

London Aug 24th 1842 ²⁵

My dear Sir

Being in town for a few days and
obliged to send off in a great hurry my "Solen-
naceae" to Dr Candolle which I have scarcely had
time to finish I can only send you the following
brief outline of what I have done as to it.

American species

1. *Paley*

1. *P. latifolia* ovarii loculis ovulatis
10. *P. paniculata* Linn including *undulata* Ait *Schumannii*
Lehm *reabra* Swt, *cordata* Ellwitt?
2. *P. acuminata* Pursh - *P. corymbosa* Swt?
3. *P. maculata* Linn - *latifolia* Mich *pyramidalis* Ten.
4. *P. triflora* Mich (nithi ignota)
5. *P. carolina* Linn.
a. *ovata* *P. ovata* Linn
b. *nitida* *P. nitida* Pursh *P. ruffronstrica* Willd.
c. *puberula*
6. *P. globerrima* Linn - *P. carnea* Linn
7. *P. floridana* sp. n. Florida Chapman like *globerrima* but corymb
glandula. downy and calyx nearly of *P. pilosa*
8. *P. neptunus* Mich *P. stolonifera* Don & May
9. *P. divaricata* Linn *P. canadensis* Sweet
10. *P. pilosa* Linn
11. *P. acutata* Mich
12. *P. Drummondii* Hook
a. *pubulata*
+ Ov. loc. 1. ovulatis
13. *P. Sapini* Dougl.
14. *P. subulata* L. - *P. setacea* L
b. *latifolia* *P. procumbens* Lehm *forma hortensis*
15. *P. Hartwegii* Nutt 16. *P. coarctata* Nutt both unknown to me
17. *P. humilis* Dougl - perhaps *P. coarctata*
18. *P. Douglasii* Hook 19. *P. Hoodii* Richards 20. *P. Hoodii* a new sp. from
Douglas's last collⁿ

21. *P. Richardsonii* Hook
 22 *P. muscoides* Nutt unknown to me perhaps *P. speciosa*
 23 *P. longifolia* Nutt unknown to me perhaps *P. speciosa*
 24 *P. rhirica* L. 25 *P. speciosa* Pursh

- II *Collomia* (Pursh) *lanceolata* (Pursh) (Pursh)
 1 *C. nudicaulis* Hook et Arn
 2 *C. grandiflora* Dougl 3 *C. leucos* Nutt
 4 *C. gracilis* Dougl 5 *C. gibboides* Reuth 6 *C. glauca* Reuth

- III *Navarretia* (Pursh) *lanceolata* (Pursh) (Pursh)
 1 *N. americana* species:
 1 *N. pubescens* Hook et Arn.
 2 *N. heterophylla* - *Collomia* Hook *Contortia* Reuth. *Gilia* Sepi Don
 3 *N. cotyledifolia* Hook et Arn
 4 *N. intermedia* Hook et Arn 5 *N. squarrosa* Hook et Arn
 6 *N. atrorubra* Hook et Arn

- IV. *Gilia* (Pursh) *lanceolata* (Pursh) (Pursh)
 Sect I *Collomia* Dougl. End. or in *toruli* plura
 1 *G. pubescens* Hook et Arn
 2 *G. dimorpha* Hugelia Reuth 3 *G. elongata* - Hugelia Reuth
 4 *G. virgata* Hugelia Reuth
 Sect 2 *Pseudo collomia* or in *toruli* solitaria
 5 *G. lutea* Hugelia Reuth

- Sect 3 *Gilia* or in *toruli* plura
 1 *G. pubescens* Hook
 2 *G. congesta* Hook 3 *G. achillapolia* Reuth. *Waltersii*
 4 *G. capitata* Dougl. 5 *G. multicaulis* Reuth 6 *G. achillapolia* Reuth 7 *G. achillapolia* Reuth
 8 *G. bicolor* Reuth 9 *G. multiflora* Hook et Arn
 10 *G. incognita* Dougl. 11 *G. caesia* sp. Texas Drum 12. 459.
 13 *G. rigidula* sp. n. Texas *Reichardii*

- Sect 4 *Paenopsis* or plura
 14 *G. arenaria* Reuth 15 *G. sinuata* Dougl. *near incognita* but long
 flowers etc. n. Palmaragon *outlet* *Chimborazo*
 16 *G. tenuiflora* Reuth 17 *G. pulchella* Reuth

- 22 *G. coronopifolia* Pers.
 23 *G. aggregata* Sprng (Contortia Reuth) and 24 *G. floridana*
 25 *G. don* Contortia Nutt and 26 *G. Beyrichiana* Reuth. all
 these unknown to me are perhaps the same as *G. aggregata*
 26 *G. longiflora* f. *don* (Contortia Reuth) unknown to me
 27 *G. glaucoscapula* Tuck is a Mexican plant
 Sect V *Dracoides* End. (Sengelia Reuth)
 28 *G. Dracoides* End. (Sengelia Reuth)

- Sect VI *Limnanthus* End
 29 *G. dichotoma* (Limnanthus Reuth)
 Sect VII *Dactylophyllum* Reuth or *tor* *gibbosa* ovalat.
 30 *G. uniflora* Reuth 31 *G. sparsa* Reuth
 Sect VIII *Microgilia* aff. *Dactylophyllum* or *tor* 1-ovulat
 32 *G. minutiflora* sp. n. from Douglas's last cell. fl. of
G. pubula or *near* 10 have mostly entire some palmated.

- Sect IX *Leptorhynchos*
 33 *G. grandiflora* *Leptorhynchos* *pauciflorus* Reuth
 34 *G. intermedia* L. Reuth Reuth
 35 *G. androsacea* *Leptorhynchos* Reuth
 36 *G. grandiflora* *Leptorhynchos* Reuth
 37 *G. densiflora* *Leptorhynchos* Reuth
 Sect X *Leptodactylon*
 38 *G. Hookeri* *Leptodactylon* *Hookeri* Dougl
 39 *G. californica* *Leptodactylon* Hook et Arn
 40 *G. pinnata* Contortia *very* unknown to me
 41 *G. pinnata*

- V *Polimonium*
 1 *P. reptans*
 2 *P. caeruleum* 3 *P. glaucum* *Reichardii* *Drummondii* Reuth
 many or in *P. caeruleum* have a station the same but seeds
 winged *near* *P. caeruleum*
 4 *P. capitatum* Ecklon? *P. Reichardii* Hook perhaps an
 artificial flowered var of *P. pubescens*
 5 *P. pubescens* Hook *Reichardii* *Drummondii* *P. pubescens*
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- Phorothera gracilis* var
 VI *Loeselia* *Leim* (*Hortia* *gr.*) Mexican 6 sp.
 VII *Contra* *gr.* *Caldonia* *Willd.* Mexican 1 sp.
 VIII *Contra* *gr.* *Peruviana* 6 sp.
 IX *Cobaea* *Cus.* Mexican 3 sp.
 Total *Polemoniaceae* 104 sp.

Paid 1/4
 J. W. Gray
 Cambridge
 Massachusetts
 U. S.

I will answer you but better more
 fully in a few days
 Your most devoted adherent
 21 Regent Street or near
 or Contrita, House, Bedford Grove, Acutlan



Bentham, George. 1842. "Bentham, George Aug. 24, 1842." *George Bentham letters to Asa Gray*

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