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BOTANICAL NOTEBOOKS

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Cuscuta

Vos Cuscutas ont fait sensation en Allemagne, car j'apprends que M. Archenon vient d'en donner une traduction latine ... J'y applaudis de grand coeur, car je suis un de ceux qui trouvent que c'est un très-bon travail, fait dans un très-bon esprit.

J. Gay Sept 26 1860

This treatise gives a very complete account of the Dodders — — — It will thus be seen that this is a valuable contribution to systematic botany — — — Gardener's Chronicle Dec. 1<sup>st</sup> 1860 p. 1063.



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4297

Grass

*[Faint, illegible handwritten text, likely bleed-through from the reverse side of the page]*

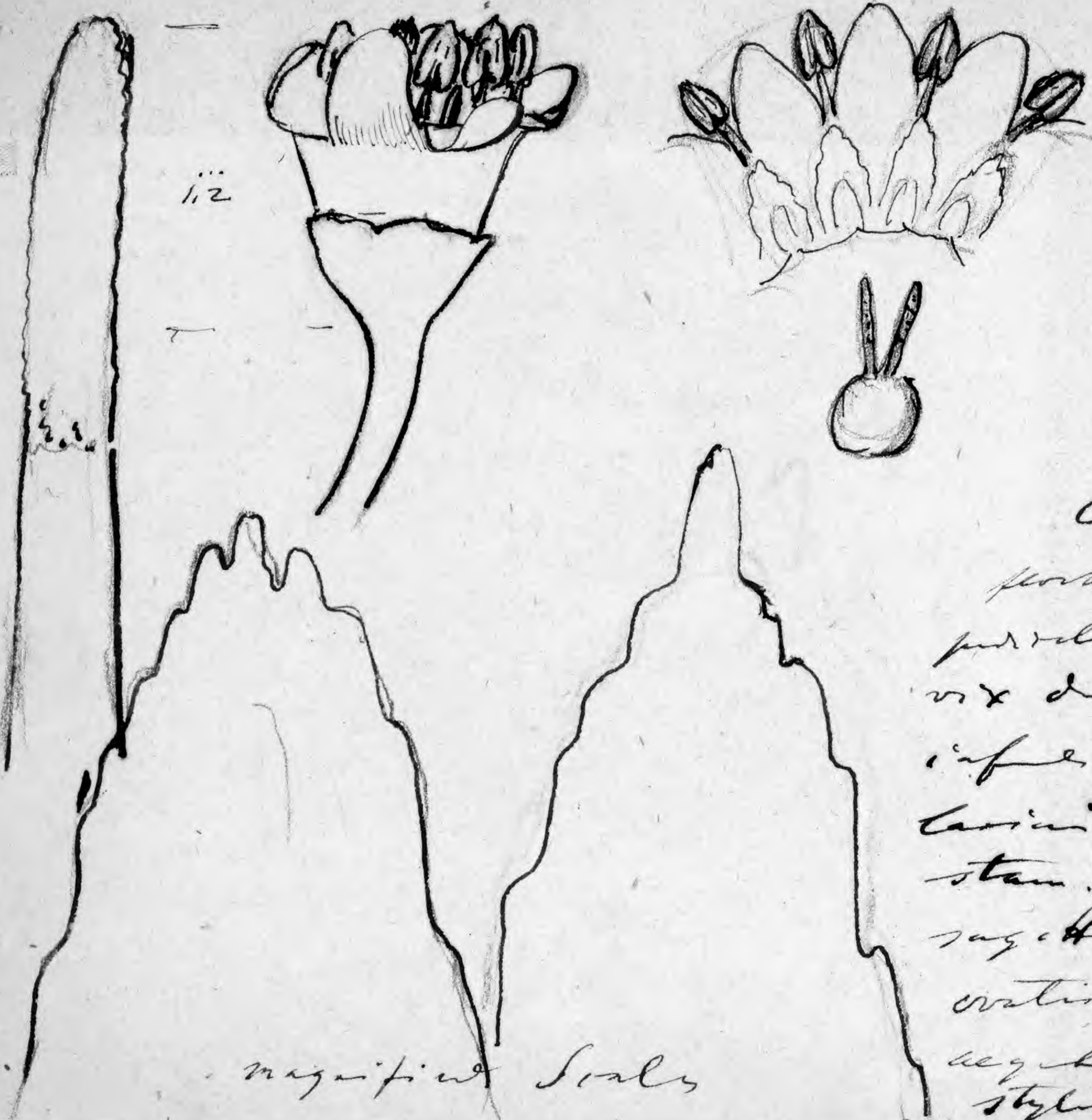
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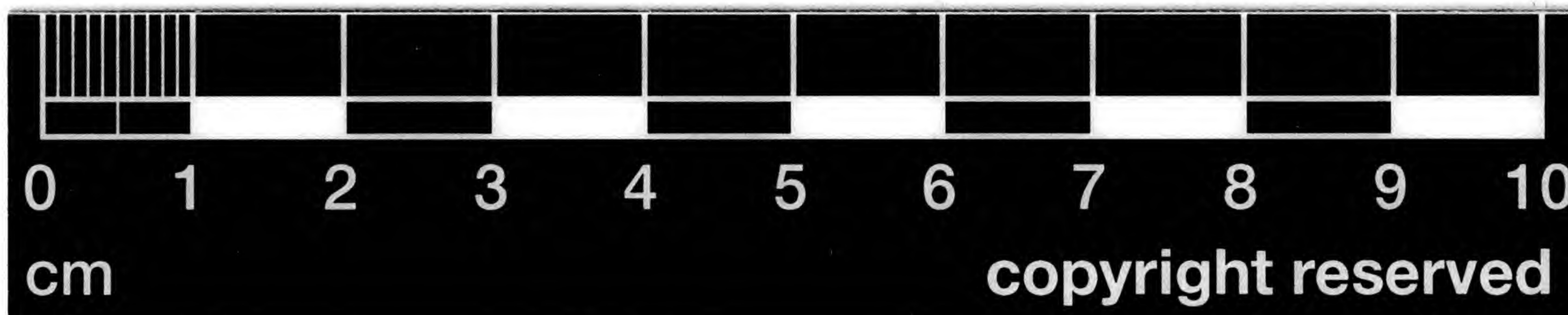
1/2

magnificent scales

*Curanto Babylonica* Aucher  
 Cloy N. exs. mss.  
 N<sup>o</sup> 1420 & 2183.  
 Bagdad.

Tigris near Kett. Noë  
 - H. Griseb.  
 & H. Paris

Caules filiformi rariusculo,  
 foliis imbellatis - glomeratis,  
 pedicellatis, calyce cupulato truncato  
 vix dilatato, membranaceo, tubo corollae  
 infero tubiformi multo brevioribus; lobis  
 laciniis ovatis obtusis patulis, tubo  
 stam. aequi longis, antheris apiculatis  
 sagittatis filamentis aequilongis; squamis  
 ovatis acutis integerrimis, fere  
 aequalibus medio affixis;  
 stylis crassis ovario globoso pullo



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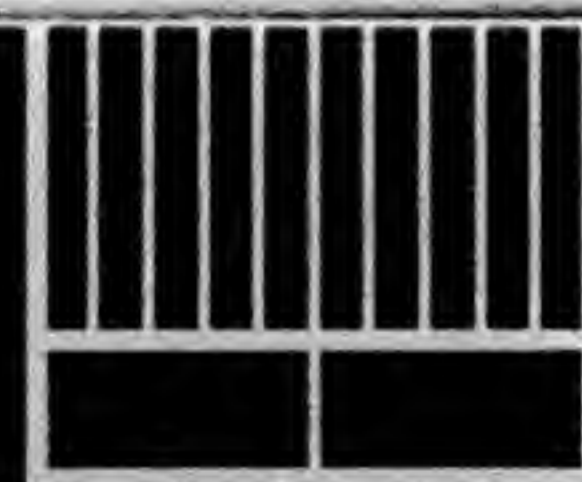
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*Longirivibea*



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Cuscuta stigm. teret

I. Stylis stigmatibus <sup>longioribus, longis</sup> ~~subaequalibus~~

(floribus sessilibus s. subsessilibus  
a. stylis ovum brevibus s. em-

1. C. Epilinum aequalibus

2 C. Europaea

3 C. Kurdica

4 C. brevistylis

5 C. ~~peruviana~~ <sup>peruviana</sup> ~~critica~~

6 C. globulosa b. stylis ovum plus minus longioribus

7. C. planiflora

approximata

alba

caucasica

8 Schimyziana

8 C. macrostylis

9 C. meridionalis rubricaulis

10 C. Epithymum

II floribus pedicellatis, stigmatibus  
brevis attenuato

11 C. rosea

III. flr. pedicellatis Calycem truncato

12 C. elegans

13 C. belyonsta



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IV. Stylis subnullis, stigmate  
subsessile fl. plus usum  
pedunculat

14. Koldhygen

15. Arabida

16. pulchella

17. pedunculata

V. Casata hemisphaerica aestivalis  
stigma, testibus ~~incompletis~~  
stilo crenatis.

18. ~~pentagona~~ angularis

19. nitida

20. africana

p. cal. brevior

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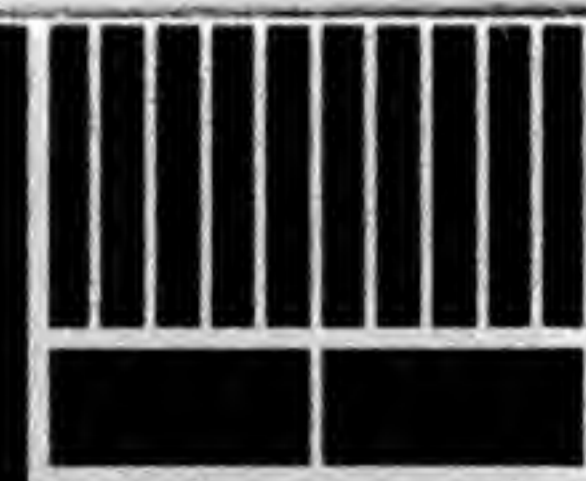


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Currents Epibotrys 1. C. Angulopogon Uva Caribata  
is C. Epithymum ———— var. Burchii, tuberosa  
& Guadalupe ————

Observed by A. Don 1835 without flowers  
long (1 foot) much branched fine beard — pedicel  
— evidently altered from the common appearance  
No flowers therefore doubtful whether Epithymum  
or Curupa ———— supposed to be the latter by some

The herbal or general history of plants  
gathered by John Gerard 1597  
p. 726 3. Uva Caribata, Laced or bearded grapes  
find in Grecia, Morca, Gante etc. " not unlike unto



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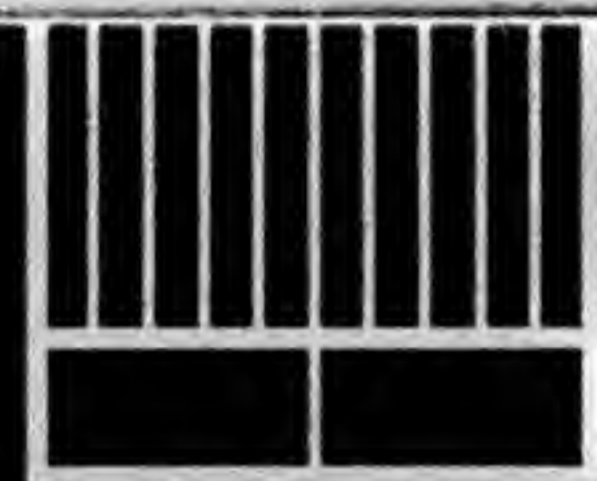
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that ~~which~~ that groweth upon Flaxe which we  
call Dodder or Podagron Lini; whereof is made  
a blake wine which is called Greeke wine  
yet of the taste of Secke"

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calyx large obconic, corolla almost included. limb  
only in fl. patulous; ~~style~~ scales dentate  
style longer than large ovary, half or more than  
half stigmatose flower 1/2 - 2 lines long  
very numerous

The 3 species from Dithyria (128) *Asia minor* (152) and  
*Suzona* (143) also belong here; they have rather smaller  
flowers, especially the plant from *Suzona* 1/4 li long  
calyx lobes more deeply divided, more fleshy, less  
membranaceous; 128 approaches nearest to  
the first set than the others — style long in all;  
in the *Suzona* plant (143) perhaps longer than usually in  
this species

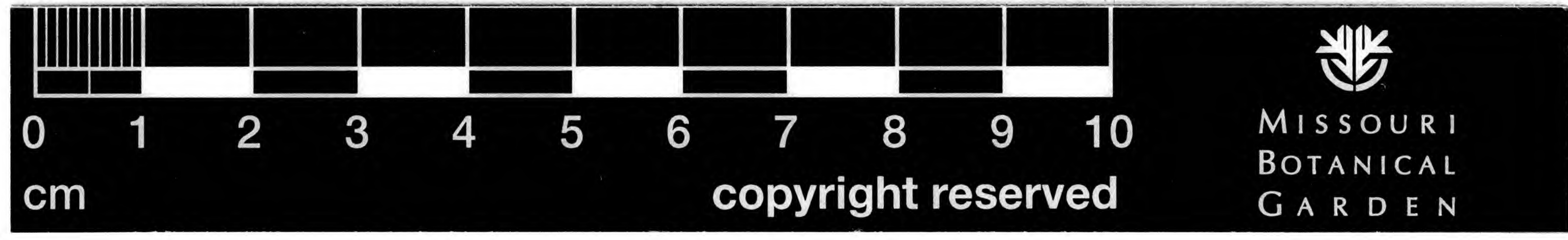
Himalaya, Hügel (196) can only be distinguished by the scales  
being a little more deeply lacinate — style same

mountain ~~plant~~ fl. which is certainly the same thing —  
fl. about 1/4 - 1/2 l. long — Schimper, *Siam Nevada* also

*C. capitata* Caucasus, Altai & Himal is the same; fl  
sometimes smaller; — 1/4 - 1/2 li long, rarely only  
1 li long, and heads smaller

<i>C. microcephala</i> (probably <i>var. alba</i> Desm.)		} fls. small flowers 1 line or 1/2 less fil. 2/3 divided lobes <del>oblong</del> fleshy. lobes of ov. <del>obovate</del> Style small dentate style as long as thick wing or longer slender
150 Palermo	156 Almeria	
186 Sardinia	187 Malaga	
	188 Portugal	
	149 Mauritania	
189 Corsica	192 Canaries	
	177 "	

fl. *parviflora* 154 Portugal



Intermediate between alba & <sup>usually (except Caucasus)</sup> approximata  
 fls as large as the former, heads less dense & smaller,  
 calyx <sup>shorter</sup> more carinose, lobes more deeply divided,  
 but corolla not coriolate; styles long —  
 belongs properly to C. approximata

- |       |     |           |     |            |
|-------|-----|-----------|-----|------------|
| here: | 169 | Parnassus | 207 | Egypt      |
|       | 127 | Amelia    | 152 | Asia minor |
|       | 145 | Thracia   | 143 | Smyrna     |
|       |     | maedonia  | 164 | Syria      |

in all these the scales are large, incurved, & the

Schimper 160 & 165 is a peculiar form, allied to alba  
 505? lobes cal. corollae acutius angustis, stylis ~~longis~~  
 ovarae aequales, squamis perispermis

161 Thracia

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Thracia is distinct

145 Carlowa, Thracia appropinquat Epithymae by long styles  
 and ~~antrolata~~ reflexed points of sepals  
 133 Egypt 120 Picentia 132 Germany 127 Amelia 169 Greece  
 & 143 Smyrna have style much longer than ovary.  
 138 Spain, 128 152 As. minor 167 & x Caucasus ~~207~~ Egypt 164  
 Syria 207 Egypt & 169 Thracia. have styles  
 longer than ovary  
 161 Persia style scarcely as long as ovary —  
 other differences in the scales, with one short  
 one divided, or long, incurved



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1. Cust. p. 461

*C. Babylonica* Auchen

N<sup>o</sup> 1420 & 3183

Choirs. Cust. p. 174

to l. J. l.

de Prade IX. 457

173

Tigris

*C. pedunculata* Kotschy - pl. 1070.

388. a.

Kundist - Monte

Gara

on the Tigris, Noë

Bagdad Auchen

(Enclosed 1-2)



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1850 x 312

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also Boiss. *Carolina* - H. C. G. 4

*Cuscuta inflexa* var *Carolinensis*  
Rahway, New Jersey  
Heuser - H. A. D. 200

*C. Mulleri*, Strail in Bull. Soc. Bot.

de Belgique II (1863) p. 322

as Tripl. with *C. Triplii* seems to

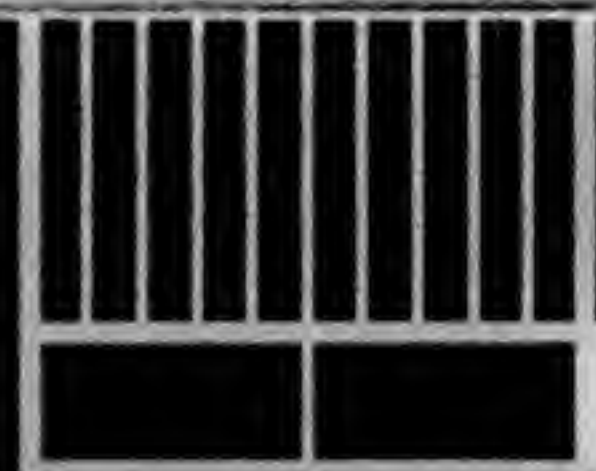
be *C. planiflora* var *approximata*

~~Caryophyll 8-9~~

~~Panicum 4~~

~~in d. P. d. 9~~

~~in d. P. d. 7~~



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~~Microscops~~

~~E. Gundlach Verlangerte Ritter  
Trafse 26.~~

~~Schick, Mannheim~~

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~~Hall's Phyt 14~~

Schick

~~Modum~~



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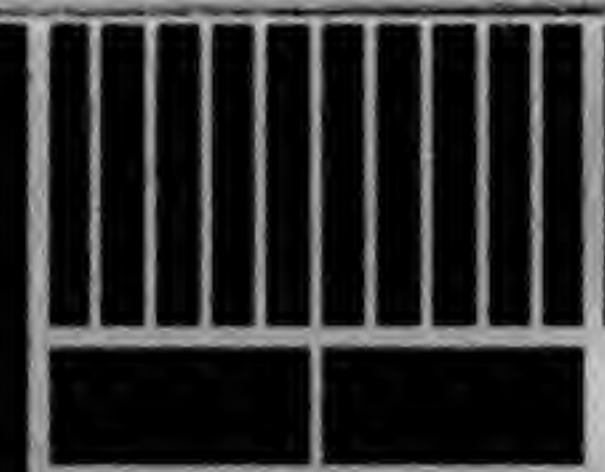
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Cuscuta Poissierii J. E. Stocks in Hook jour New Gard  
Misc. IV. 173. Welf. Ann V. 537. C. Arabica Wright.  
= C. hyalina Roth - Eng Cusc. p. 490



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*Grant's description: B. B. ...  
Missouri Botanical Garden  
15-C ...*

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*Inflorescens of Cuscuta kassiana*

H. Mohl in *Bot Zeit* Jan 1844 p. 6



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43 C. floribunda HBK!

Monte Titla, Nov. Hispan. Humboldt  
: Hb. reg. Berl.

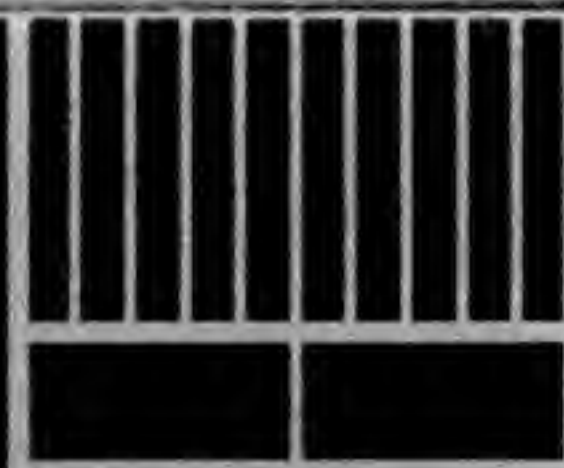
C. floribunda Hb. Sprengel (nunc Leonhardt) =

44 C. prismatica Pav. Chois! Guayaquil, Peru, Hb. Pavon  
non Boissier  
Guayaquil, Peru, Haenke :  
Hb. Bohem. Mus.

C. gracillima  
Jürgensen! = Hb. M. J. Par.

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Cusc. Inseengae Trin. (Lindl.)  
? = oblonga



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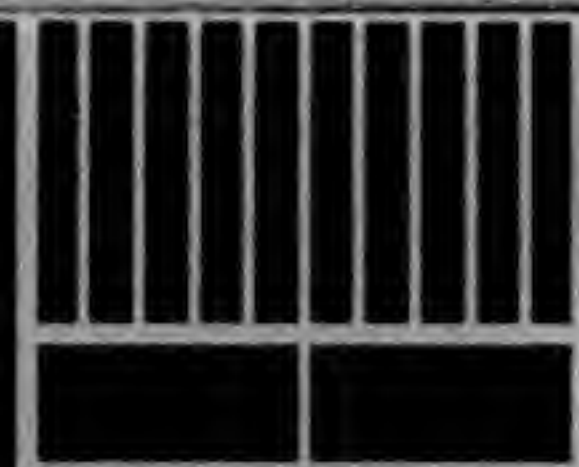
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