



Cnidoscolorum notulæ
(*Euphorbiaceæ*), 11-12

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Cnidoscolorum notulæ (*Euphorbiaceæ*), 11-12

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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. Descreven-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. Gropo 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.

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

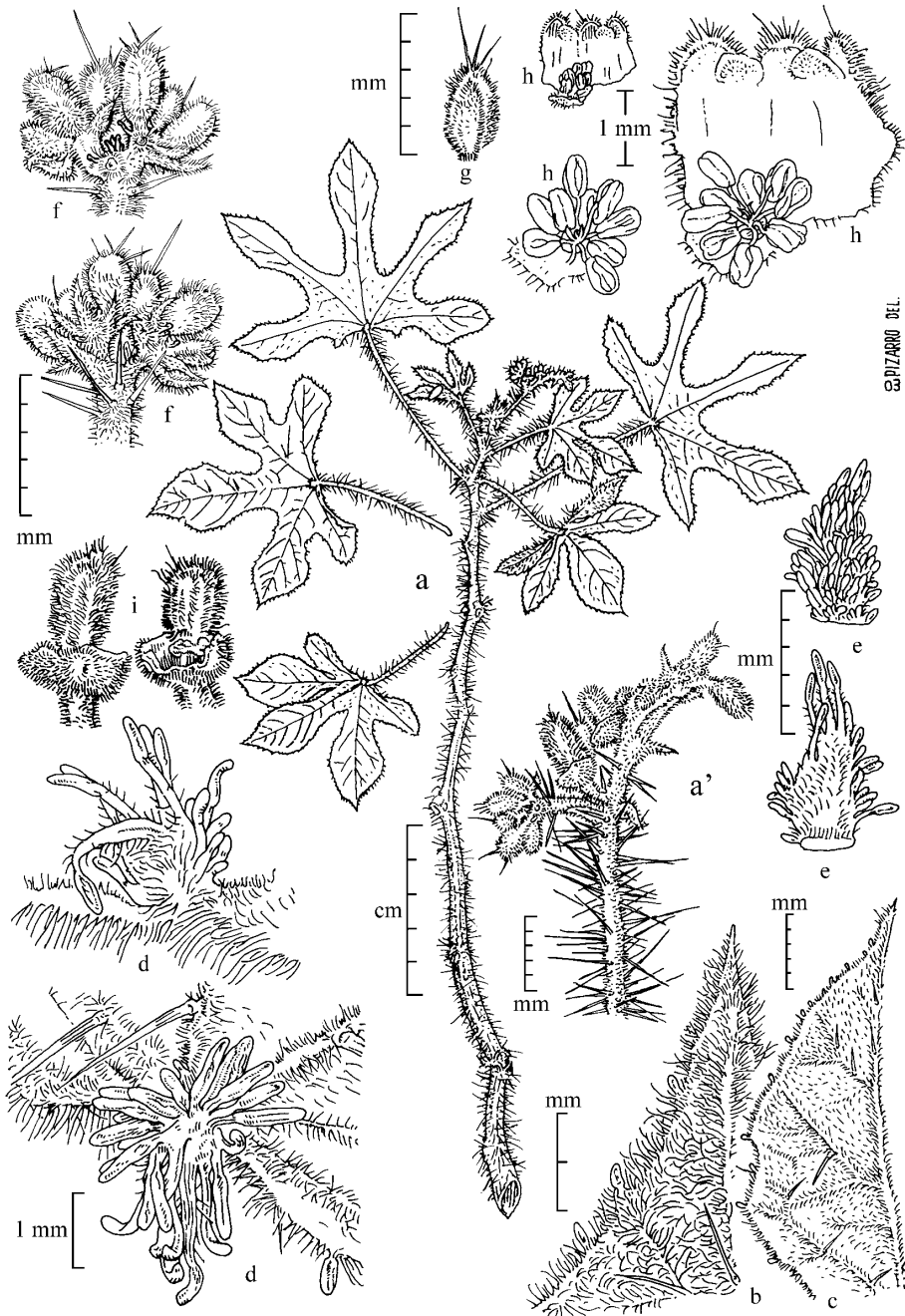


PLATE I. *Cnidoscolus Piranii* Fdez. Casas & Pizarro. *M. Groppo filho* 742 (MAF 163117; isotype). a, a') Fertile branch. b, c) Abaxial leaf apex. d) Acropetiolar glands. e) Stipules. f) Inflorescence. g) Male flower closed bud. h) Androecium. i) Young regma with calyptra.

aperte cordatus; lobi oblongi acuminati, medius longior; margine grosse dentatus atque glandulosus. Stipulæ fulvescentes vel rufescens, stricte triangulares, margine longe dentato glandulosæ, basi atque dorso dense glandulosæ atque pilosæ, adaxialiter hirtæ. Glandulæ acropetiolares distinctissimæ, stipulæ aliquo modo similes 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 stimulosus. Bracteæ stricte triangulares, dorso pilosæ, adaxialiter glabræ vel rare hirtæ. Calyx masculus, extus villosus atque stimulosus, pars libera intus villosa. Stamina decem, libera; staminodia tria, subulata, parva. Antheræ dorsifixæ; conectivum sub media antheræ longitudine insertum. Columna staminalis nulla. Discus depressus, glaberrimus; glandulæ disci quinque lunatæ atque connatæ 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. Soffiatti*, 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. *Calyptosolen* (Mueller argov. ex Pax) Pax & K. Hoffm. (1931) locanda est
DISTR. GEOGR. Brasil (Minas Gerais)

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

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

Inflorescentiæ ad 16 cm pedunculatæ, laxè divaricatæ. Pedunculus villosus atque stimulosus. Bracteæ triangulares, integræ, dorso albo pilosæ, subciliatæ, acuminatæ, infimæ usque $4 \times < 1$ mm. Calyx masculus subinflatus, conico utriculatus, albicans, hirtus, apice rare stimulosus; sepala minima, elliptica vel rotundata, sub anthesi erecto patentia. Discus subsphærico depressus, 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 ventricosus utriculatus, villosus, apice rare stimulosus. Calyptra depresso hemisphærica, basi villosa, in fructu vis undulato marginata. Discus integer, subpedunculatus; staminodia minima, filiformia. Ovarium villosum, subcylindricum.

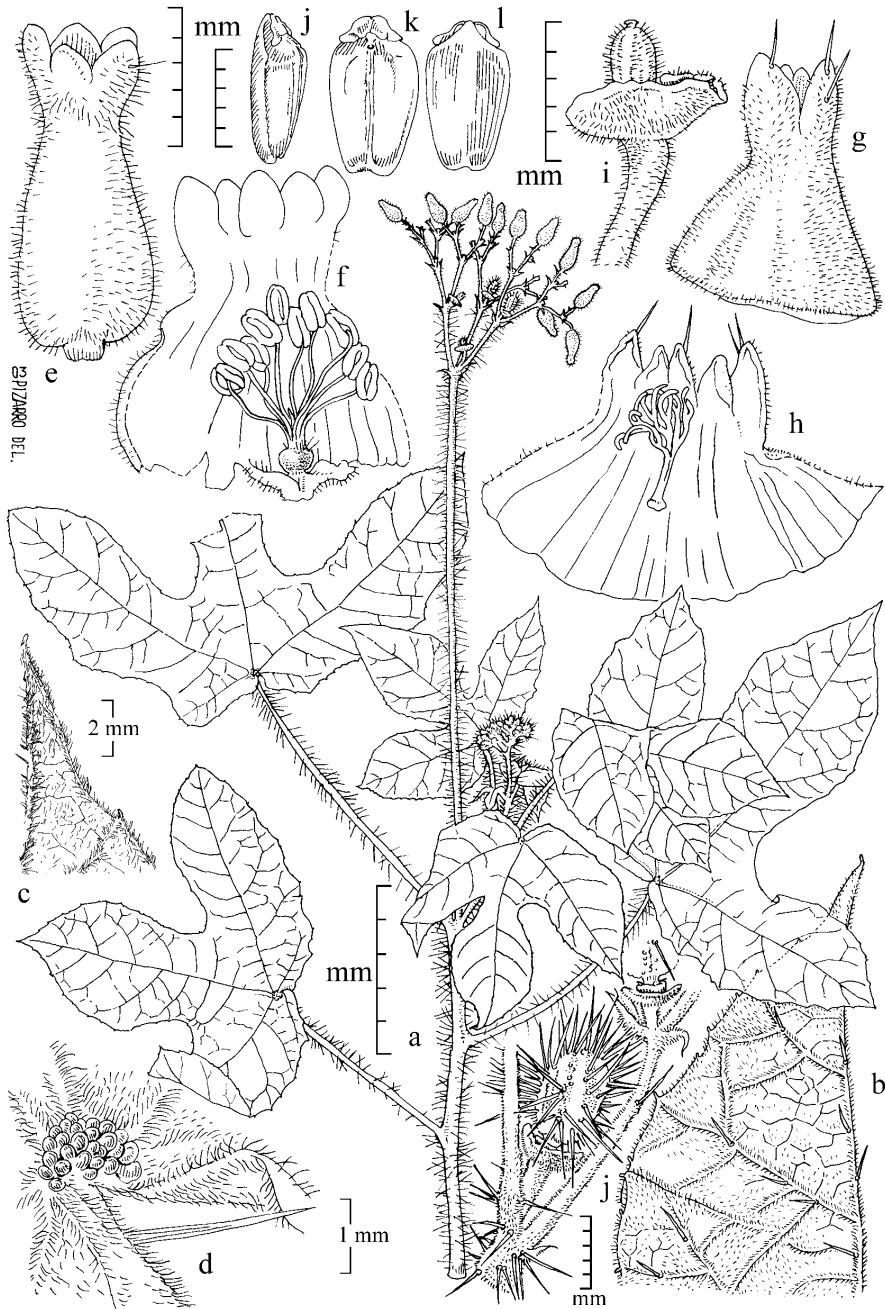


PLATE II. *Cnidoscolus conicus* Fdez. Casas & Pizarro. G. G. Hatschbach 46357 (MAF 163118; holotype). a) Fertile branch. b, c) Abaxial leaf apex. d) Acropetiole glands. e) Male calyx. f) Androecium. g) Female calyx delapsd. h) Female calyx showing delapsd styles. i) Young regma with basal calyptra. j-l)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

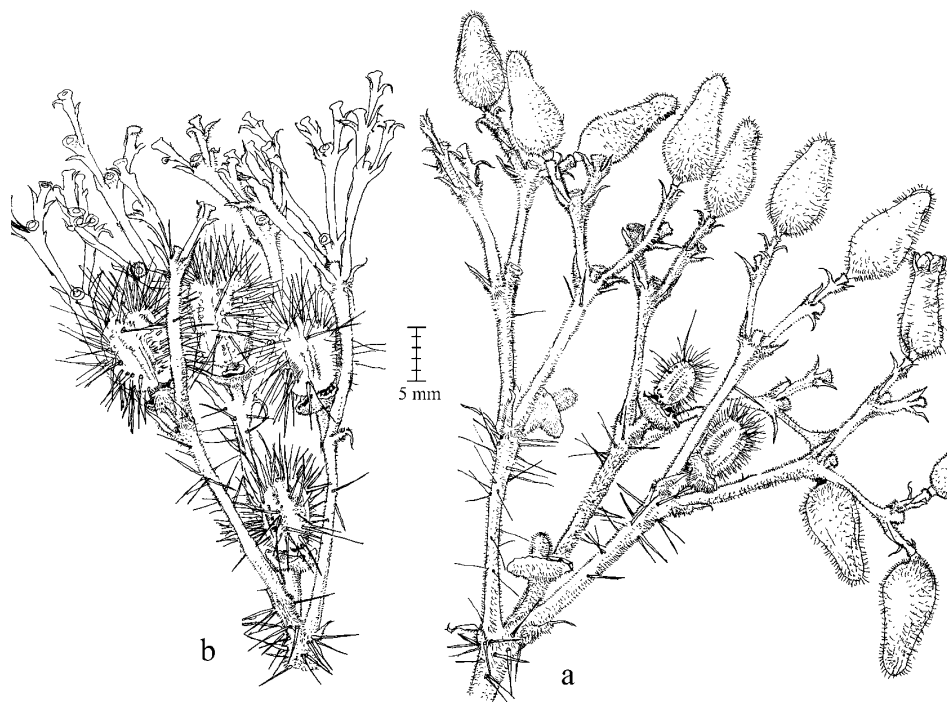


PLATE III. *Cnidoscolus conicus* Fdez. Casas & Pizarro. *G. G. Hatschbach* 46357 (MAF 163118; holotype). a) Inflorescence with male flowers and young fruits. b) Infructescence; the male flowers were delayed.

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

Regma valde stimulosum, 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, $14^{\circ}36'S$, $041^{\circ}08'W$, «munic. Anagé: Serra dos Pombos. Alto da chapada. Subarbusto 50 cm; urticante, laciferá; flôres alvas», *G. G. Hatschbach* 46357, 14-V-1983 (MAF 163118, holo-; MBM, non vidimus, iso-; typus *C. conicus*).

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