

On the hazel, Holywood, near Belfast, Ireland, Mr. Haliday. Found near London.

Fem. Corpus longum, angustum, sublineare, nitens, scitissime squameum, parce hirtum: caput transversum, breve, thorace paullo latius; vertex latus; frons abrupte declivis: oculi mediocres: antennæ capitatae, thorace paullo breviores; articulus 1^{us} gracilis, fusiformis; 2^{us} longicyathiformis; 3^{us}, 4^{us} et 5^{us} sublineares, æquales; clava ovata, articulo 5^o multo latior et plus duplo longior: thorax longiovatus, parum convexus: prothorax conspicuus, latitudine longior, antice angustus: mesothoracis scutum depressum, latitudine longius; parapsidum suturæ non bene determinatæ; scutellum obconicum: metathorax mediocris: petiolus brevissimus: abdomen longiovatum, depressum, apice acuminatum, thorace paullo latius vix longius; segmentum 1^{um} magnum, 2^{um} et sequentia brevia: pedes graciles, simplices, subæquales; tarsis articulus 1^{us} brevis, 4^{us} longus; ungues et pulvilli minuti: alis nervus ulnaris humerali longior, cubitalis sat longior, stigma parvum subfurcatum fingens; radialis brevissimus.

[To be continued.]

XXVI.—*Floræ Insularum Novæ Zelandiæ Precursor; or a Specimen of the Botany of the Islands of New Zealand.*

By ALLAN CUNNINGHAM, Esq.

[Continued from p. 132.]

RUBIACEÆ, (*Juss.*)

(OPERCULARIÆ, *A. Rich.*)

1. OPERCULARIA, *Gærtn., A. Rich.*

466. *O. diphylla*, foliis ———, capitulis ex dichotomia ramorum stipitatis sphæricis involucris setoso-hispidis in capitulo pluribus 3—4 floris, corollis tetrandris. *DC. Prodr.* iv. p. 616. *Gærtn. Rœm. et Sch. Syst. Veg.* iii. p. 337.—*Rubioides diphylla.* *Soland. Ms. in Bibl. Banks.*

New Zealand.—1769, *Sir Jos. Banks.*

467. *O. aspera*, foliis oblongis scabris venosis, floribus capitatis pedunculis axillaribus. *DC. Prodr.* iv. p. 616. *Spreng. Syst. Veg.* i. p. 385. *Gærtn. Rœm. et Sch. Syst. Veg.* iii. p. 334.—*Rubioides aspera.* *Sol. Ms. in Bibl. Banks.*

2. GALIUM, *L. Juss.*

468. *G. tenuicaule*, annuum, caule debili valde attenuato tetragono retrorsum aspero, foliis quaternis spathulato-oblongis acutis basi angustatis aculeato-scabris, pedunculis axillaribus subtrifloris, folium subæquantibus, fructibus globoso-didymis glabris.

New Zealand (Northern Island). Damp woods on the Keri-Keri and Wangaroa rivers.—1834, *R. Cunningham.*

469. *G. propinquum*, annuum, caule attenuato debili decumbente tetragono glabro membranaceo, foliis quaternis (4 lineas longis) ellipticis acutis petiolatis margine aculeato-hispidis, pedunculis axillaribus solitariis folio vix longioribus, fructibus glabris globoso-didymis minutim tuberculatis.

New Zealand (Northern Island). Shaded woods, Wangaroa.—1833, *R. Cunningham.*

Obs. This species approaches very near to *G. humile* (*Cham. et Schlecht. in Linnæa*, 1825, p. 226.) a native of South America, the fruit of which is, however, described as being pubescent. *DC. Prodr.* iv. p. 604.

Quid *Galium umbrosum*, *Sol. Ms. in Forst. Prodr. n.* 500, absque descr. ? ex Nova Zelandia.

3. COPROSMA, *Forst.*

(*Pelaphia*, *Banks et Sol.*)

470. *C. lucida*; foliis ovatis utrinque acuminatis, pedunculis axillaribus compositis, floribus subcapitatis, antheris exsertis. *DC. Prodr.* iv. p. 578. *Forst. Prodr. n.* 138. *Ræm. et Sch. Syst. Veg.* vi. p. 210. *A. Rich. Fl. Nov. Zel.* p. 262. *Endl. Prodr. Fl. Norf.* p. 60.

New Zealand (Northern Island).—1773, *G. Forster*. (Middle Island), Bay of Islands, on the banks of rivers.—1826, *A. Cunningham*.

Obs. An species plures hic confusæ sunt ?

471. *C. foetidissima*, foliis ovato-oblongis angustis confertis glabris, floribus solitariis terminalibus sessilibus (inter folia conferta) antheris exsertis. *Forst. Prodr. n.* 138. *A. Rich. Fl. Nov. Zel.* p. 261. *DC. Prodr.* iv. p. 578. *Ræm. et Sch. Syst. Veg.* vi. p. 210.—*C. conferta*. *A. C. Mss.* 1826.

New Zealand (Middle Island). Queen Charlotte's Sound.—1773, *G. Forster*. (Northern Island,) Alluvial banks of rivers, Bay of Islands.—1826, *A. Cunningham*.

472. *C. propinqua*, foliis lanceolato-oblongis obtusissimis glabris, floribus solitariis paucis ad apicem ramulorum subsessilibus, ramis brachiatis virgatis strictis.

New Zealand (Northern Island). In shaded woods, Wangaroa.—1833, *A. Cunningham*.

Obs. Closely allied to the preceding, but the flowers are less crowded, and its leaves are smaller.

473. *C. rotundifolia*, foliis obovato-subrotundis obtusis subacuminatisve petiolatis subtus ramulisque virgatis pilosis, floribus axillaribus aggregatis pedicellatis.

New Zealand (Northern Island). In dry woods at Wangaroa, bearing "red drupæ."—Dec. 1833, *R. Cunningham*.

474. *C. rhamnoides*, foliis (parvis) obovato-rotundatis obtusis petiolatis glabris margine revolutis tenuissime ciliatis, petiolis ramulisque villosis, floribus axillaribus solitariis, ramis brachiatis rigidis patentibus dependentibus deflexis.

New Zealand (Northern Island). Banks of the Keri-Keri river.—1834, *R. Cunningham*.

475. *C. gracilis*, foliis (parvis) ovato-oblongis petiolatis obtusiusculis margine revolutis utrinque glabris, floribus axillaribus solitariis pedicellatis, ramulis erectis gracilibus villosis.

New Zealand (Middle Island).—1773, *G. Forster* (fide exemplar absque fructificatione in Herbario Banks. conservatur). (Northern Island,) a slender shrub, in alluvial soil on the banks of the Keri-Keri river, &c., Bay of Islands,—1834, *R. Cunningham*, bearing red berries in December.

476. *C. divaricata*, foliis obovato-oblongis obtusis petiolatis glabris, floribus axillaribus solitariis breviter pedunculatis, ramis divaricatis rigidis, ramulis tomentosis.

New Zealand (Northern Island). Dry woods at Wangaroa.—1826, *A. Cunningham*.—1833, *R. Cunningham*.

477. *C. acerosa*, foliis linearibus acerosis obtusis, fasciculatis lævibus margine revolutis floribus masculis axillaribus solitariis sessilibus tetrandris, ramulis strictis brevi tomentosis.—*Pelaphia acerosa*. *Sol. Ms. in Bibl. Banks.*

New Zealand (Northern Island).—1769, *Sir Jos. Banks*. Sandy rocks on the Hokianga, near the immediate shore.—1826, *A. Cunningham*. Sea coast, on the east side, opposite the Cavallos Isles.—1834, *R. Cunningham*.

Obs. Flores declives dioici. *Masculi* tetrandri. *Fæminei*, stylus bifidus, elongatus.

478. *C. repens*, (Rich.) caule frutescente prostrato, foliis obovalibus obtusis margine subsinuatis, pedunculis simplicibus axillaribus brevibus apice 3—5 floris, fructibus obcordatis. *A. Rich. Fl. Nov. Zel. p. 264.*—*C. pusilla*, *Sol. Forst. Prodr. n. 513. absq. descr.*

New Zealand (Middle Island). Cook's Strait and Astrolabe Harbour.—1827, *D'Urville*.

Obs. Frutex repens, prostratus. *Folia* opposita, obovalia, integra, glaberrima 2—3 pollicaria, margine subsinuosa basi sensim in petiolum vix pollicarem desinentia. *Pedunculi* axillares, solitarii. *Fructus* apice pedunculorum, 2—5, carnosi, binuculati, nucibus 1-ocularibus, 1-spermis.

479. *C. spathulata* erecta, virgata, glabra, foliis subrotundis obtusis vel emarginatis, basi sensim in petiolum attenuatis, floribus solitariis, stylis longissimis.

New Zealand (Northern Island). Shady rocks, Wangaroa, &c.—1826, *A. Cunningham*.—1834, *R. Cunningham*.

4. RONABEA, *Aubl., A. Rich. Mém. Soc. Paris, v. p. 270.*

Calyx tubus ovatus, limbus minimus 5-dentatus. *Corolla* oblonga subinfundibuliformis, lobis 5-petulis acutis, fauce nuda. *Antheræ* 5, oblongæ, inclusæ. *Stigma* bilamellatum. *Bacca* ovata umbilicata, foeta nucibus duabus 1-spermis hinc planis inde convexis. *DC.*

480. *R. ? australis*, foliolis obovalibus obtusis basi sensim in petiolum attenuatis, pedunculis axillaribus trifurcatis, floribus sessilibus subcapitatis. *A. Rich. Fl. Nov. Zel. p. 265.*

New Zealand (Middle Island). Astrolabe Harbour.—1827, *D'Urville*. *Patété*, incol., *D'Urville*.

Obs. Arbor sat grandis, dumosa, ramis teretibus, glabris. *Folia* opposita, subcoriacea, glaberrima, supra viridia, subtus pallidiora, 4—5 pollices longa, 2—3 lata. *Flores* 3—8 ad apicem pedicellorum sessiles congesti. *Fructus* distincti, ovoidei, pisiformes, subcarnosi, apice brevissime umbilicati, binuculati, nucibus 1-spermis.

“D’ailleurs le *Ron. australis* a de l’analogie avec une autre espèce nouvelle que nous avons désignée, dans notre travail sur les *Rubiacées*, sous le nom de *Ronabea morindoides*. Cependant le limbe du calice,

entier dans son bord, est un caractère qui ne s'est offert à nous dans aucune autre espèce du genre. Peut-être que si nous avions pu étudier l'organisation des diverses parties de la fleur, nous eussions été porté à faire de notre plante un genre nouveau." *A. Rich.*

Affinis Psychotriæ, sed bacca non costata.

5. *NERTERA, Banks in Gærtn. Fr. Juss.*

481. *N. depressa.* DC. iv. p. 451. *Forst. Prodr. n. 501. Smith Ic. Ined. ii. t. 28.*—*Gomozia granadensis. Mutis in Linn. Suppl. p. 29.*

6. *GEOPHILA, Don, Prodr. Fl. Nep. 136.*

(*Psychotriæ, Sp. L.*)

Calyx 5-partitus, laciniis linearibus patenti-recurvis. *Corolla* tubulosa, fauces pilosæ lobis 5 ovatis subrecurvis. *Antheræ* 5 inclusæ. *Stigma* bifidum. *Bacca* ovoidea costato-angulata calyce coronata bilocularis disperma.

482. *G. ? dichondræfolia*, hispido-pilosa, foliis (semiuncialibus) latissime ellipticis subreniformibusve cordatis acuminatis petiolum æquantibus, floribus — fructibus subsessilibus solitariis terminalibus.

New Zealand (Northern Island). In dry woods on the shores of the Bay of Islands, at Waimaté, Hokianga, &c.—1834, *R. Cunningham*. "Bearing orange-coloured berries" in December.

I have been induced to refer this plant (clearly, I conceive,) of *Rubiaceæ* to *Geophila* of Don, as much from its habit, as from the structure of its fruit, reported to be an orange-coloured bacca.

7. *VISCUM, L.*

483. *V. antarcticum*, ramis compresso-teretibus, ramulis ancipitibus, foliis oblongo-ovatis basi attenuatis petiolatis obtusis undulatis, enerviis, racemis, ramis axillaribus terminalibusve patentibus articulatis. *Forst. Prodr. n. 370. A. Rich. Fl. Nov. Zel. p. 269. DC. Prodr. iv. p. 285.*—*Tupeia antarctica. Schlechtend. in Linnæa, ii. p. 203.*

New Zealand (Middle Island).—1773, *G. Forster*. (Northern Island,) parasitical on *Avicennia tomentosa*, Br., on the banks of the Kana-Kana river.—1834, *R. Cunningham*.

484. *V. pubigerum*, ramis teretibus lævibus dichotomis, foliis elliptico-rhomboideis obtusis basi attenuatis venosis margine asperis, nervo medio ramulisque pubescentibus, floribus terminalibus lateralibusve umbellato-racemosis.

Tiran-riki, incol., *R. Cunn.*

New Zealand (Northern Island). Upon several trees on river banks, at the Bay of Islands. *A. Cunningham*.

485. *V. salicornioides*, aphyllum, ramosissimum, ramis teretibus articulatis, vaginis dilatatis.

New Zealand (Northern Island). Parasitical on *Leptospermum scoparium*, the *Kahikitra* of the natives, Keri-Keri river, Bay of Islands.—1834, *R. Cunningham*.

8. *LORANTHUS, L.*

486. *L. tetrapetalus, L. Forst. Prodr. n. 156. Schult. Syst. Veg. vii. p. 60. DC. Prodr. iv. p. 295. A. Rich. Fl. Nov. Zel. p. 268.*

New Zealand (Middle Island). Queen Charlotte's Sound.—1773, G. Forster. (Northern Island.) Parasitical on *Metrosideros tomentosa*, or *Pohntu-Kana* of the natives; is also occasionally on the branches of *Vitex littoralis*, their *Puriri*, in the forests of Wangaroa.—1826, A. Cunningham.—1834, R. Cunningham.

Folia subpetiolata, opposita, ovalia, obtusa, erecto-patentia. *Flores* ex axillis vel cicatricibus foliorum oriuntur, pedunculati, sæpe solitarii, sæpe etiam bini, terni, quaterni, in singulo fasciculo, aurantio-coccinei.

9. Genus CORNEIS affine.

ALSEUOSMIA.

Calycis tubus ovario adnatus, limbo supero 4—5-fido, deciduo, laciniis ovatis æstivatione valvata. *Corolla* infundibuliformis, tubo elongato calyce multoties longior, fauce imberbi-limbus 5-partitus regularis, laciniis ovatis acutiusculis, margine divisis sinuato-repandis peræstivatione valvata. *Stamina* 5, æqualia, brevia, ori tubi inserta et cum laciniis alterna. *Discus* epigynus. *Antheræ* ultra faucem exsertæ, biloculares, longitudinaliter dehiscentes: ovarium biloculare, loculis 2—5 ovulatis vel indefinitis. *Stylus* elongatus, filiformis, glaber, longitudine staminum. *Stigma* depresso-capitatum indivisum. *Bacca* turbinata, obovata, glabra, infera, 1-locularis, polysperma, aut interdum abortu oligosperma. *Semina* obovata, curvata, obtusa, latere exteriori convexa, interiore angulata, medio interiore umbilico instructa. *Testa* brunnea, lævis, crassa, rugulosa, pulchre reticulata. *Albumen* copiosum, carnosum. *Embryo* minutus, rectus, albumine 4—5^{ies} brevior, dicotyledoneus, juxta basin albuminis. *Cotyledones* subfoliacei, sibi incumbentes. *Radicula* brevis, crassa, obtusa, ab umbilico remota. *Plumula* inconspicua. *Frutices erecti, sempervirentes*, 2—3 pedales. *Folia alterna, exstipulata, petiolata, oblonga, subintegra seu lobata*. Petioli basi dilatata. *Flores* odoratissimi, *pedicellati, bracteati, laterales seu terminales, solitarii aut fasciculati, subracemosi*.

Flores harum plantarum in sylvis natalibus suis, gratissimum late spirant odorem, unde nomen Generis, ex *αλσος lucus*, et *ευοσμια gratus odor*.

487. *A. linariifolia*, foliis (uncialibus) lineari-lanceolatis acuminatis margine revolutis, floribus terminalibus solitariis aggregatisve, ramulis virgatis pubescentibus.

New Zealand (Northern Island). Margins of dry woods, Bay of Islands.—1826, A. Cunningham.

488. *A. ligustrifolia*, foliis (uncialibus) oblongis oblongo-lanceolatisve obtusis margine revolutis integerrimis vel rarissime parum dentatis subtus discoloribus, floribus lateralibus, ramulis tenuissime pubescentibus.

New Zealand (Northern Island). Shaded woods at Wangaroa.—1833, R. Cunningham.

489. *A. Banksii*, gracilis, foliis elliptico-oblongis rhomboideisve obtusis basi attenuatis longe petiolatis margine revolutis subintegris dentato-repandis

lobatisve, floribus lateralibus terminalibusve subsolitariis, ramulis pubescentibus. *Fagoides triloba*. *Banks et Sol. Mss. in herb. Banks, absque fructificatione.*

New Zealand (Northern Island).—1769, *Sir Jos. Banks*. Skirts of woods on the shores of the Bay of Islands.—1834, *R. Cunningham*.

490. *A. palæiformis*, foliis absque petiolis (vix semiuncialibus) longe petiolatis subrotundis rhomboideisve obtusis integerrimis vel parum dentatis basi subcordatis simplicibusve, floribus axillaribus subsolitariis, ramulis tenuiter virgatis strigoso-pubescentibus.

New Zealand (Northern Island). Dense forests of Wangaroa, &c.—1833, *Rich. Cunningham*.

491. *A. atriplicifolia*, foliis elliptico-rhomboideis subrotundisve, obtusis longe petiolatis integris repando-dentatisve, floribus axillaribus aggregatis ramulis glabriusculis.

New Zealand (Northern Island). Dry woods at Wangaroa, &c.—1833, *Rich. Cunningham*.

492. *A. Ilex*, foliis elliptico-oblongis subacuminatis obtusis integerrimis lobatisve, floribus lateralibus terminalibusve fasciculato-racemosis, ramulis glabris.

New Zealand (Northern Island). Shaded woods in the country between the Bay of Islands and Hokianga River.—1826, *A. Cunningham*:—1833, *R. Cunningham*.

493. *A. quercifolia*, foliis ovato-oblongis acuminatis petiolatis distanter lobatis subintegerrimisve, foliis lateralibus fasciculatis, ramulis gracilibus glaberrimis.

New Zealand (Northern Island). Dry woods on the shores of the Bay of Islands.—1826, *A. Cunningham*.

494. *A. macrophylla*, foliis (4—5 uncialibus) oblongis obovatisve coriaceis lævibus obtusis basi attenuatis integerrimis dentatisve, floribus lateralibus solitariis aggregatisve, ramulis glaberrimis.

New Zealand (Northern Island). Margins of dry woods, Hokianga River, &c.—1826, *A. Cunningham*.

This new genus is very closely allied to *Cornea*, DC., as also to the *Caprifoliaceæ* and *Loranthaceæ*, DC.; it appears, however, to constitute a distinct family differing from *Corneæ* in having a monopetalous flower and a baccated fruit, pulpy within, containing several seeds; from *Caprifoliaceæ*, in the stamens being inserted into the corolla, in having an embryo situated at the lower extremity of the albumen, and alternate leaves; and from *Loranthaceæ*, in having a monopetalous flower with a long tube, short segments, with which the stamens are alternate, a bilocular ovary, each cell with several ascending ovules, and a minute embryo, several times shorter than the fleshy albumen.

UMBELLIFERÆ, *Juss.*

1. HYDROCOTYLE, *L.*

495. *H. elongata*, tota villis densis patentibus, foliis longe petiolatis reni-

formibus quinquelobis, lobis divaricatis cuneiformibus retusis incis, incisuris tridentatis, umbellis pedunculatis multifloris, mericarpiis utrinque 1-costatis, pedunculis petiolo quater longioribus, caule debili repente.

New Zealand (Northern Island). Wet grounds near the Keri-Keri river, Bay of Islands.—1834, *R. Cunningham*.

496. *H. microphylla*, depressa, repens, foliis orbiculato-reniformibus laxè pilosis quinquelobis, lobis inæqualiter dentatis, pedunculis glabris petiolo subæqualibus, umbellis multifloris (10—12), fructibus glabris didymis, mericarpiis utrinque 1-costatis.

497. *H. Novæ Zelandiæ*, foliis orbiculato-reniformibus utrinque petiolisque hirtis 7-nerviis obsolete 7-lobatis acute et irregulariter dentatis, pedunculis glabris petiolo quadruplo brevioribus, umbellis dense capitatis 10—12 floris, fructibus subdidymis utrinque 1-costatis. *DC. Prodr. iv. p. 67.*

New Zealand.—1827, *D'Urville*.

Obs. An verè species distincta a præcedente?

498. *H. dichondræfolia*, foliis cordato-reniformibus lobato-crenatis 7-nerviis minutissime scabris, petiolis hirtis pedunculo glabro longioribus, umbellis sub 6—8 floris, fructibus didymis glabris utrinque 1-costatis.

New Zealand (Northern Island). In bogs at Waimate and Keri-Keri river.—1834, *R. Cunningham*.

499. *H. heteromeria*, glabra, foliis reniformibus 7-nerviis obsolete 7-lobatis, lobis obtusis crenatis pedunculo petiolo flaccidis multo brevioribus, umbella 6—8-flora capitata, fructu hinc lævi, illinc tuberculato-rugoso discolori utrinque unicostato. *DC. Prodr. iv. p. 66. A. Rich. Fl. Nov. Zel. p. 271.*

New Zealand (Northern Island).—1769, *Sir Jos. Banks*.

500. *H. compacta*, villosa, foliis orbiculato-reniformibus parvulis 7-nerviis inciso-dentatis, pedunculis fasciculatis brevissimis, umbellis 15—20 floris dense capitatis, fructibus subdidymis utrinque bicostatis. *DC. Prodr. iv. p. 66. A. Rich. Fl. Nov. Zel. p. 271.—H. capitata. Banks et Sol. Ms. in Herb. Banks.; non Pet. Thouarsii vel Humboldtii.*

New Zealand (Northern Island).—1769, *Sir Jos. Banks*.

501. *H. moschata*, tota hirtella, foliis reniformibus sub 5-lobatis dentatis 5-nerviis, lobis acutis pedunculis petiolo brevioribus gracilioribus, umbella capitata 10-flora, fructibus orbiculato-didymis utrinque bicostatis glabris. *DC. Prodr. iv. p. 67. Forst. Prodr. n. 136. A. Rich. Fl. Nov. Zel. p. 272. Rich. Hydr. n. 42. t. 24.*

New Zealand (Middle Island).—1773, *G. Forster*.

502. *H. Asiatica*. *L. Schult. Syst. Veg. vi. p. 348. DC. Prodr. iv. p. 62. Rich. Hydr. n. 15. f. 11.*

New Zealand (Northern Island). Low marshy grounds at Wangaroa.—1826, *A. Cunningham*.—1833, *R. Cunningham*.

2. PETROSELINUM, *Hoffm. Umb.*

(*Apii* Sp. L. *Spreng.*)

503. *P. prostratum*, caule procumbente flexuoso, foliis pinnatisectis, segmentis petiolulatis pinnatifidis, laciniis 5—7 lanceolatis, ultimis apice trifidis, umbellis subsessilibus oppositifoliis involucri submonophyllo. *DC.*

Prodr. iv. p. 102. *A. Rich. Fl. Nov. Zel.* p. 278.—*Apium prostratum*. *Schult. Syst. Veg.* vi. p. 430. *Labill. n. Holl.* i. p. 76. t. 103. *Venten. Malm.* t. 81.

Rau-orou, incol., *D'Urville*.

New Zealand (Middle Island). Astrolabe Harbour, on granite rocks.—1827, *D'Urville*. (Northern Island,) sea coast near Wangaroa.—1833, *Rich. Cunningham*.

504. *P. filiforme*, caule prostrato filiformi, foliis longe petiolatis 3-foliolatis, foliolis cuneatis apice inciso-dentatis, umbellis sessilibus 3—4 radiis. *A. Rich. Fl. Nov. Zel.* p. 278.

New Zealand (Middle Island). Cook's Strait, in swamps.—1827, *D'Urville*. (Northern Island.) On rocks, washed by salt water, Wangaroa,—1833, *R. Cunningham*.

3. *LIGUSTICUM*, *L. Koch, Umb.*

505. *L. Aciphylla*, caule vaginato, foliis flabelliformibus multifido-compositis, laciniis linearibus rigidis integerrimis nervosis pungentibus, mericarpis 3-costatis. *Spreng. in Sch. Syst. Veg.* vi. p. 554. *DC. Prodr.* iv. p. 159. *A. Rich. Fl. Nov. Zel.* p. 274.—*Aciphylla squarrosa*. *Forst. Gen.* t. 68. *Laserpitium aciphyllum*. *L. Suppl. Forst. Prodr.* n. 139.

New Zealand (Middle Island). Shores of Queen Charlotte's Sound.—1773, *G. Forster*.

Obs. Ex Icone certe non est *Laserpitium*! An proprium genus? *DC.*

506. *L. Gingidium*, caule striato, petiolis vaginantibus laxis, foliis pinna-tisectis, segmentis suboblique cordatis oblongo-ovatis obtusis crenatis nervosis. *DC. Prodr.* iv. p. 159. *Sch. Syst. Veg.* vi. p. 552. *A. Rich. Fl. Nov. Zel.* p. 276. *Gingidium montanum*. *Forst. Gen.* t. 21.

New Zealand (Middle Island). Mountains, near Queen Charlotte's Sound.—1773, *G. Forster*.

4. *PEUCEDANUM*, *Koch, DC.*

507. *P.?* *geniculatum*, glabrum ramoso-prostratum, caule tereti striato, foliis alternis basi cuneatis integerrimis apice semiorbicularibus crenatis, petiolo basi breve et obtuse auriculato, umbella pedunculata 2—3-radiata, involucri 2—3-phyllo, umbellulis multifloris apice inflexo-cordatis. *Forst. DC. Prodr.* iv. p. 182. *A. Rich. Fl. Nov. Zel.* p. 272.—*Bowlesia geniculata*. *Sch. Syst. Veg.* vi. p. 364. *Spreng. Umb.* p. 14. t. 5. f. 11.

New Zealand (Middle Island).—1773, *G. Forster*.

Obs. "Certè non est *Boulesia*, ob calycem edentatum, petala inflexo-obcordata, umbellatum radiatum. Non videtur *Peucedanum*, sed genus fructu ignoto me omnino latet."—*DC. loc. cit.*

5. *APIUM*, *L.*

508. *A. graveolens*. *L. Forst. Prodr.* n. 141. *DC. Prodr.* iv. p. 101. *A. Rich. Fl. Nov. Zel.* p. 277.

New Zealand.—1773, *G. Forster*.

Obs. Il est extrêmement probable que cette espèce a été introduite par les Européens. *A. Rich.* Yet *Forster* found it wild in 1773.

ARALIACEÆ, Juss.

1. PANAX, L. Forst.

509. *P. simplex*, foliis simplicibus petiolatis elliptico-oblongis acutis mucronulatis dentato-serratis, racemis terminalibus folio brevioribus. Forst. Prodr. n. 399. DC. Prodr. iv. p. 253. Sch. Syst. Veg. vi. p. 212. Willd. Sp. Pl. 4. p. 1152. A. Rich. Fl. Nov. Zel. p. 280. t. 31.

New Zealand (Middle Island). Dusky Bay.—1773, G. Forster.

510. *P. arboreum*, foliis longe petiolatis, foliolis 3—7 petiolulatis obovatis acutis argute dentatis glabris palmaribus, umbella composita terminali aut axillari, radiis 10—12 pollicaribus, involucris involucellisque nullis, floribus sæpius polygamiis. Forst. Prodr. n. 398. DC. Prodr. n. 253. Sch. Syst. Veg. vi. p. 213. Willd. Sp. Pl. 4. p. 1126. A. Rich. Fl. Nov. Zel. p. 281.

Wawa-paku, incol., R. Cunn.

New Zealand (Middle Island). Dusky Bay.—1773, G. Forster. Tasman's Bay.—1827, D'Urville. (Northern Island). In shaded forests.—1826, A. Cunningham.—1834, R. Cunningham.

Obs. Caulis arboreus, 12—15 pedalis, ramosus.

2. CUSSONIA, Thunb. Nov. Act. Ups.

511. *C. Lessoni*, foliis longe petiolatis digitatis, foliis 3—5, sessilibus coriaceis integris, oblongo-ellipticis acutis glabris aveniis, floribus racemoso-umbellatis terminalibus, fructu 5-loculari. A. Rich. Fl. Nov. Zel. p. 285. t. 32.—Panax? Lessoni. DC. Prodr. iv. p. 253.

Whau-whau, incol., sec. R. Cunningham.

New Zealand (Northern Island). Bream Bay, on the east coast.—1827, D'Urville. Sea shore opposite the Cavallos isles, within the range of the tide.—1833, Rich. Cunningham. Frutex 6—10 pedalis.

3. POLYSCIAS, Forst. Gen. Lamarch.

Calycis margo brevis denticulatus. Petala 5—7, sæpius 8, lanceolata, patentia. Stamina tot quot petala, iis alterna. Stylus 0. Stigmata 3—5 brevissima erecto-patentia. Bacca globosa calycis margine stigmatibusque coronata, 4-locularis, 4-sperma.

512. *P. pinnata*. Forst. Gen. t. 32. DC. Prodr. iv. p. 257. Endl. Syn. Fl. Norf. Insul. Occ. Austr. in Annal. der Wien. Mus. Band i. p. 177.

New Zealand (Middle Island).—1773, G. Forster. (Endl.)

Frutex. Folia pinnata. Umbella composita seu verticillato-prolifera, umbellulis multiradiatis planis, cæt. ign. Genus valde dubium. An *Araliæ* sp.? DC. An planta indigena Novæ Zelandiæ? Allan Cunningham.

4. ARALIA, Don. Kunth. DC.

513. *A. Schefflera*, caule fruticoso lævi, foliis longe petiolatis glabris digitatis, foliolis 5-petiolulatis lanceolatis basi attenuatis serrulatis, racemis terminalibus. Spreng. DC. Prodr. iv. p. 258. Sch. Syst. Veg. vi. p. 699. A. Rich. Fl. Nov. Zel. p. 283.—A. polygama. Sol. Ms. in Bibl. Banks.—*Schefflera digitata*. Forst. Gen. t. 23.

Paté et Horoika, incol., R. Cunningham.

New Zealand (Northern Island).—1769, Sir. Jos. Banks. On low flats,

subject to Wangaroa.—1826, *A. Cunningham*.—1833, *R. Cunningham*. (Middle Island).—1773, *G. Forster*. Astrolabe Harbour.—1827, *D'Urville*.

Arbor 12—15 pedalis.

514. *A. crassifolia* (*Sol. Ms.*), foliis incrassatis lævibus (in planta juvenili) simplicibus elongato-attenuatis remote dentatis dentato-incisive, arboris adulti ternatis spathulato-elongatis dentatis obtusis, floribus racemoso-umbellatis terminalibus, caule arborescenti. *Banks & Sol. Ms. in Bibl. Banks* (1769).—*A. heterophylla*. *Cunn. Ms.* 1826.

New Zealand (Northern Island).—1769, *Sir Jos. Banks*. Shaded woods, on the shores of the Bay of Islands, Wangaroa, &c.—1826, *A. Cunningham*.—1833, *R. Cunningham*.

Horoika, incol. *Arbor* polymorpha, 20—31 pedalis.

BIBLIOGRAPHICAL NOTICES.

Plantæ Javanicæ Rariores, descriptæ iconibusque illustratæ, quas in Insula Java, annis 1802—1818, legit et investigavit T. Horsfield, M.D. e siccis descriptiones et characteres plurimarum elaboravit J. J. Bennett; observationes structuram et affinitates præsertim respicientes passim adjecit R. Brown. Part I.—Allen and Co., Leadenhall Street, 1838.

This is one of the most valuable contributions, not only to our knowledge of the plants of the East, but to Botany in the abstract, which has appeared in this country; for the fruits of Dr. Horsfield's researches in Java have elicited some of those profound observations on structure from Mr. Brown, which are alone sufficient to stamp the work with a classical reputation.

But independent of these contributions from this eminent Naturalist, we view Dr. Horsfield's work with peculiar satisfaction, from the evidence it affords of the sagacity and research of Mr. Bennett, who holds the situation of Assistant in the Botanical department of the British Museum, and who has given ample proof in the work before us of his capacity to follow in the steps of his distinguished principal. It is with no little pride that we hail the dawn of a reputation which is to reflect lustre on our national establishment, for the accuracy and learning displayed by Mr. Bennett have placed him high in the rank of Botanists; and when we consider the advantages of his position, with one of the most magnificent Herbaria and libraries in Europe at his command, and the example under which he has pursued his investigations, we look forward with confidence to his maintaining by scrupulous care and research, and the principle of pure mental integrity, the reputation of the Banksian school, already so eminent by the names of Solander, Dryander, and Brown.



Cunningham, Allan. 1838. "XXVI.—Floræ insularum Novæ Zelandiæ precursor; or a specimen of the botany of the Islands of New Zealand." *Annals of natural history* 2, 205–214. <https://doi.org/10.1080/00222933809512373>.

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