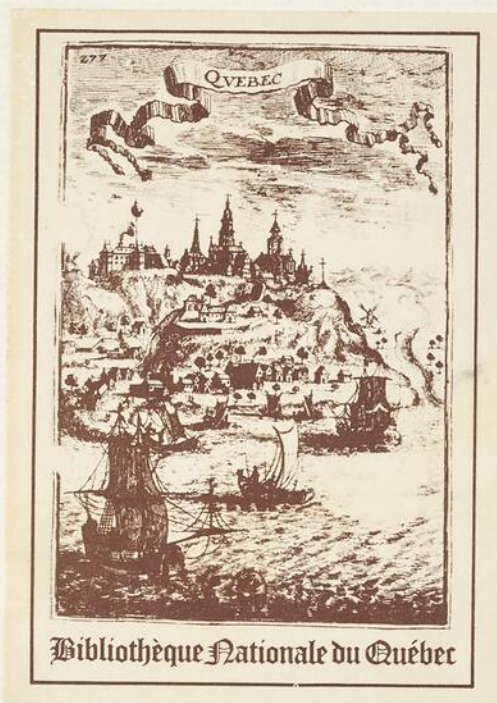
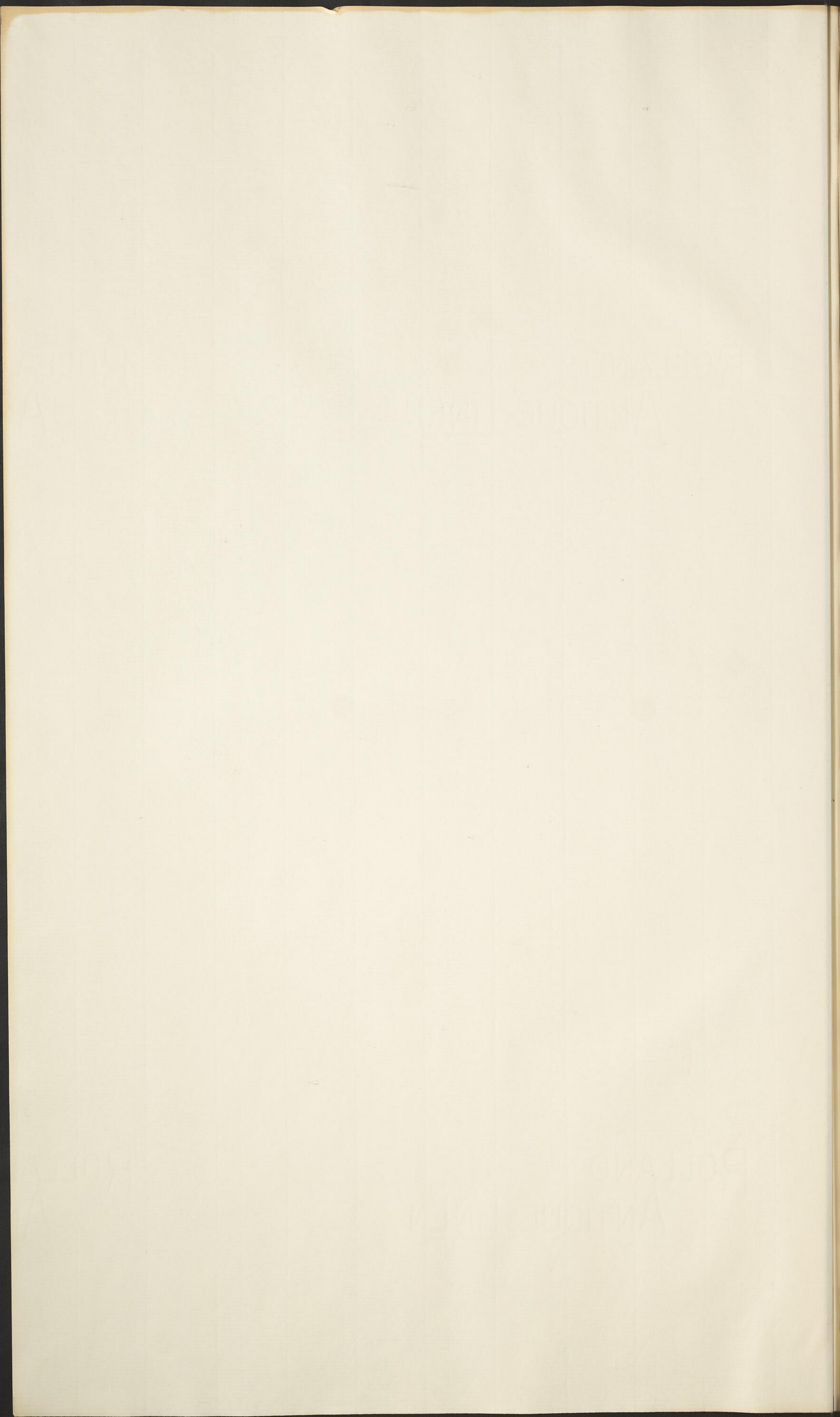


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THE
VEGETABLE SYSTEM.

O R,

The INTERNAL STRUCTURE

A N D

The LIFE of PLANTS;

Their PARTS and NOURISHMENT Explained;

THEIR

CLASSES, ORDERS, GENERA, and SPECIES,
Ascertained and Described;

In a METHOD altogether NEW:

COMPREHENDING

AN ARTIFICIAL INDEX,

A N D

A NATURAL SYSTEM.

With FIGURES of all the PLANTS; Designed and Engraved by the AUTHOR.

The Whole from NATURE only.

By JOHN HILL, M. D.

VOL. XV.

Containing FIVE-PETAL'D PLANTS.

L O N D O N:

Printed at the EXPENCE of the AUTHOR,

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M.DCC.LXIX.

BIBLIOTHÈQUE
SAINT-SULPICE

THE
VEGETABLE SYSTEM

OF THE
VEGETABLE STRUCTURE

AND
THE LIFE OF PLANTS

THE PART OF HORTICULTURE

THIS

CLASS OF OBJECTS IS SPECIALLY

ADAPTED TO

THE STUDY OF

AGRICULTURE

AND THE LIFE OF PLANTS

AND

A NATURAL SYSTEM

OF THE VEGETABLE KINGDOM

BY

J. G. SMITH

VOL. I

THE VEGETABLE KINGDOM

1851

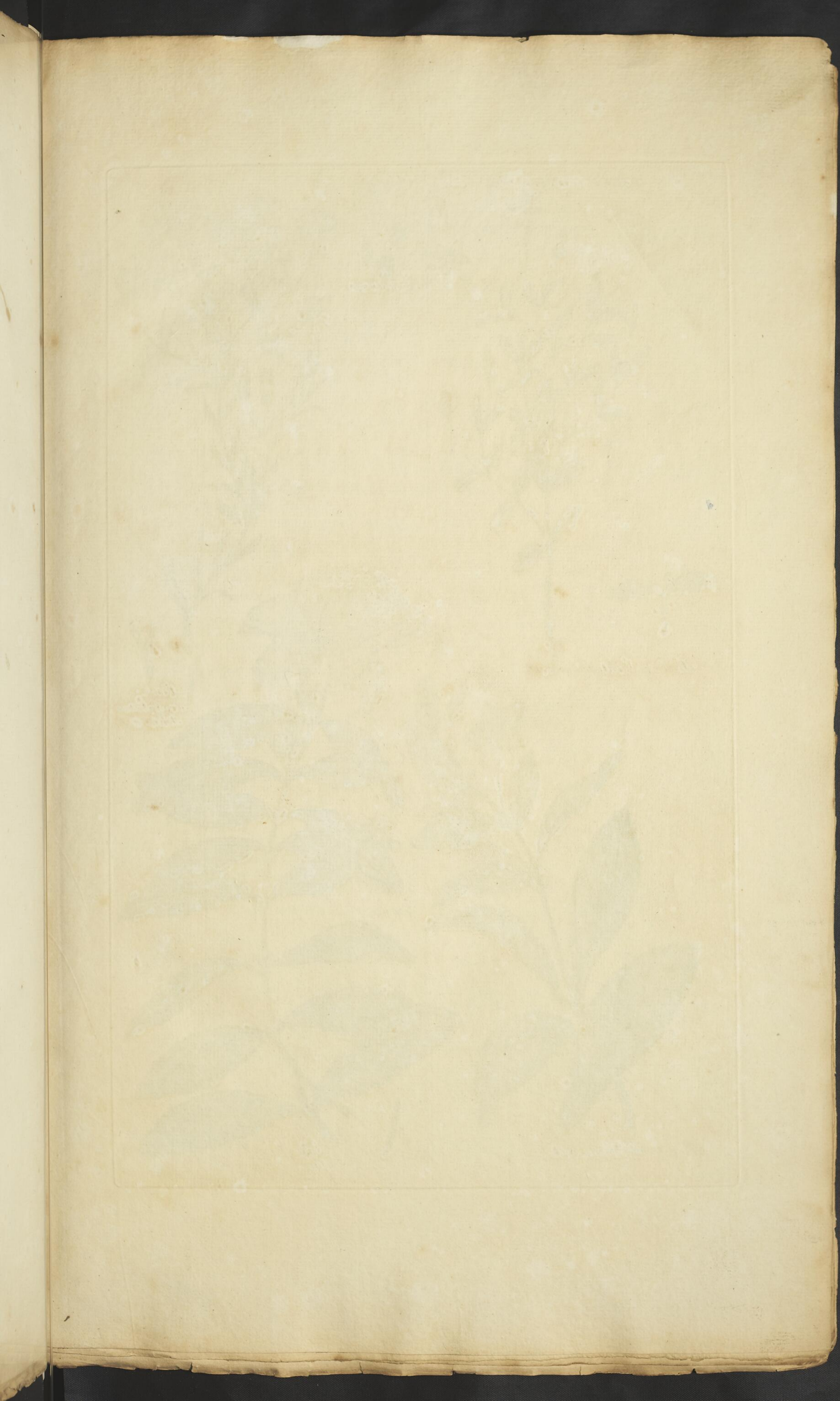
NEW YORK: G. P. PUTNAM'S SONS

112 NASSAU ST. N. Y.

1851

RES
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BUCHER
TAMM-2URCE



SAIN'T JOHNS' WORT.



Scarry Saint Johns wort.

Linear wood Saint Johns wort.



Bay Saint Johns wort

Yast flower'd Saint Johns wort.

H E R B S.

CLASS THE TWELFTH.

TRIBE the SECOND.

ORDER the FIRST.

ARRANGEMENT the FOURTH.

Having five-leav'd Flowers with single Seed-vessels, and the Cup of five Leaves.

GENUS XVII.

SAINT JOHN'S WORT.

Plate 1.

Character of the Genus.

The CUP is permanent; its Leaves are oval and hollowed.

The FLOWER spreads open; its Petals are oblong and obtuse.

The CAPSULE is egg-shaped*.

Plate 1. a b c d.

^a With Seed-vessels of five cells.

1. SCARRY SAINT JOHN'S WORT.

Plate 1. Fig. 1.

Hypericum Baleaicum.

Character of the Species.

The Stem is woody; the Leaves are rugged; and the Bark cracked.

Fig. 1. a b.

THIS is a Perennial, native of Majorca, a woody Plant of a yard high, flowering in June. The Stem is brown; the young Shoots and the Leaves are of a pale dead green; the Flowers are smaller than in most of this kind, and yellow.

2. LINEAR WOODY SAINT JOHN'S WORT.

Plate 1. Fig. 2.

Hypericum Kalmianum.

Character of the Species.

The Stem is woody and plain; the Leaves are linear and sharp.

Fig. 2. a b.

THIS is a Perennial, native of Virginia, a branchy Plant of two feet and a half high, flowering in August. The Stem is of a pale greyish brown; the Leaves are of a light pleasant green; the Flowers are yellow.

3. BAY SAINT JOHN'S WORT.

Plate 1. Fig. 3.

Hypericum Lasianthus.

Character of the Species.

The Leaves are broad, lanced, and nicely ferrated.

Fig. 3. a b.

THIS is a very beautiful woody Plant of a yard high, a Perennial, native of Carolina; it grows to three feet high, and flowers in July. The Stem is tinged with brown; the Leaves are of a strong, but not deep green; the Flowers are yellow.

4. VAST-FLOWERED SAINT JOHN'S WORT.

Plate 1. Fig. 4.

Hypericum Afcyron.

Character of the Species.

The Stalk is square, and has no branches; the Leaves are undivided.

Fig. 4. a b c.

THIS is a Perennial, native of the Pyrenees, and of Canada; a low but woody Plant, scarce a foot high, and leans; it flowers in August. The Stalk is ruddy; the Leaves are of a strong green; the vast Flowers are of a fine yellow.

^b With Seed-vessels of three cells.

* It has in some Species five Cells, as Plate 1; in others only three, as at the repeated generic character in Plate 2; and in some only two, or but one, see Plate 8 and 16.

5. TUTSAN SAINT JOHN'S WORT.

Plate 2. Fig. 1.

Character of the Species.

Hypericum Androsæmum,

The Stalk is two-edged, and the Capfule is juicy as a berry. Fig. 1. *ab*.

THIS is a Perennial, native of our damp woods and hedges; a handsome Plant of two feet high, flowering in August. The Stalk is of a ruddy brown; the Leaves are of a deep strong green; the Flowers are of a gold yellow; and the Fruit black.

6. OLYMPIC SAINT JOHN'S WORT.

Plate 2. Fig. 2.

Character of the Species.

Hypericum Olympicum,

The Stem is woody; the Leaves of the Cup are sharp; the Filaments are shorter than the Flower. Fig. 2. *abc*.

THIS is a Perennial, native of the East, and of the Pyrenees; a woody Plant of a foot and half high, flowering in July. The Stalk is of a coarse brown; the Leaves are of a strong green; the Flowers are yellow.

7. FLAT SAINT JOHN'S WORT.

Plate 2. Fig. 3.

Character of the Species.

Hypericum Petiolatum,

The Stalk is woody, square, and flat; the Leaves are broad, lanced, undivided, and downy underneath; and have short Footstalks. Fig. 3. *abc*.

THIS is a Perennial; a woody Plant, native of the Brasils; it grows to two feet high, and flowers in July. The Stalk is tinged with brown; the Leaves are of a gaudy green; the Flowers are very beautiful, large, expanded, and of a fine yellow.

8. CANARY

SAINTE JOHNS WORT.

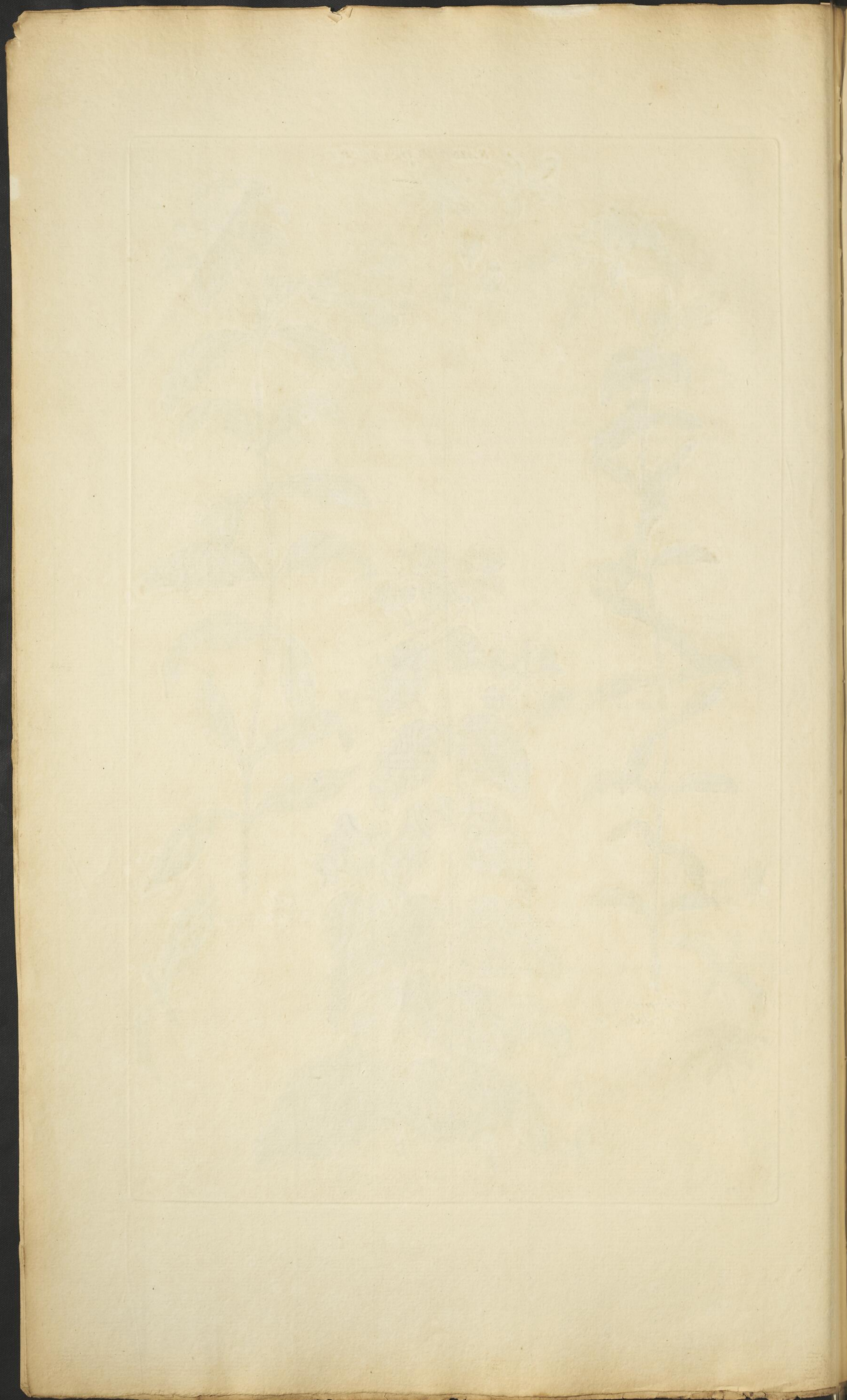
Pl. 2

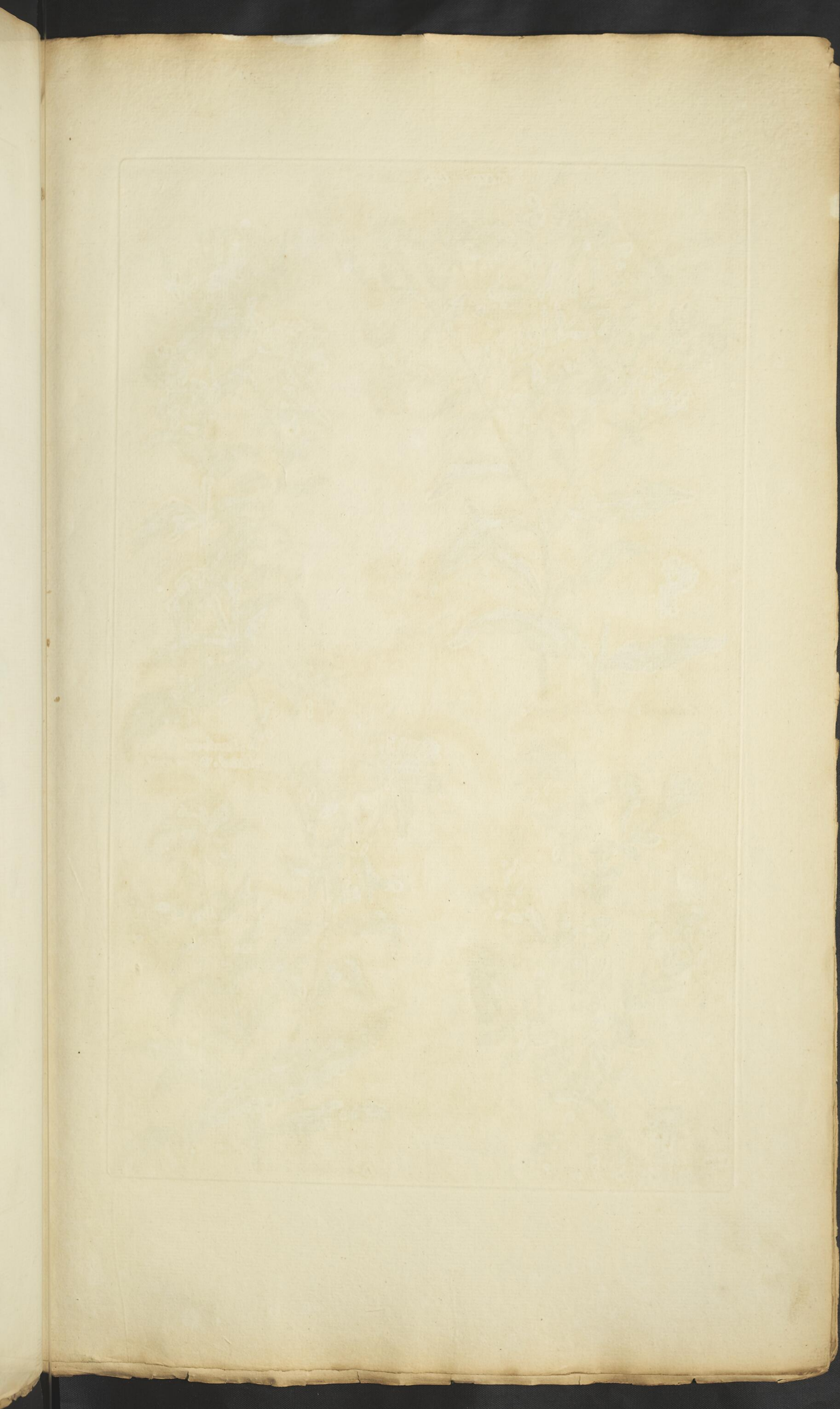


Olympic Saint Johns wort

Flat Saint Johns wort.

Tutsan Saint Johns wort







Canary Saint Johns wort.



Stinking Saint Johns wort.



Vol. 15.

Egyptian Saint Johns wort



Filmy Saint Johns wort

8. CANARY SAINT JOHN'S WORT.

Plate 3. Fig. 1.

Character of the Species.

Hypericum Canariense.

The Stem is woody and rough; the Leaves of the Cup are obtuse; the Filaments are longer than the Flower.

Fig. 1. *abc.*

THIS is a Perennial, a woody Plant, native of the Canaries; it grows to four feet high, branchy, and spreading, and covered with Flowers. The Stalk is brown; the young Shoots and Leaves are of a faint and somewhat greyish green; the Flowers are yellow.

9. STINKING SAINT JOHN'S WORT.

Plate 3. Fig. 2.

Character of the Species.

Hypericum Hircinum.

The Stalk is two-edged and woody; the Leaves are broad, lanced, without footstalks; the Filaments are much longer than the Flower.

Fig. 2. *abc.*

THIS is a Perennial, native of Crete and Sicily; a woody branching Plant, that grows to four feet high, and flowers in July. The Leaves and young Shoots are of a faded green; the Flowers are yellow.

10. ÆGYPTIAN SAINT JOHN'S WORT.

Plate 3. Fig. 3.

Character of the Species.

Hypericum Ægypticum.

The Stem is woody and flat; the Petals have each a furrow at the base.

Fig. 3. *abc.*

THIS is a Perennial, native of the barren sands of Ægypt; a woody Plant, though not more than six inches high; it flowers in August. The Stem is brown; the Shoots and Leaves are of a faint green; the Flowers are yellow.

11. FILMY SAINT JOHN'S WORT.

Plate 3. Fig. 4.

Character of the Species.

Hypericum Orientale.

Films turn down at the Joints of the Stalks; the Leaves are long and sawed.

Fig. 4. *ab.*

THIS is a Perennial, native of the Levant Islands; a wild spreading Plant of two feet high, flowering in June. The Stalk is grey; the Leaves are of a blueish green; the Films are brown; and the Flowers are yellow.

12. CREEPING SAINT JOHN'S WORT.

Plate 4. Fig. 1.

Character of the Species.

Hypericum Repens.

The Stalk leans upon the earth, and is round; the Leaves are linear and obtuse.

THIS is a Perennial, a petty Plant of scarce four inches long, native of the Greek Islands. It flowers in June. The Stalks are olive-coloured; the Leaves are of a faint yellowish green; the Flowers are yellow.

13. RUGGED SAINT JOHN'S WORT.

Plate 4. Fig. 2.

Character of the Species.

Hypericum Scabrum.

The Stalk is round, rugged, and prickly; the Leaves are oblong.

Fig. 2. a b.

THIS is a Perennial; an African Plant, very singular and very beautiful: it grows to two feet high, and flowers in July. The Stalk is crimson; the Leaves are of a bright and beautiful green; the Flowers are yellow.

14. HEATHY SAINT JOHN'S WORT.

Plate 4. Fig. 3.

Character of the Species.

Hypericum Ericoides.

The Leaves cover the Stalk like Scales.

Fig. 3. a b.

THIS is a Biennial, native of Spain and Portugal; a singular though very little Plant, flowering in August. The Stalk is covered with grey Leaves; the Flowers are yellow.

15. PERFOLIATE SAINT JOHN'S WORT.

Plate 4. Fig. 4.

Character of the Species.

Hypericum Virginicum.

The Cups are longer than the Flowers; the upper Leaves surround the Stalk.

Fig. 4. a b.

THIS is a Perennial, of North America, a Plant of a foot and half high, flowering in July. The Stalk is red; the Leaves are of a strong green; the Flowers are yellow.

16. RED-PODDED SAINT JOHN'S WORT.

Plate 4. Fig. 5.

Character of the Species.

Hypericum Canadense.

The Stalk is square; the Leaves are linear; the Pods are stained.

Fig. 5. a b c.

THIS is a Perennial, native of North America; a Plant of two feet high, flowering in July. The Stalk is pale green; the Leaves are of a fresher green; the Flowers are yellow; and the Capsules crimson.

17. PETER'S



Creeping Saint Johns wort.



Ragged Saint Johns wort.

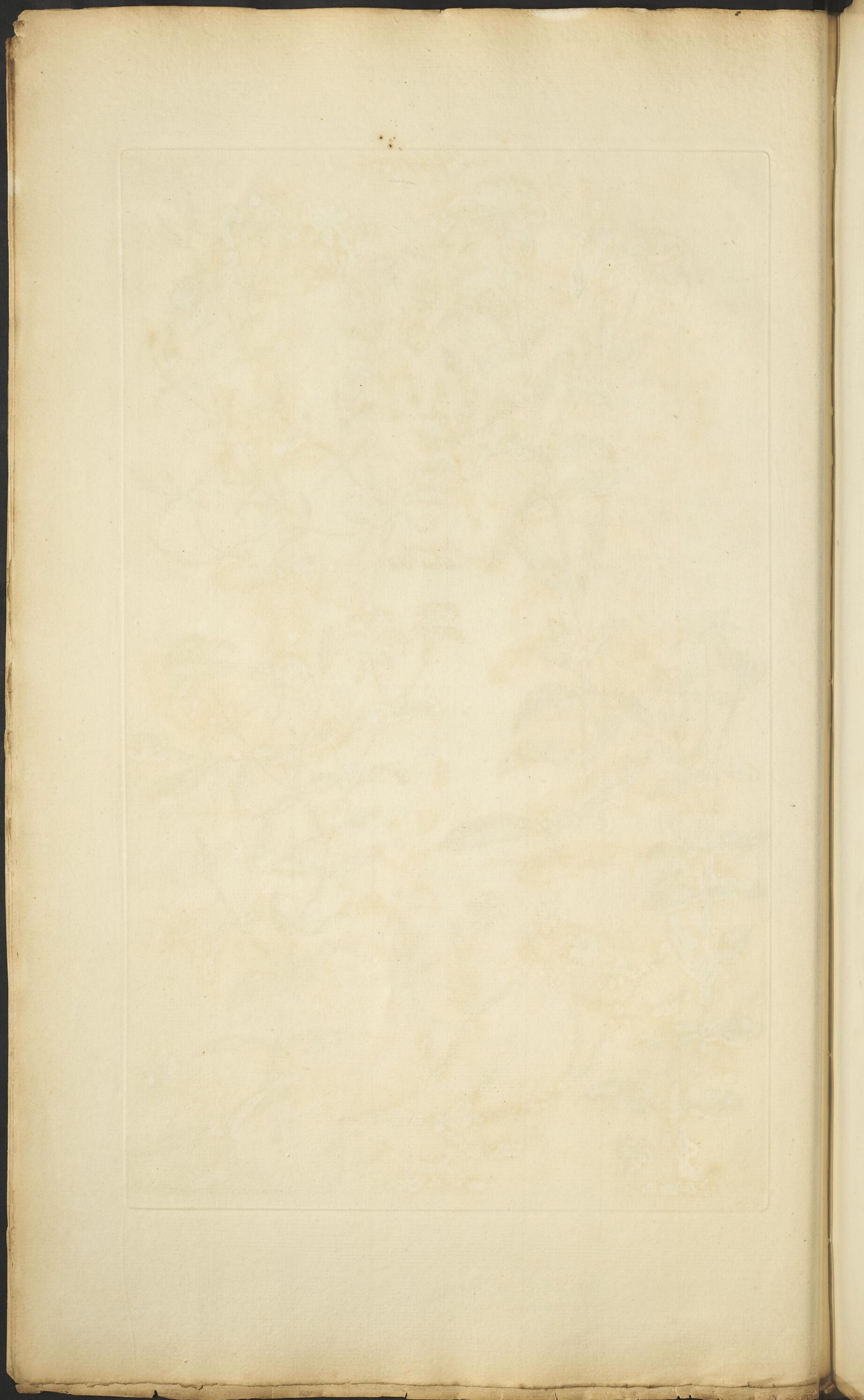


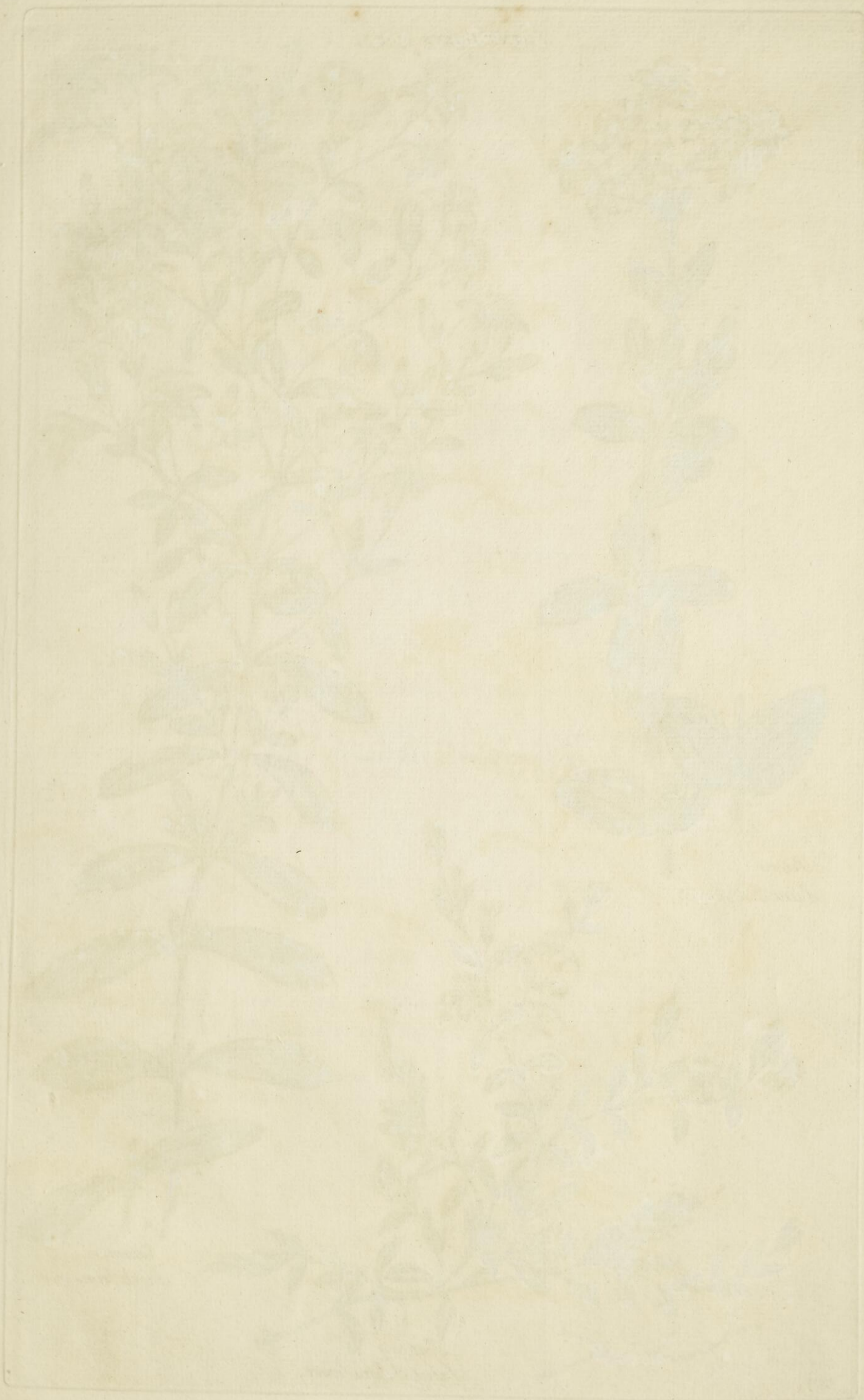
Red podded Saint Johns wort.



Heathy Saint Johns wort.

Perfoliate Saint Johns wort.





5



*Peters
Saint Johns wort.*



*Common
Saint Johns wort.*



*Scattery
Saint Johns wort.*

17. PETER'S SAINT JOHN'S WORT.

Plate 5. Fig. 1.

Character of the Species.

Hypericum Quadrangulum.

The Stalk is simple, and perfectly square; the Leaves are oval. Fig. 1. *a b*.

THIS is a Perennial, common in our wet grounds and by brook-sides; a pretty Plant of a foot high, flowering in July. The Stalk is brown; the Leaves are of a dull and dusky green; the Flowers are of a bright yellow.

18. COMMON SAINT JOHN'S WORT.

Plate 5. Fig. 2.

Character of the Species.

Hypericum Perforatum.

The Stalk is two-edged; the Leaves are obtuse, and perforated. Fig. 2. *a b*.

THIS is a Perennial, common in our dry Pastures; a gaudy Plant of a foot and half high, flowering in June. The Stalk is of a ruddy brown; the Leaves are of a yellowish green; the Flowers are yellow.

19. SCATTERY SAINT JOHN'S WORT.

Plate 5. Fig. 3.

Character of the Species.

Hypericum Humifusum.

The Stalk leans, and is two-edged; the Flowers rise singly from the bottoms of the Leaves; the Plant is smooth. Fig. 3. *a b c*.

THIS is a petty Plant, common on our barren heaths; it grows but to five inches high, and flowers in June. The Stalk is tinged with brown; the Leaves are of a faint green; the Flowers are yellow.

20. MOUNTAIN SAINT JOHN'S WORT.

Plate 6. Fig. 1.

Character of the Species.

Hypericum Montanum.

The Cups are ferrated, and have numerous glands; the Stalk is simple;
the Leaves are smooth. Fig. 1. *abc.*

THIS is a Perennial, native of our high woods, but not common; a very beautiful Plant, flowering in August; it grows to a foot high. The Stalk is brown; the Leaves are of a strong green; the Flowers are pale yellow; and the glands of the Cup are black.

21. HAIRY SAINT JOHN'S WORT.

Plate 6. Fig. 2.

Character of the Species.

Hypericum Hirsutum.

The Cups are ferrated, and glandular; the Leaves are hairy. Fig. 2. *ab.*

THIS also is a Plant of our own, frequent by road-sides in dry places, and not without its beauty; upright, unbranched, and two foot high. The Stalk is of a ruddy brown; the Leaves are of a faint, but not unpleasing green; the Flowers are yellow.

22. WOOLLY SAINT JOHN'S WORT.

Plate 6. Fig. 3.

Character of the Species.

Hypericum Tomentosum.

The Stalk leans; the Leaves half surround it; the Cups are ferrated and glandular. Fig. 3. *abc.*

THIS is a Plant of Spain, a Perennial, scarce six inches long, flowering in June. The Stalks are grey; the Leaves are of a blueish green; the Flowers are yellow; their position on long forked tops, and their gold yellow colour upon the pale ground of the plant, are singular and pretty.

23. WHITE

SAINTE JOHN'S WORT.
6.



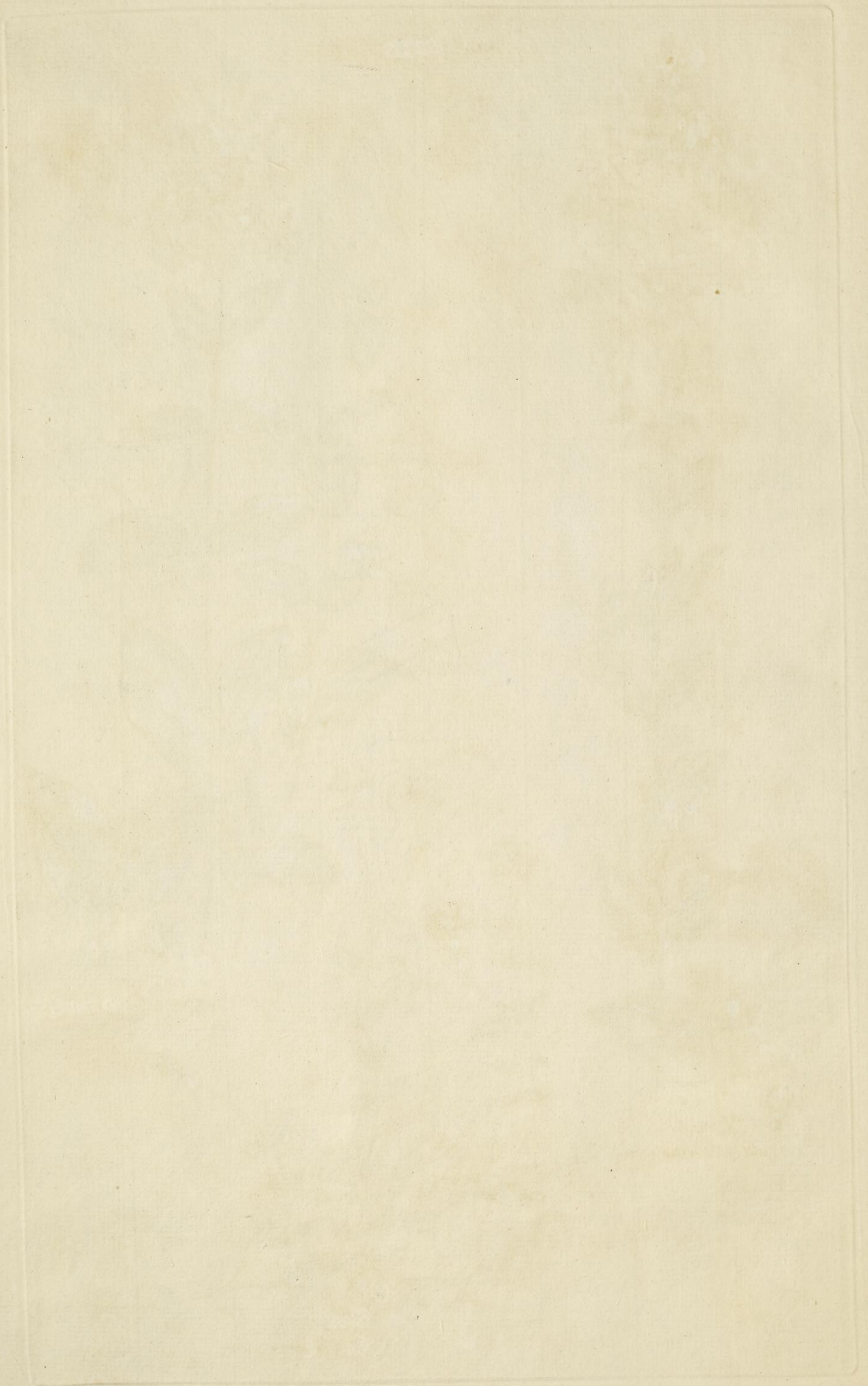
Hairy
Saint Johns wort.

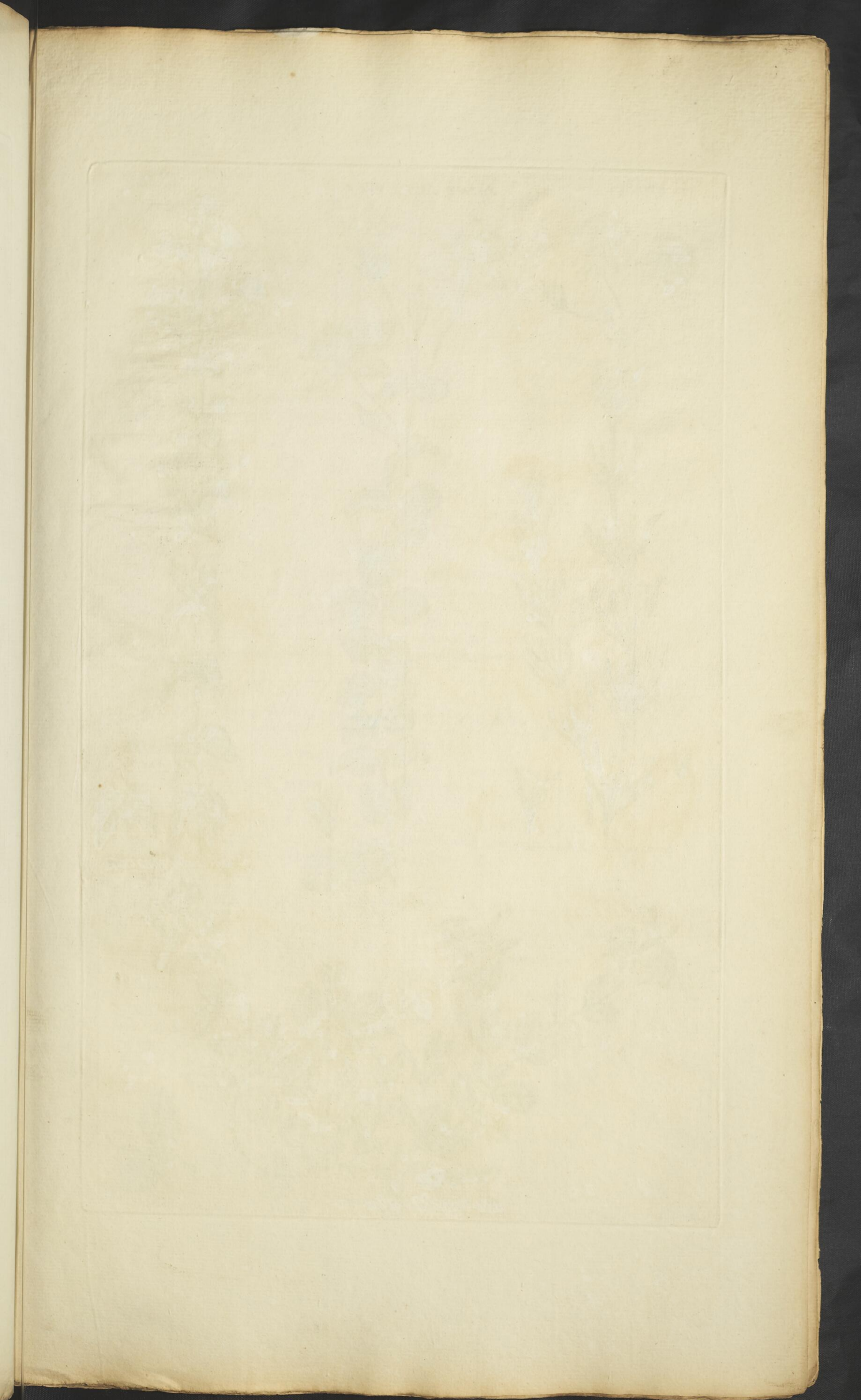


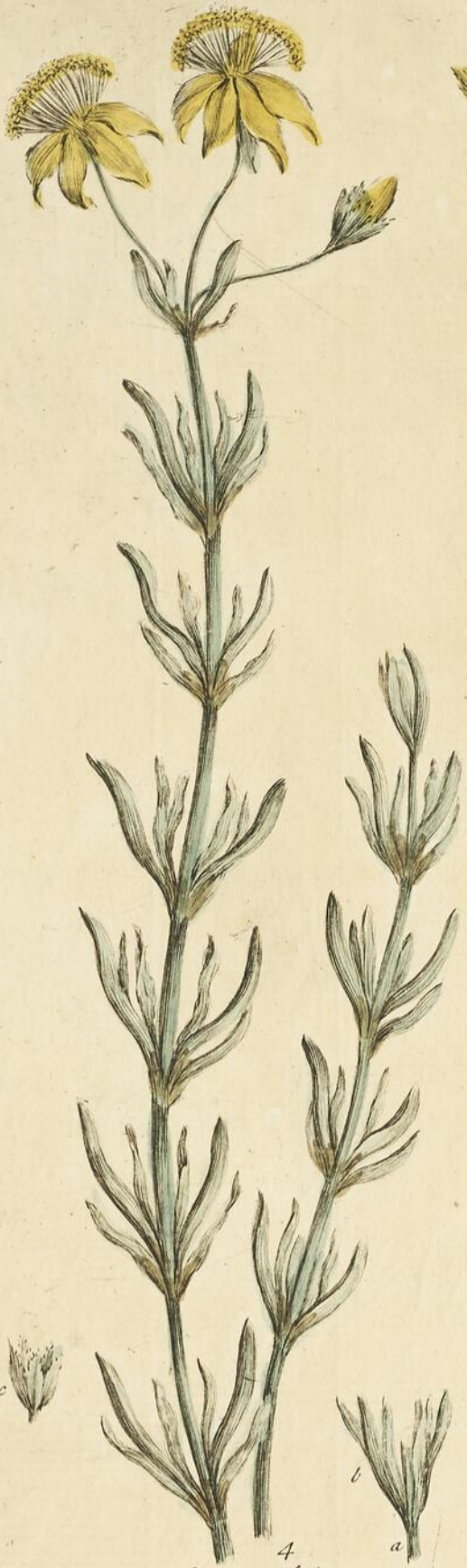
Mountain
Saint Johns wort.



Woolly
Saint Johns wort.







Corine Saint Johns wort



Penny Saint Johns wort.



Pretty Saint Johns wort.



White Bogg Saint Johns wort.

23. WHITE BOG SAINT JOHN'S WORT.

Plate 7. Fig. 1.

Character of the Species.

Hypericum Elodes.

The Stalk creeps; the Leaves are roundish and woolly.

Fig. 1. a b.

THIS is a Perennial, native of our Bogs; a Plant of eight inches; soft, white, and woolly; flowering in August. The Stalks are grey; the Leaves are nearly white; the Flowers are yellow.

24. PRETTY SAINT JOHN'S WORT.

Plate 7. Fig. 2.

Character of the Species.

Hypericum Pulchrum.

The Leaves are hearted, and embrace the Stalk; the Cups are ferrated and glandular; the Stalk is round, and perfectly upright.

Fig. 2. a b c.

THIS is a Perennial, common by our woods and road-sides; a Plant of a foot high, flowering in June. Tragus well named it Pulchrum; it is one of the prettiest plants in the world. The Stalk is ruddy; the Leaves are of a fine green; the Flowers are yellow.

25. PENNY SAINT JOHN'S WORT.

Plate 7. Fig. 3.

Character of the Species.

Hypericum Nummularium.

The Leaves are roundish, but hearted at the base; the Cups are ferrated.

Fig. 3. a b c.

THIS is a Perennial, native of the wet rocks on the Pyrenees; a beautiful Plant of a foot and half high, flowering in August. The Stalk is brown; the Leaves are of a very fine fresh green; the Flowers are large, and of a glowing yellow.

26. CORINE SAINT JOHN'S WORT.

Plate 7. Fig. 4.

Character of the Species.

Hypericum Coris.

The Leaves and Films surround the Stalk in whorles; the Cups are ferrated and glandular.

Fig. 4. a b c.

THIS is a Perennial, native of the south of Europe, and of the East; a Plant of a foot and half high, flowering in June. The Stalk is pale; the Leaves are pale green, and soon fade to a brown. The Films are brown; the Flowers are yellow. The aspect of the plant is perfectly singular.

^c *With only two cells in the Seed-vessel.*

27. OVAL SAINT JOHN'S WORT.

Plate 8. Fig. 1.

Character of the Species.

Hypericum Mutilus.

The Stalk is erect, with few branches; the Leaves are oval, and have no foot-stalks.

Fig. 1. *a b.*

THIS is a Perennial, native of North America, a very pretty Plant of a foot and half high, flowering in August. The Stalk is brown; the Leaves are of a very fine green; the Flowers pale yellow.

28. NARROW SAINT JOHN'S WORT.

Plate 8. Fig. 2.

Character of the Species.

Hypericum Setosum.

The Leaves are linear, with shoots in all their bosoms; the Stem is woody.

Fig. 2. *a b.*

THIS is an American, native of Virginia, Canada, and Pennsylvania; a very pretty little Plant of ten inches long, flowering in August. The Stem is brown; the shoots are of a grey green; the Leaves are of a dead green; the Flowers are yellow.

^d *With only one cell in the Seed-vessel.*

29. RED-CUP'D SAINT JOHN'S WORT.

Plate 8. Fig. 3.

Character of the Species.

Hypericum Monogynum.

The Stem is woody; the Leaves are oblong; the Filaments are longer than the Flower.

Fig. 3. *a b.*

THIS is a Perennial, native of China; a very beautiful Plant; it grows to two foot high, and flowers in July. The Stalk is of a ruddy brown; the Leaves are of a beautiful green; the Flowers are yellow, and their cups are tinged with crimson.

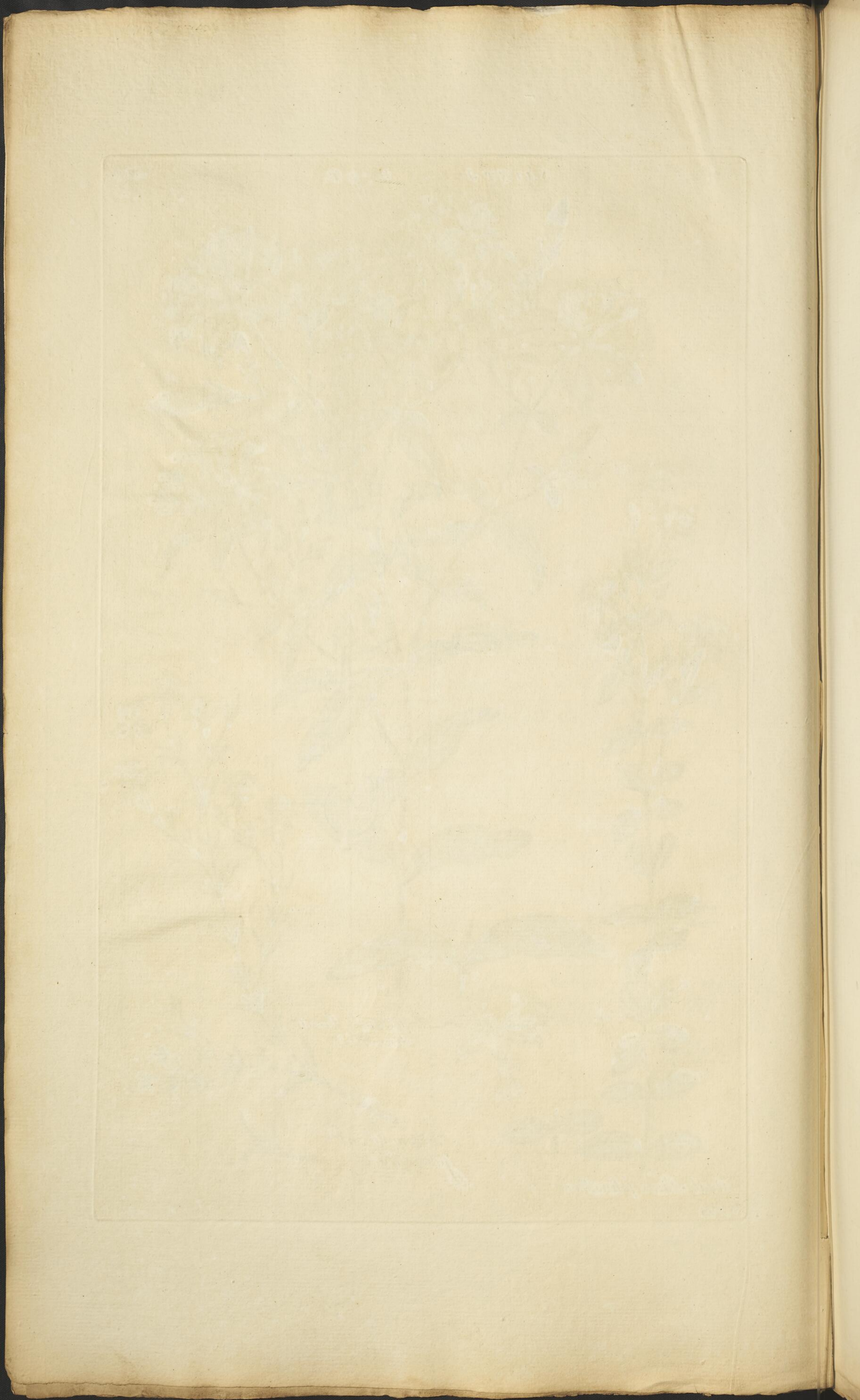
GENUS

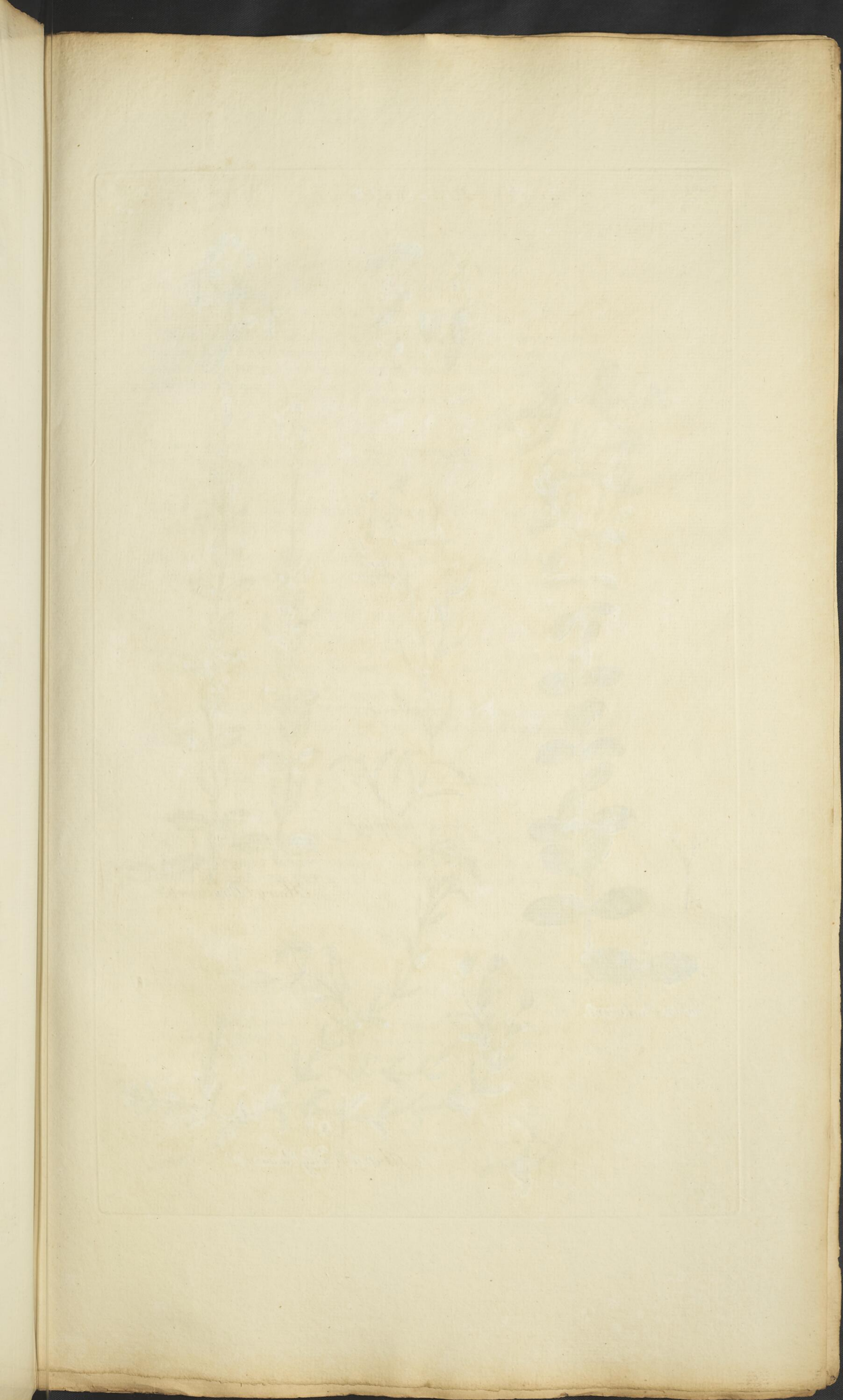


1
Oval Saint John's Wort
Vol 15

3
Red Cupid Saint
John's Wort

2
Narrow Saint
John's Wort







Generic Character.

WILLOW LEAF



Generic Character

Narrow Willow leaf



Hairy Paulswort.



Smooth Paulswort.



Alated Woolly Paulswort.

G E N U S XIX.
P A U L S W O R T.

Nature commands that we repeat here the Genus Paulswort; from among the Plants with four-petal'd flowers; where the strictness of our method compelled us also to place it: herself seems to have put it among them as if by mistake; the plants being very Saint John's Worts, wanting one leaf to the Cup, and one petal to the Flower.

Plate 9.

Character of the Genus.

The C U P is of four irregular Leaves, two very small and linear; two large and oval.

The F L O W E R is of four lanced petals, equal in size, and placed like a Saint Andrew's Cross.

The S E E D - V E S S E L is oblong, sharp-pointed; and enclosed in the two larger Leaves of the Cup.

Plate 9. *abcde.*

1. S M O O T H P A U L S W O R T.

Plate 9. Fig. 1.

Character of the Species,

Ascyrum Crux Andree.

The Stalk is round, and forked at the top; the Leaves are oval, and smooth.

Fig. 1. *ab.*

THIS is a Biennial; a common Plant in the waste grounds in Virginia; erect; and a foot high: it flowers in July. The Stalk is red; the Leaves are of a dull coarse green; the Flowers are yellow.

2. H A I R Y P A U L S W O R T.

Plate 9. Fig. 2.

Character of the Species.

Ascyrum Villosum.

The Leaves are hairy and lanced; the Stalk is simple and slender.

Fig. 2. *ab.*

THIS is a Perennial, native of Virginia; a very pretty Plant of fifteen inches high, flowering in August. The Stalk is red; the Leaves are white, and very hairy; the Flowers are yellow.

3. A L A T E D W O O L L Y P A U L S W O R T.

Plate 9. Fig. 3.

Character of the Species.

Ascyrum Hypericoides.

The Stalks are edged on two sides, with films; the Leaves are oblong.

Fig. 3. *ab.*

THIS is an Annual, native of Jamaica; a very singular Plant of a foot long, but weak and leaning. It flowers in June. The Stalk is ruddy, but its films are pale; the Leaves are of a dull dead green; the Flowers are yellow.

G E N U S XVIII.

D U K E W E E D.

Plate 10.

Character of the Genus.

The C U P has its five leaves narrowed, and sharp-pointed.

The F L O W E R spreads; its petals join at the base, and terminate in long threads.

The C A P S U L E is roundish, with five ridges and five cells, with one seed in each.

Plate 10. *abcd.*

1. LITTLE DUKEWEED.

Plate 10. Fig. 1.

Character of the Species.

The Leaves are heart-shaped, and smooth.

*Ayenia Puffill.*Fig. 1. *ab.*

THIS is an Annual, native of Peru; a most singular little Plant. It grows to six inches high, and flowers in June. The Stalk is hard, and of a pale green; the Leaves are of a faint green; the Flowers are of a dull crimson.

2. DOWNY DUKEWEED.

Plate 10. Fig. 2.

Character of the Species.

The Leaves are elliptic and downy.

*Ayenia Tomentosa.*Fig. 2. *ab.*

THIS is an Annual, native of Asia; a Plant of a foot high, flowering in August. The Stalk is of a faint green; the Leaves are of a pale whitish green, and downy; the Flowers are of a greenish white, more or less tinged with crimson.

3. TALL DUKEWEED.

Plate 10. Fig. 3.

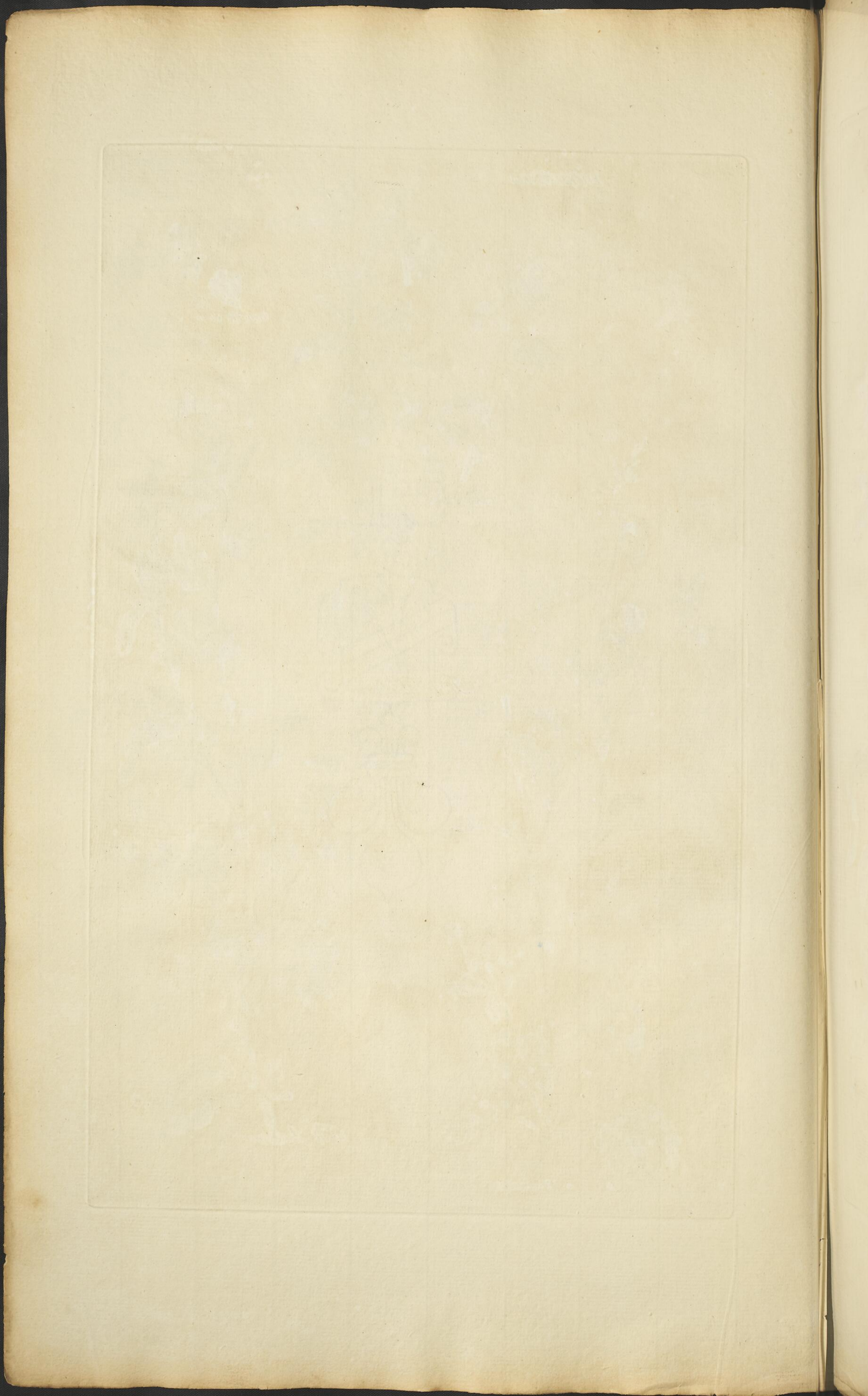
Character of the Species.

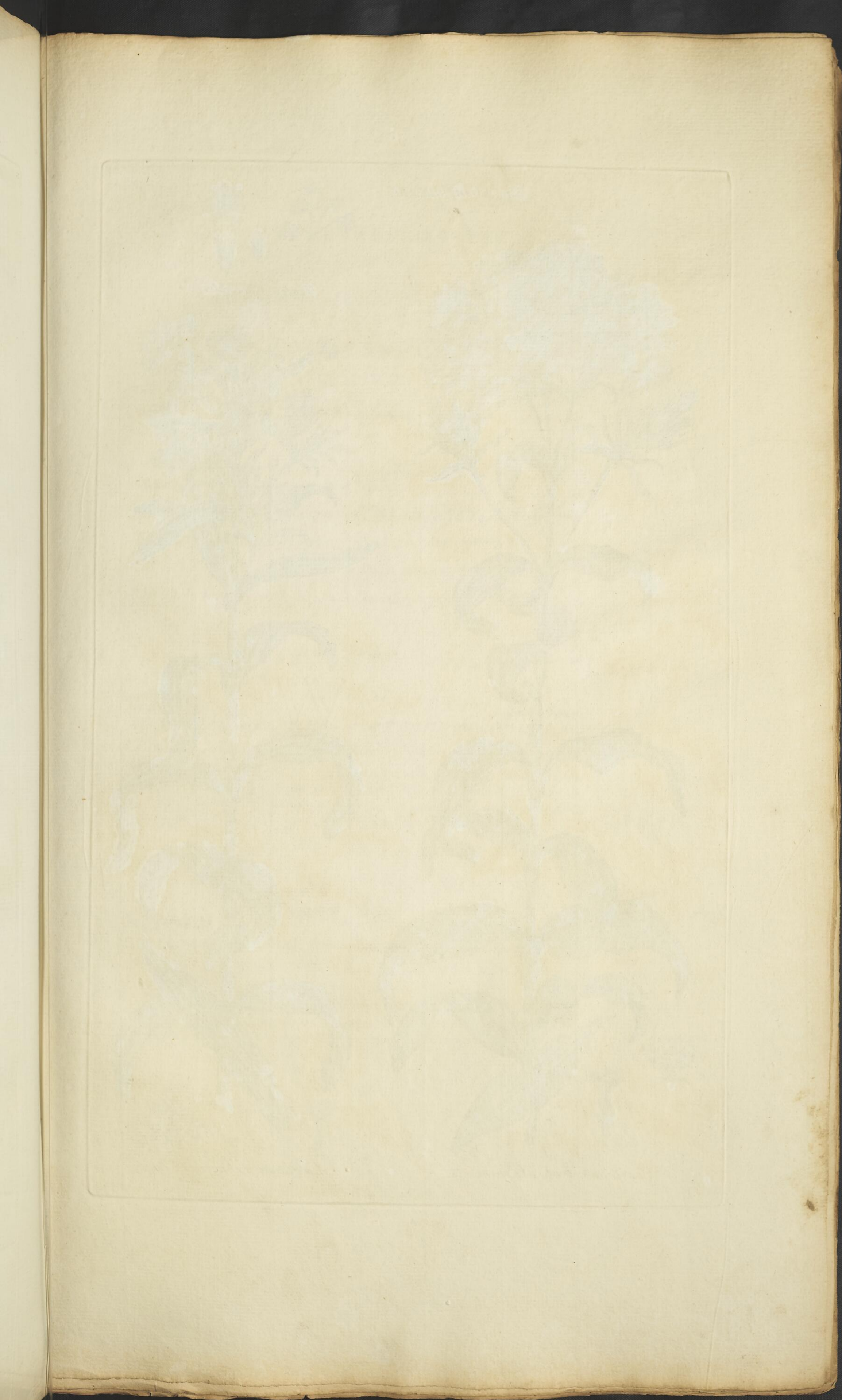
The Leaves are heart-shaped, and downy.

*Ayenia Magna.*Fig. 3. *ab.*

THIS is a Perennial, native of Asia; a Plant of two foot high, flowering in July. The Stalk is brown; the Leaves are of a light green; the Flowers are crimson.









Generic Character



Common Sweet William



Carthusian Sweet William

THE VEGETABLE SYSTEM. 11

ARRANGEMENT the FIFTH.

Having a double Cup.

GENUS I.

SWEET WILLIAM.

Plate 11.

Character of the Genus.

The FLOWERS grow in clustery heads.

The OUTER CUP is composed of four oblong Scales, in two ranges.

The INNER CUP is cylindric, striated, and dented in five at the top.

The FLOWER spreads open; the Petals are dented at the ends.

The CAPSULE is cylindric, and has only one cell.

Plate 11. *abcd.*

1. COMMON SWEET WILLIAM.

Plate 11. Fig 1.

Character of the Species.

Dianthus Barbatus.

The Leaves are lanced; the scales of the Outer Cup are awl-pointed, and as long as the Inner Cup.

THIS is a Perennial, native of Asia; a very beautiful Plant in its own nature, and rendered yet more beautiful by our garden culture. It grows to a foot high, and flowers in June. The Stalk is of a deep green; the Leaves are of a strong shining green; the Flowers are crimson, deeper or paler, and variegated a thousand ways; or white.

2. CARTHUSIAN SWEET WILLIAM.

Plate 11. Fig. 2.

Character of the Species.

Dianthus Carthusianorum.

The Leaves are linear, with three ribs; the scales of the Outer Cup are oval, with bearded points, and nearly equal to the Inner Cup.

Fig. 2. *abc.*

THIS is a Perennial, native of Italy; a very beautiful Plant of a foot high, flowering in June. The Stalk is pale green; the Leaves are of a fresh and fine green; the Flowers are naturally of a pale crimson, and have from culture all the variety of the other.

3. DENTED

3. DENTED SWEET WILLIAM.

Plate 12. Fig. 1.

Character of the Species.

Dianthus Armeria.

The Scales of the Outer Cup are lanced, hairy, and as long as the Inner ;
the Petals are dented.

Fig 1. *abc*.

THIS is an Annual, native of Italy and Germany, and of some parts of England, where it is known by the name of the Deptford Pink ; it grows to ten inches high, and flowers in July. The Stalk is pale ; the Leaves are of a strong green ; the Flowers are crimson.

4. PROLIFEROUS SWEET WILLIAM.

Plate 12. Fig. 2.

Character of the Species.

Dianthus Prolifer.

The scales of the Outer Cup are oval and obtuse, and longer than the Inner.

Fig. 2. *abc*.

THIS is an Annual, native of our high grounds ; a Plant of eight inches high, flowering in July. The Stalk is of a glossy, but dull green ; the Leaves are of a coarse green ; the Flowers are crimson.

5. SMALL SWEET WILLIAM.

Plate 12. Fig. 3.

Character of the Species.

Dianthus Diminutus.

The scales of the Inner Cup are longer than the Flower.

Fig. 3. *ab*.

THIS is an Annual, native of Germany ; a pretty little Plant of three inches high, flowering in August. The Stalk is brown ; the Leaves are of a dull green ; the Flowers are crimson.

GENUS

Pl. 12

SWEET WILLIAM

Pl. 12



1
Dented Sweet William

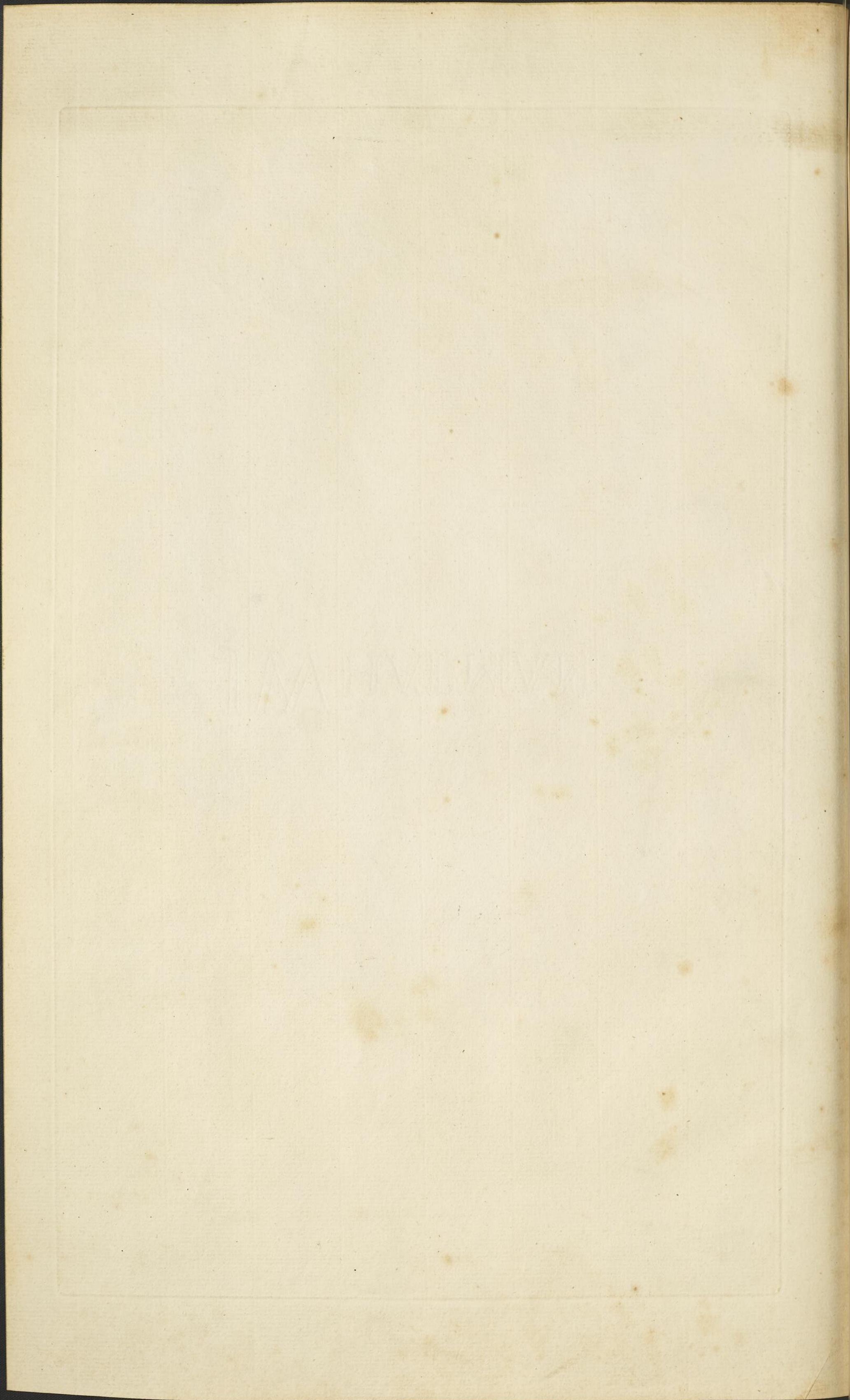


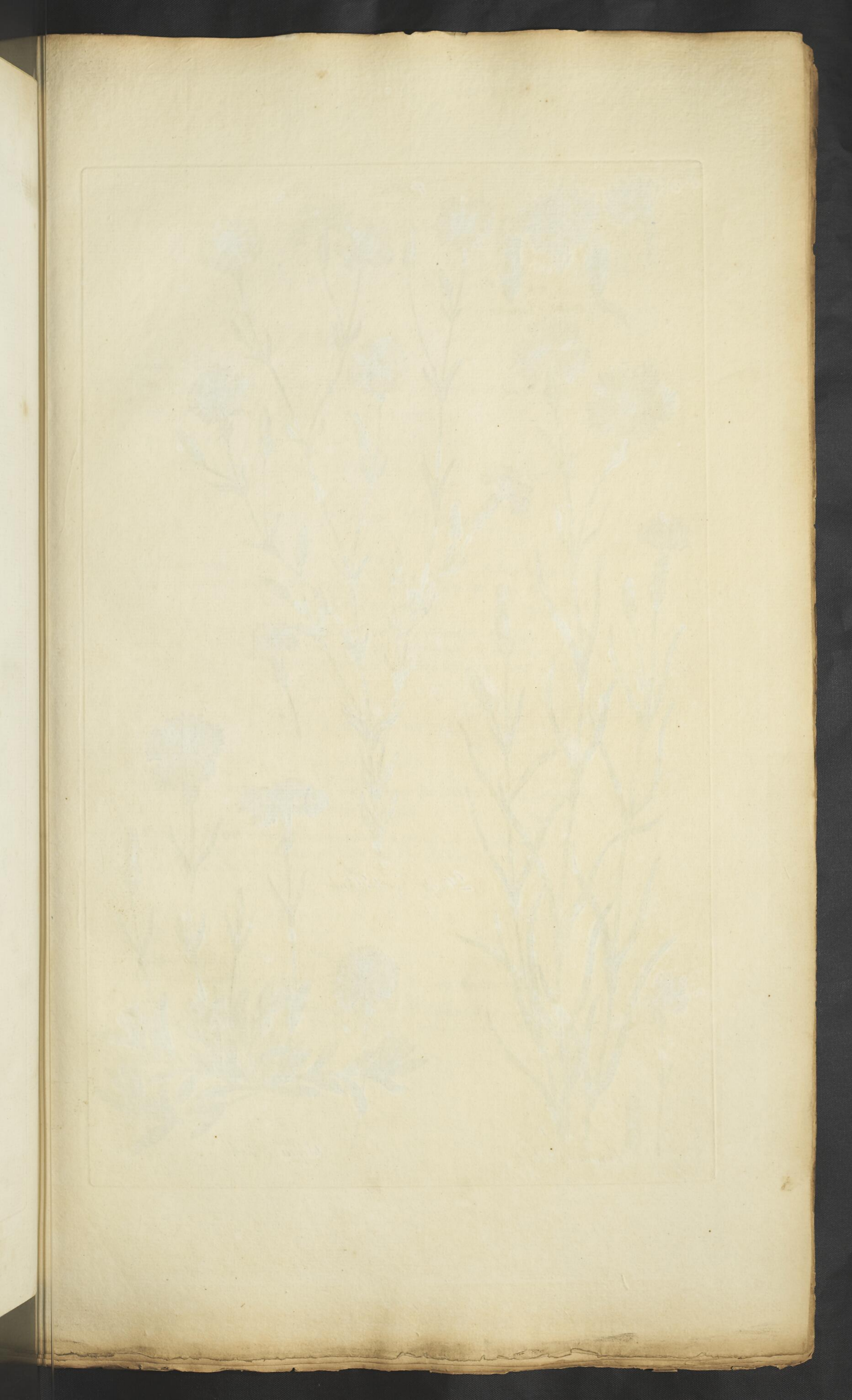
2
Proliferous Sweet William



3
Small Sweet William

Vol 15







Generic Character

2
Deep Eyed Pink

1
Common Pink

3
Bifid Pink

G E N U S II.

P I N K.

Plate 13.

Character of the Genus.

The O U T E R C U P is formed of four oval short scales, in two ranges.

The I N N E R C U P is cylindric, with five dents.

The F L O W E R spreads open, and its Petals are dented.

The C A P S U L E is oblong, with one cell.

Plate 13. *abcde.*

1. C O M M O N P I N K.

Plate 13. Fig. 1.

Character of the Species.

Dianthus Caryophyllus.

The Leaves are grassy; the scales of the Outer Cup are oval, and very short; the Petals are ferrated.

Fig. 1. *ab.*

THIS is a Perennial, native of Italy and Swifferland; a Plant of a foot high, flowering in June. The Stalk is pale; the Leaves are of a blue green; the Flowers are rose-coloured. This is the Pink which culture has raised into the various kinds of Carnations.

2. D E E P - E Y ' D P I N K.

Plate 13. Fig. 2.

Character of the Species.

Dianthus Glaucus.

The Leaves are oval and pointed; the scales of the Lower Cup are lanced; the Flower is jagged.

Fig. 2. *ab.*

THIS is a Perennial, native of our high and rocky grounds; it grows to a foot high, and flowers in July. The Stalk is greyish; the Leaves are of a blueish green; the Flowers are of a pale crimson, with a deep red eye.

3. B I F I D P I N K.

Plate 13. Fig. 3.

Character of the Species.

Dianthus Deltoides.

The Stalk supports one Flower; the scales of the Cup are lanced.

Fig. 3. *ab.*

THIS is a Perennial, native of our hilly grounds with a stony soil; it grows to four inches high, and flowers in July. The Leaves are of a deep green; the Stalk is paler; the Flowers are of a fine crimson.

4. CHINA PINK.

Plate 14. Fig. 1.

Character of the Species.

Dianthus Chinenfis.

The scales of the Lower Cup are as long as the Inner, and they spread out.

Fig. 1. *ab*.

THIS is an Annual, native of China; a very beautiful Plant of a foot high, and flowers in July. The Stalk is of a light green; the Leaves are of a fuller green; the Flowers are of a very rich and deep crimson, edged with white, and white behind.

5. MULTIFID PINK.

Plate 14. Fig. 2.

Character of the Species.

Dianthus Monspellanus.

The scales of the Outer Cup are awl-shaped, and as long as the tube; the Petals are deep jagged.

Fig. 2. *ab*.

THIS is a Perennial, native of France and Italy; a very beautiful Plant of a foot high, flowering in July. The Stalk is pale; the Leaves are of a dull green; the Flowers are red.

6. SUPERB PINK.

Plate 14. Fig. 3.

Character of the Species.

Dianthus Superbus.

The scales of the Outer Cup are short and sharp; the Petals are cut to shreds.

Fig. 3. *ab*.

THIS is a Biennial, native of France and Germany; a Plant of fifteen inches high, flowering in July. The Stalk is greyish; the Leaves are of a faint blueish green; the Flowers are crimson.

7. FEATHER PINK.

Plate 14. Fig. 4.

Character of the Species.

Dianthus Plumarius.

The scales of the Outer Cup are oval, and very short; the Flower is jagged, and hoary in the center.

Fig. 4. *abc*.

THIS is a Biennial, native of France and of North America; a Plant of a foot high, flowering in August. The Stalk is pale; the Leaves are of a blueish green; the Flowers are crimson.

8. MAIDEN



1
China Pink



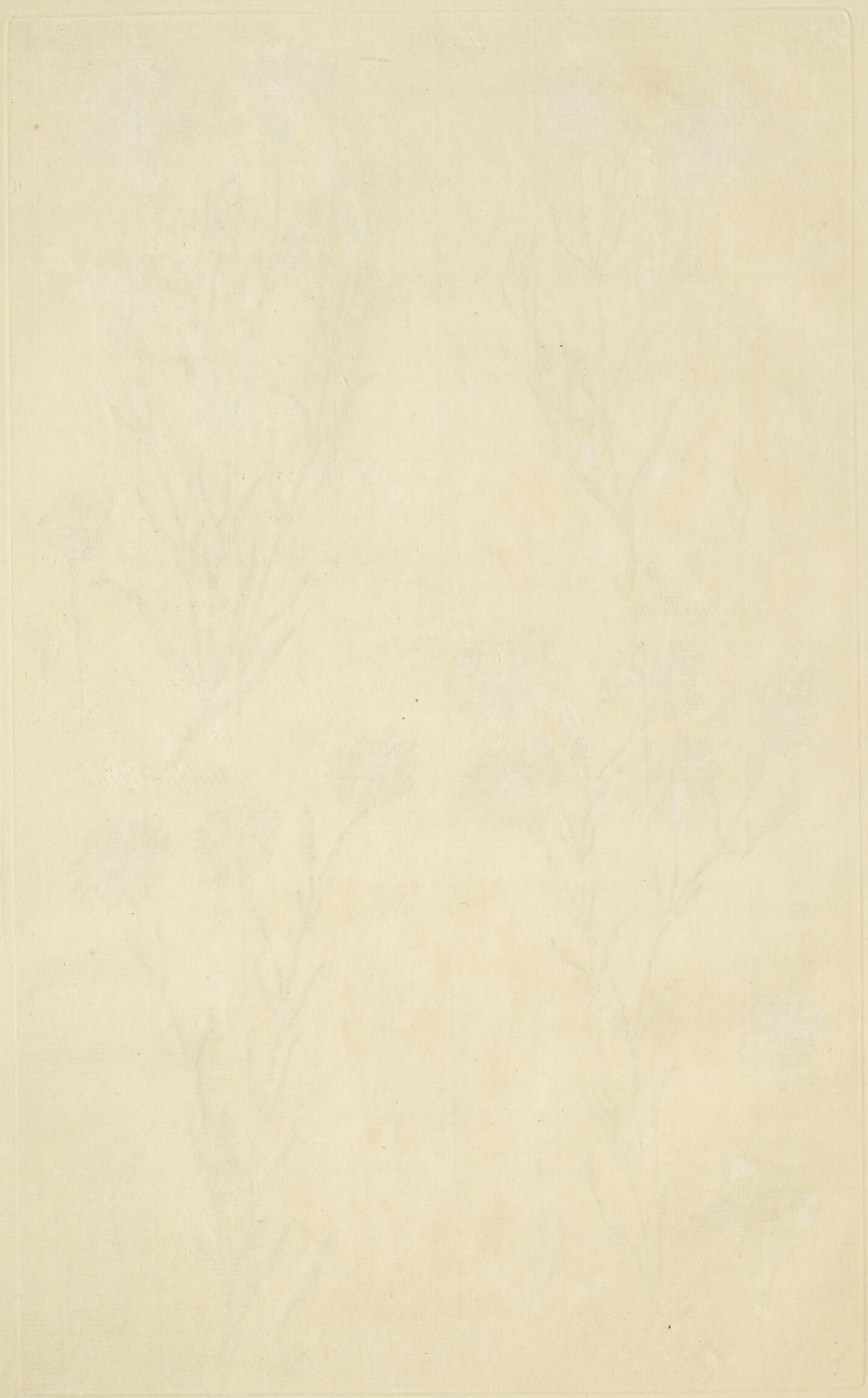
2
Multifid Pink

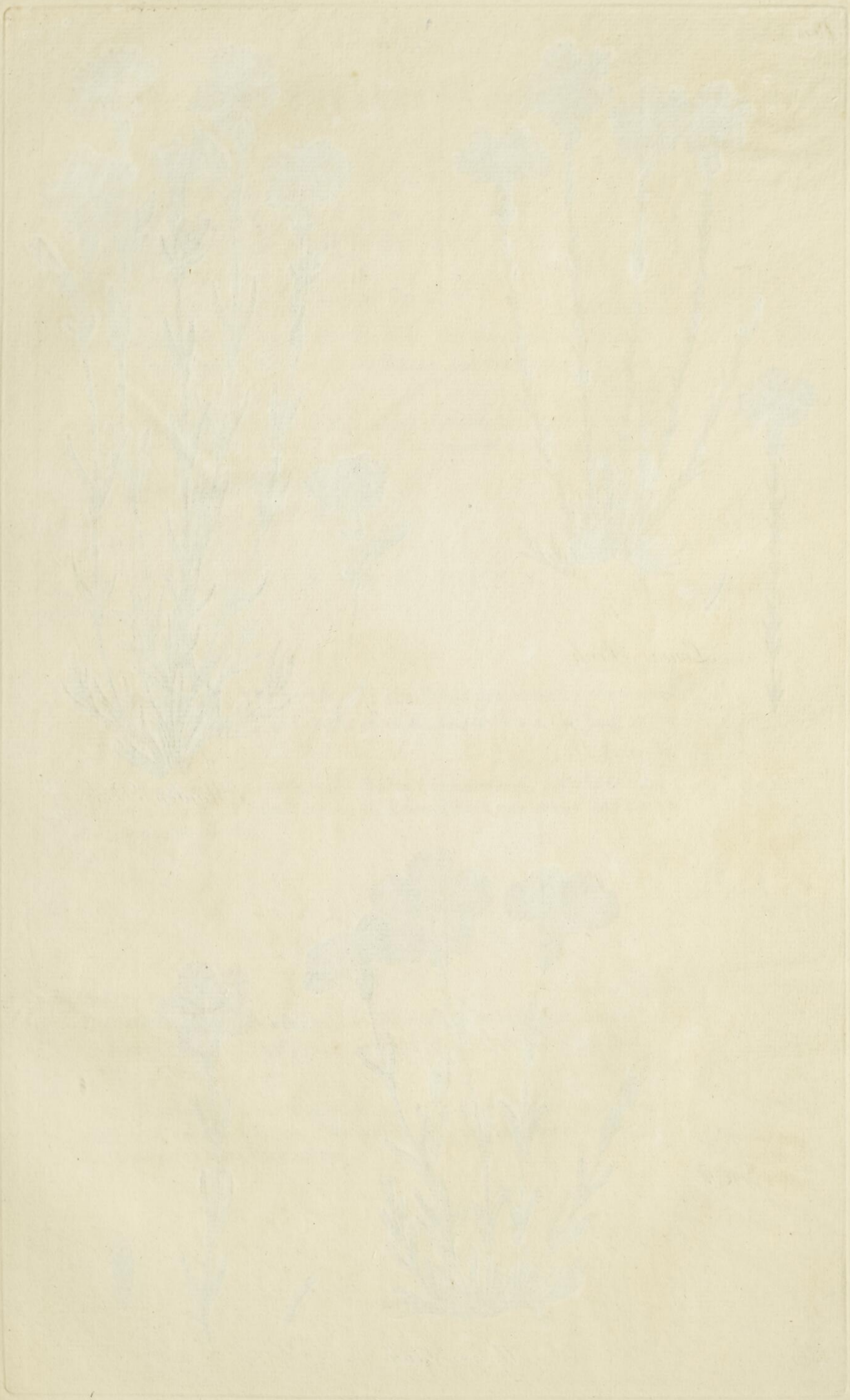


3
Superb Pink



4
Feather Pink







1
Linear Pink



2
Maiden Pink



3
Alpine Pink

8. MAIDEN PINK.

Plate 15. Fig. 1.

Character of the Species.

Dianthus Arenarius.

The Stalk supports but one or two Flowers; the Scales of the Outer Cup are oval and obtuse; the Leaves are linear; and the Flower is jagged.

Fig. 1. *abc.*

THIS is a Perennial, native of our high and rocky grounds in the West of England; a Plant of six inches high, flowering in July. The Stalk is of a pale grey; the Leaves are blueish green; the Flowers are crimson.

9. LINEAR PINK.

Plate 15. Fig. 2.

Character of the Species.

Dianthus Alpinus.

The Stalk supports only one Flower; the Petals are dented; the Leaves are linear and short; and the scales of the Outer Cup are as long as the Tube.

Fig. 2. *abc.*

THIS is a Perennial, a very beautiful Plant of four inches high, native of Germany; it flowers in August. The Stalk is pale; the Leaves are of a good green; the Flower is of a deep purplish crimson.

10. ALPINE PINK.

Plate 15. Fig. 3.

Character of the Species.

Dianthus Virgineus.

The Stalk supports but one, or two Flowers; the Petals are dented; the Leaves are awl-shaped; and the scales of the Outer Cup are short.

Fig. 3. *abcd.*

THIS is a Perennial, native of the Alps, and of some parts of France; it grows to five inches high, and flowers in July. The Stalk is pale; the Leaves are of a blue green; the Flower is of a delicate pale crimson.

11. JUNIPER-

11. JUNIPER-LEAV'D PINK.

Plate 16. Fig. 1.

Character of the Species.

Dianthus Arboreus.

The Leaves are awl-shaped, and the Stalk is woody.

Fig. 1. *a b.*

THIS is a Perennial, woody Plant, native of the Greek Islands; it grows to two foot and a half high, and flowers in June. The Stem is of a pale brown; the Leaves are of a faint green; the Flowers are crimson.

12. BROAD-LEAV'D SHRUB PINK.

Plate 16. Fig. 2.

Character of the Species.

Dianthus Fruticosus.

The Leaves are lanced, and obtuse; the Stem is woody.

Fig. 2. *a b.*

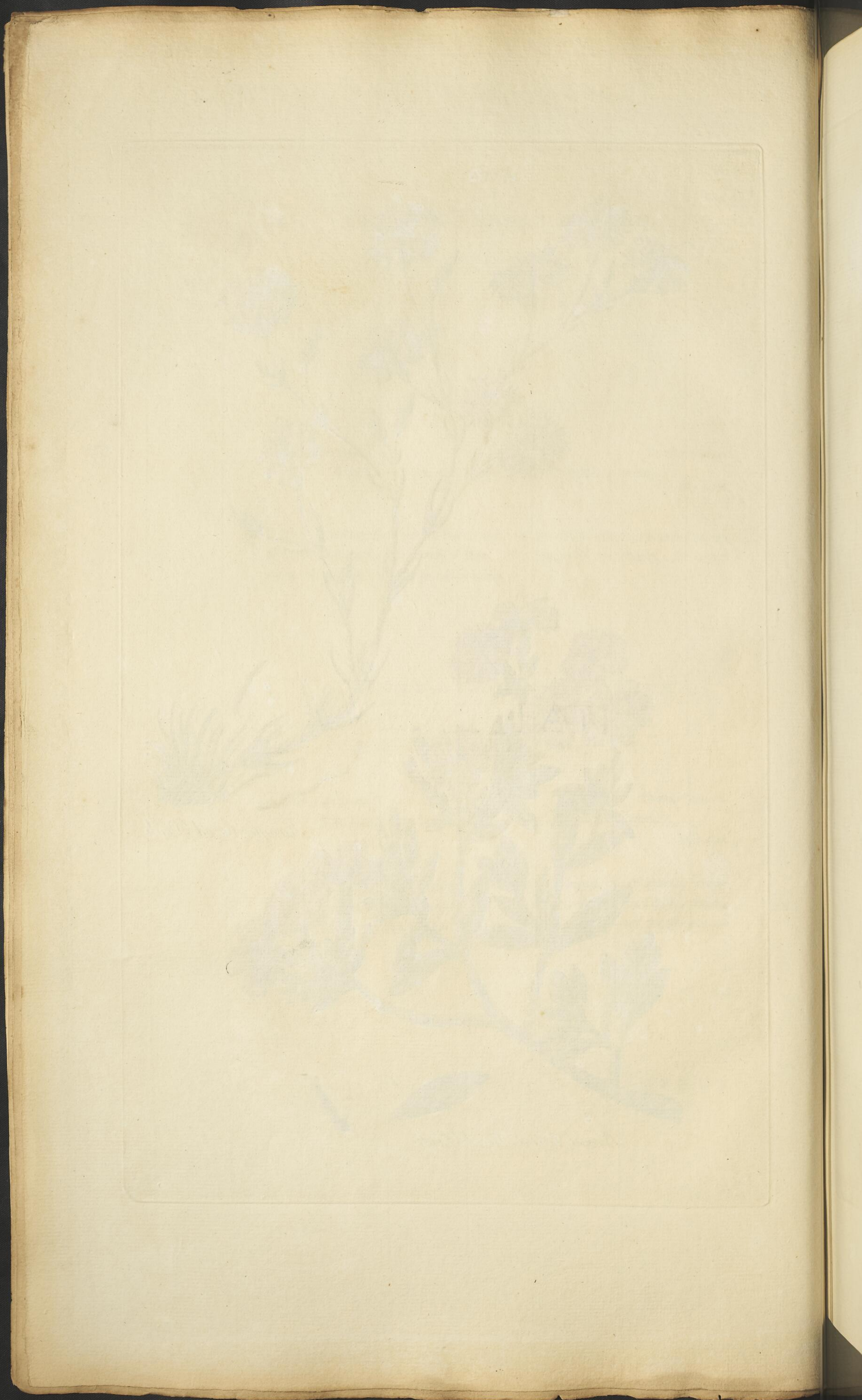
THIS is a Perennial, native of the Greek Islands; a rugged and ill growing woody Plant of two foot high, flowering in June. The Stem is of a deep and dusky brown; the young Shoots are greyish; the Leaves are of a dull blueish green; the Flowers are crimson.

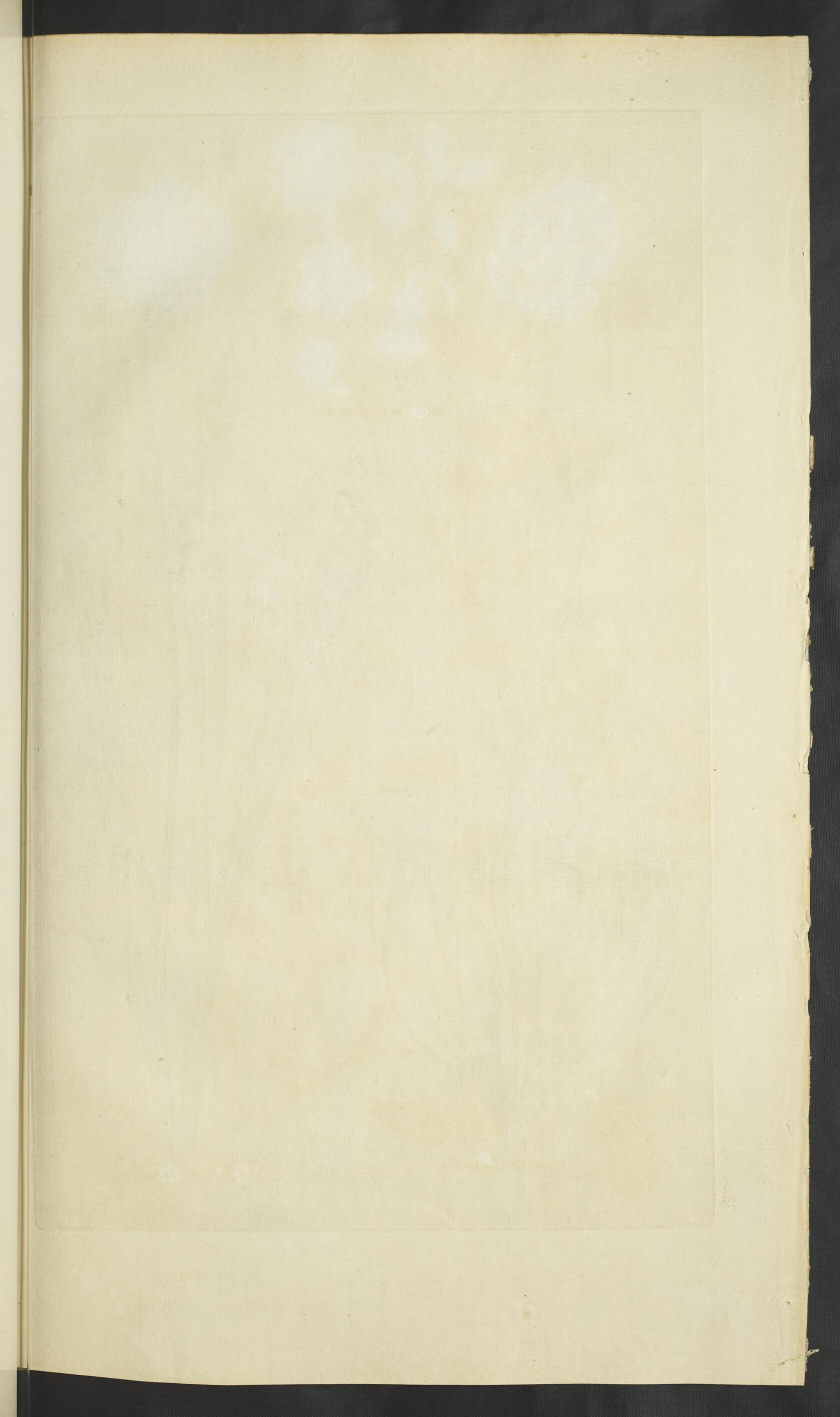
GENUS

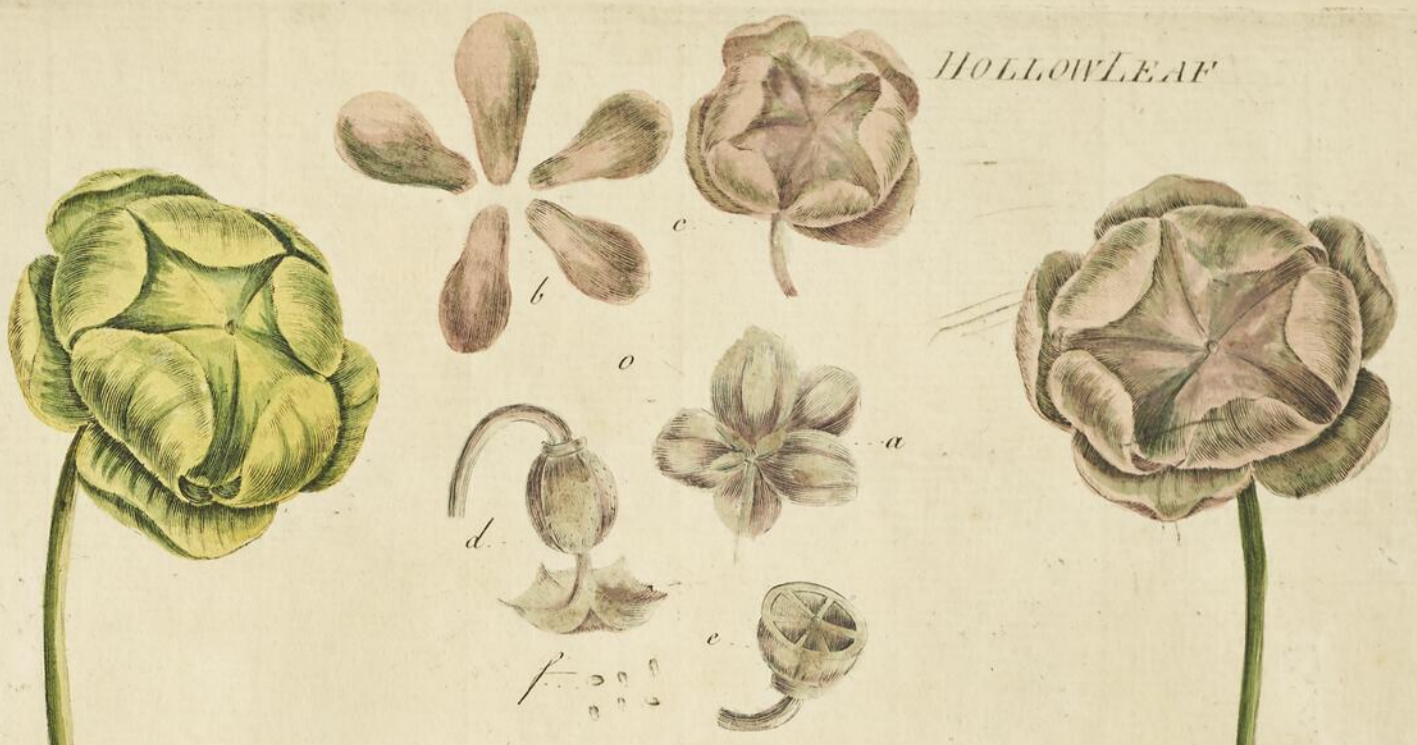


1
Juniper leaved Pink

2
Broad leaved Shrub Pink







Generic Character



1
Crimson Hollowleaf



2
Yellow Hollowleaf

GENUS III.

HOLLOWLEAF.

Plate 17.

Character of the Genus.

The LOWER CUP is of three Leaves.

The UPPER CUP has five.

The FLOWER has its Petals oval, and bent inward.

The CAPSULE is roundish, with five cells.

Plate 17. *abcde.*

I. CRIMSON HOLLOWLEAF.

Plate 17. Fig. 1.

Character of the Species.

Sarracenia Purpurea.

The Leaf is hollow, and swells out behind.

Fig. 1. *ab.*

THIS is a Perennial, native of wet grounds in North America; a very singular Plant, flowering in August. The Stalk is of a pale green; the Leaves are of a fresh light green, hollowed like pitchers; the Flower is of a purplish crimson.

2. YELLOW HOLLOWLEAF.

Plate 17. Fig. 2.

Character of the Species.

Sarracenia Flava.

The Leaf is hollow, conic, and slender.

Fig. 2. *ab.*

THIS is a Perennial, native of the wet grounds in North America; a beautiful Plant of fifteen inches high, flowering in August. The Stalk is pale; the Leaves are of a blueish green; the Flowers are yellow.



Hollowleaf

G E N U S IV.

P E N T A P E T E S.

Plate 18.

Character of the Genus.

The O U T E R C U P is small, and of three Leaves.

The I N N E R has five long, waved, tough Leaves.

The F L O W E R expands wide; its Petals are oblong and obtuse.

The C A P S U L E is hard, and egg-shaped, with five cells, and many winged Seeds. Plate 18. a b c d e.

1. T Y R I A N S I M I N E.

Plate 18. Fig. 1.

Character of the Species.

Pentapetes Phoenicea.

The Leaves are cut in threes, deep-fawed, and smooth. Fig. 1. a b.

THIS is an Annual, native of the East-Indies; a beautiful Plant of three foot high, flowering in August. The Stalk is pale; the Leaves are of a fresh and delicate green; the Flowers are of a glowing crimson.

2. W H I T E S I M I N E.

Plate 18. Fig. 2.

Character of the Species.

Pentapetes Alba.

The Leaves are egg-shaped, deep-waved, and nurlled, and downy underneath. Fig. 2. a b.

THIS is a Perennial, a woody Plant, native of the East-Indies; it grows, in a wild irregular way, to four foot high, and flowers in June. The Stem is of a pale brown; the young Shoots are greyish; the Leaves are of a dull blueish green, white underneath; the Flowers are white, sometimes yellowish.

3. B L O S S O M S I M I N E.

Plate 18. Fig. 3.

Character of the Species.

Pentapetes Acerifolia.

The Leaves are hearted, cut in, and deep dented. Fig. 3. a b.

THIS is a Perennial, native of the East-Indies; a handsome branchy Plant of three foot high, flowering in June. The Stalk is tinged with brown; the Leaves are of a yellowish green; the Flowers are white, or yellowish, with a blush of a very fine blossom-colour at their base.

SIMINE.

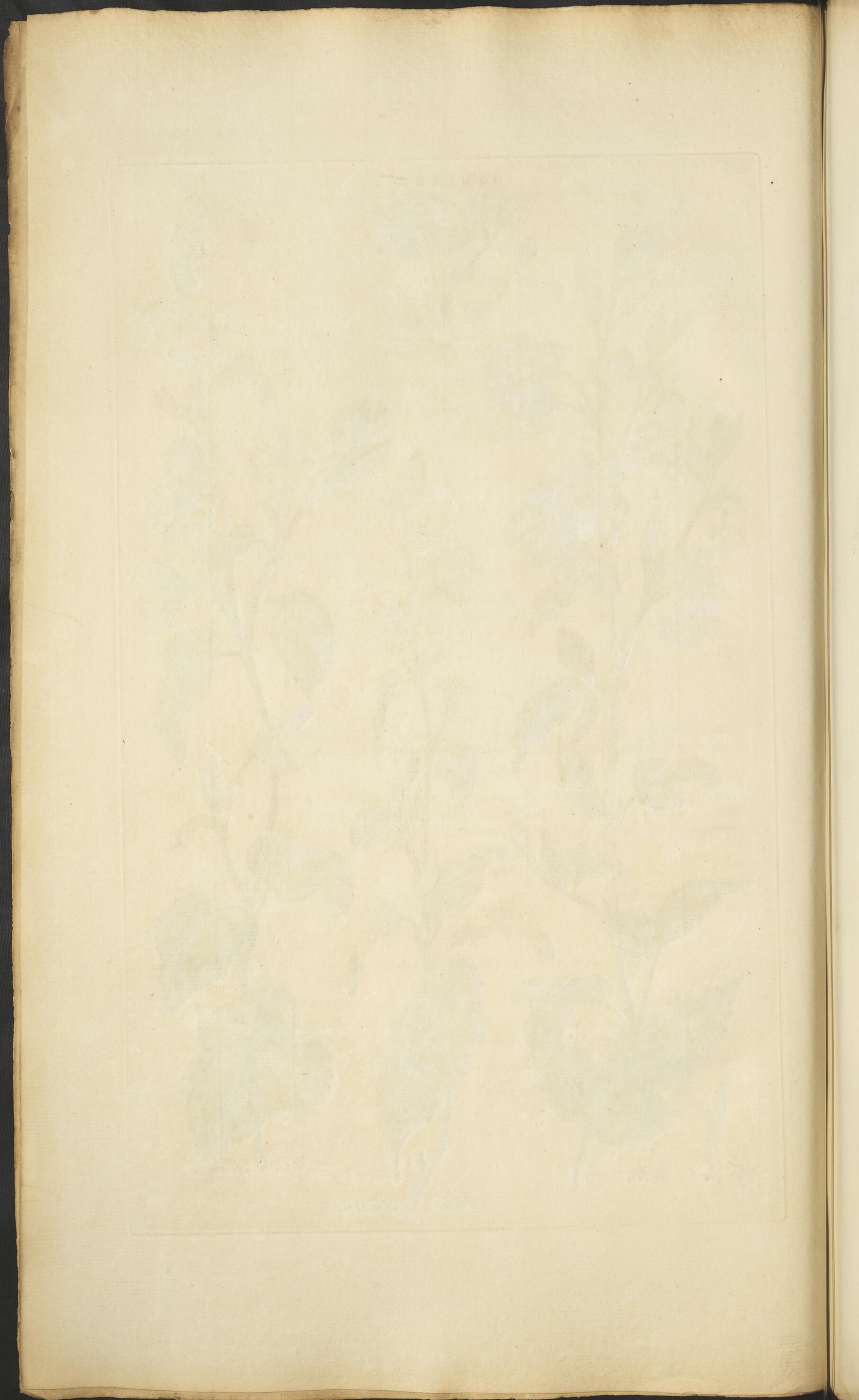


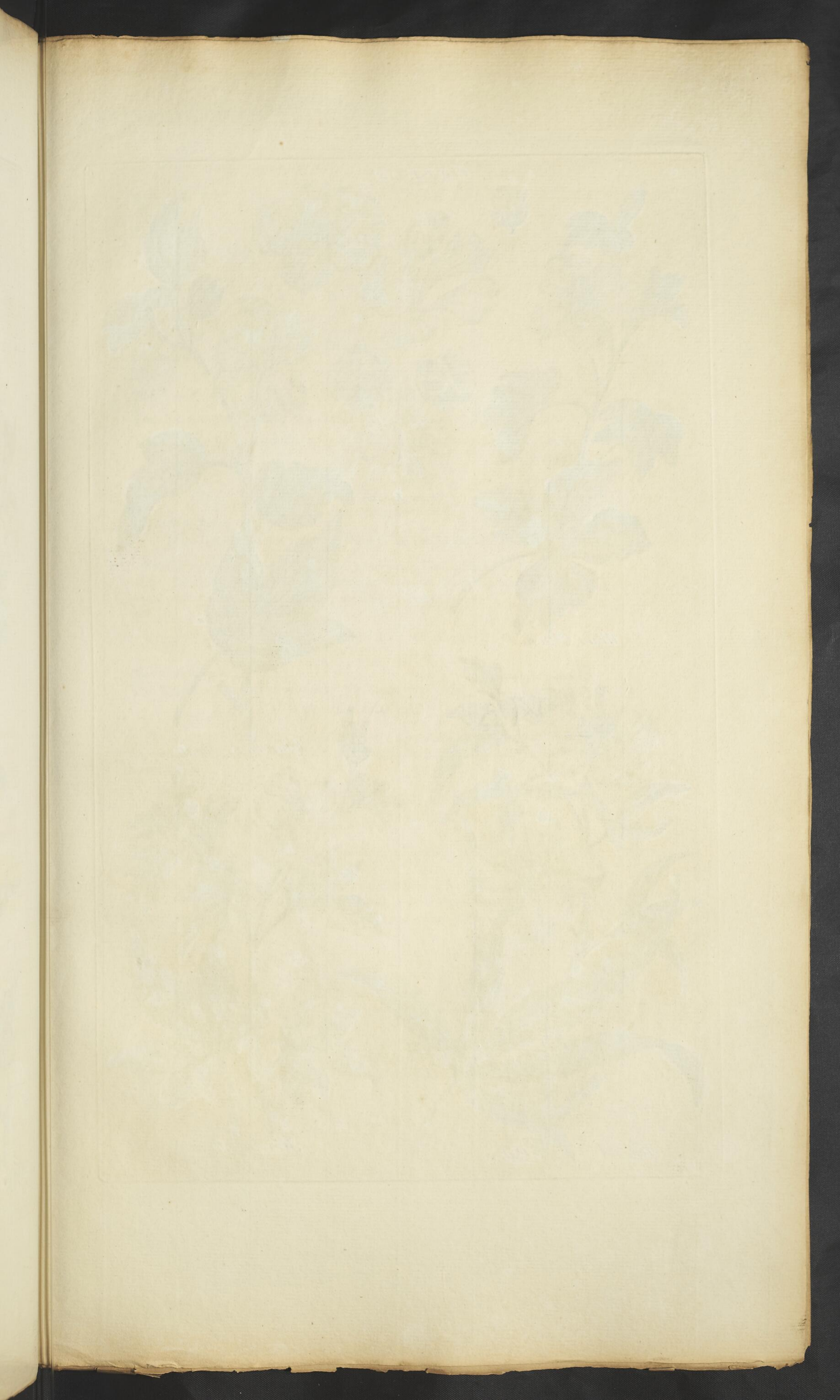
1 Tyrian Simine

2 White Simine

3 Blossom Simine

131/15







Generic Character

Weak Cotton



Glandula Cotton



Fingerd Cotton



Hairy Cotton

G E N U S V.

C O T T O N.

Plate 19.

Character of the Genus.

The O U T E R C U P is cut into three oblong segments.

The I N N E R is bell-shaped, with a nipped edge.

The F L O W E R spreads; the Petals are waved, and unite at the base.

The C A P S U L E is roundish, with four ridges, with many Seeds, in cotton.

Plate 19. *abcde.*

1. W E A K C O T T O N.

Plate 19. Fig. 1.

Character of the Species.

*Gossypium Herbaceum.*The Leaves are cut into five lobes; the Stalks are smooth. Fig. 1. *ab.*

THIS is an Annual, native of America; a very pretty Plant of four foot high, flowering in July. The Stalk is of a dead green; the Leaves are of a strong, but not pleasing green, and are often tinged with brown; the Flowers are pale yellow.

2. G L A N D U L A R C O T T O N.

Plate 19. Fig. 2.

Character of the Species.

Gossypium Barbadense.

The Leaves are cut in three, and the lobes undivided; there are three Glands under each Leaf. Fig. 2. *ab.*

THIS is a woody Perennial, native of Barbadoes; a handsome Plant of five foot high, flowering in August. The Stalk is pale; the Leaves are of a fresh full green; the Flowers are yellow.

3. F I N G E R ' D C O T T O N.

Plate 19. Fig. 3.

Character of the Species.

Gossypium Arboreum.

The Leaves are cut into long narrow fingered parts; the Stem is woody.

Fig. 3. *ab.*

THIS is a Perennial woody Plant, native of the East-Indies; it grows to five foot high, and flowers in June. The Stem is brown and rugged; the Shoots are of a pale green; the Leaves are of a fine fresh green; the Flowers are pale yellow.

4. H A I R Y C O T T O N.

Plate 19. Fig. 4.

Character of the Species.

Gossypium Hirsutum.

The Stalks are hairy; the Leaves are five-fingered; but short.

Fig. 4. *ab.*

THIS is an Annual, native of South America; a very beautiful and valuable Plant of four foot high, flowering in July. The Stalk is of a greyish green, and hairy; the Leaves are of a full but somewhat blueish green; the Flowers are of a very pale yellow.

G E N U S

G E N U S VI.

M A L V E N D E.

Plate 20.

Character of the Genus.

The O U T E R C U P is of one Leaf, cut into five short broad segments.

The I N N E R is of five narrow, ridged, permanent Leaves.

The F L O W E R spreads; its Petals terminate with a point.

The C A P S U L E is rugged, and roundish, with five ribs, and five cells
single Seeds.Plate 20. *a b c d e.*

1. A N G U L A T E D M A L V E N D E.

Plate 20. Fig. 1.

Character of the Species.

Urena Malacoides.

The Leaves are angulated, and deep cut in.

Fig. 1. *a.*

THIS is a Perennial, a woody Plant, native of China; it grows to four foot high, and flowers in June. The Stalks are pale, and downy; the Leaves are of a beautiful fresh green; the Flowers are of an elegant red; a damask rose colour.

2. P A L M A T E D M A L V E N D E.

Plate 20. Fig. 2.

Character of the Species.

Urena Sinuata.

The Leaves are cut into fingered lobes, and are dented.

Fig. 2. *a.*

THIS is a Perennial, a woody Plant, native of the East-Indies; it grows to four foot high, and flowers in July. The Shoots are greyish; the Leaves are of a strong full green; the Flowers are of a very delicate pale crimson.

3. H E A R T E D M A L V E N D E.

Plate 20. Fig. 3.

Character of the Species.

Urena Procumbens.

The Stem is woody, but weak; the Leaves are hearted, and speary.

Fig. 3. *a.*

THIS is a Perennial, native of China; a low, bushy, branchy Plant, straggling every way, to a foot and a half in length; and flowers in June. The Stalks are pale green; the Leaves are of a fresher green; the Flowers are crimson.

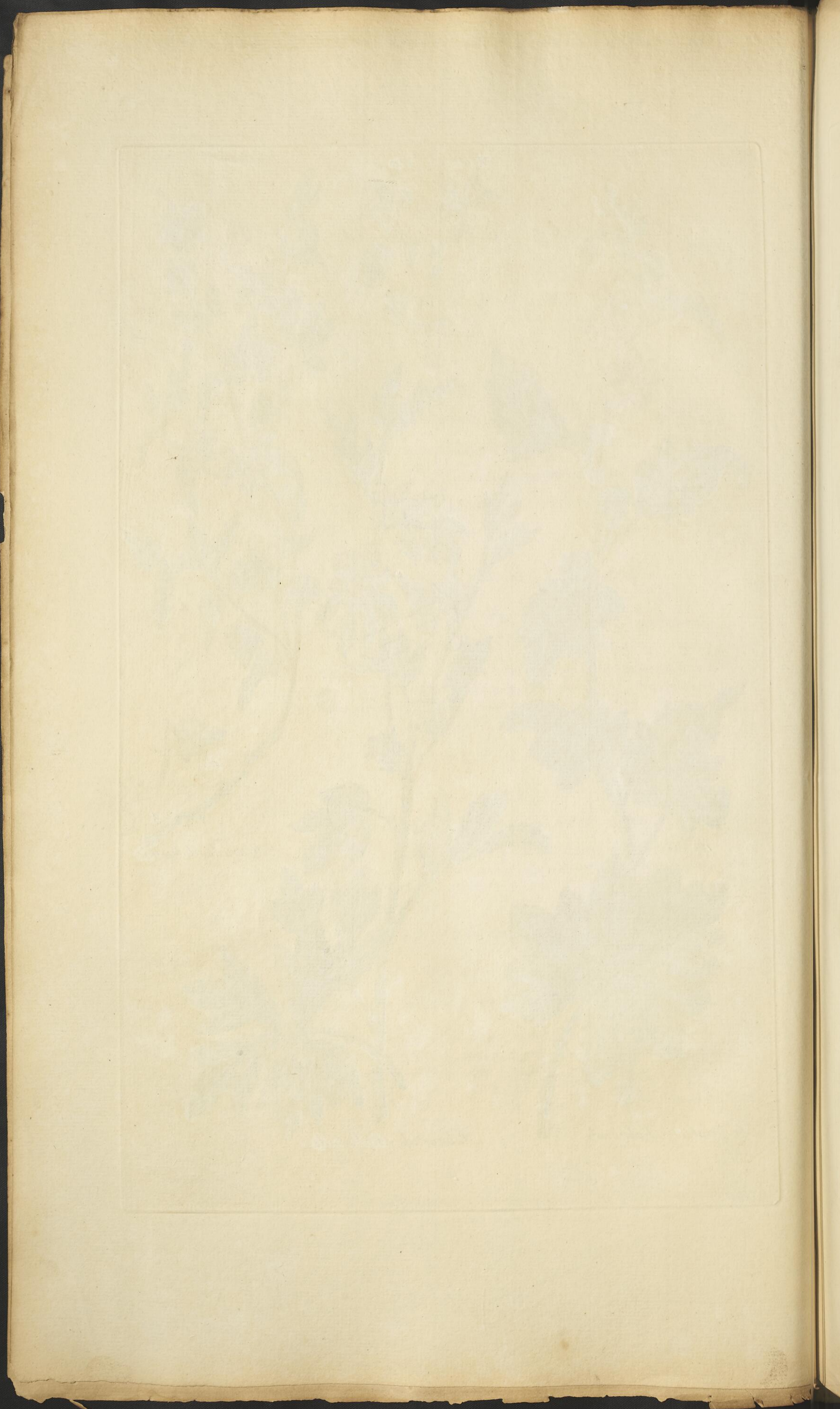
G E N U S

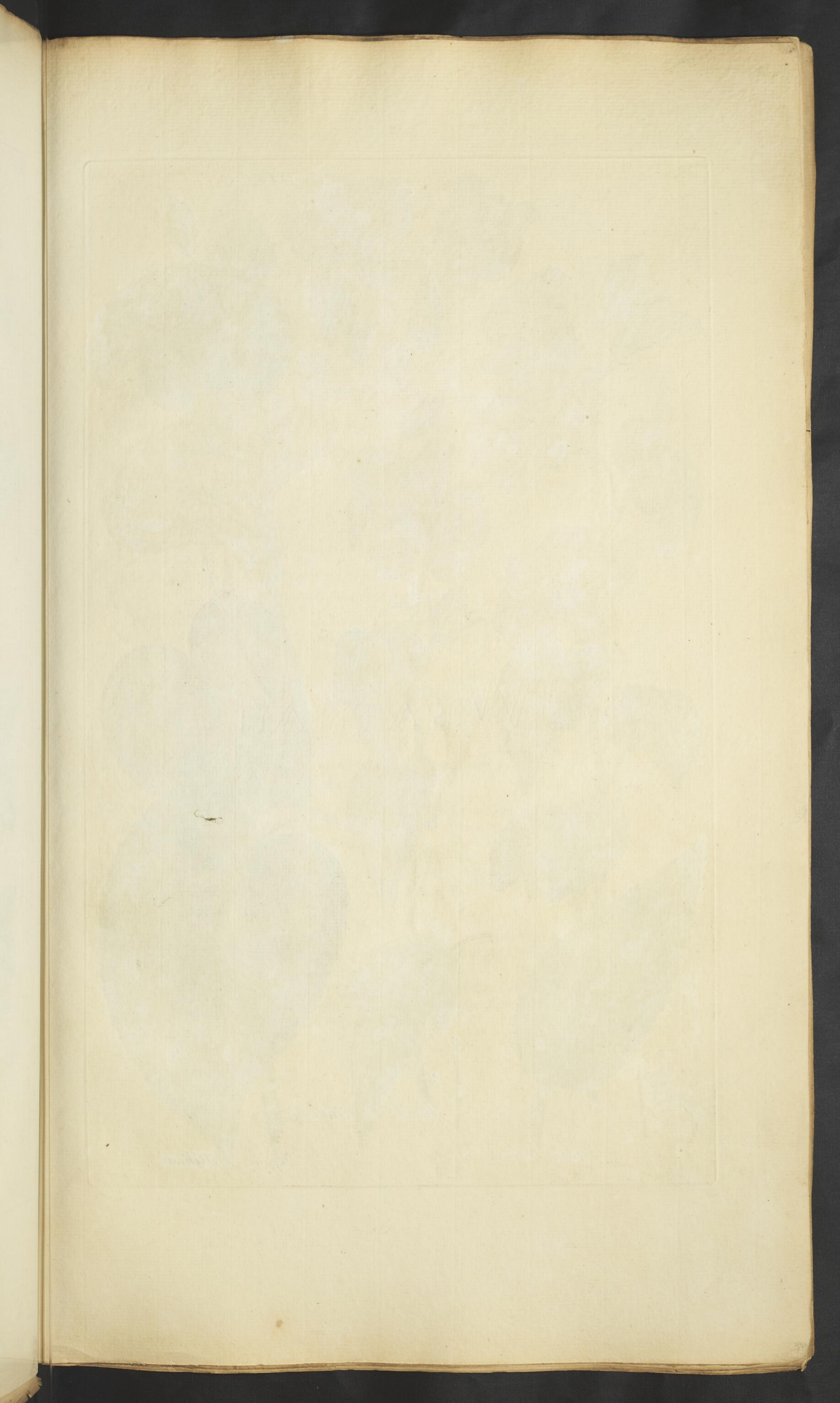


Angulated Malvende

Palmated Malvende

Hearted Malvende







Musk Hibisc

Marsh Hibisc

Poplar Hibisc

G E N U S VII.

H I B I S K.

Plate 21.

Character of the Genus.

The O U T E R C U P has many narrow permanent Leaves, eight, or more.

The I N N E R is of one Leaf, bell-shaped, and cut in five.

The F L O W E R stands hollow ; its Petals are obtuse, and uneven at the end.

The C A P S U L E is egg-shaped, with five cells, and many kidney'd Seeds.

Plate 21. *a b c d.*

1. M U S K H I B I S K.

Plate 21. Fig 1.

Character of the Species.

Hibiscus Moscheutos.

The S t a l k is simple ; the L e a v e s are egg-shaped and sawed ; the F l o w e r s grow upon their foot-stalks.

Fig 1. *a b c.*

THIS is a Perennial, native of North America ; a beautiful Plant of two foot and a half high, flowering in August. The S t a l k is pale ; the L e a v e s are of a fine fresh green ; the F l o w e r s are of a delicate pale rose-colour.

2. M A R S H H I B I S K.

Plate 21. Fig. 2.

Character of the Species.

Hibiscus Palustris.

The S t a l k is simple ; the L e a v e s are egg-shaped, but trilobate, and downy underneath.

Fig. 2. *a b.*

THIS is a Perennial, native of Virginia and Canada ; a Plant of a yard high, flowering in July. The S t a l k is olive-coloured ; the L e a v e s are of a fine green above, and white underneath ; the F l o w e r s are of a full red.

3. P O P L A R H I B I S K.

Plate 21. Fig. 3.

Character of the Species.

Hibiscus Populneus.

The L e a v e s are hearted, and plain ; the O u t e r C u p is short, and even.

Fig. 3. *a b.*

THIS is a Perennial, native of India ; a woody Plant of great stature, flowering in June. The S t e m is pale ; the young S h o o t s are greyish ; the L e a v e s are of a fine strong glossy green ; the F l o w e r s are very large, and yellow.

4. L I M E H I B I S K.

Plate 22. Fig. 1.

Character of the Species.

Hibiscus Tiliaceus.

The Leaves are hearted, serrated, and sharp-pointed, and white underneath; the Outer Cup is cut in ten.

Fig. 1. *a b c.*

THIS is a Perennial, native of the East-Indies; it grows to a tree, and flowers from June to August. The Stem is grey; the Shoots are whitish, often tinged with red: the Leaves are of a very delicate green; their foot-stalks are often also red; and they are downy underneath: the Flowers are large, beautiful, and of a pale yellow.

5. L I L Y H I B I S K.

Plate 22. Fig. 2.

Character of the Species.

Hibiscus Simplex.

The Leaves are hearted, but cut also into three lobes, and curled.

Fig. 2. *a b.*

THIS is a Perennial, native of Asia, and of the American Islands; it rises to a tree, and flowers in July. The Stem is brown; the Twigs are pale, and ruddy towards the sun; the Leaves are of a very delicate green; the Flowers are large and white.

6. R O S Y H I B I S K.

Plate 22. Fig. 3.

Character of the Species.

Hibiscus Rosa Sinensis.

The Leaves are oval, deep-sawed, and smooth; the Stem is woody.

Fig. 3. *a b.*

THIS is a Perennial, native of China and the Indies; a wonderfully fine and beautiful kind; one of the China roses, as they are called; their festive Flowers. It grows, like the preceding, to the stature of a tree; but is so perfect a Malvaceous Plant, that it is impossible to refuse it, or them, a place here; and is as necessary to refer hither, from the Trees, to them. The Stem of this is brown; the Shoots green; the Leaves are of a fine, bright, glossy green; the Flowers are of a high crimson.

Culture renders these Flowers double; they are in that state remarkable, not only for their beauty, but their oblong form; the doubling Petals rising all up the length of the cluster of Filaments.

7. MULBERRY

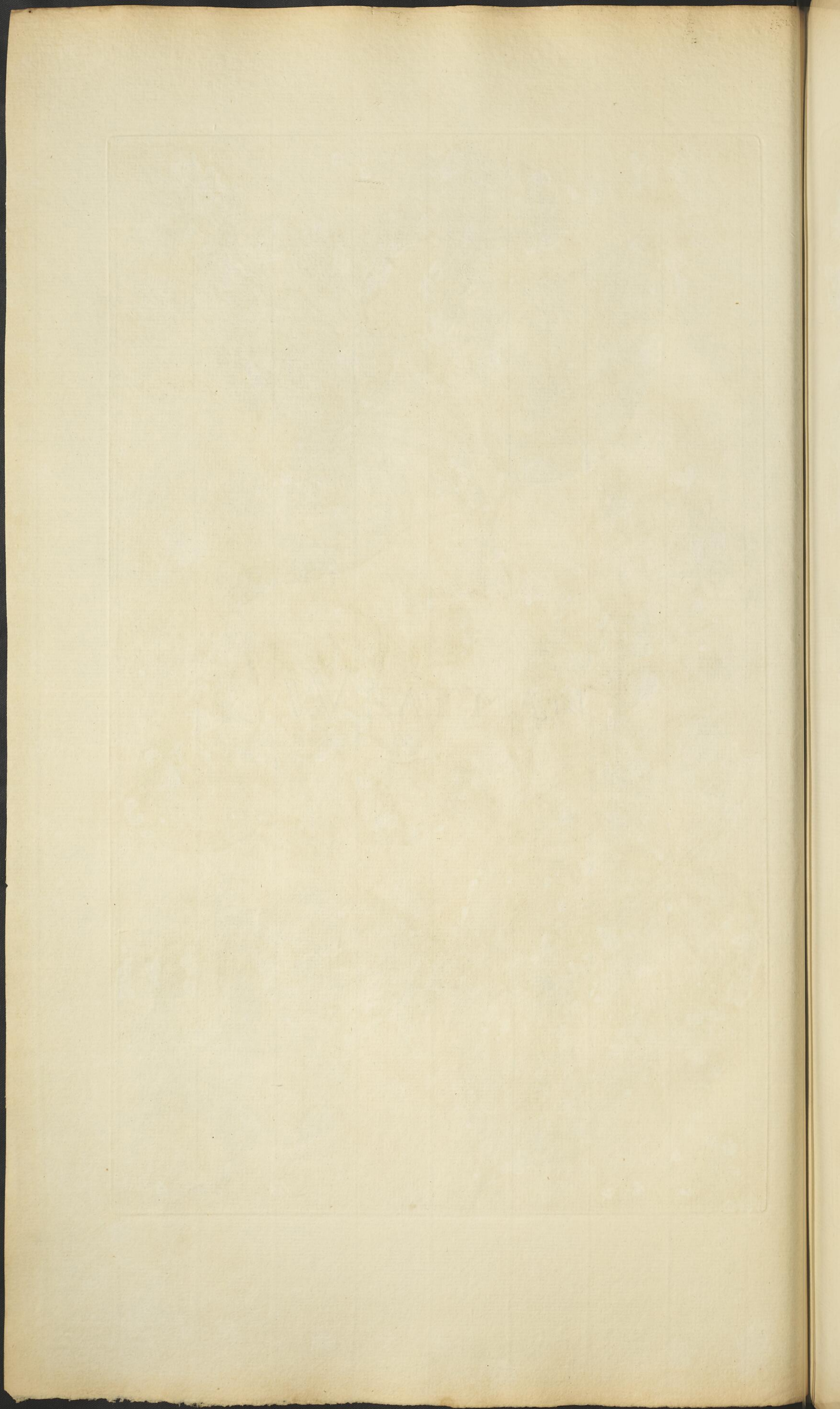


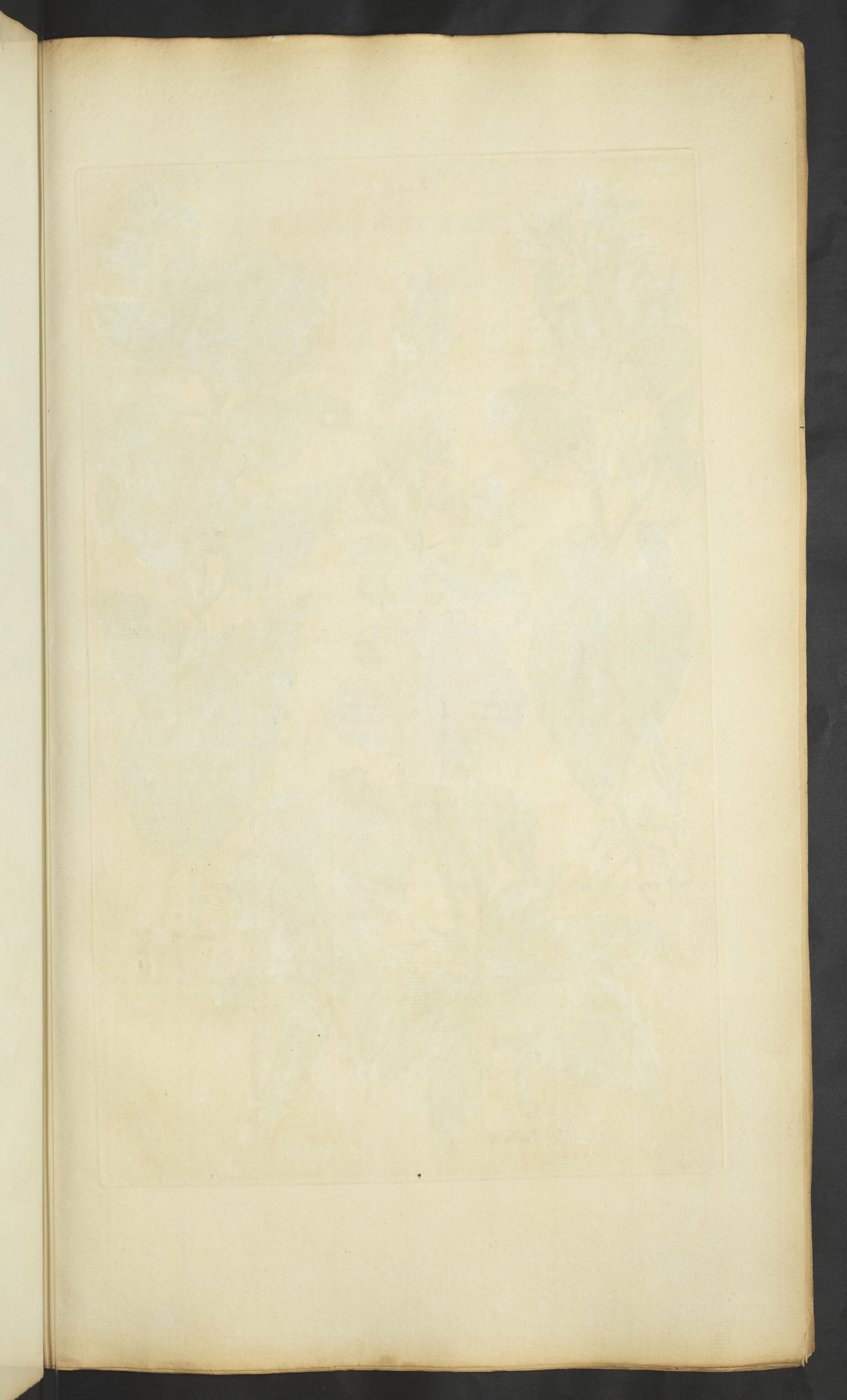
3
Rose Hibisk

1
Lime Hibisk

2
Lilby Hibisk

Vol 15





HIBISK
3



Mulberry Hibisk

Low Hibisk

Mutable Hibisk

7. MULBERRY HIBISK.

Plate 23. Fig. 1.

Character of the Species.

Hibiscus Brasiliensis.

The Leaves are hearted, and dented; the Shoots are hairy; the Stem is woody; and the Outer Cup is very long.

Fig. 1. *a b.*

THIS is a Perennial, native of the Brasils; a woody Plant of three or four foot high, flowering from June to September. The Stem is brown; the Shoots are of a dusky green; the Leaves are of a strong and pleasing green; the Flowers are large, and of a fine rose-colour.

8. LOW HIBISK.

Plate 23. Fig. 2.

Character of the Species.

Hibiscus Hirtus.

The Leaves are egg-shaped, but long, deep-sawed, and smooth; the Stalk is tender.

Fig. 2. *a b c.*

THIS is a Biennial, native of the East-Indies; a Plant of a foot and half high, flowering in July. The Stalk is of a pale green; the Leaves are of a very fine and strong green; the Flowers are of a deep crimson.

9. MUTABLE HIBISK.

Plate 23. Fig. 3.

Character of the Species.

Hibiscus Mutabilis.

The Leaves are palmated and hearted, and loofely cut in.

Fig. 3. *a.*

THIS is a Perennial, native of China and the Indies; another of the kinds called China Roses, the finest and most favoured of them all; it grows to the stature of a tree. The Shoots are pale, but usually tinged with red; the Leaves are of a light but very pleasant green; the Flowers are of the colour of the Damask Rose.

The culture of the Chinese brings these to be very double; it is in this state they place them every-where about their houses, and paint them on their papers and their bowls and dishes: the variety of colours they shew us on the same branch is not from fancy. The Flower is white while in the bud; rose-colour and white afterwards; when full spread out, it is a fine crimson; and purple in its fading: and all this in the space of a few hours. The name *Flos Horarius*, of Rumphius, is well applied.

10. MALVAVISCAN HIBISK.

Plate 24. Fig. 1.

Character of the Species.

Hibiscus Malvaviscus.

The Leaves are soft, hearted, and deeply cut into three Lobes, and sawed ;
the Stem is woody.

Fig. 1. a b.

THIS is a Perennial, native of the West-India Islands ; a very beautiful Plant, woody, and ten foot high, flowering in August. The Stem is rugged, and of a pale brown ; the young Shoots are pale green ; the Leaves are of a light fresh green ; and the Flowers are of the most beautiful scarlet, the colour of our scarlet Garden Ranunculus, so bright as to make the eyes ake.

11. SHARP HIBISK.

Plate 24. Fig. 2.

Character of the Species.

Hibiscus Spinifex.

The Leaves are hearted ; the Cup grows thorny as it grows old.

Fig. 2. a b.

THIS is a Perennial, native of the American Islands ; a woody Plant of eight or ten foot high, flowering in June. The Stem is dusky ; the young Shoots are pale green ; the Leaves are of a fine fresh green ; the Flowers are yellow.

12. KETMIAN HIBISK.

Plate 24. Fig. 3.

Character of the Species.

Hibiscus Syriacus.

The Leaves are lightly five-lob'd, with an oval end, and sawed ; the Stem
is woody.

Fig. 3. a b.

THIS is a Perennial, native of Syria ; frequent in a thousand varieties of colour, and of paintings in our gardens ; a shrub of five or six foot high, flowering in August. The Stem is of a pale brown ; the Shoots are greyish ; the Leaves are of a somewhat blueish green ; the Flowers are purplish, crimson, rose-coloured, or white ; or streaked variously.

13. THORNY HIBISK.

Plate 24. Fig. 4.

Character of the Species.

Hibiscus Ficulneus.

The Leaves are deeply five-lob'd, with a round end ; the Stalk is thorny.

Fig. 4. a b.

THIS is a Perennial, native of Ceylon ; a woody Plant of five foot high, flowering in July. The Stalk is brown ; the Leaves are of a strong and fine green ; the Flowers are white, with red veins stained quite through them.

14. SABDA-

HIBISK.
4



Malvaceiscan Hibisk



Sharp Hibisk

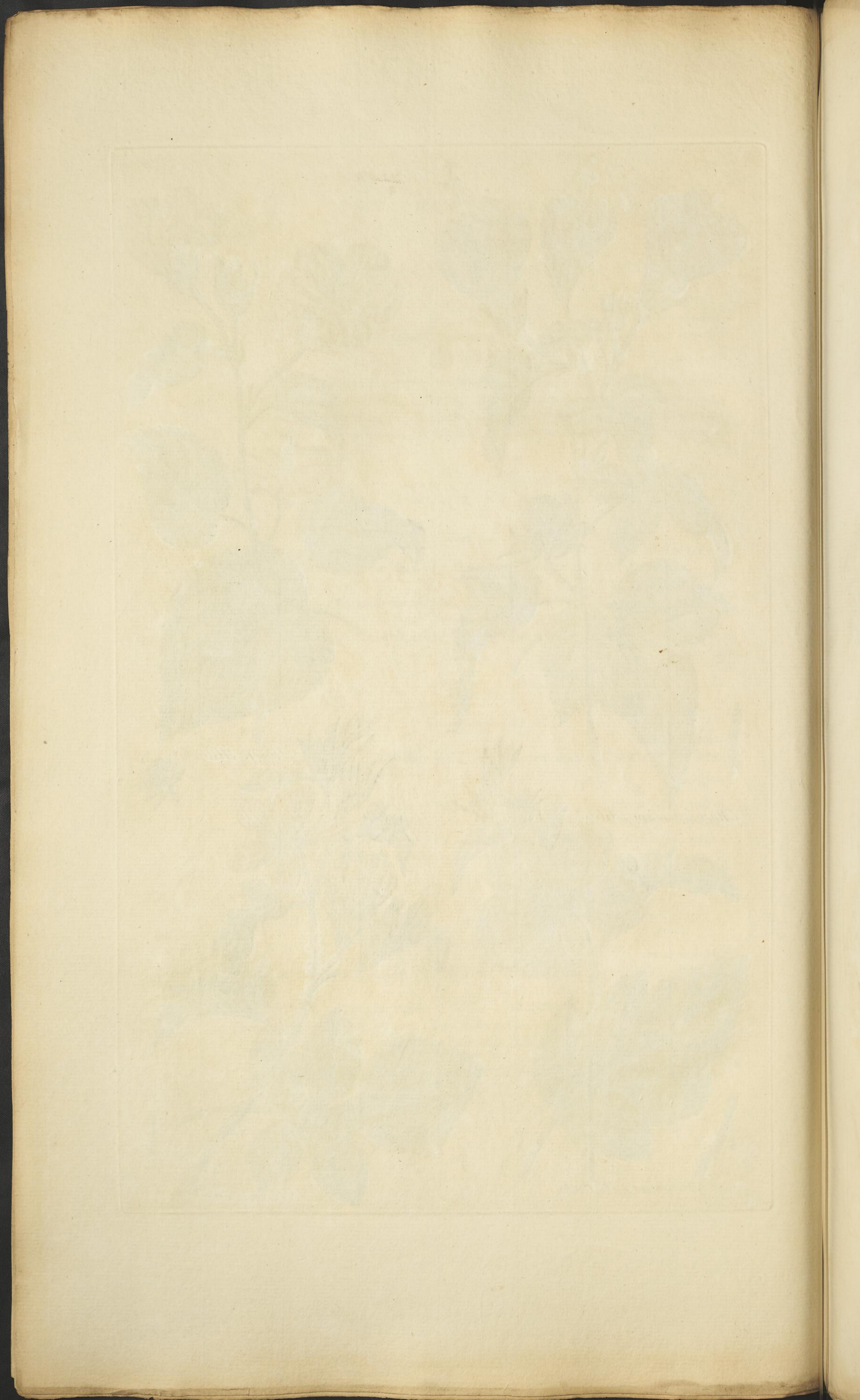


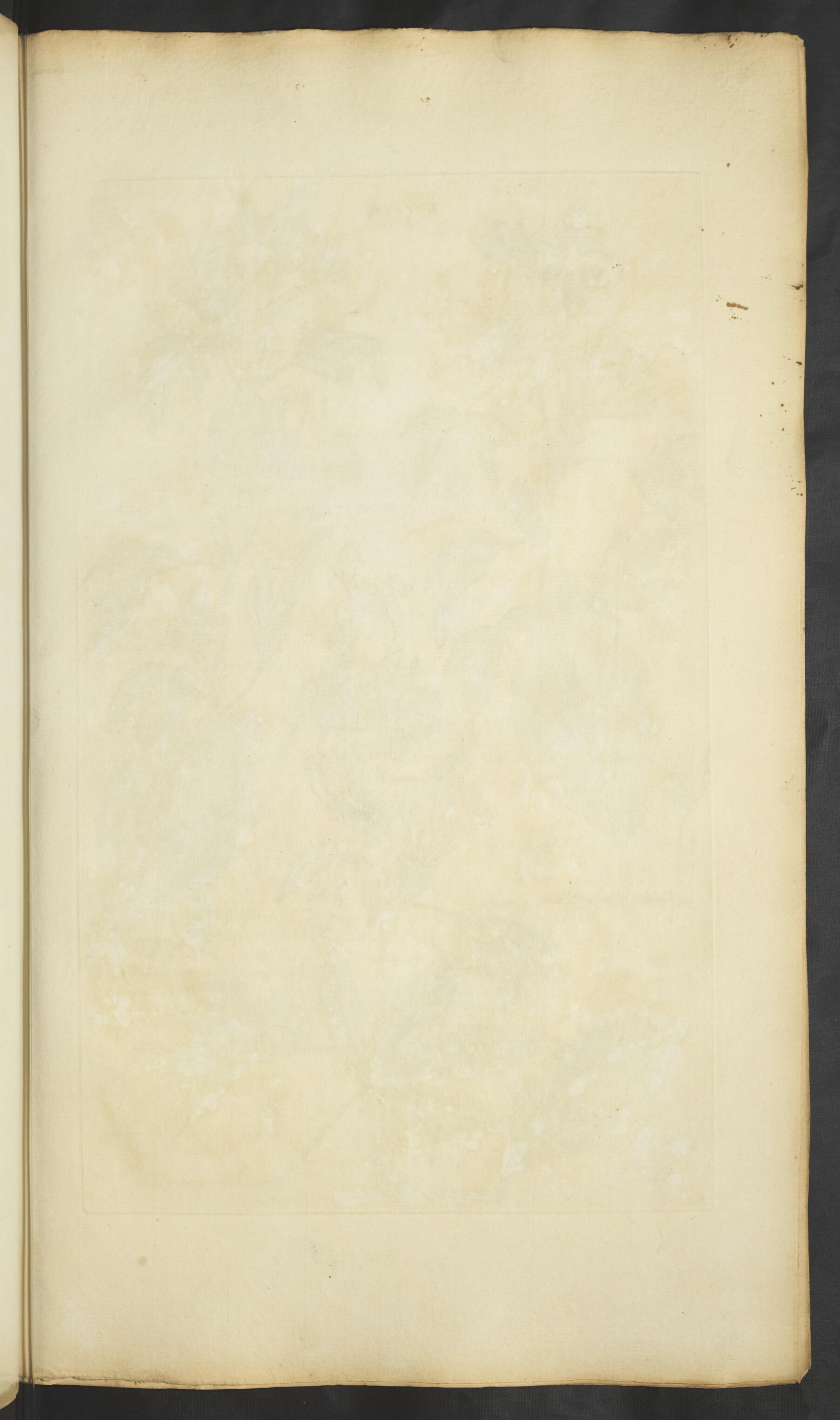
Kilmian Hibisk



Thorny Hibisk

16115







Sabdariffan Hibisk

Crinian Hibisk

Hemp Hibisk

14. S A B D A R I F F A N H I B I S K.

Plate 25. Fig. 1.

Character of the Species.

Hibiscus Sabdariffa.

The under Leaves are oval, and dented; the upper ones, cut entirely into threes or fives: the Stalk is naked.

Fig. 1. *a b.*

THIS is an Annual, native of China and the East-Indies; a very noble Plant of five foot high, flowering in August. The Stalk is of a pale green, often tinged with a ruddy brown; the Leaves are of a fresh and fair green; the Flowers are large and white, with a rosy blush in the centre.

15. H E M P H I B I S K.

Plate 25. Fig. 2.

Character of the Species.

Hibiscus Cannabinus.

The lower Leaves are oval; the upper are fingered; the Stalk is prickly; the Flowers have no foot-stalks.

Fig. 2. *a b c.*

THIS is an Annual, native of the East-Indies; a very noble Plant of five foot high, flowering in July. The Stalk is greyish, but its thorns are brown; the Leaves are of a light and somewhat greyish green; the Flowers are of a delicate pale yellow, crimson at the base.

16. C R I N I A N H I B I S K.

Plate 25. Fig. 3.

Character of the Species.

Hibiscus Surattensis.

The Stalk has hooked thorns; the lower Leaves are trilobate; the upper cut in threes; the Outer Cup is tipped.

Fig. 3. *a b c.*

THIS is an Annual, native of the East-Indies; a Plant of five foot high, and of very great beauty; it flowers in August. The Stalk is of a dull green; the thorns are brown; the Leaves are of a strong green; the Flowers are yellow, with a purple base.

17. MANIHOT HIBISK.

Plate 26. Fig. 1.

Character of the Species.

Hibiscus Manihot.

The Leaves are fingered, with seven long, deep-sawed segments.

Fig. 1. *a b.*

THIS is a Perennial, native of the East-Indies; a very noble Plant of seven foot high, flowering in August. The Stalks and young Shoots are of a fresh green; the Leaves are of a very fine strong green; the Flowers are vast, and very beautiful yellow, with a crimson base.

18. ABELMOSCH HIBISK.

Plate 26. Fig. 2.

Character of the Species.

Hibiscus Abelmoschus.

The Leaves are handed, and have their footstalks inserted toward their middle; they are cut into seven parts, hearted, and rugged. Fig. 2. *a b c.*

THIS is a Perennial, native of the East-Indies; a very noble Plant of five foot high, flowering in July. The Stalk is of a deep greyish green; the Leaves are of a dark green veined with crimson; the Flowers are very elegant yellow, with a blush of red at the base; and the Seeds have the sweetness of the animal perfumes.

19. OCHRAN HIBISK.

Plate 26. Fig. 3.

Character of the Species.

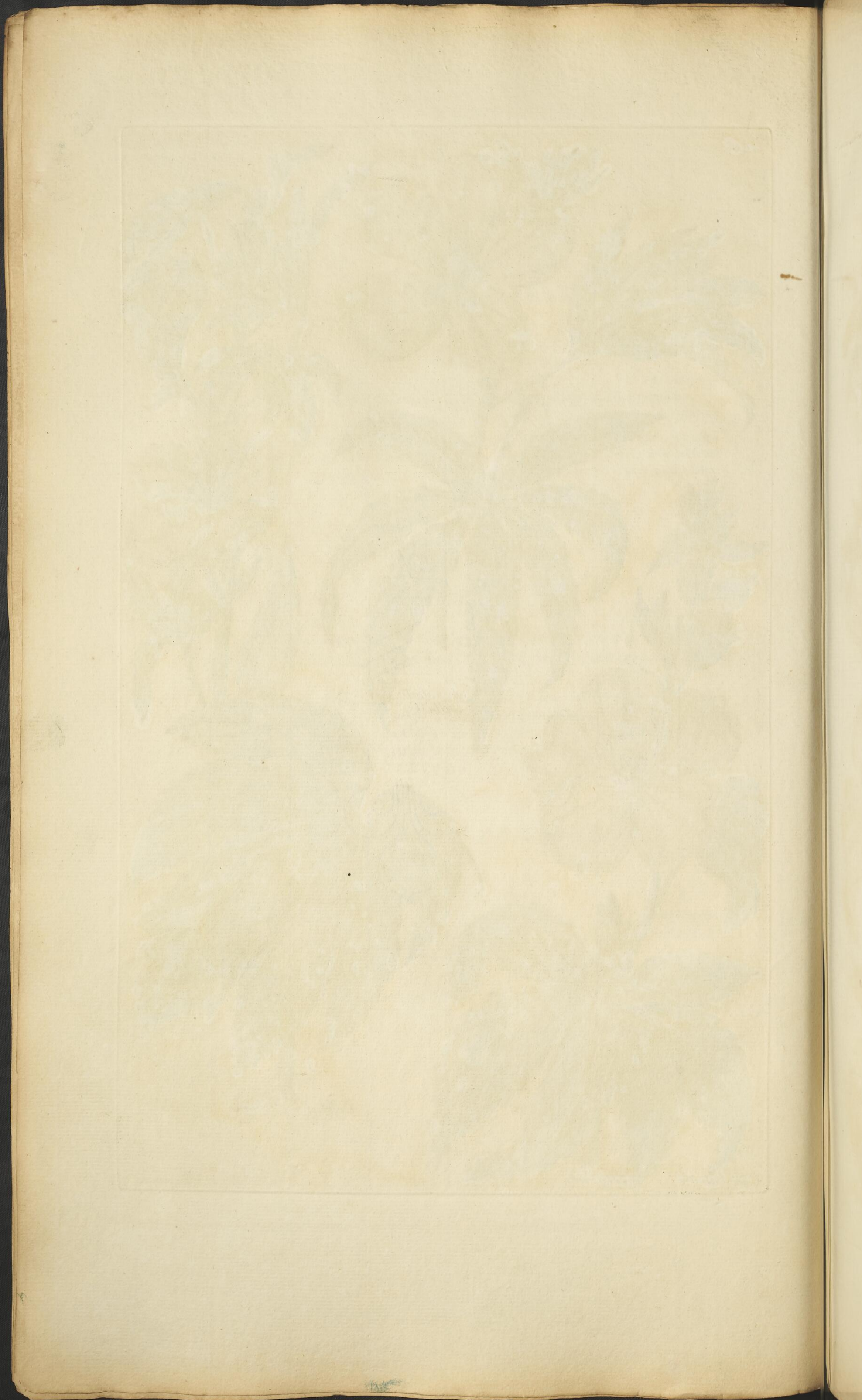
Hibiscus Esculentus.

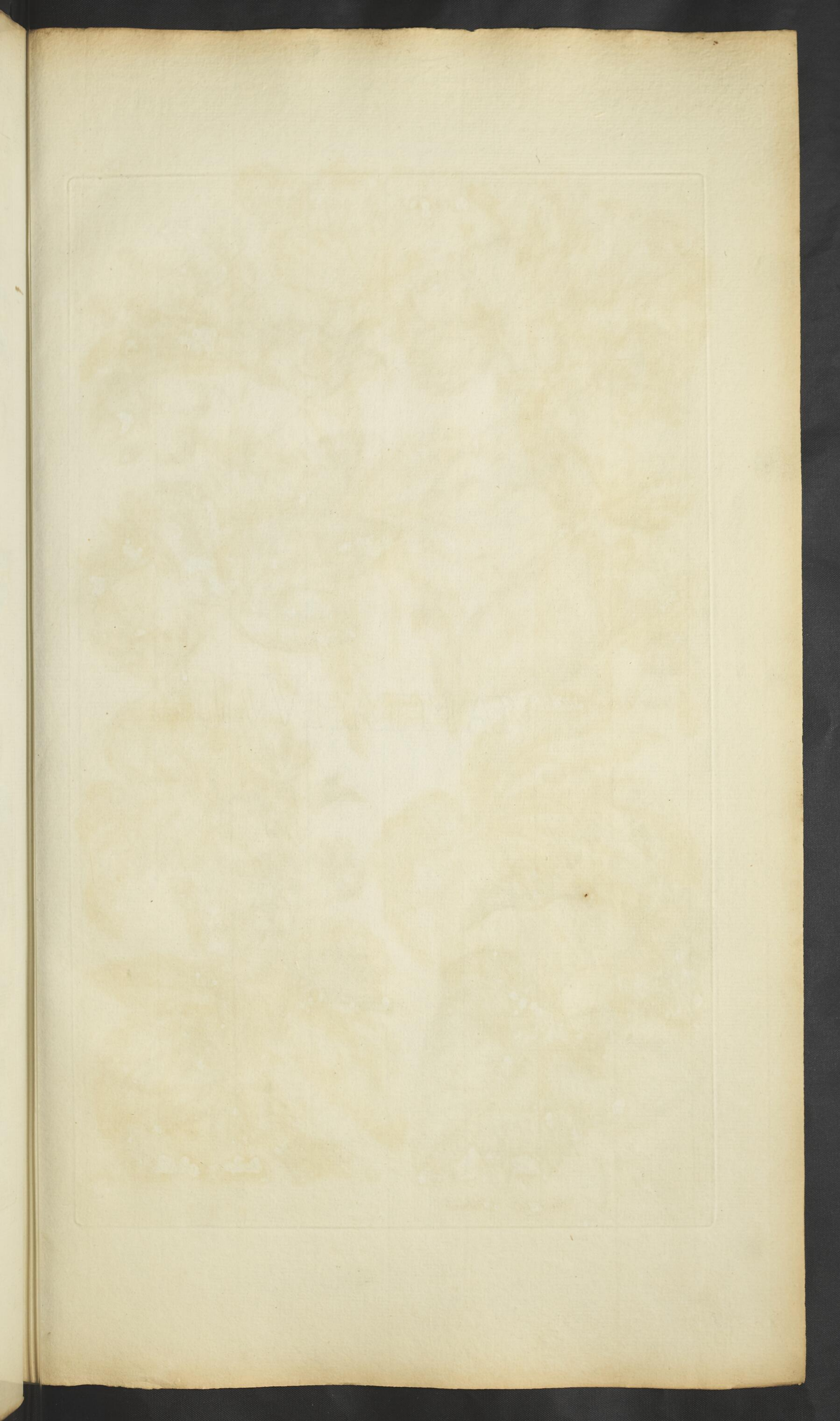
The Leaves are footed, and have five or seven broad serrated segments; the Inner Cup bursts sideways.

THIS is an Annual, native of the East and West Indies, well known for its esculent fruit, under the name of Ochra; it grows to six foot high, and flowers in August. The Stalk is green; the Leaves are of a very strong and fine green; the Flowers are yellow, with a crimson base.

HIBISK.
6









Wast leaved Hibisk



Vine Hibisk



Jointed Hibisk



Various Hibisk

20. VAST-LEAV'D HIBISK.

Plate 27. Fig. 1.

Character of the Species.

Hibiscus Clypeatus.

The Leaves are hearted, lightly cornered, and deep-fawed; the Pods are turbinated, and hard and rough.

Fig. 1. *abc.*

THIS is an Annual, native of the West-Indies; a Plant of five foot high, flowering in July. The Stalk is pale; the Leaves are of a faint yellowish green; the Flowers are yellow.

21. VINE HIBISK.

Plate 27. Fig. 2.

Character of the Species.

Hibiscus Vitifolius.

The Leaves are vine-shaped, with five sharp serrated segments; the Stalk is weak; and the Flowers hang.

Fig. 2. *abc.*

THIS is an Annual, native of the East-Indies; a Plant of four foot high, flowering in July. The Stalk is pale; the Leaves are of a light but pleasing green: the Flowers are yellow; but reddish, as most of the others, near the base.

22. JOINTED HIBISK.

Plate 27. Fig. 3.

Character of the Species.

Hibiscus Zeylanicus.

The Leaves are hearted, speary, and dented; the footstalks of the Flowers are knee'd.

Fig. 3. *abc.*

THIS is an Annual, native of the East-Indies; a very handsome Plant of four foot high, flowering in August. The Stalk is greyish; the Leaves are of a very pleasing though not strong green; the Flowers are yellow.

23. VARIOUS HIBISK.

Plate 27. Fig. 4.

Character of the Species.

Hibiscus Virginicus.

The Leaves are various; part only angulated, part cut into fingers.

Fig. 4. *ab.*

THIS is a Perennial, native of the wet grounds in North America; a Plant of a yard high, flowering in August. The Stalk is pale; the Leaves are of a yellowish green; the Flowers are yellow.

24. DROOPING

24. DROOPING HIBISK.

Plate 28. Fig. 1.

Character of the Species.

Hibiscus Pentacarpos.

The lower Leaves are broad, angulated, and hearted; the upper, oblong, angulated, and speary; the Flowers droop. Fig. 1. *a b c.*

THIS is a Perennial, native of damp grounds in Italy; it grows to two foot and a half high, and flowers in July and August. The Stalk is brown; the Leaves are of a bright and beautiful green on the upper side, and downy and white underneath; the Flowers are of a beautiful crimson, with the base very pale. The size of the Flower and stature of the Plant vary extremely in this species; it is often not eight inches high; and the Flowers are sometimes not a sixth of an inch broad, but this is owing to a defect of nourishment.

25. BLOATED HIBISK.

Plate 28. Fig. 2.

Character of the Species.

Hibiscus Trionum.

The Leaves are cut in three, and the parts deep divided; the Flower cups are bloated. Fig. 2. *a b.*

THIS is an Annual, common to Africa and the South of Europe, and frequent in our gardens; it grows to a foot long, but not upright; and flowers in August. The Stalk is brown; the upper part pale green; the Leaves are of a dull green; the Flowers are purple and white; and the Seed-veffel very prettily blown up.

TRIBE



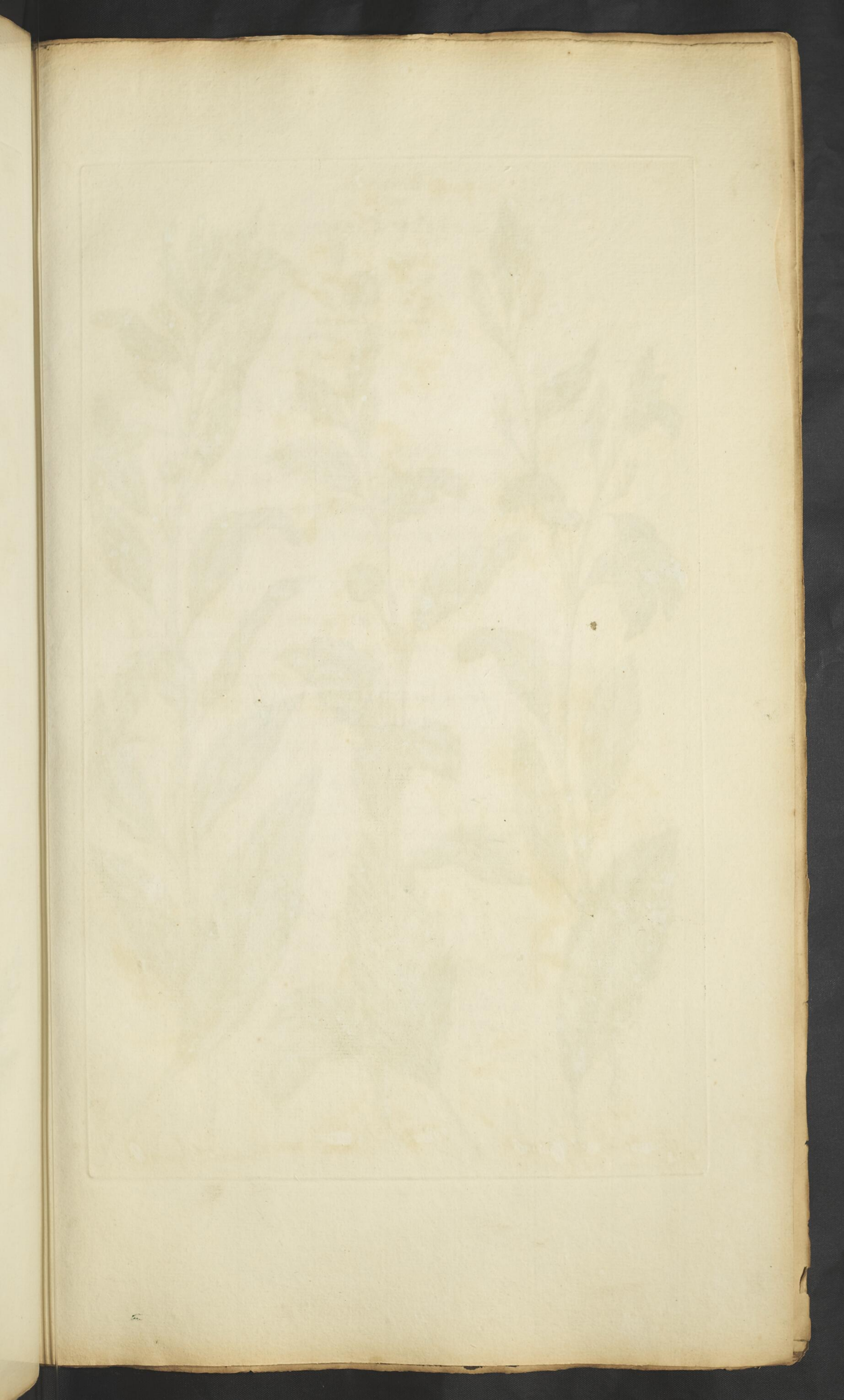
Drooping Hibisk



Bloated Hibisk

1315





DYEWEED



1
Chesnut leaved Dyeweed
Vol 15



2
Plaited Dyeweed



3
Painted Dyeweed

TRIBE the SECOND.

ORDER the SECOND.

Pentapetalous Plants, with three Capsules.

GENUS I.

DYEWEED.

Plate 29.

Character of the Genus.

The CUP is composed of five oval Leaves, which rise upwards.

The FLOWER is longer than the Cup; the Petals are obtuse.

The CAPSULE is of three united Lobes, with three Cells.

The PLANT has male and female Flowers on the same Stem.

1. CHESNUT-LEAV'D DYEWEED.

Plate 29. Fig. 1.

Character of the Species.

Croton Castaneifolium.

The Leaves are lanced, obtuse, ferrated, and smooth; and have footstalks.

Fig. 1. *abc.*

THIS is a Perennial, native of the West-Indies; flowering in June. The Stem is brown; the Leaves are of a dull brownish green; the Flowers are white.

2. PLAITED DYEWEED.

Plate 29. Fig. 2.

Character of the Species.

Croton Palustre.

The Leaves are broad-lanced, rugged, ferrated, and plaited.

THIS is an Annual, native of wet grounds in the West-Indies; it grows to two foot and a half high, and flowers in June. The Stalk is pale brown; the Leaves are of a dull green; the Flowers are white.

3. PAINTED DYEWEED.

Plate 29. Fig. 3.

Character of the Species.

Croton Variegatum.

The Leaves are lanced, smooth, undivided, and variegated.

Fig. 3. *abc.*

THIS is a Perennial; a woody kind; a native of Amboyna, and flowers in July. The Stem is dusky; the young Shoots are pale; the Leaves are of a coarse green; the Flowers are white.

4. TURNSOLE DYEWEED.

Plate 30. Fig. 1.

Character of the Species.

Croton Tinctorium.

The Leaves are rhomboidal; the Seed-vessels hang down. Fig. 1. *ab*.

THIS is an Annual, native of the South of France; a Plant of ten inches high, flowering in August. The Stalk is of a greyish green; the Leaves are pale; the Flowers are white.

5. GLANDULAR DYEWEED.

Plate 30. Fig. 2.

Character of the Species.

Croton Glandulosum.

The Leaves are oblong, and ferrated, and have two glands at the base.

Fig. 2. *ab*.

THIS is a Biennial, native of Jamaica; a branchy Plant of two foot high; flowering in June. The Stalk is pale; the Leaves are of a fresh green; the Flowers are white.

6. SILVER DYEWEED.

Plate 30. Fig. 3.

Character of the Species.

Croton Argenteum.

The Leaves are oval, but hearted, woolly underneath, and dented.

THIS is an Annual, native of America; a Plant of two foot high, flowering in August. The Stalk is greyish; the Leaves are of a light green; the Flowers are white.

7. YELLOW DYEWEED.

Plate 30. Fig. 4.

Character of the Species.

Croton Flavens.

The Leaves are hearted, oblong, and undivided, and woolly.

Fig. 4. *ab*.

THIS is a Biennial, native of Jamaica; a bushy Plant of three foot high, flowering in July. The Stem is pale; the young Shoots and Leaves are of a white woolly aspect; the Flowers are yellowish.

8. SPEAR-

2



1
Turnsole Dyeweed



2
Glandular Dyeweed



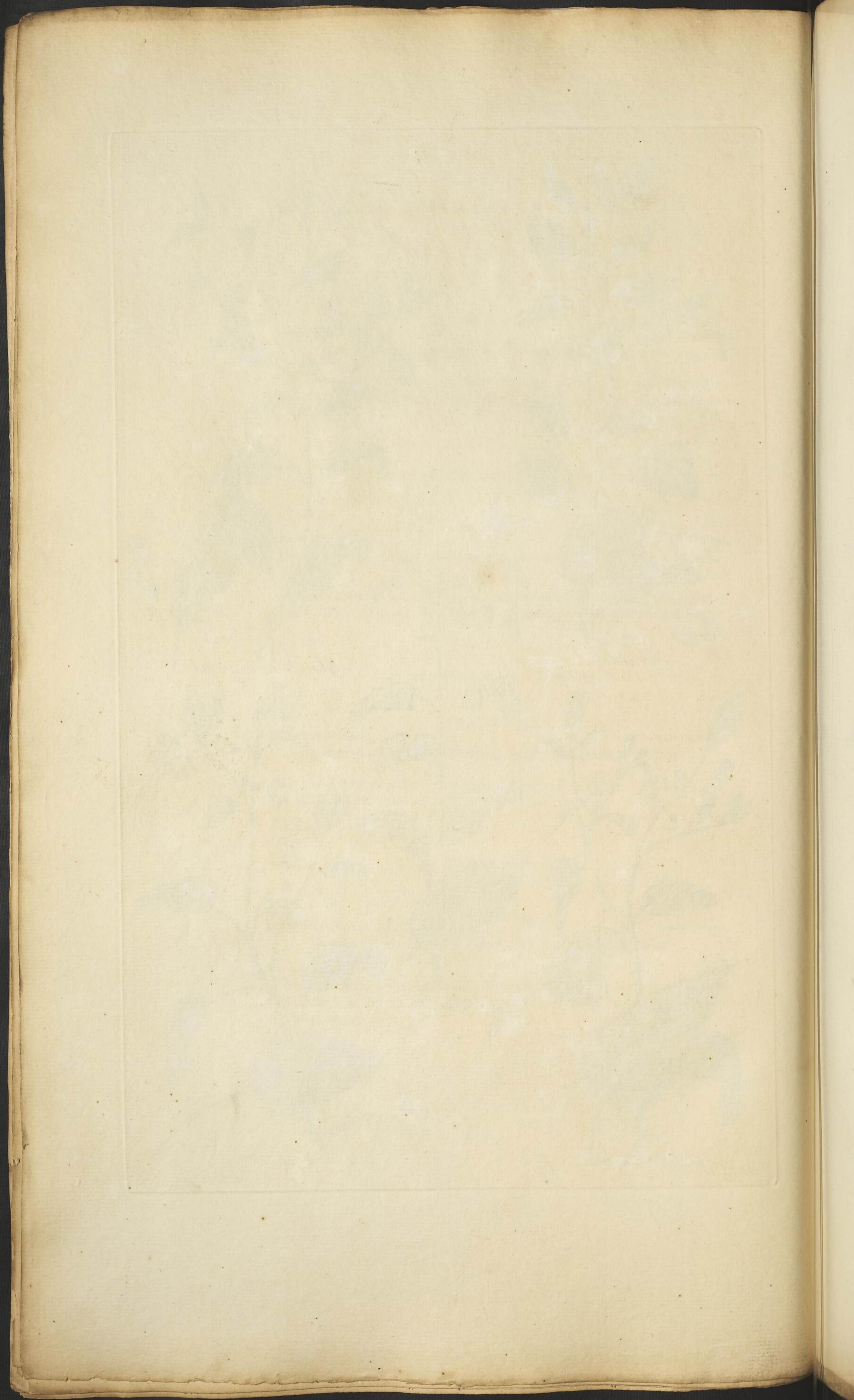
4
Woolly Dyeweed

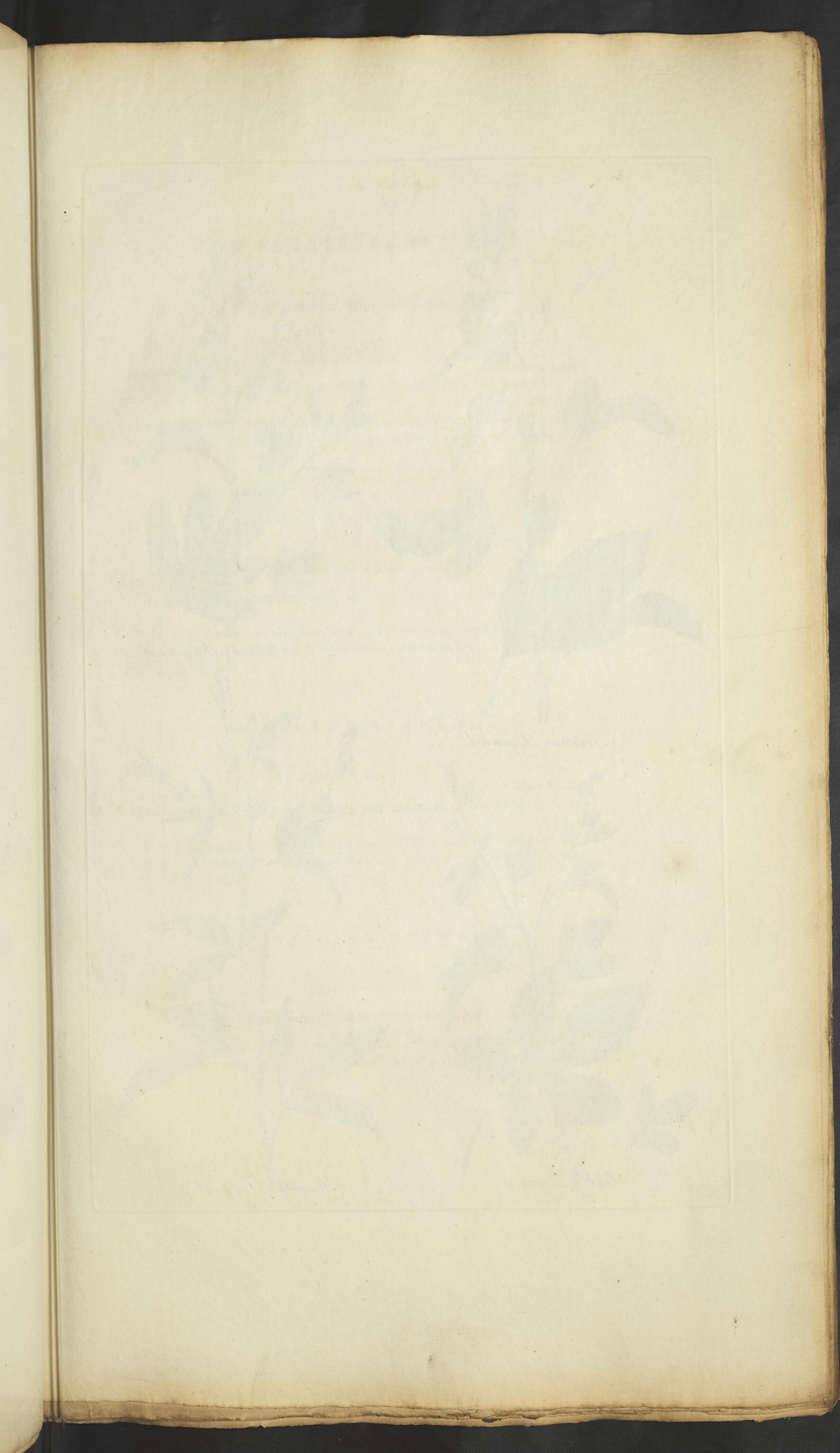


3
Silver Dyeweed



5
Cerellan Dyeweed







1
Trilobate Dyeweed



2
Palmated Dyeweed



3
Prickly Dyeweed



4
Stinging Dyeweed

8. SPEAR-LEAVED DYEWEED.

Plate 31. Fig. 1.

Character of the Species.

Croton Hastatum.

The Leaves are spear-shaped, with three divisions, and serrated.

Fig. 1. a b.

THIS is a Biennial, native of the East-Indies; a Plant of two foot and a half high, flowering in June. The Stalk is brown; the Leaves are of a dead green; the Flowers are white.

9. LOBATED DYEWEED.

Plate 31. Fig. 2.

Character of the Species.

Croton Lobatum.

The lower Leaves have five lobes, the upper three, and they are dented.

Fig. 2. a b.

THIS is an Annual, native of Vera Cruz; a Plant of two foot and a half high, flowering in August. The Stalk is of a dusky brown; the Leaves are of a dead green; the Flowers are white.

10. THORNY DYEWEED.

Plate 31. Fig. 3.

Character of the Species.

Croton Spinofum.

The Leaves are prickly at the edges, and composed of five or three parts.

Fig. 3. a b.

THIS is a Biennial, native of the East-Indies; a Plant of three foot high, flowering in August. The Stalk is of a dull green; the Leaves are of a bright and pleasing green; the Flowers are white.

11. STINGING DYEWEED.

Plate 31. Fig. 4.

Character of the Species.

Croton Urens.

The Leaves stand by threes, and sting.

Fig. 4. a b.

THIS is an Annual, native of the East-Indies; a Plant of three foot high, flowering in June. The Stalk is yellowish; the Leaves are of a fresh green; the Flowers are white.

GENUS

G E N U S - II.

P I O N Y.

Plate 32.

Character of the Genus.

The C U P is unequal ; its Leaves are rounded and hollowed.

The F L O W E R stands hollow ; the Petals are egg-shaped, but short.

The C A P S U L E S stand open and turn back ; they are oval.

Plate 32. *a b c d e.*

1. B R O A D P I O N Y.

Plate 32: Fig. 1.

Character of the Species.

Pæonia Officinalis.

The Leaves are doubly pinnated, and the Leaflets are oblong and broad.

Fig 1. *a b.*

THIS is a Perennial, native of Swifferland ; a very beautiful Plant in the woods there, as well as in our gardens ; it grows to two foot and a half high, and flowers in June. The Stalk is of a ruddy brown ; the Leaves are of a fresh and fine green ; the Flowers are of a deep crimson.

2. F I N E - L E A V ' D P I O N Y.

Plate 32. Fig. 2.

Character of the Species.

Pæonia Tenuifolia.

The Leaves are doubly winged ; the Leaflets linear, and subdivided.

Fig. 2. *a b.*

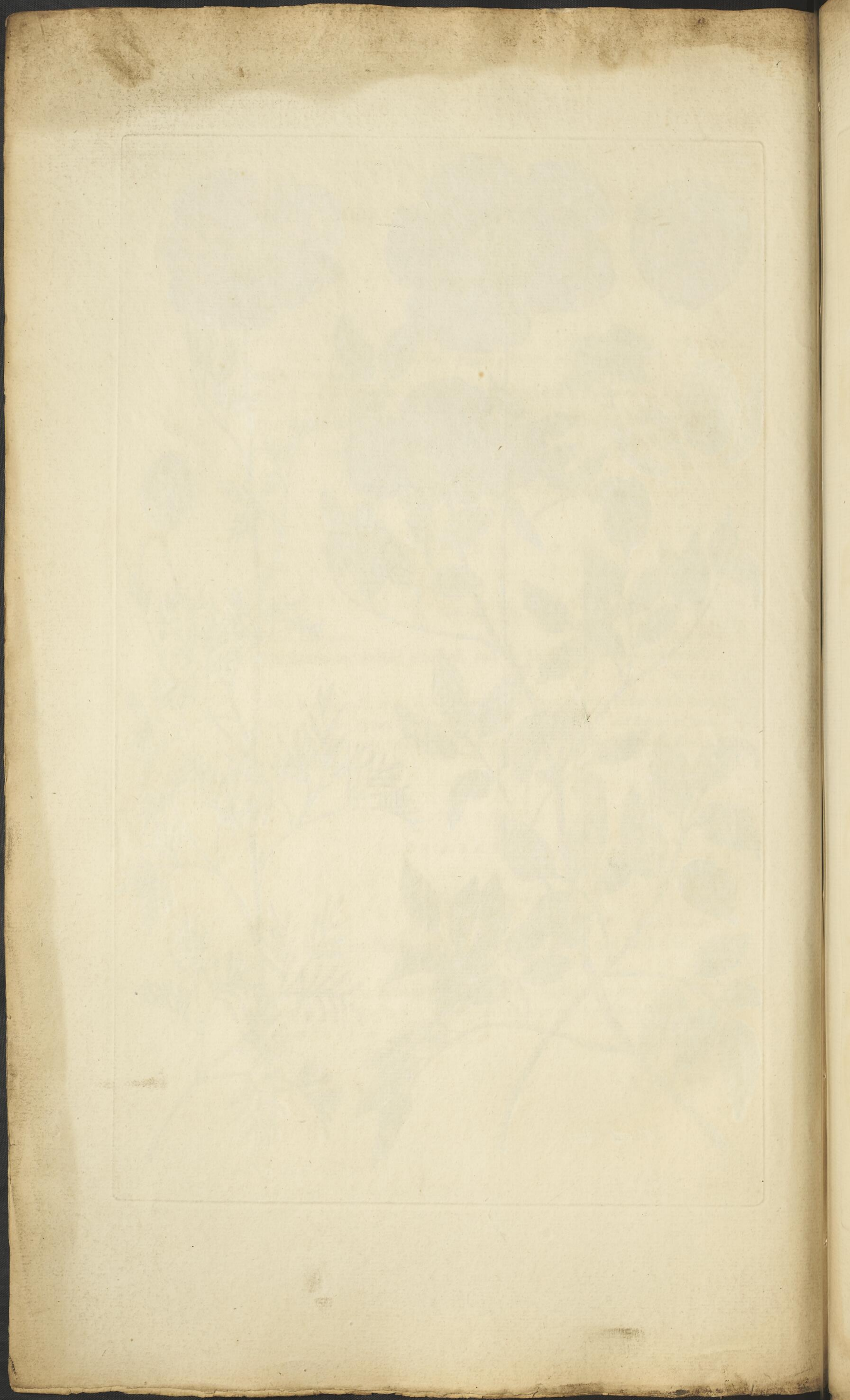
THIS is a Perennial, native of the North of Europe ; a Plant of a foot and half high, flowering in July. The Stalk is brown ; the Leaves are of a light pleasant green ; the Flowers are pale crimson.

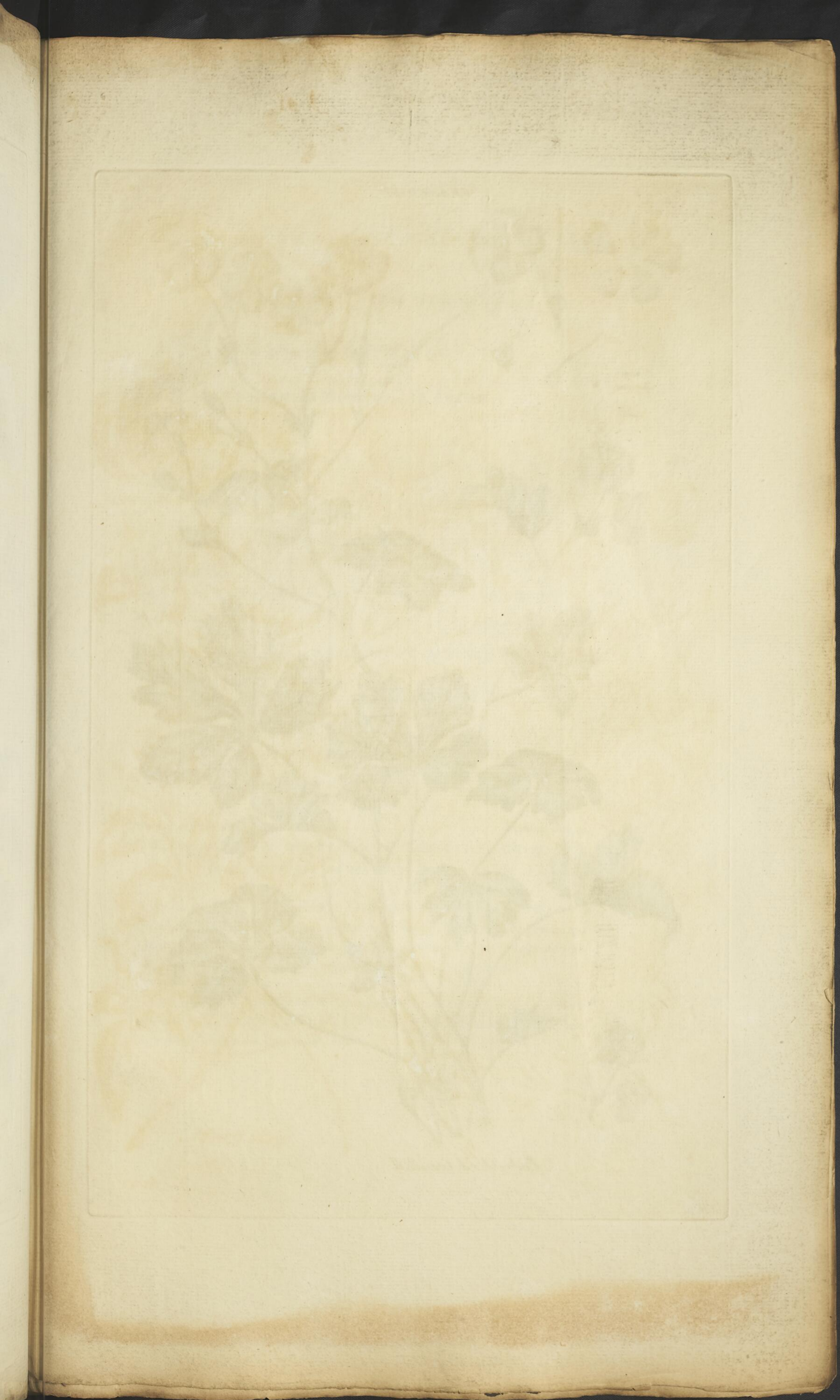


Generic Character.

Broad Piony

Fine leaved Piony







Generic
Character

Embroider'd Cranebill.

T R I B E the S E C O N D.

O R D E R the T H I R D.

Pentapetalous Plants, with five Capsules.

G E N U S I.

C R A N E B I L L.

Plate 33.

Character of the Genus.

The C U P is permanent ; its Leaves are egg-shaped, and hollowed.

The F L O W E R spreads ; its Petals are oval, and in some species unequal.

The C A P S U L E S form a pentangular fruit, like a long, bird's beak.

Plate 33. *abcde.*

I. E M B R O I D E R E D C R A N E B I L L.

Plate 33. Fig. 1.

Character of the Species.

Geranium Striatum.

The Leaves are of five Lobes, broad in the middle ; the Flowers grow two upon a foot-stalk, and are veined like needlework. Fig. 1. *ab.*

THIS is a Perennial, native of Italy ; a Plant of singular beauty ; it grows to two foot high, branchy, weak, and spreading, and flowers in May. The Stalk is pale green, tinged with brown ; the Leaves are of a fresh green, marked with brown at the bases of the divisions ; the Flowers are white, covered with reticulated veins of crimson.

This Embroidery of the Flower is not particular to the present species of Geranium, though most eminent in it : our Lancashire Bloody Cranebill, to be named hereafter, has it very finely ; though not equal to the present.

2. TUBEROUS CRANEBILL.

Character of the Species.

Plate 34. Fig. 1.

Geranium Tuberosum.

The Flowers grow two on a foot-stalk; the Leaves are fingered, cut, and obtuse.

Fig. 1. *ab*.

THIS is a Perennial, native of our woods; but scarce; in Italy most common: It is a singular and pretty Plant of ten inches high, but weak; and flowers in August. The Stalk is pale; the Leaves are of a faint and faded green, but glossy; the Flowers are crimson.

3. LONG-ROOTED CRANEBILL.

Plate 34. Fig. 2.

Character of the Species.

Geranium Macrorhizon.

The Flowers stand by twos, and have a long pointal; the Cup is bloated.

Fig. 2. *abc*.

THIS is a Perennial, native of Italy; a pretty Plant of a foot high, flowering in June. The Stalk is brown; the Leaves are of a faint but pleasing green; the Flowers pale crimson.

4. DARK CRANEBILL.

Plate 34. Fig. 3.

Character of the Species.

Geranium Phæum.

The Flowers stand by twos; the Leaves are alternate; the Cups are bearded; the Petals are uneven.

Fig. 3. *abc*.

THIS is a Perennial, native of our Northern mountains; a Plant of two foot high, flowering in July. The Stalk is greyish; the Leaves are of a light green; the Flowers are of a deep purple, and, when in unshaded places, almost black.

5. KNOTTY CRANEBILL.

Plate 34. Fig. 4.

Character of the Species.

Geranium Nodosum.

The Flowers grow by twos; the Leaves stand by fives, and threes; they are ferrated, and the upper ones have no foot-stalks.

Fig. 4. *ab*.

THIS is a Perennial, native of our Northern cool and shaded rocks; a weak Plant of ten inches high, flowering in July. The Stalk is crimson, thick, juicy, and jointed; the Leaves are of a fresh, but not strong green; the Flowers are red.

2

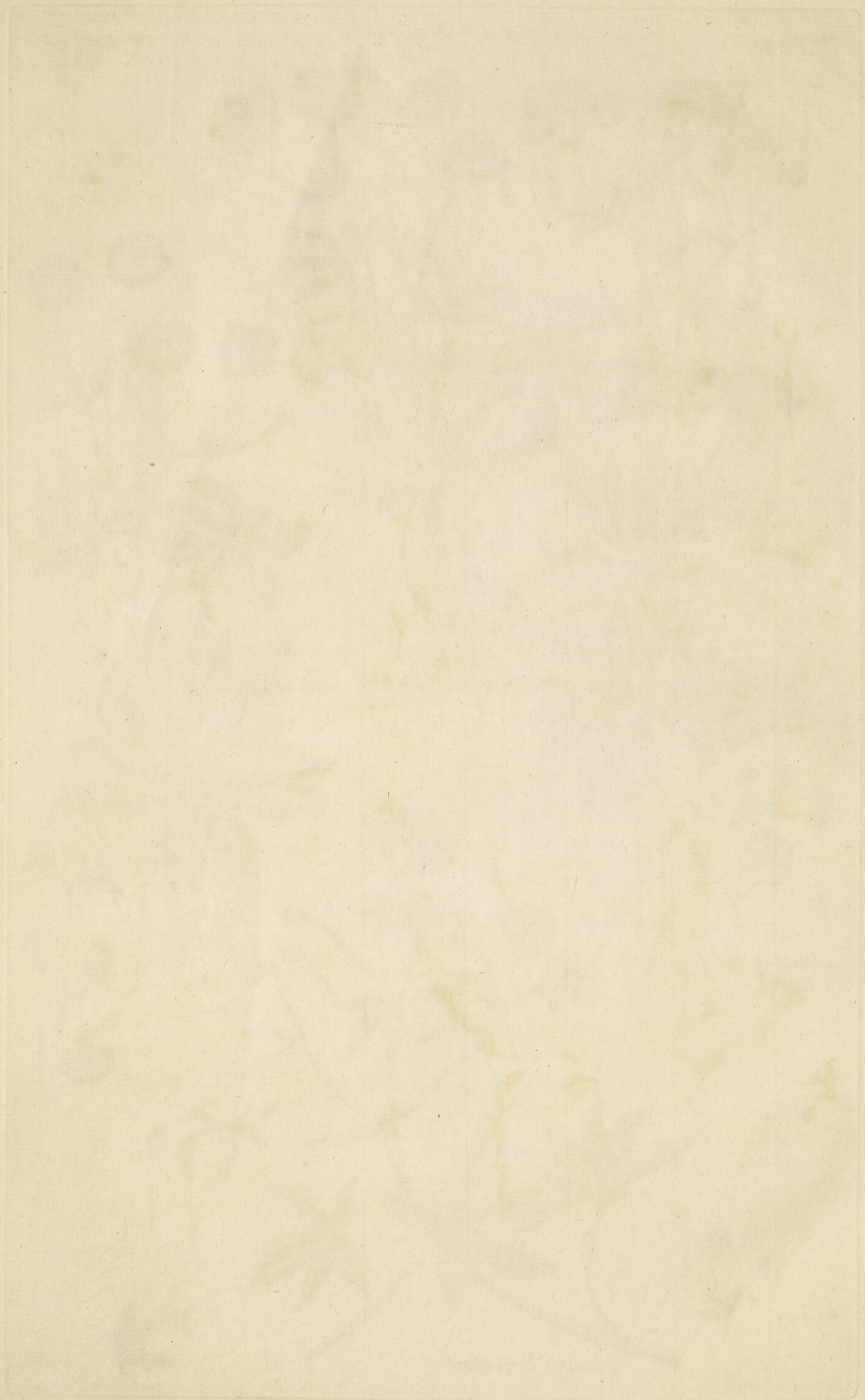


1
Taberous Cranebell

2
Longrooted Cranebell

3
Dark Cranebell

4
Knotty Cranebell







Growfoot Cranebill.

Marsh Cranebill.

6. CROWFOOT CRANEBILL.

Plate 35. Fig. 1.

Character of the Species.

Geranium Sylvaticum.

The Flowers grow two upon a foot-stalk ; the Leaves have their foot-stalks almost in the centre ; they are composed of five deep-divided lobes : the Stalk is erect.

Fig. 1. *a b c.*

THIS is a Perennial, native of our high and somewhat moist grounds ; a Plant of extreme beauty, flowering in June. The Stalk is pale ; the Leaves are of a faint but pleasing green ; the Flowers are of a perfectly fine blue ; but sometimes white, sometimes striped of blue and white, and sometimes with a tinge of crimson.

7. MARSH CRANEBILL.

Plate 35. Fig. 2.

Character of the Species.

Geranium Palustre.

The Flowers stand by twos, upon very long foot-stalks, the Leaves are cut into five broad ferrated lobes, and are white underneath. Fig. 2. *a b.*

THIS is a Perennial, native of Germany, and other parts of the North of Europe ; a weak but very beautiful Plant of a foot high, flowering in July. The Stalk is of a dusky green ; the Leaves are of a very dark green above, and white below ; the Flowers are of a bright crimson.

8. MEADOW

8. MEADOW CRANE B I L L.

Plate 36. Fig. 1.

Character of the Species.

Geranium Pratense.

The Flowers stand by twos; the Stalk of the Leaf is near its centre; the Leaves are finger'd, deep cut, and rugged; the Petals are entire.

Fig. 1. a b c.

THIS is a Perennial, native of the meadow grounds of Germany; an elegant Plant of a foot and half high, flowering in July. The Stalk is green; the Leaves are of a fresh and fine green; the Flowers are of a celestial blue.

9. SILVER CRANE B I L L.

Plate 36. Fig. 2.

Character of the Species.

Geranium Argenteum.

The Flowers stand by twos; the Leaves are inserted on the foot-stalks near the middle; they are seven-fingered, doubly pinnatifid, and cut in threes at the end; the Petals are nipped.

Fig. 2. a b c.

THIS is a Perennial, native of the highest mountains in Europe; a very beautiful Plant of a foot high, flowering in July. The Stalk is grey; the Leaves are silvery; the Flowers are of a very delicate red, with a tint of purple.

10. B L O T C H Y CRANE B I L L.

Plate 36. Fig. 3.

Character of the Species.

Geranium Maculatum.

The Stalk is forked; the Flowers grow by twos; the Leaves are deeply cut in five; the segments are deep-flashed and blotchy.

Fig. 3. a b c.

THIS is a Perennial, native of Siberia, and also of North America; a very handsome Plant of a foot and half high, flowering in August. The Stalk is of a good green; the Leaves are of a strong fine green, with streaks and lines of a deep green, laid on variously in stripes, or blotches, or spots; the Flowers are of a very beautiful blue.

11. H E R B

4



Meadow Cranebill.

Silver Cranebill.

Blotchy Cranebill.





5



Flerte Robert Cranebell



Glofry Cranebell



Black beaked Cranebell

Vol 15



Soft Cranebell

11. HERB ROBERT CRANEBILL.

Plate 37. Fig. 1.

Character of the Species.

Geranium Robertianum.

The Flowers stand two upon a Stalk; the Cups have ten ribs, and are hairy.

Fig. 1. a b.

THIS is an Annual, native of our hedge bottoms; a weak and straggling Plant of ten inches high, flowering in July. The Stalk is red: the Leaves are pale green, and hairy; often brown, or red: the Flowers are of a bright red.

12. GLOSSY CRANEBILL.

Plate 37. Fig. 2.

Character of the Species.

Geranium Lucidum.

The Flowers grow two on a foot-stalk; the Cups are pyramidal and ribbed; the Stalks thicken at the joints; the Leaves are glossy.

Fig. 2. a b c.

THIS is an Annual, native of our moist rocky hills, but not common; it grows to a foot high; and flowers in August. The Stalks are red; the Leaves are of a fine shining green; the Flowers are of a bright and fine crimson.

13. BLACK-BEAK'D CRANEBILL.

Plate 37. Fig. 3.

Character of the Species.

Geranium Bohemicum.

The Flowers stand two upon a Stalk; the Leaves are cut deep into five lobes; the Petals are nipped; the fruit is hairy.

Fig. 3. a b c.

THIS is an Annual, native of Bohemia; a singular and pretty Plant of a foot high, flowering in August. The Stalk is pale; the Leaves are of a fresh green; the Flowers are of a very fine purple.

14. SOFT CRANEBILL.

Plate 37. Fig. 4.

Character of the Species.

Geranium Molle.

The Flowers grow two upon a Stalk; the Flower Leaves are alternate; the Cups are naked; the Stalk is branchy.

Fig. 4. a b c.

THIS is an Annual, native of France and Italy; a Plant of a foot and half high, flowering in July. The Stalk is pale; the Leaves are of a soft and delicate green, downy and tender; the Flowers are pale purple.

15. DEEP-CUT CRANEBILL.

Plate 38. Fig. 1.

Character of the Species.

Geranium Dilectum.

Two Flowers grow on a foot-stalk; the Leaves are fingered, and have fifteen segments; the Petals are nipped; the fruit is hairy. Fig. 1. *abc*.

THIS is an Annual, native of our hedges and pasture-grounds; a Plant of two foot high, but weak; it flowers in July. The Stalk is of a dull green, tinged at the joints with a ruddy brown; the Leaves are of a fresh green; the Flowers are of a lively red.

16. HARSH-CUP'D CRANE-BILL.

Plate 38. Fig. 2.

Character of the Species.

Geranium Carolinianum.

The Flowers grow two upon a stalk; the Leaves are multfid; the Cups are bearded; and the Fruit is hairy. Fig. 2. *abc*.

THIS is an Annual, native of Carolina and Virginia; a Plant of two foot high, flowering in August. The Stalk is pale; the Leaves are of a blueish green; the Flowers are rose-coloured.

17. SPREADING CRANEBILL.

Plate 38. Fig. 3.

Character of the Species.

Geranium Columbinum.

The Stalk leans and spreads; the Leaves are of five Lobes, deeply divided; the Flowers grow two on a foot-stalk; the Cups are hairy. Fig. 3. *abc*.

THIS is an Annual, native of our dry grounds; a Plant that spreads to a foot or more in length, and flowers in July. The Stalk is tinged with brown; the Leaves are of a faint but pleafant green; the Flowers are rose-coloured.

18. PINNA-



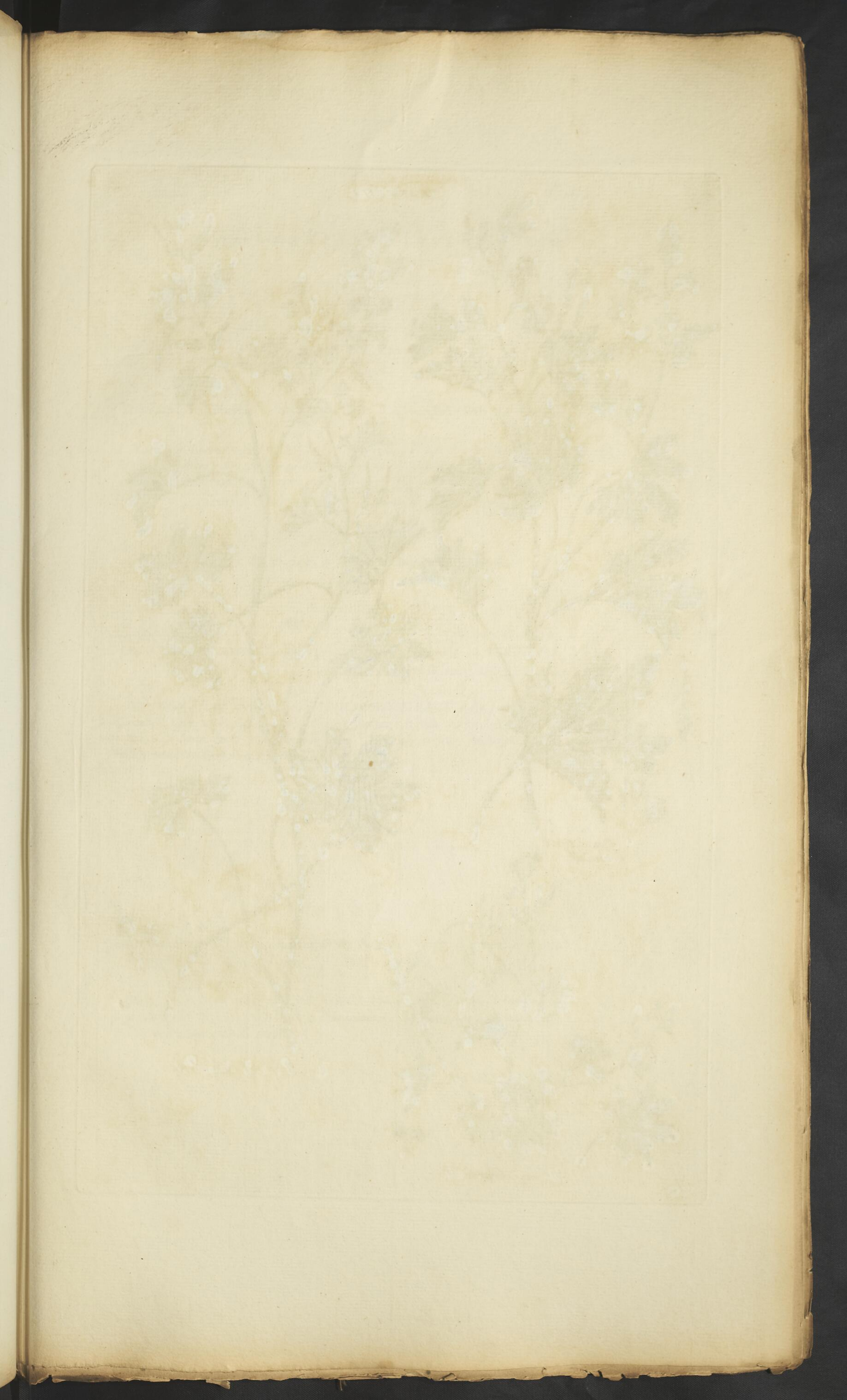
Deep cut Cranebill.

Harsh cupid Cranebill.



Spreading Cranebill.





7



Pinnectifed Cranebill.

Round leav'd Cranebill.

Dwarf Cranebill.

18 PINNATIFID CRANEBILL.

Plate 39. Fig 1.

Character of the Species.

Geranium Incanum.

The Leaves are fingered, but run out into length; the Cups are bearded.

Fig. 1. *abc.*

THIS is an Annual, native of the Cape of Good Hope; a Plant of a foot and half high, flowering in June. The Stalk is pale; the Leaves are of a dull but strong green, and pale and downy underneath; the Flowers are of a light pleasing purple.

19. ROUND-LEAV'D CRANEBILL.

Plate 39. Fig. 2.

Character of the Species.

Geranium Rotundifolium.

The Leaves are rounded, kidney-shaped, and deep cut in five or seven parts; the Flowers stand by twos; the Petals are obtuse. Fig. 2. *ab.*

THIS is an Annual, native of our pasture-grounds and road-sides; the true Dovesfoot Cranebill, though that name has been applied to others; it grows to two foot high, with a weak and tender Stalk, and flowers in June. The Stalk is pale; the Leaves are of a faint green; the Flowers are of a blueish purple.

20. DWARF CRANEBILL.

Plate 39. Fig. 3.

Character of the Species.

Geranium Puffillum.

The Leaves are kidneyed, and fingered, with sharp segments; the Flowers stand by twos; the Petals are split. Fig. 3. *abc.*

THIS is an Annual, native of our old walls and barren hills; a Plant of four inches high, flowering in July. The Stalk is olive-coloured; the Leaves are of a dull green; the Flowers are of a blueish purple.

21. HEMLOCK CRANEBILL.

Plate 40. Fig. 1.

Character of the Species.

Geranium Cicutarium.

The Flowers grow many on a foot-stalk; the Leaves are winged; and the Leaflets deeply jagged.

Fig. 1. a b.

THIS is an Annual, native of our ditch-banks; a Plant of a foot long, but leaning; it flowers in June. The Stalk is tinged with brown; the Leaves are of a pale but pleasing green; the Flowers are of a light crimson.

22. MUSK CRANEBILL.

Plate 40. Fig. 2.

Character of the Species.

Geranium Moschatum.

The Flowers stand many on a stalk; the Leaves are winged; and the Leaflets only dented.

Fig. 2. a b.

THIS is an Annual, native of our waste grounds; but not common: it grows to a foot or more in length, but leaning; and flowers in July. The Stalk is pale; the Leaves are of a pleasing green; the Flowers are of a light crimson.

23. VARIOUS-LEAV'D CRANEBILL.

Plate 40. Fig. 3.

Character of the Species.

Geranium Chium.

The Flowers stand many on a foot-stalk; the lower Leaves are hearted, and cut in; the upper ones pinnatifid, with a large end.

Fig. 3. a b c.

THIS is an Annual, native of the Greek Islands; a little Plant scarce six inches high, flowering in August. The Stalk is greyish; the Leaves are of a light, pleasing green; the Flowers are rose-coloured.

24. SEA CRANEBILL.

Plate 40. Fig. 4.

Character of the Species.

Geranium Maritimum.

The Flowers stand three or four on a foot-stalk; the Stalk leans; the Leaves are hairy, hearted, and cut in.

Fig. 4. a b c.

THIS is an Annual, native of our sea-coasts; a pretty little Plant of five inches long, flowering in August. The Stalk is tinged with brown; the Leaves are of a very pale green; the Flowers are of a light crimson.

25. MALA-



1
Hemlock Cranebell



2
Musk Cranebell



3
Variouſleaved Cranebell
Vol 15



4
Sea Cranebell







25. MALACOIDE CRANEBILL.

Plate 41. Fig. 1.

Character of the Species.

Geranium Malacoides.

The Flowers grow many on a Stalk ; the Leaves are hearted and lobated.

Fig. 1. *a b.*

THIS is an Annual, native of our sea-coasts ; a very fine Plant, and very various in its aspect, as more or less nourished and sheltered ; a robust Plant of a foot and half high ; or weak and straggling, hardly rising from the ground : it flowers in July. The Stalk is of a strong green ; the Leaves, which is unusual, are of a lighter green, very soft and delicate ; the Flowers are pale crimson.

26. GLAUCOUS CRANEBILL.

Plate 41. Fig. 2.

Character of the Species.

Geranium Glaucophyllum.

The Flowers grow many on a Stalk ; the Leaves are oval, hearted, dented, and veined.

Fig. 2. *a b.*

THIS is an Annual, native of Ægypt ; a very handsome Plant of a foot high, flowering in July. The Stalk is grey ; the Leaves are of a blueish green ; the Flowers are of a fine crimson.

27. NAKED CRANEBILL.

Plate 41. Fig. 3.

Character of the Species.

Geranium Arduinum.

The Flowers stand three or four upon a foot-stalk ; the Leaves are hearted, and deep cut into five Lobes ; the Flower-stalks are naked.

Fig. 3. *a b c.*

THIS is a Perennial, native of the Cape of Good Hope, a very handsome Plant of eight inches high, flowering in June. The Stalk is tinged with brown ; the Leaves are of a fine fresh green ; the Flowers are of a beautiful rose-colour.

28. LONG-BEAK'D CRANEBILL.

Plate 42. Fig. 1.

Character of the Species.

Geranium Gruinum.

The Leaves are composed of three lobes, and cut; the Flowers stand several on a foot-stalk.

Fig. 1. *a b.*

THIS is an Annual, native of the Greek Islands; a very handsome Plant of a foot and half high, flowering in August. The Stalks are of a pale olive-colour; the Leaves are of a faint green: the Flowers are naturally purple; sometimes crimson, or white.

29. CORIANDER CRANEBILL.

Plate 42. Fig. 2.

Character of the Species.

Geranium Ciconium.

The Flowers grow several upon a foot-stalk; the Leaves are veiny, and the Leaflets pinnatifid.

Fig. 2. *a b.*

THIS is an Annual, native of France and Italy; a Plant of a foot and half high, flowering in June. The Stalk is weak, though thick; its colour a pale green; the Leaves are of a faint and dead green; the Flowers are purple.

30. WHITE CRANEBILL.

Plate 42. Fig. 3.

Character of the Species.

Geranium Argenteum.

The Flowers stand two on a foot-stalk; the Leaves are of seven parts, cut deep, and have the foot-stalk near the centre.

Fig. 3. *a b.*

THIS is a Perennial, native of Mount Baldus; a little, but extremely pretty Plant, scarce six inches high, and flowering in July. The Stalks are grey; the Leaves are of a silvery white; the Flowers are of a light rose-colour.



Long beakd Cranebell

Coriandor Cranebell

White Cranebell







Bloody Cranebill.

Painted Cranebill.

Golden Cranebill.

31. PAINTED CRANEBILL.

Plate 43. Fig. 1.

Character of the Species.

Geranium Sibiricum.

The Flowers stand one, or rarely two, on a foot-stalk; the Leaves are five-fingered, and the segments are deeply gashed. Fig. 1. *a b*.

THIS is a Perennial, native of Siberia; a very elegant Plant of a foot high, but weak: it flowers in July. The Stalk is pale; the Leaves are of a greyish green; the Flowers are of a very pale blossom-colour; sometimes perfectly white in the ground, but very delicately veined with crimson.

32. BLOODY CRANEBILL.

Plate 43. Fig. 2.

Character of the Species.

Geranium Sanguineum.

The Flowers stand only one upon a foot-stalk; the Leaves are cut deep into five parts, and each again into three. Fig. 2. *a b*.

THIS is a Perennial, native of our high pastures in the North of England; a low and little, but very beautiful Plant, flowering in June, July, and August. The Stalk is brownish; the Leaves are of a fresh green; the Flowers are blood red; often striped very beautifully.

33. GOLDEN CRANEBILL.

Plate 43. Fig. 3.

Character of the Species.

Geranium Grandiflorum.

The Stem is woody; the Flowers stand singly; the Leaves are multifid and linear. Fig. 3. *a b c*.

THIS is a Perennial, native of the Cape of Good Hope; a very beautiful as well as singular Plant, flowering in August. The Stem is brown; the young Shoots are green; the Leaves are of a light pleasing green; the Flowers are yellow.

G E N U S II.

C A L T R O P.

Plate 44.

Character of the Genus.

The C U P spreads open ; its Leaves are lanced and obtuse.

The F L O W E R spreads open ; its Petals are egg-shaped.

The C A P S U L E S are thorny.

Plate 44. *a b c d e.*

1. S W E E T C A L T R O P.

Plate 44. Fig. 1.

Character of the Species.

Tribulus Maximus.

The Leaf is winged, with about four pairs of Leaflets ; the outer ones largest.

Fig. 1. *a b.*

THIS is an Annual, native of Jamaica ; a Plant of two foot high, flowering in May. The Stalk is weak and green ; the Leaves are of a deep green ; the Flowers are of a pale yellow, and sweet-scented.

2. D O W N Y C A L T R O P.

Plate 44. Fig. 2.

Character of the Species.

Tribulus Lanuginosus.

The Leaves are downy ; and winged, with five pairs of Leaflets, all of a size.

Fig. 2. *a b.*

THIS is an Annual, native of Ceylon ; a very pretty Plant of a foot high, flowering in August. The Stalk is weak and greyish ; the Leaves are of a faint pale green ; the Flowers are of a fine full yellow.

3. F O U R - H O R N ' D C A L T R O P.

Plate 44. Fig. 3.

Character of the Species.

Tribulus Terrestris.

The Leaves are winged, with six pairs of Leaflets, nearly of a size.

Fig. 3. *a b.*

THIS is an Annual, native of Spain and Italy ; a Plant of a foot high, weak and branchy : it flowers in July. The Stalk is greyish ; the Leaves are of a fresh green ; the Flowers are whitish, with a yellow primrose tinge.

4. C I S T I N E C A L T R O P.

Plate 44. Fig. 4.

Character of the Species.

Tribulus Cistoides.

The Leaves are winged, with eight pairs of equal Leaflets ; the Flower turns in.

Fig. 4. *a b.*

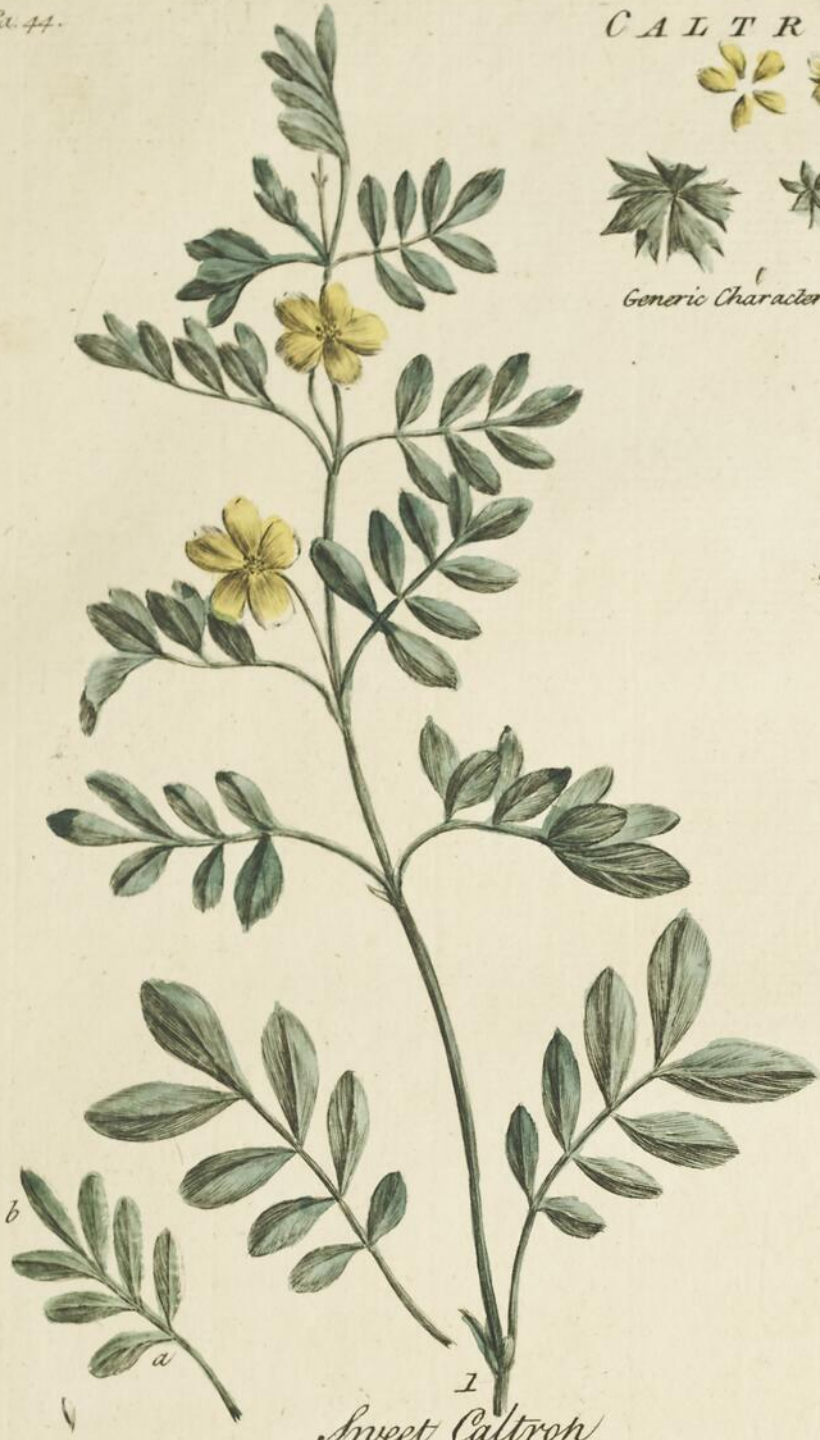
THIS is an Annual, native of Jamaica ; a very noble Plant, though weak and straggling : it grows to two foot and a half high, and flowers in August. The Stalk is dusky ; the Leaves are of a strong fine green ; the Flowers are large and yellow.

G E N U S

CAL TROP.



Generic Character



Sweet Caltrop



Downy Caltrop

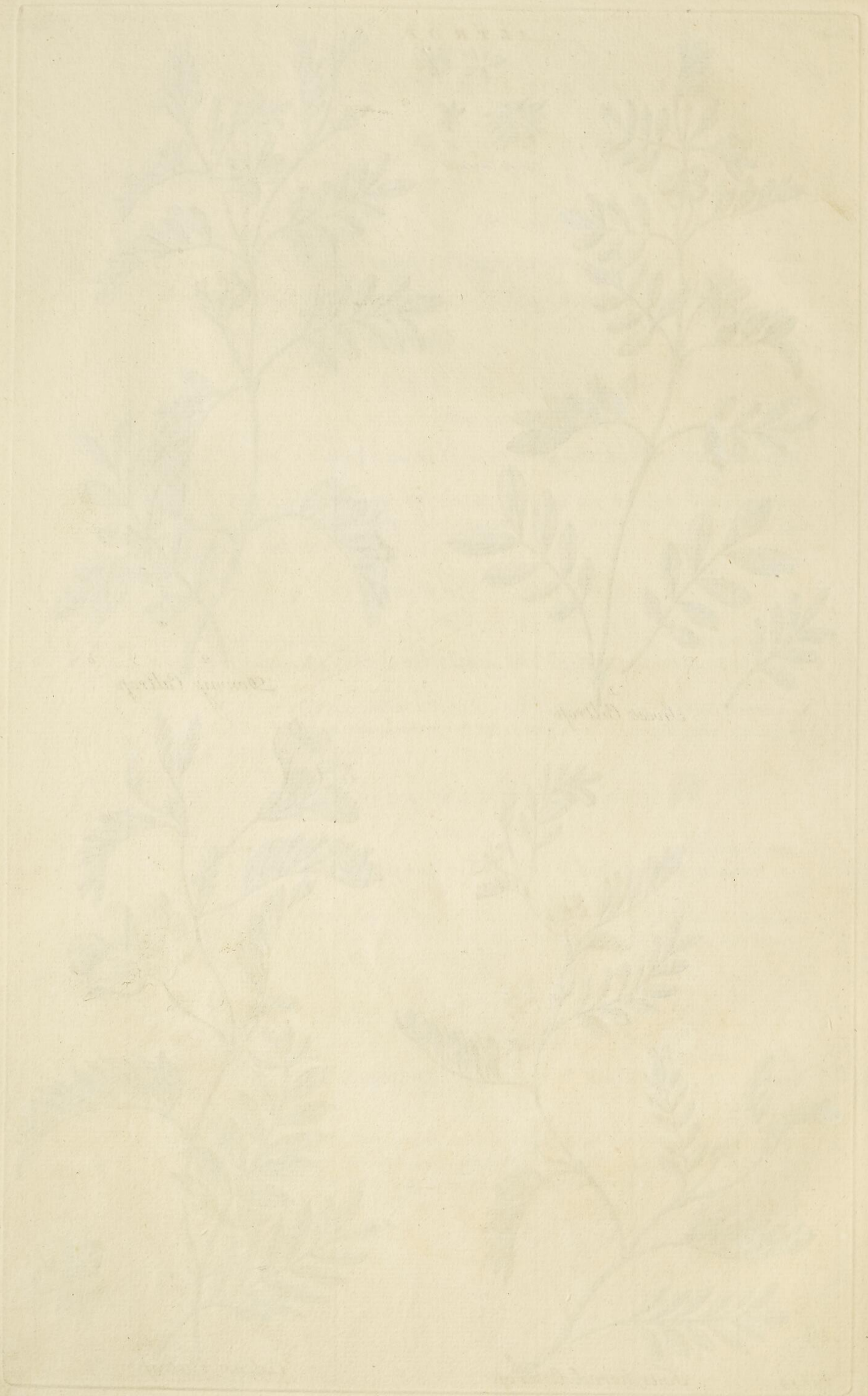


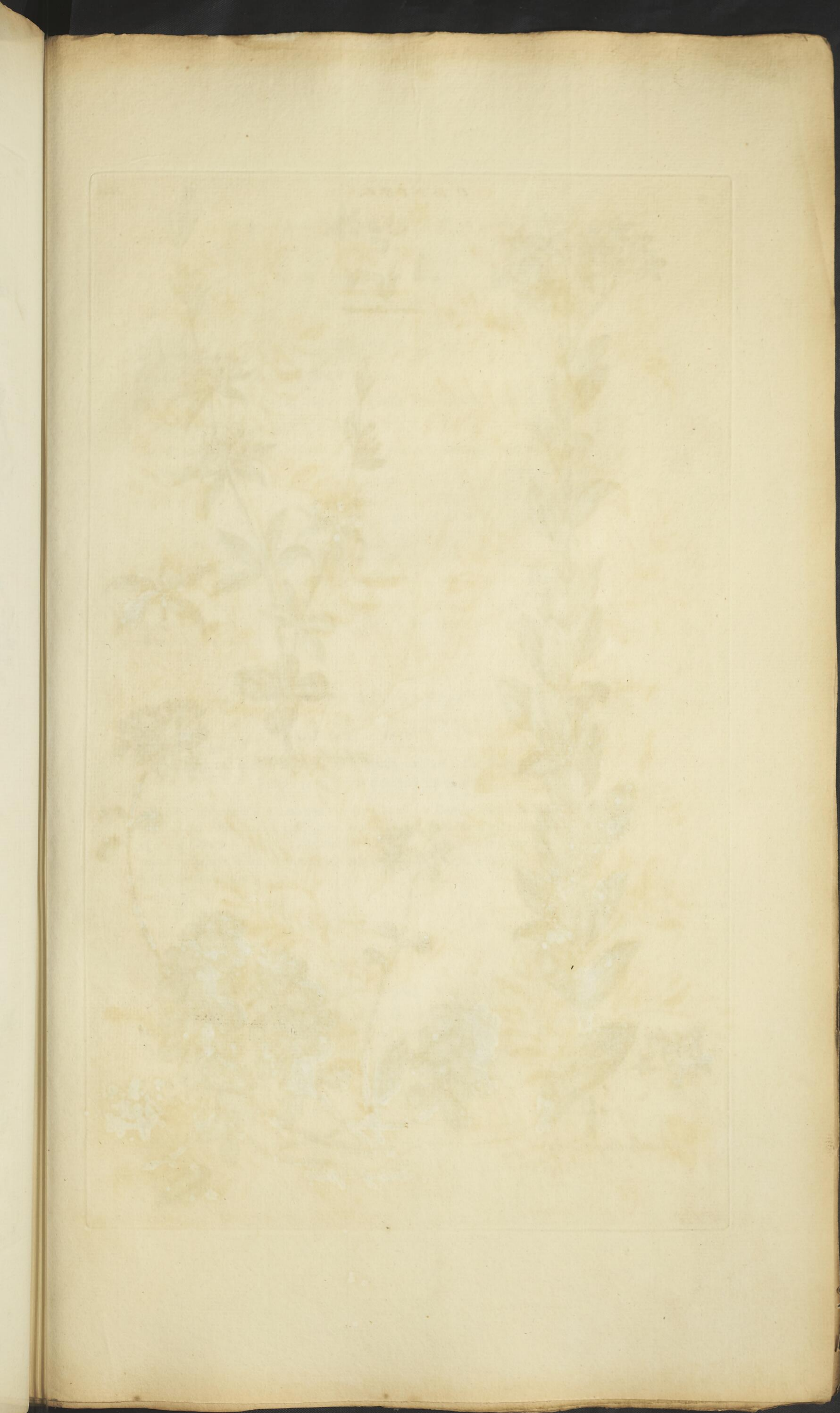
Fourhorned Caltrop



Cistine Caltrop

16615







Generic Character



a
2

Everlasting Orpine



1

Whorly Orpine



3
Leaning Orpine

G E N U S III.

O R P I N E.

Plate 45.

Character of the Genus.

The C U P is hollow, with obtuse Leaves.

The F L O W E R is spread out; the Petals are lanced; and it has five nipped Glands.

The C A P S U L E S are oblong, bloated towards the base, and flatted upwards.

Plate 45. *abcd.*

1. W H O R L Y O R P I N E.

Plate 45. Fig. 1.

Character of the Species.

Sedum Verticillatum.

The Leaves grow four at a joint.

THIS is a Perennial, native of Italy and of Siberia; a low, but singular and pretty Plant, flowering in July. The Stalk is pale; the Leaves are of a good green; the Flowers are of a pale rose-colour.

2. E V E R L A S T I N G O R P I N E.

Plate 45. Fig. 2.

Character of the Species.

Sedum Telephium.

The Leaves are broad, lanced, and lightly dented; the Flowers stand in a clustery tuft, with Leaves intermixed.

Fig. 2. *ab.*

THIS is a Perennial, common on our dry grounds; a Plant of two foot high, flowering in July. The Stalk is ruddy; the Leaves are of a blueish green; the Flowers are of a very beautiful crimson. This Species runs into great variety, in better ground; and people, who have bestowed names upon such accidental changes, have called it by several; as if distinct Species.

3. L E A N I N G O R P I N E.

Plate 45. Fig. 3.

Character of the Species.

Sedum Anacampferos.

The Leaves are wedge-shaped, and undivided.

THIS is a Perennial, native of the Greek Islands; a Plant of ten inches long, but weak, and forming naturally a circle of many Stalks upon the ground. It flowers in August. The Stalk is ruddy; the Leaves are of a greyish green; the Flowers are purple.

G E N U S IV.
S T O N E C R O P.

Character of the Genus.

Plate 46.

The C U P rises, and its segments are narrow and sharp-pointed.

The F L O W E R stands open; the Petals are lanced; and there are five nipped Glands in it.

The C A P S U L E S are oblong, and flattened.

Plate 46. *a b c d e.*

1. E V E R L A S T I N G S T O N E C R O P.

Character of the Species.

Plate 46. Fig. 1.

Sedum Aizoon.

The Leaves are lanced, ferrated, and flat: the Stalk is upright; the Flowers stand at its top.

Fig. 1. *a b c.*

THIS is a Perennial, native of Siberia; a very pretty Plant of seven inches high, flowering in August. The Stalk is reddish; the Leaves are of a fresh pleasing green; the Flowers are yellow.

2. W E D G Y S T O N E C R O P.

Character of the Species.

Plate 46. Fig. 2.

Sedum Hybridum.

The Leaves are wedge-shaped, and hollowed; the Stalk creeps; the Flowers are tufted.

Fig. 2. *a b.*

THIS is a Perennial, native of Tartary; a little, but pretty Plant; it grows to a foot long, and flowers in August. The Stalk is tinged with brown; the Leaves are of a blueish green; the Flowers are crimson.

3. S P A T U L A ' D S T O N E C R O P.

Character of the Species.

Plate 46. Fig. 3.

Sedum Libanoticum.

The Leaves rise in tufts, they are spatula'd, but swell in the middle; the Stalk is naked.

Fig. 3. *a b.*

THIS is a Perennial, native of Palestine; a pretty little Plant of five inches high, flowering in May. The Leaves are of a blueish green; the Stalk is ruddy; the Flowers pale red.

4. S T A R R Y S T O N E C R O P.

Character of the Species.

Plate 46. Fig. 4.

Sedum Stellatum.

The Leaves are angulated, and flat; the Flowers stand singly at the sides.

Fig. 4. *a b.*

THIS is a Perennial, native of Italy and Swisserland; a little pretty Plant of six inches high, flowering in June. The Stalk is of a ruddy brown; the Leaves are pale; the Flowers are white.

5. C E P Æ A N S T O N E C R O P.

Character of the Species.

Plate 46. Fig. 5.

Sedum Cepæa.

The Stalk is branched; the Leaves are flat; the Flowers are clustered.

Fig. 5. *a b.*

THIS is an Annual, native of France and Swisserland; a Plant of six inches high, flowering in July. The Stalk is pale; the Leaves are of a faint and faded green; the Flowers are white.

STONECROP



1
Everlasting Stonecrop



4
Starry Stonecrop



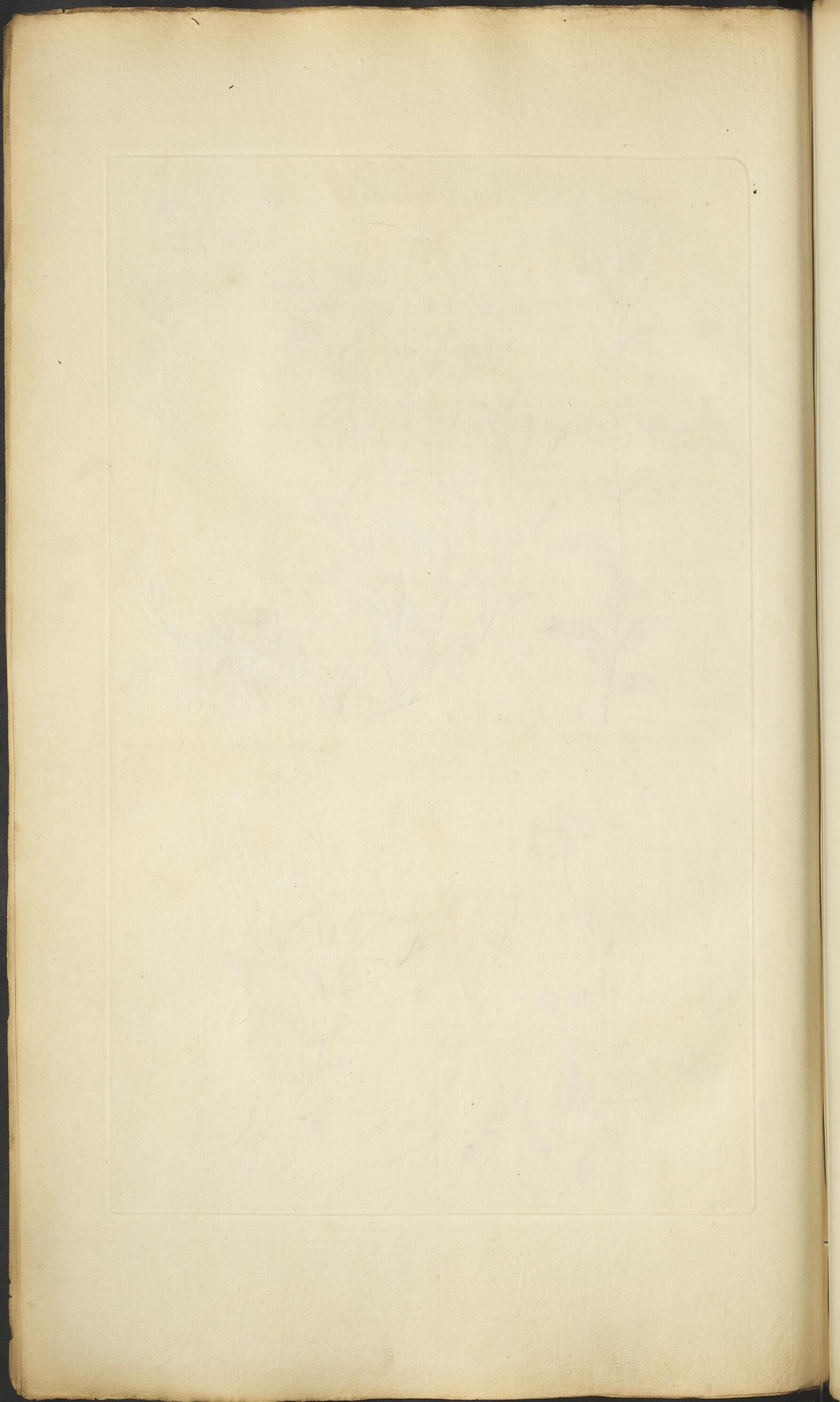
3
Spatulaid Stonecrop

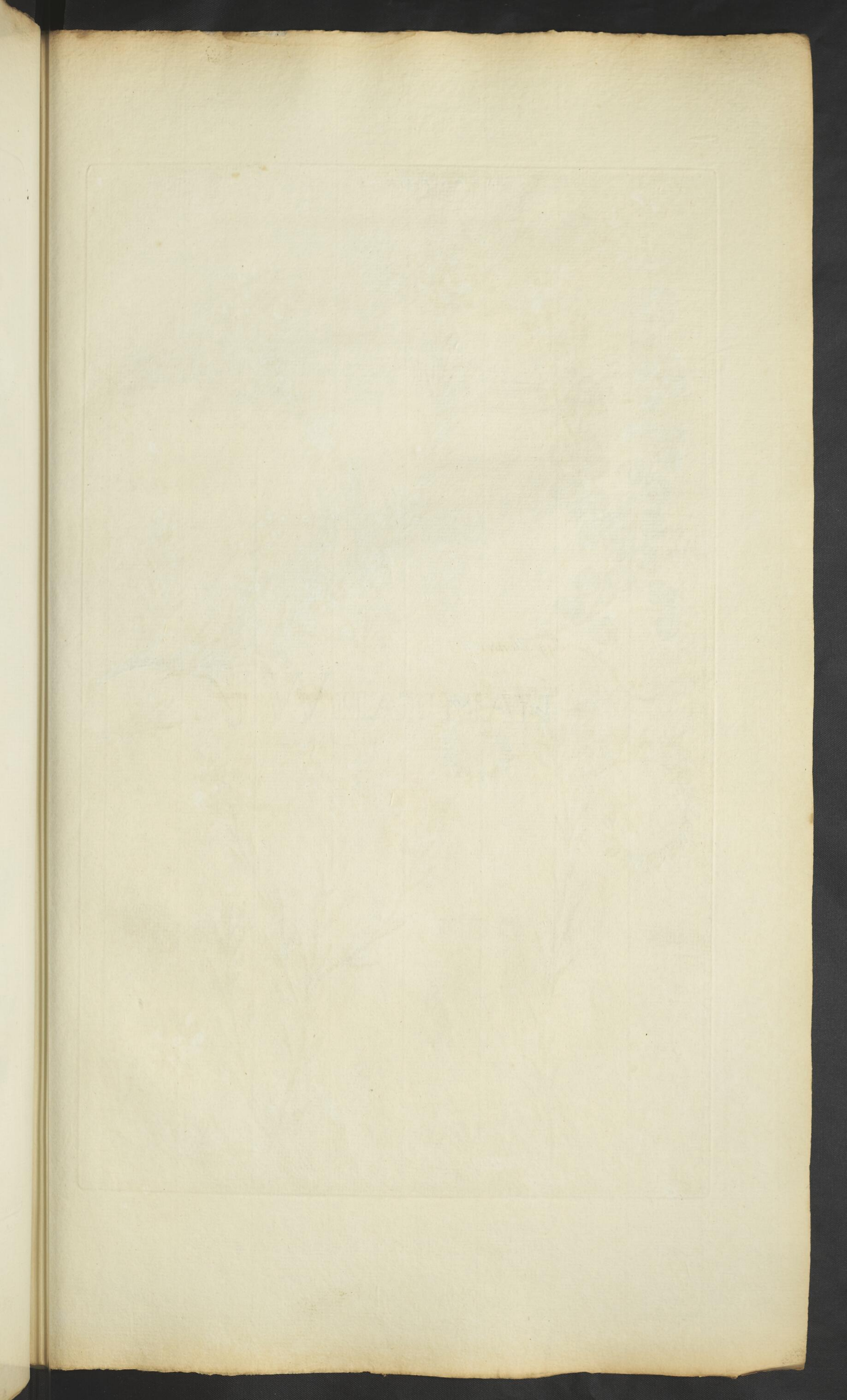


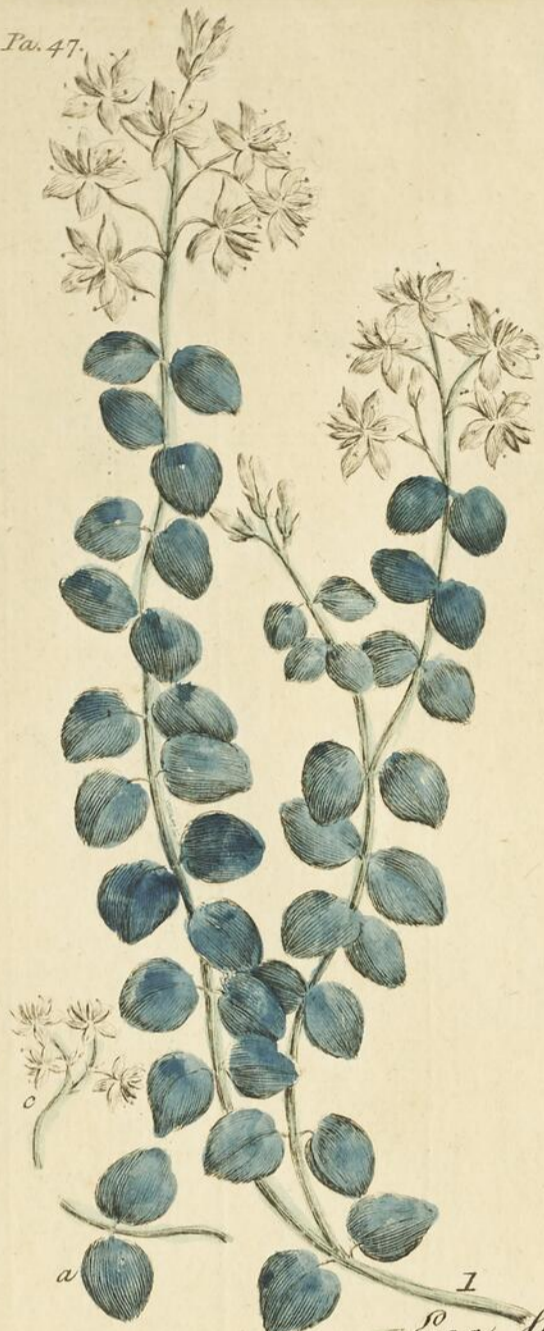
2
Wedgy Stonecrop



5
Capean Stonecrop







1 Egg Stonecrop



3 Rock Stonecrop



2 Reflex Stonecrop



4 Grey Stonecrop

6. EGG STONECROP.

Plate 47. Fig. 1.

Character of the Species.

Sedum Dasphyllum.

The Leaves stand in pairs; they are egg-shaped, obtuse, and fleshy: the Stalk is weak; the Flowers stand loose.

Fig. 1. a b c.

THIS is an Annual, native of Spain and Italy; a Plant of six inches high, flowering in August. The Stalk is grey; the Leaves are of a blueish green; the Flowers are white.

7. REFLEX STONECROP.

Plate 47. Fig. 2.

Character of the Species.

Sedum Reflexum.

The Leaves are awl-shaped, irregularly placed, and loose at the bottom.

Fig. 2. a b.

THIS is a Perennial, native of our rocks and walls; a Plant of eight inches high, flowering in August. The Stalk is pale; the Leaves are of a pale but pleasing green; the Flowers are yellow.

8. ROCK STONECROP.

Plate 47. Fig. 3.

Character of the Species.

Sedum Rupestre.

The Leaves are awl-shaped, and placed by fives; the Flowers are tufted.

Fig. 3. a b c.

THIS is a Perennial, native of Germany; a Plant of six inches high, flowering in July. The Stalk is of a ruddy brown; the Leaves are of a strong but yellowish green; the Flowers are yellow.

9. GREY STONECROP.

Plate 47. Fig. 4.

Character of the Species.

Sedum Hispanicum.

The Leaves are cylindric, and sharp-pointed; those at the root rise in a cluster; the Flowers stand in loose tufts.

Fig. 4. a b c.

THIS is a Perennial, native of Spain; a very pretty Plant of six or eight inches high, flowering in July. The Stalk is tinged with brown; the Leaves are of a light green; the Flowers are white.

10. WHITE

10. WHITE STONECROP.

Plate 48. Fig. 1.

Character of the Species.

Sedum Album.

The Leaves are oblong, obtuse, cylindric, and fleshy; and they stand out from the stalk without foot-stalks: the Flowers are in a loose spike.

Fig. 1. *abc.*

THIS is a Perennial, native of our dry rocky hills and old walls; a Plant of eight inches high, flowering in August. The Stalk is crimson; the Leaves are of a fresh pleasing green; the Flowers are white.

11. CRIMSON STONECROP.

Plate 48. Fig. 2.

Character of the Species.

Sedum Rubens.

The Leaves are oblong, fleshy, flattened; they grow by fours towards the base, irregularly upwards; the Flowers hang.

Fig. 2. *abc.*

THIS is an Annual, native of the North of Europe; a very beautiful Plant of eight inches high, flowering in July. The Stalk is weak, and of a ruddy brown; the Leaves are of a strong but dull green; the Flowers are crimson.

12. SHARP STONECROP.

Plate 48. Fig. 3.

Character of the Species.

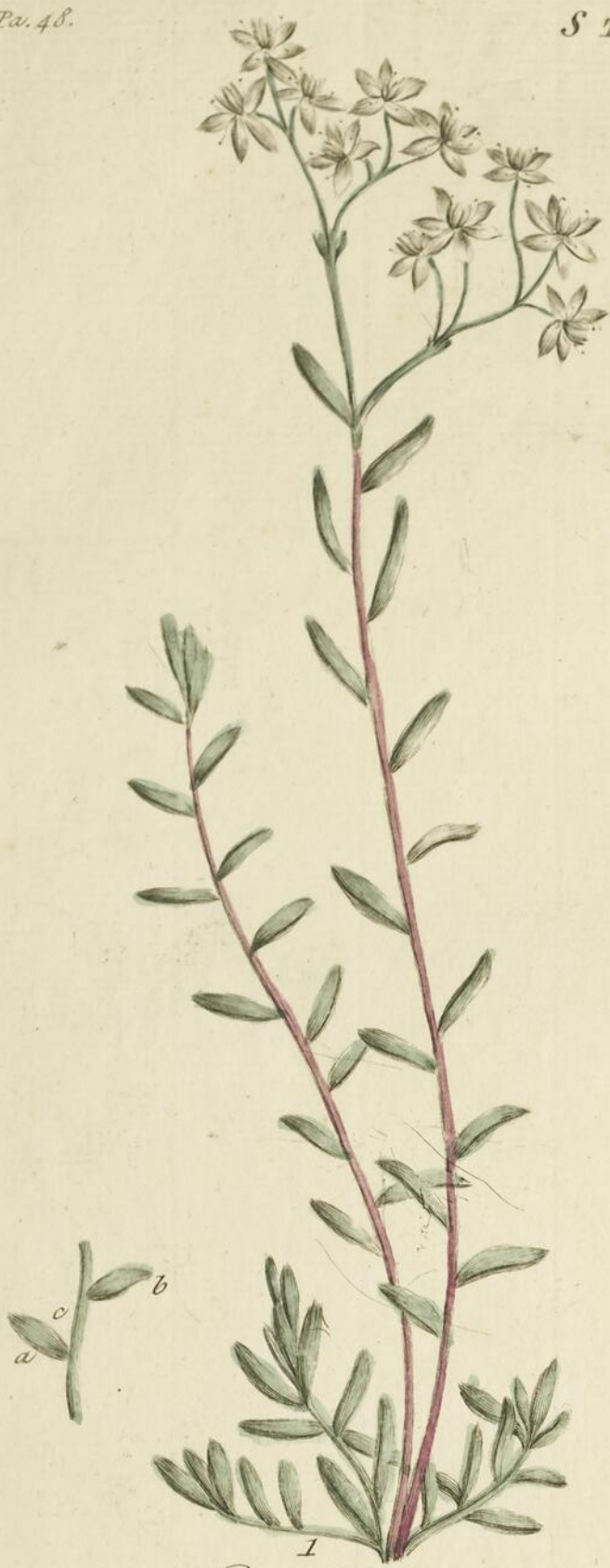
Sedum Acre.

The Leaves are oval and fleshy, and cover the Stalk like Scales; the Flowers stand in a tuft of three clusters.

Fig. 3. *abc.*

THIS is a Perennial, native of our old walls, and of our dry and barren hills; a trailing bushy Plant of four inches long, flowering in June. The Stalks are pale; the Leaves are of a faint green; the Flowers are yellow.

13. HEX-



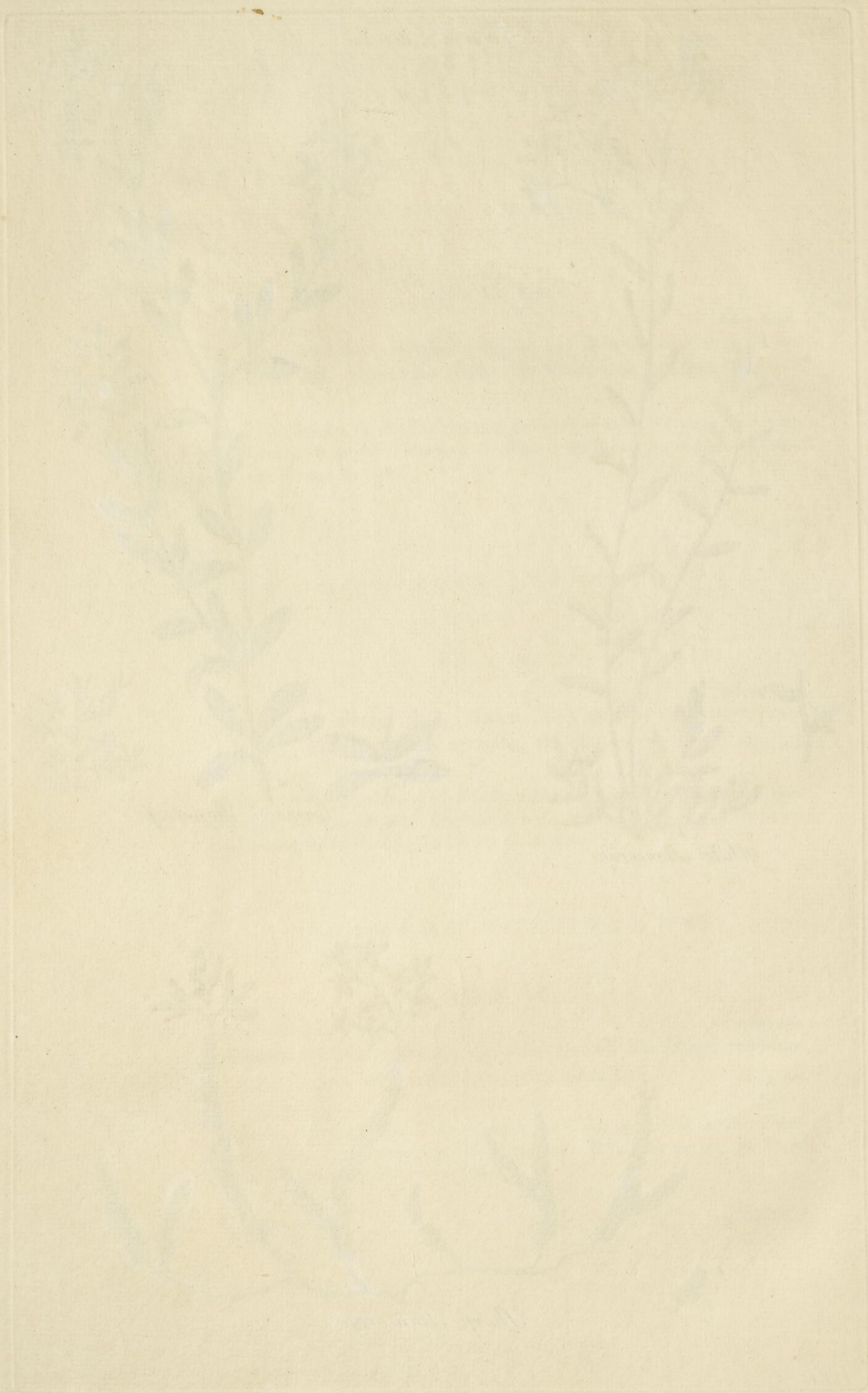
White Stonecrop

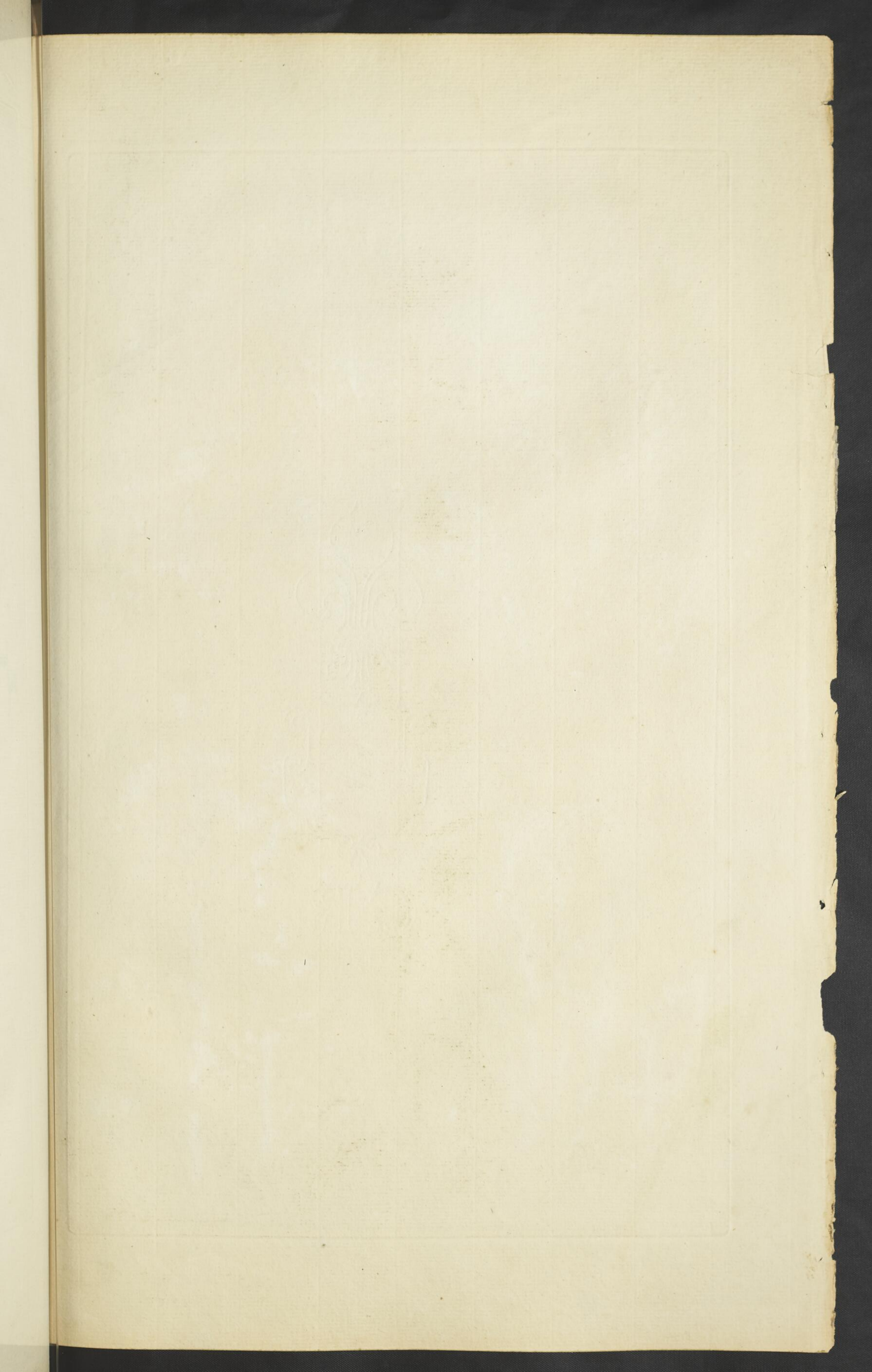


Crimson Stonecrop



Sharp Stonecrop





STONECROP.

Pl. 49



Hexangular Stonecrop.



Annual Stonecrop.



Downy Stonecrop.

13. HEXANGULAR STONECROP.

Plate 49. Fig. 1.

Character of the Species.

Sedum Sexangulare.

The Leaves stand by sixes about the Stalk ; they are oval, thick at the back, and have no foot-stalks ; and they stand up.

Fig. 1. a b.

THIS is a Perennial, native of Germany ; a straggling Plant of five inches high, flowering in August. The Stalks are pale ; the Leaves are of a light but pleasing green ; the Flowers are of a delicate pale yellow, almost white.

14. ANNUAL STONECROP.

Plate 49. Fig. 2.

Character of the Species.

Sedum Annuum.

The Stalk rises singly, and is upright ; the Leaves are oval, fleshy, and swollen behind ; the Flower-stalk turns back.

Fig. 2. a b c.

THIS is an Annual, native of our old walls ; a pretty little Plant, scarce exceeding four inches in height, and flowers in August. The Stalk is naturally pale, but is usually tinged reddish ; the Leaves are of a fair fresh green ; the Flowers are white.

15. DOWNY STONECROP.

Plate 49. Fig. 3.

Character of the Species.

Sedum Villosum.

The Stalk is upright ; the Leaves are flattened ; the foot-stalks of the Flowers are hairy.

Fig. 3. a b c.

THIS is a Biennial, native of our marshy grounds ; a very pretty Plant of six or eight inches high, flowering in August. The Stalk is reddish ; the Leaves are of a lively green ; the Flowers are of the most beautiful crimson.

ORDER the FOURTH.

With numerous Capsules.

GENUS I.

NAPEWORT.

Plate 50.

Character of the Genus.

The CUP is egg-shaped.

The FLOWER spreads; its Petals are obtuse, and have long claws.

The CAPSULES are oblong, bent, and obtuse.

Plate 50. *abcde.*

1. SMOOTH NAPEWORT.

Plate 50. Fig. 1.

Character of the Species.

Napcea Hermaphrodita.

The Leaves are smooth; the foot-stalks of the Flowers rise naked.

Fig. 1. *ab*

THIS is a Perennial, native of Virginia; a tall and stately Plant of six foot high, flowering in July. The Stalk is of a pale green, usually tinged with brown; the Leaves are of a light green, very beautiful in their divisions; the Flowers are white.

2. RUGGED NAPEWORT.

Plate 50. Fig. 2.

Character of the Species.

Napcea Dioecia.

The Leaves are rugged; the foot-stalks of the Flowers have films.

Fig. 2. *ab.*

THIS is a Perennial, native of Virginia; a Plant of five foot high, flowering in August. The Stalk is of a dusky green; the Leaves are of a coarse deep green; the Flowers are white.



Generic Character

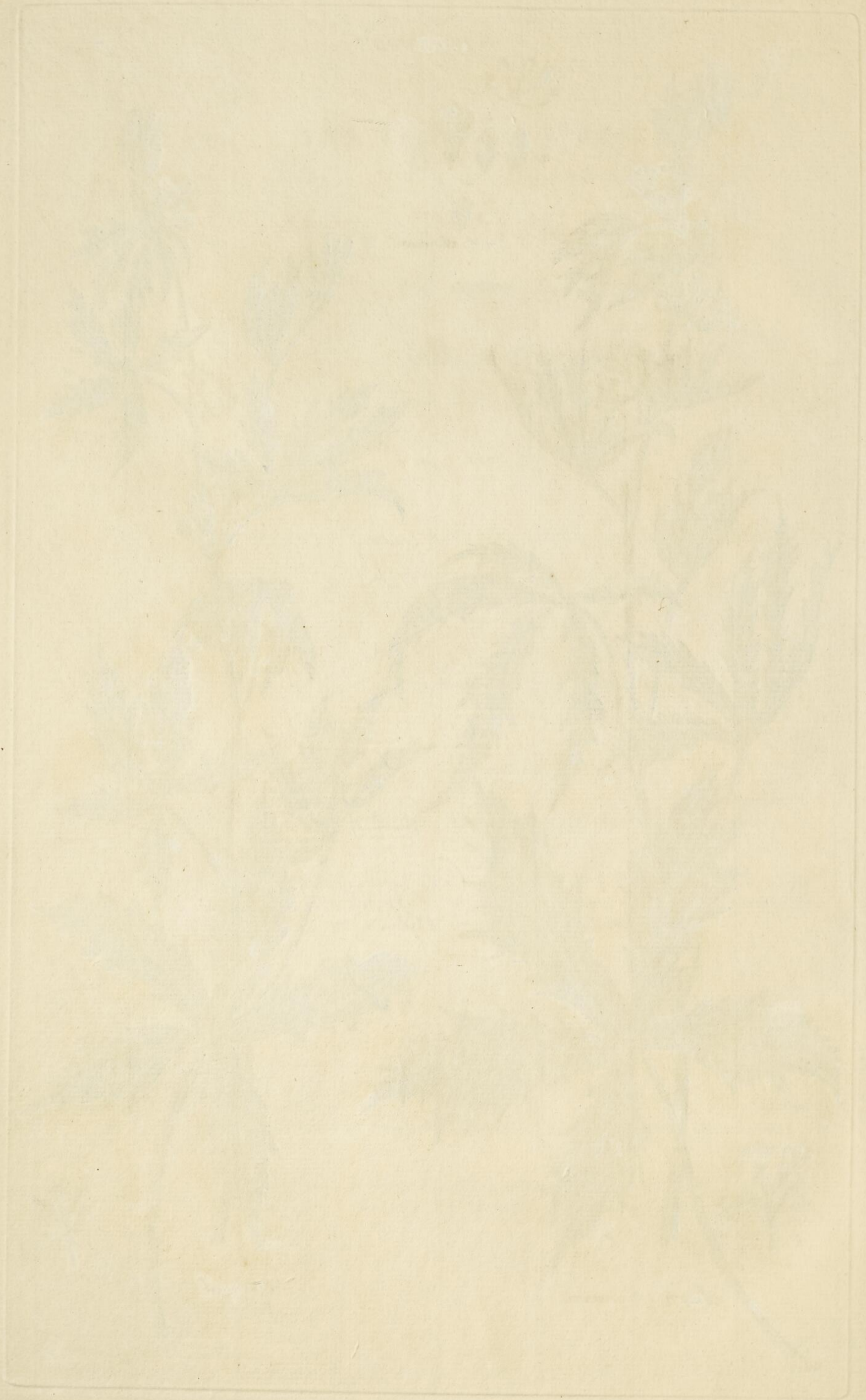


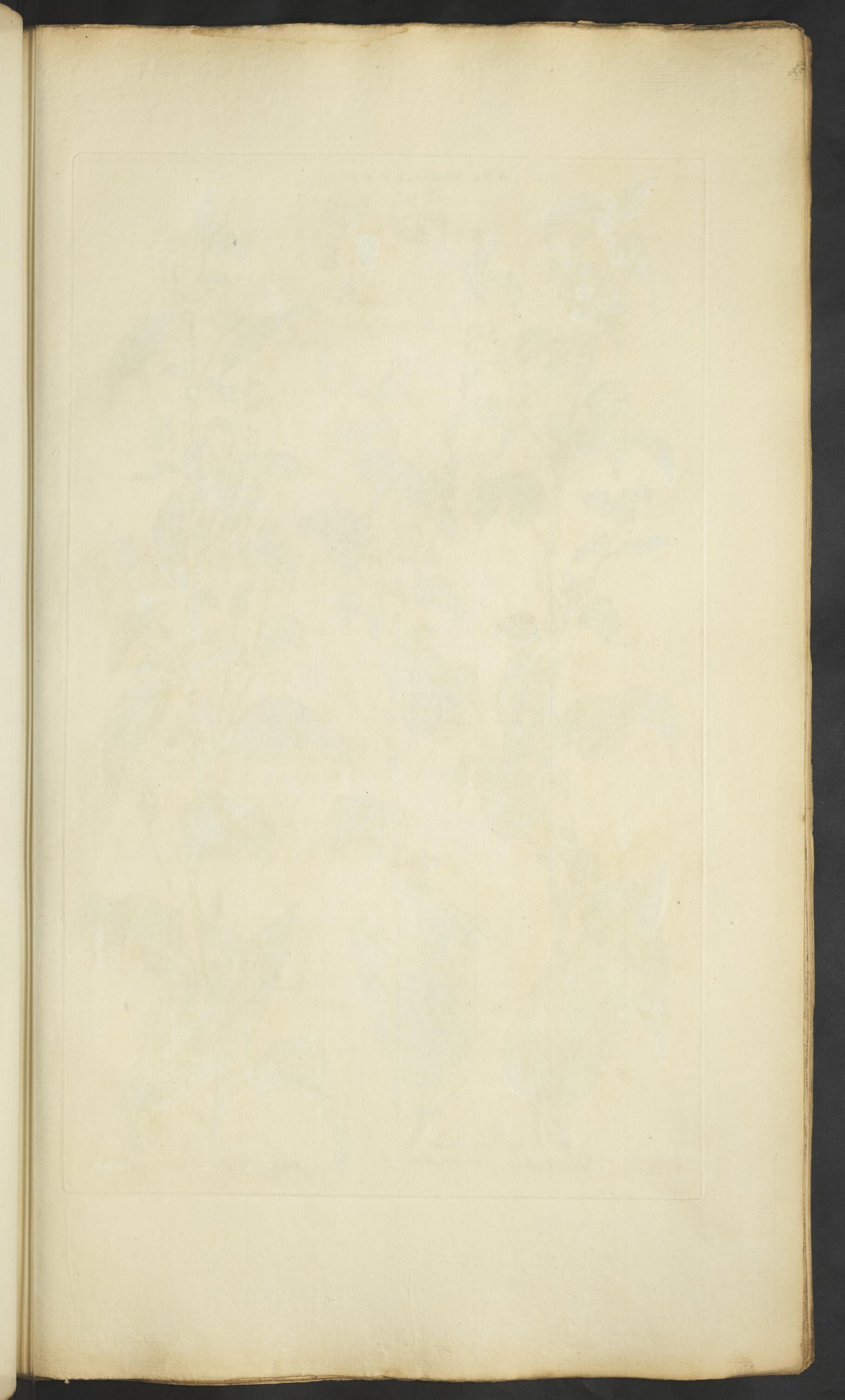
Smooth Napewort



Rugged Napewort









Generic Character



Prickly Rock Mallow



White Rock Mallow



Diamond leaved Rock Mallow

G E N U S II.

R O C K M A L L O W.

Plate 51.

Character of the Genus.

The CUP is angulated, and its Leaves sharp-pointed.

The FLOWER stands wide open; the Petals are hearted.

The CAPSULES are rounded, and fixed to a columnar piece.

Plate 51. *abcd.*

1. PRICKLY ROCK MALLOW.

Plate 51. Fig. 1.

Character of the Species.

Sida Spinosa.

The Leaves are oblong, hearted, and ferrated; there are prickles in their
bofoms.

Fig. 1. *abc.*

THIS is an Annual, native of the East and West Indies; a very pretty Plant of a yard high, flowering in August. The Stalk is of a dull green; the Films are brown; the Leaves are of a strong green; the Flowers are yellow.

2. WHITE ROCK MALLOW.

Plate 51. Fig. 2.

Character of the Species.

Sida Alba.

The Leaves are hearted, and short, and dented; the Films are placed by
threes, and are thorny.

Fig. 2. *abc.*

THIS is an Annual, native of the East-Indies; a very handsome Plant of a foot and half high, flowering in August. The Stalks are pale, and often tinged with brown; the Leaves are of a light greyish green; the Flowers are white, lightly and elegantly tipped with crimson.

3. DIAMOND-LEAV'D ROCK MALLOW.

Plate 51. Fig. 3.

Character of the Species.

Sida Rhombifolia.

The lower Leaves are angulated and rhomboidal; the Films are a little
prickly.

Fig. 3. *ab.*

THIS is an Annual, native of the East and West Indies; a handsome Plant of two foot high, flowering in July. The Stalk is dusky; the Leaves are of an exceeding fine green; the Flowers are yellow.

4. PLAITED

4. PLAITED ROCK MALLOW.

Plate 52. Fig. 1.

Character of the Species.

Sida Alnifolia.

The Leaves are rounded, and plaited, and notched. Fig. 1. *ab*.

THIS is an Annual, native of the East and West Indies; a very pretty Plant of two foot high, spreading, and very branchy: the Flowers appear in June. The Stalk is hard and brown; the Leaves are of a strong green; the Flowers are yellow.

5. WEDGY ROCK MALLOW.

Plate 52. Fig. 2.

Character of the Species.

Sida Retufa.

The Leaves are wedge-shaped, nipped, and woolly underneath; the Flowers have long Stalks. Fig. 2. *ab*.

THIS is an Annual, native of the East-Indies; a Plant of two foot high, flowering in June. The Stalk is brown; the Leaves are of a dull green; the Flowers are yellow.

6. EYE-LASH'D ROCK MALLOW.

Plate 52. Fig. 3.

Character of the Species.

Sida Ciliaris.

The Leaves are oval and curled; the Films are eye-lashed. Fig. 3. *ab*.

THIS is an Annual, native of Jamaica; a very singular little Plant: it leans upon the ground, and seldom exceeds a foot high; and flowers in August. The Stalk is of a dull green, stained usually with red; the Leaves are of a fresh and fine green; the Flowers are crimson.

7. HEARTED ROCK MALLOW.

Plate 52. Fig. 4.

Character of the Species.

Sida Cordifolia.

The Leaves are hearted, and lightly angulated, serrated, and hairy.

THIS is an Annual, native of the Cape of Good Hope; a rough-growing Plant of two foot and a half high, flowering in August. The Stalk is brown; the Leaves are of a pale green; the Flowers are greenish white.

8. THREE-



1
Plaited Rock Mallow



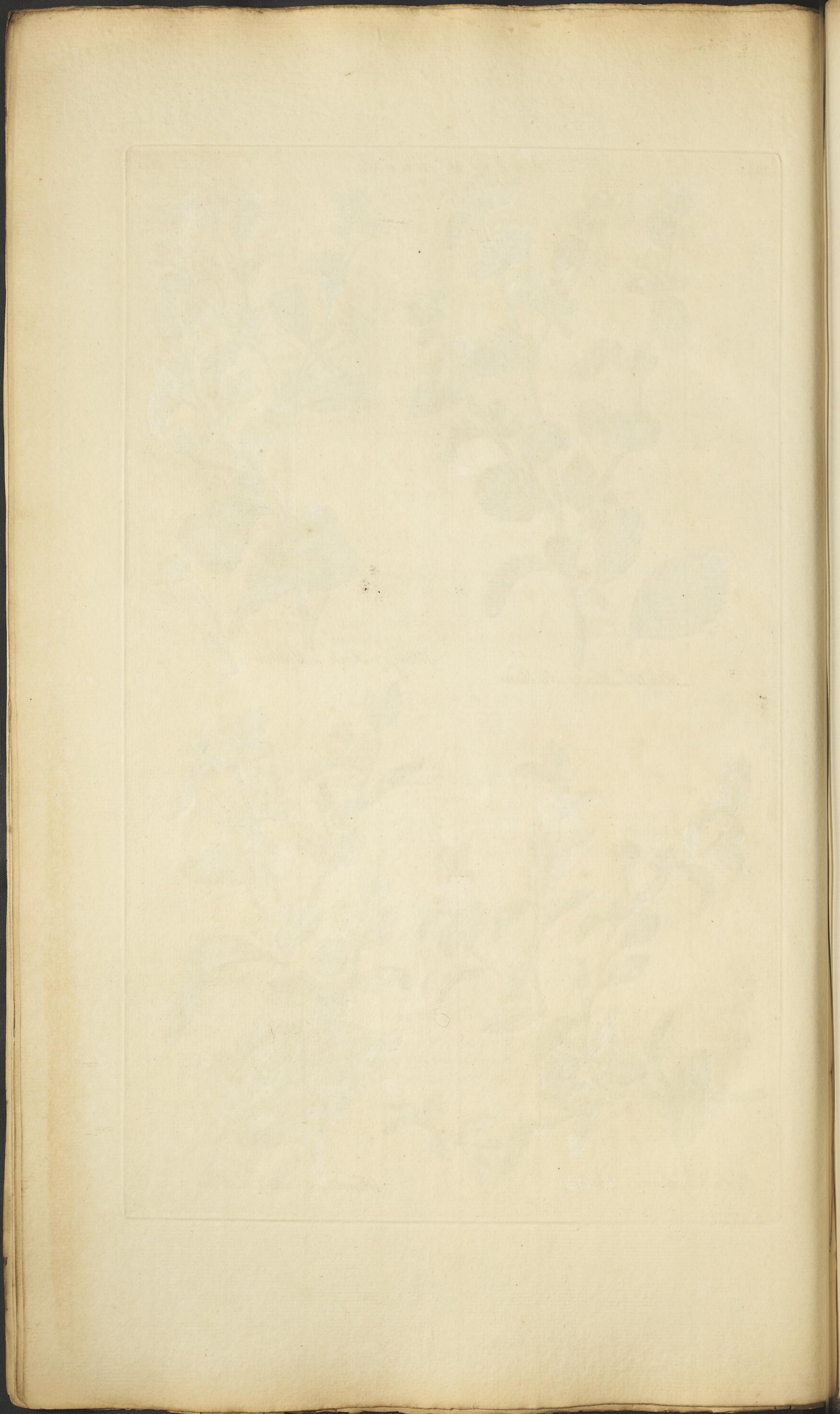
2
Wedgy Rock Mallow

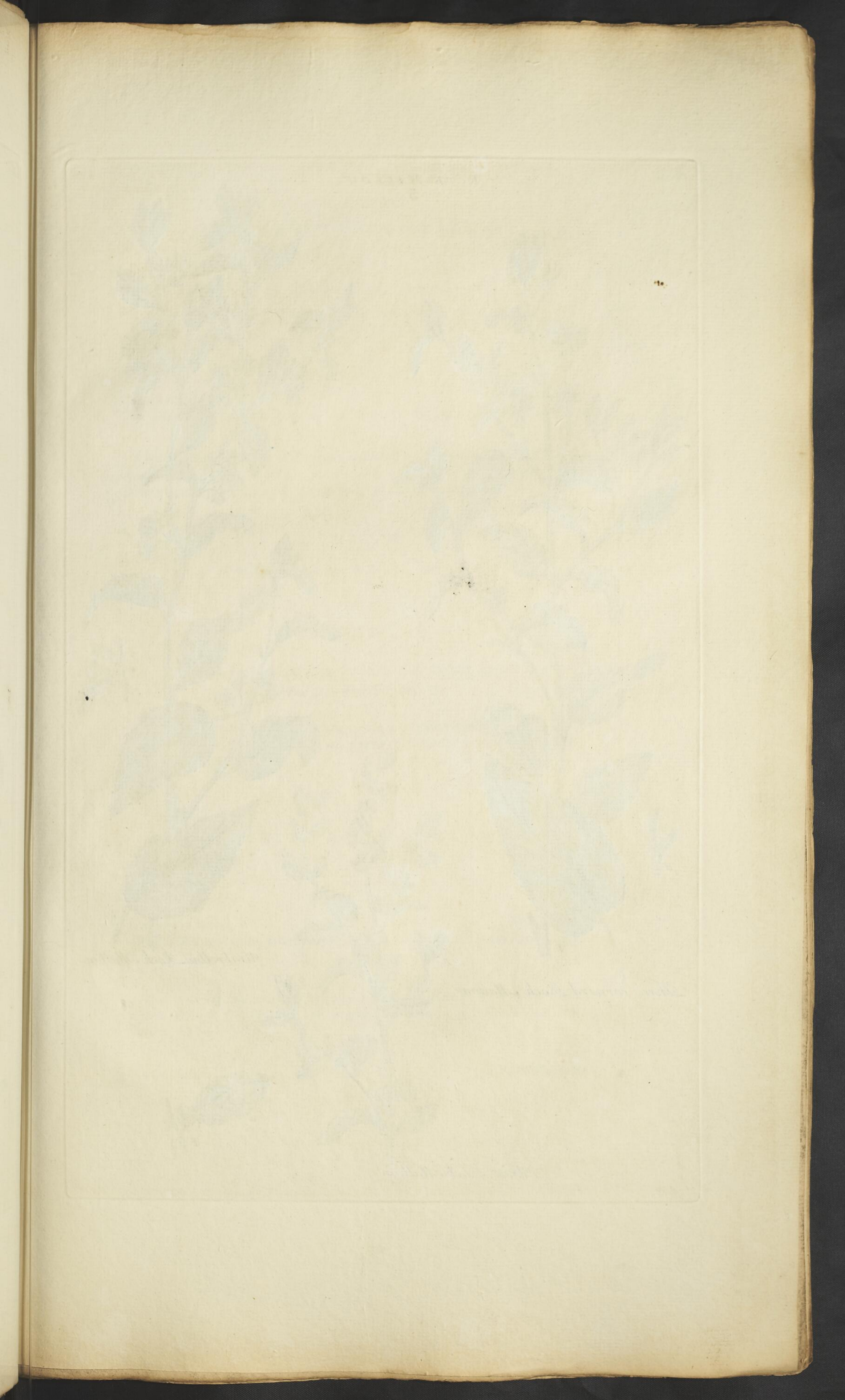


3
Eyelash Rock Mallow



4
Hearted Rock Mallow







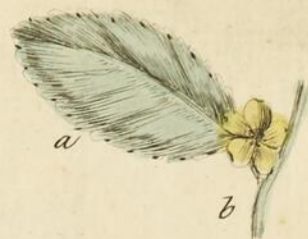
Three cornerd Rock Mallow



Umbrellad Rock Mallow



White Rock Mallow



8. THREE-CORNERED ROCK MALLOW.

Plate 53. Fig. 1.

Character of the Species.

Sida Triquetra.

The Leaves are hearted, ferrated, and downy; the Stalks are three square.

Fig. 1. *a b.*

THIS is a Perennial, native of Jamaica; a robust Plant, of two foot and a half high; flowering in August. The Stalk is greyish; the Leaves are of a pale whitish green; the Flowers are of a very delicate yellow, with a tinge of crimson in the centre.

9. UMBRELLA'D ROCK MALLOW.

Plate 53. Fig. 2.

Character of the Species.

Sida Umbellata.

The Leaves are hearted, downy, ferrated, and slightly angulated; the

Flowers grow in little umbells.

Fig. 2. *a b c.*

THIS is a Perennial, native of Jamaica; a Plant of a yard high, flowering in June. The Stalk is green; the Leaves are of a very pleasing fresh green; the Flowers are yellow, small, but prettily clustered.

10. WHITE ROCK MALLOW.

Plate 53. Fig. 3.

Character of the Species.

Sida Jamaicensis.

The Leaves are white, woolly, oval, and ferrated; the Flowers stand singly in their bosoms.

Fig. 3. *a b.*

THIS is an Annual, native of Jamaica; a very pretty Plant of ten or twelve inches high, flowering in August. The Stalk is grey; the Leaves are of a whitish green; the Flowers of a bright yellow.

11. THREADY ROCK MALLOW.

Plate 54. Fig. 1.

Character of the Species.

Sida Paniculata.

The Leaves are oblong, ferrated, sharp-pointed, scarce hearted, and downy underneath; the foot-stalks of the Flowers are small as threads.

Fig. 1. a b.

THIS is a Biennial, native of Jamaica; a Plant of a yard high, flowering in June. The Stalk is olive-coloured; the Leaves are of a fresh and pleasing green on the upper side, and hoary white underneath; the Flowers are of a bright yellow.

12. BRYONY ROCK MALLOW.

Plate 54. Fig. 2.

Character of the Species.

Sida Periplocifolia.

The Leaves are hearted, oblong, and undivided; the Petals are dented.

Fig. 2. a b.

THIS is a Biennial, native of Ceylon, and lately found also in Jamaica; a Plant of a yard high, flowering in June. The Stalk is whitish; the Leaves are of a fresh and fine green, but white underneath; the Flowers are of the primrose white, dashed with a yellowish green.

13. STINGING ROCK MALLOW.

Plate 54. Fig. 3.

Character of the Species.

Sida Urens.

The Leaves are hearted, dented, and harsh; the Flowers stand many on a foot-stalk.

Fig. 3. a b.

THIS is an Annual, native of Jamaica; a Plant of a yard high, flowering in July. The Stalks are green; the Leaves are of a full green; the Flowers are of a pale but pleasing yellow.

14. CLAMMY ROCK MALLOW.

Plate 54. Fig. 4.

Character of the Species.

Sida Viscosa.

The Leaves are woolly, nurlled, and scarce hearted; the Flowers stand singly, or at most two together.

Fig. 4. a b.

THIS is an Annual, native of Jamaica; a Plant of a yard high, flowering in July, and August. The Stalk is grey; the Leaves are whitish; the Flowers are yellow.



1
Thready Rock Mallow



2
Bayong Rock Mallow

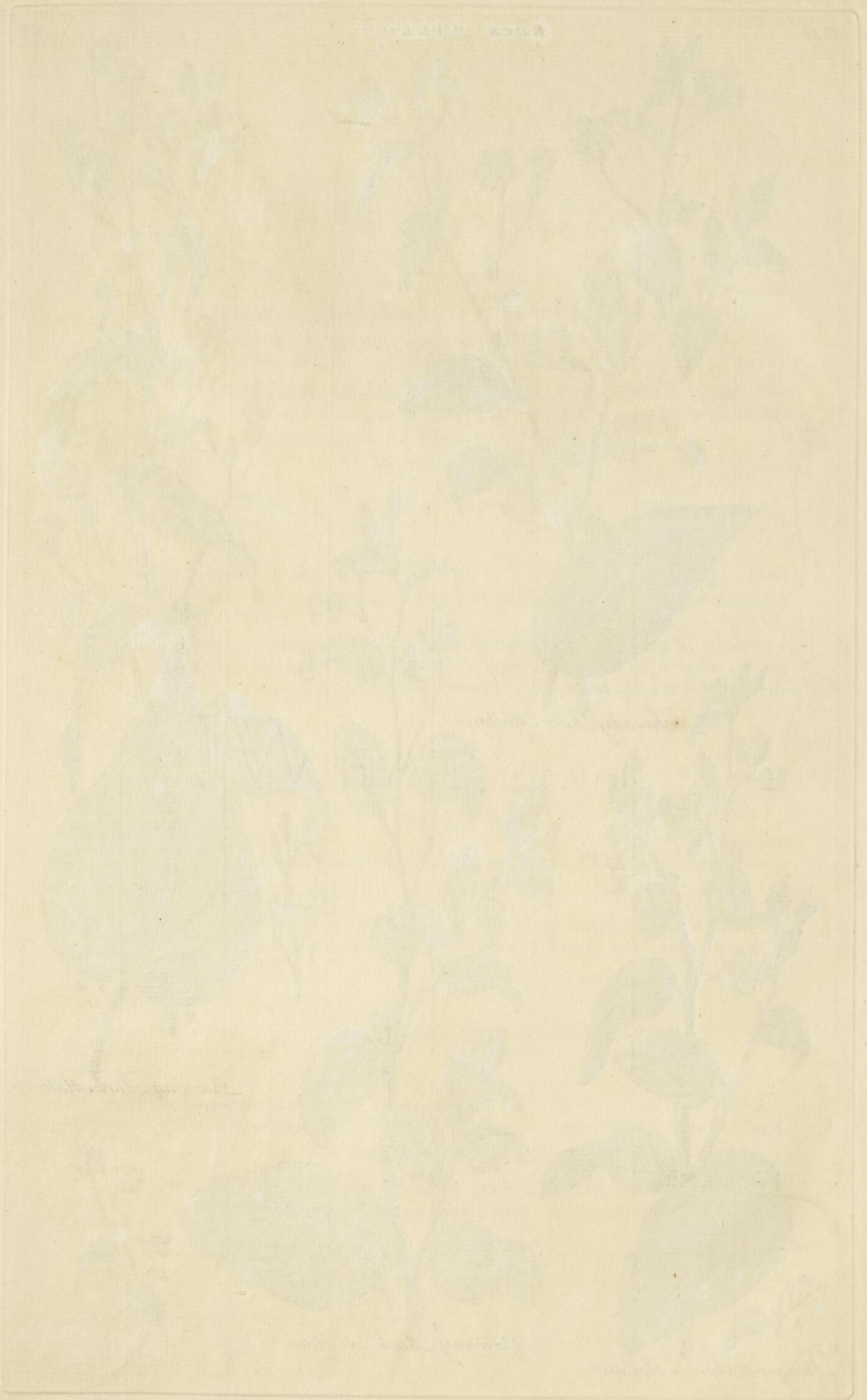


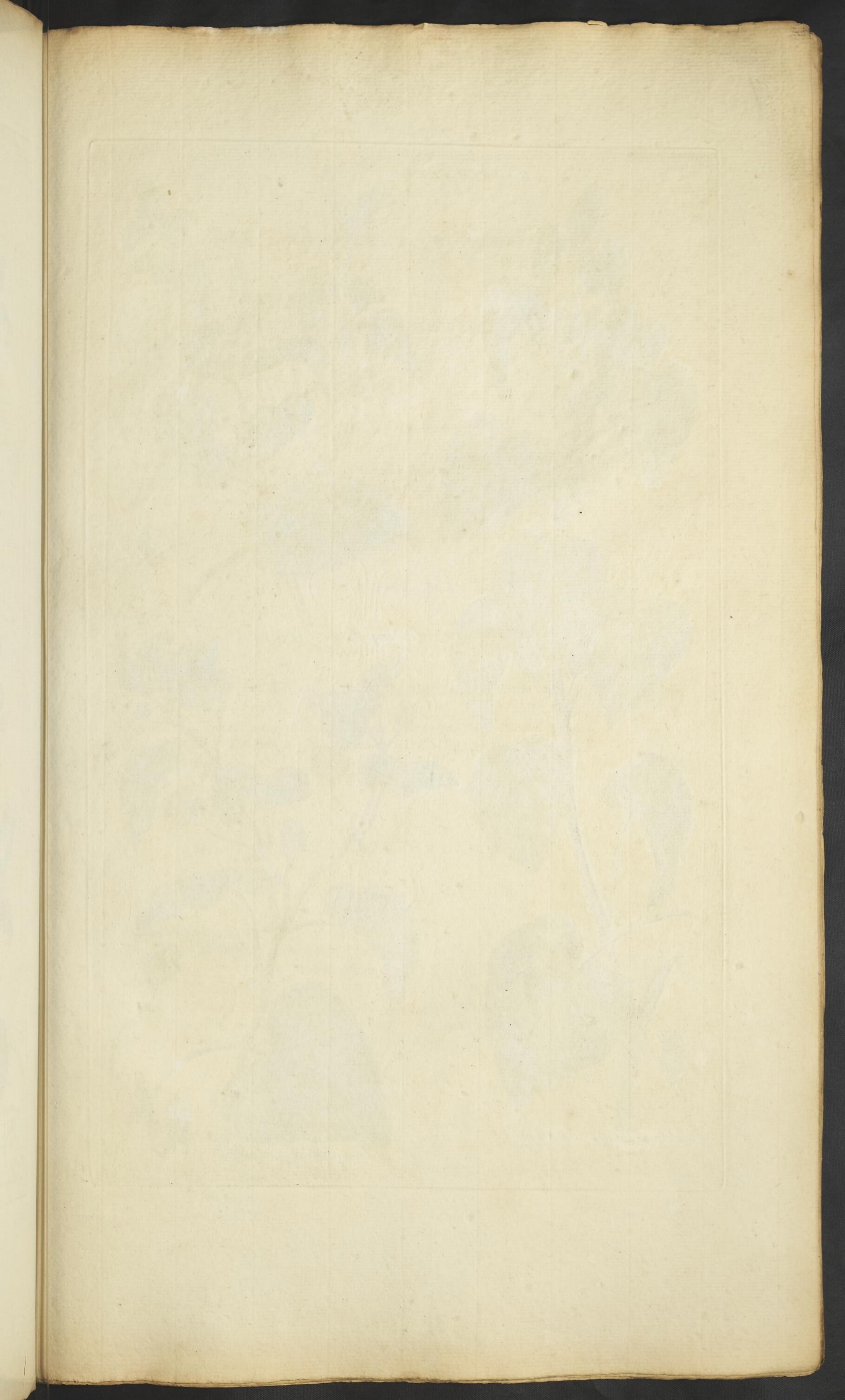
3
Vol 15
Stinging Rock Mallow



4
Clammy Rock Mallow







ROCK MALLOW.

5



Oblong Rock Mallow



Abahlous Rock Mallow



Silvery Rock Mallow

15. OBLONG ROCK MALLOW.

Plate 55. Fig. 1.

Character of the Species.

Sida Americana.

The Leaves are oblong and hearted ; the Seed-cup is bloated.

Fig. 1. *a b.*

THIS is a Perennial, native of Jamaica ; a spreading Plant of two foot and a half high, flowering in August. The Stalk is brown ; its young Shoots are greyish ; the Leaves are of a light whitish green ; the Flowers are yellow.

16. ABUTILOUS ROCK MALLOW.

Plate 55. Fig. 2.

Character of the Species.

Sida Abutilon.

The Leaves are roundish, and hearted ; the Capsules split at the top.

Fig. 2. *a b.*

THIS is an Annual, native of the East-Indies ; a very pretty Plant of a yard high, flowering in July. The Stalk is pale ; the Leaves are of a light pleasant green ; the Flowers are yellow.

17. SILVERY ROCK MALLOW.

Plate 55. Fig. 3.

Character of the Species.

Sida Asiatica.

The Leaves are hearted ; the Films turn back ; the Cup is longer than the Capsules.

Fig. 3. *a b c.*

THIS is a Perennial, native of the East-Indies ; a straggling Plant of two foot and a half high, flowering in July. The Stalks are greyish ; the Leaves are of a pale blue green ; the Films are light brown ; the Flowers are pale yellow.

18. INDIAN

18. INDIAN ROCK MALLOW.

Plate 56. Fig. 1.

Character of the Species.

Sida Indica.

The Leaves are hearted, and the lower ones lobated; the Films turn back; the Capfules are rugged, and longer than the Cups. Fig. 1. *abc.*

THIS is an Annual, native of the East-Indies; a Plant of a yard high, flowering in June. The Stalk is reddish; the Leaves are of a fresh green on the upper side, and pale underneath; the Flowers are white, with a very little yellow.

19. DOWNWARD ROCK MALLOW.

Plate 56. Fig. 2.

Character of the Species.

Sida Occidentalis.

The Leaves are hearted, angulated, and dented; the fruit is round and hairy. Fig. 2. *ab.*

THIS is an Annual, native of South America; a Plant of a yard high, flowering in August. The Stalk is of a dull green; the Leaves are of a fresh and lively green; the Flowers are large, and of a beautiful yellow.

20. FLOCKY ROCK MALLOW.

Plate 56. Fig. 3.

Character of the Species.

Sida Crispa.

The Leaves are hearted, angulated, woolly, and wavy; the Fruit is round, and wrinkled. Fig. 3. *abc.*

THIS is a Perennial, native of the Bahama Islands; a Plant of a yard high, flowering in July. The Stalk is brown; the Leaves are of a very pale green; the Flowers are lemon-coloured.

21. LOOSE ANGULATED ROCK MALLOW.

Plate 56. Fig. 4.

Character of the Species.

Sida Cristata.

The Leaves are loofely angulated, and hearted; the fruit is oblong. Fig. 4. *ab.*

THIS is an Annual, native of Mexico; a Plant of three foot high, flowering in June. The Stalk is of a dead green, tinged with brown; the Leaves are of a deep shining green; the Flowers are yellow.

22. SEVEN



Indian Rock Mallow

Downward Rock Mallow

Floccy Rock Mallow

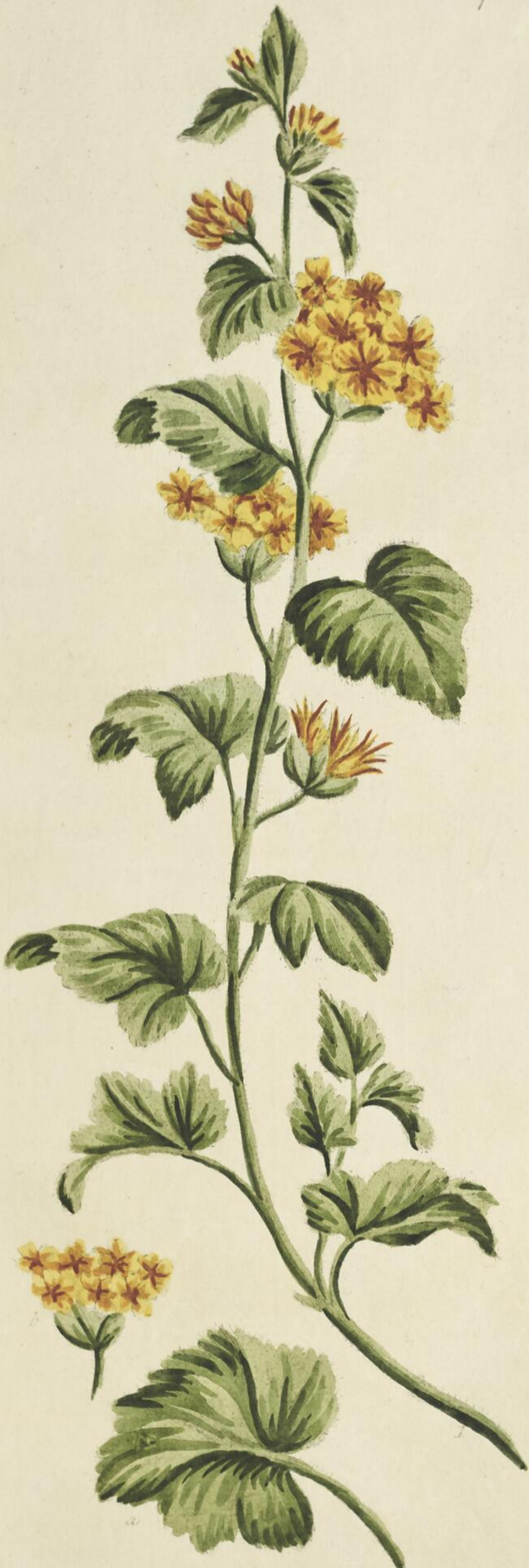
Loose Angulate Rock Mallow

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ROCK MALLOW
7

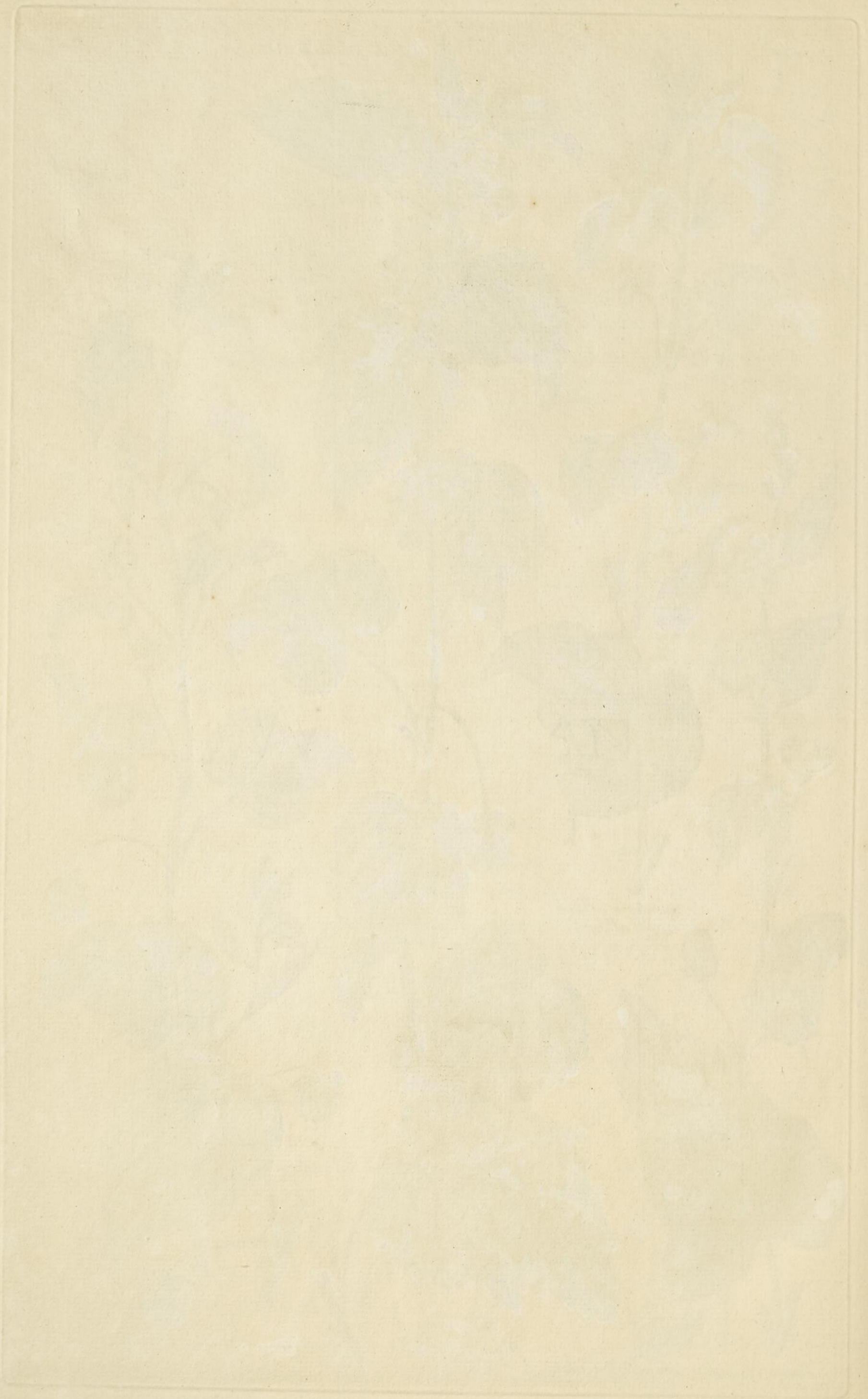
1151



Seven-flowered Rock Mallow



Fingered Rock Mallow



G E N U S III.

T R E E M A L L O W.

Plate 58.

Character of the Genus.

The O U T E R C U P is cut in three; the Inner in five parts, raised and pointed.

The F L O W E R spreads open; its Petals are hearted and waved.

The C A P S U L E S are flattened, and placed round a column. Plate 58. *abcde*.

1. F O L D E D T R E E M A L L O W.

Plate 58. Fig. 1.

Character of the Species.

Lavatera Arborea.

The Leaves are rounded, and seven-cornered, downy, and folded; the Flowers rise from their bosoms, several together; but only one on each footstalk.

Fig. 1. *ab*.

THIS is a Perennial, native of Italy; a tall and noble Plant: it flowers in August. The Stem is woody; the Leaves are of a pale green; the Flowers are white.

2. G L I T T E R I N G T R E E M A L L O W.

Plate 58. Fig. 2.

Character of the Species.

Lavatera Micans.

The Leaves are oblong, and seven-cornered; their edges glitter in the sun.

Fig. 2. *abc*.

THIS is a Perennial, native of Spain and Portugal; a Plant of four foot high, flowering in July. The Stalk is grey; the Leaves are of a whitish green; the Flowers are white.

3. S O F T T R E E M A L L O W.

Plate 58. Fig. 3.

Character of the Species.

Lavatera Olbia.

The Leaves are five-cornered, and speared; the Flowers stand singly.

Fig. 3. *ab*.

THIS is a Perennial, native of Provence; a very beautiful Plant of four foot high, flowering in June. The Stalk is pale; the Leaves are of a blueish green; the Flowers are white.

4. T R I L O B A T E T R E E M A L L O W.

Plate 58. Fig. 4.

Character of the Species.

Lavatera Triloba.

The Leaves are hearted, short, obtuse, with three flight-cut Lobes; there are hearted Films at their base.

Fig. 4. *ab*.

THIS is a Perennial, native of Spain; a Plant of two foot and a half high, flowering in July. The Stalk is tinged with brown; the Leaves are of a faint and yellowish green; the Flowers are rose-coloured.



Folded Tree Mallow

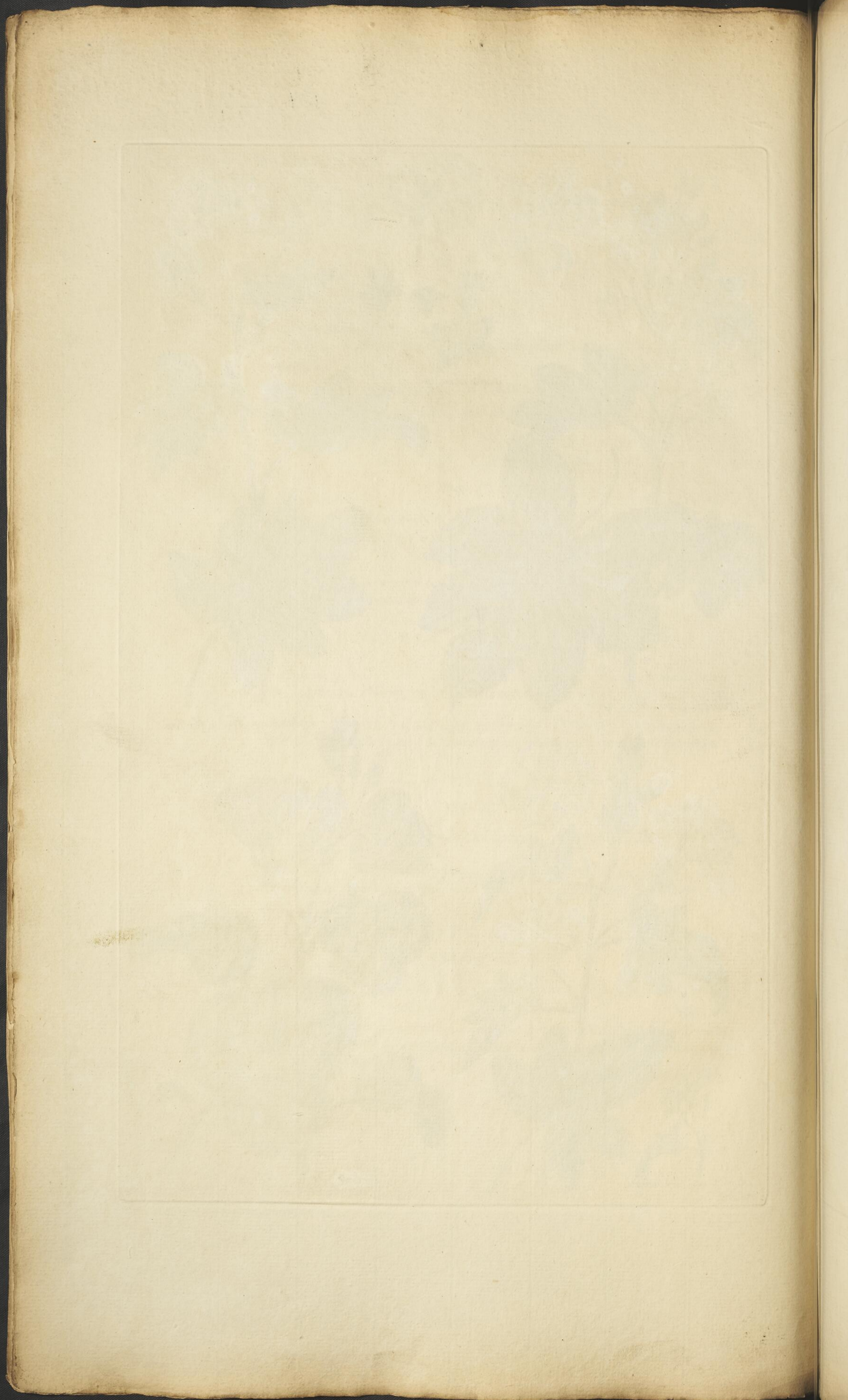
Glittering Tree Mallow

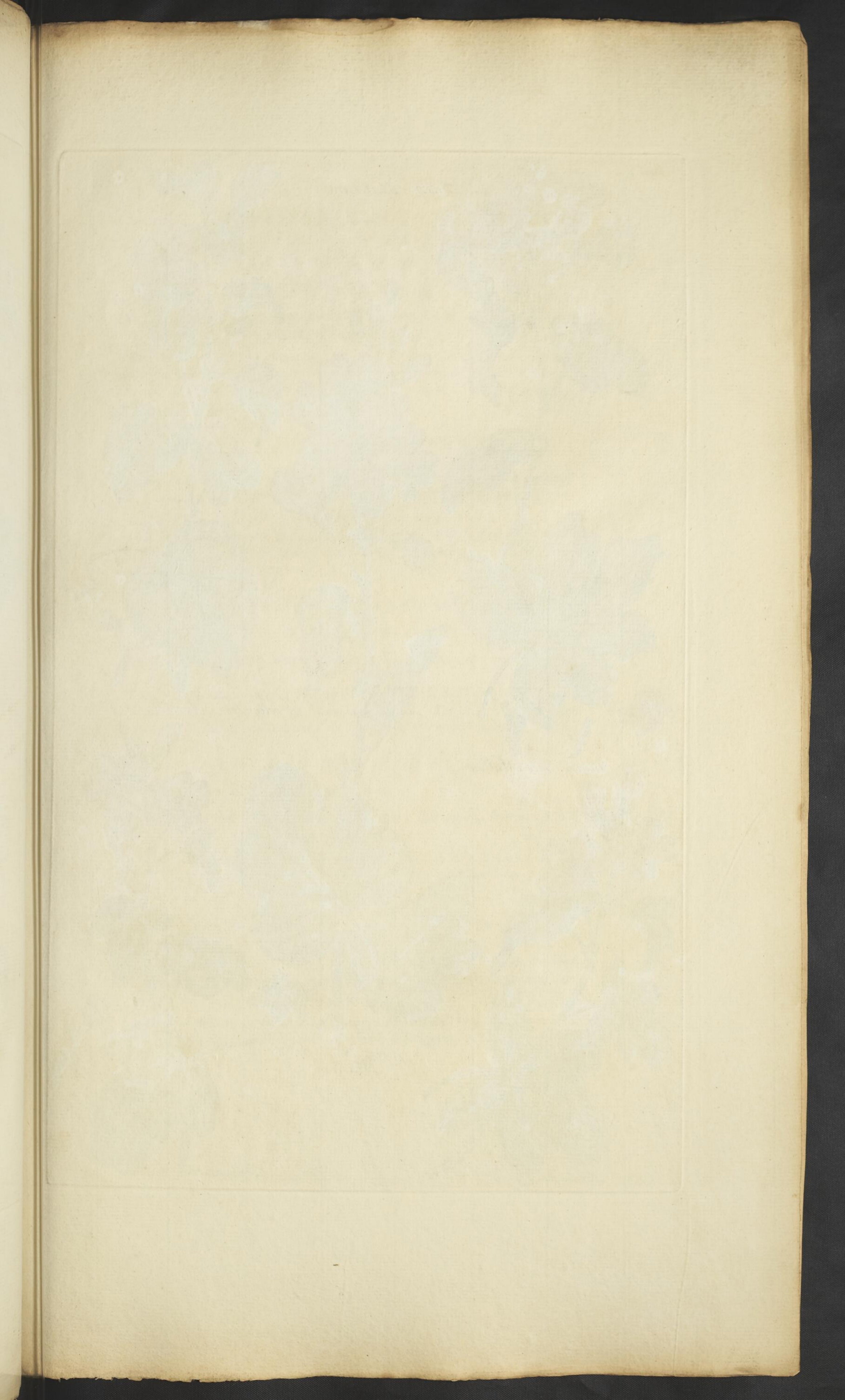


Soft Tree Mallow
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Tribate Tree Mallow.





TREE MALLOW.



1
Clustery Tree Mallow

2
Woolly Tree Mallow



3
Great flowered Tree Mallow



4
Cretan Tree Mallow

5
Rugged Tree Mallow

5. CLUSTERY TREE MALLOW.

Plate 59. Fig. 1.

Character of the Species.

Lavatera Lusitanica.

The Leaves have seven sharp and serrated corners; the Flowers are clustered at the top.

Fig. 1. *a b.*

THIS is a Perennial, a very beautiful Plant, native of the South of Europe, and of the Cape of Good Hope: it grows to four foot high, and flowers in August. The Stem is brown; the young Branches are pale green; the Leaves are of a light pleasing green; the Flowers are rose-coloured, and of great beauty.

6. WOOLLY TREE MALLOW.

Plate 59. Fig. 2.

Character of the Species.

Lavatera Americana.

The Leaves are hearted, simple, and woolly; the Flowers grow singly in their bosoms.

Fig. 2. *a b.*

THIS is a Perennial, native of Jamaica; a Plant of four foot high, flowering in June. The Stem is woody, and dark brown; the Leaves are of a white green; the Flowers pale rose-coloured.

7. GREAT-FLOWER'D TREE MALLOW.

Plate 59. Fig. 3.

Character of the Species.

Lavatera Thuringiaca.

The Leaves are oblong, hearted, and five-lob'd; the Cups are dented.

Fig. 3. *a b.*

THIS is a Perennial, native of Hungary, and elsewhere in the North of Europe; a very beautiful Plant of two foot high, flowering in August. The Stalk is greyish; the Leaves are of a pale, but pleasing green; the Flowers are of a beautiful crimson.

8. CRETAN TREE MALLOW.

Plate 59. Fig. 4.

Character of the Species.

Lavatera Cretica.

The Leaves are five-lobed; the lower, obtuse; the upper, sharp-pointed and dented; all woolly.

Fig. 4. *a b.*

THIS is an Annual, native of Crete; a Plant of two foot high, flowering in July. The Stalk is pale; the Leaves are of a silvery green; the Flowers are large and rose-coloured.

9. RUGGED TREE MALLOW.

Plate 59. Fig. 5.

Character of the Species.

Lavatera Trimestris.

The Stalk is rugged, and the Leaves are smooth; the Flowers stand one upon a foot-stalk.

Fig. 5. *a b.*

THIS is an Annual, native of Syria; a low, but beautiful Plant, flowering in July. The Stalk is of a dusky green; the Leaves are of a fresh fair green; the Flowers are large, and of a fine red.

GENUS

G E N U S IV.

H O L L Y H O C K.

Plate 60.

Character of the Genus.

The O U T E R C U P spreads, and has six segments; the Inner is larger, and has five.

The F L O W E R stands open; the Petals are vast, waved, and hearted.

The C A P S U L E S are articulated.

Plate 60. *abcde*.

1. C O M M O N H O L L Y H O C K.

Plate 60. Fig. 1.

Character of the Species.

Alcea Rosea.

The Leaves are waved, and lightly cut into five lobes. Fig. 1. *a*.

THIS is a Biennial, native of the East, though now so common in our meanest gardens: it grows to eight foot high, and flowers in August. The Stalk is of a dead green; the Leaves are of a coarse unpleasing green; the Flowers are vast, and rose-colour, white, crimson, yellow, or purple. Culture renders them also beautifully double.

2. F I G - L E A V ' D H O L L Y H O C K.

Plate 60. Fig. 2.

Character of the Species.

Alcea Ficifolia.

The Leaves are palmated, with seven fingers. Fig. 2. *ab*.

THIS is a Biennial, native also of the East; a Plant of seven foot high, flowering in July. The Stalk is green; the Leaves are of a delicate fresh green; the Flowers deep crimson.

G E N U S V.

B E R R Y M A L L O W.

Plate 60.

Character of the Genus.

The L O W E R C U P spreads; the Upper is more raised, with five sharp segments.

The F L O W E R stands loose; its Petals are egg-shaped, and hearted.

The C A P S U L E S are soft, and juicy as berries.

Plate 60. *abcde*.

1. B E T O N Y - L E A V ' D B E R R Y M A L L O W.

Plate 60. Fig. 3.

Character of the Species.

Malope Malacoides.

The Leaves are oval, and nurl'd. Fig. 3. *ab*.

THIS is a Biennial, native of Tuscany, and of Africa; a low, but singular Plant, flowering in August. The Leaves are of a shining green on the upper side, and pale underneath; the Stalk is of a dead green; the Flowers are purple.

G E N U S

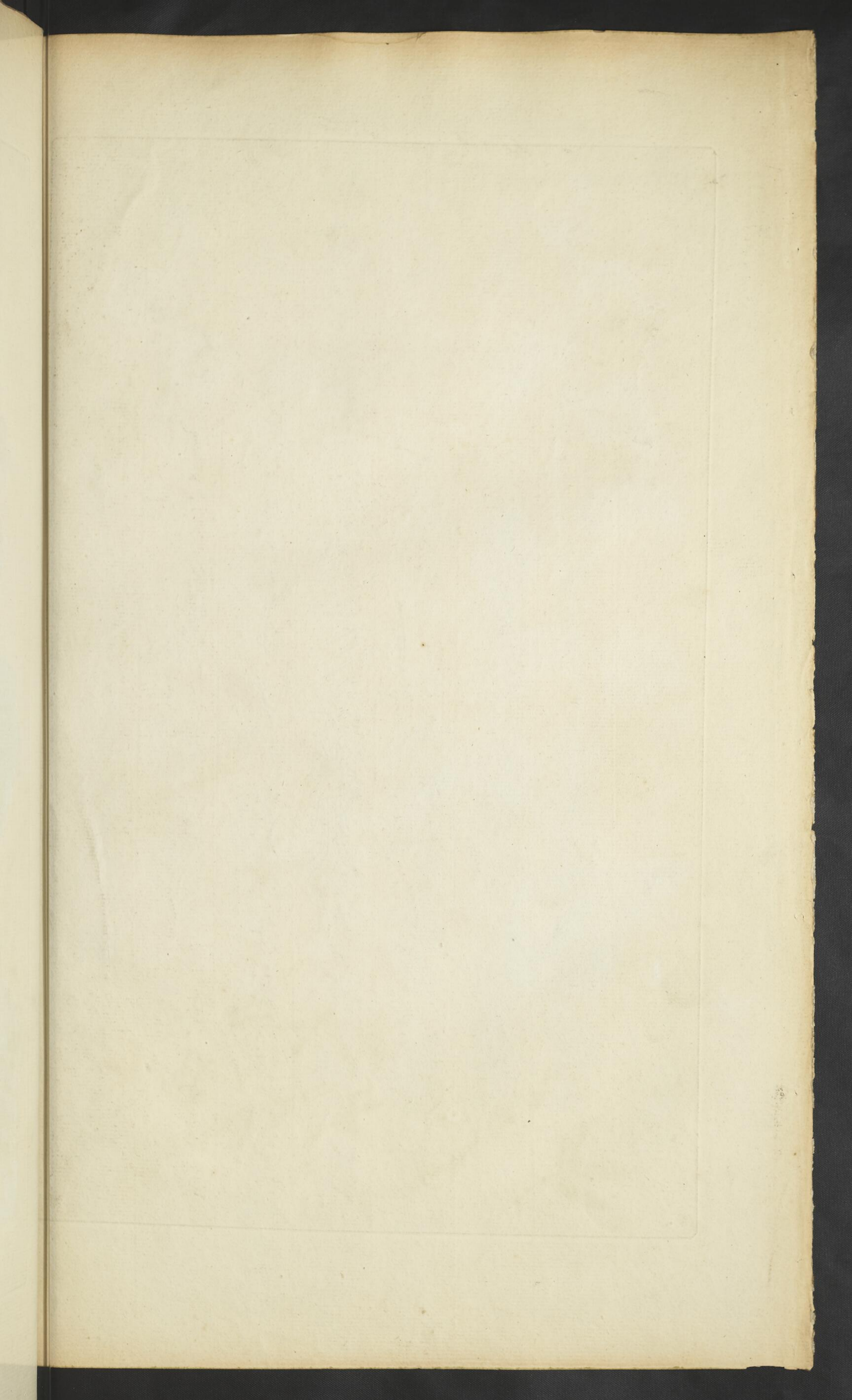
HOLLYHOCK



Common Hollyhock

Betony leaved Berry Mallow







Generic Character



Common Marsh Mallow



Hemp Marsh Mallow



Hairy Marsh Mallow

G E N U S VI.

M A R S H M A L L O W.

Plate 61.

Character of the Genus.

The OUTER CUP has nine segments, the Inner only five.

The FLOWER spreads; its Petals are irregularly nipped.

The CAPSULES are articulated.

Plate 61. *a b c d e.*

I. COMMON MARSH MALLOW.

Plate 61. Fig. 1.

Character of the Species.

Althæa Officinalis.

The Leaves are simple, serrated, and woolly.

Fig. 1. *a b.*

THIS is a Perennial, native of our wet grounds; an upright Plant of three feet high, flowering in July. The Stalk is pale; the Leaves are of a whitish green, delicately smooth and soft to the touch; the Flowers are white.

2. HEMP MARSH MALLOW.

Plate 61. Fig. 2.

Character of the Species.

Althæa Cannabina.

The Leaves are five-fingered.

Fig. 2. *a.*

THIS is a Perennial, native of France and Germany; a Plant of a yard high, flowering in August. The Stalk is of a pale green, tinged with red; the Leaves are of a fresh and fair green; the Flowers are of a yellowish white.

3. HAIRY MARSH MALLOW.

Plate 61. Fig. 3.

Character of the Species.

Althæa Hirsuta.

The Leaves are three-fingered; the Stalk is weak and hairy.

Fig. 3. *a b.*

THIS is a Perennial, native of France and Spain, and other parts of Europe; a weak Plant of eight inches long, flowering in July. The Stalk is tinged with brown; the Leaves are of a faint green; the Flowers are white.

THE END OF THE FIFTEENTH VOLUME.

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22. SEVEN-FLOWER'D ROCK MALLOW.

Plate 57. Fig 1.

Character of the Species.

Sida Capitata.

The Flowers have under them a mantle of three Leaves ; the Leaves are hearted and angulated.

Fig. 1. *a b.*

THIS is a Perennial, native of the wet grounds in the Caribbee Islands; a very handsome Plant: it grows to two foot and a half high, and flowers in July. The Stalk is of a pale green, tinged with brown; the Leaves are of a strong fine green; the Flowers are gold yellow.

23. FINGER'D ROCK MALLOW.

Plate 57. Fig. 2.

Character of the Species.

Sida Radiata.

The Flowers have a mantle of five Leaves under them; the Leaves are five-fingered.

Fig. 2. *a b.*

THIS is a Perennial, a woody Plant, native of Jamaica: it grows to four foot high, and flowers in July. The Stem is brown and naked; the young Shoots are pale and hairy; the Leaves are of a faint green; and the Flowers are yellow.

