

ARIZONA GAME AND FISH DEPARTMENT
HERITAGE DATA MANAGEMENT SYSTEM

Plant Abstract

Element Code: PDEUP0D2E0

Data Sensitivity: No

CLASSIFICATION, NOMENCLATURE, DESCRIPTION, RANGE

NAME: *Euphorbia trachysperma*

COMMON NAME: Roughseed Spurge

SYNONYMS: *Chamaesyce trachysperma*

FAMILY: Euphorbiaceae

AUTHOR, PLACE OF PUBLICATION: Shreve & Wiggins. 1964. Vegetation and flora of the Sonoran desert. p. 826.

TYPE LOCALITY: Along the San Pedro River (Wright 1832).

TAXONOMIC UNIQUENESS: Closely related to *Euphorbia hyssopifolia*

DESCRIPTION: Erect glabrous annual 1-4 dm tall with stems simple or branching from base; leaf blades linear to ovate-lanceolate, obtuse at apex, 1-4 cm long, serrulate along one margin, entire on other; stipules 1-1.4 mm long, distinct, 2-3 cleft above; cyathia solitary at nodes; peduncles 1-5 mm long; staminate flrs. 50-65 per cyathium, in fascicles of 10-13; seeds oblong to ovate-oblong vertically, faces with a few minute pits and angles beaded or irregularly notched.

AIDS TO IDENTIFICATION:

ILLUSTRATIONS:

TOTAL RANGE: Maricopa (Pinal Co.) valley of the San Pedro River (Cochise Co.), Tucson (Pima Co.), near La Paz (Yuma Co.).

RANGE WITHIN ARIZONA: Southern Arizona southward into Sonora.

SPECIES BIOLOGY AND POPULATION TRENDS

PHENOLOGY: March to October

GROWTH FORM: Erect glabrous annual

BIOLOGY:

HABITAT: Sandy or gravelly areas.

ELEVATION: 300 to 4,000 ft.

EXPOSURE:

SUBSTRATE:

PLANT COMMUNITY:

POPULATION TRENDS:

SPECIES PROTECTION AND PRESERVATION

ENDANGERED SPECIES ACT STATUS:

STATE LIST STATUS:

OTHER STATUS: BLM Sensitive

MANAGEMENT FACTORS:

CONSERVATION MEASURES TAKEN:

SUGGESTED PROJECTS:

LAND MANAGEMENT/OWNERSHIP:

SOURCES OF FURTHER INFORMATION

LITERATURE CITATIONS:

Kearney & Peebles. 1960. Arizona flora. p. 518.

Shreve and Wiggins. 1964. p. 826.

Wiggins, I.L. 1980. Flora of Baja California. Stanford Univ. Press. 1025pp.

MAJOR KNOWLEDGEABLE INDIVIDUALS:

S. McLaughlin, Arid Lands Office, University of Arizona, Tucson, AZ

ADDITIONAL INFORMATION:

Van Devender: The three AZ specimens are scattered and from disturbed situations.

Probably weedy.

McLaughlin: Close to *E. hyssopifolia* differing only in seed size.

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