

A new species of *Mikania* (Asteraceae: Eupatorieae) from south-central Oaxaca, Mexico**Billie L. Turner**

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ABSTRACT

Mikania pascualii B.L. Turner, **sp. nov.** is described from south-central Oaxaca. It is closely related to the rarely collected *M. globosa* Coulter (containing but a single floret per involucre, much as the latter), a taxon of Chiapas and Guatemala. A photograph of the type is provided, along with a map showing their distribution. Published on-line **www.phytologia.org** *Phytologia* 96(3): 178-180 (July 1, 2014). ISSN 030319430

KEY WORDS: Asteraceae, Eupatorieae, *Mikania*, Mexico, Oaxaca

Resembling ***M. globosa*** but having smaller leaves with shorter petioles; a narrower (1-4 cm wide vs ca 5 cm), more leafy capitulescence; heads arranged in smaller glomerules (ca 8 mm across vs 10-15 mm); and the involucre bracts narrower with rounded apices (vs truncate to emarginate).

Shrubs to 3 m high. **Stems** (upper) at first minutely pubescent but soon glabrate. **Leaves** (larger) alternate, 6-14 cm long, 3-8 cm wide; petioles 1.5-3.0 cm long; blades narrowly to broadly ovate, 3-nervate from near the base, glandular-punctate beneath, glabrous above and below, or nearly so (minutely pubescent beneath along the venation); margins entire their apices acute. **Capitulescence** a somewhat leafy, spike-like arrangement of rounded globules 8-15 cm long, 1-4 cm wide, the globules ca 8 mm in diameter, the latter composed of numerous small sessile heads, each with a single floret. **Involucres** ca 1.5 mm long, 0.5 mm wide, sparsely pubescent, especially along their margins; bracts 3-5 nervate, their apices rounded. **Corollas** narrowly funneliform, glabrous, ca 2 mm long; lobes ca 0.25 mm long and as wide. **Achenes** (immature) ca 1 mm long, sparsely hispid; pappus of ca 20 ciliate bristles ca 2 mm long.

TYPE: **MEXICO. OAXACA: Distrito Pochutla; Mpio San Miguel del Puerto.** "Camino a la Constanca, paraje la Union, cafetal del Faro. "Selva mediana subperennifolia con café." 15.59 19.3 N, 96.07 23.1 W, 1282 m, 3 Mar 2013, *Jose Pascual* 2457 (Holotype: TEX).

According to label data the plant is an "Arbusto" 3 m high, although most authors have described the taxon as being a semiwoody vine. In the treatment of *Mikania* for Mexico by Holmes (1990), the novelty will key to *M. globosa*, a species of Chiapas and adjacent Guatemala (Fig.2). It differs from the latter in numerous characters, as noted in the above diagnosis.

The species is named for its collector, Jose Pascual Cortes (born 1956), "Don Chepe," caretaker, guide and discriminating collector of plants of the coffee-growing zone where the type was collected, this suggested by Emily Lott, who supplied the data given here.

ACKNOWLEDGEMENTS

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LITERATURE CITED

Holmes, V.C. 1990. The Genus *Mikania* (Compositae-Eupatorieae) in Mexico. *Sida Bot. Misc.* 5: 1-45.

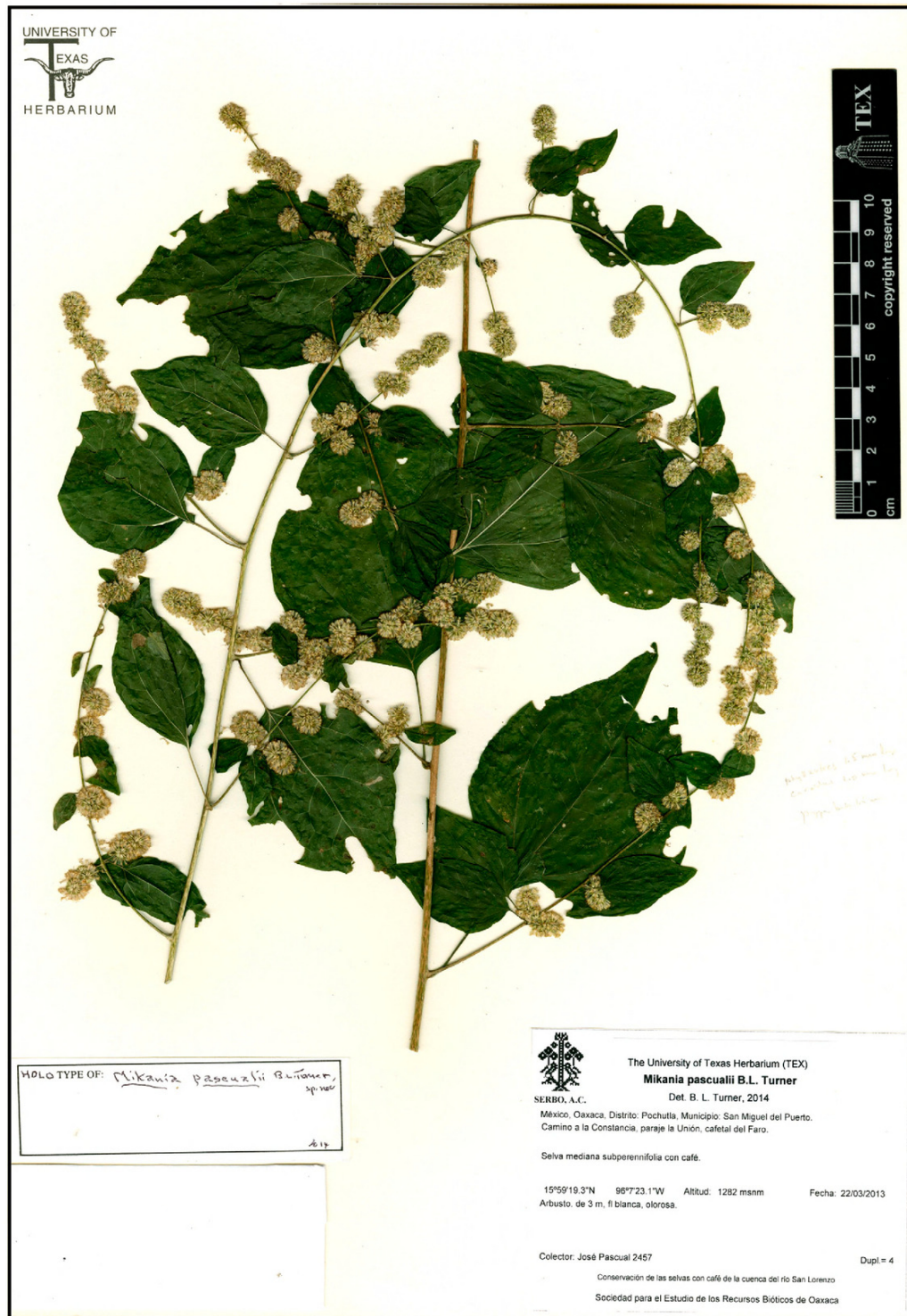


Fig. 1. *Mikania pascualii* (Holotype: TEX).

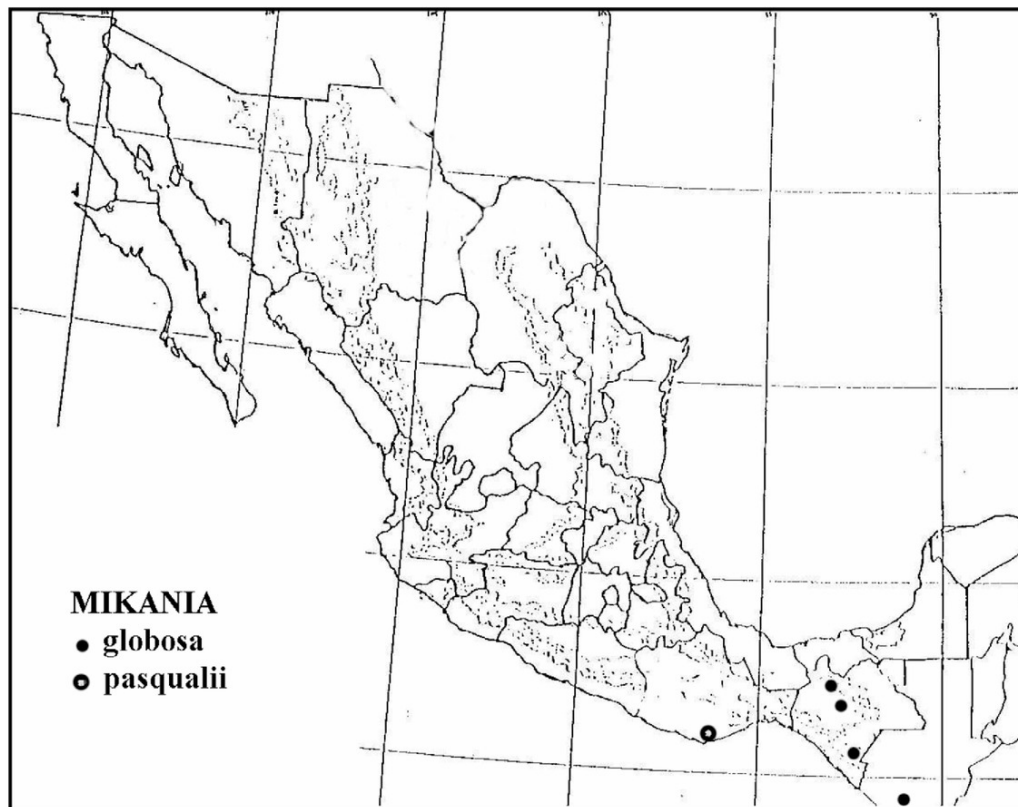


Fig. 2. Distribution of *Mikania pasqualii* and *M. globosa*.



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