

Catalogue of medicinal plants, according to their natural orders / [Andrew Duncan].

Contributors

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CATALOGUE

OF

MEDICINAL PLANTS,

ACCORDING TO THEIR

NATURAL ORDERS.

EDINBURGH:

PRINTED BY P. NEILL.

1826.



ADVERTISEMENT.

THE following List contains an enumeration of all the vegetable species which are known to me to possess medicinal virtues, in the order in which they are mentioned in my Lectures on Materia Medica.

Of the various principles upon which the numerous articles of the vegetable Materia Medica, may be considered in a course of Lectures, the classification according to a Natural Botanical Arrangement, seems to me to possess many advantages. It not only is the most suitable for combining in one discourse the natural, medical, and pharmaceutical history of each vegetable, but, by the great similarity which exists in these respects among the individuals forming each family, much repetition is avoided ; while a great deal of information can be easily given concerning articles, which, though not officinal in this kingdom, are possessed of virtues that render them valuable in other countries, and may lead to their introduction into more general use. Accordingly, Professor MURRAY of Göttingen, in his celebrated *Apparatus Medicaminum*, followed the natural arrangement of LINNÆUS ; and modifications of that of JUSSIEU have been adopted by DE CANDOLLE and RICHARD.

I have been induced to print this List, in consequence of repeated applications from Pupils, to serve as a kind of text-book, and because it is difficult to understand, and impossible

to remember, so many, often strange names, from hearing them once or twice pronounced in a lecture, and because DE CANDOLLE (whose arrangement in his Essay on the Medicinal Virtues of Plants I have adopted) has not given an enumeration of the individuals belonging to each family; while RICHARD, in his Medical Botany, has confined himself to the species officinal in the French Pharmacopœia. My object has been to make the List universal; as Pupils from this school go to every part of the world, and a knowledge of the instruments of our art cannot be too general, although in its exercise we may content ourselves with a few. I have, however, divided the Species belonging to each Family into two sections; the one containing the plants officinal in the British Pharmacopœias, that the Student may be apprized that his attention is to be chiefly directed to them.

ANDREW DUNCAN junior.

31st March 1826.

LIST
OF
MEDICINAL PLANTS,

ARRANGED

ACCORDING TO DE CANDOLLE'S MODIFICATION
OF THE NATURAL SYSTEM OF JUSSIEU.

I. RANUNCULACEÆ.

1. *Officinal in the British Pharmacopæias.*

Aconitum Napellus.	Helleborus niger.
Delphinium Staphisagria.	fœtidus.

2. *Officinal, or used in other countries.*

Aconitum Anthora.	Dracontium fœtidum.
Cammarum.	Ficaria ranunculoides.
Actæa spicata.	Helleborus orientalis.
Anemone Hepatica.	viridis.
nemorosa.	Nigella Indica.
pratensis.	sativa.
Pulsatilla.	Pæonia officinalis.
Aquilegia vulgaris.	Ranunculus acris.
Cimicifuga Serpentaria.	bulbosus.
Clematis recta.	sceleratus.
Vitalba.	Flammula.
Coptis trifolia.	Thalictrum flavum.
Delphinium Consolida.	Xanthoriza apiiifolia.

II. DILLENIACEÆ.

None.

III. MAGNOLIACEÆ.

1.

Wintera aromaticæ.

2.

- | | |
|---------------------------------|--------------------------|
| <i>Illicium anisatum.</i> | <i>Magnolia glauca.</i> |
| <i>Liriodendron tulipifera.</i> | <i>Melambo (Drymis?)</i> |

VI. ANNONACEÆ.

1.

None.

2.

- | | |
|-------------------------|---------------------------|
| <i>Annona muricata.</i> | <i>Annona reticulata.</i> |
| <i>palustris.</i> | <i>squamosa.</i> |

V. MENISPERMIAÆ.

1.

- | | |
|------------------------------|-------------------------------|
| <i>Menispermum Cocculus.</i> | <i>Colomba ; M. palmatum.</i> |
|------------------------------|-------------------------------|

2.

- | | |
|---------------------------------|-----------------------------|
| <i>Menispermum cordifolium.</i> | <i>Cissampelos Pareira.</i> |
| <i>hirsutum.</i> | <i>Abuta rufescens.</i> |
| <i>verrucosum.</i> | |

VI. CHLENACEÆ.

None.

VII. MALVACEÆ.

1.

- | | |
|--------------------------|----------------------------|
| <i>Malva sylvestris.</i> | <i>Althæa officinalis.</i> |
|--------------------------|----------------------------|

2.

- | | |
|-----------------------------|------------------------------|
| <i>Adansonia Baobab.</i> | <i>Hibiscus abelmoschus.</i> |
| <i>Althæa rosea.</i> | <i>Rosa Sinensis.</i> |
| <i>Bombyx pentandra.</i> | <i>Sida cordifolia.</i> |
| <i>Gossypium herbaceum.</i> | <i>rhomboidea.</i> |
| <i>Hibiscus esculentus.</i> | <i>Theobroma Cacao.</i> |

VIII. STERCULACEÆ

2.

Sterculia urens (Gum Kutteera.)

IX. TILIACEÆ.

2.

Corchorus olitorius. Tilia Europæa.

X. ELEOCARPEÆ.

XI. MARGRAVACEÆ.

XII. OCHNACEÆ.

2

Walkera serrata.

XIII. SIMARUBEÆ.

1.

Quassia excelsa. Quassia Simaruba.

XIV. RUTACEÆ.

a. *Zygophyllea.*

1.

Guaiacum officinale.

2.

Zygophyllum Tobago

b. *Rutaceæ veræ.*

1.

Ruta graveolens.

c. *Diosmeæ*

2.

Diosmæ species (Buch.)

d. *Zanthoxylleæ.*

2.

Dictamnus albus. Zanthoxylon clava Herculis.

Fagara octandra.

e. *Cuspariæ.*

1.

Bonplandia trifoliata.

XV. CARYOPHYLLEÆ.

1.

Dianthus Caryophyllus.

2.

Cucubalus Behen.

Saponaria officinalis.

XVI. LINEÆ.

1.

Linum usitatissimum.

Linum catharticum.

XVII. CISTINEÆ.

1.

Cistus Creticus.

XVIII. VIOLACEÆ.

1.

Viola odorata.

2.

Viola canina.

tricolor.

Ionidium Ipecacuanha.

XIX. PASSIFLOREÆ.

2.

Passiflora quadrangularis.

XX. CAMELLIAE.

2.

Thea Bohea.

viridis.

Camellia Japonica.

Sesanqua.

XXI. HESPERIDEÆ.

1.

Citrus Aurantium.

Citrus Medica.

XXII. MELIACEÆ.

1.

Canella alba.

Swietenia Mahagoni.

febrifuga.

2.

Cedrela Tuna.

Melia Azedarach.

semperfiriens.

XXIII. SARMENTACEÆ.

1.

Vitis vinifera.

XXIV. GERANIACEÆ.

2.

<i>Geranium Cicutarium.</i>	<i>Geranium Robertianum.</i>
maculatum.	rotundifolium.
moschatum.	sanguineum.
pratense.	<i>Oxalis Acetosella.</i>

XXV. GUTTÆFERÆ.

1.

Stalagmitis cambogioides (*Guttæfera vera*).

2.

<i>Calophyllum inophyllum.</i>	<i>Garcinia cambogia.</i>
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XXVI. HYPERICINEÆ.

2.

<i>Hypericum Androsænum.</i>	<i>Hypericum quadrangulum.</i>
perforatum.	

XXVII. HYPOCRATICEÆ.

XXVIII. MALPIGHIACEÆ.

XXIX. ACERINEÆ.

1.

Æsculus Hippocastanum.

2.

<i>Acer saccharinum.</i>	<i>Acer rubrum.</i>
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XXX. SAPINDACEÆ.

2.

<i>Bertholetia excelsa.</i>	<i>Sapindus saponaria.</i>
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XXXI. DROSERACEÆ.

2.

<i>Drosera rotundifolia.</i>	<i>Drosera longifolia.</i>
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XXXII. RESEDACEÆ.

XXXIII. CAPPARIDEÆ.

2.

Capparis spinosa.	Cleome dodecandra.
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XXXIV. CRUCIFERÆ.

Siliquosæ.

1.

Cardamine pratensis.	Sinapis nigra.
Sinapis alba.	Sisymbrium Nasturtium.

2.

Brassica Eruca.	Erysimum Alliaria.
Napus.	Barbarea.
oleracea.	officinale.
Rapa.	Raphanus sativus.
Cheiranthus Cheiri.	Sisymbrium Sophia.
Dentaria pinnata.	tenuifolium.

Siliculosæ.

1.

Cochlearia Armoracea.	Cochlearia officinalis.
Isatis tinctoria.	Thlaspi arvense.
Lepidium latifolium.	campestre.
sativum.	Bursa pastoris.

XXV. PAPAVERACEÆ.

1.

Papaver somniferum.	Papaver Rhæas.
Argemone Mexicana.	Fumaria bulbosa.
Chelidonium majus.	Podophyllum peltatum.
Fumaria officinalis.	Sanguinaria Canadensis.

XXXVI. NYMPHÆACEÆ.

2.

Nymphaea alba.	Nymphaea lutea.
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XXXVII. BERBERIDÆ.

2.

Berberis vulgaris.

XXXVIII. FRANGULACEÆ.

1.

Rhamnus catharticus.

2.

<i>Euonymus Europæus.</i>	<i>Ziziphus vulgaris.</i>
<i>Rhamnus Frangula.</i>	

XXXIX. PITTOPOREÆ.

XL. SAMYDEÆ.

XLI. JUGLANDEÆ.

2.

Juglans cinerea.

XLII. TEREBINTHACEÆ.

1.

<i>Amyris elemifera.</i>	<i>Pistacia Lentiscus.</i>
<i>Gileadensis.</i>	<i>Rhus toxicodendron</i>
<i>Pistacia Terebinthus.</i>	<i>Toluifera Balsamum.</i>

2.

<i>Amyris Opobalsamum.</i>	<i>Mangifera Indica.</i>
<i>Anacardium occidentale.</i>	<i>Pistacia vera.</i>
<i>orientale.</i>	<i>Rhus radicans.</i>
<i>Averrhoa acidissima.</i>	<i>coriaria.</i>
<i>Bursera gummifera.</i>	<i>copallinum.</i>
<i>Brucea antidysenterica.</i>	<i>Spondias Myrobalanus.</i>

XLIII. TREMANDRIÆ.

XLIV. POLYGALÆ.

1.

Polygala Senega.

2.

<i>Krameria triandria.</i>	<i>Polygala vulgaris.</i>
<i>Polygala amara.</i>	

XLV. LEGUMINOSÆ.

1.

Acacia Arabica.	Geoffræa inermis.
vera.	Glycyrrhiza glabra.
Catechu.	Hæmatoxylon Campechianum.
Astragalus Tragacantha.	Myroxylon Peruiferum.
Butea frondosa.	Pterocarpus Santolinus.
Cassia Senna.	Draco.
fistula.	erinacea.
Copaifera officinalis.	Spartium Scoparium.
Dolichos pruriens.	Tamarindus Indica.

2.

Abrus precatorius.	Indigofera tinctoria.
Andira Horsfieldii.	Anil.
Arachis hypogæa.	argentea.
Astragalus exscapus.	disperma.
Creticus.	Lathyrus tuberosus.
Cæsalpinia echinata.	sativus.
Bonduc.	Lotus edulis.
Cassia acutifolia.	Lupinus albus.
Marilandica.	Medicago arborea.
Ceratonia siliqua.	Melilotus officinalis.
Cicer arietinum.	cœrulea.
Colutea arborescens.	Ononis spinosa.
Coumarouma odorata	Phaseolus vulgaris.
Coronilla Emerus.	Trigonella Fœnum-Græcum.
Cytisus Laburnum.	Mimosa inga.
Dalbergia monetaria.	Robinia pseudacacia.
Ervum Lens.	Pisum sativum.
Ervilia.	Spartium purgans.
Galega officinalis.	junceum.
Genista tinctoria.	Trifolium pratense.
Gleditsia triacanthos.	Vicia Faba.
Hedysarum Alhagi.	sativa.
Hymenea Courbaril.	

XLVI. ROSACEÆ.

1.

<i>Agrimonia Eupatoria.</i>	<i>Rosa canina.</i>
<i>Amygdalus communis.</i>	<i>centifolia.</i>
<i>Geum urbanum.</i>	<i>Gallica.</i>
<i>Prunus domestica.</i>	<i>Torrentilla erecta.</i>
<i>Pyrus Cydonia.</i>	

2.

<i>Alchemilla vulgaris.</i>	<i>Potentilla reptans.</i>
<i>Amygdalus Persica.</i>	<i>Poterium Sanguisorba.</i>
<i>Cerasus domestica.</i>	<i>Prunus domestica.</i>
<i>avium.</i>	<i>spinosa.</i>
<i>Mahaleb.</i>	<i>Rosa pallida.</i>
<i>Padus.</i>	<i>moschata.</i>
<i>Lauro-cerasus.</i>	<i>alba.</i>
<i>Fragaria vesca.</i>	<i>Pyrus communis.</i>
<i>Geum rivale.</i>	<i>Rubus fruticosus.</i>
<i>Malus communis.</i>	<i>Idæus.</i>
<i>Mespilus Germanica.</i>	<i>Sorbus domestica.</i>
<i>oxyacantha.</i>	<i>Spiræa Ulmaria.</i>
<i>Potentilla Anserina.</i>	<i>Filipendula.</i>

XLVII. SALICARIE.

1.

Lythrum Salicaria.

2.

Lawsonia inermis.

XLVIII. MELASTOMEÆ.

2.

Melastoma Malabathrica.

XLIX. MYRTI.

1.

<i>Melaleuca Leucadendron.</i>	<i>Eucalyptus resinifera.</i>
<i>Myrtus Pimenta.</i>	<i>Eugenia caryophyllata.</i>
<i>Punica Granatum.</i>	

2. LX.

- Psydiun pomiferum. 1 Myrtus communis.
 pyriferum. caryophyllata.
- L. COMBRETACEÆ. 2.
- Terminalia Benzoin. Bucida Buceros.
- LI. LOASEÆ.
- LII. ONAGRIÆ. 2.
- Trapa natans? Ænothera biennis.
- LIII. FICOIDÆ.
- Sesuvium Portulacastrum. Mesembryanthemum edule.
 crystallinum.
- LIV. PORTULACEÆ.
- Portulaca oleracea. Claytonia perfoliata.
- LV. PARONYCHEÆ.
- 2.
- Herniaria glabra. Herniaria hirsuta.
- LVI. TAMARISCINEÆ.
- 2.
- Tamarix Gallica.
- LVII. NOPALEÆ.
- 2.
- Cactus Opuntia. Cactus Tuna.
- LVIII. GROSSULARIE.
- 2.
- Ribes Grossularia. Ribes rubrum.
 nigrum. Uva crispa.

LIX. CRASSULACEÆ.

1.

*Cotyledon Umbilicus.**lutea.**Rhodiola rosea.**Sempervivum tectorum.*

2.

*Sedum acre.**album.**Sedum Telephium.*

LX. SAXIFRAGEÆ.

2.

*Saxifraga granulata.**Heuchera Americana.*

LXI. CUNONIACEÆ.

2.

Weinmannia.

LXII. UMBELLIFERÆ.

1.

*Anethum Fœniculum.**graveolens.**Angelica Archangelica.**Bubon Galbanum.**Carum Carui.**Conium maculatum.**Coriandrum sativum.**Cuminum Cyminum.**Daucus Carota.**Eryngium maritimum.**Ferula Assafœtida.**Heracleum gummiferum.**Pastinaca Opopanax.**Pimpinella Anisum.**Sium nodiflorum.**Æthusa Meum.**Cynapium.**Anethum Panmorium.**Sowa.**Angelica atro-purpurea.**sylvestris.**Apium graveolens.**involucratum.**Petroselinum.**Astrantia major.**Athamanta Cretensis.**Athamanta Oreoselinum.**Bubon Macedonicum.**Cachrys odontalgica.**Chærophyllum sativum.**temulum.**Cicutaria (Cicuta) aquatica.**major.**virosa.**Crithmum maritimum.**Eryngium aquaticum.**campestre.*

Ferula orientalis (Ammonia- cum).	Pastinaca sativa.
Ferulago (Ammonia- cum).	Peucedanum officinale.
Persica (Sagapenum).	Silaus.
Heracleum lanatum.	Phellandrium aquaticum.
Spondylium.	Pimpinella magna.
Imperatoria Ostruthium.	saxifraga.
Laserpitium latifolium.	Sanicula Europaea.
Siler.	Scandix cerefolium.
Ligisticum Ajawain.	Seseli tortuosum.
Levisticum.	Sison Ammi.
Myrrhis (Scandix) odorata.	Amomum.
Œnanthe crocata.	Sium angustifolium.
fistulosa.	latifolium.
	Ninzi.

LXIII. ARALIACEÆ.

2.

Aralia nudicaulis. spinosa.	Panax quinquefolium (Gin- seng).
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LXVI. CAPRIFOLIÆ.

1.

Sambucus nigra.

2.

Caprifolium Germanicum.	Hedera Helix.
Cornus circinata.	Lonicera Diervillia.
florida.	Sambucus Canadensis.
mas.	Ebulus.
sericea.	Triosteum perfoliatum.

LXV. LORANTHEÆ.

2.

Rhizophora Mangles.	Viscum album.
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LXVI. RUBIACEÆ.

1.

Cinchona cordifolia. lancifolia.	Cinchona oblongifolia. officinalis.
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Callicocca (Cephaëlis) Ipeca-	Rubia tinctorum.
cuanhá.	
	2.
Asperula odorata.	Galium Mollugo.
Chloranthus spicatus.	verum.
Cinchona brachycarpa.	Macrocnemum corymbosum.
triflora	Nauclea (Uncaria) Gambir.
ovalifolia.	Palicouria speciosa.
Condaminea.	Pinkneya pubescens.
Coffæa Arabica.	Portlandia grandiflora.
Cosmibuena obtusifolia.	Psychotria emetica.
Exostemma Caribæa.	Richardsia Braziliensis.
floribunda.	Rubia Manjith.
Galium Aparine.	Valantia cruciata.

LXVII. OPERCULARIÆ.

LXVIII. VALERIANÆ.

	1.
Valeriana officinalis.	
	2.
Valeriana Celtica.	Valeriana Phu.
Jatamansi.	Valerionella olitoria.

LXIX. DIPSACEÆ.

	2.
Dipsacus fullonum.	Scabiosa arvensis.
sylvestris.	succisa.

LXX. COMPOSITÆ.

a. *Corymbiferæ.*

	1.
Anthemis nobilis.	Artemisia Santonica.
Pyrethrum.	Inula Helenium.
Artemisia Abrotanum.	Solidago Virga-aurea.
Absynthium.	Tanacetum vulgare.
maritima.	Tussilago Farfara.

2.

Achillea Ageratum.	Diotis (Gnaphalium) maritima.
atrrata.	Doronicum plantagineum.
Millefolium.	Pardalianches.
moschata.	Erigeron acre.
nana.	Philadelphicum.
nobilis.	Canadense.
Ptarmica.	Eupatorium cannabinum.
Arnica montana.	perfoliatum.
Artemisia campestris.	tenuifolium.
Chinensis.	purpureum.
contra.	Ayapana.
Dracunculus.	satureiaefolium
Pontica.	(Guaco).
Judaica.	Gnaphalium arenarium.
Contra.	Stœchas.
rupestris.	dioicum.
glacialis.	Helianthus tuberosus.
spicata.	Inula dysenterica.
Bellis perennis.	Pyrethrum (Matricaria) Par-
Balsamita (Tanacetum) sua-	thenium.
veolens.	Santolina Chamæcyprissus.
Calendula officinalis.	Senecio vulgaris.
arvensis.	Jacobæa.
Chamæmelum (Matricaria)	Spilanthes oleracea.
vulgare.	Acmella.
Chrysanthemum Leucanthe-	Tussilago Petasites.
mum.	Xanthium Strumarium.
Conyza squarrosa.	

b. *Cynarocephalæ.*

1.

Arctium Lappa.

2.

Calcitrapa Centaurea.	Carthamus lanatus.
stellata.	Centaurea Centaurium.
Carlina acaulis.	Cirsium arvense.
caulescens.	Cnicus (Centaurea) benedictus.
Carthamus tinctorius.	Cyanus segetum.

Cynara Scolymus.	Rhaponticum (Centaurea) Be-
Cardunculus.	hen.
Jacea Centaurea.	Silybum (Carduus) Marianum.
Onopordum Acanthium.	

c. *Labiatifloræ.*d. *Cichoraceæ.*

1.

Lactuca virosa.	Leontodon Taraxacum.
sativa.	

2.

Cichorium Endivia.	Lactuca elongata.
Intybus.	Scorzonera purpurea.
Hieracium murorum.	humilis.
Pilosella.	Sonchus oleraceus.
Lactuca Scariola.	Tragopogon pratense.

LXXI. CAMPANULACEÆ.

LXXII. LOBELIACEÆ.

2.

Lobelia inflata.	Lobelia syphilitica.
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LXXIII. CUCURBITACEÆ.

1.

Cucumis Colocynthis.	Momordica Elaterium.
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2.

Bryonia dioica.	Cucurbita Citrullus.
Carica Papaya.	Momordica Balsamina.
Cucumis melo.	Pepo oblongus.
sativus.	macrocarpus.

Cucurbita Lagenaria.

LXXIV. GESNERIEÆ.

LXXV. VACCINEÆ.

2.

Vaccinium Vitis Idæa.	Vaccinium Oxycoccus.
Myrtillus.	

LXXVI. ERICINÆ.

1.

*Arbutus Uva-ursi.**Rhododendrum Chrysanthum.*

2.

*Erica vulgaris.**Pyrola rotundifolia.**Gualtheria procumbens.**umbellata.**Ledum palustre.*

LXXVII. AQUIFOLIACEÆ.

2.

*Ilex Aquifolium.**Ilex vomitoria.*

LXXVIII. MYRSINEÆ.

LXXIX. SAPOTÆ.

2.

*Achras Sapota.**Bassia butyracea.*

LXXX. EBENACEÆ.

1.

*Styrax officinale.**Styrax Benzoin.*

2.

Diospyros Virginiana.

LXXXI. TERNSTROMIÆ.

LXXXII. OLEINEÆ.

1.

*Olea Europæa.**Fraxinus Ornus (Manna).*

2.

Fraxinus excelsior.

LXXXIII. JASMINEÆ.

2.

Jasminum officinale.

LXXXIV. PEDALINEÆ.

LXXXV. STRYCHNEÆ.

2.

- | | |
|------------------------------|-----------------------------|
| <i>Ignatia amara.</i> | <i>Strychnos Colubrina.</i> |
| <i>Strychnos Nux vomica.</i> | <i>potatorum.</i> |

LXXXVI. APOCYNEÆ.

2.

- | | |
|----------------------------------|--------------------------------|
| <i>Apocynum Androsæmifolium.</i> | <i>Cynanchum Arguel.</i> |
| <i>Asclepias incarnata.</i> | <i>Nerium Oleander.</i> |
| <i>Syriaca.</i> | <i>antidysentericum.</i> |
| <i>tuberosa.</i> | <i>Ophioxylon serpentinum.</i> |
| <i>asthmatica.</i> | <i>Vinca major.</i> |
| <i>gigantea.</i> | <i>minor.</i> |
| <i>Cynanchum Monspeliacum.</i> | <i>Vincetoxicum vulgare.</i> |

LXXXVII. GENTIANEÆ.

1.

- | | |
|-------------------------------|------------------------------|
| <i>Gentiana lutea.</i> | <i>Spigelia Marilandica.</i> |
| <i>Menyanthes trifoliata.</i> | |

2.

- | | |
|-----------------------------|----------------------------|
| <i>Chironia angularis.</i> | <i>Gentiana Chirayita.</i> |
| <i>Erythræa Centaurium.</i> | <i>Ophiorhiza Mungos.</i> |
| <i>Frasera Walterae.</i> | <i>Spigelia Anthelmia.</i> |
| <i>Gentiana Catesbæi.</i> | |

LXXXVIII. BIGNONIACEÆ.

2.

- | | |
|---------------------------|--|
| <i>Sesamum orientale.</i> | |
|---------------------------|--|

LXXXIX. POLEMONEÆ.

XC. CONVOLVULACEÆ.

1.

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| <i>Convolvulus Scammonia.</i> | <i>Convolvulus Jalapa.</i> |
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| <i>Convolvulus Mechoacan.</i> | <i>Convolvulus Turpethum.</i> |
| <i>Scoparius.</i> | <i>panduratus.</i> |
| <i>alpinus.</i> | <i>Cuscuta Europæa.</i> |
| <i>Soldanella.</i> | <i>Epithymum.</i> |

XCI. BORAGINÆ.

1.

Anchusa tinctoria.

2.

*Anchusa officinalis.**Lithospermum officinale.**Borago officinalis.**Onosma echoioides.**Cordia myxa.**Pulmonaria officinalis.**Cynoglossum officinale.**Symphitum Consolida.**Echium vulgare.**Verbena officinalis.**Heliotropium Europæum.**triphylla.*

XCII. SOLANÆ.

1.

*Atropa Belladonna.**Hyoscyamus niger.**Capsicum annum.**Nicotiana Tabacum.**Datura Stramonium.**Solanum Dulcamara.*

2.

*Crescentia Cujute.**Solanum nigrum.**Datura Metel.**Lycopersicon.**fastuosa.**tuberosum.**Hyoscyamus albus.**Verbascum Thapsus.**Mandragora officinalis.**phlomoides.**Nicotiana rustica.**nigrum.**Physalis Alkekengi.*

XCIII. PERSONATÆ.

1.

*Digitalis purpurea.**Gratiola officinalis.*

2.

*Antirrhinum majus.**Scrophularia nodosa.**Linaria vulgaris.**aquatica.**spuria.**Veronica Beccabunga.*

XCIV. LABIATÆ.

*Hyssopus officinalis.**Mentha Piperita.**Lavandula spica.**Pulegium.**Marrubium vulgare.**viridis.**Melissa officinalis.**Origanum Majorana.*

Origanum vulgare. *Teucrium Chamædrys.*

Rosmarinus officinalis. *Marum.*

Salvia officinalis.

2.

Ajuga Chamæpitys. *Monarda punctata.*

Genevensis.

Iva.

reptans.

Betonica officinalis. *Prunella vulgaris.*

Cunila pulegioides. *Salvia Sclarea.*

Dracocephalum Moldavicum. *pratensis.*

Glecoma Hederacea. *Satureja hortensis.*

Lamium album. *Thymbra.*

Leonurus cardiaca.

Melissa Calaminta. *Scutellaria lateriflora.*

Nepeta.

Melitis Melissophyllum. *Teucrium Scordium.*

Mentha sylvestris. *Scorodonia.*

rotundifolia.

crispa.

aquatica.

gentilis.

arvensis.

sativa.

Ocymum Basilicum.

pilosum.

Prunella vulgaris.

Salvia Sclarea.

pratensis.

Satureja hortensis.

Thymbra.

capitata.

Scutellaria lateriflora.

Teucrium Scordium.

Scorodonia.

Creticum.

aureum.

montanum.

capitatum.

Thymus Serpyllum.

vulgaris.

XCV. MYSOPOREÆ.

XCVI. PYRENACEÆ.

2.

Vitex Agnus castus. *Vitex Negundo.*

XCVII. ACANTHACEÆ.

2.

Acanthus mollis. *Justicia paniculata.*

Justicia pectoralis.

XCVIII. LENTIBULARIE.

XCIX. PRIMULACEÆ.

2.

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| <i>Anagallis cœrulea.</i> | <i>Lysimachia vulgaris.</i> |
| <i>Phœnicaea.</i> | <i>Nummularia.</i> |
| <i>Cyclamen Europæum.</i> | <i>Primula officinalis.</i> |

C. GLOBULARIÆ.

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| <i>Globularia Alyssum.</i> |
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CI. PLUMBAGINEÆ.

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| <i>Plumbago Europæa.</i> | <i>Statice Limonium.</i> |
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| <i>Zeylanica.</i> | <i>Caroliniana.</i> |
| <i>rosea.</i> | |

CII. PLANTAGINEÆ.

2.

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| <i>Coronopus mellis.</i> | <i>Plantago lanceolata.</i> |
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| <i>Plantago major.</i> | <i>Ispaghul.</i> |
| <i>media.</i> | <i>Psyllium majus.</i> |

CIV. AMARANTHACEÆ.**CV. CHENOPODEÆ.**

2.

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| <i>Atriplex hortensis.</i> | <i>Chenopodium vulvaria.</i> |
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| <i>Beta Cycla.</i> | <i>Phytolacca decandra.</i> |
| <i>vulgaris.</i> | <i>Salsola sativa.</i> |

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| <i>Camphorosma Monspeliensis.</i> | <i>Kali.</i> |
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| <i>Chenopodium anthelminticum.</i> | <i>Tragus.</i> |
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| <i>Ambrosioides.</i> | <i>Soda.</i> |
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| <i>Botrys.</i> | <i>Spinacia oleracea.</i> |
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| <i>Bonus Henricus.</i> |
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CVI. POLYGONEÆ.

1.

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| <i>Polygonum Bistorta.</i> | <i>Rumex aquaticus.</i> |
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| <i>Rheum palmatum.</i> | <i>Acetosa.</i> |
| <i>undulatum.</i> | |

2.

<i>Polygonum aviculare.</i>	<i>Rumex acutus.</i>
<i>Fagopyrum.</i>	<i>crispus.</i>
<i>Persicaria.</i>	<i>alpinus.</i>
<i>Hydropiper.</i>	<i>Hippolathum.</i>
<i>Rheum Rhaponticum.</i>	<i>scutatus.</i>
<i>compactum.</i>	<i>Acetosella.</i>
<i>Rumex Patientia.</i>	<i>Britannicus.</i>
<i>sanguineus.</i>	<i>obtusifolius.</i>

CVII. LAURINEÆ.

1.

<i>Laurus Cinnamomum.</i>	<i>Laurus Sassafras.</i>
<i>Cassia.</i>	<i>Camphora.</i>
<i>nobilis.</i>	

2.

<i>Laurus Culiban.</i>	<i>Laurus Pichurim.</i>
<i>Benzoin.</i>	

CVIII. MYRISTICEÆ.

1.

Myristica moschata.

CIX. PROTEACEÆ.

CX. THYMALEÆ.

1.

Daphne Mezereum.

2.

<i>Daphne Gnidium.</i>	<i>Daphne Laureola.</i>
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CXI. SANTALACEÆ.

2.

Santalum album.

CXII. ELEAGINEÆ.

CXIII. ARISTOLOCHIE.

1.

<i>Aristolochia Serpentaria.</i>	<i>Asarum Europæum.</i>
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2.

<i>Aristolochia Clematitis.</i>	<i>Aristolochia Pistolochia.</i>
longa.	Indica.
rotunda.	<i>Asarum Canadense.</i>

CXIV. EUPHORBIACEÆ.

1.

<i>Croton (Eleutheria) Cascarilla.</i>	<i>Ricinus communis.</i>
<i>Euphorbia officinarum.</i>	

2.

<i>Buxus sempervirens.</i>	<i>Euphorbia sylvatica.</i>
<i>Croton lacciferum.</i>	<i>Helioscopia.</i>
Tiglum.	Esula.
tinctorium.	Lathyrus.
<i>Emblica officinalis.</i>	Ipecacuanha.
<i>Exæcaria Agalocha.</i>	corollata.
<i>Euphorbia antiquorum.</i>	<i>Jatropha Curcas.</i>
Canariensis.	multifida.
Cyparissias.	<i>Mercurialis annua.</i>
palustris.	<i>Siphonia Cuhuca.</i>
Peplus.	

CXV. MONIMIEÆ.

1.

<i>Dorstenia Contrayerva.</i>

CXVI. URTICEÆ.

1.

<i>Ficus Carica.</i>	<i>Piper nigrum.</i>
<i>Humulus Lupulus.</i>	longum.
<i>Morus nigra.</i>	

2.

<i>Cannabis sativa.</i>	<i>Piper Cubeba.</i>
<i>Parietaria officinalis.</i>	<i>Urtica dioica.</i>
<i>Piper Betel.</i>	

CXVII. AMENTACEÆ.

1.

<i>Quercus Robur.</i>	<i>Quercus pedunculata.</i>

<i>Salix fragilis.</i>	<i>Salix Caprea.</i>
<i>alba.</i>	<i>Ulmus campestris.</i>
2.	
<i>Alnus glutinosa.</i>	<i>Populus nigra.</i>
<i>Ballota nigra.</i>	<i>balsamifera.</i>
<i>Betula alba.</i>	<i>Quercus sessiliflora.</i>
<i>Castanea sativa.</i>	<i>racemosa.</i>
<i>pumila.</i>	<i>inectoria.</i>
<i>Corylus Avellana.</i>	<i>Suber.</i>
<i>Fagus sylvatica.</i>	<i>coccifera.</i>
<i>Liquidamber styraciflua.</i>	<i>alba.</i>
<i>Myrica Gale.</i>	<i>tinctoria.</i>

CXVIII. CONIFERÆ.

1.

<i>Pinus Abies (Abies picea).</i>	<i>Juniperus communis.</i>
<i>sylvestris.</i>	<i>Sabina.</i>
<i>Larix (Larix Europæa).</i>	<i>Lycia.</i>
<i>Balsamea (Abies bals.)</i>	

2.

<i>Abies taxifolia.</i>	<i>Juniperus thurifera.</i>
<i>Canadensis.</i>	<i>Virginiana.</i>
<i>Cupressus sempervirens.</i>	<i>Pinus Mughos.</i>
<i>Juniperus Oxycedrus.</i>	<i>Pinea.</i>
<i>Phœnicea.</i>	<i>Cembra.</i>

MONOCOTYLEDONES.**CXIX. CYCADEÆ.****CXX. HYDROCHARIDEÆ.****CXXI. ALISMACEÆ.**

2.

*Alisma Plantago.***CXXII. PANDANEÆ.**

CXXIII. AROIDEÆ.

1.

Arum maculatum.

2.

*Arum vulgare.**Arum triphyllum.**Dracunculus.*

CXXIV. ORCHIDEÆ.

2.

*Orchis mascula.**Vanilla aromaticæ.*

CXXV. DRYMYRHIZÆ.

1.

*Amomum Zingiber.**Amomum Cardamomum.**Zedoaria.**repens.*

2.

*Alpinia Galanga.**Amomum Zerumbet.**nutans.**Costus Arabicus.**racemosa.**Curcuma longa.**Amomum Granum paradisi.**Kæmpferia Galanga.**racemosum.**Maranta arundinacea.*

CXXVI. MUSACEÆ.

CXXVII. IRIDEÆ.

1.

*Crocus sativus.**Iris Florentina.*

2.

*Iris Germanica.**Iris fœtidissima.**pseudacorus.**versicolor.*

CXXVIII. HÆMODORACEÆ.

CXXIX. AMARYLLIDEÆ.

2.

Narcissus Pseudo-Narcissus.

CXXV. HEMEROCALLIDEÆ.

CXXXI. DIOSCOREÆ.

2.

Tamnus (Tamus) communis.

CXXXII. SMILACEÆ.

1.

Smilax Sarsaparilla.

2.

Smilax China.

CXXXIII. LILIACEÆ.

1.

Allium sativum. *Aloe vulgaris.**Cepa.* *sinuata.**Porrum.* *Scilla maritima.**Aloe spicata.*

2.

Aletris farinosa. *Convallaria majalis.**Allium Scorodoprasum.* *Dracæna Draco.**victorialis.* *Erythronium Americanum.**Aloe perfoliata.* *Lilium candidum.**elongata.* *Polygonatum uniflorum.**linguæformis.* *Ruscus aculeatus.**Asparagus officinalis.* *Hypoglossum.*

CXXXIV. COLCHICACEÆ.

1.

Colchicum autumnale. *Veratrum album.*

2.

Colchicum Illiricum. *Veratrum Sabadilla.**Veratrum nigrum.* *viride.*

CXXXV. COMMELINEÆ.

CXXXVI. PALMÆ.

2.

Areca Catechu. *Phœnix dactylifera.**Calamus Draco.* *Sagus Rumphii.**Cocos butyracea.*

CXXXVII. JUNCEÆ.

1.

Acorus Calamus.

CXXXVIII. TYPHÆ.

CXXXIX. CYPERACEÆ.

2.

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| <i>Carex arenaria.</i> | <i>Cyperus rotundus.</i> |
| <i>Cyperus longus.</i> | <i>esculentus.</i> |

CXL. GRAMINEÆ.

1.

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| <i>Avena sativa.</i> | <i>Saccharum officinarum.</i> |
| <i>Hordeum distichon.</i> | <i>Triticum hybernnum.</i> |

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| <i>Andropogon Nardus.</i> | <i>Panicum miliaceum.</i> |
| <i>Schœnanthus.</i> | <i>Secale Cereale.</i> |
| <i>Arundo Donax.</i> | <i>cornutum.</i> |
| <i>Phragmites.</i> | <i>Triticum æstivum.</i> |
| <i>Cynodon Dactylon.</i> | <i>repens.</i> |
| <i>Hordeum vulgare.</i> | <i>Zea Maïs.</i> |
| <i>Oryza sativa.</i> | |

CXLI. EQUISETACEÆ.

2.

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| <i>Equisetum arvense.</i> | <i>Equisetum limosum.</i> |
| <i>fluviatile.</i> | <i>hyemale.</i> |

CXLII. MARSILIACEÆ.

CXLIII. LYCOPODINEÆ.

2.

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| <i>Lycopodium clavatum.</i> |
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CXLIV. FILICES.

1.

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| <i>Aspidium (Polypodium) Filix mas.</i> |
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2.

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| <i>Adiantum capillis Veneris.</i> | <i>Aspidium Rhæticum.</i> |
| <i>pedatum.</i> | <i>Asplenium Adiantum nigrum.</i> |

<i>Asplenium Ruta muraria.</i>	<i>Polypodium vulgare.</i>
Trichomanes.	Calaguala.
<i>Ceterach officinarum.</i>	<i>Pteris aquilina.</i>
<i>Ophioglossum vulgare.</i>	<i>Scolopendrium officinarum.</i>
<i>Osmunda regalis.</i>	

ACOTYLEDONES.

CXLV. MUSCI.

2.

Polytrichum commune.

CXLVI. HEPATICÆ.

2.

Marchantia polymorpha.

CXLVII. LICHENES.

1.

Lichen Islandicus.

2.

<i>Lichen caninus.</i>	<i>Lichen Roccella.</i>
pyxidatus.	saxatilis.
cocciferus.	plicatus.
pulmonarius.	

CLXVIII. HYPOXYLA.

CLXIX. FUNGI.

1.

Boletus igniarius.

2.

<i>Agaricus muscarius.</i>	<i>Lycoperdon Bovista.</i>
<i>Boletus laricis.</i>	<i>Peziza auricula.</i>
suaveolens.	

CL. ALGÆ.

1.

Fucus vesiculosus.

2.

Fucus helminthochorton.

<i>Polygynous marriage</i>	<i>Hypergynous marriage</i>
<i>Practised throughout</i>	<i>Chieflay officiation</i>
<i>Socioeconomic elites</i>	<i>Opposed among all classes</i>
	<i>Omnipresent</i>

ACROTHONTE

CITY, JYUKEI

2

Playground community

CITY, HISTOKE

3

Municipal boundaries

CITY, YUNKEI

4

Liberate Iwakuni

5

Japan House

Japan Cinema

Market

Market

Police

Police

Postponement

Postponement

CITY, HYOGOKE

6

Japan

Japan

Postponement

7

Japanization

Japanization

Perseverance

Perseverance

Perseverance

8

Japan

Japan

Japanization

Japanization