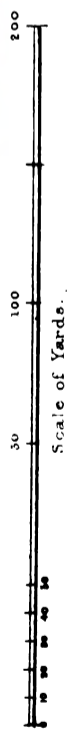


*W.C. Hooper*  
 Plan of the  
*J.P. S. Co. Botanic Garden at*  
**SAHARUNPORE.**

J.F. Royle, Superintendent 1831.



- REFERENCES.**
- 1 *Linnæan Garden.*
  - 2 *Medicinal Garden.*
  - 3 *Agricultural Garden.*
  - 4 *Horticultural department.*
  - 5 *Doab Canal Tree nursery.*
  - 6 *Nursery for hill Plants.*
  - 7 *Artificial Rock work for Plants.*
  - 8 *Conservatory.*
  - 9 *Nursery for Fruit Trees.*
  - 10 *Cuttings.*
  - 11 *Seedlings.*
  - 12 *Bulbous Plants.*
  - 13 *Tool House.*
  - 14 *Bullock Shed.*
  - 15 *Chabutra.*
  - 16 *Tanks.*
  - 17 *Wells.*
  - 18 *Gardeners House.*
  - 19 *Mill & Cut from Doab Canal.*
  - 20 *Animal & Vegetable compost grounds.*
  - 21 *Hindu Temple.*
  - 22 *Sattce monuments.*
  - 23 *Samats.*
  - 24 *Gates.*



*J. Gardner & Son, London.*

**ILLUSTRATIONS**  
OF THE  
**BOTANY**  
AND  
**OTHER BRANCHES OF THE NATURAL HISTORY**  
OF THE  
**HIMALAYAN MOUNTAINS,**  
AND OF THE  
**FLORA OF CASHMERE.**

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**VOL. II.—PLATES.**

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**By J. FORBES ROYLE, M.D., V.P.R.S.,**

LATE OF THE MEDICAL STAFF OF THE BENGAL ARMY;

*Fellow of the Linnean, the Geological, the Horticultural, and the Royal Asiatic Societies of London; of the Asiatic and Medical Societies of Calcutta; Member of the Imperial Society Naturæ Curiosorum, &c. &c.; late Superintendant of the Honourable E.I. Company's Botanic Garden at Saharunpore;*

PROFESSOR OF MATERIA MEDICA AND THERAPEUTICS, KING'S COLLEGE.

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**LONDON:**  
**W. H. ALLEN AND CO.,**  
LEADENHALL STREET.

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**1839.**

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## LIST OF PLATES.

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FRONTISPIECE.—View of the Himalaya Mountains, vicinity of Almorah.

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Section of the Himalayas from Sidowra to the Shatool Pass, Pl. 1, No. 1.

Section of the Himalayas from Saharunpore to the sources of the Jumna and Tonse, Pl. 1, No. 2.

Elevation of the sources of the Ganges.

Section of the Coal Formation from Pachte to Chinnakooree, on the Damooda, Pl. 1, No. 3.

Section of the Central Range of India from Shergatty to Roghonautpore, Pl. 1, No. 4.

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### FOSSILS.

From the Burdwan Coal Formation.—Plants.—Pl. 2.

*Vertebraria indica*, figs. 1, 2, 3.

*Vertebraria radiata*, figs. 5, 6, 7.

*Tryzigia speciosa*, fig. 8.

*Pecopteris Lindleyana*, fig. 4.

*Glossopteris danæoides*, fig. 9.

Himalayan, from the N.E. of the line of Snowy Peaks, Pl. 3.

Fig. 1. Skull of a fossil Antelope.

2. Lower Jaw of a fossil Deer.

3. Fossil Tooth of a Rhinoceros.

From the elevated Valley of the Spiti, N.W. of Kunawur—Shells—Pl. 3.

Fig. 16. *Astarte*.

19. *Avicula*.

22. *Ammonites*.

25. *Belemnites canaliculatus*.

17. *Arca v. Cucullæa*.

20. *Terebratula v. Atypa*.

23. *Delthyris?*

26. *Belemnites canaliculatus*.

18. Undetermined.

21. Another species.

24. *Ammonites*.

27. *Belemnites sulcatus*.

From the marle of the Sub-Himalayan, or Sewalik range on the S.W. or plainward base of the Himalayas.—Pl. 3.

Fig. 4. Back view of a Fish's tooth  
(*Squalus?*).

7. Saurian tooth, Crocodile,  
(*mugger*) half-inverted view.

10. Saurian, apparently back  
cheek tooth, front.

13. Tooth of *Anthracotherium*,  
0·6 of an inch.

5. Front view ditto.

8. Side view of ditto.

11. Saurian, apparently back  
cheek tooth, side.

14. Tooth of ditto, broad end,  
0·4 by 0·36 inch.

6. Bone of a fossil Fish.

9. Saurian tooth, Crocodile,  
(*mugger*).

12. Tooth of *Anthracotherium*,  
0·6 inch.

15. Tooth of ditto, 0·4 by 0·6  
inch.

FOSSILS.—continued.

Pl. 6.—From the Sandstone of the Sewalik, or Sub-Himalayan Hills.

Fig. 1a. Head of *Sivatherium giganteum*, one-sixth nat. size.

b. Upper jaw.

c. View of the occiput, with the core of one of the posterior horns, one-eighth nat. size.

d. View of the outside of the left lower jaw.

(c. and d. by Col. Colvin).

2. Right half of upper jaw of a fossil Monkey, found by Lieuts. Durand and Baker, nat. dim.

3a. b. Plan and elevation of *Rhinoceros Sivalensis* (Cautley) one-fourth nat. size.

4a. b. Skull of *Hippopotamus Sivalensis* (Cautley) one-sixth nat. size. c. Molar tooth of another.

5a. b. Plan and elevation of fossil Ox, one-eighth nat. size.

6a. b. Plan and elevation of var. fossil Ox, one-eighth nat. size.

7a. Incisor of a fossil Horse. b. Crown of ditto.

MAMMALIA.

*Lagomys Roylei* (Ogilby), in plate named *alpinus*, Pl. 4.

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Birds of Tropical Forms in N. India and the Himalayas during the rainy season, Pl. 7.

*Certhia Goalpariensis*. *Eurylaimus Dalhousiæ*. *Pitta Brachyura*.

Birds of European Forms in the Himalayas, Pl. 8.

Fig. 1. *Garrulus bispecularis*. 2. *Carduelis caniceps*. 3. *Turdus (albicollis in Plate) albocinctus*.

INSECTS.

|             |   |              |   |
|-------------|---|--------------|---|
| COLEOPTERA. | <i>Cetonia Roylei</i> ... .. Pl. 9, fig. 1. | LEPIDOPTERA. | <i>Papilio Machaon</i> ... .. Pl. 10, fig. 4. |
|             | <i>Geotrupes orientalis</i> ... — 2.        |              | <i>Paphia Parakekta</i> ... .. — 3a,&b.       |
|             | <i>Onthophagus phanæoides</i> — 3.          |              | <i>Campylotes histrionicus</i> — 1.           |
|             | <i>Lucanus lunifer</i> ... — 4.             | ORTHOPTERA.  | <i>Mantis Roylei</i> ... .. — 5.              |
|             | <i>Lamia Wallichii</i> ... .. — 5,6.        | HYMENOPTERA. | <i>Dirhinus Himalayanus</i> ... — 8.          |
|             | <i>Porus ochraceus</i> ... .. — 7.          | HETEROPTERA. | <i>Scutellera pulchella</i> ... — 6.          |
|             | <i>Aphodius irregularis</i> ... — 8.        |              | <i>Megarhynchus transversalis</i> — 7.        |
|             | <i>Anisotelus bimaculatus</i> — 9.          | HOMOPTERA.   | <i>Cicada sulphurea</i> ... .. — 2.           |
|             | <i>Elater cyanopterus</i> ... — 10.         | DIPTERA.     | <i>Hippobosca maculata</i> ... — 10.          |
|             | <i>Ripiphorus apicalis</i> ... — 11.        |              | <i>Nycteribia Roylei</i> ... .. — 9.          |
| DERMAPTERA. | <i>Forficula macropyga</i> ... — 12.        |              |   |

Ground Plan of the Saharunpore Botanic Garden.

ALPHABETICAL LIST OF A HUNDRED AND NINETY-SEVEN PLANTS, FIGURED.

|                                      | Plate.     | Fig. |  | Plate.     | Fig. |
|--------------------------------------|------------|------|--|------------|------|
| Abies Pindrow ... ..                 | 86         | 1    | Delphinium Cashmerianum ... ..         | 12         | —    |
| Aceras angustifolia ... ..           | 87         | 1    | Dendrobium alpestre ... ..             | 88         | 2    |
| Aconitum heterophyllum ... ..        | 13         | —    | Deutzia corymbosa ... ..               | 46         | 2    |
| Amphicome arguta ... ..              | 72         | 1    | Dictamnus Himalayanus ... ..           | 29         | —    |
| Andromeda fastigiata ... ..          | 63         | 1    | Didymocarpus macrophylla ... ..        | 70         | 1    |
| Andropogon Calamus Aromaticus ... .. | 97         | 3    | Dolomiaea macrocephala ... ..          | 57         | —    |
| Anemone discolor ... ..              | 11         | 1    | Echinops nivea ... ..                  | 56         | 1    |
| Aplotaxis gnaphaloides ... ..        | 59         | 1    | Edwardsia mollis ... ..                | 32         | 2    |
| Aquilaria Agallocha ... ..           | 36         | 1    | Elæagnus parviflora ... ..             | 81         | 1    |
| Arenaria festucoides ... ..          | 21         | 3    | Epilobium laxum ... ..                 | 43         | 2    |
| Aster angustifolius ... ..           | 58         | 1    | Eremostachys superba ... ..            | 74         | —    |
| Astragalus Grahamianus ... ..        | 36         | 2    | Eriocaulon Sollyanum ... ..            | 97         | 1    |
| —— leucocephalus ... ..              | 33         | 2    | Eriocycla nuda ... ..                  | 51         | 2    |
| Balanophora dioica ... ..            | 78 a or 99 | 2    | Euphorbia Cashmeriana ... ..           | 82         | 4    |
| Begonia echinata ... ..              | 80         | 1    | —— humilis ... ..                      | —          | 2    |
| Bieberstenia odora ... ..            | 30         | —    | —— nana ... ..                         | —          | 3    |
| Burmannia cœlestis ... ..            | 91         | 1    | —— pentagona ... ..                    | —          | 1    |
| Butomus lanceolatus ... ..           | 95         | 1    | Eurya acuminata ... ..                 | 24         | 1    |
| Calimeris flexuosa ... ..            | 58         | 2    | Evonymus echinata ... ..               | 31         | 1    |
| Campanula Cashmeriana ... ..         | 62         | 1    | Falconeria insignis ... ..             | 84a. or 98 | 2    |
| Caragana Gerardiana ... ..           | 34         | 1    | —— Wallichii ... ..                    | —          | 3    |
| —— (Genista) versicolor ... ..       | —          | 2    | Fritillaria Thomsoniana ... ..         | 92         | 1    |
| Cassia (Senna) lanceolata ... ..     | 37         | —    | —— verticillata ... ..                 | —          | 2    |
| Cedrela serrata ... ..               | 25         | —    | Gagea elegans ... ..                   | 95         | 2    |
| Cerasus cornuta ... ..               | 38         | 2    | Galatilla juncea ... ..                | 58         | 3    |
| Ceropegia Wallichii ... ..           | 66         | 3    | Gaultheria nummularioides ... ..       | 63         | 2    |
| Chaptalia gossypina ... ..           | 59         | 2    | —— tricophylla ... ..                  | —          | 3    |
| Chirita bifolia ... ..               | 70         | 2    | Gaylussacia vaccinaea ... ..           | 79         | 2    |
| Cimicifuga frigida ... ..            | 14         | —    | Gentiana contorta ... ..               | 68         | 3    |
| Circaea cordata ... ..               | 43         | 1    | —— coronata ... ..                     | —          | 1    |
| Cissus capreolata ... ..             | 26         | 2    | —— Kurroo ... ..                       | —          | 2    |
| —— rosea ... ..                      | —          | 1    | Geranium Lindleyanum ... ..            | 27         | —    |
| Codonopsis ovata ... ..              | 69         | 3    | Glossopteris danæoides (Fossil) ... .. | 2          | 9    |
| —— rotundifolia ... ..               | 62         | 2    | Gossypium arboreum ... ..              | 23         | 2    |
| Conocarpus latifolia ... ..          | 45         | 1    | —— herbaceum ... ..                    | —          | 1    |
| Corvisartia indica ... ..            | 60         | 1    | Grewia elastica ... ..                 | 22         | —    |
| Corydalis Cashmeriana ... ..         | 16         | 1    | Gymnandra Cashmeriana ... ..           | 73         | 3    |
| —— Govaniana ... ..                  | —          | 2    | Hermidium gramineum ... ..             | 87         | 3    |
| Crocus sativus ... ..                | 90         | 1    | Holostemma Brunoniana ... ..           | 66         | 2    |
| Cucumis Hardwickii ... ..            | 47         | 3    | Hordeum Ægiceras ... ..                | 97         | 2    |
| —— pseudo-Colocynthis ... ..         | —          | 2    | Hymenolæna Govaniana ... ..            | 52         | 2    |
| —— pubescens ... ..                  | —          | 1    | Hypericum Japonicum ... ..             | 24         | 2    |
| Cyathidium taraxacifolium ... ..     | 56         | 2    | Hypoxis minor ... ..                   | 91         | 3    |
| Cyananthus integra ... ..            | 69         | 2    | Impatiens bicolor ... ..               | 28         | 1    |
| —— lobata ... ..                     | —          | 1    | —— glandulifera ... ..                 | —          | 2    |
| Cyrtopera flava ... ..               | 88         | 1    | Iris longifolia ... ..                 | 91         | 2    |
| Dalibarda calycina ... ..            | 39         | 2    | —— Nepalensis ... ..                   | 90         | 2    |
| Daphne mucronata ... ..              | 81         | 2    | Isopyrum grandiflorum ... ..           | 11         | 3    |

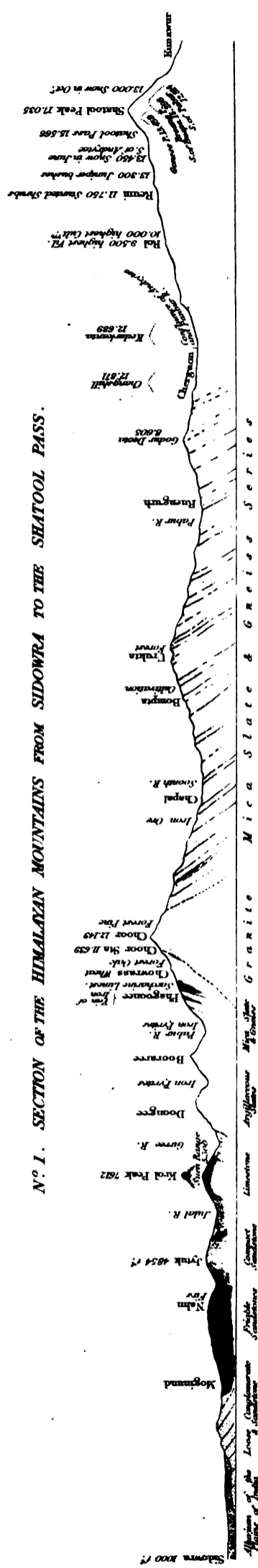
|  | Plate.     | Fig. |   | Plate.    | Fig.    |
|--|------------|------|---|-----------|---------|
| <i>Isopyrum microphyllum</i> ... ..              | 11         | 4    | <i>Primula rosea</i> ... ..               | 76        | 1       |
| <i>Kohautia coccinea</i> ... ..                  | 53         | 1    | <i>Prinsepia utilis</i> ... ..            | 38        | 1       |
| <i>Lantana dubia</i> ... ..                      | 73         | 2    | <i>Procris obtusa</i> ... ..              | 83        | 3       |
| <i>Leucostemma angustifolium</i> ... ..          | 21         | 2    | — <i>peduncularis</i> ... ..              | —         | 2       |
| — <i>latifolium</i> ... ..                       | —          | 1    | — <i>racemosa</i> ... ..                  | —         | 1       |
| <i>Ligularia arnicoides</i> ... ..               | 60         | 2    | <i>Putranjiva Roxburghii</i> ... ..       | 83a.or100 | —       |
| <i>Lloydia Himalensis</i> ... ..                 | 93         | 2    | <i>Pycnoclycla glauca</i> ... ..          | 51        | 1       |
| — <i>Kunawurensis</i> ... ..                     | —          | 3    | <i>Quercus dilatata</i> ... ..            | 84        | 2       |
| <i>Lonicera bracteata</i> ... ..                 | 53         | 2    | <i>Ranunculus polypetalus</i> ... ..      | 11        | 2       |
| <i>Lychnis fimbriata</i> ... ..                  | 20         | 2    | <i>Rheum spiciforme</i> ... ..            | 78        | 1       |
| <i>Lythrum Cashmerianum</i> ... ..               | 44         | 1    | — <i>Webbianum</i> ... ..                 | 78 or 99  | —       |
| <i>Meconopsis aculeata</i> ... ..                | 15         | —    | <i>Rhododendron anthopogon</i> ... ..     | 64        | 3       |
| <i>Morina Wallichiana</i> ... ..                 | 55         | 1    | — <i>lepidotum</i> ... ..                 | —         | 1       |
| <i>Mulgedium macrorhizum</i> ... ..              | 61         | 1    | <i>Rosa sericea (tetrapetala)</i> ... ..  | 42        | 1       |
| — <i>sagittatum</i> ... ..                       | —          | 2    | — <i>Webbiana</i> ... ..                  | —         | 2       |
| <i>Murdannia scapiflora</i> ... ..               | 95         | 3    | <i>Roscoea Alpina</i> ... ..              | 89        | 1       |
| <i>Myosotis moltkioides</i> ... ..               | 73         | 1    | — <i>lutea</i> ... ..                     | —         | 2       |
| <i>Myricaria bracteata</i> ... ..                | 44         | 2    | — <i>purpurea</i> ... ..                  | —         | 3       |
| <i>Nardostachys Jatamansi</i> ... ..             | 54         | —    | <i>Salvia hians</i> ... ..                | 75        | 2       |
| <i>Odina Wodier</i> ... ..                       | 31         | 2    | <i>Saxifraga ciliata</i> ... ..           | 49        | 2       |
| <i>Olea ferruginea</i> ... ..                    | 65         | 1    | — <i>imbricata</i> ... ..                 | —         | 1       |
| <i>Ophiopogon intermedius</i> ... ..             | 96         | 1    | — <i>ramulosa</i> ... ..                  | —         | 3       |
| <i>Orthanthera viminea</i> .. ..                 | 66         | 1    | — <i>spinulosa</i> ... ..                 | 50        | 2       |
| <i>Osmorhiza laxa</i> ... ..                     | 52         | 1    | — <i>stenophylla</i> ... ..               | —         | 1       |
| <i>Parnassia nubicola</i> ... ..                 | 50         | 3    | <i>Scabiosa speciosa</i> ... ..           | 55        | 2       |
| <i>Parochetus (communis) oxalidifolia</i> ... .. | 35         | 1    | <i>Sedum azureum</i> ... ..               | 48        | 2       |
| <i>Pecopteris Lindleyana (Fossil)</i> ... ..     | 2          | 4    | — <i>coccineum</i> ... ..                 | —         | 3       |
| <i>Pedicularis versicolor</i> ... ..             | 72         | 2    | — <i>linearifolium</i> ... ..             | —         | 1       |
| <i>Peristylus Goodyeroides</i> ... ..            | 87         | 2    | <i>Sibbaldia purpurea</i> ... ..          | 40        | 3       |
| <i>Philadelphus tomentosus</i> ... ..            | 46         | 1    | <i>Sieversia elata</i> ... ..             | 39        | 1       |
| <i>Phlomis Cashmeriana</i> ... ..                | 75         | 1    | <i>Silene Falconeriana</i> ... ..         | 20        | 1       |
| <i>Picrorhiza Kurrooa</i> ... ..                 | 71         | 2    | <i>Smilax maculata</i> ... ..             | 94        | 1       |
| <i>Pinus Gerardiana</i> ... ..                   | 85         | 2    | — <i>Villandia</i> ... ..                 | —         | 2       |
| — <i>Khutrow</i> ... ..                          | 84         | 1    | <i>Smithia ciliata</i> ... ..             | 35        | 2       |
| — <i>longifolia</i> ... ..                       | 85         | 1    | <i>Sonerila tenera</i> ... ..             | 45        | 2       |
| <i>Platystemma violoides</i> ... ..              | 71         | 1    | <i>Swertia alternifolia</i> ... ..        | 67        | 2       |
| <i>Polygala crotalarioides</i> ... ..            | 19         | 3    | — <i>cærulea</i> ... ..                   | —         | 1       |
| — <i>furcata</i> ... ..                          | —          | 2    | <i>Syringa Emodi</i> ... ..               | 65        | 2       |
| — <i>myrsinites</i> ... ..                       | —          | 1    | <i>Tauscheria desertorum</i> ... ..       | 17        | —       |
| — <i>tryphilla</i> ... ..                        | —          | 4    | <i>Thermopsis barbata</i> ... ..          | 32        | 1       |
| <i>Polygonum Brunonis</i> ... ..                 | 80         | 3    | <i>Thibaudia variegata</i> ... ..         | 79        | 1       |
| — <i>vaccinifolium</i> ... ..                    | —          | 2    | <i>Trillium Govanianum</i> ... ..         | 93        | 1       |
| <i>Populus ciliata</i> ... ..                    | 84a. or 98 | 1    | <i>Trizygia speciosa (Fossil)</i> ... ..  | 2         | 8       |
| <i>Potentilla Cautleyana</i> ... ..              | 40         | 1    | <i>Urania lagopoides</i> ... ..           | 33        | 1       |
| — <i>Inglisii</i> ... ..                         | 41         | 3    | <i>Uvularia Leschenaultiana</i> ... ..    | 96        | 2       |
| — <i>microphylla</i> ... ..                      | —          | 2    | <i>Vertebraria Indica (Fossil)</i> ... .. | 2         | 1, 2, 3 |
| — <i>pteropoda</i> ... ..                        | 40         | 2    | — <i>radiata (Fossil)</i> ... ..          | —         | 5, 6, 7 |
| — <i>Saundersiana</i> ... ..                     | 41         | 1    | <i>Viola Kunawurensis</i> ... ..          | 18        | 3       |
| <i>Primula elliptica</i> ... ..                  | 76         | 2    | — <i>reniformis</i> ... ..                | —         | 2       |
| — <i>obtusifolia</i> ... ..                      | 77         | 1    | — <i>serpens</i> ... ..                   | —         | 1       |
| — <i>purpurea</i> ... ..                         | —          | 2    |   |           |         |



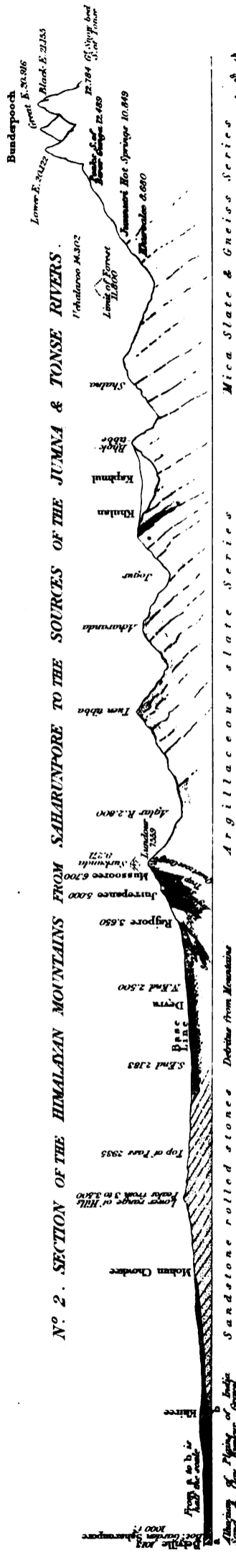




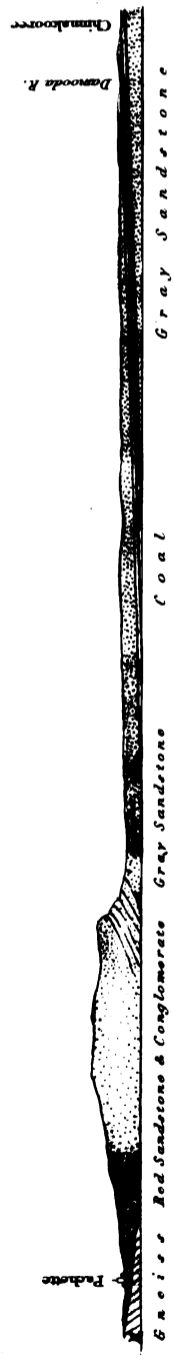
N<sup>o</sup> 1. SECTION OF THE HIMALAYAN MOUNTAINS FROM SIDOWTRA TO THE SHATOOL PASS.



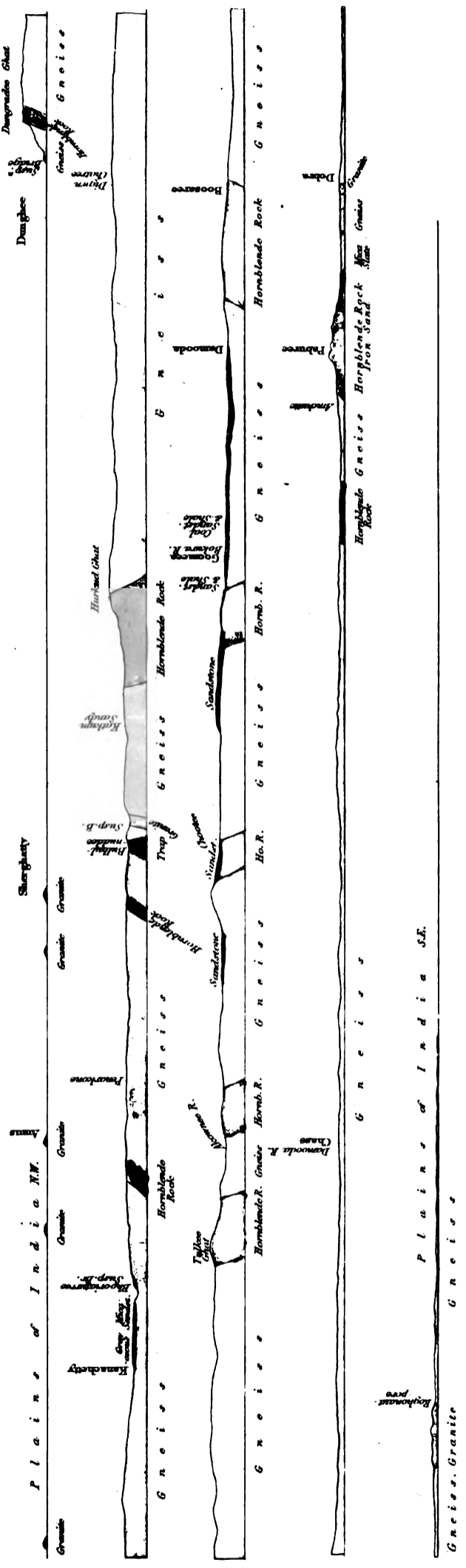
N<sup>o</sup> 2. SECTION OF THE HIMALAYAN MOUNTAINS FROM SAHARUNPORE TO THE SOURCES OF THE JUMNA & TONSE RIVERS.



N<sup>o</sup> 3. SECTION OF THE COAL FORMATION FROM PACHETTE TO CHINNAKOREE ON THE DAMOODA.



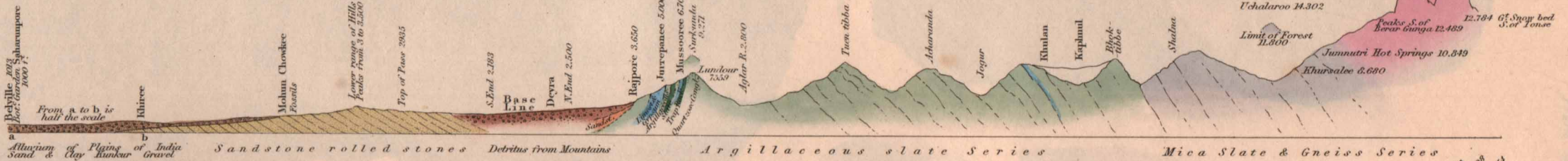
N<sup>o</sup> 4. SECTION OF THE CENTRAL RANGE OF INDIA FROM SHERGHATY TO ROHONAUPTORE.



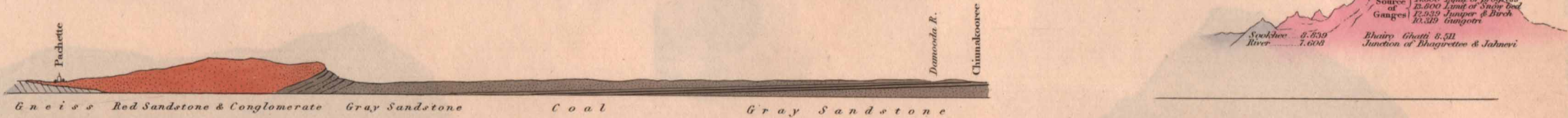
N<sup>o</sup> 1. SECTION OF THE HIMALAYAN MOUNTAINS FROM SIDOWRA TO THE SILATOOL PASS.



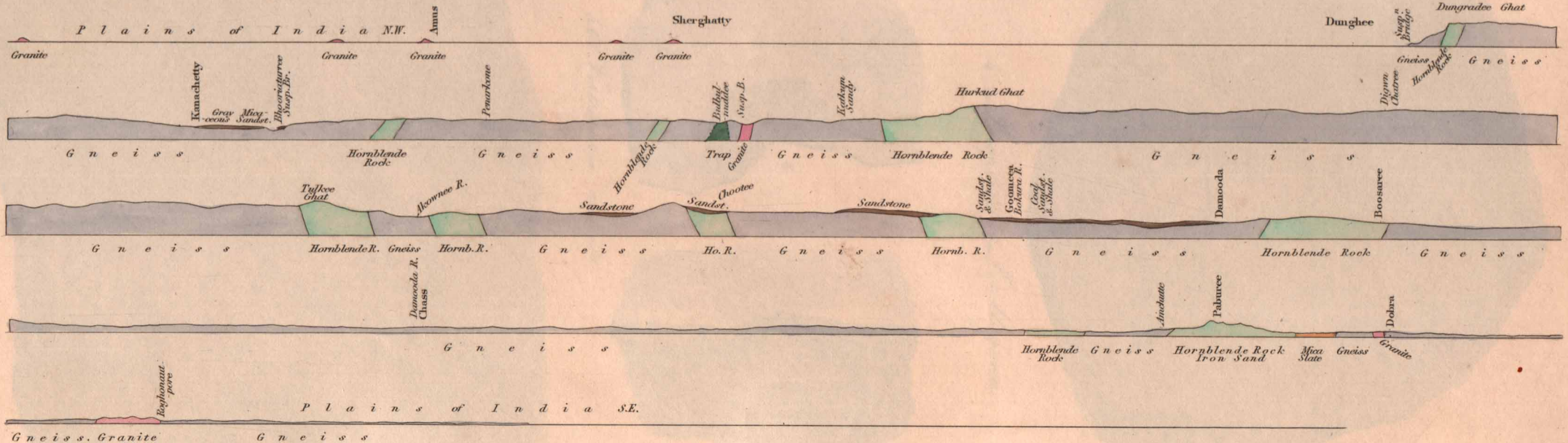
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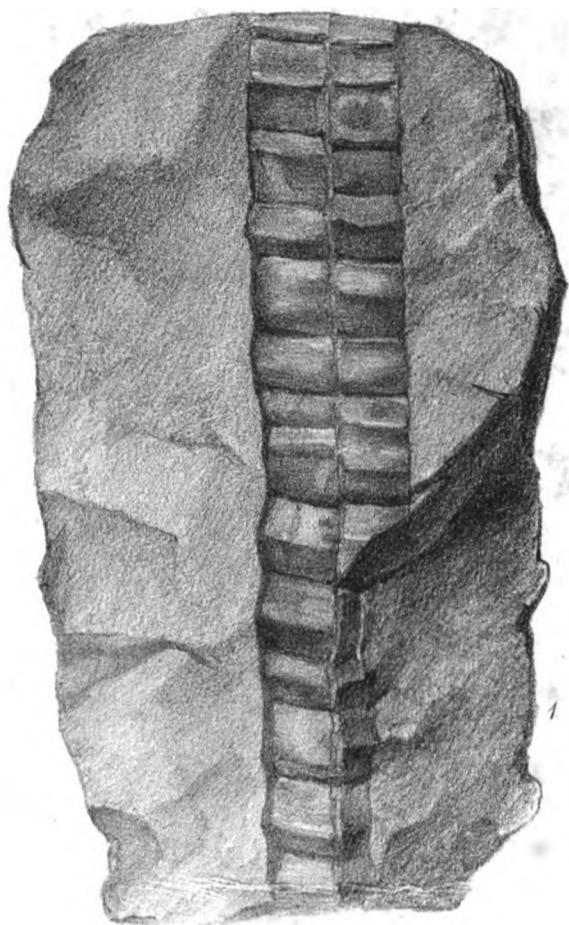
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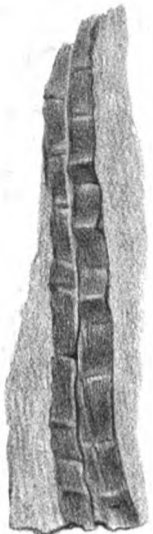








1, 2, 3. *Vertebraria indica.*



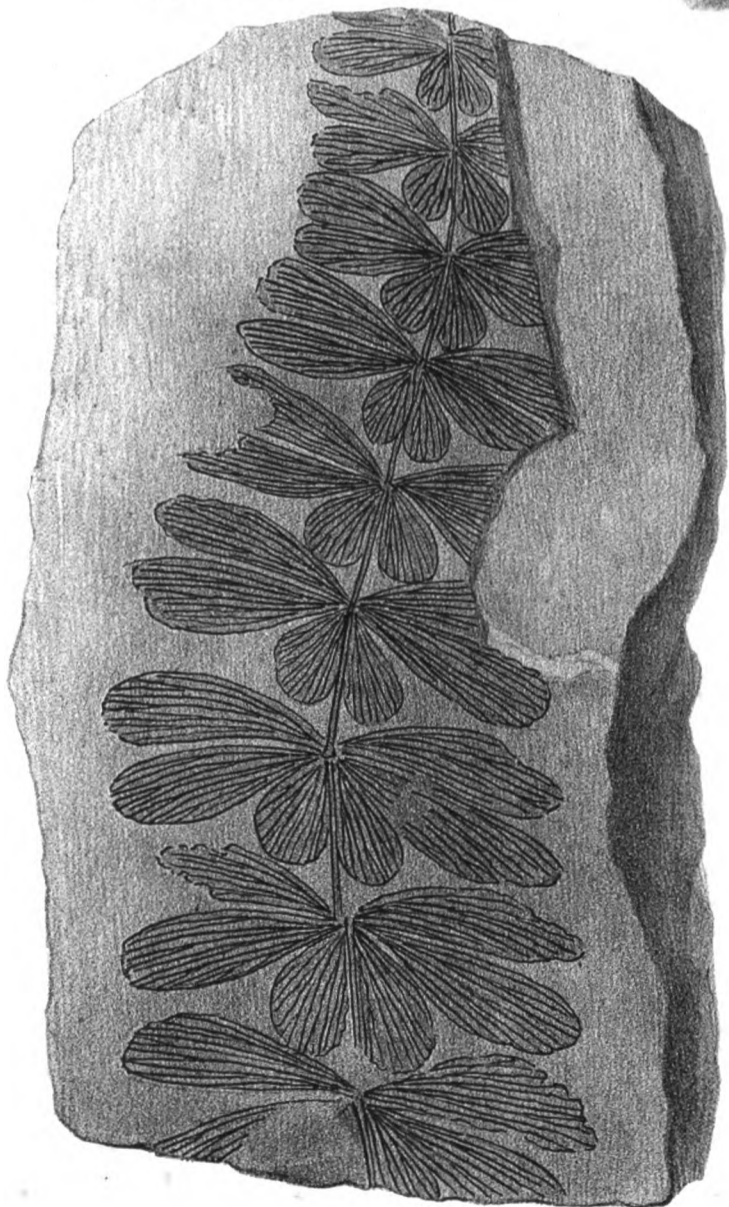
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3



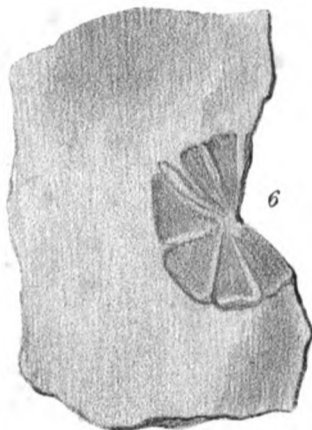
4. *Pecopteris Lindleyana.*



5, 6, 7. *Vertebraria radiata.*



6

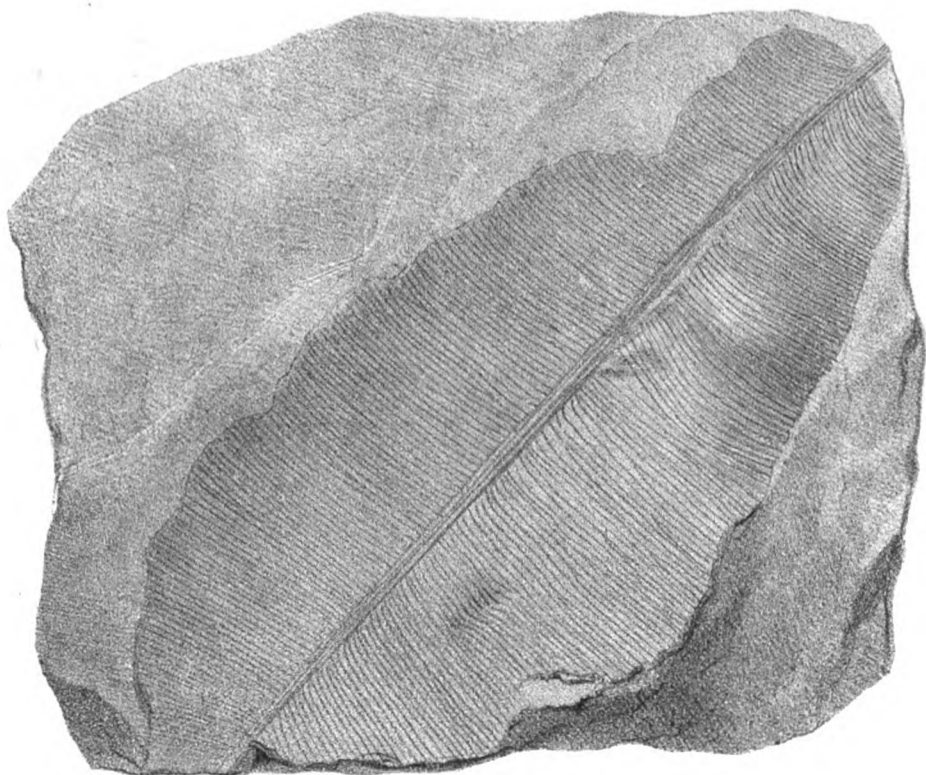


7



8

8. *Trixygia speciosa.*



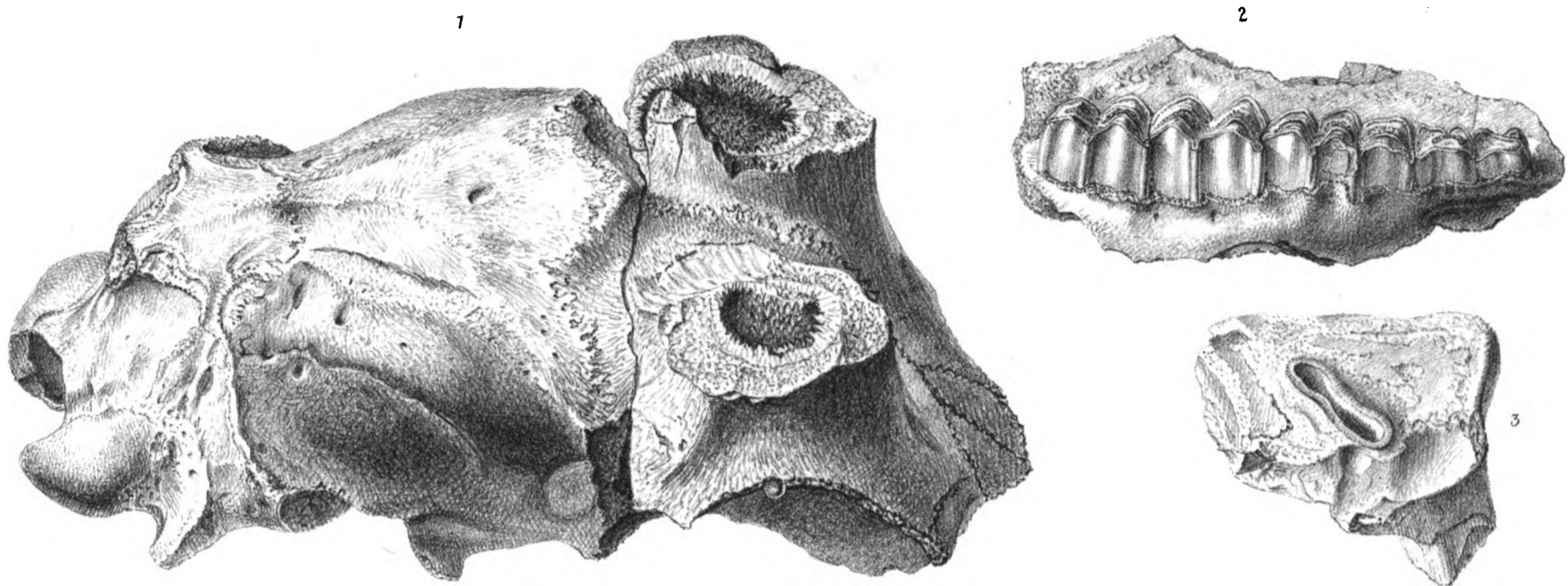
9. *Glossopteris dunavides.*



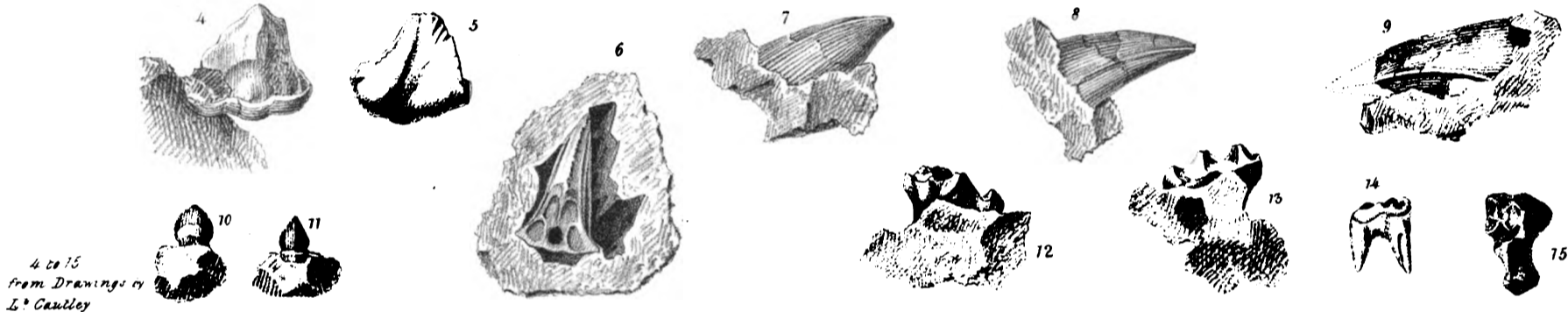






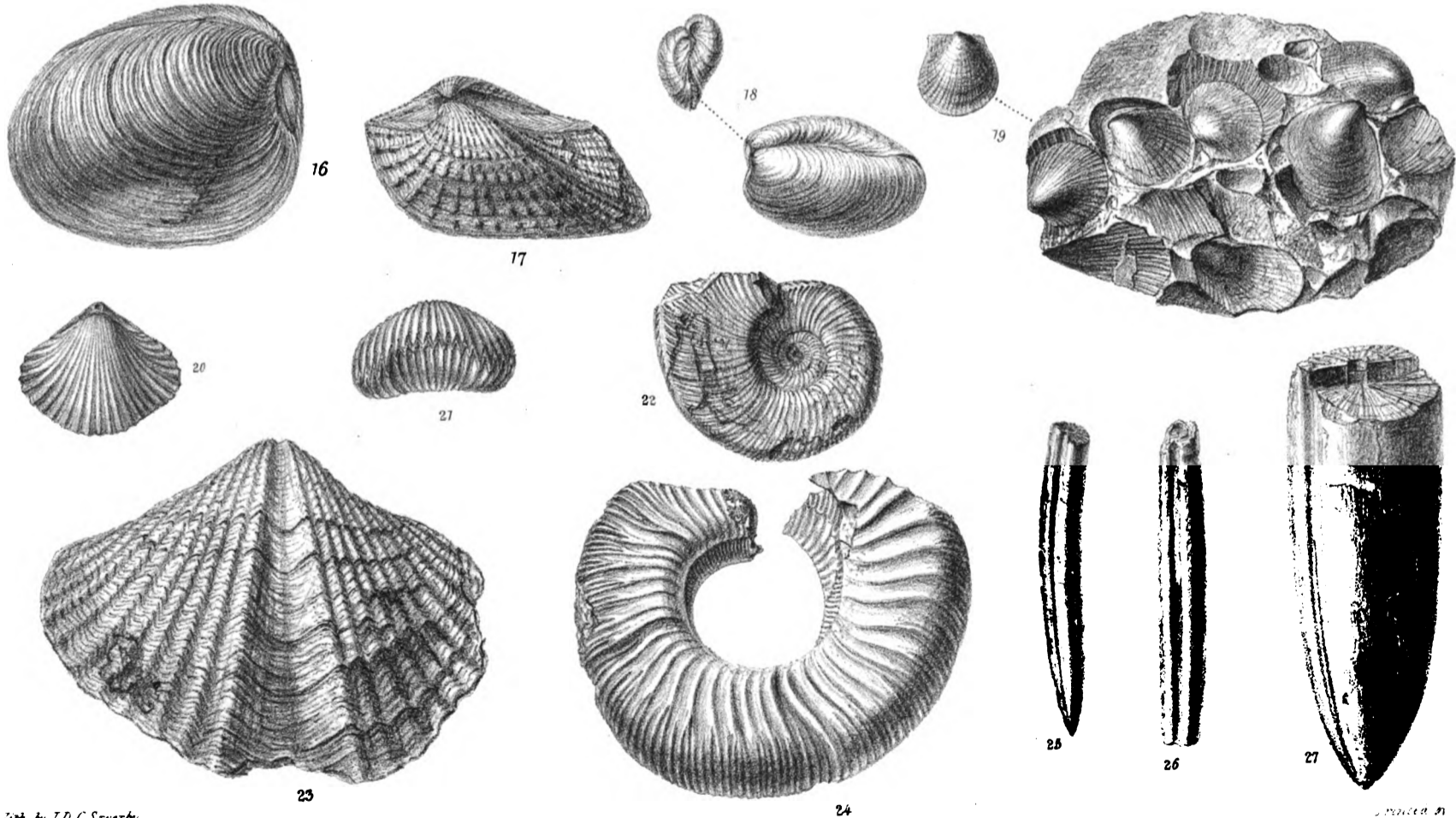


Fossil Bones obtained by Messrs Webb and Trull from the elevated land on the N.E. of the line of Snowy Peaks.



4 to 15  
from Drawings by  
L. Cautley

Fossil Teeth found by Lieu<sup>t</sup> Cautley in the Lower Range on the S.W. or plainward base of the Himalayas.



Drawn & lith. by J.D. C. Swarby.

Engraved on the Plate

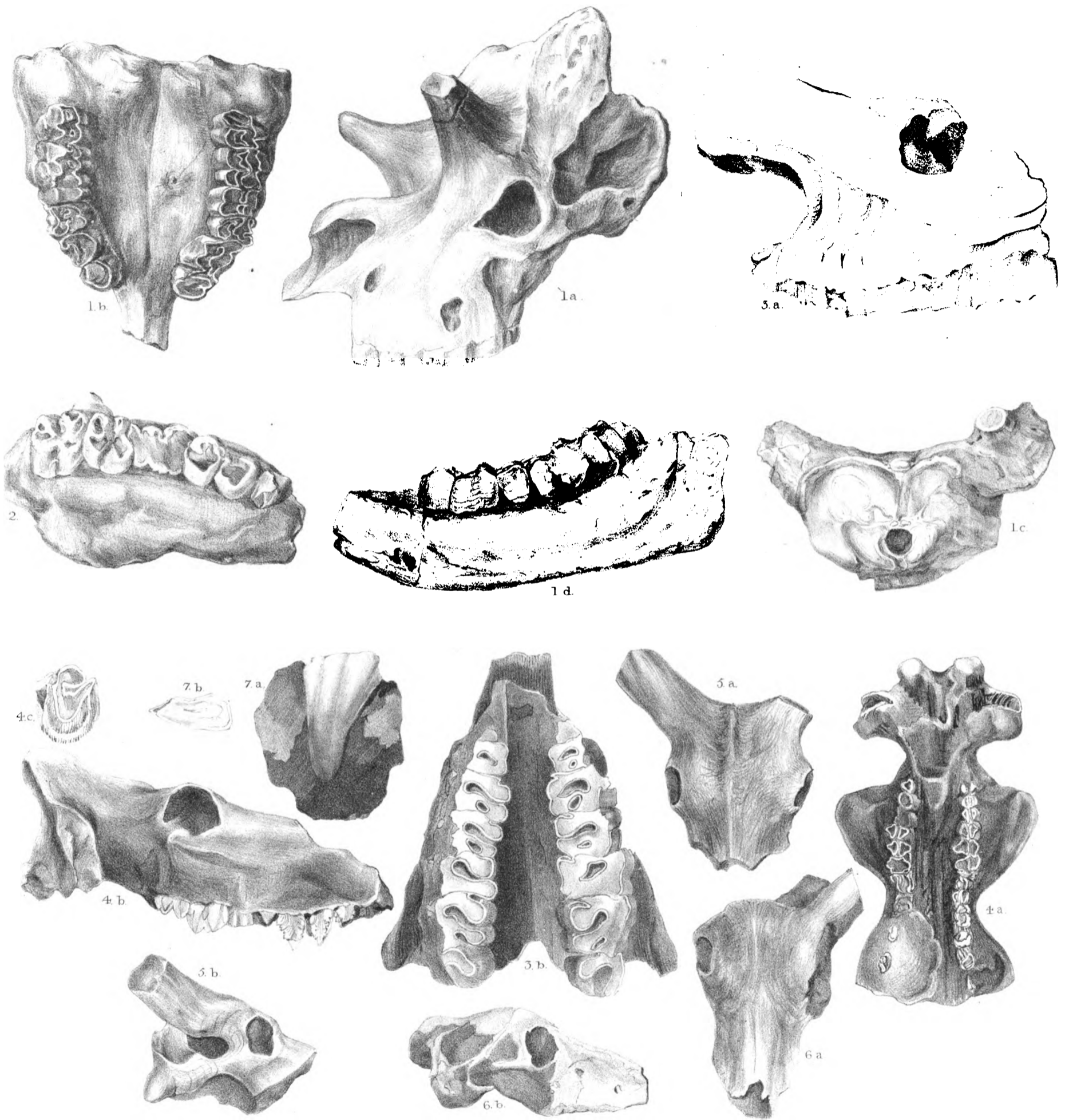
Fossil Shells discovered by M<sup>r</sup> Gerard in the elevated Valley of the Spiti, N.W. of Kunawur.

Published by Parbury Allen & C<sup>o</sup> Leadenhall St<sup>o</sup>









Capit. Gaudley del.

M. Gaudet lith.

*Fossils of the Sub-Himalayan, or Sewalik Hills.*

Published by Allen & Co., Lendenhall Street

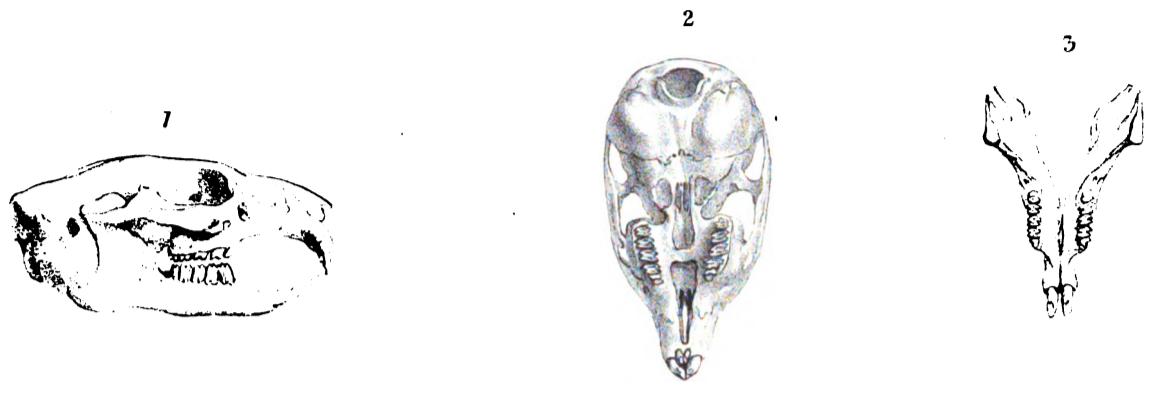
J. Gray Printer to her Majesty











M. Bauer del.

*Lagomys alpinus* Desm. L. Pika. Geoff.  
 Choor Mountain. Lat. 50. Elev. 11500.

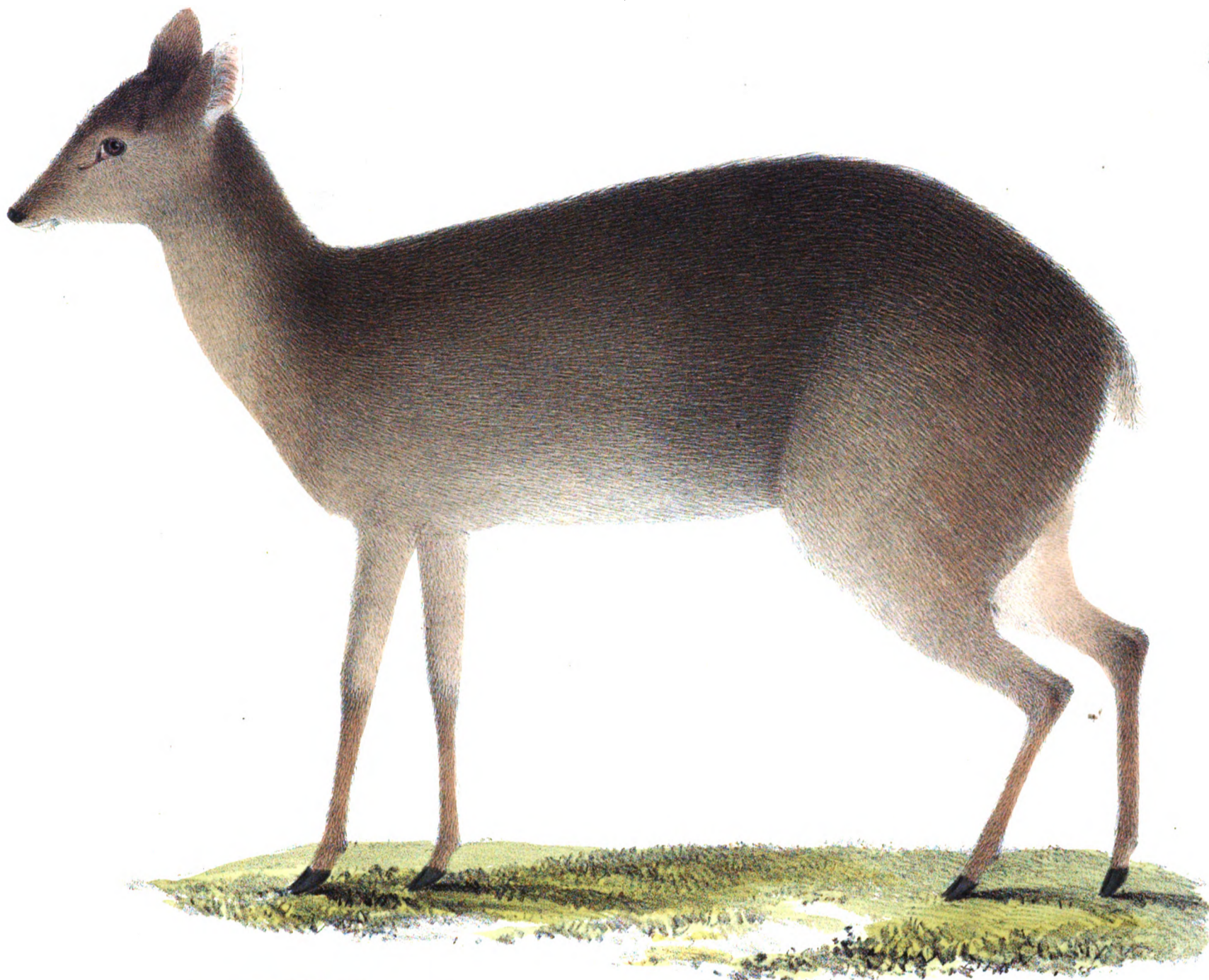
London. Published by Parbury Allen, & Co. Ludlowhall St.

Printed by Graft & Sons.

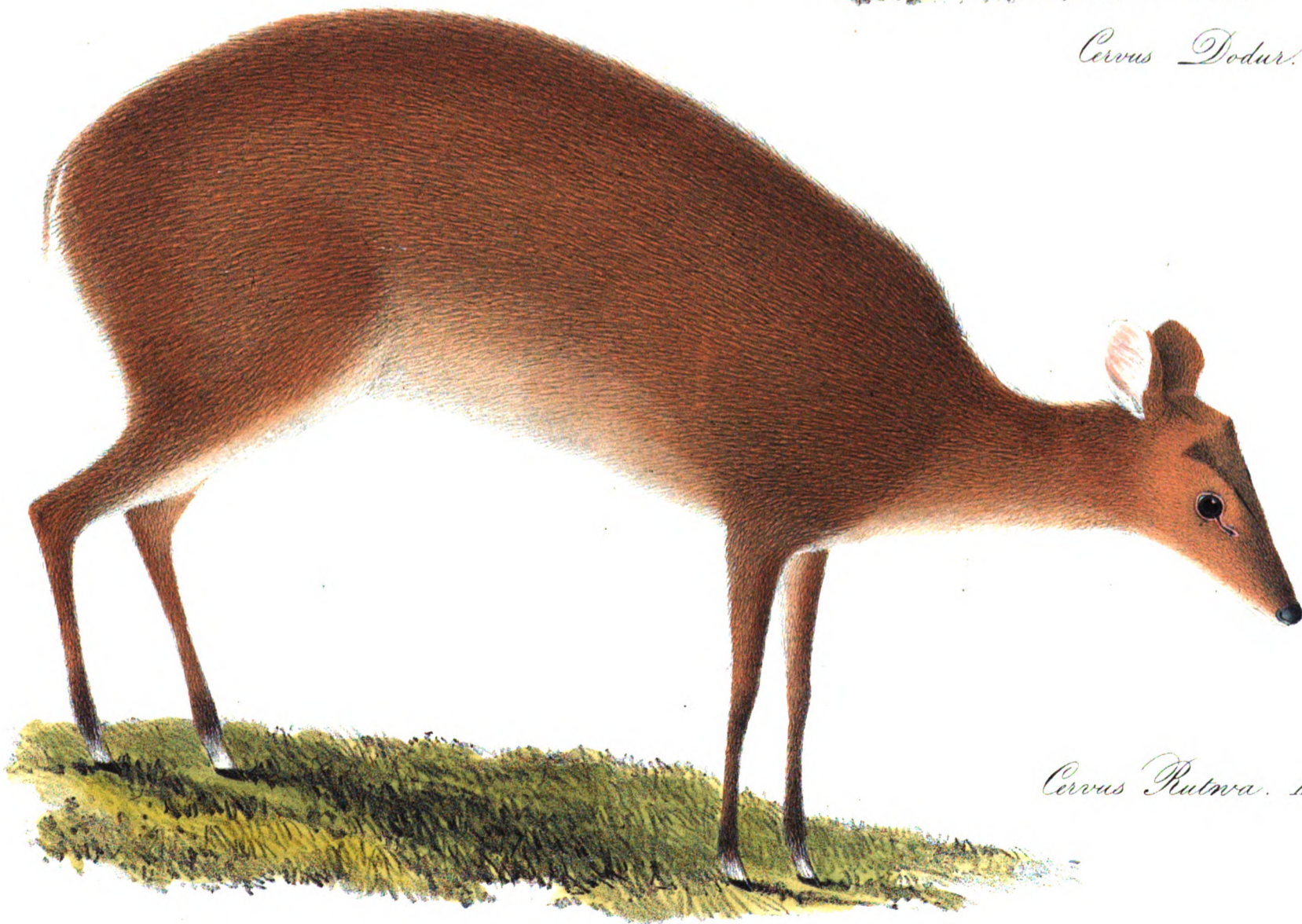








*Cervus Dodur.*



*Cervus Rutwa. Hodgs.*











*Certhia Goalpariensis.*

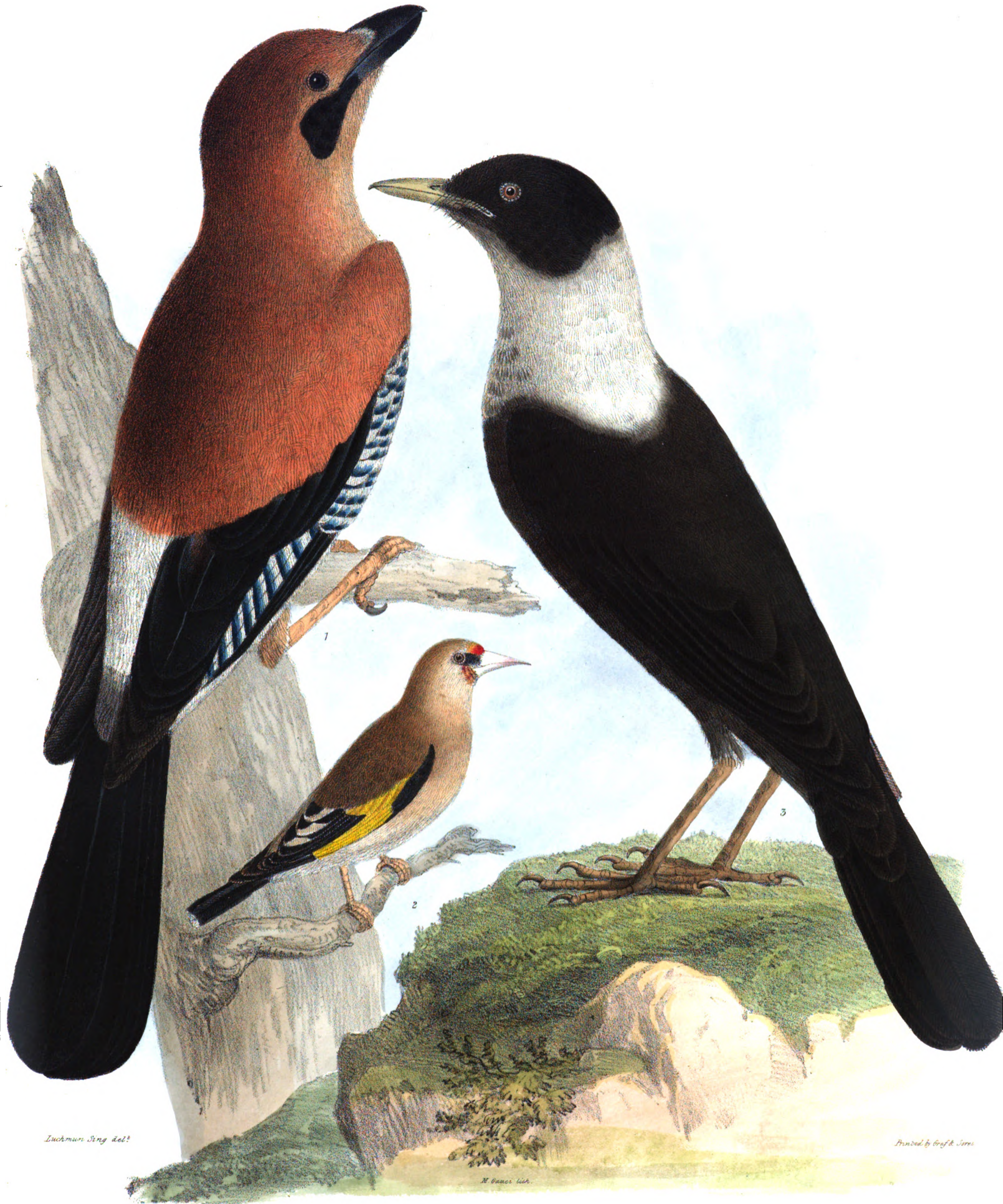
*Eurylaimus Dalhousiæ.*

*Pitta brachyura.*









*Luchman Sing del.*

*Printed by Graft & Sons*

*M. Gaus del.*

1. *Garrulus bispecularis*.

2. *Carduelis caniceps*.

3. *Turanus albicollis*

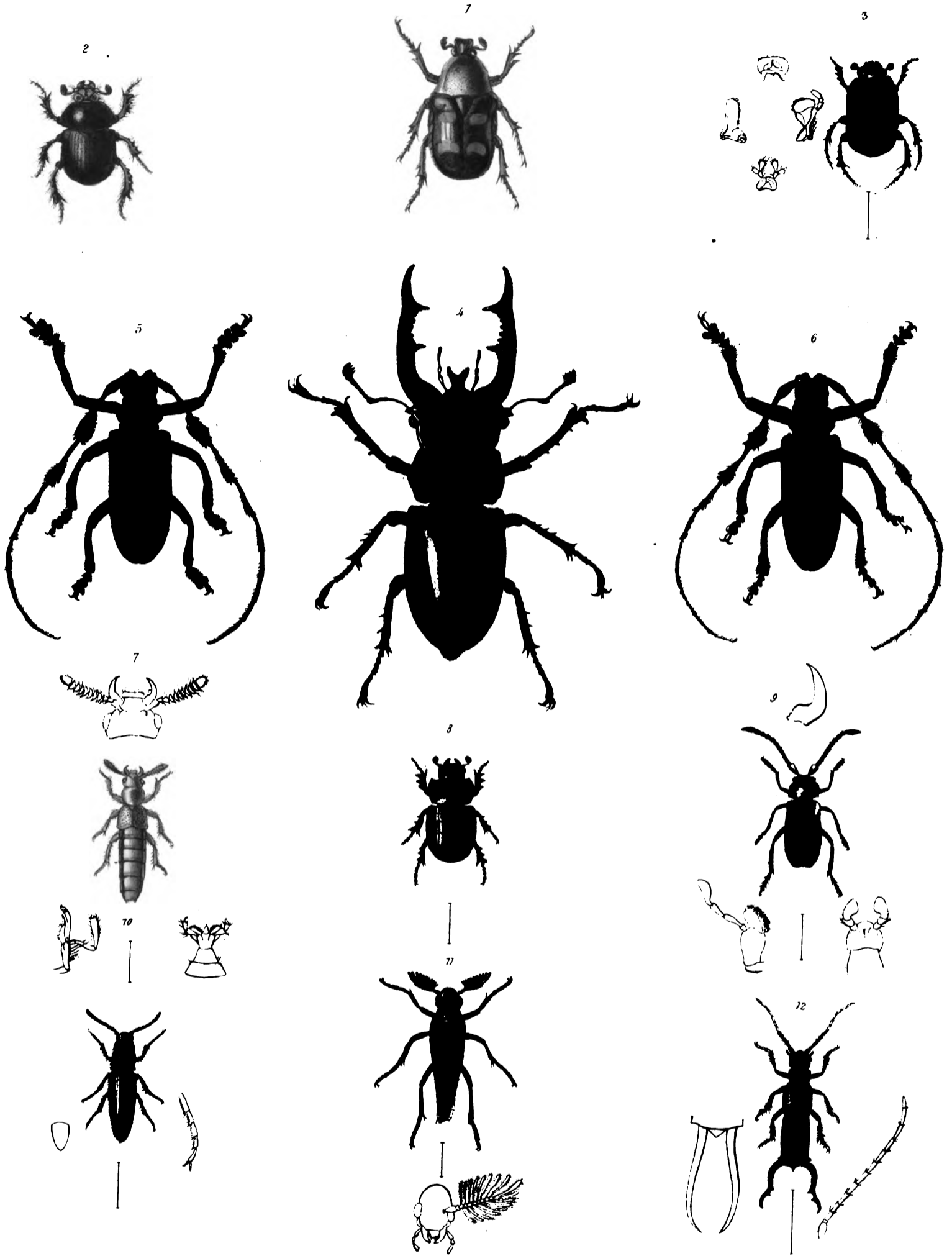
*Published by Parbury Allen & Co. London W. S.*











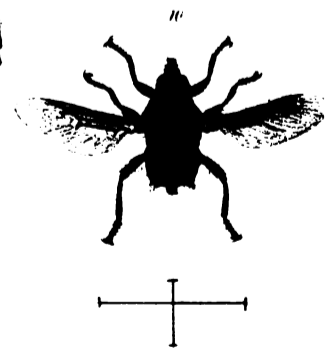
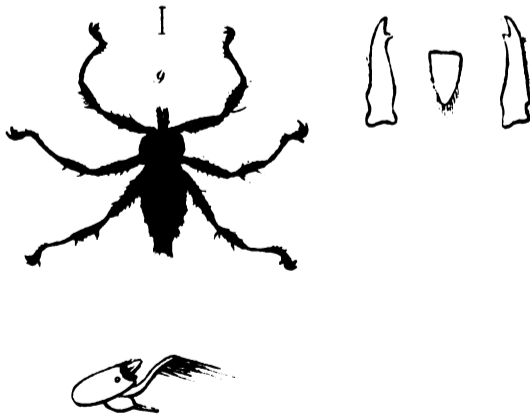
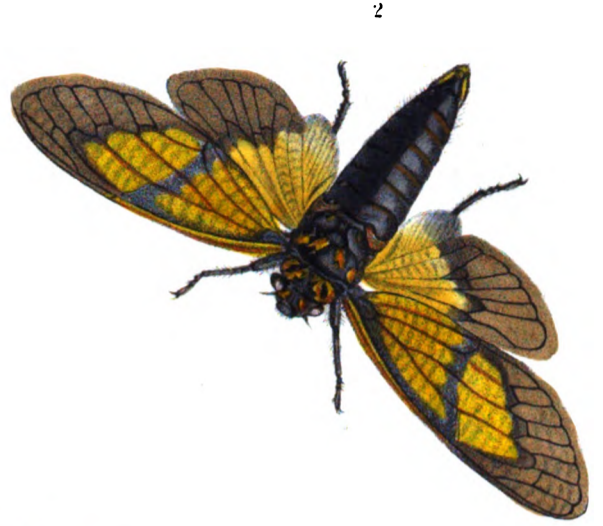
1 *Celenia Roylii* Hope.  
 2 *Geotrupes Orientalis* Hope.  
 3 *Onthophagus phanæordes* Hope.  
 4 *Lucanus lunifer* Hope.  
 5 & 6 *Iamia Wallichii* Hope.

7 *Perus ochraceus* Hope.  
 8 *Aphodius irregularis* Hope.  
 9 *Anisotelus bimaculatus* Hope.  
 10 *Elater cyanopterus* Hope.  
 11 *Rhipharys apicalis* Westwood.  
 12 *Forticula micropyga* Westwood.







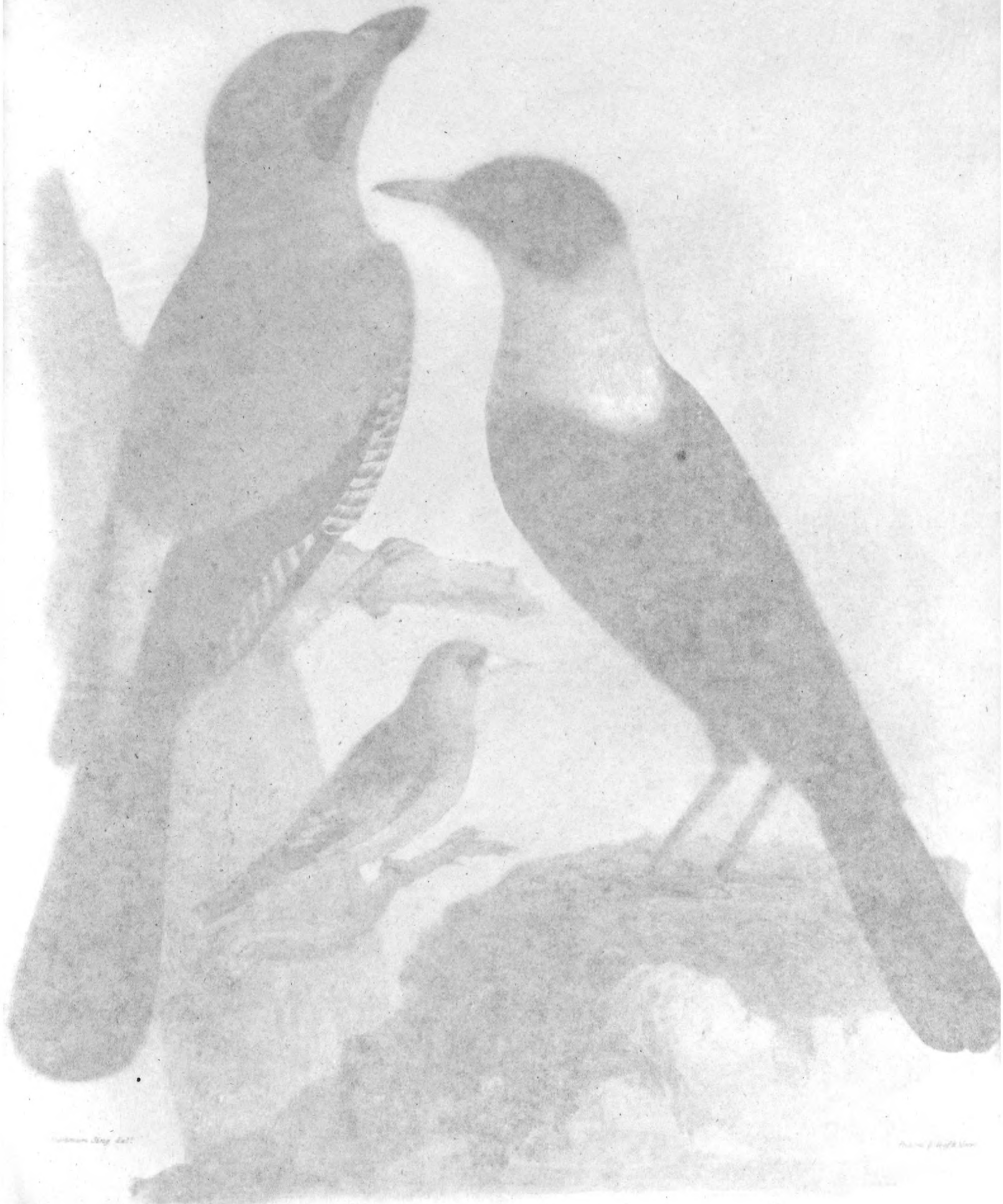


- 1 *Campylotes histrionicus.*
- 2 *Cicada pulchella.*
- 3 *Laphia Parakakta.*
- 4 *Papilio Machaon.*
- 5 *Mantis Reylli.*

- 6 *Scutellera pulchella.*
- 7 *Megarhynchus transversalis.*
- 8 *Deronius Himalayanus.*
- 9 *Nyctelia Roylii.*
- 10 *Hippobosca maculata.*







*Monal Pheasant*

*Monal Pheasant*

*Monal Pheasant*

*Monal Pheasant*

*Monal Pheasant*

Illustrated by Thomas S. Forster





1. Garrulus bispecularis .

2. Carduelis caniceps .

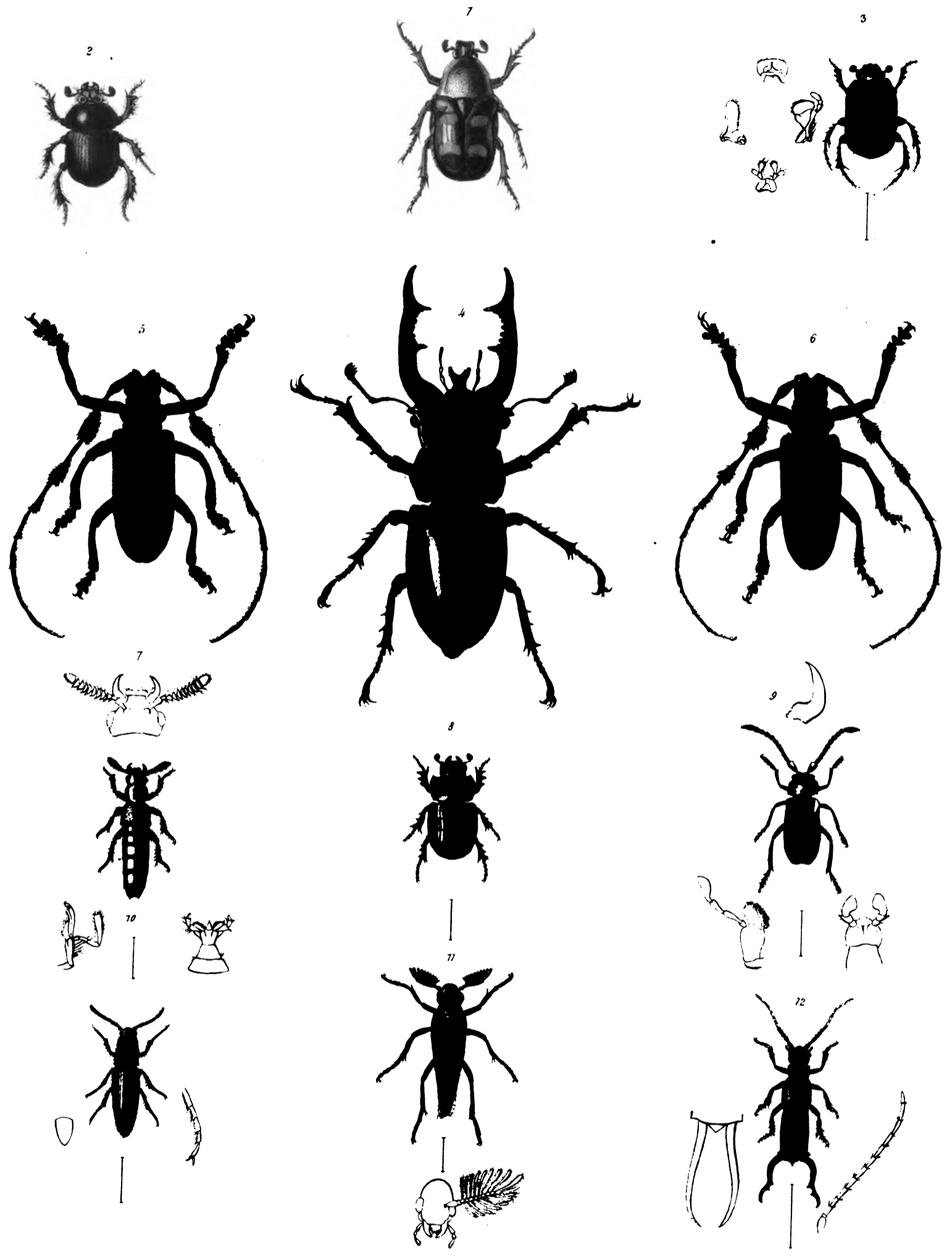
3. Turdus albicollis

Published by *Parbury Allen & Co. London & Calcutta.*









1 *Cetonia Roylei* Hope.  
 2 *Geotrypes Orientalis* Hope.  
 3 *Onthophagus phanacoides* Hope.  
 4 *Lucanus lunifer* Hope.  
 5 & 6 *Lamia Wallichii* Hope.

7 *Perus ochraceus* Hope.  
 8 *Aphodius irregularis* Hope.  
 9 *Anisotelus bimaculatus* Hope.  
 10 *Elaeotr cyanopterus* Hope.  
 11 *Rhipharus apicalis* Westwood.  
 12 *Forticula micropyga* Westwood.









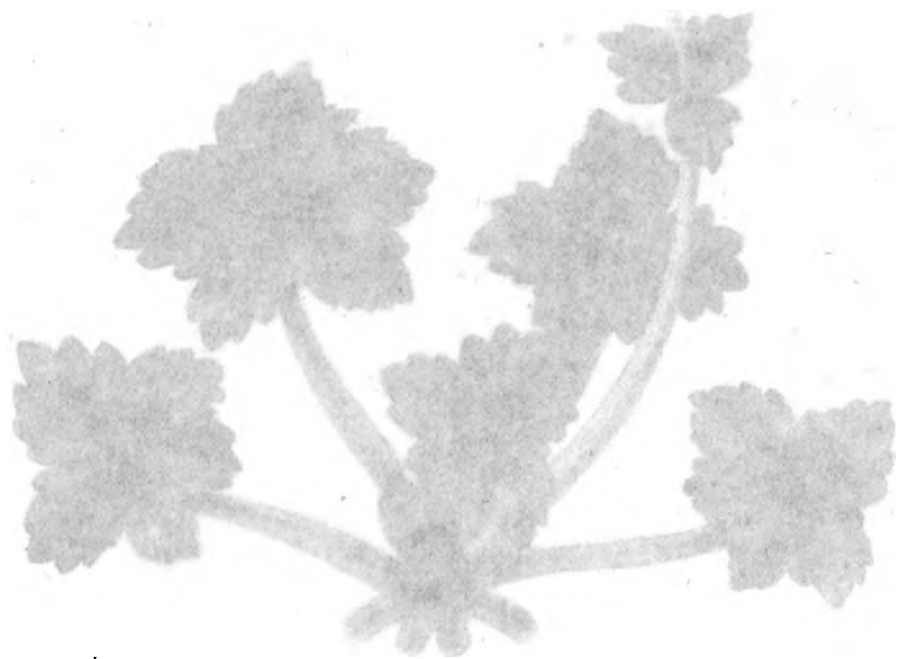


1 *Campylotes histrionicus*.  
 2 *Cicada pulchella*.  
 3 *Paphia Parakeita*.  
 4 *Papilio Machaon*.  
 5 *Mantis Roylei*.

6 *Scutellera pulchella*.  
 7 *Megarhynchus transversalis*.  
 8 *Derhonus Himalayanus*.  
 9 *Nyctelia Roylei*.  
 10 *Heppobosca maculata*.

Printed by Prof. K. S. Panigrahi









J. Gussone del.

J. Gussone del.

1. *Anemone discolor*. 2. *Ranunculus polypetalus*. 3. *Isopyrum grandiflorum*. 4. *I. microphyllum*.

Published by Parbury, Allen & Co. 1, Leadenhall Street.

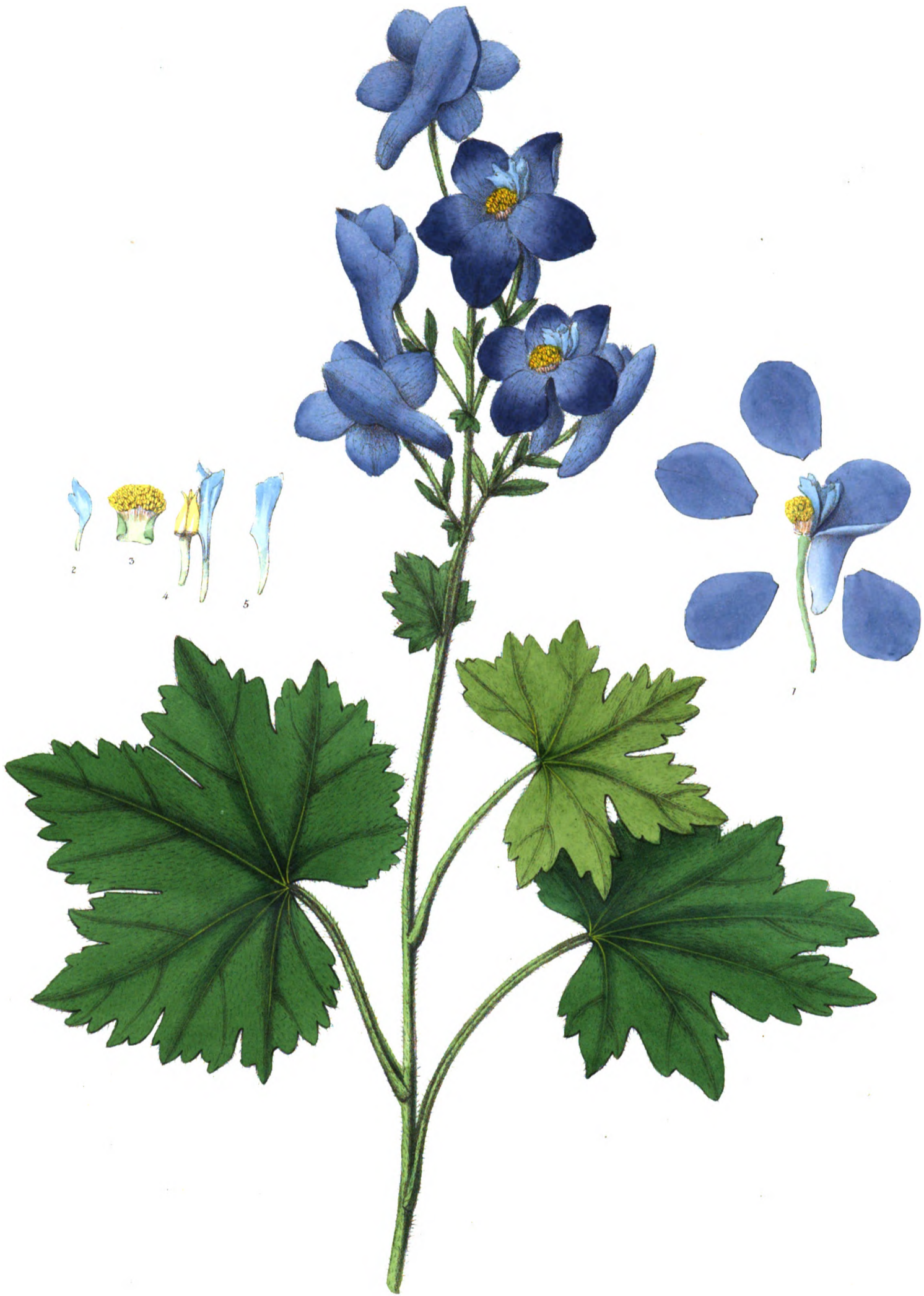
Printed by Graf & Sons.











*Engraved by*

*M. Gussé lith.*

*Delphinium Cashmerianum* Roxb.

*Published by Purday, Allen & Co. 7, Leadenhall Street, July 1833.*

*Printed by G. & J. Smeeth.*









*W. H. Perriand del.*

*H. G. G. G. G.*

*Aconitum heterophyllum* wall.

Published by Parbury, Allen & Co. Leadenhall St. July 1853.

Printed by G. & J. Sayer.











W. H. Knapton del.

*Cimicifuga frigida*. Wau.

Published by Parbury Allen & Co. Londonhall St.

M. Gussone lith.









*T. Kuhn pers. auct. det.*

*H. Gussone del.*

*Meconopsis aculeata* Royle.

London, Published by Parbury, Allen & Co. Leadenhall St.

Printed by Graf & Strat.











*Thiansperaus del.*

*Meyers del.*

1. *Corydalis Cashmeriana*. Royle. 2. *C. Govaniana*. Watt.

Published by Parbury Allen & Co. Leadenhall Street.

Printed by Brad & Sons









*Kühperand del.*

*M. Gussone del.*

*Tauscheria desertorum*

*Published by Parbury Allen & Co. Leadenhall Street.*

*Printed by Prof. & Son.*











*Viola Serpens* Wall.

*Viola reniformis* Wall.

1. *Viola Serpens*. Wall.

2. *Viola reniformis*. Wall. *Viola humawurensis*. Rose

Printed by Gray & Son









A. *Polygala myrsinites.*

H. Bauer lith.

B. *Polygala furcata* c. *Polygala crotalarivoides* v. *Polygala triphylla.*

Published by Parbury Allen & Co. Manchester 56

Printed by Gray & Sons











*Vahnpersand del.*

*Silene Falconeriana.*

*Lychnis fimbriata*

*M. Gussone lith.*

*Published by Parbury Allen & Co. Leadenhall St.*

*Printed by Gray & Sons*









Fischer's hand del.

M. Gmel. lith.

1. *Leucostemma latifolia*.

2. *L. angustifolia*.

3. *Arenaria festucoides*.

Published by Leary Allen & Co. London.











*Thunbergia del.*

*M. Gussone del.*

*Grewia elastica. Roxb.*

*Published by Parbury, Allen & Co. Leadenhall Street.*

*Printed by Graf & Sons.*









*W. H. Edwards del.*

*M. Cassin lith.*

1. *Gossypium herbaceum*. 2. *G. arboreum*.

*Published by Parbury Allen & Co. Ludenhall, St.*

*Printed by Graft & Sons*











*Hesperisandra del.*

1. *Eurya acuminata*

2. *Hypericum Japonicum.*

*M. Guss. del.*

Published by Parbury Allen & Co. Ludlow Hill St.









*M. Cassini del.*

*Spodiopogon serratulifolius.*

Published by Parbury, Allen & Co. London and New York.  
Printed by G. & J. Sayer.

*Richardson del.*











*Thibautia rosea* Del.

1 *Cissus rosea*.

*M. Goulet del.*

2 and 2x *Cissus capreolata*









Kuhnperroux del.

M. Gance lith.

*Geranium Lindleyanum* f.

Published by Parbury, Allen & Co. Leadenhall S.











*Vishnupersaud del.*

1. *Impatiens bicolor.*

*M. Gaudet del.*

2. *Impatiens glandulifera.*

*Published by Parbury, Allen & Co. Londonhall S.*

*Printed by G. F. & J. Sonnet*









*Dictamnus himalayanus*. ROYLE.

Tischbepersand del.

M. Gussone lith.

Published by Parbury, Allen & Co. 1, London Wall Street.

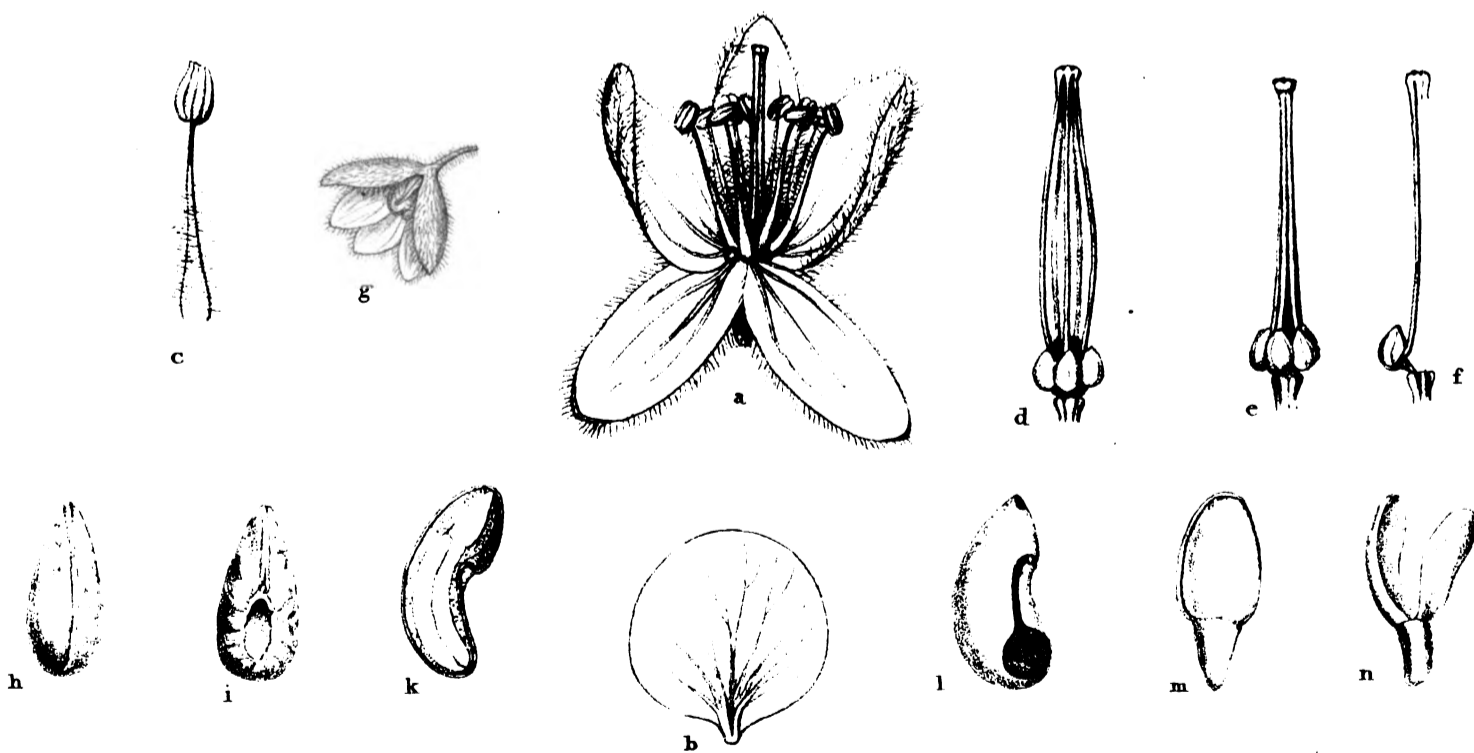
Printed by Grafton Street.











*Pibersteinia odora.*

Plant W. Saunders. Fig. dissect. C.M. Curtis del.

M. Gance lith.

Published by Parbury Allen & Co. Leadenhall St.

Printed by Grog & Sons









H. Anagnostou del.

M. Goussier lith.

1. *Evonymus echinata*

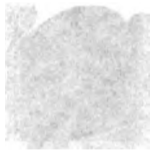
2. *Odina Wodierii*

Published by Parbury Allen & Co. Londonhall St.

Printed by Graf & Sons.











1. *Thermopsis barbata*.

2. *Edwardsia mollis*.

Published by Parbury, Allen & Co. Londonhall St.

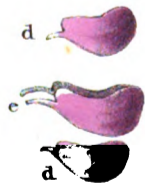
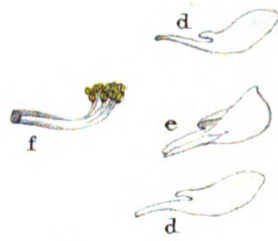
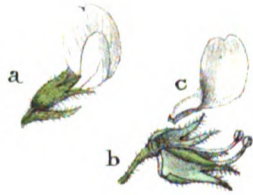
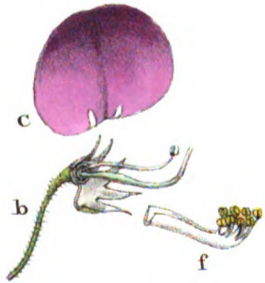
Rehmann del.

M. Gance sculp.









*U. hirsuta* Dal.

*A. leucocephalus* DC.

1. *Uraria lagopoides*.

2. *Astragalus leucocephalus*.

Published by Parbury, Allen & Co. Londonhall St.

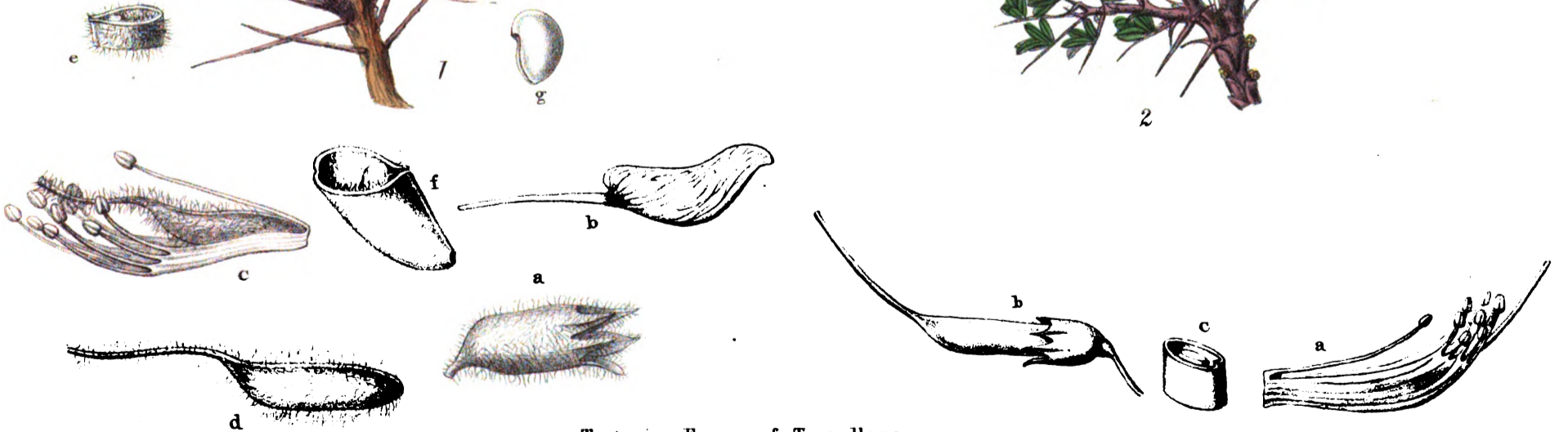
Printed by Grafton & Sons.











Miss Drake del.

Tartaric Furze of Travellers.

M. Gance del.

1. *Caragana Gerardiana.*

2. *Genista versicolor.*

Published by Parbury Allen & Co. Leadenhall Street.

Printed by G. & J. Searcy.









Fischer, ex. del.

M. Gussone, del.

1. *Lathyrus communis*.

2. *Smithia ciliata*.

Published by Parbury Allen & Co. Londonhall St.

Printed by G. & J. S. 1842.











1. ex Icon. Hamilt. 2. W. Saunders Esq.

1. *Aquilaria Agallocha.*

M. Goulet del.

2. *Astragalus Grahamianus.*

Published by Parbury Allen & Co. London & W. & A. G. & Co. New York.

Printed by Grafton Street.









*Cassia (Senna) lanceolata.*

Cultivated in India.

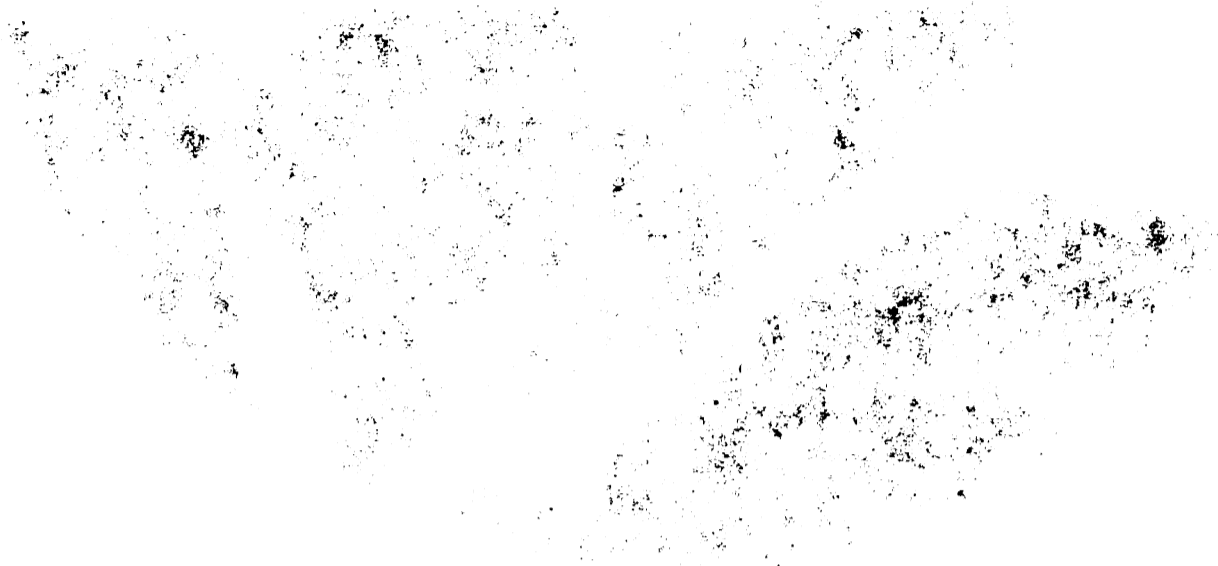
M. Gouca del.

Published by Parbury, Allen & Co. Leadenhall Street.

Printed by G. & C. Colver











*Prinosopia utilis* del.

*Cerasus cornuta* del.

1 *Prinosopia utilis*.

2. *Cerasus cornuta*.

Published by Parbury Allan & Co. Londonhall St.

Printed by ...









1 *Siwersia data*

2. *Dalibarda calycina*.

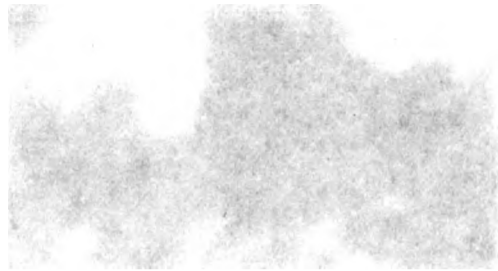
Published by Perbury Allen & Co. Leadenhall St.  
Printed by Gray & Sons.















J. B. 2. W. Saunders Esq. del.

M. Gussone sculp.

1. *Potentilla Cautleyana*. 2. *P. pteropoda*.

3. *Sibbaldia purpurea*.

Published by Parbury Allen & Co. Leadenhall St.

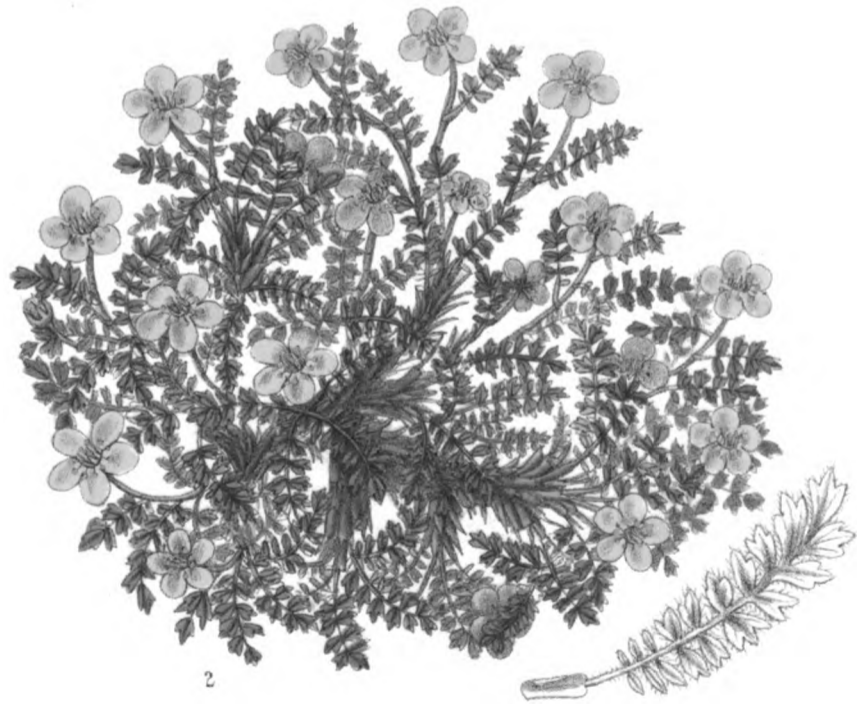
Printed by Gray & Jerrard











1. *P. Saundersiana*.

2. *P. microphylla*.

3. *P. Ingletonii*.

Published by Barbey, Allen & Co. Dresden, Germany.









1



2

Fischer's Handb. bot.

H. Bauer lith.

1. *Rosa sericea*.

2. *Rosa Webbiana*.

Published by Parbury Allen & Co. Leadenhall St.

Printed by Graf & Sons











1



2

1. *Circaea cordata*.

*Epilobium lacuum*









1. *Lythrum Cashmerianum*.

2. *Myricaria bracteata*.

Published by Parbury Allen & Co. Ludenkhall St.

Printed by G. & J. Sayer











*Conocarpus latifolia*

*Sonerila tenera*

Published by Parbury Allen & Co. London & W. 5<sup>th</sup>  
Printed by Graf & Sons









1. *Philadelphus tomentosus*

*Deutzia corymbosa*.

Published by Parbury Allen & Co. Leadenhall Street  
Printed by Graf & Sons.

M. Gouci Lith.











1. *Cucumis pubescens*.

2. *C. pseudo-Colocynthis*.

3. *Cucumis Hardwickii*.

Published by Parbury Allen, & Co. London Hall St.

Printed by Graft & Sons

Howes del.









1. *Sedum linearifolium*.

2. *Sedum azureum*

3. *Sedum coccineum*.

Published by Parbury Allen & Co. Londonhall St.

Printed by Gray & Sons.

M. V. L. L.











1. *Saxifraga imbricata.*

2. *S. ciliolata.*

3. *S. ramulosa.*

Published by Parbury Allen & Co. Leadenthall St.









Fig. 1. W. Saunders Esq. 2. Parnassia nudicaulis del.

M. Gouci del.

1. *Saxifraga stenophylla*.

2. *S. spinulosa*. 3. *Parnassia nubicola*.

Published by Parbury Allen & Co. London 1821. 5.











J.L. Davis. M.F. Drake del.

M. Banci del.

1. *Pycnocycla glauca*.

2. *Eriocycla nuda*.

Published by Parry Allen & Co London Hill St  
Printed by Graf & Sons









1. *Psoralea caca.*



2. *Hymenolana Goraniana*

*M. Bouché 1851*

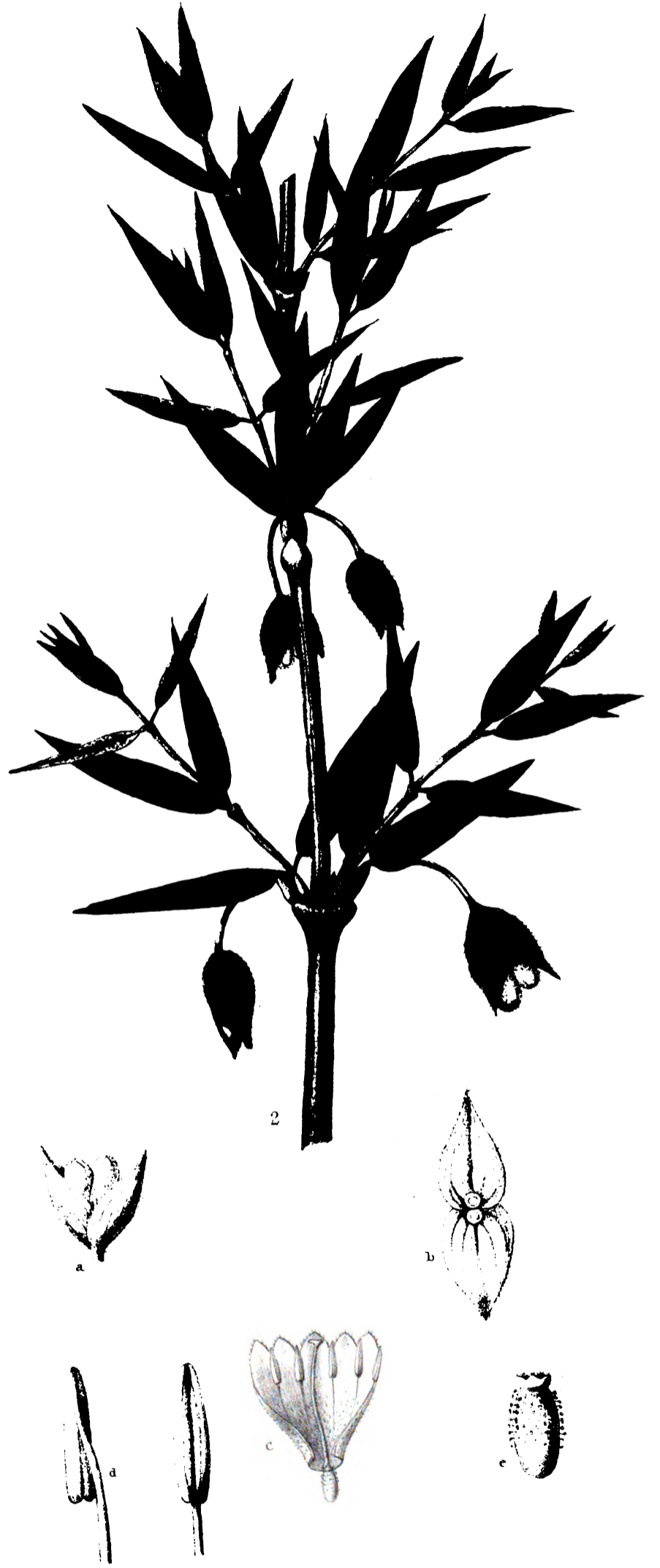
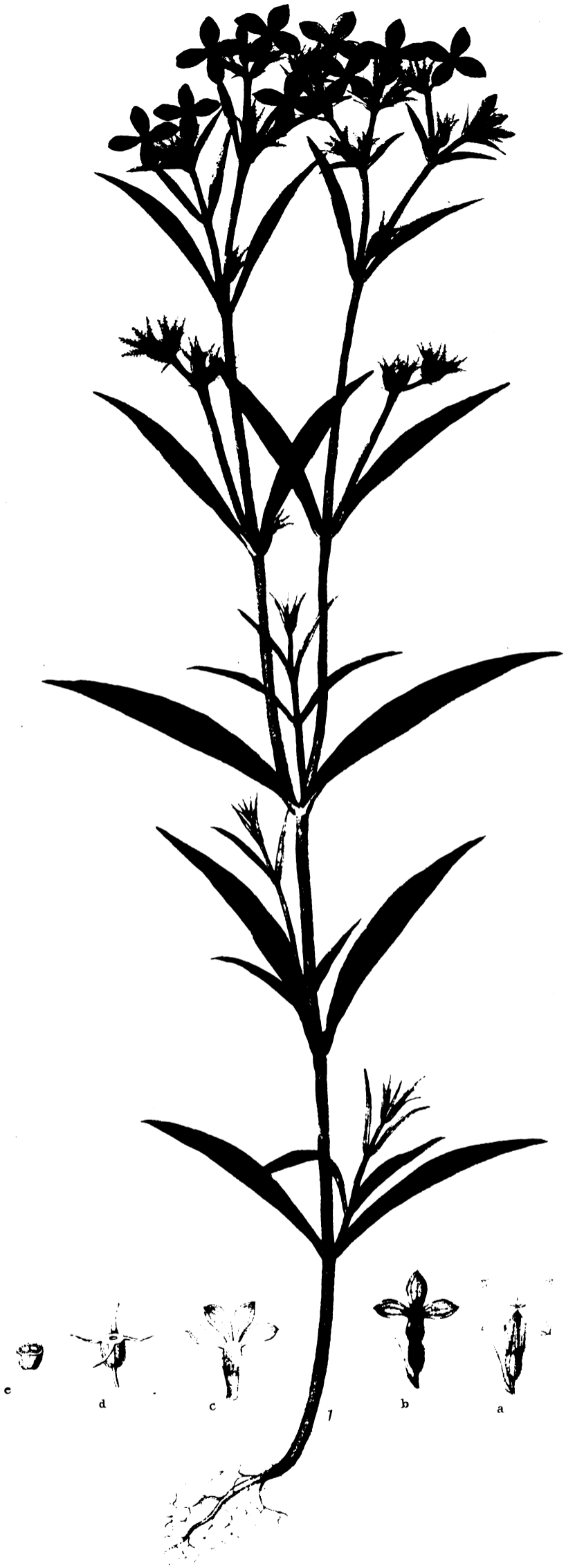
Published by Parbury Allen & Co. Leadenhall St.











*Kobautia coccinea* (L.) W. Saunders

1. *Kobautia coccinea* 2. *Lonicera bracteata*.

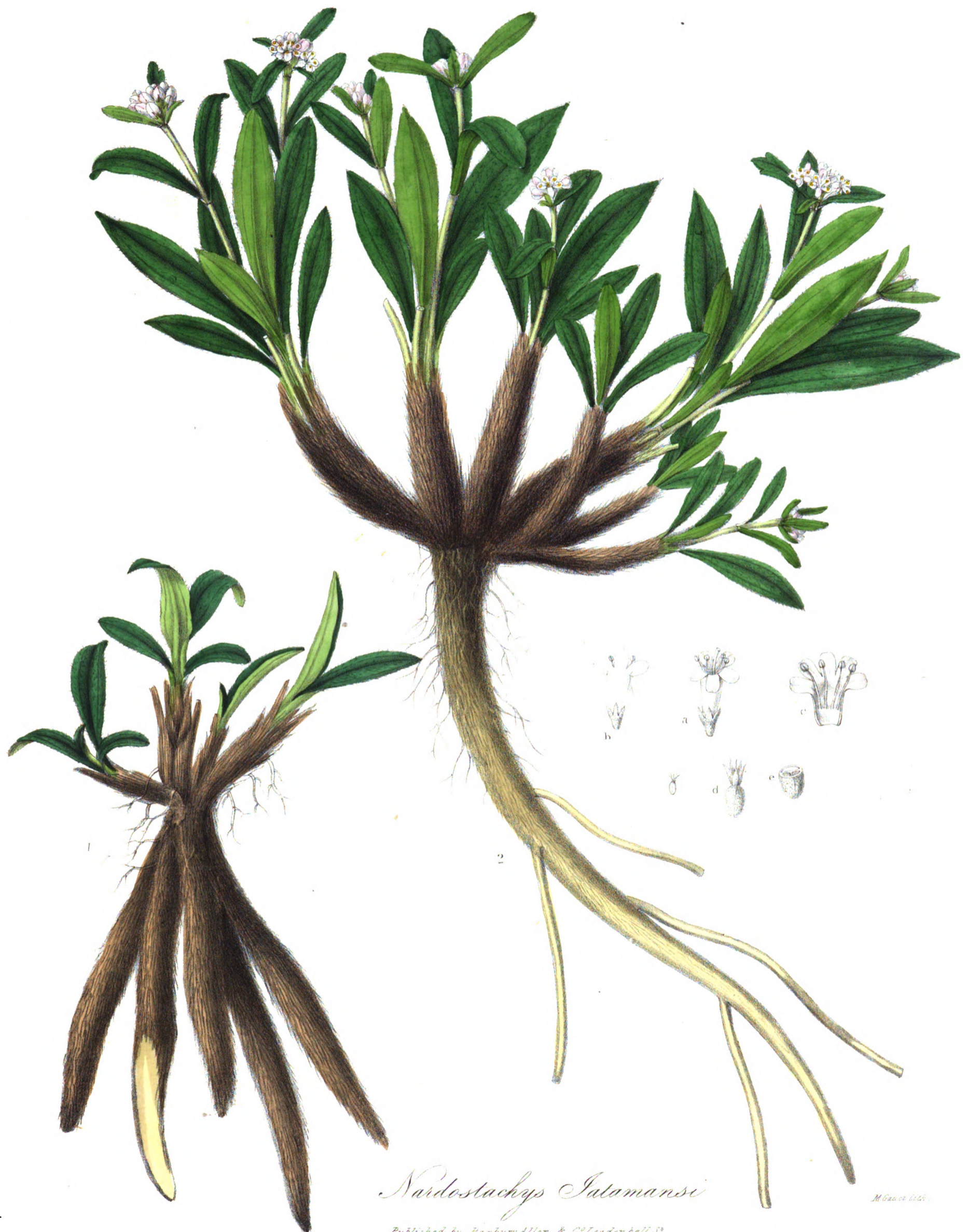
Illustrations by W. Saunders & W. Saunders  
 Drawn by W. Saunders

W. Saunders del.









*Nardostachys Jatamansi*

Published by Parbury, Allen & Co. Leadenhall St.  
London by Wm. & A. G. Smith

M. G. G. G. G.











1. *Morina Wallichiana*.



2. *Scabiosa speciosa*.

M. Goussier del.





Führerhand del.

1. *Echinops nivea*.

*Cyathidium taraxacifolium*.

Published by Parbury, Allen & Co. Leadenhall Street









*Dolomia macrocephala.*

M. Gance lith.

Published by Parbury Allen & Co. Leadenhall St.







Fischer's del.

M. Goussier del.

1. *Aster angustifolius*.

2. *Calamagrostis flexuosa*.

3. *Galatella juncea*.

Published by Parbury Allen & Co. London Hall St.





*Aplotaxis gnaphaloides.*

*Chaptalia gossypina.*

Published by Parbury Allen, & Co. Leadenhall St.

Printed by Gref & Soret

M. Gauri' lith.

Tishnapurand do 2.9





*Reichenow del. 1877*

*M. Gaudet del.*

1. *Ligularia indica.*

2. *Ligularia arnicoides.*

Published by Parbury Allen & Co. Leadenhall St.  
Printed by G. & C. Sme.











*Pl. rar. europ. del.*

1. *Mulgedium Macrorhizum.*

*M. sagittatum.*

*M. Gouan del.*

Published by Parbury Allen, & Co. Leadenhall St.









*Fischersand del.*

*M. Gausi lith.*

1. *Campanula Cashmeriana.*

2. *Codonopsis rotundifolia.*

*Published by Parbury Allen & C. Leadenhall St.*











*Heather of Travellers.*

1. *Andromeda fastigiata*

2. *Gaultheria nummularioides.* 3. *G. trichophylla.*

Published by Parbury Allen & Co. Leadenhall St.

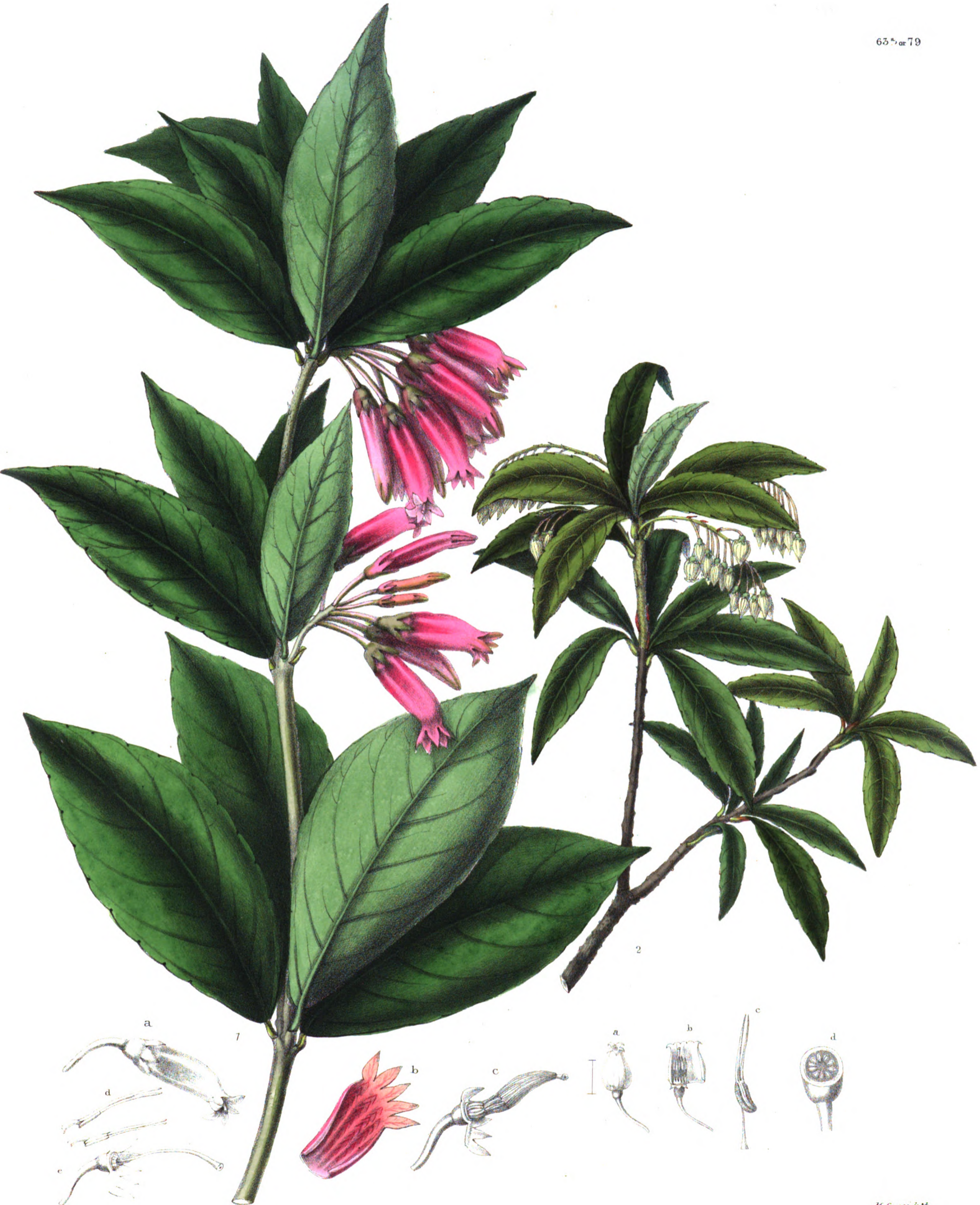
Printed by Gray & Sonnet

M. Gouci del.









1. *Thebaudia variegata*!

2. *Gaylussacia serrata*!

M. Gausi del.

Published by Messrs W. H. Allen & Co. Leadenhall Street

Printed by G. & A. Smeeth











M. Schlechtendal del.

M. Schlechtendal del.

*Rhododendron lipidotum*

*Rhododendron anthopogon*

London. Published by Parbury Allen & Co. Leadenhall Street

Printed by Goulet & Joret









1. *Olea ferruginea*.

2. *Syringa Emodi*.

Published by Forbury Allen & Co. Leadenhall St.  
Printed by Graf & Sons

M. Goussier lith.











1. *Anthura viminea.*

2. *Holostemma Brunoniana.*

3. *Ceropegia Wallisii.*

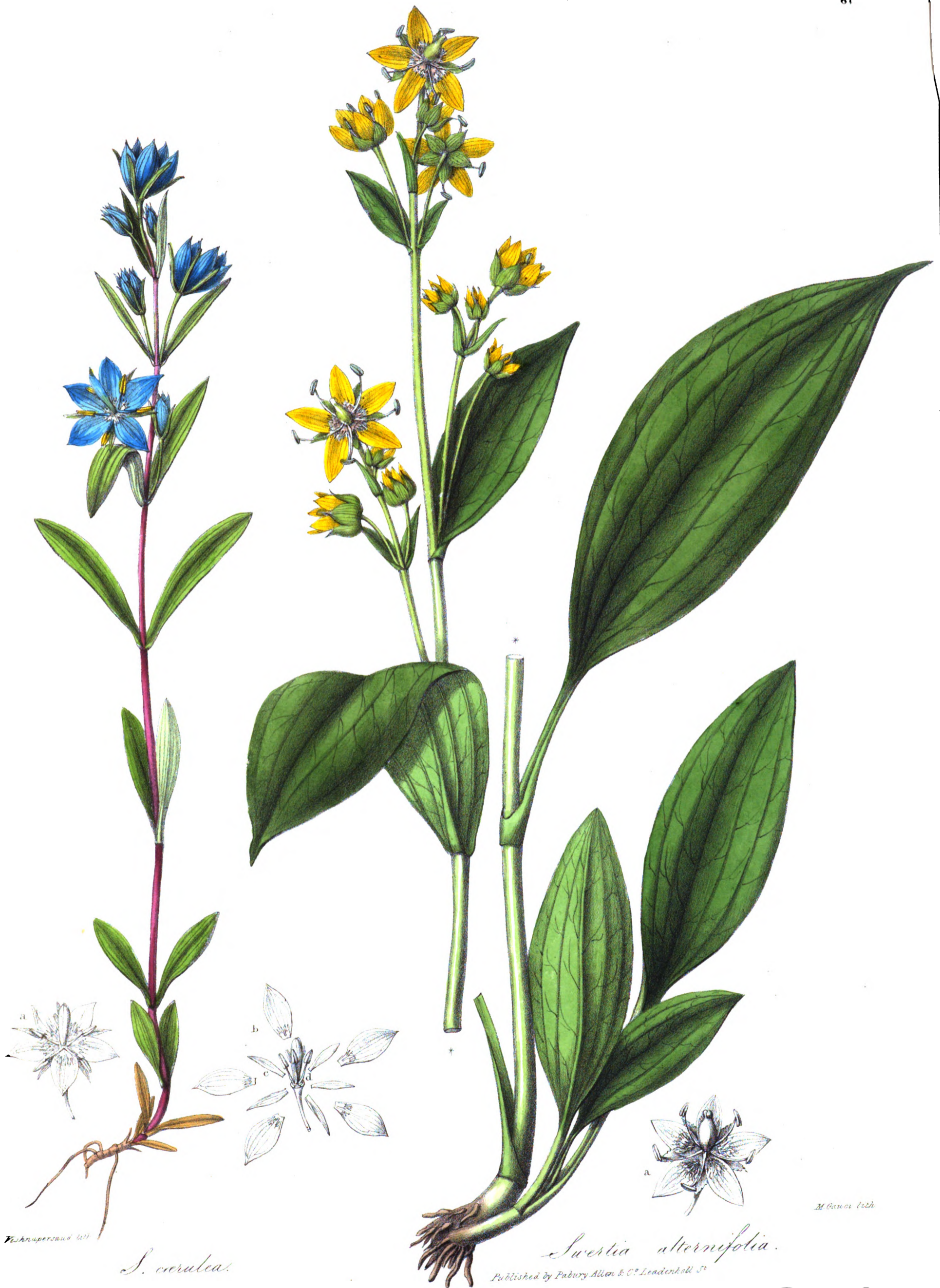
Published by Messrs W. H. Allen & Co. Leadenhall St.  
Printed by Gray & Sons

M. Gouca del.









Fischerupersand del.

*S. caerulea.*

*Swertia alternifolia.*

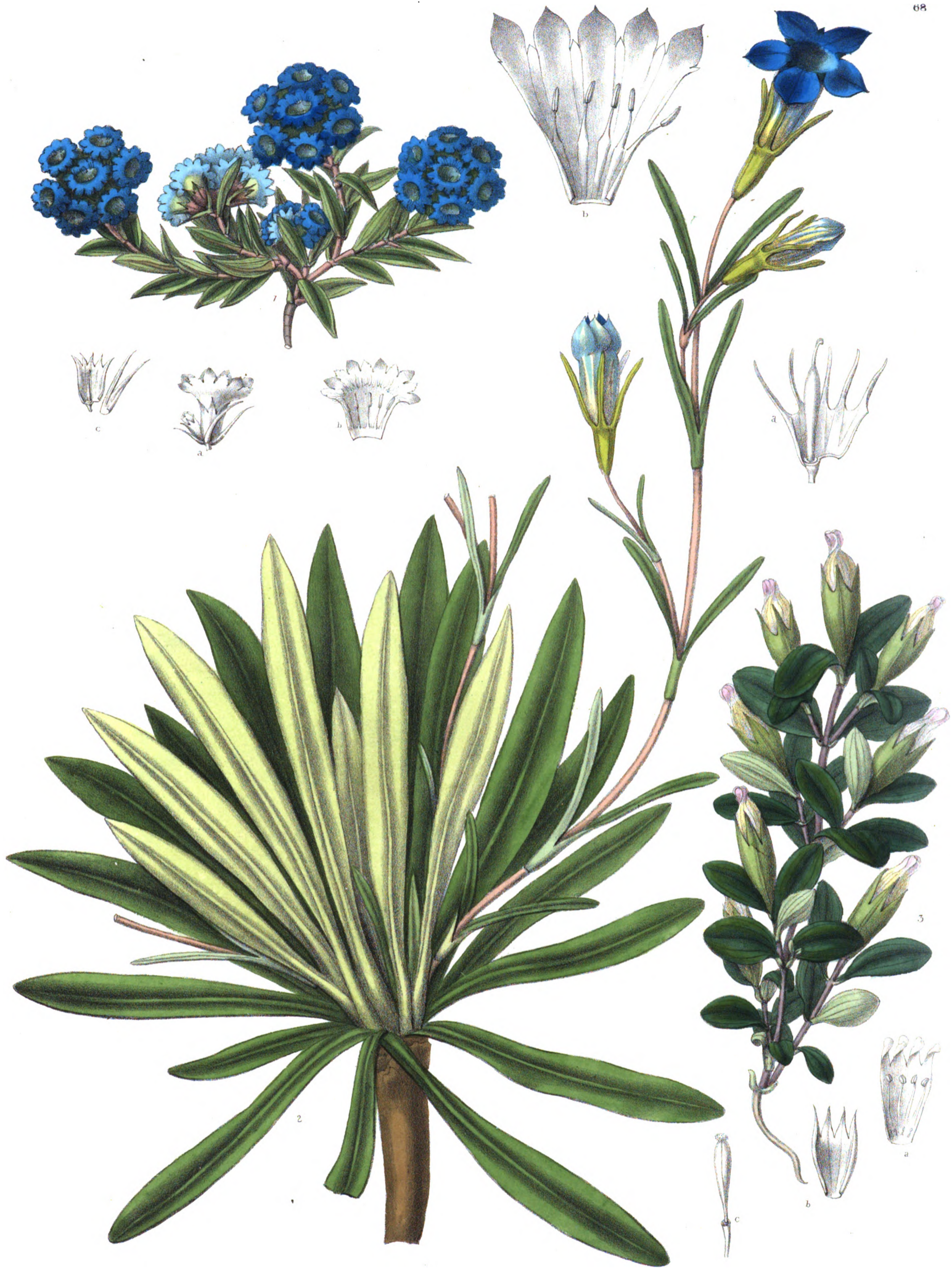
Published by Pabury Allen & Co. Leadenhall St.











1. *Gentiana coronata*. 2. *G. Kuroo*.

3. *G. concolta*.

M. B. 1872

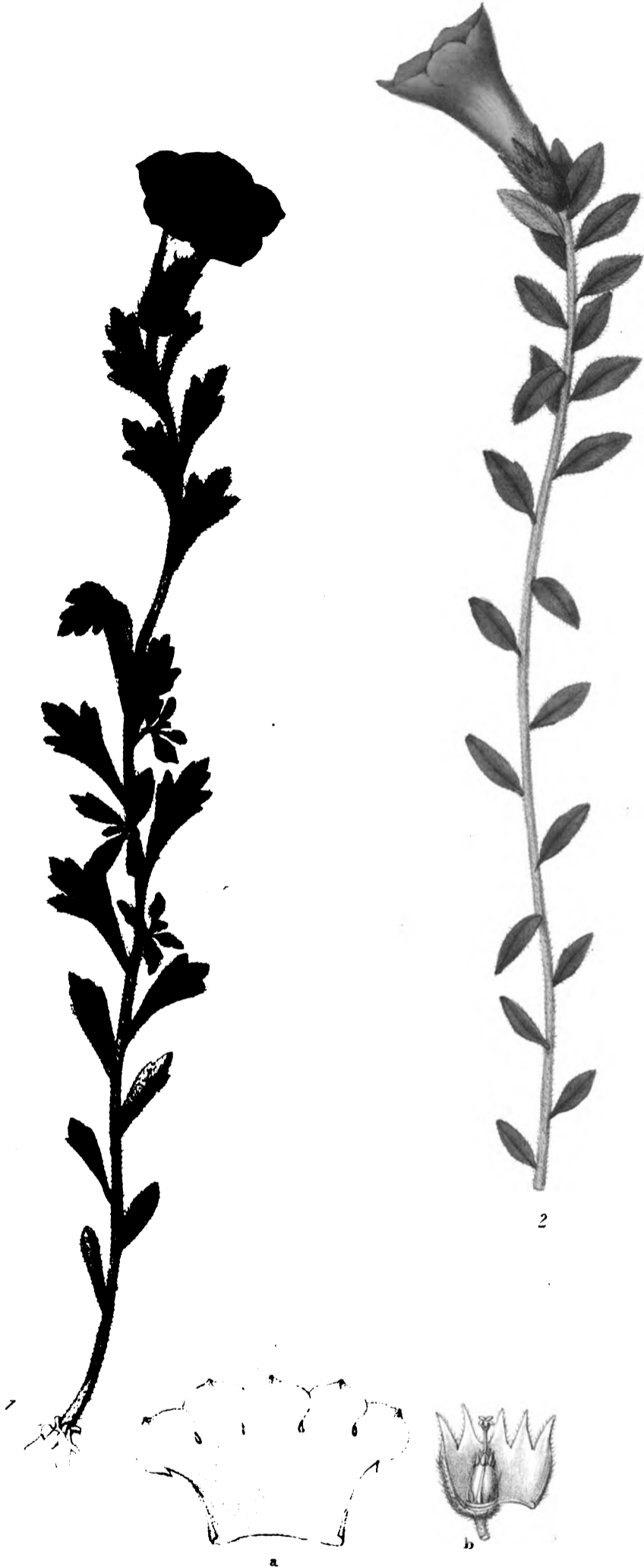
Printed by...

Published by Parry Allen & Co. London Hall St.









1. *Cyananthus lobata*. 2. *C. integra*. 3. *Codonopsis ovata*.

Published by Parbury, Allen & Co. Leadenhall St.  
 Printed by Grafton Street.

M. Goussier del.











1. *Didymocarpus macrophylla*

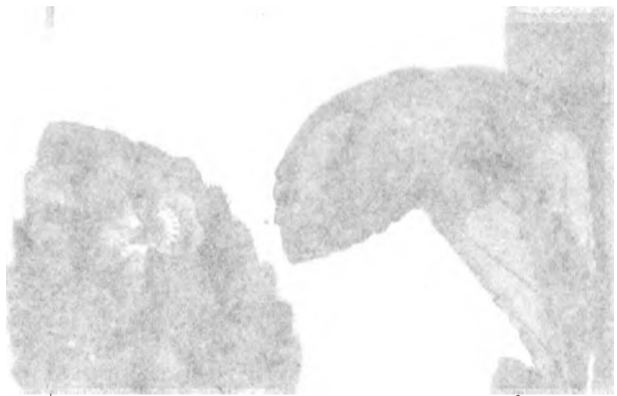
2. *Chirita bifolia*

M. Gausi del.

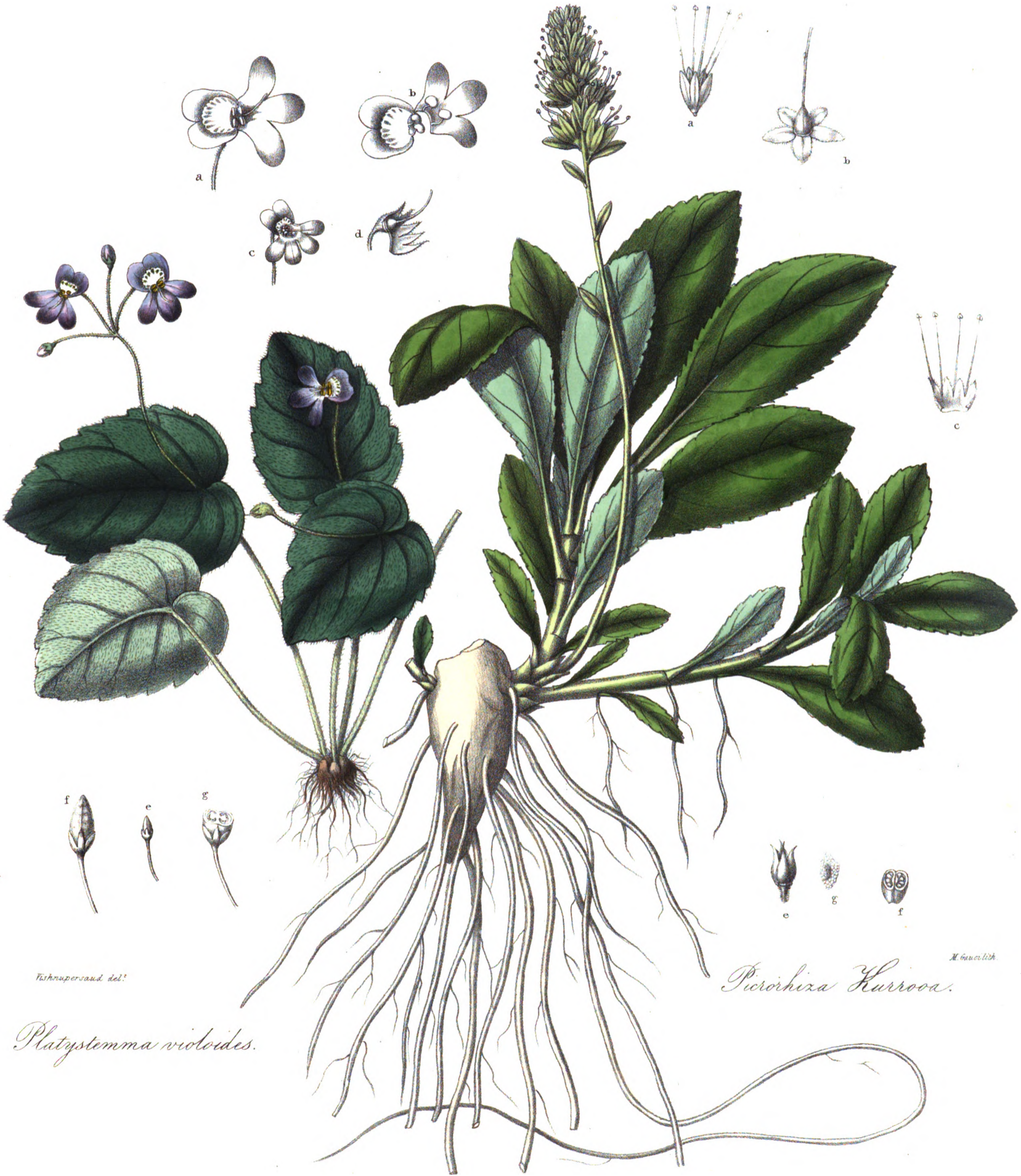
Published by Messrs W.H. Allen & Co. Leadenhall St.

Printed by Graf & Sons.









Fishrupersaud del.

*Platystemma violoides.*

*Picrorhiza kurroa.*

M. Gausulith.











1. *Amphicome variegata*.

2. *Pedicularis versicolor*.

1850. Schimper, Schimper & Thunberg.

M. G. B. G. B.

Published by Messrs W. H. Allen & Co. Stationers, 15, Abchurch Lane, London, E.C. 4.









1 *Aechusa mollificida*. 2 *Lantana dubia*

3 *Gymnandra Cashmeriana*











Kuhnpersaud del.

M. Bauer lith.

*Eremostachys superba.*

Published by Parbury Allen & Co. Leaderhall St.









1 *Anchusa mollisoides*. 2 *Lantana dubia*

3 *Gymnandra Cashmiriana*











F. Rupersaud del.

M. Bauer sculp.

*Eremostachys superba.*

Published by Parbury Allen & C<sup>o</sup>. Leadenhall St.









*Luchman Song del.*

*M. Bauer lith.*

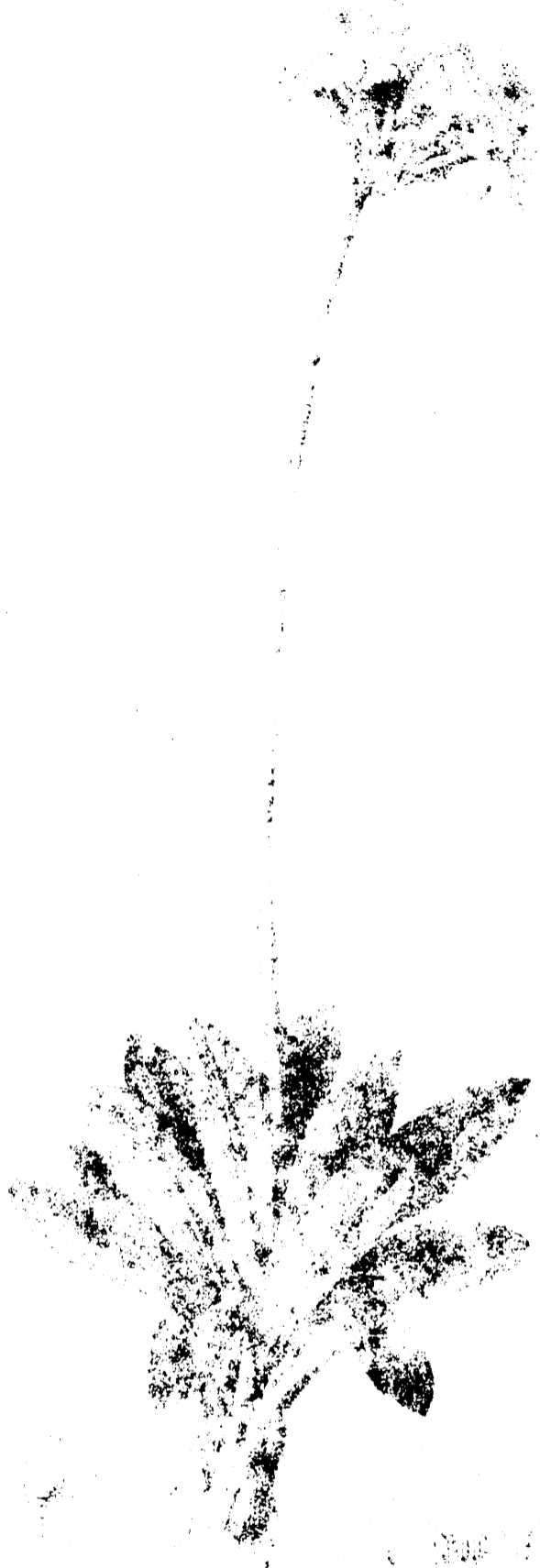
*Phlomis Kashmiriana.*

*Salvia hians.*

*Published by Furbury, Allen & Co. Leadenhall St.*

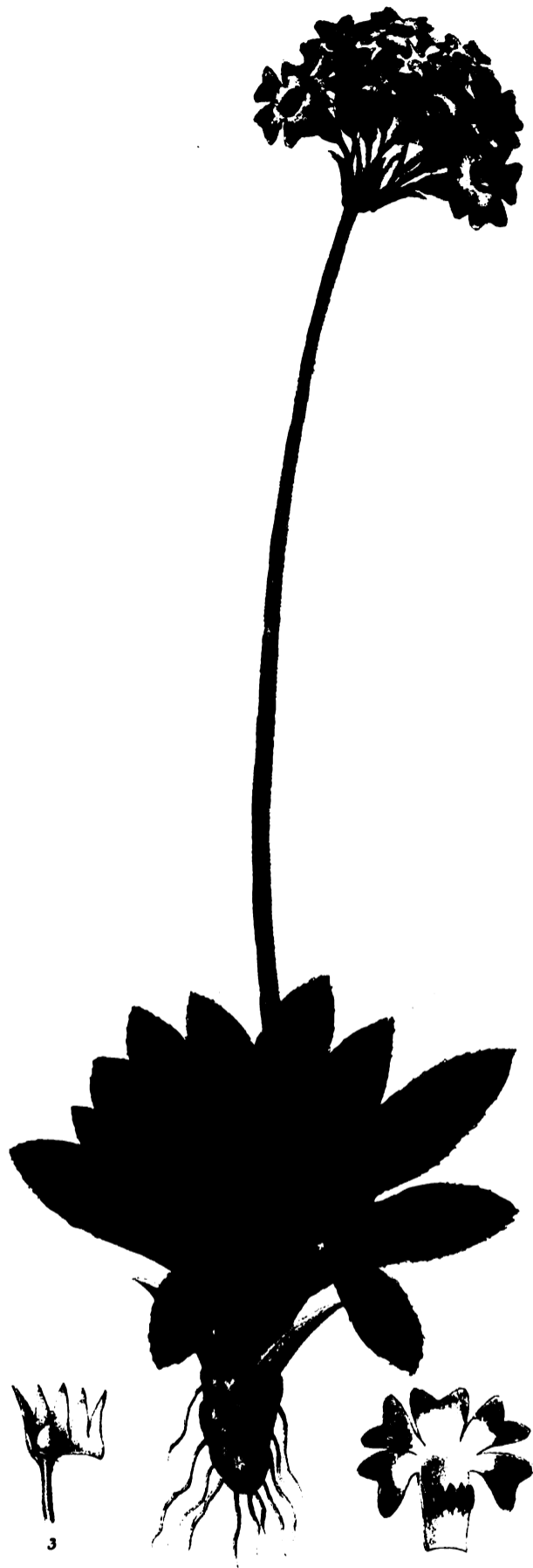
*Printed by Graf & Sons*











*Reichenow del.*

*Primula rosea*



*M. Gussone del.*

*Primula elliptica*

London. Published by Parbury Allen & Co. Leadenhall Street.

Printed by Graf & Soret









1. *Primula oblusifolia*      2. *P. purpurea*.

Published by Parbury Allen & Co Londonhall St

Printed by Gray & Son

M. G. S. 1841











*Wohnpetersen del.*

*M. Gussone lith.*

*Rheum Spiciforme*

London Published by Parbury, Allen & Co. 15, South Wall Street.

Printed by Graf & Sons









1. *Rheum Webbianum*.

2. *Balanophora dioica*.

Published by W.H. Allen & C. Leadenhall St.











1. *Polygonum echinatum*.

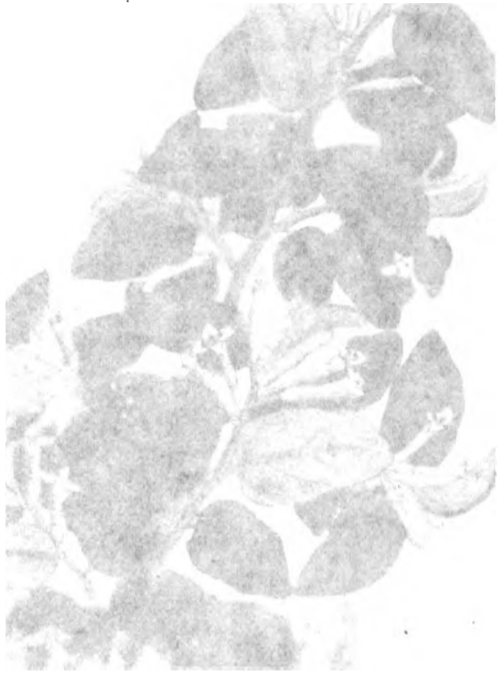
2. *Polygonum vacciniifolium*

3. *P. Brunonis*.

Published by Messrs W. H. Allen & Co. London & W. S. Printed by G. & J. Smeeth.

M. Gaudet del.









N. Gucci del.

1. *Elicagnus parvifolia*

2. *Daphne mucronata*

Published by Messrs W.H. Allen & Co. London & all else  
Printed by Griffin & Sons.











1. *Euphorbia pentagona*. 2. *E. humilis* 3. *E. nana* 4. *E. Kashmiriana*.

Published by Messrs W.H. Allen, & Co. London & N.Y.

M. Goussier del.









*Putranjiva Roxburghii*

Published by Messrs W. R. Allen & Co. Leadenhall St.  
Printed by Grafton & Sons.

M. Goulet del.





M. Gussone del.

1. *Procris racemosa*. 2. *P. peduncularis*. 3. *P. obtusa*.

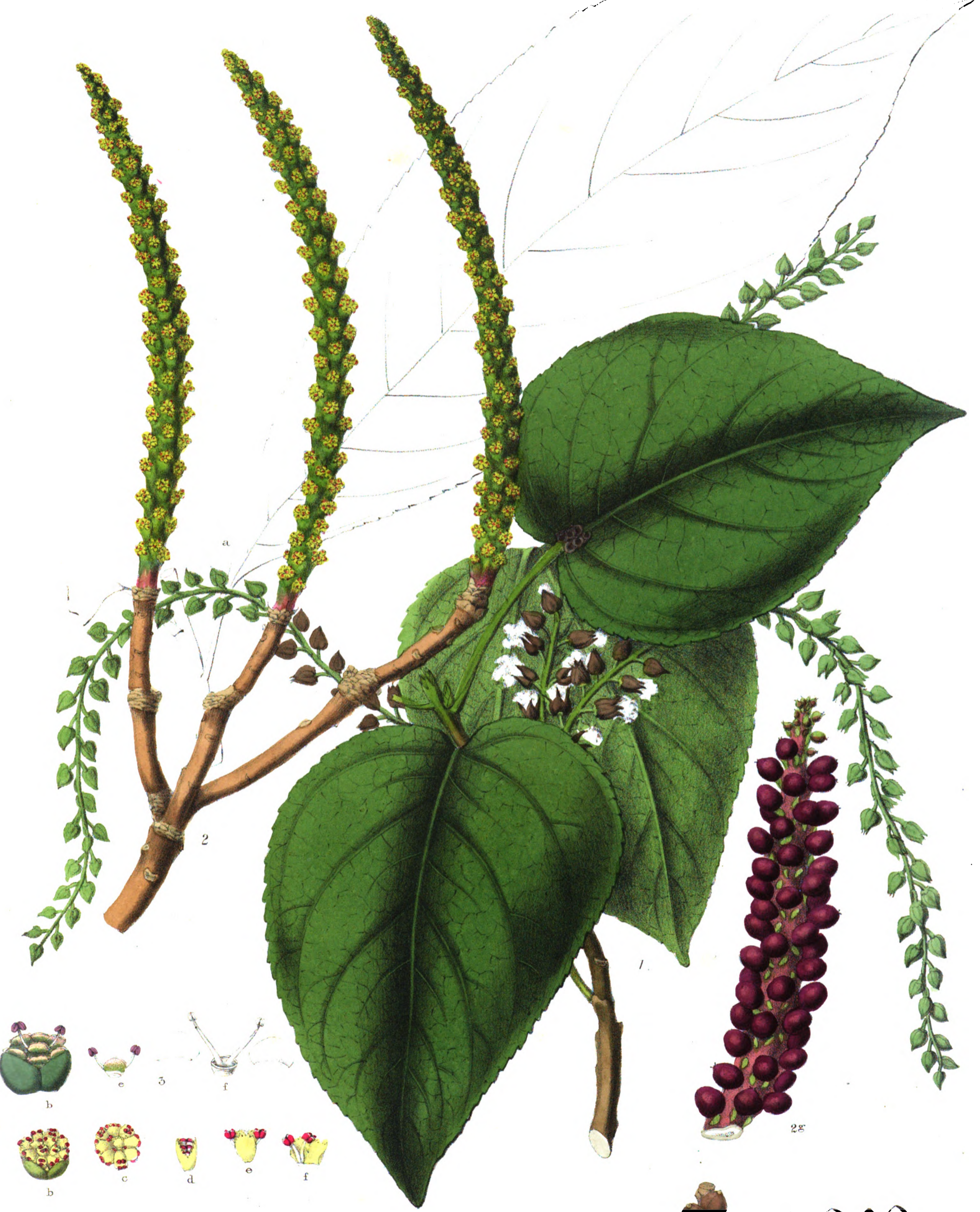
Published by Messrs W. & A. G. & Co. London, 1847.  
Printed by W. & A. G. & Co.







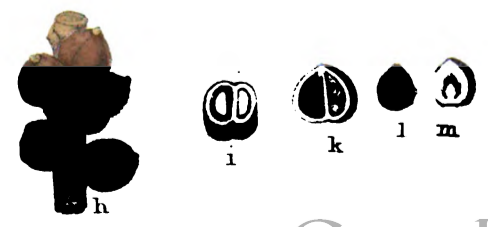




1. *Populus ciliata*. 2. *Falconeria insignis*. 3. *F. Wallichii*.

Drawn from the herbarium.

Published by Messrs W.H. Allen & Co. 1, Cadogan Hall, S.W.











1. *Pinus Khatron.*

2. *Quercus dealbata.*

M. Gausi del.

Published by Messrs W. H. Allen & Co. Leadonhall, S.

Engraved by Prof. R. Sargent







1. *Pinus longifolia*

2. *Pinus Gerardiana*

Painted by J. G. Smith & C. Leach del.

London: J. G. Smith & C. Leach del.





1. *Pinus longifolia!*



2. *Pinus Gerardiana!*

Published by Messrs. W. H. Allen & C. Leadenhall St.  
Printed by G. & J. Colver.









*Abies Pindrow.*

Published by Messrs. W. H. Allen & Co. London, and S. S. White, New York.  
Printed by G. & S. S. White.











1. *Aceras augustifolia*.

2. *Peristylus goodyeroides*.

3. *Herminium gramineum*.

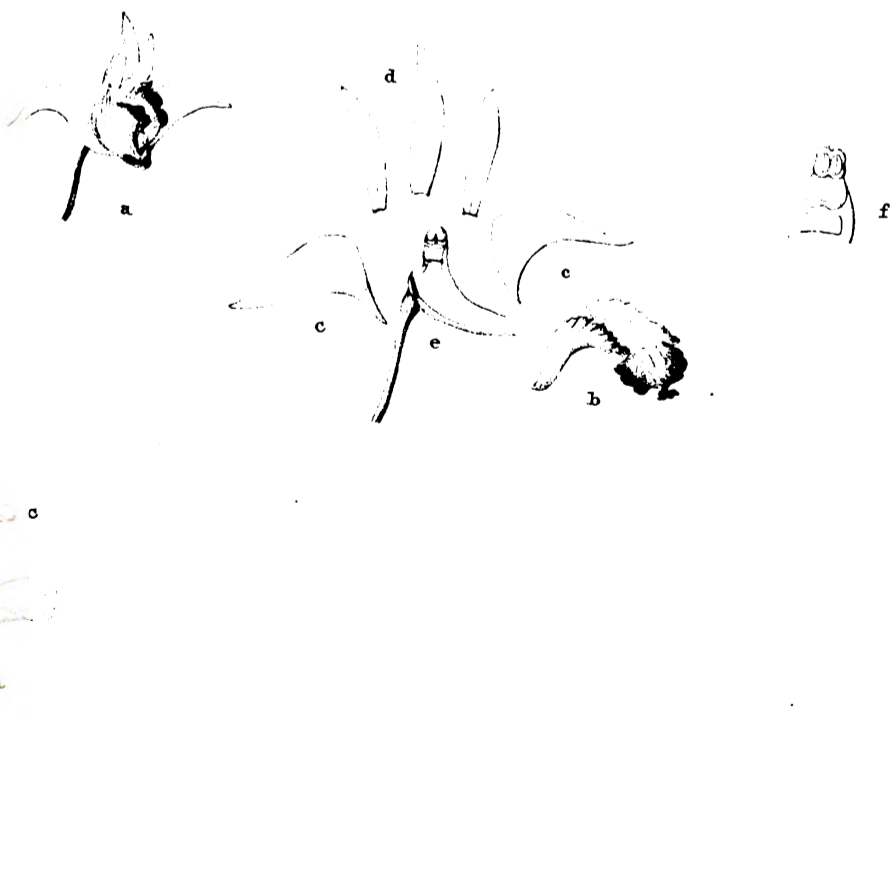
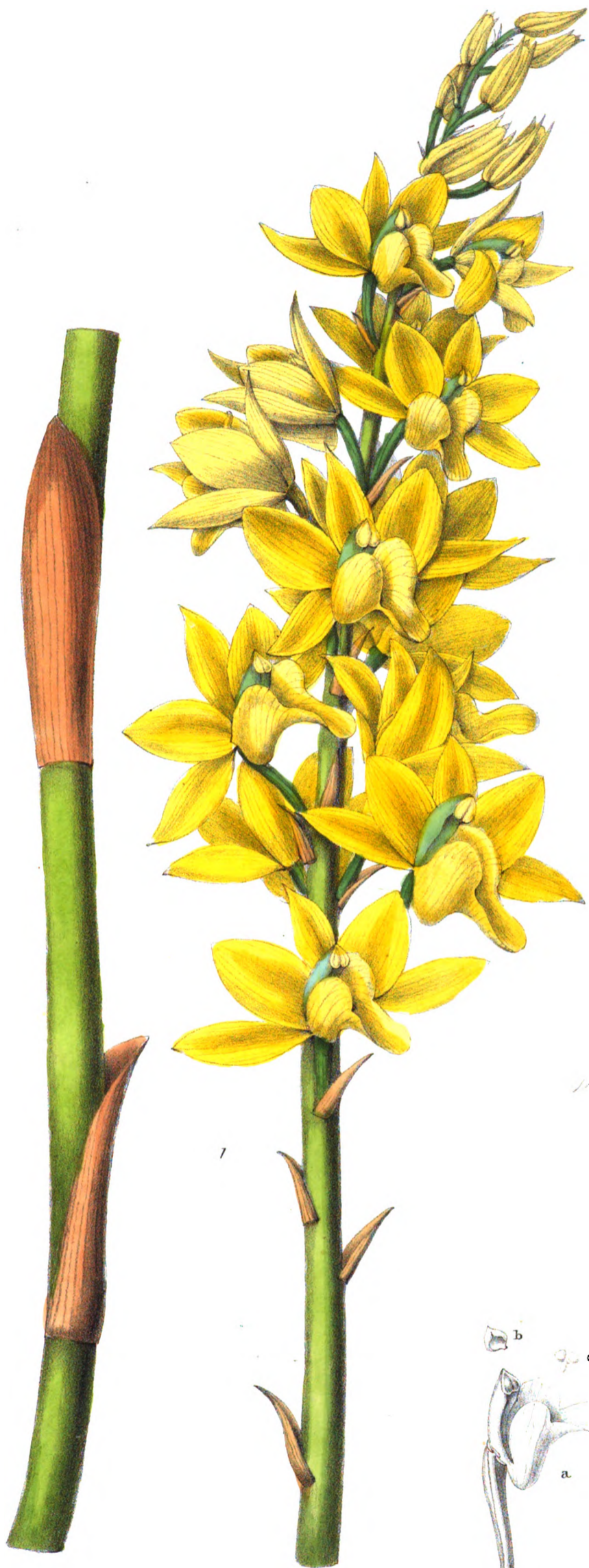
Published by Messrs W.H. Allen & Co. Leadenhall St.

M. Goussier del.









1. *Cyrtopora Flava*:

2. *Dendrobium alpestre*:

*M. Cassin del.*

Published by Messrs W.H. Allen & Co. Leadenhall St.  
Printed by Gray & Son











1. *Roscoeia alpina*.

2. *R. spicata*.

3. *Roscoeia purpurea*.

M. G. C. L. 1846.

Published by Messrs W. H. Allen & Co. Londonhall St.









1. *Crocus sativus* var. *Kashmerianus*. 2. *Iris Nepalensis*.

Published by Messrs W.H. Allen & Co. Leadenhall St.











1. *Burmannia caelestis*.

2. *Iris longifolia*

3. *Hypoxis minor*.

Published by Messrs W. H. Allen, & Co. Leadenhall St.

M. Goussier del.









1. *Fritillaria Thomsoniana*



2. *Fritillaria verticillata*

Published by W.H. Allen & Co. London and New York











M. Goulet del.

1. *Trillium Goranianum*.

2. *Lloydia Himalensis*.

3. *L. Hunanurensis*.

Chen. Pant. de la. 1840

Publ. par le ~~VI~~ *Journal de Botanique*









1. *Smilax Maculata.*

2. *S. Villandia.*

Published by Wm. H. Allen & Co. Leaderhall S<sup>r</sup>











1. *Butomus lanceolatus*.

2. *Gagea elegans*.

3. *Murdannia scapiflora*.

Published by W. & A. Nisbet & Co. Ltd. London & Edinburgh.

J. Graf, Printer to Her Majesty.









1. *Ophiopogon intermedius*.

2. *Uvularia Leschenaultiana*

H. G. G. lith.











1, *Eriocaulon Sollyanum* 2, *Hordeum Agiceras* 3, *Andropogon Calamus Aromaticus*.

Published by W. I. Allen & Co. Leadenhall Street  
Printed by J. G. & J. S. Colver, St. Dunstons














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