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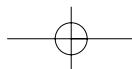
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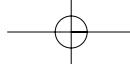
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Cnidoscolorum notulæ (Euphorbiaceæ), 11-12

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Cnidoscolorum notulæ (Euphorbiaceæ), 11-12. *Fontqueria* 55(17): 89-94.

Keywords. Two new species, *Cnidoscolus* (*Euphorbiaceæ*), Brazil (Bahia, Minas Gerais).

Abstract. Two new Brazilian species are described in the genus *Cnidoscolus* (*Euphorbiaceæ*): *C. Piranii* Fdez. Casas & Pizarro, from the state of Bahia, and *C. conicus* Fdez. Casas & Pizarro, from the state of Minas Gerais.

Zusammenfassung. Es werden hier zwei neue Arten der Gattung *Cnidoscolus* (*Euphorbiaceæ*): *C. Piranii* Fdez. Casas & Pizarro, aus Bahia, und *C. conicus* Fdez. Casas & Pizarro, aus Minas Gerais.

Resumen. Se describen de Brasil dos especies nuevas en el género *Cnidoscolus* (*Euphorbiaceæ*): *C. Piranii* Fdez. Casas & Pizarro, del estado de Bahia, y *C. conicus* Fdez. Casas & Pizarro, del estado de Minas Gerais.

Resumé. Deux nouvelles espèces sont décrites du Brésil dans le genre *Cnidoscolus* (*Euphorbiaceæ*): *C. Piranii* Fdez. Casas & Pizarro, de Bahia, et *C. conicus* Fdez. Casas & Pizarro, de Minas Gerais.

Resumo. Descrevem-se duas novas espécies brasileiras no gênero *Cnidoscolus* (*Euphorbiaceæ*): *C. Piranii* Fdez. Casas & Pizarro, de Bahia, e *C. conicus* Fdez. Casas & Pizarro, de Minas Gerais.

Two new Brazilian species of the genus *Cnidoscolus* Pohl (*Euphorbiaceæ*) are described in the present paper. The first new species, from the state of Bahia, is placed in the section *Jussieuia* (Houst.) Pax & K. Hoffm. (1931), not far from the sectional type species *C. urens*. The second one, from the state of Minas Gerais, is related with species of sect. *Calyptrosolen* (Mueller argov. ex Pax) Pax & K. Hoffm. (1931).

We continue our series of publications about the genus *Cnidoscolus* (*Euphorbiaceæ*), cf. F. J. FERNÁNDEZ CASAS (2001a; 2001b; 2002; 2003), F. J. FERNÁNDEZ CASAS & J. M. PIZARRO DOMÍNGUEZ (2001; 2002a; 2002b).

As in previous papers, we accept the well-known system proposed by J. MUELLER ARGOV. (1865; 1866; 1874) and F. PAX (1910), modified by R. McVAUGH (1944: 462), and G. J. BRECKON (1975: 105).

11 *Cnidoscolus Piranii* Fdez. Casas & Pizarro, spec. nov., *Fontqueria*

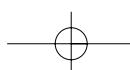
55(17): 89-91, n° 11, tab. 1 (01-vii-2003)

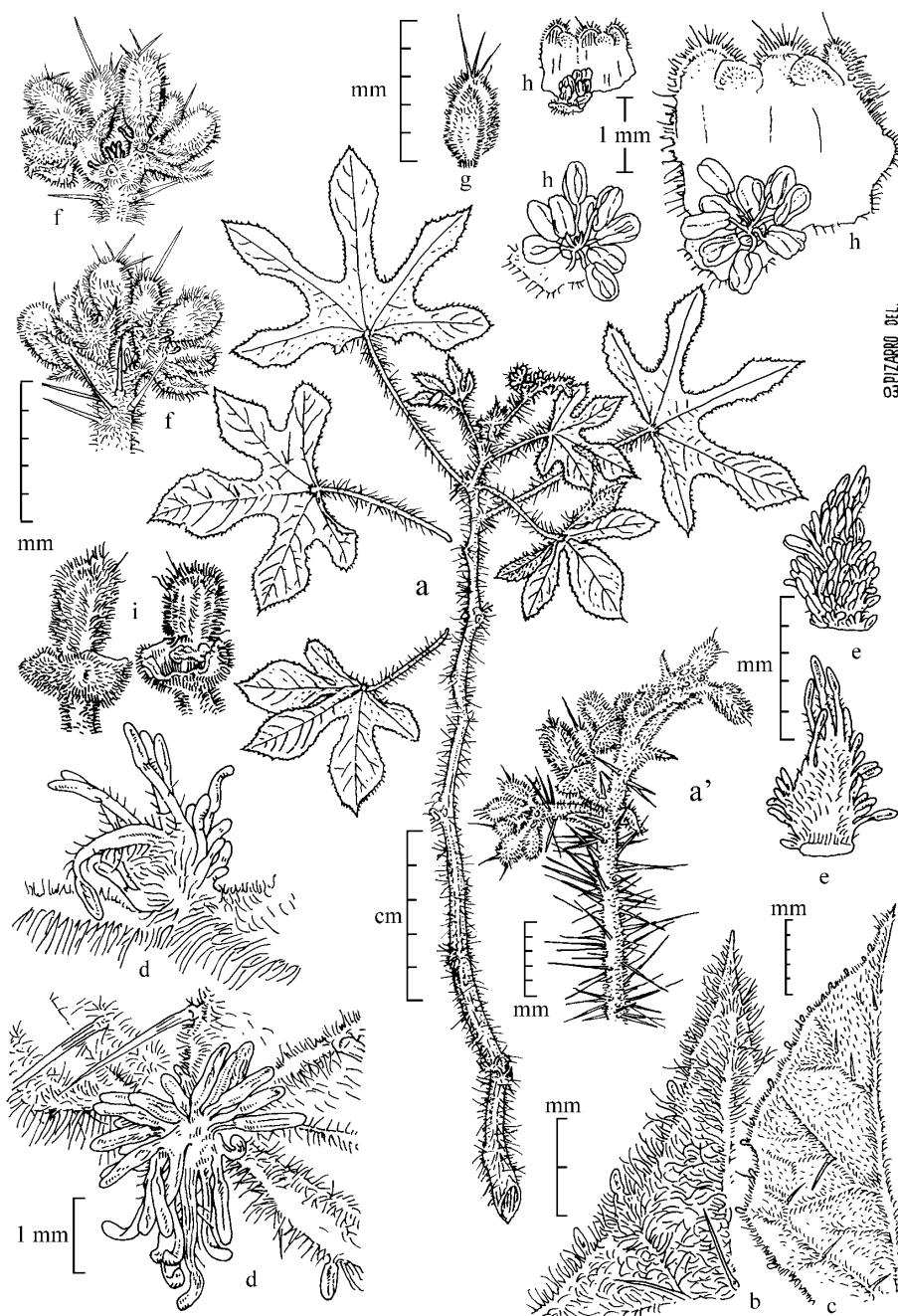
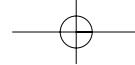
TYPUS: *M. Groppo filho* 742, A. C. Marcato & P. Soffiatti, 16-V-2001 (MAF 163117; SPF 147820, holo-)

- Ut videtur in sect. *Jussieuia* (Houst.) Pax & K. Hoffm. (1931) locanda est
- DISTR. GEOGR.: Brasil (Bahia)

Sicut collectorum schedula frutex 1,6 m; folia apicalia; flori albi.

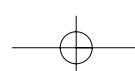
Petiolus albo villosus atque stimulus, usque 5,5 cm. Limbus usque 9 × 8 cm, ultra medium quinquefidus; subtus albicanti villosus, densior secus nervos; supra hirtus; basi

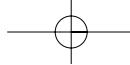




EZQUERO DEL.

PLATE I. *Cnidoscolus Piranii* Fdez. Casas & Pizarro. M. Groppo filho 742 (MAF 163117; isotype). a, a') Fertile branch. b, c) Abaxial leaf apex. d) Acropetiolar glands. e) Stipules. f) Inflorescence. g) Male flower closed bud. h) Androecium. i) Young regma with calyptro.





aperte cordatus; lobi oblongi acuminati, medius longior; margine grosse dentatus atque glandulosus. Stipulae fulvescentes vel rufescens, stricte triangulares, margine longe dentato glandulosæ, basi atque dorso dense glandulosæ atque pilosæ, adaxialiter hirtæ. Glandulae acropetiolares distinctissimæ, stipulae aliquo modo similares sed minores, ex base filamenta plura, ad 20, simplicia, cylindrica, apice excepto sparse hirta, glandula apicali prædita.

Inflorescentiæ breviter pedunculatæ, folia non superantes. Pedunculus ad 2 cm, villosus atque stimulus. Bracteæ stricte triangulares, dorso pilosæ, adaxialiter glabræ vel rare hirtæ. Calyx masculus, extus villosus atque stimulus, pars libera intus villosa. Stamina decem, libera; staminodia tria, subulata, parva. Antheræ dorsifixæ; conectivum sub media antheræ longitudine insertum. Columna staminalis nulla. Discus depresso, glaberrimus; glandulae disci quinque lunatae atque connate si adsunt. Calyptra subhemisphærica, magna, fusco villosa, marginata. Discus integer, pedunculatus. Ovarium cylindricum, villosum. Styli caducissimi.

Regma nobis ignotum est.

Species Dr. José Rubens Pirani, custos herbarii SPF, libentissime dicantur.

SPECIMEN EXAMINED

BRASIL, (05) BAHIA:

23LRE12 RE1727, «entre Catieté e Brumado, rodovia BA-430, 14°12'11"S, 042°03'36"W, 670 m. Caatinga. Arbusto 1,6 m, ramoso; flôres brancas», *M. Groppo filho* 742, *A. C. Marcato & P. Sofiatti*, 16-V-2001 (MAF 163117, iso-; SPF 147820, holo-; typus *C. Piranii*).

12 *Cnidoscolus conicus* Fdez. Casas & Pizarro, spec. nov., Fontqueria 55(17): 91-93, n° 12, tab. 2, 3 (01-vii-2003)

TYPUS: *G. G. Hatschbach* 46357, 14-V-1983 (MAF 163118, holo-; MBM)

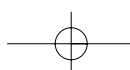
- Ut videtur in sect. *Calyptrosolen* (Mueller argov. ex Pax) Pax & K. Hoffm. (1931) locanda est
- DISTR. GEOGR. Brasil (Minas Gerais)

Sicut collectorum schedula suffrutex 0,5 metralis, stimulus, lacticifer; flori albi.

Petiolus stimulus atque hirto villosus, quam limbus longior vel subæquans, 6-10 cm. Stipulae caducissimæ, minimæ, 1,2-2 mm, margine glanduloso ciliatae, stricte triangulares, rare albo villosæ. Limbus ultra medium trifidus, rare secus nervos stimulus; sursum raro albido hirtus, deorsum albido hirto subvillosus, præcipue secus nervos. Basi cordata vel truncata. Lobi oblongi, medius brevior, acuminati vel subcaudati, grosse dentati; nervia marginalia in glandulam brevem excurrentia. Glandulae acropetiolares ad 20, discum depresso formantes.

Inflorescentiæ ad 16 cm pedunculatæ, laxe divaricatae. Pedunculus villosus atque stimulus. Bracteæ triangulares, integræ, dorso albo pilosæ, subciliatae, acuminatae, infimæ usque $4 \times <1$ mm. Calyx masculus subinflatus, conico utriculatus, albicans, hirtus, apice rare stimulus; sepala minima, elliptica vel rotundata, sub anthesi erecto patentia. Discus subsphærico depresso, viridis vel fuscus, apice rarissime pilosus. Stamina 10, in brevem columnam coalita, veticillum externum internum æquans; staminodium unicum, breve, subulatum; filamenta 3-5 mm longa; columna staminalis brevis, ad 1,5 mm; antheræ dorsifixæ, ad 1,5 mm.

Flos fœmineus ventricoso utriculatus, villosus, apice rare stimulus. Calyptra depresso hemisphærica, basi villosa, in fructu vis undulato marginata. Discus integer, subpedunculatus; staminodia minima, filiformia. Ovarium villosum, subcylindricum.



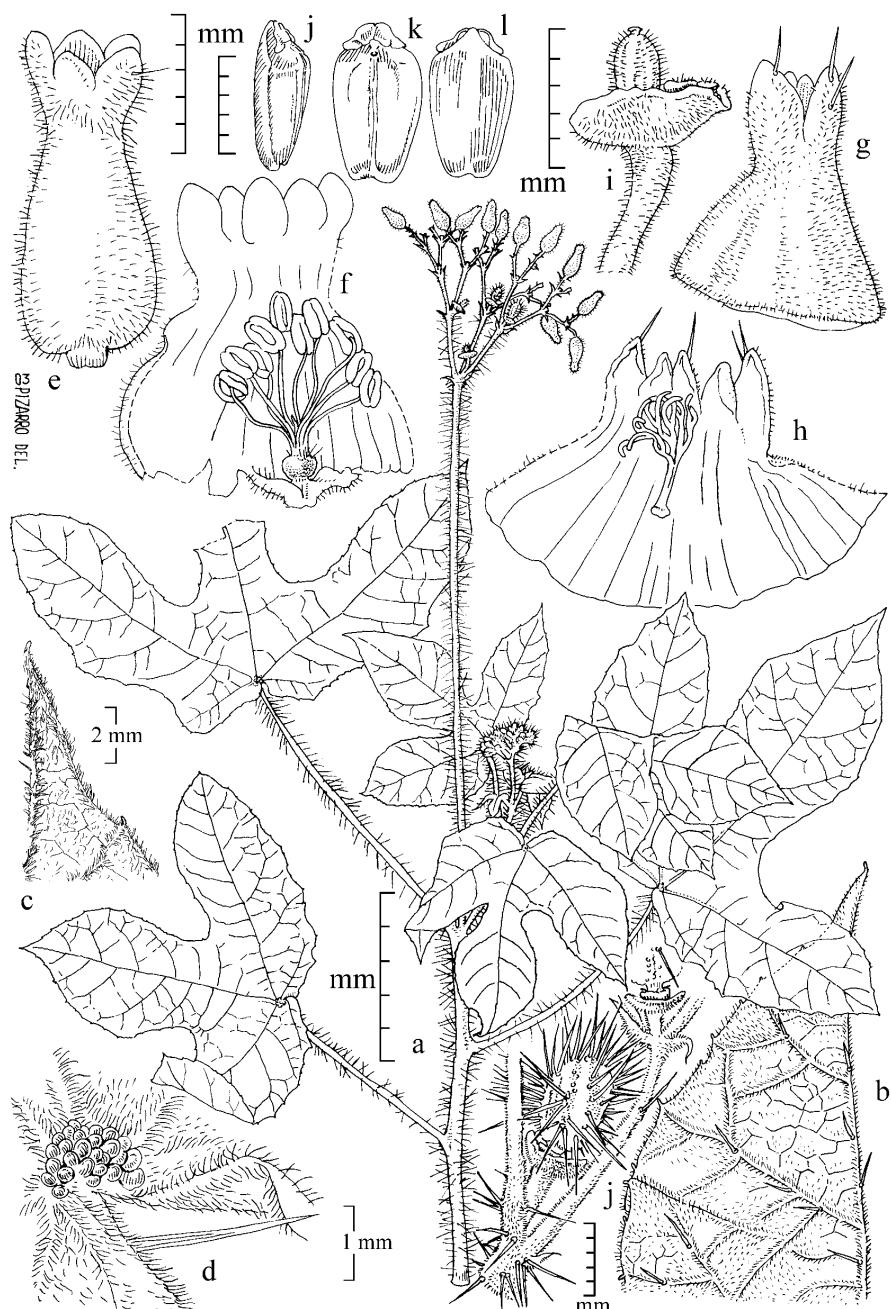
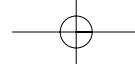
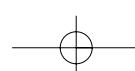


PLATE II. *Cnidoscolus conicus* Fdez. Casas & Pizarro. G. G. Hatschbach 46357 (MAF 163118; holotype). a) Fertile branch. b, c) Abaxial leaf apex. d) Acropetiolar glands. e) Male calyx. f) Androecium. g) Female calyx delapsed. h) Female calyx showing delapsed styles. i) Young regma with basal calypters. j-l) Seeds.



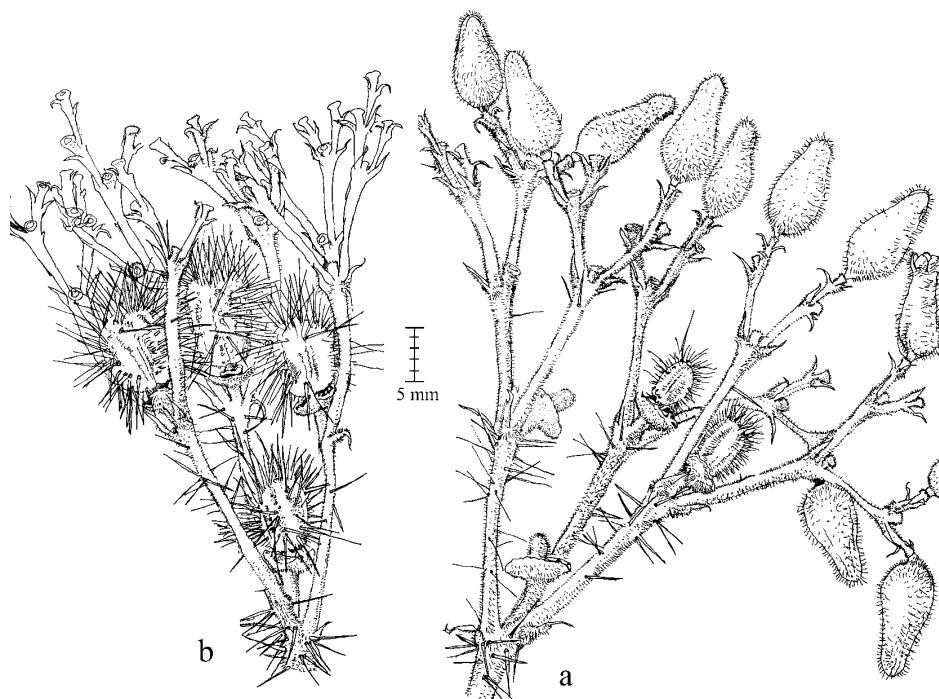
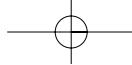


PLATE III. *Cnidoscolus conicus* Fdez. Casas & Pizarro. G. G. Hatschbach 46357 (MAF 163118; holotype). a) Inflorescence with male flowers and young fruits. b) Infrutescence; the male flowers were delapsed.

Styli tres, ad medium coaliti, bis dichotomi, caducissimi; rami subplani; stigmata 12, subplana.

Regma valde stimulus, ad 9 × 7 mm, rugulosa, viridi striata.

NUNCUPATIONIS CAUSA. *Conicus*, -a, -um, Latin adjective for cone-shaped. The male calyx has a marked conical form.

SPECIMEN EXAMINED

BRASIL, (15) MINAS GERAIS:

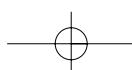
— — "Anagé" (ppl) has been found in the state of Bahia, 14°36'S, 041°08'W, «munic. Anajé: Serra dos Pombos. Alto da chapada. Subarbusto 50 cm; urticante, lacicifera; flôres alvas», G. G. Hatschbach 46357, 14-V-1983 (MAF 163118, holotype; MBM, non vidimus, iso-type; typus *C. conicus*).

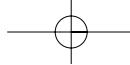
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Francisco Javier Sánchez García revised the Latin descriptions.

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