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Katharine J. Hooper

Elizabeth Saxon
from Mrs. Saxon
November 13th 1811.

FIFTY PLATES
OF
GREEN-HOUSE PLANTS,

DRAWN AND COLOURED FROM NATURE.

WITH
CONCISE DESCRIPTIONS, AND RULES FOR
THEIR CULTURE.

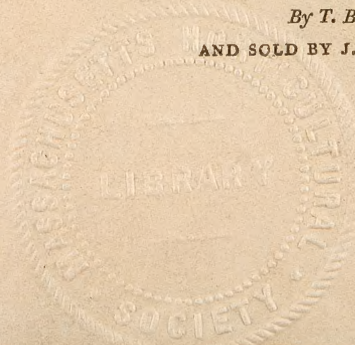
INTENDED ALSO
FOR THE IMPROVEMENT OF YOUNG LADIES IN
THE ART OF DRAWING.

BY
HENRIETTA MARIA MORIARTY.

Second Edition.

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Chicago Botanic Garden
2002

TO

The Dowager Lady de CLIFFORD.

Madam,

I AM well aware that
flattery is a sort of incense,
which your ladyship is not dis-
posed to receive, and, if I know
any thing of my own heart,
it is that, with which I am not
inclined to offend you.

The sanction of a name, so
deservedly approved as your's,
naturally gives me the flatter-
ing hope, that the time which I
spent in executing this work,
was not employed uselessly.



Suffer me then, as a testimony
of high respect for your lady-
ship's character, and of grati-
tude for kindness to me and my
children, to subscribe myself,

Your Ladyship's

Most obliged, most faithful,

And humble servant,

H. M. MORIARTY.

BOLEY-HILL, ROCHESTER,
JAN. 1896.

PREFACE.

This work is intended for those
who take delight in plants, but have
not the advantage of a gardener who
understands them: I have therefore
delineated a select number of such
plants, as are remarkable for their
beauty, their odour, or some pecu-
liarity in their economy; and I have
added to each the Linnean name,
and a short account of the most ap-
proved mode of cultivating it: this
is the principal object of my work,
such as it is: but there are several
subordinate objects, of which one is
the very obvious use of correct draw-

ings in public boarding-schools: the senses cannot be too soon habituated to the nicer discrimination of objects; and those who have the instruction, or, I might say, the formation, and even the fashioning of young minds most at heart, often find it difficult to obtain representations in this most pleasing branch of natural history; on the one hand sufficiently accurate, and, on the other, entirely free from those ingenious speculations and allusions, which, however suited to the physiologist, are dangerous to the young and ignorant: for this reason I have taken as little notice as possible of the system of the immortal Linneus, and of all the illustrations and comments on it; nay, I have not

once named the fanciful Doctor Darwin, and, having no desire to extenuate the merit of any writer, or to supercede the use of his labour, it will be pleasure and satisfaction enough for me if my own performance shall prove such an one as the rising generation can consult with safety and advantage.

Another object which, I flatter myself, I have in view, without presumption, is, that I may sometimes lay the foundation of a taste for the most refined pleasure that the field or garden can afford, and, at the same time, instil an early conviction of the wisdom in which are made the manifold works of the Supreme Being.

Much more I might add ; but, if I proceed, I foresee that I shall not easily know when to end ; therefore, having premised so much, I conclude by deprecating the severity of censure, and by trusting to the favour of my reader.

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1

AFRICAN AGAPANTHUS, OR BLUE
LILY.

Lat: *Agapanthus Umbellatus.*

Cl: HEXANDRIA.

Ord: MONOGYNIA.

There are two varieties of this plant, a Major and a Minor.

Plant the roots in light earth from offsets, when the leaves and stalks decay.

They flower in the autumn, and continue a long time in blossom.



Agapanthus, or Blue Lily.



Aitonia Cape

2

CAPE AITONIA.

Lat: *Aitonia Capensis*,

Cl: MONODELPHIA.

Ord: OCTANDRIA.

This is a shrub of slow growth, which produces its blossoms and fruit great part of the year.

The fruit is a red berry.

It is propagated by seeds.

PARTRIDGE BREAST ALOE.

Lat: *Aloë Variegata.*

Cl: HEXANDRIA.
Ord: MONOGYNIA.

The plant from which this drawing was taken, was two feet high, but in general it seldom exceeds eighteen inches.

It continues in blossom all the summer, and its foliage is extremely beautiful.

It is increased by offsets, suckers, or by cutting the leaves, which should lay some days to dry previous to their being planted.

This plant requires light earth, and the rooting is greatly facilitated by being placed in a Hot-bed.



Aloe Partridge Breast.



Arum Marsh Bastard.

MARSH BASTARD ARUM.

Lat: *Calla Palustris.*

Cl: GYNANDRIA.

Ord: POLYANDRIA.

This drawing was taken from a plant nearly three feet high, it blossoms in March, and continues in leaf all the year.

It is propagated by offsets, which should be planted singly, and in light earth.

EGYPTIAN BIND-WEED.

Lat: *Convolvulus Cairicus.*

Cl: PENTANDRIA.

Ord: MONOGYNIA.

Although this beautiful plant is called the Egyptian Bind-weed, yet its native place is not known.

It is encreased by cuttings, and requires light earth.

Seeds sown in a Hot-bed, will succeed.

It flowers in June, July, and August.



Bind Weed Egyptian.



Buddlea - Bound Headed.

ROUND-HEADED BUDDLEA.

Lat: *Buddlea Globosa.*

Cl: TETRANDRIA.

Ord: MONOGYNIA.

The Buddlea is a beautiful plant, which grows to a great size, it is considered as belonging to the Green-house, but it will succeed in the open border, if care is taken to shelter it from the Frost.

It is easily propagated by either cuttings or layers; it blossoms in May and June.

SCARLET-BLADDER SENNA.

Lat: *Colutea Frutescens.*

Cl: DIADELPHIA.

Ord: DECANDRIA.

This ornamental shrub flowers in July. Occasionally it is placed in the shrubbery; but, as it requires a warm situation in the winter (as frost destroys it), it is generally considered as belonging to the Green-house, where it grows to two or three feet in height.



Bladder Senna.



SCARLET-FLOWERED CRASSULA.

Lat: *Crassula Coccinea.*

Cl: PENTANDRIA.

Ord: PENTAGYNIA.

The richness of the colour, and the superb appearance of this plant, make it much esteemed in a Green-house collection.

It generally flowers in June, July, and August, also, sometimes, in the spring.

It is propagated by cuttings of the stalks and branches; it succeeds best in a sandy compost; it should be very seldom watered in the winter, and about twice a week in the summer.

This plant requires being sheltered from the sun.

DARK-COLOURED CATCHFLY.

Lat : *Silene Ornata*.

Cl: DECANDRIA.

Ord: TRIGYNIA.

The richness of the colour of this plant secures it a place in every Green-house.

It came from the Cape ; it begins to blossom in June, and is easily propagated either by seeds or by cuttings.



Catchfly - Dark Colour'd.

THREE-FLOWERED CROTALARIA.

Lat: *Crotalaria Triflora.*

Cl: DIADELPHIA.

Ord: DECANDRIA.

This plant makes a beautiful appearance, producing large yellow bunches of flowers, in June and July; it rises to the height of three or four feet.

It is propagated by cuttings, and also by seeds; the assistance of a Hot-bed will be found necessary for either.



Crotaria Three-Flowered.

CREEPING CEREUS.

Lat: *Caetus Flagelliformis.*

Cl: ICOSANDRIA.

Ord: MONOGYNIA.

Is a native of America, where it grows wild among the rocks; formerly it was considered as a Stove plant, but experience has proved, that it is sufficiently hardy to thrive in the Green-house.

It is propagated by cuttings of from three to six inches, taken off in joints from the branches: they should be laid in a dry place to heal the cut part, and may then be planted in pots with light soil; and to facilitate their rooting, they may be put into a gentle Hot-bed, and then placed with the other Green-house plants.

The proper time for doing this is in the month of July.

This plant requires very little water, and a dry situation in the summer.



Cereus Creeping.



Cyclamen Persian.

12

CYCLAMEN PERSIAN.

Lat: *Cyclamen Persicum.*

Cl: PENTANDRIA.

Ord: MONOGYNIA.

This elegant Cyclamen being a tender plant should remain in the Green-house.

It flowers early in the spring ; may be propagated by seeds, or by parting the roots.

Plant them when the leaves decay in light earth ; they require very little water.

13

SEA-GREEN, OR DAY-SMELLING
CORONILLA.

Lat: *Coronilla Glauca.*

Cl: DIADELPHIA.

Ord: DECANDRIA.

This shrub furnishes a distinguishing variety in its ever-green leaves, and flowers all the year in the Green-house.

The blossom is fragrant in the day, but at night has no scent.

It is propagated by seed, which should be sown in pots, in March or April, and then placed in a moderate Hot-bed.



Coronilla Day - Smelling.



Convolvulus silky leaved.

14

SILKY-LEAVED CONVULVULUS.

Lat: *Convolvulus Althacoides.*

Cl: PENTANDRIA.

Ord: MONOGYNIA.

This elegant twining creeper deserves admittance into every collection, from its beautiful downy and silvery foliage.

It is propagated by layers and cuttings of the young shoots, and likewise by seeds raised in a Hot-bed.

It flowers in June, July, and August.

15

CROSS-LEAVED CHIRONIA.

 Lat: *Chironia Decussata.*

Cl: PENTANDRIA.

Ord: MONOGYNIA.

This plant is very ornamental to a Green-house collection, as it flowers from June till October.

Sometimes it is propagated by cuttings, but it succeeds better by seed sown in pots of light compost, and placed in a gentle Hot-bed.

This should be done in the spring.

*Chironia Cross Leaved.*



Caper Shrub.

16

THE CAPER-SHRUB.

Lat: *Capparis Spinosa.*

Cl: POLYANDRIA.

Ord: MONOGYNIA.

Capparis Spinosa is a native of Italy; the buds are the capers which we so much esteem in sauce.

Sometimes it is propagated by slit-laying the young branches, but it succeeds best from seed, which should be placed in a hot-bed.

This plant thrives most luxuriantly in an horizontal position, but it seldom arrives at perfection in this country.

17

ROSE CAMELLIA.

 Lat: *Camellia Japonica*.

Cl: MONADELPHIA.

 Ord: POLYANDRIA.

Representations of this very beautiful Tree are frequently seen in Chinese paintings.

It is a native of Japan, where it grows to a great height, and bears single and double blossoms of various colours. It continues in flower from April to December, and succeeds very well in the Green-house.

It is propagated by cuttings.



Camellia Rose.



Corn Flag—Snow White.

18

SNOW-WHITE CORN-FLAG.

Lat: *Gladiolus Blandus. (var. B.)*

Cl: TRIANDRIA.

Ord: MONOGYNIA.

Plants of this species flower in May and June, and are propagated by offsets taken from the root, when the leaves decay; and also by seed.

They require light earth, and to be well sheltered during the winter.

19

INDIAN CHYSANTHEMUM.

Lat: *Chrysanthemum Indicum.*

Cl: SYNGENESIA.

Ord: POLYGAMIA SUPERFLUA.

The magnificent appearance of this plant, makes it to be held in such estimation by the Chinese, that they decorate their hair, and on particular occasions, ornament their tables with the flowers, which they consider as paying great homage to their company.

It blossoms late in the year, and is propagated by parting the roots, or by slips: this may be done from March 'till Midsummer.



Chrysanthemum Indian.



Dais Cotinus. Leaved.

20

COTINUS-LEAVED DAIS.

Lat : *Dais Cotinifolia.*

Cl: DECANDRIA.

Ord: MONOGYNIA.

This deciduous shrub, brought from the Cape, is very seldom to be met with here, because the right mode of propagating it is, perhaps, not yet ascertained.

It flowers in June and July.

Whether it has yet produced perfect seed in this country, I am uncertain: it had produced none in Mr. Curtis's time.

SCARLET FUCHSIA.

Lat: *Fuchsia Coccinea.*

Cl: OCTANDRIA.

Ord: MONOGYNIA.

This very favourite plant, from the beauty of the flower and foliage, justly claims a place in every Green-house.

It is propagated by layers, cuttings, and seeds, and although it is properly a Green-house plant, yet it is of so hardy a nature as to grow luxuriantly on the outside of Mr. Geg's Hot-house at Hampton.



Fuchsia Scarlet.



Geranium Ivy-Leaved.

22

IVY-LEAVED GERANIUM.

Lat : *Geranium Pettatum.*

Cl: MONADELPHIA.

Ord: DECANDRIA.

This is one of the Geraniums which come from Africa.

It is of the Herbaceous kind, but not so tender as many others; and it is easily propagated by cuttings from shoots of a year old; also by seeds.

Plant the cuttings from March till July; the seeds should be sown in April.

RIGID-LEAVED GORTERIA.

Lat: *Gorteria Rigens.*

Cl: SYNGENESIA.

Ord: POLYGAMIA FRUTRANEA.

The Gorteria is a native of the Cape; the brilliancy of its blossom renders it a great acquisition to the Green-house.

It flowers in May, June, and July; is propagated by cuttings in the summer, which should be planted in a Hot-bed.



a Rigid-Leaved.



Geissorhiza Yellow-Leaved.

24

YELLOW-FLOWERED GEISSORPHIZA.

Lat: *Geissorhiza Obtusata.*

Cl: TRIANDRIA.

Ord: MONOGYNIA.

As this plant is a native of a warm climate, it requires the shelter of a garden-frame, or of a Green-house, during the winter.

It flowers in May: and when the leaves and stalks decay, then is the proper time to transplant the roots, or to propagate them by offsets.

RECURVED HEATH.

Lat: *Erica Retorta.*

Cl: OCTANDRIA.

Ord: MONOGYNIA.

This beautiful Heath still continues to be a very scarce plant.

It flowers in August, and is encreased by cuttings, which are much assisted by being placed in a Hot-bed.



Heath Recurved.



Hibiscus Superb.

26

SUPERB HIBISCUS.

Lat: *Hibiscus Speciosus.*

Cl: MONADELPHIA.

Ord: POLYANDRIA.

This magnificent plant came from Carolina ; formerly it was always treated as a Stove-plant, but it is now most frequently to be seen in the Green-house.

It flowers in August, and is propagated by seeds, which require the assistance of the Hot-bed.

GREEN-STAINED IXIA.

Lat: *Ixia Maculata*, var *Viridis* (Y).

Cl: TRIANDRIA.

Ord: MONOGYNIA.

This plant is much valued for the singularity of its colour.

It blossoms in May, June, and July, and requires the same treatment as other *Ixias*.



Ixia Green Stained.



Ixia Saffron Coloured.

28

SAFFRON-COLOURED IXIA.

Lat: *Ixia Crocata.*

Cl: TRIANDRIA.

Ord: MONOGYNIA.

The *Ixias* in general being natives of a warm climate, require in this country to be kept in pots, and sheltered either in the Frame, or Green-house during the Winter.

They flower in May, June, and July, like other bulbous roots: they produce their leaves and flowers in the Spring, and decay in the Summer and Autumn; which is the proper time to transplant the roots, and to propagate them by offsets.

PHILADELPHIAN LILY.

Lat : *Lilium Philadelphicum.*

Cl: HEXANDRIA.

Ord: MONOGYNIA.

The Philadelphian Lily blossoms in July,
and may be raised from seeds, but will succeed
more readily by offset bulbs, when the leaves
decay.



Lily Philadelphian.



Lily Barbadoes.

30

BARBADOES AMARYLLIS, OR LILY.

Lat: *Amaryllis Equestris.*

Cl: HEXANDRIA.

Ord: MONOGYNIA.

This being a very tender plant requires much care.

It flowers in April, and is propagated by offsets, taken from the root, when the leaves decay.

It succeeds best in light earth.

BUCKS-HORN LOBELIA.

Lat: *Lobelia Coronopisolia.*

Cl: SYNGENESIA.

Ord: MONOGAMIA-LINN.

This plant deserves admittance into all collections, for the great beauty of the flower, which opens in July and August.

It may be propagated by seeds sown in boxes, to defend it from the frost, or, by cuttings of the stalks in June; also by offsets in September or in March.





Monsonia - Large Flower'd.

LARGE-FLOWERED MONSONIA.

Lat : *Monsonia Speciosa.*

Cl: POLYADELPHIA.

Ord: DODECANDRIA.

This beautiful plant is a native of the Cape ;
it is much esteemed for its elegant flower.

It is a hardy Green-house plant, and should
be raised from seeds.

PURPLE MAGNOLIA;

Lat: *Magnolia Purpurea.*

Cl: POLYANDRIA.

Ord: POLYGYNIA.

The purple Magnolia is regarded as a hardy Green-house plant, which came from China, and grows to a considerable height.

It is propagated by seed, layers, and cuttings, which should be placed under glasses in their infant state.

The seed succeeds best when sown in light earth, and placed in a Hot-bed.

This plant requires shelter in the Winter, and shade in the Summer.



PURPLE MAGNOLIA;

Lat: *Magnolia Purpurea*.

Cl: POLYANDRIA.

Ord: POLYGYNIA.

The purple Magnolia is regarded as a hardy Green-house plant, which came from China, and grows to a considerable height.

It is propagated by seed, layers, and cuttings, which should be placed under glasses in their infant state.

The seed succeeds best when sown in light earth, and placed in a Hot-bed.

This plant requires shelter in the Winter, and shade in the Summer.



Magnolia Purple



34

WHORLED-LEAVED MIMOSA.

Lat: *Mimosa Verticillata.*

Cl: POLYGAMIA.

Ord: MONOECIA.

This plant does not arrive at perfection till after several years growth; it comes from Botany Bay, and is propagated by seed, which must be sown in a Hot-bed.

It succeeds best in the Green-house.

35

CLIMBING MAURANDYA, OR BAS-
TARD FOX-GLOVE.

Lat: *Maurandya Semper Florens.*

Cl: DIDYNAMIA.

Ord: ANGIOSPERMIA.

This pretty flowering shrub, which grows to six feet and upwards in height, blossoms from the beginning of the Summer 'till the Autumn, affording an ornamental variety to the Green-house.

It is propagated by seeds sown in the Spring, or in the Autumn.



Maurandya Bastard Fox-Glove.



Moraea Spiralis Flowered.

36

SPIRAL-FLOWERED MORAEA.

Lat: *Moraea Spiralis.*

Cl: TRIANDRIA.

Ord: MONOGYNIA.

The *Moraea Spiralis*, came from the Cape.

It blossoms in June and July: in general it is propagated by offsets, and also by seeds.

NEAPOLITAN MEZEREON.

Lat: *Daphne Collina.*

Cl: OCTANDRIA.

Ord: MONOGYNIA.

This is a hardy plant.

Its beautiful foliage and agreeable perfume, render it a great acquisition to the Green-house.

It flowers in February, and is in general increased by being grafted on common Mezereon.



Megereon Neapolitan.



Protea Black flowered.

38

BLACK-FLOWERED PROTEA.

Lat : *Protea Lepidocarpon.*

Cl: TETRANDRIA.

Ord: MONOGYNIA.

The *Protea Lepidocarpon* has a singular foliage, it requires the warmth of the Green-house in Winter.

It is encreased by cuttings, which should be placed in a Hot-bed.

HEART-LEAVED PROTEA.

Lat: *Protea Cordifolia*.

Cl: TETRANDRIA.

Ord: MONOGYNIA.

This singular plant is much admired for the variety of its beautiful foliage.

It is propagated by seeds, in the Spring, which should be sown in pots, and placed in a gentle Hot-bed; also by cuttings.

This plant requires being placed in an airy part of the Green-house.



Protea Heart-Leaved.



Pimpernel Italian.

40

ITALIAN PIMPERNEL.

Lat : *Anagallis Monellis.*

Cl: PENTANDRIA.

Ord: MONOGYNIA.

In Italy this plant grows most luxuriantly, and the beauty of its flower renders it very ornamental in a Green-house, particularly as it continues in blossom during most of the year.

It is propagated by cuttings.

DWARF POMEGRANATE TREE.

Lat: *Punica Nana.*

Cl: ICOSANDRIA.

Ord: MONOGYNIA.

The *Punica Nana*, should be placed in every Green-house, as it is an ornamental shrub, which blossoms beautifully in the Summer and Autumn, and is easily encreased by cuttings.



Pomgranat Dwarf Tree



Phlox Creeping

42

42

CREeping PHLOX.

Lat: *Phlox Stolonifera.*

Cl: PENTANDRIA.

Ord: MONOGYNIA.

The foliage and blossom of this plant, are extremely elegant, and it would be very ornamental, to adorn rock-work; but although a hardy plant, yet it requires shelter from the severe frost of this climate.

It is propagated by seeds and by cuttings.

FIDDLE-LEAVED PHYSIC NUT.

Lat: *Satropa Panduraefolia.*

Cl: MONAECIA.

Ord: MONADELPHIA.

This elegant shrub grows wild in the West Indies.

It continues in flower great part of the year, and is raised by seed, and also by cuttings, which are much forwarded by a Hot-bed.



Physic Nut Fiddle leaved.

WINGED-PODDED SOPHORA.

Lat: *Sophora Tetraptera.*

Cl: DECANDRIA.

Ord: MONOGYNIA.

The richness of the colour, and the magnificent appearance of this plant, secure it a place in most collections.

It will not stand the severe frost of this climate.

It may be propagated by seeds, cuttings, or layers.



Sophora Winged Podded.

45

BLUE SOPHORA.

Lat: *Sophora Australis.*

Cl: DECANDRIA.

Ord: MONOGYNIA.

This is a hardy plant, which will some times succeed in a warm border; it is a native of Asia and America.

It is easily raised by seeds, or by cuttings.



Sophora Blue.



Shot Indian Reed or Shot.

46

COMMON INDIAN REED, OR SPOT.

Lat : *Canna Indica.*

Cl: MONANDRIA.

Ord: MONOGYNIA.

The *Canna Indica* is a native of Asia, Africa, and America, where it continues in flower all the year: but in this Climate it blossoms only in June, July, and August.

It is propagated by seeds, which should be sown in the Spring, and placed in a warm part of the Green-house.

47

SHINING-LEAVED SAGE.

Lat: *Salvia Formosa.*

Cl: DIANDRIA.

Ord: MONOGYNIA.

This delightful Sage came from Peru, and it should be kept in a warm part of the Green-house.

It is expeditiously encreased either by cuttings or slips, which should be placed in a Hot-bed in the Spring of the year.



Sage Shining-Leaved.



Sparmannia Africana.

48

AFRICAN SPARMANNIA.

Lat: *Sparmannia Africana.*

Cl: POLYANDRIA.

Ord: MONOGYNIA.

This elegant tender Shrub came from the Cape, and is at present very scarce.

It is propagated by cuttings.

49

ROSE VERVAIN.

Lat : *Verbena Aubletia*.

Cl: DIANDRIA.

Ord: MONOGYNIA.

The Verbena is generally found in most Green-houses, as the brilliancy of its colour makes it a desirable acquisition.

It blossoms in June and July, and may be propagated either by seeds, cuttings, or layers, which require being placed in a Hot-bed.



Vervain Rose.



Warchendorfia Paniculata.

50

PANICLED WACHENDORFIA.

Lat: *Wachendorfia Paniculata.*

Cl: TRIANDRIA.

Ord: MONOGYNIA.

Plants of this species blossom in July, and in August.

They are propagated by offsets, which should be taken off in September, or early in March.

They require loamy soil.

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OF THE CLASSES TO WHICH EACH
FLOWER BELONGS.

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MONANDRIA.

Canna Indica.

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DIANDRIA.

Salvia Formosa.

Verbena Aubletia.

3.

TRIANDRIA.

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Wachendorfia Paniculata.

Moraea Spiralis.

Ixia Maculata.

Ixia Crocata.

Gladiolous Blandus (var. B.)

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TETRANDRIA.

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HOAT Protea Lipidocarpon.

Protea Cordifolia.

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PENTANDRIA.

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Convolvulus Cairicus.

Chironia Decussata.

Phlox Stolonifera.

Cyclamen Persicum.

Anagallis Monelli.

Crassula Coccinea.

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HEXANDRIA.

Amaryllis Equestris.

Agapantheis Umbellatus.

Lillium Philadelphian.

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OCTANDRIA.

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DIDYNAMIA.

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21.

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23.

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