A NEW SPECIES OF VERBESINA (ASTERACEAE: HELIANTHEAE) FROM GUERRERO, MEXICO

B. L. Turner

Plant Resources Center
The University of Texas
Austin, TX, 78712, USA

ABSTRACT

A collection by Breedlove from near Puerto El Gallo, Guerrero, Mexico is described as Verbesina elgalloana B. L. Turner, sp. nov. Its relationship appears to be with V. gracilipes and cohorts.

KEY WORDS: Verbesina, Asteraceae, Mexico, Guerrero

Preparation of a treatment of the genus Verbesina for the Comps of Mexico (cf. Turner 1997, Phytologia Memoirs 11: 1) has prompted description of the following:

VERBESINA ELGALLOANA B. L. Turner, sp. nov.

V. gracilipi B. L. Rob. similis sed differt caulibus appressi-hispidis (vs longi-hirsutis), pedunculis ultimis brevioribus (1-3 cm longis vs. plerumque 4-10 cm), et foliis majoribus fere glabris (vs. inferne dense pubescentibus).

Shrubs to 2 m high. Stems 5-sided, minutely appressed-hispid, the angles with coryk wings. Leaves thin, alternate; petioles 2-4 mm long, the blades lanceolate-ovate, pinnately nerved, 11-14 cm long, 3-5 cm wide, sparsely hispidulous beneath, especially along the major veins, the margins remotely serrulate. Capitulescense terminal, 5-headed, subumbellate, the ultimate peduncles finely appressed-strigose, 1-3 cm long. Involucres 5-6 mm high, ca 10 mm across, the bracts in 3-4 subequal series, the outermost loose and subfoliose. Receptacle conical, ca 3 mm high, 3 mm across; bracts spatulate, ca 3 mm long,
abruptly acute at the apex. **Achenes** (immature), flattened, ca 2 mm long, the pappus of two rigid awns ca 1.6 mm long.

**TYPE: MEXICO. GUERRERO:** “W of Puerto El Gallo along road to Toro Muerto,” along ridge with *Pinus, Quercus, Clethra* and *Cleyera*, 2530 m, 9 Oct 1986, *Breedlove & Almeda 65043* (Holotype: TEX; isotypes CAS).

**Verbesina** is perhaps the most speciose genus of the tribe Heliantheae in North America. The present novelty brings to 142 the number of species to be recognized by me in my forthcoming treatment of the group for Mexico. Numerous additional novelties are to be anticipated.

The species name is derived from the village of Puerto El Gallo, Guerrero.

**ACKNOWLEDGMENTS**

I am grateful to Dr. Guy Nesom of BRIT for the Latin diagnosis, and to him and Mike Powell of SRSC for reviewing the manuscript.
https://doi.org/10.5962/bhl.part.17852.

View This Item Online: https://www.biodiversitylibrary.org/item/46936
DOI: https://doi.org/10.5962/bhl.part.17852
Permalink: https://www.biodiversitylibrary.org/partpdf/17852

**Holding Institution**
New York Botanical Garden, LuEsther T. Mertz Library

**Sponsored by**
The LuEsther T Mertz Library, the New York Botanical Garden

**Copyright & Reuse**
Copyright Status: In copyright. Digitized with the permission of the rights holder.
Rights Holder: Phytologia
License: http://creativecommons.org/licenses/by-nc-sa/3.0/
Rights: https://biodiversitylibrary.org/permissions

This document was created from content at the Biodiversity Heritage Library, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at https://www.biodiversitylibrary.org.