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VICTORIA.

FIRST GENERAL REPORT

OF THE

GOVERNMENT BOTANIST

ON THE

VEGETATION OF THE COLONY.

Dated September, 1853.

LAI'D UPON THE COUNCIL TABLE, BY THE COLONIAL SECRETARY,

BY COMMAND OF

HIS EXCELLENCY THE LIEUTENANT GOVERNOR,

AND

ORDERED BY THE COUNCIL TO BE PRINTED,

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1853.

REPORT OF THE GOVERNMENT BOTANIST.

Botanic Gardens, Melbourne,
5th September, 1853.

SIR,

In obedience to His Excellency's command, I have the honor to transmit to you my General Report, partly compiled from those documents which I forwarded on several occasions during my journey, from February until June last, and partly resting on the subsequent examination of the specimens which I brought home.

Before I enter into any details on the classification of our indigenous vegetable world, on its relation in comparison with the plants of the adjacent countries, and on the practical uses to which we might possibly apply many of its productions, it may be considered necessary to delineate the route which I pursued during my last expedition.

I proceeded, at first, with deviations from the usual road wherever it appeared favourable for my pursuits, to Futter's Range, which rears, like some other granitic mountains in its vicinity, a host of very peculiar plants. Thence I directed my course to May Day Hills, from which place I advanced, after a brief stay, to the Buffalo Ranges, where I ascended Mount Aberdeen and another peak more than 4,000 feet high, and examined the rich, almost tropical, vegetation which borders the rivers rising in these mountains. It was in this locality that our exertions were rewarded with the discovery of the high, majestic *Grevillea Victoriae*, and other rarities. Indications of gold have been observed here, as well as in some parts of Gipps' Land which I subsequently visited. The Superintendent of the Melbourne Botanic Gardens, who was engaged during this part of the journey in collecting seeds, here parted from me, being obliged to return homeward to resume his duties at the Botanic Gardens.

As Mount Aberdeen offered hardly any plants of a true Alpine character, I resolved to ascend Mount Buller, whose summits, at an elevation of more than 5,000 feet, are covered throughout the greater part of the year with snow. Travelling quite alone since leaving the Buffalo Ranges, the ascent was not accomplished without considerable danger. But I was delighted to observe here, for the first time, this continent's Alpine vegetation, which in some degree presented itself as analagous with the Alpine Flora of Tasmania (*Ranunculus Gunnianus*, *Euryomyrtus alpina*, *Celmisia astelifolia*, *Gentiana Diemensis*, *Podocarpus montana*, *Trisetum antarcticum*, &c.), and which was also by no means destitute of its own peculiar species (*Phebalium podocarpoides*, *Goodenia cordifolia*, *Hovea gelida*, *Oxylobium alpestre*, *Brachycome nivalis*, *Anisotome glacialis*, &c.) Remarkably enough, only one of these exhibits any similarity to the singular subalpine forms discovered by Sir Thomas Mitchell on the Australian Grampians. Mount Buller had never before been scientifically explored; and Mount Aberdeen, up to this time, had not even been ascended.

After some other less elevated mountains in the neighbourhood had been also botanically examined, I resumed my journey along the Goulburn River and some of its tributaries to the King Parrot Creek, where I crossed the Yarra Ranges. The unusually heavy rainfall in the autumn would have frustrated any attempt to reach, as I then contemplated, the Alpine mountains of Gipps' Land, and I considered it therefore more advisable, at the already advanced season, to devote my time rather to the examination of the maritime plants which are in an almost equal state of development throughout the year.

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specimens which
Hutton collected
on Buller were
new to science
& being
types of his
descriptions)

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I went, accordingly, for some distance along the La Trobe River, to the south-eastern coast of Gipps' Land, passing some rich ravines, luxuriantly filled with two species of fern tree, *Alsophila Australis* and *Dicksonia antarctica*; the former of which seemingly never accompanies the *Dicksonia* far inland, but remains in those vallies which slope towards the sea. Notwithstanding these geographical limits, the *Alsophila*, occupying generally the drier localities on the hills, recommends itself better for transplanting.

After several weeks' travelling in the neighbourhood of Port Albert, and many excursions through Wilson's Promontory, I quitted Gipps' Land, returning homeward along the coast.

This journey, the lines of which extended over more than 1,500 miles, enriched my collections formed during the spring so far that they comprise probably now more than half the indigenous vegetation of this Colony. For, according to the Index which I have annexed, including also several plants discovered previously by Sir Thomas Mitchell and by His Excellency the Lieutenant Governor, there are known to me now already 715 species of Dicotyledoneæ, belonging to 286 genera and 83 natural orders; 201 species of Monocotyledoneæ, comprehending 100 genera and 21 natural orders; and 47 Ferns, containing 27 genera. About fifty other species, however, which I have not included in this general account, are not yet so exactly examined as to receive their true systematic position, and are consequently not enumerated in the list; while fifty others, not indigenous, but introduced species (marked with *), are likewise not taken into account, although they are not only naturalized beyond the possibility of extirpation, but even overpower the more tender indigenous plants. I regret that I was also obliged to omit from this Index all the lower Acotyledoneæ (Mosses, Lichenastræ, Lichens, Algæ, and Fungi), to the amount of at least 200 species, of which I could examine this winter too few to display them in a systematic arrangement. The full amount of species, therefore, considerably exceeds 1,100, belonging, with exclusion of the above-mentioned Acotyledoneæ and the foreign plants, to no less than 430 genera and 108 natural orders—proportions which far surpass those of Western Australia, where more than twice this number of species (according to the collections of Dr. Preiss) are only divided into exactly the same number of genera already discovered here (430), and only into 91 families.

The Index might have been increased without difficulty to a two-fold number of names; but through a long-continued examination of the Australian plants in a living state, I had the advantage of learning how great is the uncertainty of many characteristics, which are deemed, even by our greatest authorities in science, sufficient for distinction. According to the annexed enumeration, the proportion of the Dicotyledoneæ to the Monocotyledoneæ will be found, for that part of the country over which my investigations this year extended, nearly as seven to two, and corresponds, therefore, exactly with the position which these great divisions of the vegetable kingdom hold to each other in South Australia up to the thirty-fourth degree south latitude (as shown in my observations on the South Australian Flora, lately read before the Linnean Society in London), and holds, likewise, the mean between the proportions ascertained by Robert Brown for Van Diemen's Land and New South Wales; while in Western Australia, as well as in South Australia, including the country there to the thirty-first degree south latitude, the number of the Dicotyledoneæ exceeds in the proportion of nine to two that of the Monocotyledoneæ.

The Cryptogamic plants, however, favoured by a more humid atmosphere, are twice as numerous in our province as in the last-mentioned Colonies, being about equal to a third of the Dicotyledoneæ.

Excluding all Cryptogamic plants, not less than 200 species, as testified by the Index, are proved to be as yet undescribed. Some of these occurred to me in South Australia; and the descriptions of several others will probably find a place in Dr. J. Hooker's forthcoming "FLORA OF VAN DIEMEN'S LAND."

These novelties enabled me already to establish seven new genera (*Pseudomorus*, *Basileophyta*, *Phæoleuca*, *Tetrachaeta*, *Minuranthus*, *Psoralopsis*, and *Rhytidosporum*).

The descriptions, not only of almost all the new plants, but also critical notes and observations on the phytogeographical range of the species already known, will be forwarded to Sir William Hooker before my departure for the interior, and will afterwards constitute, together with the scientific elucidations of such plants as may be added during the ensuing season from the yet botanically unexplored districts, the foundation of "THE FLORA OF VICTORIA."

That the vegetation of the southern parts of our province accords greatly with the Tasmanian Flora may be demonstrated by the fact that more than half of all the enumerated species are known to inhabit Van Diemen's Land, amongst them many of great interest, which had been considered as belonging exclusively to that island, some adding even new genera to the Flora of New Holland (*Fagus Cunninghamii*, *Bauera Billardieri*, *Tasmania aromatica*, *Weinmannia biglandulosa*, *Pleurandra monadelphica*, *Ranunculus Gunnianus*, *Capsella Australis*, *Pittosporum bicolor*, *Rhytidosporum procumbens*, *Rhytidosporum Stuartianum*, *Boronia dentigera*, *Eriostemon verrucosus*, *Corræa Backhousiana*, *Meionectes Brownii*, *Bossiaea horizontalis*, *Brachycome decipiens*, *Celmisia astelifolia*, *Scævola Hookeri*, *Monotoea lineata*, *Lissanthe montana*, *Lissanthe ciliata*, *Prostanthera rotundifolia*, *Myosotis snavecolens*, *Wilsonia Backhousii*, *Gentiana Diemensis*, *Sebæa albidiflora*, *Hakea microcarpa*, *Podocarpus montana*, *Phyllanthus Gunnii*, *Micranthea hexandra*, *Diplarrhena Moræa*, *Uncinia tenella*, *Triodontium Tasmanicum*, and a great number of ferns.

No numerical comparison with the Flora of South Australia and New South Wales has been instituted, as those localities are not sufficiently examined which bear, perhaps, in this respect, as great a resemblance to the adjacent Colonies as the southern tract of this province bears to Van Diemen's Land.

Still, there remains yet a considerable number of plants which impress on our vegetation a type of peculiarity; and I may be permitted, for this reason, to call attention to our remarkable species of *Panax*, resembling mainly those of the Molluccas; to *Trigonella snavissima*, as the only Australian clover; to the species of *Psoralea* and to *Crantzia*, as connecting links with the American Flora; to *Pseudomorus Australasica*, the indigenous mulberry tree; to *Myrsine Howittiana*, nearer connected with the New Zealand species than with those of New South Wales; and to the Alpine *Anisotome glacialis*, as a genus from Auckland and Campbell's Islands.

With regard to the Phytogeographia of this country, it may be deemed worthy of notice that, in the arid steppes beyond the Glenelg River, the vegetation undergoes a remarkable change, and a large number of such plants as are common to Victoria, New South Wales, and Van Diemen's Land, cease to exist, not even re-appearing farther to the westward, where the physical character of the country assumes once more equality or similarity to the eastern provinces. Others, again, extend the geographical limits of certain genera or species which we thought to belong entirely to Western Australia: thus, for instance, *Thomasia petalocalyx* and *Colcostylis Preissii* range to the 148th meridian.

It may also be worthy of remark, that the order of Leguminosæ prevails decidedly here, as in Western Australia, over all others; and that the Compositæ, far exceeding in South Australia, and almost throughout the world, any other groups, rank here as the second order. Both, taken together, show such eminent richness as to comprise nearly a fourth of all Dicotyledonar plants. The most predominant natural orders exhibit here, with regard to their number of species, the following series:—Leguminosæ, Compositæ, Myrtaceæ, Algæ, Filices, Cyperoideæ, Gramineæ, Musci, Proteaceæ, Orchideæ, Epacrideæ, Fungi, Umbelliferae, Diosmeæ, Liliaceæ, Lichenes, Labiatae, Goodeniaceæ, Seropularinæ, and Salsolaceæ.

Finally, and perhaps as to the most important point of my researches, I have to reflect upon the practical usefulness of our vegetable creation, either with regard to medicine, manufactures, or in a domestic point of view.

The inestimable truth, that we may safely deduct the closest affinities of the medicinal properties of plants from their natural alliances—a truth which achieved the most complete triumph of the natural system over all artificial classifications—has generally guided me in tracing out which plants might be administered in medicine. By this guidance I observed, that our *Pimeleæ* are pervaded by that acridity for which the bark of *Daphne Mezereum* is employed; that our *Polygala veronica*, the only described Australian species of a large genus, and in close relation to one lately discovered in the Chinese empire, not only agrees, like some kinds of *Comesperma*, with the Austrian *Polygala anara*, in those qualities for which that plant has been administered in consumption, but also participates in the medicinal virtue of *Polygala senega*, from North America. *Gratiola latifolia* and *Gratiola pubescens*, *Convolvulus erubescens*, and the various kinds of *Mentha*, are not inferior to similar European species. The bark of *Tasmania aromatica* appears to me to possess the medicinal power of the *Wintera* bark, gathered from a similar tree in *Tierra del Fuego*; and its fruit is allied to that of the North American *Magnolia* used in cases of rheumatism and intermittent fever. The whole natural order of *Goodeniaceæ*, with the exception, perhaps, of a few species, contains a tonic bitterness never recognised before, and discernible in many plants in so high a degree, that I was induced, for this reason, to bestow upon a new genus from the interior the name of *Pierophyta*; this property, which indicates a certain alliance to *Gentianæ*, deserves the more consideration, as the true *Gentianæ* are so sparingly distributed through Australia, while the *Goodeniæ* form everywhere here a prominent feature in the vegetation. Our Alps, however, enrich us also with a thick-rooted *Gentian* (*G. Diemensis*), certainly as valuable as the officinal *Gentiana lutea*; and in the spring, *Sabæa ovata*, *Sabæa albidiflora*, and *Erythraea Australis*, might also be collected on account of their bitterness. The bark of the Australian *Sassafras* tree (*Atherospermum moschatum*) has already obtained some celebrity as a substitute for tea;—administered in a greater concentration, it is diaphoretic, as well as diuretic, and has for this reason already been practically introduced into medicine by one of our eminent physicians. *Isotoma axillaris* surpasses all other indigenous *Lobeliaceæ* in its intense acridity, and can be therefore only cautiously employed instead of *Lobelia inflata*. The root of *Malva Behriana* scarcely differs from that of *Althæa officinalis*, and the *Salep* root might be collected from many *Orchideæ*. Few may be aware that the *Cajeput* oil of India is obtained from trees very similar to our common *Melaleucæ*; and that even from the leaves of the *Eucalypti* an oil can be procured of equal utility. The *Sandarac*, exuding from the *Callitris* or Pine tree, the balsamic resin of the grass trees, and, moreover, the *Eucalyptus* gum, which could be gathered in boundless quantities, and which for its astringent qualities might here at least supersede the use of *kino* or *catechu*, will probably at a future period form articles of export.

Several *Acaciæ* are of essential service, either for their durable wood, or for the abundance of tannin in their bark, which has rendered them already useful, or for their gum; but the latter is even excelled in clearness and solubility by that obtained from *Pittosporum acacioides*. This species, as well as many other plants of the same order, is distinguished by a surprising yet apparently harmless bitterness—a quality that warrants our expecting considerable medicinal power, and which deserves so much more attention, as till now we know nothing of the usefulness of the *Pittosporææ*, although this order extends over a great part of the eastern hemisphere.

The Australian *Manna* consists in a saccharine secretion, condensed chiefly by the cicades from a few species of *Eucalypti*, but is chemically very differently constituted to the *Ornus Manna*, and much less aperient. All our splendid *Diosmææ*—a real ornament to the country—approach more or less in their medicinal effect to the South African *Bucco*-bushes.

Baeckea utilis, from Mount Aberdeen, might serve travellers in those desolate localities as tea, for the volatile oil of its leaves resembles greatly in taste and odour that of lemons—not without a pleasant, peculiar aroma. *Trigonella suavissima* proved valuable as an antiseorbutic spinage in Sir Thomas Mitchell's expedition; and the *Tetragonella implexicoma*, the various *Cardamines*, *Nasturtium terrestre*, or *Lawrencia spicata*, may likewise be used for the same purpose. The root of *Scorzonera Lawrencii*—a favourite food of the natives—would form, if enlarged by culture, an agreeable substitute for *Scorzonera Hispanica*, or *Asparagus*; and *Anistome glaeialis*—a large-rooted umbelliferous plant, from the snowy top of Mount Buller—will be added, perhaps, hereafter, to the culinary vegetables of the colder climates. Seeds of the latter plants, amongst many others, have been procured for the Botanic Gardens. *Santalum lanceolatum*, *Mesembryanthemum æquilaterale*, *Leptomeria pungens*, and *Leptomeria acerba*, deserve notice for their agreeable fruit.

It would lead too far to enumerate the numerous modest, but lovely, or even the more attractive ornamental plants, which will no doubt hereafter contribute to adorn the gardens here and at home. Still, in a general sketch of our vegetation, I ought not to pass unmentioned, in this regard, the magnificent *Grevillea Victorie*; the splendid parasite of the Fern tree, *Basileophyta Friderici Augusti*, on which the name of the royal botanist has been bestowed; and the grand *Corræa Latrobeana*,—three of the most gorgeous plants discovered during my last expedition.

In accordance with His Excellency's instructions, a collection of dried specimens of plants has been commenced for the Government. This Herbarium will be at all times accessible to the public, and will hereafter contribute, I trust, to diffuse, more and more, knowledge of our vegetable world, and excite lovers of natural science to assist in my investigations. I began to form, at the same time, a similar collection for the Royal Gardens at Kew.

I am happy to report that the Botanic Gardens are in a very prosperous state, and that the establishment does great honour to the able management of its Superintendent. The addition of a large greenhouse, which His Excellency has been pleased to sanction, upon the recommendation of the Committee, will be most useful as a receptacle for tropical productions; and a considerable piece of ground has been prepared, this year, to rear all the seeds which have lately been collected for the garden, or which were liberally presented.

The Committee deemed it also desirable that an iron foot-bridge for crossing the Yarra should be procured from home, to afford an easier access to the Garden for the inhabitants of the eastern part of Melbourne; and by this means the number of visitors—already (chiefly on Sundays) very considerable—will, doubtless, greatly increase.

I trust, therefore, that the Botanic Gardens, as an establishment so desirable for the diffusion of knowledge, for the experimental introduction of foreign plants into our adopted country, or for multiplying the treasures which our own Flora offers, and as a healthy locality for recreation, will continue to receive the support of the Government and the Legislature; and I hope that, by still further extending the communications of this establishment with the Botanical Gardens of other countries, we shall succeed in keeping pace with the general advance of this great and flourishing country.

I have the honor to be,

Sir,

Your most obedient and humble Servant,

DR. FERDINAND MUELLER,

Government Botanist.

The Honorable
The Colonial Secretary.



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SYSTEMATIC INDEX

OF

THE PLANTS OF VICTORIA,

WHICH WERE

COLLECTED AND EXAMINED BETWEEN SEPTEMBER, 1852, AND AUGUST, 1853,

BY

DR. FERDINAND MUELLER,

Government Botanist.

Dicotyledoneæ.

THALAMIFLORÆ, CANDOLLE.

RANUNCULACEÆ, JUSSIEU.

<i>Clematis</i> , Linné	
<i>C. microphylla</i>	Candolle
<i>C. appendiculata</i>	Ferd. Mueller
<i>Ranunculus</i> , Linné	
<i>R. paucistamineus</i>	Tausch
<i>R. Gunnianus</i>	Hooker
<i>R. lappaceus</i>	Smith
<i>R. glabrifolius</i>	Hooker
<i>R. plebejus</i>	R. Brown
<i>R. rivularis</i>	Banks & Solander
<i>R. sessiliflorus</i>	R. Brown

DILENIACEÆ, CANDOLLE.

<i>Pleurandra</i> , Labillardière	
<i>P. acicularis</i>	Labillardière
<i>P. stricta</i>	Candolle
<i>P. granitica</i>	Ferd. Mueller
<i>P. sericea</i>	R. Brown
<i>P. parviflora</i>	R. Brown
<i>P. monadelphæ</i>	Ferd. Mueller

<i>Hibbertia</i> , Andrews	
<i>H. pultenaciformis</i>	Ferd. Mueller
<i>H. virgata</i>	R. Brown
<i>H. angustifolia</i>	Salisbury
<i>H. fasciculata</i>	R. Brown
<i>H. minutifolia</i>	Ferd. Mueller

MAGNOLIACEÆ, CANDOLLE.

<i>Tasmania</i> , R. Brown	
<i>T. aromatica</i>	R. Brown

CRUCIFERÆ, JUSSIEU.

<i>Nasturtium</i> , R. Brown	
<i>N. terrestre</i>	R. Brown
<i>Cardamine</i> , Linné	
<i>C. stylosa</i>	Candolle
<i>C. dictyosperma</i>	Hooker
<i>C. laciniata</i>	Ferd. Mueller
<i>C. debilis</i>	Banks & Solander
<i>C. intermedia</i>	Hooker
<i>C. tenuifolia</i>	Hooker

<i>Capsella</i> , Medicus	
<i>C. Australasica</i>	Ferd. Mueller
<i>C. pilosula</i>	Ferd. Mueller
* <i>C. Bursa pastoris</i>	Moench

<i>Sisymbrium</i> , Allioni	
* <i>S. officinale</i>	Seopoli

<i>Stenopetalum</i> , Brown	
<i>S. gratulatorium</i>	Ferd. Mueller

<i>Seneciera</i> , Persoon	
* <i>S. didyma</i>	Persoon

<i>Lepidium</i> , Linné	
<i>L. hyssopifolium</i>	Desvaux
* <i>L. ruderale</i>	Linné

HYPERICINEÆ, CANDOLLE.

<i>Hypericum</i> , Linné	
<i>H. involutum</i>	Candolle

DROSERACEÆ, CANDOLLE.

<i>Drosera</i> , Linné	
<i>D. binata</i>	Labillardière
<i>D. pygmaea</i>	Candolle
<i>D. anagallidiflora</i>	Ferd. Mueller
<i>D. Whittakerii</i>	Planchon
<i>D. peltata</i>	Smith
<i>D. foliosa</i>	J. Hooker
<i>D. Planchonii</i>	J. Hooker

VIOLARINÆ, CANDOLLE.

<i>Hymenanthera</i> , Banks and Solander	
<i>H. Banksii</i>	Ferd. Mueller

<i>Erpetion</i> , Candolle	
<i>E. hederaccum</i>	Candolle
<i>E. Cymbalaria</i>	Candolle
<i>E. spathulatum</i>	Candolle

<i>Viola</i> , Linné	
<i>V. betonicifolia</i>	Smith

<i>Pigea</i> , Candolle	
<i>P. floribunda</i>	Lindley

POLYGALÆ, JUSSIEU.

<i>Comesperma</i> , Labillardière	
<i>C. volubile</i>	Labillardière
<i>C. linariaefolium</i>	All. Cunningham
<i>C. retusum</i>	Labillardière
<i>C. calywegum</i>	Labillardière
<i>Polygala</i> , Linné	
<i>P. veronica</i>	Ferd. Mueller

PITTIPOREÆ, R. BROWN.

<i>Pittosporum</i> , Solander	
<i>P. acacioides</i>	All. Cunningham
<i>P. bicolor</i>	Hooker
<i>Bursaria</i> , Cavanilles	
<i>B. spinosa</i>	Cavanilles
<i>Rhytidosporum</i> , Ferd. Mueller	
<i>R. procumbens</i>	Ferd. Mueller
<i>R. Stuartianum</i>	Ferd. Mueller
<i>Billardiera</i> , Smith	
<i>B. longiflora</i>	Labillardière
<i>B. brachyantha</i>	Ferd. Mueller
<i>B. finitima</i>	Ferd. Mueller
<i>B. cymosa</i>	Ferd. Mueller
<i>Cheiranthra</i> , All. Cunningham	
<i>C. linearis</i>	All. Cunningham

SAPINDACEÆ, JUSSIEU.

<i>Dodonaea</i> , Linné	
<i>D. conferta</i>	Don
<i>D. salsifolia</i>	All. Cunningham
<i>D. hirtella</i>	Miquel

ZYGOPHYLLÆ, JUSSIEU.

<i>Zygophyllum</i> , Linné	
<i>Z. glaucum</i>	Ferd. Mueller

DIOSMEÆ, JUSSIEU.

<i>Zieria</i> , Smith	
<i>Z. lanceolata</i>	R. Brown
<i>Boronia</i> , Smith	
<i>B. dentigera</i>	Ferd. Mueller
<i>B. pilonema</i>	Labillardière
<i>B. tetrahecodes</i>	Candolle
<i>Phebalium</i> , Ventenat	
<i>P. bilobum</i>	Lindley
<i>P. podocarpoides</i>	Ferd. Mueller
<i>P. asteriscophorum</i>	Ferd. Mueller
<i>Eriostemon</i> , Smith	
<i>E. pungens</i>	Lindley
<i>E. verrucosus</i>	Ach. Richard
<i>Corraea</i> , Smith	
<i>C. alba</i>	Andrews
<i>C. latrobcana</i>	Ferd. Mueller
<i>C. ochroleuca</i>	Ferd. Mueller
<i>C. virens</i>	Smith
<i>C. glabra</i>	Lindley
<i>C. pulchella</i>	Mackay
<i>C. cordifolia</i>	Lindley
<i>C. backhousiana</i>	Hooker
<i>C. cardinalis</i>	Ferd. Mueller
<i>C. umbellata</i>	Ferd. Mueller

TETRATHÈCÆ, R. BROWN.

<i>Tetratheca</i> , Smith	
<i>T. ciliata</i>	Lindley
<i>T. bancroftiana</i>	Ferd. Mueller
<i>T. pilosa</i>	Labillardière
<i>T. glandulosa</i>	Labillardière

BUETTNERIACEÆ, R. BROWN.

<i>Thomasia</i> , Gay	
<i>T. petalocalyx</i>	Ferd. Mueller
<i>Lasiopetalum</i> , Smith	
<i>L. Baueri</i>	Steetz
<i>L. dasyphyllum</i>	Sieber
<i>Rulingia</i> , R. Brown	
<i>R. rugosa</i>	Steetz

MALVACEÆ, R. BROWN.

<i>Lawrenzia</i> , Hooker	
<i>L. spicata</i>	Hooker
<i>Sida</i> , Linné	
<i>S. corrugata</i>	Lindley
<i>S. pulehella</i>	Boupland
<i>Malva</i> , Linné	
<i>M. Behriana</i>	Schlechtendal
<i>*M. vulgaris</i>	Fries
<i>*M. borealis</i>	Wallmann

GERANIACEÆ, CANDOLLE.

<i>Geranium</i> , Linné	
<i>G. potentilloides</i>	L'Heritier
<i>G. pilosum</i>	Forster
<i>Erodium</i> , L'Heritier	
<i>E. cygnorum</i>	Nees
<i>*E. moschatum</i>	L'Heritier
<i>Pelargonium</i> , L'Heritier	
<i>P. Australe</i>	Willdenow
<i>P. Rodneyanum</i>	Mitchell

LINEÆ, CANDOLLE.

<i>Linum</i> , Linné	
<i>L. marginale</i>	All. Cunningham

OXALIDÆ, CANDOLLE.

<i>Oxalis</i> , Linné	
<i>O. microphylla</i>	Poiret

STACKHOUSIACEÆ, R. BROWN.

<i>Stackhousia</i> , Smith	
<i>S. monogyna</i>	Labillardière
<i>Tropterococcus</i> , Endlicher	
<i>T. spathulatus</i>	Ferd. Mueller

FRANKENIACEÆ, ST. HILAIRE.

<i>Frankenia</i> , Linné	
<i>F. pauciflora</i>	Candolle

CARYOPHYLLÆ, JUSSIEU.

<i>Silene</i> , Linné	
<i>*S. Gallica</i>	Linné
<i>Dichoglottis</i> , Fischer and Meyer	
<i>D. Australis</i>	Schlechtendal
<i>Stellaria</i> , Linné	
<i>S. pungens</i>	Duperrey
<i>S. multiflora</i>	Hooker
<i>S. pulvinaris</i>	Ferd. Mueller
<i>S. Anstraliasica</i>	Ferd. Mueller
<i>S. flaccida</i>	Hooker
<i>*S. media</i>	Villars
<i>Cerastium</i> , Linné	
<i>*C. glomeratum</i>	Thuillier
<i>Mollugo</i> , Linné	
<i>M. Novo-Hollandica</i>	Ferd. Mueller

<i>Sagina</i> , Linné * <i>S. apetala</i>	Linné	<i>Spergularia</i> , Persoon <i>S. marginata</i>	Kittel
<i>Polycarpon</i> , Loeffling <i>P. alsinifolium</i>	Candolle	ELATINÆ, CAMBESSEDES.	
<i>Spergula</i> , Linné * <i>S. arvensis</i>	Linné	<i>Elatine</i> , Linné <i>E. gratioloides</i>	All. Cunningham

CALYCIFLORÆ, CANDOLLE.

CRASSULACEÆ, CANDOLLE.		EUPHORBACEÆ, JUSSIEU.	
<i>Tillæa</i> , Micheli <i>T. verticillaris</i> <i>T. purpurata</i> <i>T. maerantha</i> <i>T. Stuartii</i>	Candolle J. Hooker J. Hooker Ferd. Mueller	<i>Euphorbia</i> , Linné <i>E. chamæscoides</i> <i>Ricinocarpus</i> , Desfontaines <i>R. sidaeformis</i> <i>Trachycarpon</i> , Klotzsch <i>T. Klotzschii</i> <i>Beyera</i> , Miquel <i>B. ledifolia</i> <i>Amperea</i> , Adr. Jussieu <i>A. cuneifolia</i> <i>Phyllanthus</i> , Swartz <i>P. Gunnii</i> <i>P. hirtellus</i> <i>P. Fuernrohrii</i> <i>Micranthea</i> , Desfontaines <i>M. hexandra</i> <i>Poranthera</i> , Rudge <i>P. microphylla</i>	Ferd. Mueller Ferd. Mueller Ferd. Mueller Klotzsch Ferd. Mueller Ferd. Mueller J. Hooker Ferd. Mueller Ferd. Mueller J. Hooker Brongniart
PORTULACEÆ, JUSSIEU.		RHAMNACEÆ, R. BROWN.	
<i>Claytonia</i> , Linné <i>C. Australasica</i> <i>Calandrinia</i> , Humboldt <i>C. calyptata</i> <i>C. pygmaea</i> <i>Tetragonella</i> , Miquel <i>T. implexicoma</i>	J. Hooker Ferd. Mueller Ferd. Mueller Ferd. Mueller Miquel	<i>Pomaderris</i> , Labillardière <i>P. oraria</i> <i>P. apetala</i> <i>P. elliptica</i> <i>P. subrepanda</i> <i>P. philyraefolia</i> <i>Trymalium</i> , Fenzl <i>T. brevifolium</i> <i>T. parvifolium</i> <i>Cryptandra</i> , Smith <i>C. tomentosa</i> <i>C. divaricata</i> <i>C. spiuescens</i> <i>Discaria</i> , Hooker <i>D. Australis</i>	Ferd. Mueller Labillardière Ferd. Mueller Fenzl Reisseck Ferd. Mueller Librey Reisseck Sieber Hooker
MESEMBRYANTHEMÆ, FENZL.		MYRTACEÆ, R. BROWN.	
<i>Mesembryanthemum</i> , Linné <i>M. acquilaterale</i> <i>M. Australe</i> <i>M. sermentosum</i>	Haworth Aiton Haworth	<i>Genethyllis</i> , Candolle <i>G. alpestris</i> <i>Paryphantha</i> , Schauer <i>P. Mitchelliana</i> <i>Calycotrix</i> , Labillardière <i>C. glabra</i> <i>C. scabra</i> <i>Schidiomyrtus</i> , Schauer <i>S. micrantha</i> <i>Baeckea</i> , Linné <i>B. crassifolia</i> <i>B. utilis</i> <i>Euryomyrtus</i> , Schauer <i>E. alpina</i> <i>Camphoromyrtus</i> , Schauer <i>C. crenulata</i>	Lindley Schauer R. Brown Candolle Schauer Lindley Ferd. Mueller Schauer Ferd. Mueller
HALORAGÆ, R. BROWN.		CUNONIACEÆ, R. BROWN.	
<i>Haloragis</i> , Forster <i>H. tetragyna</i> <i>H. teucrioides</i> <i>H. dimorpha</i> <i>H. elata</i> <i>H. muricata</i> <i>H. rotundifolia</i> <i>Meioneetes</i> , Brown <i>M. Brownii</i> <i>Myriophyllum</i> , Linné <i>M. variifolium</i> <i>M. heteromorphum</i>	R. Brown Schlechtendal Ferd. Mueller All. Cunningham Ferd. Mueller Ferd. Mueller J. Hooker J. Hooker Ferd. Mueller	<i>Weinmannia</i> , Linné <i>W. biglandulosa</i> <i>Bauera</i> , Kennedy <i>B. Billardierii</i>	All. Cunningham All. Cunningham Don
CERATOPHYLLÆ, GRAY.		LYTHRARIÆ, JUSSIEU.	
<i>Ceratophyllum</i> , Linné <i>C. charaforme</i>	Ferd. Mueller	<i>Lythrum</i> , Linné <i>L. Salicaria</i>	Linné
ONAGRÆ, JUSSIEU.			

<i>P. braehypoda</i>	Ferd. Mueller
<i>P. Gunnii</i>	Bentham
<i>P. strieta</i>	Sims
<i>P. Benthami</i>	Ferd. Mueller
<i>P. mucronata</i>	Ferd. Mueller
<i>P. epacridea</i>	Ferd. Mueller
<i>P. curvifolia</i>	Ferd. Mueller
<i>P. pedunculata</i>	Hooker
<i>P. mollis</i>	Lindley
<i>P. angustifolia</i>	Ferd. Mueller
<i>P. tenuifolia</i>	R. Brown
<i>P. foliosa</i>	All. Cunningham
<i>Bossia</i> , Ventenat	
<i>B. cinerea</i>	R. Brown
<i>B. prostrata</i>	R. Brown
<i>B. decumbens</i>	Ferd. Mueller
<i>B. horizontalis</i>	Hooker
<i>B. rosmarinifolia</i>	Lindley
<i>Hovea</i> , Brown	
<i>H. linearis</i>	R. Brown
<i>H. gelida</i>	Ferd. Mueller
<i>Platylobium</i> , Smith	
<i>P. cordifolium</i>	Ferd. Mueller
<i>P. macrocalyx</i>	Meisner
<i>Melilotus</i> , Tournefort	
* <i>M. officinalis</i>	Desrousseaux
<i>Trifolium</i> , Linné	
* <i>T. repens</i>	Linné
* <i>T. procumbens</i>	Linné
* <i>T. filiforme</i>	Linné
<i>Trigonella</i> , Linné	
<i>T. suavissima</i>	Lindley
<i>Medicago</i> , Linné	
* <i>M. sativa</i>	Linné
<i>Lotus</i> , Linné	
<i>L. Australis</i>	Seringe
* <i>L. tenuifolius</i>	Pollich
* <i>L. corniculatus</i>	Linné
<i>Psoralea</i> , Linné	
<i>P. tenax</i>	Lindley
<i>P. ascendens</i>	Ferd. Mueller
<i>P. cinerea</i>	Lindley
<i>Psoraleopsis</i> , Ferd. Mueller	
<i>P. simplicicaulis</i>	Ferd. Mueller
<i>Clidanthera</i> , R. Brown	
<i>C. psoralcoides</i>	R. Brown
<i>Indigofera</i> , Linné	
<i>I. Australis</i>	Willdenow
<i>I. silvatica</i>	Sieher
<i>I. signata</i>	Ferd. Mueller
<i>Swainsona</i> , Salisbury	
<i>S. Greyana</i>	Lindley
<i>S. lessertiaefolia</i>	Candolle
<i>S. phacoides</i>	Bentham
<i>S. unniata</i>	Ferd. Mueller
<i>Vicia</i> , Linné	
* <i>V. angustifolia</i>	Roth
<i>Ervum</i> , Linné	
* <i>E. hirsutum</i>	Linné
<i>Desmodium</i> , Desvaux	
<i>D. Tasmanicum</i>	Ferd. Mueller
<i>Zichya</i> , Bentham	
<i>Z. latrobeana</i>	Meisner
<i>Z. angustifolia</i>	Lindley
<i>Hardenbergia</i> , Bentham	
<i>H. monophylla</i>	Bentham
<i>Kennedyia</i> , Ventenat	
<i>K. prostrata</i>	R. Brown

A.—No. 26. d.

UMBELLIFERÆ, JUSSIEU.

<i>Hydrocotyle</i> , Tournefort	
<i>H. interrupta</i>	Muehlenberg
<i>H. geraniifolia</i>	Ferd. Mueller
<i>H. cordifolia</i>	J. Hooker
<i>H. capillaris</i>	Ferd. Mueller
<i>H. pterocarpa</i>	Ferd. Mueller
<i>H. tripartita</i>	R. Brown
<i>H. muscosa</i>	R. Brown
<i>H. hirta</i>	R. Brown
<i>H. densiflora</i>	Candolle
<i>Crantzia</i> , Nuttall	
<i>C. Australasica</i>	Ferd. Mueller
<i>Trachymene</i> , Rudge	
<i>T. heterophylla</i>	Ferd. Mueller
<i>T. crassifolia</i>	Bentham
<i>T. myrtifolia</i>	Sieher
<i>Didiscus</i> , Candolle	
<i>D. pilosus</i>	Bentham
<i>Astrotricha</i> , Candolle	
<i>A. linearis</i>	All. Cunningham
<i>A. asperifolia</i>	Ferd. Mueller
<i>Xanthosia</i> , Rudge	
<i>X. dissecta</i>	J. Hooker
<i>X. montana</i>	Sieher
<i>X. paucosa</i>	Bentham
<i>X. tridentata</i>	Candolle
<i>Eryngium</i> , Tournefort	
<i>E. vesiculosum</i>	Labillardière
<i>E. ovinum</i>	All. Cunningham
<i>Helosciadium</i> , Koch	
<i>H. prostratum</i>	Bunge
<i>H. parvum</i>	Ferd. Mueller
<i>Sium</i> , Linné	
<i>S. latifolium</i>	Linné
<i>Anisotome</i> , J. Hooker	
<i>A. glacialis</i>	Ferd. Mueller
<i>Daucus</i> , Tournefort	
<i>D. brachiatus</i>	Sieher
<i>Oreomyrrhis</i> , Endlicher	
<i>O. eriopoda</i>	Endlicher

RUBIACEÆ, JUSSIEU.

<i>Galium</i> , Scopoli	
<i>G. vagans</i>	J. Hooker
<i>G. Gaudichaudi</i>	Candolle
<i>G. Australe</i>	Candolle
<i>Asperula</i> , Linné	
<i>A. Gunnii</i>	J. Hooker
<i>A. conferta</i>	J. Hooker
<i>A. scoparia</i>	J. Hooker
<i>Opercularia</i> , Richard	
<i>O. caprosmoides</i>	Ferd. Mueller
<i>O. ovata</i>	J. Hooker
<i>O. varia</i>	J. Hooker
<i>O. scabrida</i>	Schlechtendal
<i>Pamas</i> , Solander	
<i>P. hirta</i>	Candolle
<i>Caprosma</i> , Forster	
<i>C. microphylla</i>	All. Cunningham
<i>C. hirtella</i>	Labillardière

LORANTHACEÆ, DON.

<i>Loranthus</i> , Linné	
<i>L. eucalyptoides</i>	Candolle
<i>L. pendulus</i>	Sieher
<i>L. miraculosus</i>	Miquel
<i>L. canus</i>	Ferd. Mueller
<i>L. Exocarpia</i>	Behr
<i>L. Preissii</i>	Miquel

CAPRIFOLIACEÆ, JUSSIEU.

<i>Sambucus</i> , Linné	
<i>S. Gaudichaudiana</i>	Candolle

ARALIACEÆ, JUSSIEU.

<i>Panax</i> , Linné	
<i>P. dendroides</i>	Ferd. Mueller
<i>P. Dallachii</i>	Ferd. Mueller
<i>P. paucilobus</i>	Ferd. Mueller
<i>P. angustifolius</i>	Ferd. Mueller

COMPOSITEÆ, VAILLANT.

<i>Celmisia</i> , Cassini	
<i>C. asteliaefolia</i>	J. Hooker
<i>Eurybiopsis</i> , Candolle	
<i>E. Hookeri</i>	Ferd. Mueller
<i>Eurybia</i> , Cassini	
<i>E. axillaris</i>	Candolle
<i>E. linearifolia</i>	Candolle
<i>E. glutinosa</i>	Lindley
<i>E. glandulosa</i>	Candolle
<i>E. ramulosa</i>	Candolle
<i>E. lepidophylla</i>	Candolle
<i>E. ciliata</i>	Bentham
<i>E. decurrens</i>	Candolle
<i>E. Gunniana</i>	Candolle
<i>E. pimeloides</i>	Candolle
<i>E. myrsinoides</i>	Nees
<i>E. lirata</i>	Candolle
<i>E. argophylla</i>	Cassini
<i>E. scabra</i>	Bentham
<i>E. astrotricha</i>	Ferd. Mueller
<i>E. rugosa</i>	Ferd. Mueller
<i>E. megalophylla</i>	Ferd. Mueller
<i>Brachycome</i> , Cassini	
<i>B. diversifolia</i>	Fischer and Meyer
<i>B. multipartita</i>	Ferd. Mueller
<i>B. ciliaris</i>	Lessing
<i>B. pterocarpa</i>	Ferd. Mueller
<i>B. multicaulis</i>	Ferd. Mueller
<i>B. nivalis</i>	Ferd. Mueller
<i>B. leucanthemifolia</i>	Bentham
<i>B. heterodonta</i>	Candolle
<i>B. scapigera</i>	Candolle
<i>B. graminea</i>	Ferd. Mueller
<i>B. linearifolia</i>	Candolle
<i>B. decipiens</i>	J. Hooker
<i>Lagenophora</i> , Cassini	
<i>L. Billardierii</i>	Cassini
<i>L. Gunniana</i>	Steetz
<i>L. pachyrrhiza</i>	Ferd. Mueller
<i>Calotis</i> , R. Brown	
<i>C. lasiocarpa</i>	Ferd. Mueller
<i>Solenogyne</i> , Cassini	
<i>S. belliioides</i>	Cassini
<i>Conyza</i> , Linné	
* <i>C. ambigua</i>	Candolle
<i>Siegesbeckia</i> , Linné	
<i>S. Orientalis</i>	Linné
<i>Gymnogyne</i> , Steetz	
<i>G. cotuloides</i>	Steetz
<i>Cotula</i> , Linné	
<i>C. coronopifolia</i>	Linné
<i>Strongylosperma</i> , Lessing	
<i>S. Australe</i>	Lessing
<i>Symphylomera</i> , J. Hooker	
<i>S. Filicula</i>	J. Hooker
<i>Leptinella</i> , Cassini	
<i>L. intricata</i>	J. Hooker
<i>L. longipes</i>	J. Hooker

<i>Myriogyne</i> , Lessing	
<i>M. minuta</i>	Lessing
<i>M. Cunninghami</i>	Candolle
<i>Maruta</i> , Cassini	
* <i>M. fetida</i>	Cassini
<i>Skirrhophorus</i> , Candolle	
<i>S. Fuernrohrii</i>	Ferd. Mueller
<i>Minuranthus</i> , Ferd. Mueller	
<i>M. gnaphaloides</i>	Ferd. Mueller
<i>Calocephalus</i> , Brown	
<i>C. lacteus</i>	Lessing
<i>C. citreus</i>	Lessing
<i>Leucophyta</i> , R. Brown	
<i>L. Brownii</i>	Lessing
<i>Craspedia</i> , Forster	
<i>C. Richea</i>	Cassini
<i>C. alpina</i>	J. Hooker
<i>Apalochlamys</i> , Cassini	
<i>A. Billardierii</i>	Candolle
<i>Cassinia</i> , R. Brown	
<i>C. lævis</i>	R. Brown
<i>C. aculeata</i>	R. Brown
<i>Hæckeria</i> , Ferd. Mueller	
<i>H. ozothamnoides</i>	Ferd. Mueller
<i>Ozothamnus</i> , R. Brown	
<i>O. retusus</i>	Ferd. Mueller
<i>O. obovatus</i>	Candolle
<i>O. turbinatus</i>	Candolle
<i>O. ferrugineus</i>	Candolle
<i>Podotrocha</i> , Cassini	
<i>P. viscosa</i>	Ferd. Mueller
<i>Leptorrhynchus</i> , Lessing	
<i>L. squamatus</i>	Lessing
<i>L. elongatus</i>	Candolle
<i>Podolepis</i> , Labillardière	
<i>P. macrocephala</i>	Ferd. Mueller
<i>P. hieracioides</i>	Ferd. Mueller
<i>Tetrachata</i> , Ferd. Mueller	
<i>T. perennis</i>	Ferd. Mueller
<i>Pumilo</i> , Schlechtendal	
<i>P. argyrolepis</i>	Schlechtendal
<i>Millotia</i> , Cassini	
<i>M. tenuifolia</i>	Cassini
<i>M. myosotidifolia</i>	Steetz
<i>Chrysocephalum</i> , Walpers	
<i>C. semipapposum</i>	Steetz
<i>C. flavissimum</i>	Steetz
<i>Phæoleuca</i> , Ferd. Mueller	
<i>P. obtusifolia</i>	Ferd. Mueller
<i>Helichrysum</i> , Gaertner	
<i>H. bracteatum</i>	Willdenow
<i>H. leucopsidium</i>	Candolle
<i>H. scorpioides</i>	Labillardière
<i>H. Gunnianum</i>	Hooker
<i>Helipterum</i> , Candolle	
<i>H. chionolepis</i>	Ferd. Mueller
<i>H. punctatum</i>	Candolle
<i>H. meianum</i>	Candolle
<i>H. brachyrrhynchum</i>	Sonder
<i>Gnaphalium</i> , Linné	
* <i>G. luteo-album</i>	Linné
<i>G. involucratum</i>	Forster
<i>G. indutum</i>	J. Hooker

<i>Erechtites</i> , Rafinesque			
<i>E. glabrescens</i>	Candolle		
<i>E. arguta</i>	Candolle		
<i>E. hispidula</i>	Candolle		
<i>E. macroglossa</i>	Ferd. Mueller		
<i>Senecio</i> , Linné			
<i>S. Cunninghamsii</i>	Candolle		
<i>S. odoratus</i>	Hornemann		
<i>S. Macquariensis</i>	Candolle		
<i>S. vagus</i>	Ferd. Mueller		
<i>S. velleyoides</i>	All. Cunningham		
<i>S. rupicola</i>	Lesson and Ach. Richard		
<i>Bedfordia</i> , Candolle			
<i>B. salicina</i>	Candolle		
<i>Cymbonotus</i> , Cassini			
<i>C. Lawsonianus</i>	Gaudichaud		
<i>Cryptostemma</i> , R. Brown			
* <i>C. calendulaceum</i>	R. Brown		
<i>Silybum</i> , Gaertner			
* <i>S. Marianum</i>	Gaertner		
<i>Centaurea</i> , Linné			
* <i>C. solstitialis</i>	Linné		
<i>Onopordon</i> , Linné			
* <i>O. Acanthium</i>	Linné		
<i>Cynara</i> , Linné			
* <i>C. Scolymus</i>	Linné		
<i>Hypochaeris</i> , Linné			
* <i>H. glabra</i>	Linné		
<i>Taraxacum</i> , Weber			
* <i>T. officinale</i>	Weber		
<i>Picris</i> , Linné			
<i>P. angustifolia</i>	Candolle		
<i>Sonchus</i> , Linné			
* <i>S. oleraceus</i>	Linné		
* <i>S. asper</i>	Villars		
<i>Scorzonera</i> , Linné			
<i>S. Lawrencii</i>	J. Hooker		
AMBROSIACEÆ, LINK.			
<i>Xanthium</i> , Tournefort			
* <i>X. spinosum</i>	Linné		
BRUNONIACEÆ, BROWN.			
<i>Brunonia</i> , Smith			
<i>B. Australis</i>	Smith		
GOODENIACEÆ, BROWN.			
<i>Dampiera</i> , R. Brown			
<i>D. stricta</i>	R. Brown		
<i>Scævola</i> , Linné			
<i>S. suaveolens</i>	R. Brown		
<i>S. æmula</i>	R. Brown		
<i>S. Hookeri</i>	Ferd. Mueller		
<i>S. pallida</i>	R. Brown		
<i>S. spinescens</i>	R. Brown		
<i>Selliera</i> , Cavanilles			
<i>S. herpystica</i>	Schlechtendal		
<i>Goodenia</i> , Smith			
<i>G. humilis</i>	R. Brown		
<i>G. ovata</i>	R. Brown		
<i>G. geniculata</i>	R. Brown		
<i>G. cordifolia</i>	Ferd. Mueller		
<i>G. elongata</i>	Labillardière		
<i>G. glauca</i>	Ferd. Mueller		
<i>G. pinnatifida</i>	Schlechtendal		
<i>Velleya</i> , Brown			
<i>V. paradoxa</i>	R. Brown		
LOBELIACEÆ, JUSSIEU.			
<i>Isotoma</i> , R. Brown			
<i>I. axillaris</i>	Lindley		
<i>Laurentia</i> , Presl			
<i>L. hydrophila</i>	Ferd. Mueller		
<i>L. intricata</i>	Ferd. Mueller		
<i>L. platycalyx</i>	Ferd. Mueller		
<i>Lobelia</i> , Linné			
<i>L. irrigua</i>	R. Brown		
<i>L. pedunculata</i>	R. Brown		
<i>L. gibbosa</i>	Labillardière		
<i>L. simplicicaulis</i>	R. Brown		
<i>L. aniceps</i>	Thunberg		
CAMPANULACEÆ, DUBY.			
<i>Wahlenbergia</i> , Schrader			
<i>W. gracilis</i>	Alph. Candolle		
<i>W. quadrifida</i>	Alph. Candolle		
STYLIDÆÆ, R. BROWN.			
<i>Stylidium</i> , Swartz			
<i>S. graminifolium</i>	Swartz		
<i>S. mundatum</i>	Brown		
<i>Coleostylis</i> , Sonder			
<i>C. Preissii</i>	Sonder		
EPACRIDÆÆ, R. BROWN.			
<i>Stenanthera</i> , R. Brown			
<i>S. conostephoides</i>	Sonder		
<i>Astroloma</i> , R. Brown			
<i>A. humifusum</i>	R. Brown		
<i>A. denticulatum</i>	R. Brown		
<i>Leucopogon</i> , R. Brown			
<i>L. Australis</i>	R. Brown		
<i>L. affinis</i>	R. Brown		
<i>L. Richei</i>	R. Brown		
<i>L. astrolomoides</i>	Ferd. Mueller		
<i>L. trichocarpus</i>	R. Brown		
<i>L. virgatus</i>	R. Brown		
<i>L. glacialis</i>	Lindley		
<i>L. cordifolius</i>	Lindley		
<i>Acrotriche</i> , Brown			
<i>A. serrulata</i>	R. Brown		
<i>A. prostrata</i>	Ferd. Mueller		
<i>Melichrus</i> , R. Brown			
<i>M. glaucifolius</i>	Ferd. Mueller		
<i>Monotoca</i> , R. Brown			
<i>M. scoparia</i>	R. Brown		
<i>M. lineata</i>	R. Brown		
<i>Lissanthe</i> , R. Brown			
<i>L. subulata</i>	R. Brown		
<i>L. montana</i>	R. Brown		
<i>L. ciliata</i>	R. Brown		
<i>L. Cunninghamsii</i>	Candolle		
<i>L. Maceræi</i>	Ferd. Mueller		
<i>Sprengelia</i> , Smith			
<i>S. incarnata</i>	Smith		
<i>Epacris</i> , Cavanilles			
<i>E. impressa</i>	Labillardière		
<i>E. pulchella</i>	Cavanilles		
<i>E. lanuginosa</i>	Labillardière		
<i>E. obtusifolia</i>	Smith		
<i>E. tomentosa</i>	Lindley		
<i>Lysinema</i> , R. Brown			
<i>L. epacrideum</i>	Ferd. Mueller		

COROLLIFLORÆ, CANDOLLE.

MYRSINÆ, R. BROWN.			
<i>Myrsine</i> , Linné			
M. Howittiana	Ferd. Mueller		
OLEINÆ, HOFFMANNSEGG AND LINK.			
<i>Notelawa</i> , Venteuat			
N. ligustriua	Venteuat		
JASMINEÆ, R. BROWN.			
<i>Jasminum</i> , Linné			
J. lineare	R. Brown		
MYOPORINÆ, R. BROWN.			
<i>Myoporum</i> , Banks and Solander			
M. tuberculatum	R. Brown		
M. insulare	R. Brown		
M. pentandrum	Ferd. Mueller		
M. humile	R. Brown		
<i>Pholidia</i> , R. Brown			
P. scoparia	R. Brown		
<i>Stenochilus</i> , R. Brown			
S. glaber	R. Brown		
S. maculatus	Ker		
S. longifolius	R. Brown		
VERBENACEÆ, JUSSIEU.			
<i>Verbena</i> , Linné			
V. officinalis	Linné		
<i>Avicennia</i> , Linné			
A. officinalis	Linné		
LABIATÆ, JUSSIEU.			
<i>Lycopus</i> , Linné			
L. Australis	R. Brown		
<i>Mentha</i> , Linné			
M. Australis	R. Brown		
M. laxiflora	Bentham		
M. gracilis	R. Brown		
M. saturejoides	R. Brown		
<i>Prunella</i> , Linné			
P. vulgaris	Linné		
<i>Marrubium</i> , Linné			
*M. vulgare	Linné		
<i>Scutellaria</i> , Linné			
S. humilis	R. Brown		
<i>Prostanthera</i> , Labillardière			
P. lasianthos	Labillardière		
P. rotundifolia	R. Brown		
P. hirtula	Ferd. Mueller		
P. westringiæformis	Ferd. Mueller		
P. nivea	All. Cunningham		
<i>Westringia</i> , Smith			
W. rigida	R. Brown		
W. senifolia	Ferd. Mueller		
<i>Teucrium</i> , Linné			
T. racemosum	R. Brown		
T. corymbosum	R. Brown		
<i>Ajuga</i> , Linné			
A. Australis	R. Brown		
BORRAGINEÆ, R. BROWN.			
<i>Myosotis</i> , Linné			
M. Australis	R. Brown		
M. suaveolens	Poiret		
<i>Cynoglossum</i> , Linné			
C. latifolium	R. Brown		
C. Australe	R. Brown		
C. suaveoleus	R. Brown		
CONVOLVULACEÆ, JUSSIEU.			
<i>Calystegia</i> , R. Brown			
C. sepium	R. Brown		
<i>Convolvulus</i> , Linné			
C. crubeseus	Sims		
<i>Dichondra</i> , Forster			
D. repens	Forster		
<i>Cressa</i> , Linné			
C. Cretica	Linné		
<i>Wilsonia</i> , Brown			
W. Backhousii	J. Hooker		
W. rotundifolia	Hooker		
<i>Cuscuta</i> , Linné			
C. Australis	R. Brown		
BIGNONIACEÆ, R. BROWN.			
<i>Tecoma</i> , Jussieu			
T. Latrobei	Ferd. Mueller		
APOCYNÆ, R. BROWN.			
<i>Lycopsis</i> , Brown			
L. straminea	R. Brown		
<i>Alyxia</i> , Banks			
A. buxifolia	R. Brown		
LOGANIACEÆ, ENDLICHER.			
<i>Logania</i> , R. Brown			
L. revoluta	R. Brown		
L. elliptica	R. Brown		
GENTIANÆ, JUSSIEU.			
<i>Gentiana</i> , Linné			
G. Diemensis	Grisbach		
<i>Sebaea</i> , R. Brown			
S. ovata	R. Brown		
S. albidiflora	Ferd. Mueller		
<i>Erythraea</i> , Rencahn			
E. Australis	R. Brown		
<i>Villarsia</i> , Venterat			
V. parnassifolia	R. Brown		
<i>Mitrasacme</i> , Labillardière			
M. paradoxa	R. Brown		
SOLANACEÆ, JUSSIEU.			
<i>Solanum</i> , Linné			
S. nigrum	Linné		
S. laciniatum	R. Brown		
S. Hystrix	R. Brown		
*S. Sodomæum	Linné		
<i>Nicotiana</i> , Linné			
N. suaveolens	Lehmann		
<i>Datura</i> , Linné			
*D. Tatula	Linné		
ACANTHACEÆ, R. BROWN.			
<i>Basileophyta</i> , Ferd. Mueller			
B. Friderici Augusti	Ferd. Mueller		

SCROPHULARINÆ, R. BROWN.

<i>Mimulus</i> , Linné	
<i>M. repens</i>	R. Brown
<i>Mazus</i> , Lourcero	
<i>M. Pumilio</i>	R. Brown
<i>Gratiola</i> , Linné	
<i>G. latifolia</i>	R. Brown
<i>G. pubescens</i>	R. Brown
<i>Glossostigma</i> , Arnott	
<i>G. Drummondii</i>	Bentham
<i>Veronica</i> , Linné	
<i>V. perfoliata</i>	R. Brown
<i>V. labiata</i>	R. Brown
<i>V. notabilis</i>	Ferd. Mueller
<i>V. calycina</i>	R. Brown
<i>V. flagelligera</i>	Ferd. Mueller
<i>V. gracilis</i>	R. Brown
* <i>V. peregrina</i>	Linné

LENTIBULARINÆ, RICHARD.

<i>Utricularia</i> , Linné	
<i>U. Australis</i>	R. Brown
<i>U. lilacina</i>	Ferd. Mueller
<i>U. linearifolia</i>	Benjamin

PRIMULACEÆ, VENTENAT.

<i>Samolus</i> , Tournefort	
<i>S. litoralis</i>	R. Brown
<i>Anagallis</i> , Linné	
* <i>A. phœnicea</i>	Lamark
* <i>A. cœrulea</i>	Schreber

PLUMBAGINÆ, JUSSIEU.

<i>Statice</i> , Linné	
<i>S. Australis</i>	Sprengel

PLANTAGINÆ, VENTENAT.

<i>Plantago</i> , Linné	
<i>P. varia</i>	R. Brown
<i>P. debilis</i>	R. Brown
* <i>P. lanceolata</i>	R. Brown
* <i>P. Coronopus</i>	R. Brown

MONOCHLAMYDEÆ, CANDOLLE.

NYCTAGINÆ, JUSSIEU.

<i>Barbavia</i> , Linné	
<i>B. mutabilis</i>	R. Brown

LAURINÆ, JUSSIEU.

<i>Cassya</i> , Linné	
<i>C. glabella</i>	R. Brown
<i>C. pubescens</i>	R. Brown
<i>C. melantha</i>	R. Brown
<i>C. extensa</i>	Ferd. Mueller

PROTEACEÆ, R. BROWN.

<i>Persoonia</i> , Smith	
<i>P. ferruginea</i>	Smith
<i>P. rigida</i>	R. Brown
<i>P. juniperina</i>	Labillardière
<i>P. suffruticosa</i>	Ferd. Mueller

<i>Isopogon</i> , R. Brown	
<i>I. Ceratophyllus</i>	R. Brown

<i>Grevillea</i> , R. Brown	
<i>G. Victoriae</i>	Ferd. Mueller
<i>G. triseeta</i>	Ferd. Mueller
<i>G. Latrobei</i>	Meisner
<i>G. lavandulacea</i>	Schlechtendal
<i>G. oreophila</i>	Ferd. Mueller
<i>G. Dallachiana</i>	Ferd. Mueller
<i>G. chrysophaea</i>	Ferd. Mueller
<i>G. parviflora</i>	R. Brown
<i>G. alpina</i>	Lindley
<i>G. variabilis</i>	Lindley
<i>G. Aquifolium</i>	Lindley
<i>G. induta</i>	Ferd. Mueller
<i>G. ilicifolia</i>	R. Brown
<i>G. repens</i>	Ferd. Mueller

<i>Lomatia</i> , R. Brown	
<i>L. longifolia</i>	R. Brown
<i>L. ilicifolia</i>	R. Brown
<i>L. Fraseri</i>	R. Brown

<i>Hakea</i> , Schrader	
<i>H. semiplana</i>	Ferd. Mueller
<i>H. parilis</i>	Knight and Salisbury
<i>H. brachyrrhyncha</i>	Ferd. Mueller
<i>H. rostrata</i>	Ferd. Mueller
<i>H. microcarpa</i>	R. Brown
<i>H. ulicina</i>	R. Brown

<i>Banksia</i> , Linné, jun.	
<i>B. Australis</i>	R. Brown
<i>B. verticillata</i>	R. Brown
<i>B. integrifolia</i>	Linné, jun.
<i>B. serrata</i>	Linné, jun.
<i>B. prionophylla</i>	Ferd. Mueller

THYMELEÆ, JUSSIEU.

<i>Pimelea</i> , Banks and Solander	
<i>P. elata</i>	Ferd. Mueller
<i>P. linifolia</i>	Smith
<i>P. glauca</i>	R. Brown
<i>P. humilis</i>	R. Brown
<i>P. flava</i>	R. Brown
<i>P. serpillifolia</i>	R. Brown
<i>P. elachantha</i>	Ferd. Mueller
<i>P. curviflora</i>	R. Brown
<i>P. octophylla</i>	R. Brown
<i>P. phylloides</i>	Meisner
<i>P. distinctissima</i>	Ferd. Mueller
<i>P. axiflora</i>	Ferd. Mueller

AMARANTHACEÆ, JUSSIEU.

<i>Trichinium</i> , R. Brown	
<i>T. spathulatum</i>	R. Brown
<i>T. lanatum</i>	Lindley
<i>T. Wchianum</i>	Ferd. Mueller
<i>T. pachoccephalum</i>	Moquin

<i>Alternanthera</i> , Forskael	
<i>A. denticulata</i>	R. Brown

<i>Hemichroa</i> , Brown	
<i>H. pentandra</i>	R. Brown

SALSOLACEÆ, JUSSIEU.

<i>Rhagodia</i> , Brown	
<i>R. nutans</i>	R. Brown
<i>R. Billardieri</i>	R. Brown
<i>R. hastata</i>	R. Brown
<i>R. angustifolia</i>	Ferd. Mueller

<i>Chenopodium</i> , Linné	
<i>C. ambiguum</i>	R. Brown
<i>C. erosum</i>	R. Brown
<i>C. microphyllum</i>	Ferd. Mueller

<i>Blitum</i> , Linné	
<i>B. glandulosum</i>	Moquin
<i>B. carinatum</i>	Moquin

<i>Caladenia</i> , R. Brown	
<i>C. caerulea</i>	R. Brown
<i>C. carnea</i>	R. Brown
<i>C. alata</i>	R. Brown
<i>C. pulcherrima</i>	Ferd. Mueller

<i>Lyperanthus</i> , Brown	
<i>L. nigricans</i>	R. Brown

<i>Glossodia</i> , R. Brown	
<i>G. major</i>	R. Brown
<i>G. minor</i>	R. Brown

<i>Pterostylis</i> , R. Brown	
<i>P. concinna</i>	R. Brown
<i>P. cucullata</i>	R. Brown
<i>P. pedunculata</i>	R. Brown

<i>Macdonaldia</i> , Gunn	
<i>M. antennifera</i>	Lindley

<i>Dipodium</i> , R. Brown	
<i>D. punctatum</i>	R. Brown

IRIDEÆ, JUSSIEU.

<i>Patersonia</i> , R. Brown	
<i>P. aspera</i>	Ferd. Mueller

<i>Diplarrhena</i> , Labillardière	
<i>D. Moræa</i>	Labillardière

AMARYLLIDEÆ, R. BROWN.

<i>Crinum</i> , Linné	
<i>C. corynorrhizum</i>	Ferd. Mueller

HYPOXIDEÆ, ENDLICHES.

<i>Hypoxis</i> , Linné	
<i>H. glabella</i>	R. Brown
<i>H. vaginata</i>	Schlechtendal
<i>H. hygrometrica</i>	Labillardière

LILIACEÆ, CANDOLLE.

<i>Bulbine</i> , Linné	
<i>B. bulbosa</i>	Haworth
<i>B. semibarbata</i>	Haworth
<i>B. suavis</i>	Lindley

<i>Dichopogon</i> , Kunth	
<i>D. humilis</i>	Kunth
<i>D. leimonophilus</i>	Ferd. Mueller

<i>Caesia</i> , R. Brown	
<i>C. corymbosa</i>	R. Brown
<i>C. vittata</i>	R. Brown
<i>C. parviflora</i>	R. Brown

<i>Thysanotus</i> , R. Brown	
<i>T. tuberosus</i>	R. Brown
<i>T. Patersoni</i>	R. Brown

<i>Tricoryne</i> , R. Brown	
<i>T. elatior</i>	R. Brown

<i>Stypandra</i> , R. Brown	
<i>S. umbellata</i>	R. Brown
<i>S. cæspitosa</i>	R. Brown

<i>Dianella</i> , Lamark	
<i>D. caerulea</i>	Sims
<i>D. revoluta</i>	R. Brown

<i>Xanthorrhæa</i> , Smith	
<i>X. minor</i>	R. Brown
<i>X. Australis</i>	R. Brown

MELANTHACEÆ, R. BROWN.

<i>Burchardia</i> , R. Brown	
<i>B. umbellata</i>	R. Brown

<i>Anguillaria</i> , R. Brown	
<i>A. dioica</i>	R. Brown

APHYLLANTHACEÆ, ENDLICHER.

<i>Laxmannia</i> , R. Brown	
<i>L. Tasmanica</i>	Ferd. Mueller

XYRIDEÆ, ENDLICHER.

<i>Xyris</i> , Linné	
<i>X. operculata</i>	Labillardière

XEROTIDEÆ, ENDLICHER.

<i>Xerotes</i> , R. Brown	
<i>X. effusa</i>	Lindley
<i>X. longifolia</i>	R. Brown
<i>X. collina</i>	R. Brown
<i>X. laxa</i>	R. Brown
<i>X. gracilis</i>	R. Brown

JUNCEÆ, CANDOLLE.

<i>Juncus</i> , Linné	
<i>J. maritimus</i>	Lamark
<i>J. vaginatus</i>	R. Brown
<i>J. effusus</i>	Linné
<i>J. pauciflorus</i>	R. Brown
<i>J. Brownii</i>	Ferd. Mueller
<i>J. homalocaulis</i>	Ferd. Mueller
<i>J. bufonius</i>	Linné
<i>J. prismatocarpus</i>	R. Brown
<i>J. cæspititius</i>	E. Meyer

<i>Lazula</i> , Candolle	
<i>L. campestris</i>	Candolle

JUNCAGINEÆ, RICHARD.

<i>Triglochin</i> , Linné	
<i>T. narum</i>	Ferd. Mueller
<i>T. decipiens</i>	R. Brown
<i>T. tuberosum</i>	Ferd. Mueller
<i>T. mucronatum</i>	R. Brown

<i>Cycnogeton</i> , Endlicher	
<i>C. Huegelii</i>	Endlicher

ALISMACEÆ, RICHARD.

<i>Alisma</i> , Linné	
<i>A. Plantago</i>	Linné

<i>Damasonium</i> , Jussieu	
<i>D. Australe</i>	Salisbury

HYDROCHARIDEÆ, JUSSIEU.

<i>Ottelia</i> , Persoon	
<i>O. ovalifolia</i>	Lindley

LEMNACEÆ, LINK.

<i>Lemna</i> , Linné	
<i>L. minor</i>	Linné
<i>L. trisulca</i>	Linné

TYMPHACEÆ, JUSSIEU.

<i>Typha</i> , Tournefort	
<i>T. Shuttleworthii</i>	Koch and Sonder

NAJADEÆ, LINK.

<i>Posidonia</i> , Kœnig	
<i>P. Caulini</i>	Kœnig

<i>Amphibolis</i> , Agardh	
<i>A. zosterifolia</i>	Agardh

<i>Zostera</i> , Linné	
<i>Z. uninervis</i>	Forskæel

POTAMEÆ, JUSSIEU.

<i>Ruppia</i> , Linné	
<i>R. maritima</i>	Linné

<i>Poa</i> , Linné		<i>Spinifex</i> , Linné	
<i>P. Australis</i>	R. Brown	<i>S. hirsutus</i>	Labillardière
<i>P. Behriana</i>	Ferd. Mueller	<i>Alopecurus</i> , Linné	
<i>P. tenera</i>	Ferd. Mueller	* <i>A. geniculatus</i>	Linné
* <i>P. annua</i>	Linné	<i>Anthistiria</i> , Linné	
<i>P. distichophylla</i>	R. Brown	<i>A. Australis</i>	R. Brown
<i>Briza</i> , Linné		<i>Erianthus</i> , Richard	
* <i>B. minor</i>	Linné	<i>E. Mitchelli</i>	Ferd. Mueller
<i>Phragmites</i> , Trinius		<i>Imperata</i> , Cyrillo	
<i>P. communis</i>	Trinius	<i>I. arundinacea</i>	Cyrillo
<i>Chloris</i> , Swartz		<i>Hemarthria</i> , R. Brown	
<i>C. truncata</i>	R. Brown	II. <i>uncinata</i>	R. Brown
<i>Cynodon</i> , Richard		<i>Tetrarrhena</i> , R. Brown	
<i>C. Dactylon</i>	Richard	<i>T. acuminata</i>	R. Brown
<i>Panicum</i> , Linné		<i>T. contexta</i>	Ferd. Mueller
<i>P. lævinode</i>	Lindley	<i>Microloana</i> , Brown	
<i>P. melananthum</i>	Ferd. Mueller	<i>M. stipoides</i>	R. Brown
<i>P. lacunarium</i>	Ferd. Mueller	<i>Lolium</i> , Linné	
<i>P. marginatum</i>	R. Brown	* <i>L. pereune</i>	Linné
<i>P. spinescens</i>	R. Brown	* <i>L. temulentum</i>	Linné
<i>Setaria</i> , Beauvois		<i>Hordeum</i> , Linné	
<i>S. glauca</i>	Beauvois	* <i>H. murinum</i>	Linné
<i>Isachne</i> , R. Brown			
<i>I. Australis</i>	R. Brown		
<i>Phalaris</i> , Linné			
* <i>P. minor</i>	Retz		

Acotyledoneæ.

FILICES, JUSSIEU.			
<i>Nothochlæna</i> , R. Brown		<i>Adiantum</i> , Linné	
<i>N. distans</i>	R. Brown	<i>A. assimile</i>	Swartz
<i>Grammitis</i> , Swartz		<i>Cheilanthes</i> , Swartz	
<i>G. Australis</i>	R. Brown	<i>C. teuifolia</i>	Swartz
<i>Gymnogramme</i> , Desvaux		<i>Lindsaea</i> , Dryander	
<i>G. rutæfolia</i>	Hooker & Greville	<i>L. linearis</i>	Swartz
<i>Polypodium</i> , Linné		<i>Davallia</i> , Smith	
<i>P. Billardieri</i>	R. Brown	<i>D. dubia</i>	R. Brown
<i>P. Grammitidis</i>	R. Brown	<i>Dicksonia</i> , L'Heritier	
<i>Aspidium</i> , Swartz		<i>D. antarctica</i>	Labillardière
<i>A. proliferum</i>	R. Brown	<i>Alsophila</i> , R. Brown	
<i>A. coriaceum</i>	Swartz	<i>A. Australis</i>	R. Brown
<i>Asplenium</i> , Linné		<i>Trichomanes</i> , Smith	
<i>A. obtusatum</i>	Forster	<i>T. venosum</i>	R. Brown
<i>A. flabellifolium</i>	Cavanilles	<i>Hymenophyllum</i> , Smith	
<i>A. laxum</i>	R. Brown	<i>H. flabellatum</i>	Labillardière
<i>Doodia</i> , Brown		<i>H. nitens</i>	R. Brown
<i>D. caudata</i>	R. Brown	<i>H. cupressiforme</i>	Labillardière
<i>Blechnum</i> , Linné		<i>Gleichenia</i> , Smith	
<i>B. striatum</i>	Swartz	<i>G. microphylla</i>	R. Brown
<i>Lomaria</i> , Willdenow		<i>G. dicarpa</i>	R. Brown
<i>L. Patersoni</i>	Sprengel	<i>G. tenera</i>	R. Brown
<i>L. fluviatilis</i>	Sprengel	<i>Schizæa</i> , Smith	
<i>L. lanceolata</i>	Sprengel	<i>S. fistulosa</i>	Labillardière
<i>L. falcata</i>	Sprengel	<i>S. bifida</i>	Swartz
<i>L. minor</i>	Sprengel	<i>Osmunda</i> , Linné	
<i>L. proceræ</i>	Sprengel	<i>O. barbara</i>	Thunberg
<i>Pteris</i> , Linné		<i>Ophioglossum</i> , Linné	
<i>P. vespertilionis</i>	Labillardière	<i>O. grauinifolium</i>	Willdenow
<i>P. falcata</i>	R. Brown	<i>Botrychium</i> , Swartz	
<i>P. esculenta</i>	Forster	<i>B. Australe</i>	R. Brown

LYCOPODINEÆ, SWARTZ.

<i>Psilotum</i> , Swartz	
<i>P. truncatum</i>	R. Brown
<i>Lycopodium</i> , Linné	
<i>L. densum</i>	Labillardière
<i>L. pleurostachyum</i>	Ferd. Mueller
<i>L. uliginosum</i>	Labillardière
<i>L. musciforme</i>	Ferd. Mueller

MARSILEACEÆ, R. BROWN.

<i>Azolla</i> , Lamark	
<i>A. pinnata</i>	R. Brown
<i>A. rubra</i>	R. Brown
<i>Marsilea</i> , Linné	
<i>M. quadrifolia</i>	Linné