

**EMENDED TYPE CITATIONS AND NEW DISTRIBUTIONAL DATA
FOR *MUCUNA JAROCHA* (LEGUMINOSAE, PAPILIONOIDEAE),
AN ENDEMIC SPECIES OF MEXICO**

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ABSTRACT

The collector citations for the type specimens of *Mucuna jarocho* (Leguminosae) are emended. New specimens from the states of Puebla and Veracruz, Mexico, are recorded and additional data for the fruit and seeds are given.

During a review of genus *Mucuna* Adanson (Leguminosae) at the National Herbarium of Mexico (MEXU) for its taxonomic treatment for the Flora Mesoamericana, inconsistencies in collection numbers were detected in the protologue of *M. jarocho* Moura, Mansano, Gereau, & Azevedo (Moura et al., 2013) for the holotype and a paratype. Also see the revision of the genus (Moura et al. 2018). The correct citation is this.

MUCUNA JAROCHA Moura, Mansano, Gereau, & Azevedo, Phytotaxa 89: 44. 2013. **TYPE:** **MEXICO. Veracruz.** Mpio. Tlalnahuayocan, Barranca del Pixquiac, entre Rancho Viejo y La Vega, 1550 m, 2 Aug 1986 (fl, fr), *M. Chazaro & J. Camarillo 3886* (holotype: XAL!; isotype: XAL!).

The holotype is designated in the protologue as "*M. Chazaro & J. Camarillo 3886-b*" (XAL!), and a paratype (here as an isotype) as "*M. Chazaro & J. Camarillo 3886-a*" (XAL!). These are emended here to *M. Chazaro & J. Camarillo 3886* (Fig. 1) and *J. Chazaro & J. Camarillo 3886* (Fig. 2).

Additional specimens examined. MEXICO. Puebla. [Mpio. Tlatlauquitepec], camino Tlatlauqui [Tlatlauquitepec]-Mazapatepec, [19° 52'48.2" N, 97°29'3.72" W], 1700 m, 21 Mar 1971 (fr), *Boege 1688a* (MEXU!). **Veracruz.** Camino de Rincón Grande-Atzacan 51-B-1, 1350 m, 15 May 1967 (fl.), *Rosas 388* (BM, P); 5 May 1983 (fl.), *Chazaro 2698* (XAL); Tonocalco, Zongolica, bosque caducifolio, secundaria, 1150 m, 4 Mar 1976 (fr.), *Velazquez 27* (MEXU); Tenochtitlán, 2 km en línea recta al SE (115°) de Tenochtitlán, faldas de cerro Quebrado, 8 Nov 2000 (fl.), *Rincón & Durán 2233* (MEXU); Mpio. Zongolica, Tonocalco, 18°40' N, 96°59' W, 1150 m, 4 Mar 1976, *Vázquez 201* (MEXU!). Figures 3 and 4.



Figure 1. Holotype of *Mucuna jarocho*, Chazaro & Camarillo 3886 (XAL!).

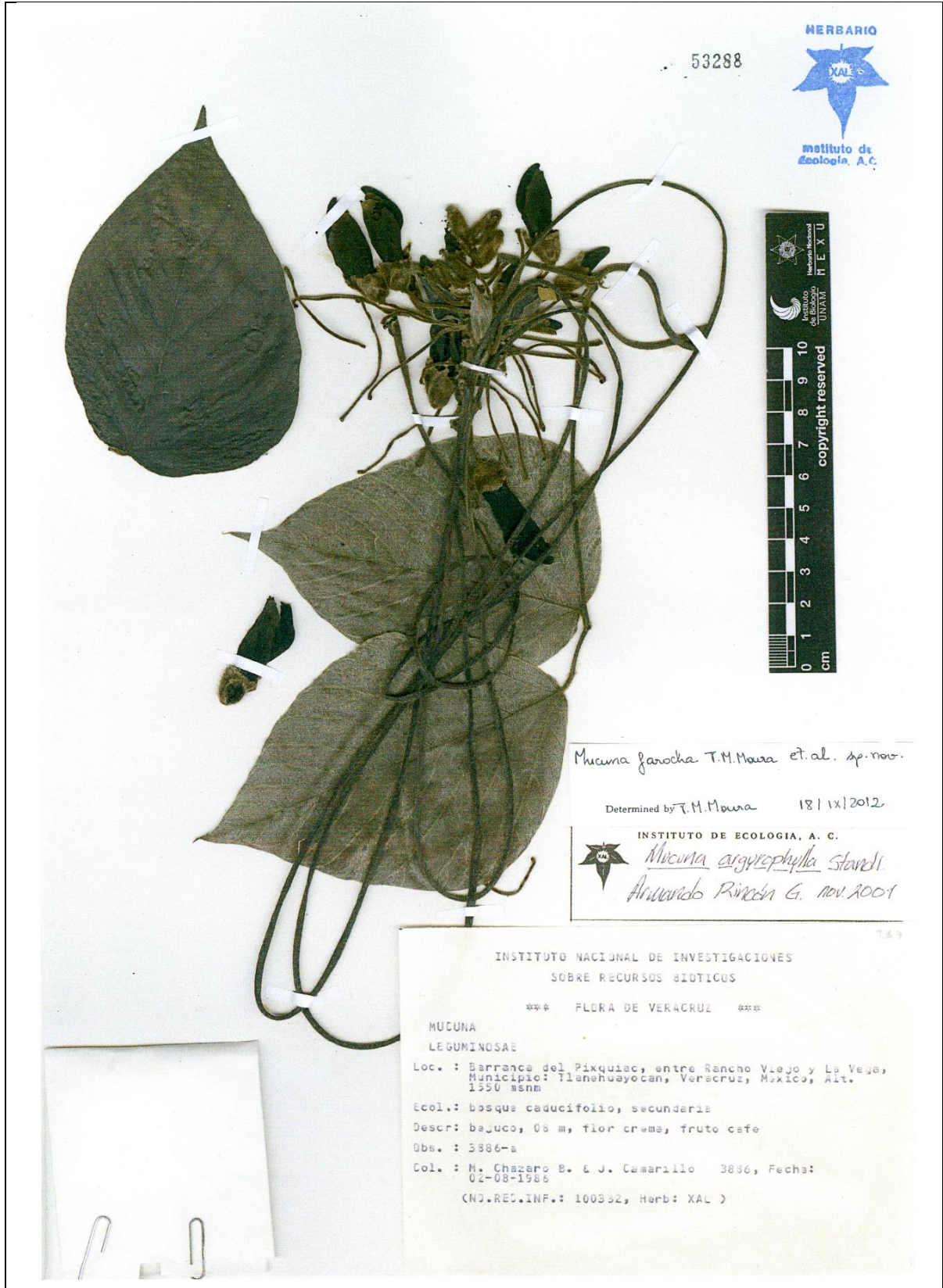


Figure 2. Isotype of *Mucuna jarocho*, Chazaro & Camarillo 3886 (XAL!).

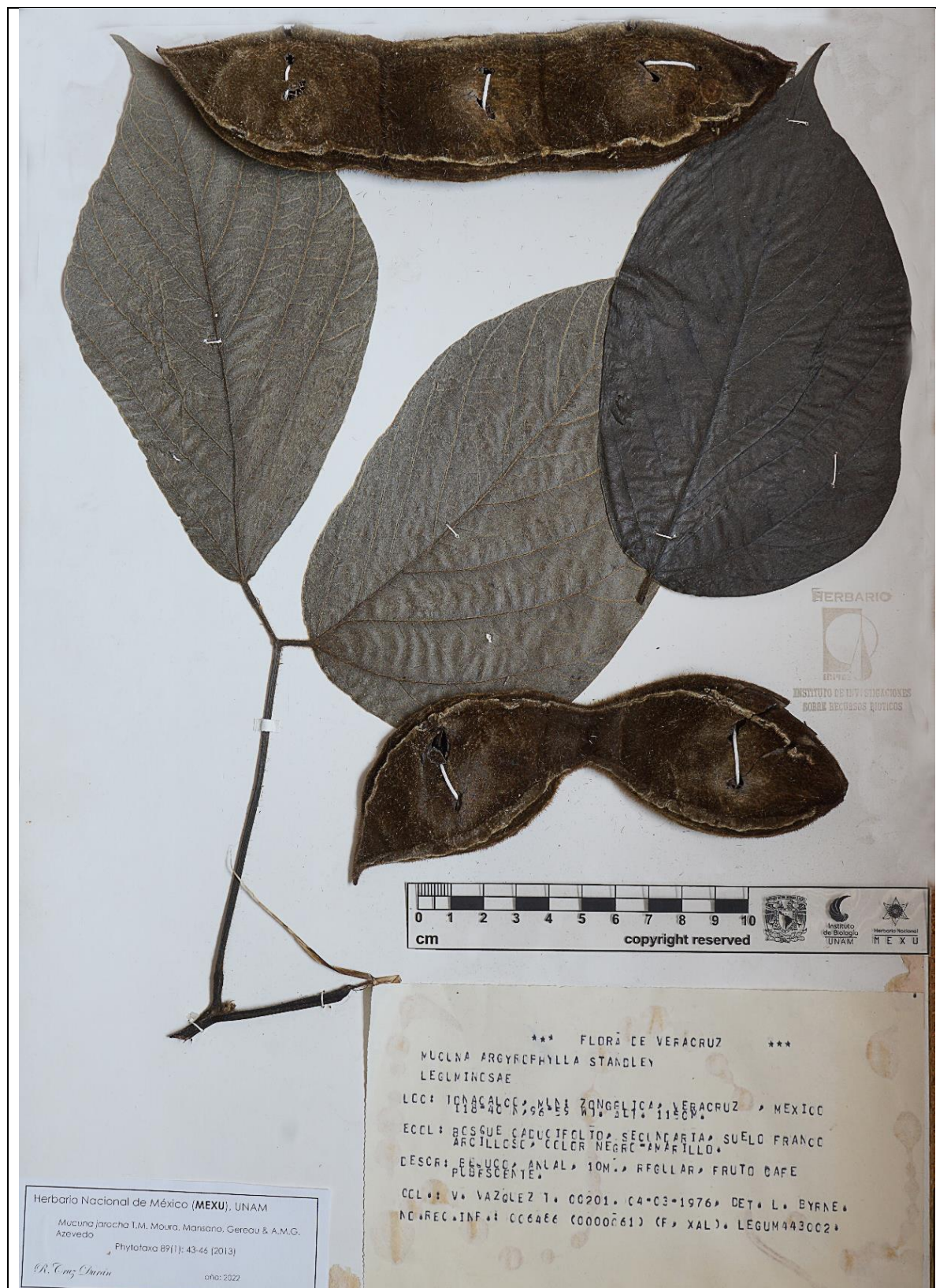


Figure 3. New record of *Mucuna jarocho* from Veracruz, Mexico, Vázquez 201 (XAL!).



Figure 4. New record of *Mucuna jarocho* from Puebla, Mexico, *Boege 1688a* (MEXU!).

The collection from Puebla represents a new record for the species, and new specimens in fruit and seeds from Puebla and Veracruz were detected, allowing for a fuller morphological description.

Fruits dehiscent, woody, stipitate, conspicuously hispid-pubescent, with long golden brown trichomes; stipe ca. 2 cm long; body 15–20 × 3–4.5 cm, oblong in outline, laterally compressed, attenuate at base, acute at apex, the surface ornamented by two lateral lamellae on each side, not constricted between the seeds, lignified wings along the margin of the fruits, with 3–4 seeds. **Seeds** 2.5–2.8 cm in diameter, black, lenticular.

Phenology. Flowering May to August, fruiting March and August to September.

Distribution and hábitat. The species is apparently endemic to the states of Veracruz and Puebla, where it occurs at 1150–1700 meters above sea level.

ACKNOWLEDGEMENTS

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LITERATURE CITED

- Moura, T.M., V. Mansano, R. Gereau, & A.M.G.A. Tozzi. 2013. *Mucuna jarocho* (Leguminosae-Papilionoideae-Phaseoleae), a new species from Mexico. *Phytotaxa* 89: 43–46.
- Moura, T.M., G.P. Lewis, V. Mansano, R. Gereau, & A.M.G.A. Tozzi. 2018. A revision of the neotropical *Mucuna* species (Leguminosae-Papilionoideae). *Phytotaxa* 337: 1– 65.