

ARIZONA GAME AND FISH DEPARTMENT
HERITAGE DATA MANAGEMENT SYSTEM

Plant Abstract

Element Code: PDRAN0M060

Data Sensitivity: No

CLASSIFICATION, NOMENCLATURE, DESCRIPTION, RANGE

NAME: *Thalictrum dasycarpum*

COMMON NAME: Purple meadow rue

SYNONYMS:

FAMILY: Ranunculaceae

AUTHOR, PLACE OF PUBLICATION: Fisch. and Lall.

TYPE LOCALITY:

TYPE SPECIMEN:

TAXONOMIC UNIQUENESS:

DESCRIPTION: Perennial herb from a woody rootstock with a usually purple stem 1-2 meters tall. Leaves divided into leaflets about 5.5 cm long and 4 cm wide. Inflorescence branched. Flowers small, without petals, the sepals lance-shaped, 3-5 mm long. Stamen filaments 4-7 mm long.

AIDS TO IDENTIFICATION: Leaves sessile, or nearly so, achenes not compressed, and white rather than yellow filaments distinguish this species from *T. fendleri*.

ILLUSTRATIONS:

TOTAL RANGE: Ontario to British Columbia, south to Ohio. Louisiana, Texas and Arizona.

RANGE WITHIN ARIZONA: Navajo County, Showlow; Apache County, Gooseberry Creek; Pima County, Bear Wallow.

SPECIES BIOLOGY AND POPULATION TRENDS

GROWTH FORM: Herbaceous perennial

PHENOLOGY: July - August

BIOLOGY:

HABITAT: Wet meadows, woods, marshy areas in mountains.

ELEVATION: 5,000 - 8,500 feet

EXPOSURE:

SUBSTRATE:

PLANT COMMUNITY:

POPULATION TRENDS: unknown

SPECIES PROTECTION AND CONSERVATION

ENDANGERED SPECIES ACT STATUS:

STATE STATUS:

OTHER STATUS:

MANAGEMENT FACTORS:

CONSERVATION MEASURES TAKEN:

SUGGESTED PROJECTS: Biological and population studies need to be done.

LAND MANAGEMENT/OWNERSHIP: BIA - Fort Apache Indian Reservation; U.S. Forest Service.

SOURCES OF FURTHER INFORMATION

LITERATURE CITATIONS:

Correll, D.S. and M.C. Johnston. 1970. Manual of the vascular plants of Texas. Texas Research Foundation. Renner, TX. pp.634-635.

McDougall, W.B. 1973. Seed plants of northern arizona. The Museum of Northern Arizona. Flagstaff. p.187.

Martin, W.C. and C.R. Hutchins. 1980. Flora of New Mexico. In der A.R. Gantner Verlag Kommanditgesellschaft. p.763.

MAJOR KNOWLEDGEABLE INDIVIDUALS:

ADDITIONAL INFORMATION:

Revised: 1992-12-09 (JSP)

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