

SYNOPSIS OF CROTON IN ECUADOR

- 1a. Petals present in pistillate flower; indumentum lepidote; styles multifid. (Eluteria) C. schiedeanus
- 1b. Petals reduced or absent in pistillate flower.
 - 2a. Lower nodes of bisexual inflorescences with bisexual cymules; leaves with basal glands.
 - 3a. Indumentum stellate (or partly simple).
 - 4a. Styles twice bifid to multifid.
 - 5a. Bracts of staminate flowers lanceolate.
 - 6a. Stamens mostly over 30; leaves palmately veined at base.
 - 7a. Style-branches slender, entire; stamens 50-60; stipules c. 6 mm long, setaceous C. quadrisetosus
 - 7b. Style branches ± dilated; stipules setaceous or broader.
 - 8a. Staminate sepals valvate.
 - 9a. Stipules dentate. C. callicarpifolius
 - 9b. Stipules entire, setaceous. C. abutiloides
 - 8b. Staminate sepals imbricate; stipules entire. C. coriaceus
 - 6b. Stamens mostly less than 30.
 - 10a. Stipules pinnatifid, 12-18 mm long. C. polycarpus
 - 10b. Stipules entire.
 - 11a. Staminate petals cuneate; petioles usually less than 1/3 blade length; pistillate pedicel 2-3 mm long; racemes dense and compact. C. pycnanthus
 - 11b. Staminate petals elliptic to ovate; petioles often more than 1/3 blade length; pistillate flowers sessile; racemes elongated, often entirely staminate. C. baillonianus

- 5b. Bracts of staminate flowers elliptic; style-branches dilated; stipules dentate. C. sordidus
- 4b. Styles once bifid.
- 12a. Stamens mostly over 30; filaments hirsutulous; leaves glandular at base.
- 13a. Leaves stellate-pubescent above, cordate at base; pistillate pedicels less than 5 mm long.
- 14a. Stipules subulate, 6-10 mm long. C. abutiloides
- 14b. Stipules obsolete. C. ruizianus
- 13b. Leaves glabrous above, not cordate at base; pistillate pedicels more than 5 mm long. C. rimbachii
- 12b. Stamens mostly less than 30.
- 15a. Stipules entire, not glandular-toothed.
- 16a. Indumentum loosely stellate beneath; bracts lanceolate.
- 17a. Seeds deeply rugose; pistillate flower subsessile. C. aequitoris
- 17b. Seeds striate or lightly ribbed; pistillate flowers with pedicel longer than calyx. C. lechleri
- 16b. Indumentum appressed-stellate; bracts triangular. C. jamesonii
- 15b. Stipules glandular-toothed. C. friesianus
- 3b. Indumentum lepidote; styles twice bifid.
- 18a. Leaves copiously lepidote above; filaments hirtellous. C. cuneatus
- 18b. Leaves glabrous above (or nearly so); filaments glabrous. C. tessmannii
- 2b. Lower nodes of bisexual inflorescences with pistillate flowers (cymules all unisexual).
- 19a. Indumentum stellate.

- 20a. Styles multifid; leaves glandular at base; seeds smooth. C. balsameus
- 20a. Styles bifid.
- 21a. Leaves with 2-4 patelliform glands at base.
- 22a. Trees or shrubs; leaves entire or denticulate; stamens 11-15.
- 23a. Indumentum copious at least below; hairs not strongly appressed.
- 24a. Leaves distinctly triplinerved, obtuse; stipules obsolete; stamens c. 15, filaments hirtellous at base. C. thurifer
- 24b. Leaves not distinctly triplinerved, acute or acuminate; stamens 15-30.
- 25a. Pistillate flowers 20 or more per bisexual inflorescence; stamens 20-30. C. pavonis
- 25a. Pistillate flowers not over 10 per bisexual inflorescence; stamens c. 15. C. collinus
- 23b. Indumentum sparse, trichomes appressed-stellate.
- 26a. Stipules subulate, c. 3 mm long; leaves acute or acuminate at tip. C. fraseri
- 26b. Stipules obsolete; leaves rounded or obtuse at tip. C. alnifolius
- 22b. Herbs with distinctly dentate or serrate leaves; stamens 8-12; bracts glandular at base.
- 27a. Leaves coarsely and sharply serrate; stems not hispid; stamens 8-10; styles less than 1.5 mm long. C. trinitatis
- 27b. Leaves finely serrate; stems hispid; stamens 11 or 12; styles over 1.5 mm long. C. hirtus
- 21b. Leaves without distinct glands at base of the blade.
- 28a. Leaves stellate-pubescent on both faces.
- 29a. Leaves densely appressed-stellate above, broadly elliptic or ovate; filaments glabrous. C. pellitus

- 29b. Leaves loosely stellate above, oblong; filaments
hirtellous. C. rhamnifolius
- 19b. Indumentum lepidote, at least in part.
- 30a. Leaves glandular at base, glabrous above; stamens c.
20. C. menthodoros
- 30b. Leaves eglandular at base (or glands rudimentary),
lepidote above; stamens 12-15.
- 31a. Upper leaf surface greenish, with scattered appressed
stellate or stellate-lepidote hairs, radii not over
15. C. eggersii
- 31b. Upper leaf surface silvery, densely covered with
lepidote hairs, radii 25 or more. C. adipatus

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