

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

Plant Abstract

Element Code: PDFAB04070

Data Sensitivity: No

CLASSIFICATION, NOMENCLATURE, DESCRIPTION, RANGE

NAME: *Aeschynomene villosa*

COMMON NAME: Sensitive Joint Vetch

SYNONYMS: *Aeschynomene americana* var. *villosa*

FAMILY: Fabaceae (=Leguminosae)

AUTHOR, PLACE OF PUBLICATION: Poir. 1816. Lam. Encyc. Suppl. 4:76.

TYPE LOCALITY: Savannas of Puerto Rico.

TYPE SPECIMEN:

TAXONOMIC UNIQUENESS: Closely related to *Aeschynomene americana*

DESCRIPTION: Annual herb with erect leafy stems to 2 ft. tall (usually shorter). The roots bear numerous bacterial nodules. Leaves pinnate, with numerous narrow leaflets. Flowers in short racemes, yellow in color, the petals sparingly striped with purple. Upper petal about 6 mm long, with short hairs on the back. Fruit a segmented pod (loment), deeply divided from the bottom between the seeds, forming 2-5 hairy segments.

AIDS TO IDENTIFICATION:

ILLUSTRATIONS:

TOTAL RANGE: Southern Arizona to South America and West Indies.

RANGE WITHIN ARIZONA: Santa Cruz County: Sycamore Canyon. Corral Nueva;
Cochise County: Bear Canyon.

SPECIES BIOLOGY AND POPULATION TRENDS

GROWTH FORM: Herbaceous annual

PHENOLOGY: August - September

BIOLOGY:

HABITAT: Sandy soil in canyon bottoms

ELEVATION: 3,500 - 5,700 ft.

EXPOSURE:

SUBSTRATE: Sand, gravel.

PLANT COMMUNITY:

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:

Kearney, T.H. and R.H. Peebles. 1960. Arizona flora (with supplement). University of California Press. Berkeley. p.388.

Lehr, J.H. 1978. A catalogue of the flora of Arizona. Desert Botanical Garden. Phoenix, Arizona. p.73.

Mason, C.T. 1968. Madrono:19:224.

Rudd, V.E. 1955. The American species of *Aeschynomene*. Contributions to the U.S. National Herbarium. 32(1): 172. Smithsonian, Washington, D.C.

Shreve, F. and I.L. Wiggins. 1964. Vegetation and flora of the Sonoran Desert. Stanford, California.

Toolin, L.J., T. Van Devender, T. and J. Kaiser, 1979. J. Ariz. Acad. Science.

MAJOR KNOWLEDGEABLE INDIVIDUALS:

Jack Kaiser

ADDITIONAL INFORMATION:

Revised: 1992-12-04 (DBI)
1992-12-10 (DBI)

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