANCE:

MANAGEMENT FACTORS/MANAGEMENT NEEDS:

PROTECTIVE MEASUREMENTS ALREADY TAKEN:

RESEARCH PROJECTS RECOMMENDED TO SUPPORT CONSERVATION:

LAND MANAGEMENT/OWNERSHIP:

SOURCES OF FURTHER INFORMATION

LITERATURE CITATIONS:

Kearney & Peebles. 1960. Arizona flora. p. 618.

Zoe, 4:47. 1893.

Welsh, et all. 1987. A Utah flora. p. 624.

Watson, S. Proc. Am. Acad. ix, 145.

Watson, S. Am. Nat. vii, 301.

Lehr. 1978. A catalogue of the flora of Arizona. p. 112.

MAJOR KNOWLEDGEABLE INDIVIDUALS:

ADDITIONAL INFORMATION:

Roots are eaten by Hopi children in the spring.

Revised: 1989-11-07()

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