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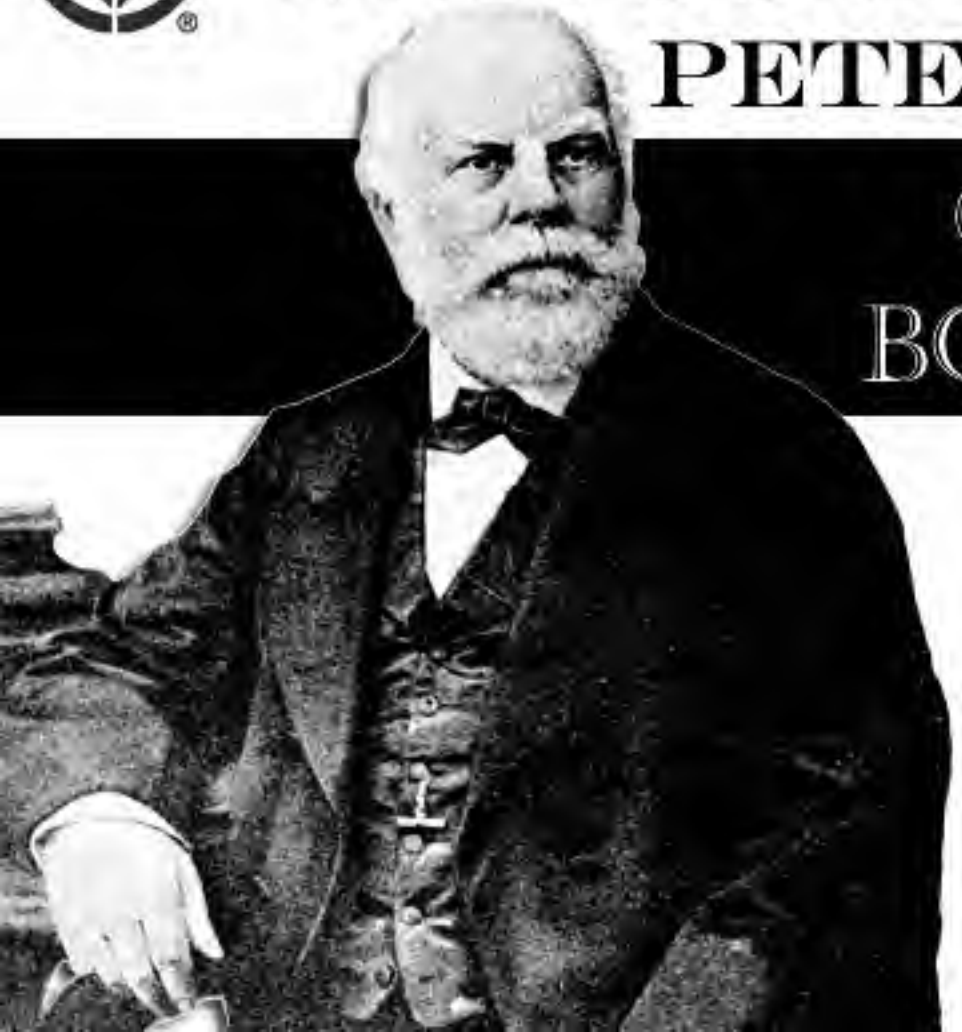

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Rockystigma

Differs from Cunonia and approaches Gymnosia not only by the thicker cylindric stigmata, but also by the very loose inflorescence, in which the pedicells are usually supported by bracts. — The capsules open by irregular late and ~~irregular~~ but not by a regular proper joint. The three species belonging here are natives of South-Africa and seem to grow all on evergreen shrubs. (The corolla remains sessile at the base of the capsule in one species at least.)

4, the calyx forms a very short hypanthial cup, in that

5282

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C. Californica 2

~~1.2~~ scales ovate spatulate, obtuse, shorter the the tube, incurved; styles ~~1.2~~ as long as the very acute ovary, ~~1.2 long the the~~ much ~~exserted~~ ~~depressed ovary~~; ~~capsule 1.2 acute~~, ~~styles spread covering the corolla~~ enveloped ~~acute~~ ~~the corolla~~ ~~crown part of exserted capsule enveloping the~~ corolla, upper ~~acute~~ half exserted; seed ~~[illegible]~~ above described with a good deal of hesitation. O.S. & S.G.S.

place here ~~and~~ the following ~~for~~ anomalous form as var E.? squamigera: flowers 2-2½ long long, calyx ~~[illegible]~~ ~~in attendance~~ on pedicels short, the the flower or even the calyx is rather crowded ~~panicle corymbiform~~ ~~umbellate~~ ~~panicle~~ ~~umbellate form~~ ~~panicle~~ clusters; calyx see abv.

Alkali Soil on the Aro Virgen, Utah, ~~[illegible]~~ on Rueda, I. Remy! ~ Hb. Mus. Paris

5283

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Subsidolepsa 2

usually longer than

anthers, ~~[illegible]~~ oblong, or ovate, filaments usually ~~short~~; scales scarcely reaching above the middle of the tube, (oblong lanceolate), deeply fringed; style slender, ~~usually~~ much longer than

2. pubescent ovary, scarcely exserted. at first capsule ovoid, usually ~~is~~ upper pubescent covered by the corolla seed usually single, 0.7–0.9 l. — ~~[illegible]~~ thick ovoid; off ~~[illegible]~~ obliquely protruded base, with a very small oblong hilum.

On the Tejon pass in the ~~Mountains of~~ Southern part of California, on Salix and Artemisia Dr. Hermann! in the same region on Cuyamaca Mr. Parish! Sierra Nevada, above Placerville, J. Remy! Marin Marshes on Isolepis in the Bay of S. Francisco on Grindelia ~~and~~ Arthrocnemon, Ch. Wright! — It is singular ~~that~~ remarkable, but not unusual in this genus ~~to observe~~ that the ~~Mountain forms~~ specimens from the Mountains are absolutely identical with those from the lowlands of the coast; ~~in the latter the~~ the only difference of the latter is that the flower is a little larger and the anthers shorter

Var. β. Breviflora lobes of calyx more membranous, less deep, divided, scarcely imbricate, rather long than the short funnel-shaped tube of the corolla, laciniae as long as tube, styles as long as or ~~not~~ ovary, shorter than the ovoid capsule which is entirely enveloped by the corolla. — ~~On~~ Marin Island, San Francisco Bay ~~with~~ on Arthrocnemon, Ch. Wright. — Though at first glance apparently very different, can not be separated from the C. subsidolepsa.

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Cuscuta Subinclusa Durand & Hilgard

in Journ Acad. Philad III. p. 42, 1854 ~~and~~ at

& Pacif. R. R. Rep. V. 3. p. 11., 1856. –

This pretty, large flowered and pretty

species was first by Dr Heermann on

the ~~Yellow~~ fifty miles opposite California

the Yellow Pass, by Dr Lecoste in the same

region, cotton shrubs and by Mr Chas Wright on saline

~~soils~~ marsh in islands of the Bay of San Francisco

on Grindelia and Arthrocnemon. – It is

~~distinguished by~~ its more or less deeply

usually resembles C. odontolepis, but has

decidedly larger capsules, more consin-

(crowned with a stylopodium, which ~~is little~~ still

~~distinct in fruit~~); lobes of calyx usually often deeply

divided and imbricate, usually as long as the

cylindric-campanulate tube of the corolla;

~~lobes~~ as long as or shorter than the tube,

subovate or lanceolate, acute, more or less dentoidulate.

~~stamens short~~, ~~anthers~~ filaments as long or

~~longer than the anthers~~; usually ~~much shorter~~

~~the tube of~~ usually reaching above the

middle of the corolla, deeply fringed, ~~down~~

top and sides; styles slender, ~~reaching to~~

~~the throat~~. – usually exserted. Afford.

The whole difference in the specimens of

such very different localities consists in

the ~~deep~~ ~~smaller~~ degree of division of

the calyx lobes. – one of the specimens from

San Francisco Bay has also a shallower tube

and shorter styles.

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Var. E. Brevíflora; flowers 1–1½ l. long, usually 4-parted or 4 and 5 parted in the same specimen, only partially glandular or without any glands; scales very small bifid or more commonly entire, small distant lateral or almost wanting so that 2 or 3 tufts in the flower; ~~parts with a few teeth, membrane~~ teeth or toothed lobes. C. brevíflora Visiani! Fl. dalm. II. 231. C. Chrysocoma, Welw.! in Sched. Desm.! El. 71. (C. Tinei, Insenga! – Tin. Pl. rar. Sic. p. 14.) C. aurantiaca Req.! in Sched. Bertoloni! Fl. it. VII. 623 (C. Chrysocoma).

C. Rogowitschiana Trautv. Mel. biol. II. 16/28 Mart. 1857. — Southeastern part of Russia, Kiieff, Trautvett on the lower Wolga near Sarepta et Liemaschko! 227, Becker! Combalewski, Borszczow! Greece & Alexandr.! Jurasski! Berger! Dalmatia, Stalio! Naples (Capua et Gussone!) Bonn! (in hortis abdet. – Kempfields), Sicily, Insenga! Corsica, Requien! France (near Toulon) Guillon, Montferrand, Raynond! Portugal Welwitsch! It often occurs in Basilicum in gardens and seems to be artificially propagated with the seeds of the plant. (Basilico con permesse – Ulva botr. Naples) Ed. Prod.

Var. C. Cesatiana; flowers 1/2 lines long, Spartan yellow, lobes of calyx, corolla ~~longer~~ much longer than the tube narrowly, gradually ~~as large~~ expanding; the tube ~~usually~~ deeply ~~flavian~~ ate, usually more or less bifid. — C. Polygonum Cesati! in Cat. Sem. Gen. 1849. p. 22, Crot. Engl. Linnaea XXIV. 199 / C. Cesatiana Bertol.! Fl. it. VII. 623. — Piedmont, Cesati! Kaschwin Jacquemont! 1876. — It is the strange fact exactly that the same form should be found in so widely distant localities, ~~but it~~ adds another proof to the specific identity of the numerous varieties from so many parts of the globe. Prof Cesati l. c. gives the first correct account

5285

of the apparent intrastylar dehiscence of the capsule in the following words: "capsula ... ob dissepimentum expirationem ad.. hians, ... hinc capsulam apice dehiscentem mentiens".

Var γ. Cordofana; calyx large, longer than the ~~tube of~~ tube, lobes united above the middle and somewhat carinate; scales as in var. brevifloru, stamens and styles shorter than in any other form of the species. — See Pezogl. Cordofan, Figari! — Herb. Mus. Florent.

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Decem 2

Var β. scabrida; Compact of capsule enveloped by the tough rims of the corolla, ~~with appears~~ upper part reduced; (styles short) divaricate. — "Common on the overflowed islands of the Parana" Buenos Ayres, Tweedie

Var δ. integrisepala; calyx short to the deep capsule tube of the corolla, leaving exert; scales triangular, not scales triangular thin, crenulate styles capillary, shorter the ovary. — Mendoza, on ~~Schedule l.c. ovary~~ Ephedra, Gillies

β. C. inflexa ~~Engl. in Gray Man ed. 2 p.~~ C. Coryli Eng. in Ill. Jour. 43, 337; C. umbrosa Boisgr. in Hb. my Bewl. in part. Engl. in Gray Man ed 1. 357 ed 2. 336. C. parviflora Nutt in Hb. C. congesta Boisgr. in Hb. C. copeita var. crenulata Chodat in DC. Prod. IX. 459

Mysti. Pedgrich, Gray & Sullivant, to Georgia Bigelow and northward to Illi- & Mich. Engl. "Rich! usually in dry and dry prairies on shrubs (Corylus, Ceanothus, Symphoricarpos, Rhus Toxicodendron, Salix and even on Cornus) but also on Silphium, Helianthus and other Compositae" Council grove, Kansas, Teadler 658. with Country west of Arkansas, Bigelow on the upper Missouri & Yellowstone, Hayden. — ~~Very nearly distinct from the last, though it is with which it has the structure of the corolla~~

Flower of similar structure as the last, distinguished from it by the deeper nearly to base subcylindric corolla with exert inflexed lobes, which at last only cover the top of the capsule; & by the minute scales reduced to lateral teeth ~~of different lengths~~ shorter than the ovary styles divaricate on capsule; seeds oblong ovate thick obtuse with small obly transverse or oblique hilum;

5286

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Var α. vera, C. oblongiflora, H. B. K.! n. gen. sp. III. 122. C. inodora Willd.! Hbst. No. 3164; — flowers scarcely ~~twice~~ the length of calyx; capsule lobes of calyx very unequal, as in many forms of the species, ~~lacinias reflexed~~ at last, scales very small and thin, but slightly fimbriate or nearly crenate; styles as long as ovary, with thick, especially in fruit stout and subulate. capsule 1/4-1 1/2 lin. diameter covered with ~~glands~~ (dark red in the dried state) glands. — Peruvian Andes, Humboldt! — Guayaquil Jameson! 542; New Granada Holton! 544; with slender styles Triana Linden! 168; Antioquia on the Magdalena River, Jervis! 1500. The last ~~specimen~~ mentioned specimen with glandular corolla and a little larger, more deeply fimbriate scales forms a transition to the next ~~form~~.

Var β. glandulosa, calyx, corolla and capsule dotted with red and shining glands; calyx smaller than tube in some and fully as large in other specimens; scales large, of exactly the calyx (incurved deeply fringed; depressed capsule; fl. 1 1/4 l. long, 1 1/2 - 1 3/4 lines diameter). — Georgia ~~Boykin~~ Rensselaer Bloyson! and all the specimens seen: Georgia, Boykin! Florida, Angel! 400; Louisiana, Tassinari! Western Texas, Wright! Bigelow! Schott! Bahamas, in Hb. Hooker! Cuba, Poeppig! under the name of C. Americana (Martinique, Mad. Richard, 114 in Hb. Mus. Paris. — with a more membranous and glandular calyx)

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5287

(nearly 1½ l. long)

Var γ? lati-loba, ~~inflorescence~~ larger, of a firm texture, calyx and capsule glabrous, very unequal lobes of calyx & lobes of corolla ~~[illegible]~~ broadly ovate, almost orbicular, long, scales deeply fringed, styles robust short. — Martaban! ~~[illegible]~~ Wallich! Cat. 1320.3 under the name of C. sulcata. — ~~I have some hesitation~~ Seems to differ from C. obtusiflora by the more fleshy and erect ~~erect lobes of the~~ corolla, especially by the more paniculate than globose inflorescence, it is certainly not C. Chinensis to which Wallich and Choisy unite it.

Var δ. australis; C. australis A. Br.! flowering (5 portions as in all forms hereto enumerated) rarely more than 1 lin. long, ~~usually~~ commonly all parts more or less with glands, styles short, ~~but~~ with more slender than in the common forms; scales bifid or often reduced to a few lateral teeth on the side of the adnate part of the filament. — C. australis A. Br.! Bod. I. 491; C. Millettii, Hook & Arn.! Bot. Beechey. 201. is the same plant, with less glandular and with stouter styles. — New Holland, Port Jackson, R. Brown! K. Bauer! Caley! Goulbourn River, F. Müller! Contra Chinam Millettii ~~[illegible]~~ Mr Müller's ~~[illegible]~~ specimen is almost destitute of glands, and also of scales, which show ~~[illegible]~~ only here and there appear as a single or double tooth; it can not be distinguished from Var ε.

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Cuscuta appendiculata n. sp.

Caulibus capillaceis; floribus laxe paniculatis; pedicellis flore sæpe pluries longioribus; calycis brevissimi lobis ovatis acutis basi appendiculatis glandulosis; tubum corollæ dimidium vix æquantibus ~~prope coagulata~~ ~~subcylindrica~~; laciniis ovato lanceolatis ~~basi subcordatis~~ ~~acutis~~ acutis dein reflexis apiculatis (inæqualibus) convolutis. Tubum profunde ciliatis stellatis antheris ovato- seu obovato-oblongis ~~filamentis~~ ~~crispatis~~ brevissimis, squamis ~~ovatis~~ spatulatis crispato-fimbriatis ~~inæqualibus~~ (convolutis) fauce æquantibus stylis ovari ~~apiculatum~~ æquantibus, faucem vix excedentibus; capsula ~~apice calloso~~ exserta ~~bifurcata~~ involuta, apice calloso late hiante; semina plerumque ~~singula~~ ovato rostrato ~~ovata~~.

Cape of Good Hope on Erica and other evergreen shrubs: "in collibus per totam districtum Zwellendam", Krauss! ann. 1816; "Teufelsberg" in Hb. Fischer! now Hb. H. D. Petrop. — Their with the form of C. obtusiflora above mentioned is the only ~~species~~ of the ~~sec~~ section Grammica Thus far found in Africa. It seems to be a rare plant occurring in very few ~~collections~~ localities. Flowers loose ~~with~~ similar to that of the other South African Cuscutas. Plants 1–1½ lines long, ~~and~~ appearance very similar to C. partita, but with much shorter calyx (rarely more than ¼ line long) and ~~rather~~ broader lacinias of the corolla, apiculate ovary, exserted capsule etc. anther shorter and rounder than in all the other species. Single seeds filling the capsule 0.6 lines long.

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5288

Nutlets are found with at the base of the calyx give it a peculiar appearance; potentially they are constant, seems to be seen

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157 Cuscuta appendiculata, n. sp.

Caulibus capillaribus; squamis fusco-purpureis, lax; floribus calycis brevissimi basi glandulosis appendiculatis; lobis ovatis acutis; tubo ~~[illegible]~~ profunde campanulato, vix ad medium; faucibus; laciniis ovato-lanceolatis, demum reflexis; apice antherifero tubo aequilongis; antheris ovato-orbiculatis, filamento longioribus; ovario globoso, depressiusculo, subtilissime punctulato; stylis tenuibus ovario adultos subaequilongis; capsula exserta supra medium nuda; semine globoso, depressiusculo, subtilissime punctulato; testa cuspidata.

Cape of Good Hope; Swellendam, obligingly pointed out to me by Dr. Pappe on his visit to the Cape of Good Hope, "Thought the Whole District" otherwise known (Kraus, 1816.) (Zeeuws Bay & Mr Fischer! (now Mr. H. D. Pappe.)

The only South African Cuscuta belonging to this section distinguished by the small (scarcely ¼ lin long) appendicles only, etc; flowers 1–1¼ l. long; seed. o.6. l. long.

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C. corymbosa

P. C. Stylosa Choisy, Ecus. 187. T. 5. f. 2
DC Prod IX. 459

s. forma longistylis: flowers rarely more than 2 lines long, slender, with very short calyx, narrowly cylindric corolla, short, narrow scales filaments a long or shorter the anthers; style as long as the throat of the corolla (~~[illegible]~~ ~~[illegible]~~ or longer, and exserted even at the flowering period or afterwards; ovary conical or ~~[illegible]~~ rather inversely pear-shaped.

The shape of the ovary seems to distinguish this form from the last, the length of the styles is variable even in the original specimens ~~[illegible]~~ cited by Choisy. —

Mexico, Andrieux. 213 & 214. Schiede 822, Ne Jorgui! (ex C. Auriculata) Ghiesbreght 186! in Tolucca Karwinski! Jalapa Galeotti! 1412 Jalapa Linden! 208 in part

In Herb. Kew I find a form sent by Botteri from the Orizaba, Mexico, (No. 949) which is stylose with longer flowers, (3 l. long) and a rather regulate lamina.

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C. corymbosa

γ. C. corymbosa Ruiz & Pav! I. 69
t. 105. b.

non Kunth Enum. & DC Prod.

1. forma microlepis. flowers ~~[illegible]~~ 2 l. long
13/4 - 2 l. long; ~~as~~ often ~~of~~ ~~the~~ 4 parted. in
the specimen of the herbarium of Ruiz (in
Mus. reg. Berolin) and Pavon (Mus. Boissier)
which seem parts of one and the same specimen
~~scales reduced to~~ small ~~fillets~~ as long
as ovate-rounded anthers; scales reduced
to very thin and small ovate membranous
with 4 - 7 or 8 teeth (irregular) inserted below
the middle of the tube; sometimes entirely wanting
on many corolla, with styles scarcely reaching
to the throat. — The flow. Peruvian
already figures the crenulate capsule and
the cylindric corolla, ~~with the [illegible] &c.~~

It is well known that Choisy
and every author after him (himself) have
considered the species which appeared
in Europe 20 years ago (on Meerdrago)
as ~~this~~ (corymbosa of the Peruvian flora,
(Chilean)
which ~~also~~ (in Peru also) growing on shrubs and on
Meerdrago". ~~in Peru~~ ~~With~~ Now this was
a mistake, it exists for the specimens
and also for the figures. Whether the
scales are ~~[illegible]~~ usually entire or only
different to discover, I can not say — in
the 8 or 10 flowers carefully examined
I could not always discover them, especially
when the dried specimen — was soaked —
with the exception of the smaller flowers —
in distinct scales. I find no difference for

5291

the other forms mentioned above. I am not aware that any other botanist has collected it since Berg & Schomburgk

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Lagrammeria

§. 2. Obtusilobae

Styles slender, usually capillary; flowers large or small, usually thin, membranaceous; scales absent in one species; lobes of calyx & obtuse — all but the last species; corolla short in the first, long, cylindric, with short lobes — the last species; style short — the first, very long — in the last species. Capsule opening irregular or nearly so in ~~[illegible]~~ late; ~~in the last species is doubtful~~ corolla or appendages

§. 3. Leptolobae

Styles slender, usually capillary, pl. comparatively small, membranaceous; st. abs in last sp. lobes of lit & Cor. ~~acutish~~ commonly ~~usually~~ narrow, elongated, usually acute or acuminate, as long or longer than the tube. Corolla late, usually shallow tube. Appendages irregular or rather regular opening by nearly [illegible] pores

Exserted or covered by the corolla

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and Dispersed

Epistigma

Astylae

This peculiar group, ~~which perhaps would~~ deserve to be raised into a separate section ~~from~~ is the connecting link between Leptomeria and Calliacanthe; the flowers are distinctly pedicelled* & they have elongated slender or subulate stigmata almost sessile or with a very short style; the ~~foramen intrastylar~~ formed by the conic elevation of each half of the ~~ov~~ ovary. The foramen intrastylar of the capsule is distinct, ~~and of the~~ chamber or transverse (opposite to the direction of the dissepiment).

The Capsule separates from ~~the~~ base transversely with a wide (C. pedicellata) or a very small (C. arabica, C. parkinsonii) opening, leaving as in Leptomeria the ~~Dissepiment~~ emarginate adhering to the base. The separation takes place only at complete maturity of Capsule and forms a ragged line, and not a real joint with thickened edges as in Leptomeria. The ~~dry~~ withered corolla closely coats the capsule.

The ~~species~~ species belonging here are all asiatic; only C. Arabica extends into Egypt where it seems to be the much commonest species.

* The distinctly pedicelled flowers are disposed in more or less loose umbelliform clusters, not flowered or crowded

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C. varicosus

var. ε? nuda; C. citrifolia Schlecht. Linnaea 22 p. 808? Lobes of glandular calyx ~~oblong or~~ ovate only as long as the tube of the corolla; ~~lacerate~~ ovate ~~acutish~~ obtuse, reflexed at the apex, as long as tube, reflexed; styles as long as ovary, ~~at last~~ ~~divaricate at the apex~~ divaricate; (capsule ~~[illegible]~~ ~~what~~ depressed, glandulous, ~~[illegible]~~ at ~~lower part~~ covered by the corolla upper half free.

Brazil, near Rio Sellow! 4.99. B. and south Brazil, the same! in Hb. reg. Berol. Riedel! 990 in Hb. Hal. Petrop. —

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C. Gamosi

Var. β. lactiflora; C. Saxonica Engl.
l.c. p. 329 t. 6. f. 17–21 = Calyx nearly
membranous; lobes as long as the equal length, shallow
tube of corolla; scales narrower and
stamens not exserted; Massachusetts to North Carolina
fl. with cast. spring; other range more southerly, Illinois,
and Missouri.

Var. γ. adyptata; C. Bonariensis
Hort bot. Britten; C. Chilensis H. D. Fitz.
Carsruh. al.
al. not Kun. — Similar to the first form,
flowers even deeper coloured, with
larger & very loose (especially glandular) corolla
running on top of capsule. — Western Louisiana, Greg., Texas Lindh.
— Cultivated in Lond. Bot. Garden
& Germany (seed

Var δ.? curta. . C. umbrosa Hook l.c. ~~in part~~,
~~as to the western specimens~~, — Shape of flower similar
~~to the~~ var α ~~and γ~~, glandular,
flowers smaller, 1/4 lines long, ~~deeply~~
~~corollate~~, glandular; calyx and short broad
oval laciniae half as long as the deeply corollate
tube; anthers white — triangular; scales very
short, adpressed to the tube, bifid or truncate
styles — 1/3 or 1/4 the length of the corolla, ovary
capsule oval, with a very large interstyle opening
seeds few, large (nearly 1 lin long) compressed
roundish, rostrate with a very small oblong tuber
hilum. — Northwest Louisiana, Douglas!
the Hooker, Fremont! (1845) 79 in Herb. Torrey.
Further investigation may prove this to be a
distinct species.

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Var. ε? cristata: pedicels stout, thick calyx as long as tube of corolla, or longer; lobes ~~strongly~~ imbricate, broadly ovate-obtuse, with very conspicuous glandular ~~warty~~ keels; spreading lobes of corolla as long as tube, scales large spatulate inconcave, ovary large, with short style; glandular capsule depressed, lower half covered by the corolla, upper part naked. — (La Plata, Lagos de Turuman) Tweedie 1191 in H. Hooker. This if really belong here would be the only South American form of ~~this species~~ C. Gonoii; it is possible however that it ought to be referred to ~~one of the~~ C. sarmentosa, var Mida

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over

Sect 5. Chaetogrammia

Styles of unequal length, subulate or cylindric. Capsule ~~circumscissile by a regular point only in C. Jalapensis~~ commonly ~~opening transversely~~ ~~bent~~ with a more or less irregular, ~~not thickened~~ line, ~~without~~ without thickened edges; in C. Jalapensis regularly ~~usually~~ only one or a few in each capsule, rounded or flattened, truncate at base or hooked, ~~with a~~ hilum forming a transverse, or oblique, rarely ~~lateral~~ perpendicular line, or reduced to a point.

Inflorescence very variable, from loose ~~and compound~~ or very consisting of very few flowers only, or compound or umbelliform ~~racemose~~ ~~racemose or cymes~~ with pedicelled flowers, or compact clusters with subsessile flowers; ~~usually~~ with bracts at the base of each pedicel or flowers, or at least of the primary. The Capsule remains at base or on top of the capsule or completely envelopes it.

The numerous species of this section inhabit principally South America & Mexico, ~~extending into the U. States~~, only two (C. applanata & C. umbellata) extending into the south & southwest parts of the U. States; & two other species (C. chamaesyce & C. hypericifolia) inhabit Asia & tropical New Holland, extending into eastern Africa.

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MISSOURI BOTANICAL GARDEN

over

5296

~~Chaetogyne~~ in

Sect. 1. Subulatae.

Styles thick & short subulate from a broad base ~~with a short~~; flowers mostly large; scales of a firm texture absent in the first species ~~of the~~; ~~in the~~ " " " " 4 first species the lobes of the calyx are orbicular, strongly imbricate and the lobes of the corolla obtuse broadly ovate and in the two last species the lobes of calyx & corolla are acute; in all but the first the corolla envelopes the whole or the greater part of the ripe capsule. The capsule generally opens by irregular transversal rent, but in C. Palmeri it opens by an irregular split with thickened edges.

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C. Aamuvan

C. Campanulata Nutt		Surinam	cal. middle		1.5
C. granulosa	HBK	Cumana	cal thin	st. incl.	1.3
C.	Selymum	Schei	in sepiboss	cal thin	st. ex. 1.5
C	" 351	Schei	i sabahonis	" " "	1.5
C	Blanchet 85.	M	les buissons	cal middle	st. long ex. 1.3
C.	Hostman 464	Surinam	" "	incl.	1.3
C. leiolepis	Gregg.	Mazatlan	cal middle	inc	1.2
C. glandgerta	Benth.	Acapulco	cal middle	ex.	1.4
C. globulosa	"	"	fism.	ex.	1.8
C.	Ehrenberg	Haiti	middle	ex	1.3
C	Poiteau	"	thin	ex	1.7
C.	"	" on Bigum.	fism.		1.5
C	Sieber 91.	Martinique	thin	ex	1.4
C.	Gardner 1775	Brazil	thin	i	1.3
C	Weddell 2208	Goyaz	fism		1.4
C	Blanchet 736.	Brazil	thin	i	1.3
C.	Linden	Yucatan	leiolep	fism.	i 1.2
C.	Linden 1994	Cuba	fism	i	1.7
C	Schlechtendal	Antigua	thin	ex	1.7
C	Karsten	Venezuela	fism.		1.2
C	Funck 2069	"	fism		1.3

Cing

Dans ces cas ces genres
sont très difficiles à bien
séparer le seul moyen sûr est
l'examen de la surface du stigmate

52.97

Euoncocta
longistylae
1. Babylonica Auch.
2. Epithymum Lin
3 Abyssinica Richard
4 planiflora Tenore
5 Palaestina Boissier
brevistylae
6 Canopea Lin
7 Kurdica Cogn.
8 Persica Decne Cogn
9 Cilicum Weike

Epistigma
10. Kotschyana Boissier
11 Pulchella n sp.
12 pulvillata Ledeb.
13 Arabica Trecul

Cleistocoma
14 capitata Roxb.? Cogn

Pachystigma
15 angulata n. sp.
16 nitida C. Meyer Chois.
17 Africana Thunb? Chois.

Eucnemogrammica
18 grandiflora HBK
19 odorata R&P. & var Boliyoides
20 Jalapensis Schl.
21 ~~Chilensis n sp~~ Chilensis Kew
22 Trulonii Mart Mss
23 applanata n sp.

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