

**ARIZONA GAME AND FISH DEPARTMENT
HERITAGE DATA MANAGEMENT SYSTEM**

Plant Abstract

Element Code: PDFAB0F380

Data Sensitivity: No

CLASSIFICATION, NOMENCLATURE, DESCRIPTION, RANGE

NAME: *Astragalus ensiformis* M.E. Jones

COMMON NAME: Pagumpa Milkvetch

SYNONYMS: *A. ensiformis* var. *gracilior*; *A. minthorniae* var. *gracilior*; *Hamosa ensiformis*

FAMILY: Fabaceae

AUTHOR, PLACE OF PUBLICATION:

TYPE LOCALITY:

TAXONOMIC UNIQUENESS:

DESCRIPTION: Caulescent, 8.0-45.0 cm (3.2-18.0 in.) tall, from a superficial to subterranean caudex; pubescence basifixed; stems decumbent to erect; stipules 4.0-10.0 mm (0.16-0.4 in.) long, all distinct; leaves 4.0-15.5 cm (1.6-6.2 in.) long; ovate to oblong, obovate or oblanceolate, obtuse to retuse; flowers 13.0-17.0 mm (0.52-0.68 in.) long, purplish to pink purple, wing-tips pale to white; pods ascending to descending, body narrowly oblong.

AIDS TO IDENTIFICATION:

ILLUSTRATIONS:

TOTAL RANGE: Southern Utah (Washington Co.) and northern Arizona (Mohave Co.).

RANGE WITHIN ARIZONA: Mohave County

SPECIES BIOLOGY AND POPULATION TRENDS

GROWTH FORM: Perennial

PHENOLOGY: April and May

BIOLOGY:

HABITAT:

ELEVATION: 4,000 to 5,000 ft. (1219-1524 m).

EXPOSURE:

SUBSTRATE:

PLANT COMMUNITY: Pinyon-juniper, sagebrush, salt desert shrub and black brush communities.

POPULATION TRENDS:

SPECIES PROTECTION AND CONSERVATION

ENDANGERED SPECIES ACT STATUS:

STATE STATUS:

OTHER STATUS:

MANAGEMENT FACTORS:

PROTECTIVE MEASURES:

SUGGESTED PROJECTS:

LAND MANAGEMENT/OWNERSHIP:

SOURCES OF FURTHER INFORMATION

LITERATURE CITATIONS:

Kearney, T.H., R.H. Peebles with collaborators. 1960. Arizona flora. Second edition with supplement by J.T.Howell, E. McClintock and collaborators. University of California Press, Berkeley. p. 468.

Lehr, J.H. 1978. A catalogue of the flora of Arizona. Desert Botanical Garden, Phoenix, Arizona. p. 74.

Proc. Cal. Acad. ser. 2, 5:658. 1895.

Welsh, et all,. A Utah flora. Gr. Bas. Nat. Mem. 9:362. 1987.

MAJOR KNOWLEDGEABLE INDIVIDUALS:

ADDITIONAL INFORMATION:

Revised: 1989-11-06 (ANHP)
1991-10-20 (BKP)

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