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FARM WEEDS

ILLUSTRATED IN COLOUR

Reprinted from the book

FARM WEEDS OF CANADA

CANADA DEPARTMENT OF AGRICULTURE

OTTAWA, CAN.

ARCH
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1951

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FARM WEEDS

ILLUSTRATED IN COLOUR

These plates were prepared originally to illustrate the book *Farm Weeds of Canada*. The drawings were made by the late Norman Criddle of the staff of the Department of Agriculture. The plates have been reprinted in the present form to supply the demand for authentic colour reproduction of the common farm weeds.

FARM WEEDS

PREPARED BY COLONEL

The present volume contains a list of the most common weeds which grow on farms in the United States. It is intended to be a practical guide to the identification and control of these weeds. The list is arranged in alphabetical order, and each weed is accompanied by a description of its habit and a list of the places where it is commonly found. The illustrations are intended to show the general appearance of the weeds, and to indicate the parts which are most characteristic of each.

C O N T E N T S

PLATE

1.....	Green Foxtail
2.....	Sweet Grass or Holy Grass
3.....	Wild Oats
4.....	Chess or Cheat
5.....	Common Darnel
6.....	Couch, Quack or Scutch Grass
7.....	Skunk Grass, Wild Barley or Squirrel-Tail Grass
8.....	Couch or Quack Grass, Rye and Timothy attacked by Ergot
9.....	Curled Dock
10.....	Sheep Sorrel
11.....	Pale Persicaria
12.....	Wild Buckwheat or Black Bindweed
13.....	Lamb's Quarters or Pigweed
14.....	Russian Pigweed
15.....	Russian Thistle
16.....	Redroot Pigweed or Green Amaranth
17.....	Corn Spurrey
18.....	Common Chickweed
19.....	Purple Cockle or Corn Cockle
20.....	White Cockle
21.....	Night-Flowering Catchfly or Sticky Cockle
22.....	Bladder Campion
23.....	Cow Cockle or Cow-Herb
24.....	Purslane or Pusley
25.....	Tall Buttercup or Crowfoot
26.....	Wood Whitlow Grass
27.....	Stinkweed or Field Pennycress
28.....	Wild Peppergrass
29.....	Shepherd's Purse
30.....	False Flax
31.....	Ball Mustard
32.....	Wild Radish or Jointed Charlock
33.....	Wild Mustard or Charlock
34.....	Hare's-Ear Mustard
35.....	Tumbling Mustard
36.....	Green Tansy Mustard
37.....	Worm-Seed Mustard
38.....	Hardhack or Steeple Bush
39.....	Upright or Rough Cinquefoil
40.....	Common Vetch or Wild Tare
41.....	Common St. John's-Wort
42.....	White Evening-Primrose

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1. Green Jaybird 1

2. Green Oriole or Gold Oriole 2

3. Goldfinch 3

4. Blue Jay 4

5. Common Nighthawk 5

6. Great Horned Owl 6

7. Sharp-shinned Hawk 7

8. Screech Owl 8

9. Catbird 9

10. Song Sparrow 10

11. Field Sparrow 11

12. White-throated Sparrow 12

13. Chipping Sparrow 13

14. American Pipit 14

15. Kingbird 15

16. Red-shouldered Hawk 16

17. Sharp-shinned Hawk 17

18. Common Chickadee 18

19. Parula 19

20. White-crowned 20

21. Red-winged Blackbird 21

22. Blue Jay 22

23. Cowbird 23

24. Towhee 24

25. Field Sparrow 25

26. White-throated Sparrow 26

27. Sharp-shinned Hawk 27

28. Field Sparrow 28

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98. Field Sparrow 98

99. Field Sparrow 99

100. Field Sparrow 100

C O N T E N T S

PLATE

43	Spotted Cowbane or Water Hemlock
44	Field Bindweed
45	Clover Dodder
46	Blue Bur or Stickseed
47	Blue-Weed or Viper's Bugloss
48	Common Hemp Nettle
49	Hedge Nettle or Woundwort
50	Toadflax or Butter and Eggs
51	Common Plantain
52	Buckhorn, Rib Grass or English Plantain
53	Narrow-Leaved or Fragrant Golden-Rod
54	Canada Fleabane or Horse-Weed
55	Poverty Weed
56	Great Ragweed
57	Common Ragweed or Hogweed
58	Yellow Daisy or Black-Eyed Susan
59	Stinking Mayweed
60	Ox-Eye or White Daisy
61	Common Ragwort or Stinking Willie
62	Common Burdock
63	Canada Thistle
64	Chicory
65	Fall Dandelion or August Flower
66	Perennial Sow-Thistle
67	Common or Annual Sow-Thistle
68	Prickly Lettuce
69	Blue Lettuce
70	Orange Hawkweed or Devil's Paint-Brush
71	King Devil

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Plate I

GREEN FOXTAIL
(*Setaria viridis* (L.) Beauv.)

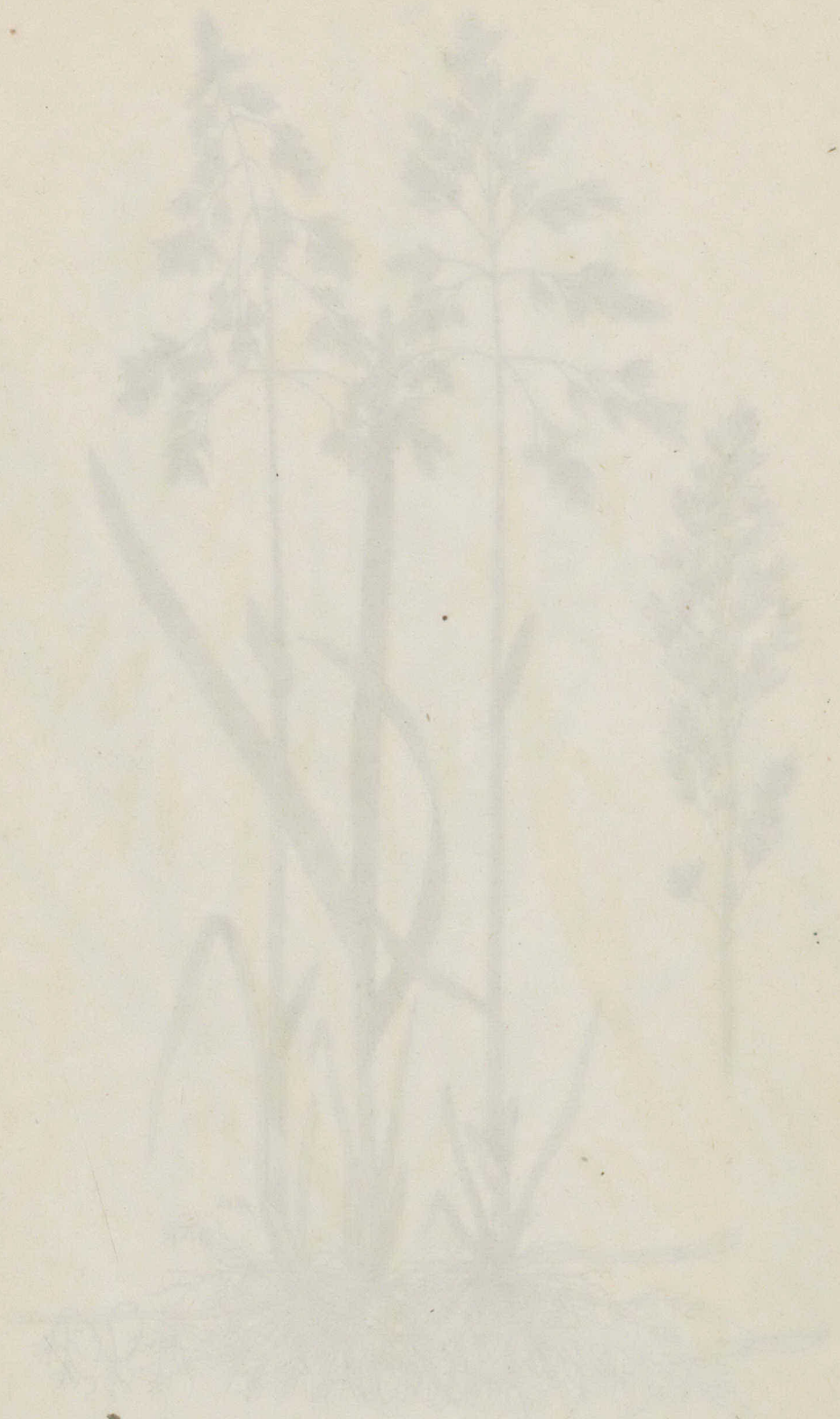


GREEN FOLIAGE
Potted Plant



Plate 2

SWEET GRASS OR HOLY GRASS
(*Hierochloa odorata* (L.) Wahlenb.)

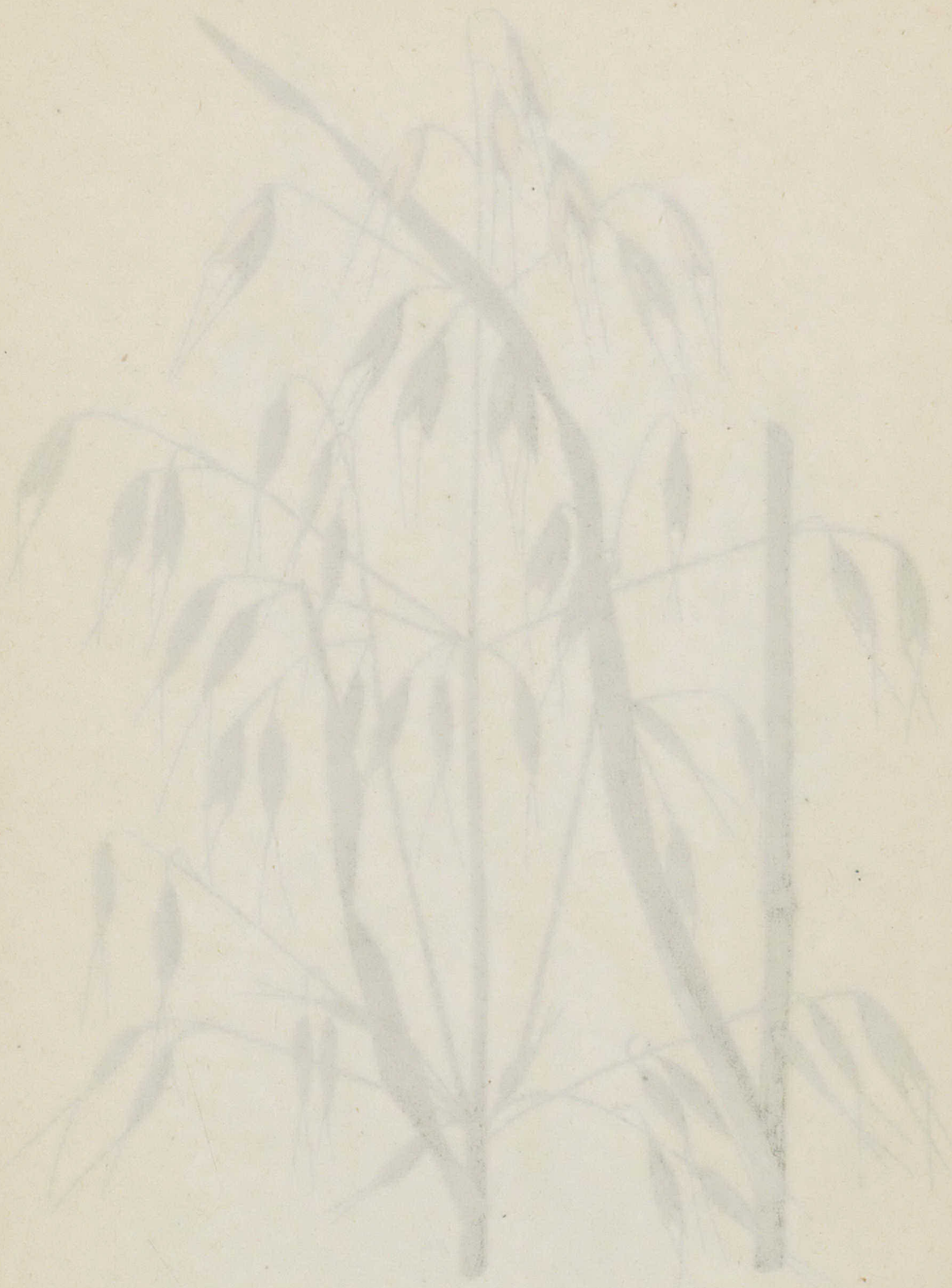


PLANT OF THE YEAR
1911



Plate 3

WILD OATS
(*Avena fatua* L.)



1872
1873
1874



J.C.

Plate 4

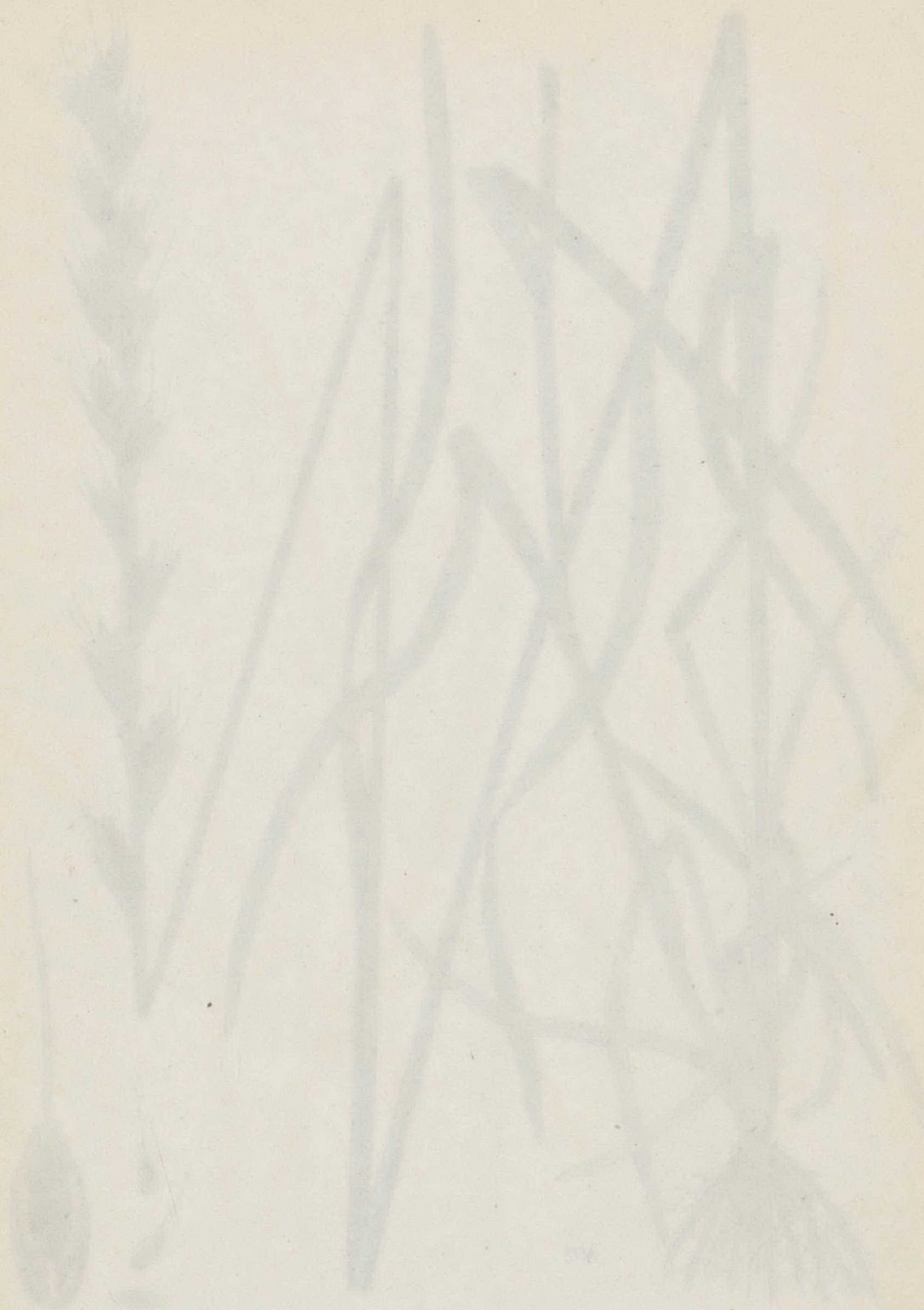
CHESS OR CHEAT
(*Bromus secalinus* L.)





Plate 5

COMMON DARNEL
(*Lolium temulentum* L.)



COMMON BRITISH
PLANT SOCIETY



Plate 6

COUCH, QUACK or SCUTCH GRASS
(*Agropyron repens* (L.) Beauv.)



GRASS
1880



Plate 7

SKUNK GRASS, WILD BARLEY OR SQUIRREL-TAIL GRASS
(*Hordeum jubatum* L.)



SPERMATOPHYTES WITH GARDEN OF BOTANICAL GARDEN



N.C.

Plate 8

COUCH OR QUACK GRASS, RYE AND TIMOTHY
attacked by Ergot



YERGENYAN, S. S. (1910) *Journal of the Botanical Society of America*, 25: 1-10



Plate 9

CURLED DOCK
(*Rumex crispus* L.)



PLATE 1
CERBERA ODORATA



Plate 10

SHEEP SORREL
(*Rumex Acetosella* L.)



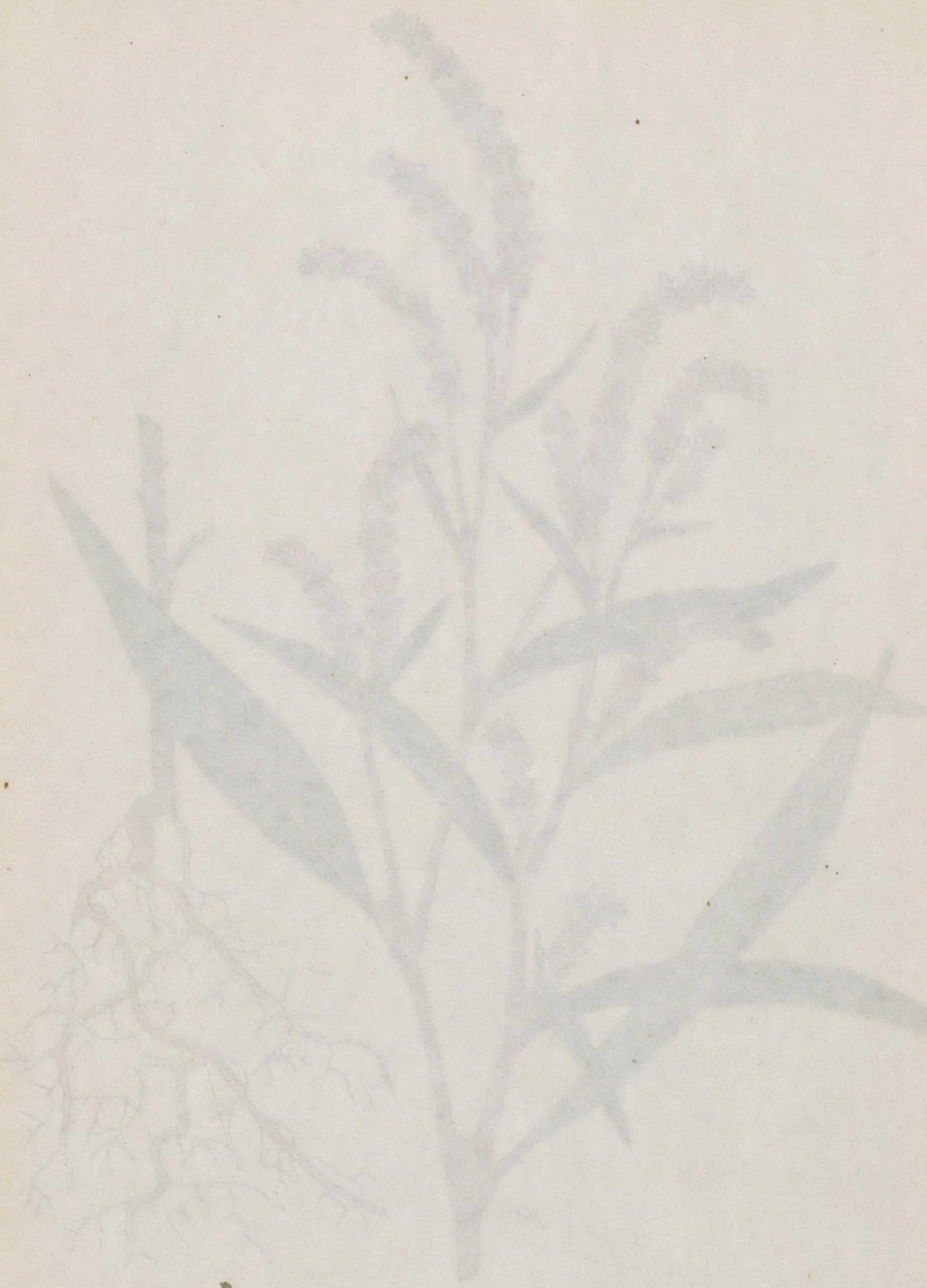
Drawn
J. S. R. 1880
12. 21. 1880



N.C.

Plate II

PALE PERSICARIA
Polygonum lapathifolium L.)

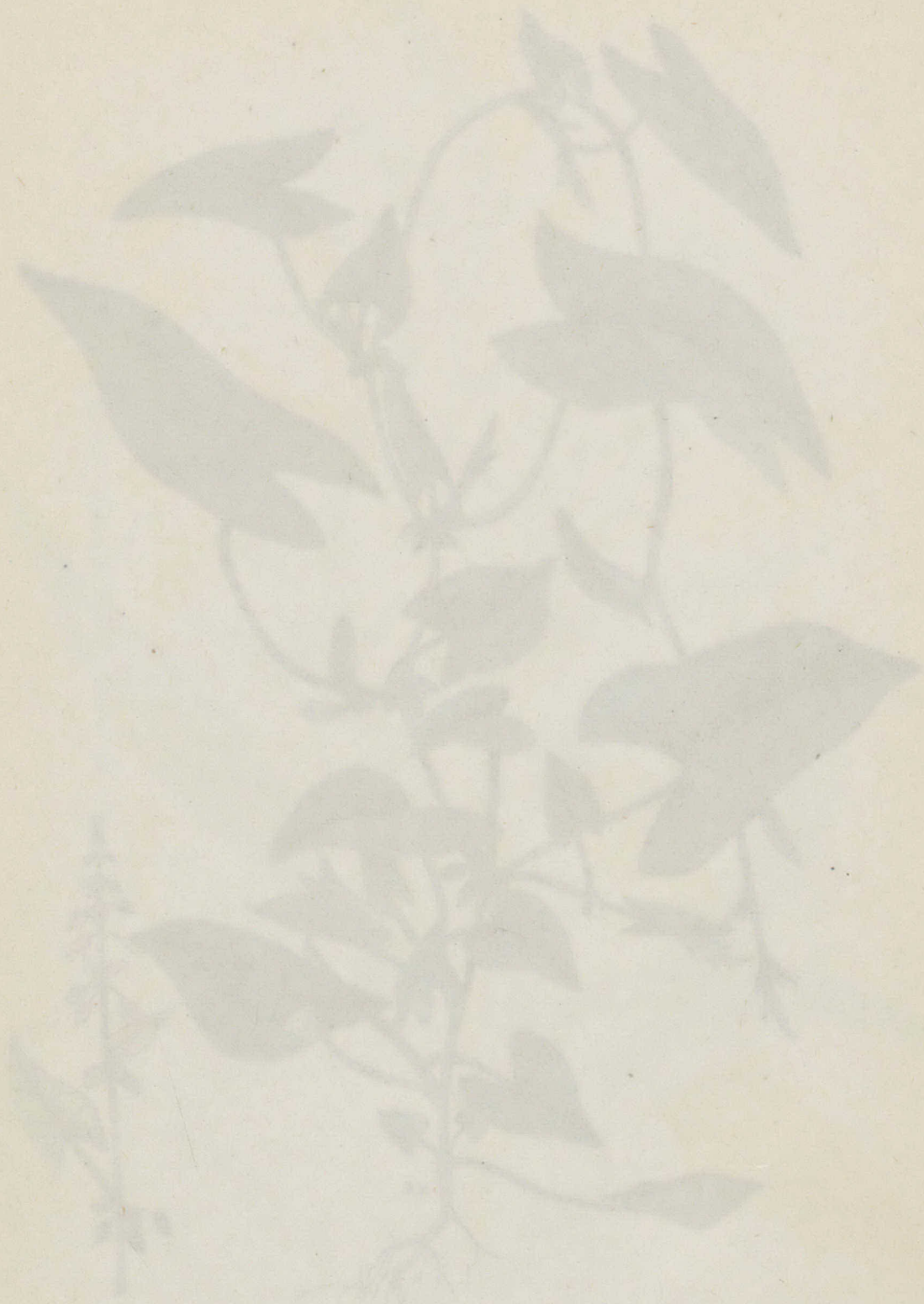


PLANT
1850
1850



Plate 12

WILD BUCKWHEAT OR BLACK BINDWEED
(*Polygonum convolvulus L.*)

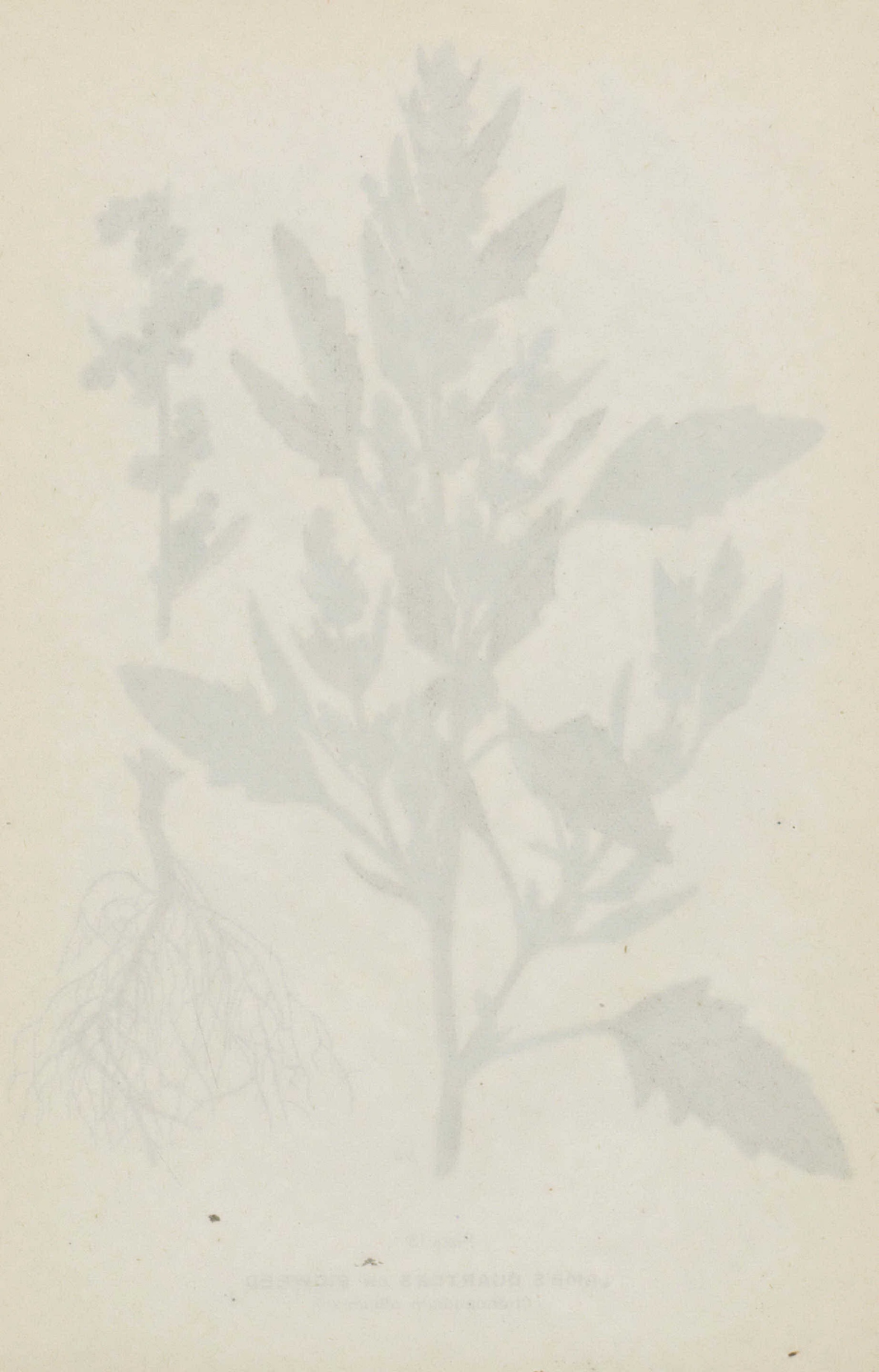


PLANT
AND BUCKWHEAT OF BLACK BIRCH
Polypodium Complanatum



Plate 13

LAMB'S QUARTERS OR PICWEED
(*Chenopodium album* L.)



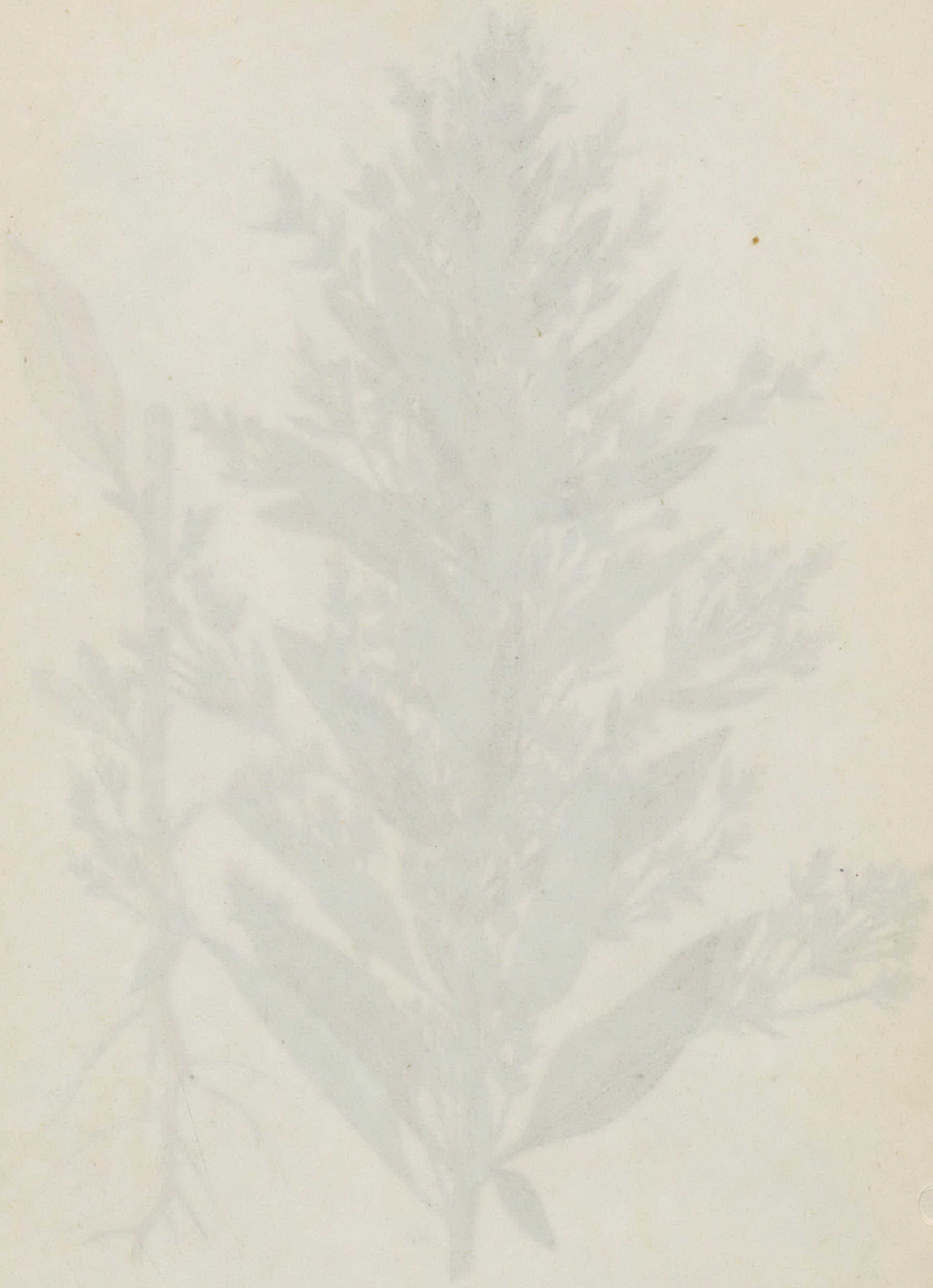
WATERMARK: JOHN H. BROWN & CO. NEW YORK



N.C.

Plate 14

RUSSIAN PIGWEED
(*Axyris amarantoides* L.)



HERBARIUM
UNIVERSITATIS
CAMBRIGIÆ



N.C.
Plate 15

RUSSIAN THISTLE
(*Salsola Kali* L. Var. *tenuifolia* G.F.W. Meyer)



PLANT OF THE YEAR

1910



Plate 16

REDROOT PIGWEED OR GREEN AMARANTH
(*Amaranthus retroflexus* L.)



REPRODUCED FROM THE
HERBARIUM OF THE
MUSEUM OF NATURAL HISTORY
AT THE UNIVERSITY OF CHICAGO



Plate 17

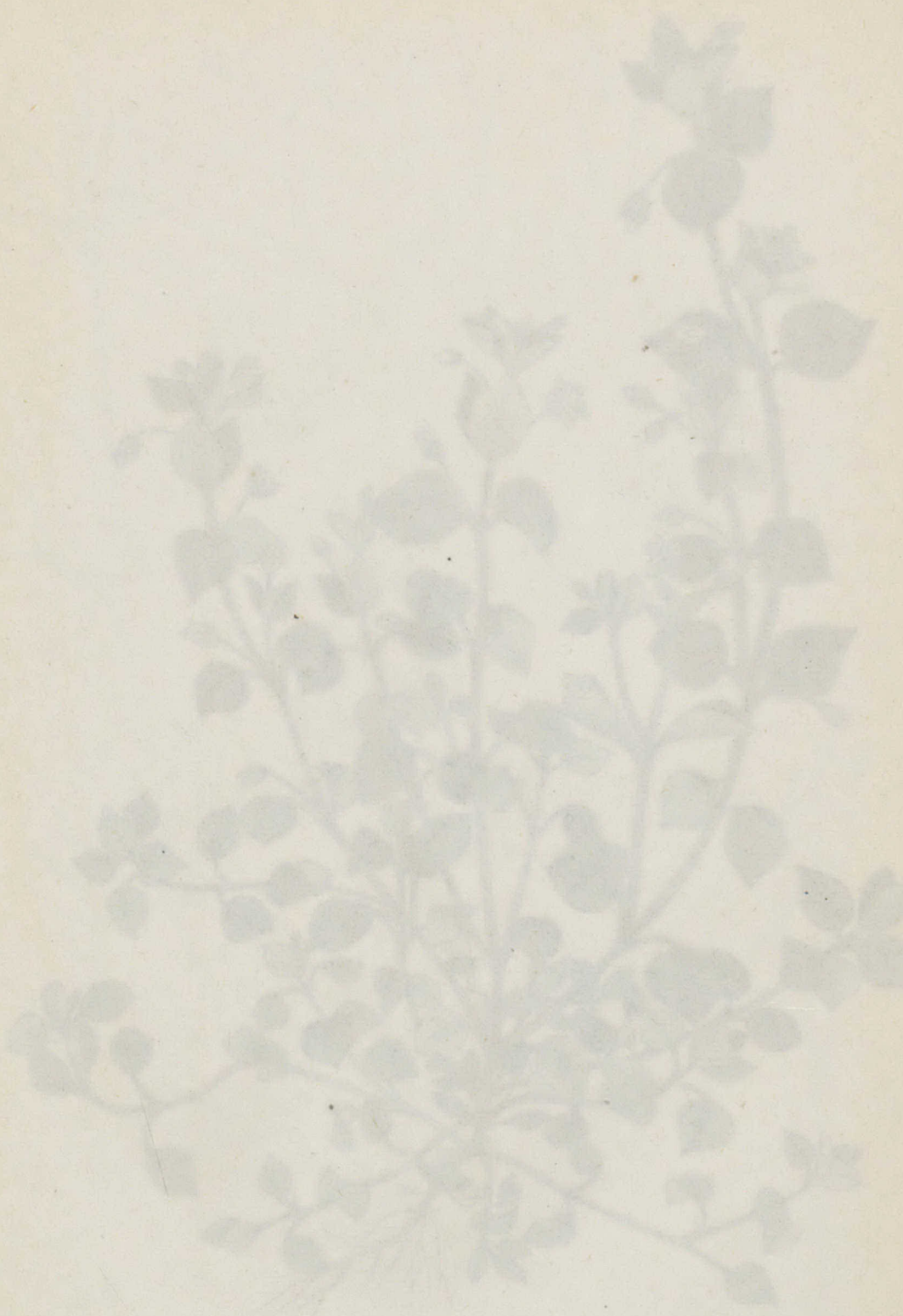
CORN SPURREY
(*Spergula arvensis* L.)





Plate 18

COMMON CHICKWEED
(*Stellaria media* (L.) Crill.)



COMMON DANCER
1898



Plate 19

PURPLE COCKLE OR CORN COCKLE
(*Agrostemma Githago L.*)



PLANTAE COCINTAE
COCINTA



Plate 20

WHITE COCKLE
(*Lychnis alba* Mill.)



PLANT
WHITE COCK
of the...



Plate 21

NIGHT-FLOWERING CATCHFLY OR STICKY COCKLE
(*Silene noctiflora* L.)

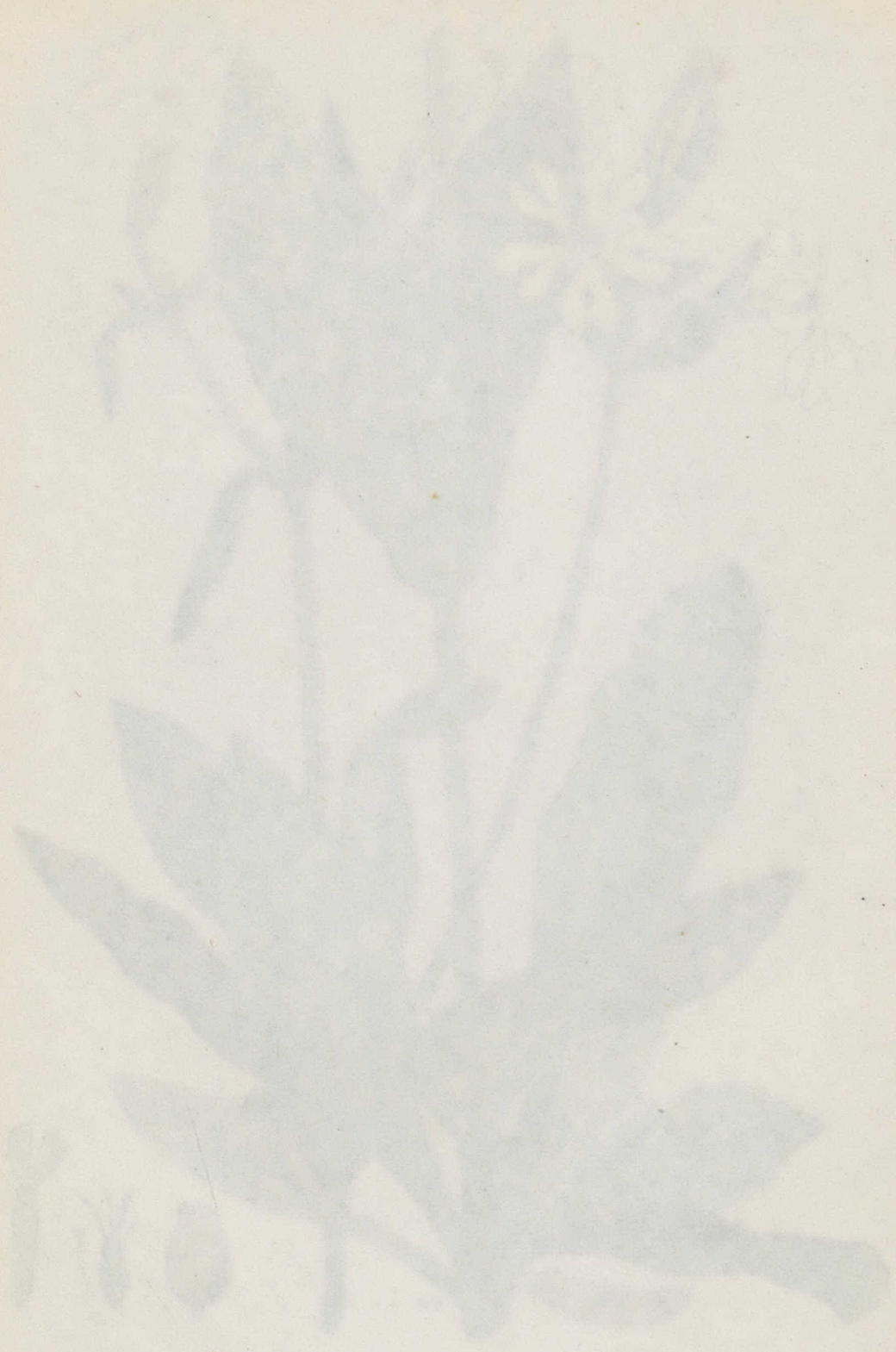




Plate 22

BLADDER CAMPION
(*Silene latifolia* (Mill.) Britten & Kendall.)



PLANTAE
RUBUS LAMINIFOLIA
Linn. Sp. Pl. 1000. t. 127. f. 1.



Plate 23

COW COCKLE OR COW-HERB
(*Saponaria Vaccaria* L.)



HERB. BOT. AN. 11200. 1882.



Plate 24

PURSLANE OR PUSLEY
(*Portulaca oleracea* L.)



THE UNIVERSITY OF CHICAGO
LIBRARY



Plate 25.
TALL BUTTERCUP OR CROWFOOT
(*Ranunculus acris* L.)



THE UNIVERSITY OF TORONTO
LIBRARY



N.C.

Plate 26

WOOD WHITLOW GRASS
(*Draba nemorosa* L.)



WOOD WILLOW GRASS
1890



Plate 27

STINKWEED OR FIELD PENNYCRESS
(*Thlaspi arvense* L.)



STANDARD OF THE UNIVERSITY OF TORONTO
LIBRARY OF THE UNIVERSITY OF TORONTO



Plate 28

WILD PEPPERGRASS
(*Lepidium apetalum* Willd.)

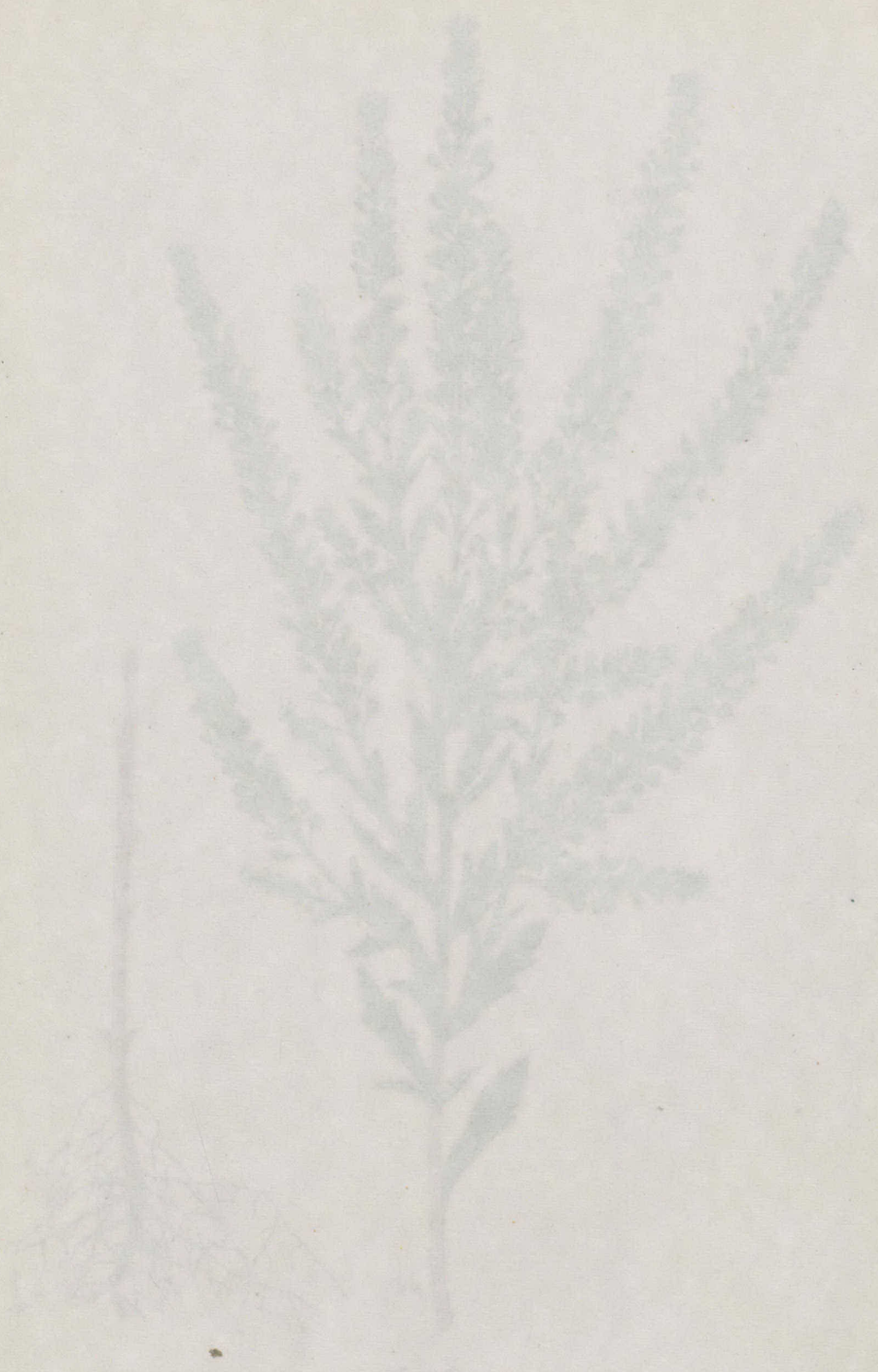




Plate 29

SHEPHERD'S PURSE
(*Capsella Bursa-pastoris* (L.) Medic)





Plate 30

FALSE FLAX
(*Camelina sativa* (L.) Grunz)



FRUIT FROM
[Illegible text]



Plate 31

BALL MUSTARD
(*Neslia paniculata* (L.) Desv.)



BALL MUSTARD

Barbarea orthoceras L.



N.C.

Plate 32
WILD RADISH OR JOINTED CHARLOCK
(*Raphanus raphanistrum* L.)



Plate 33

WILD MUSTARD OR CHARLOCK
(*Brassica arvensis* (L.) Ktze.)

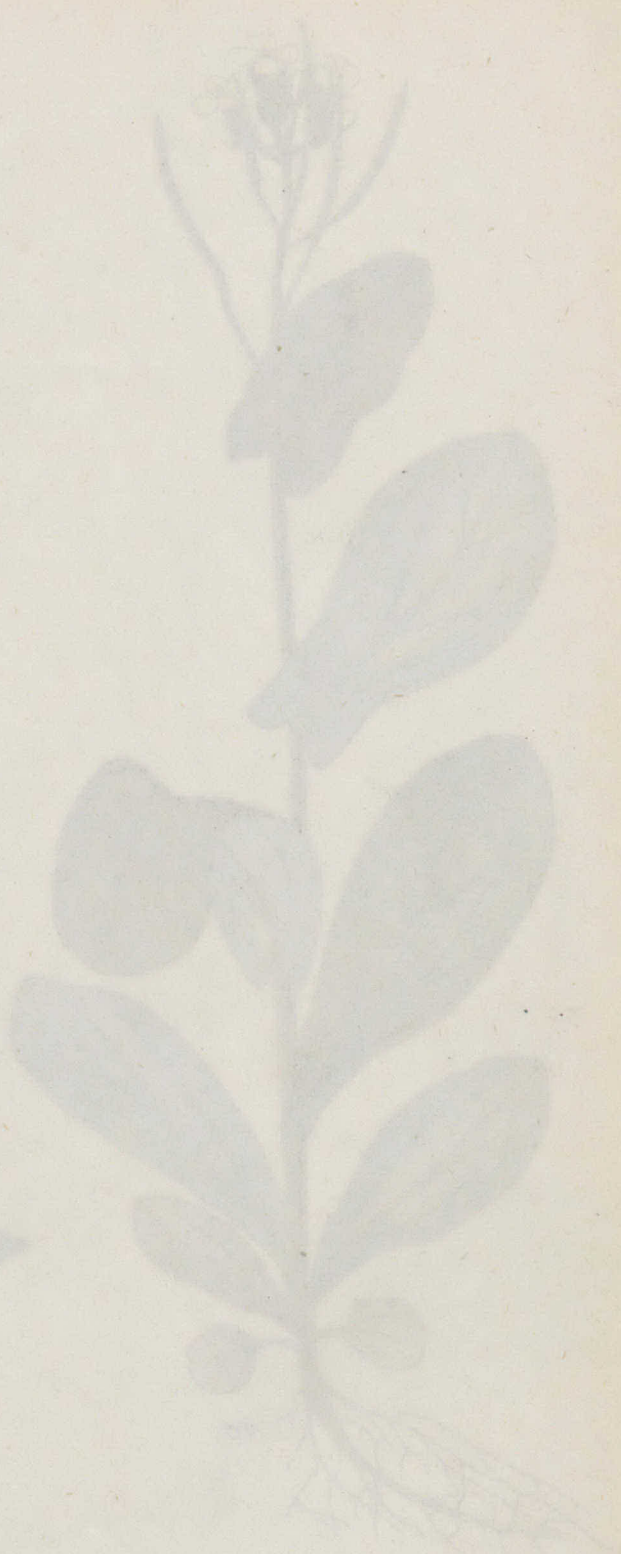


Mustard
SINAPIS ALBA



Plate 34

HARE'S-EAR MUSTARD
(*Conringia orientalis* (L.) Dumort.)



WATERBURY MOUNTAIN

PLANT OF THE MOUNTAIN



Plate 35

TUMBLING MUSTARD
(*Sisymbrium altissimum* L.)



TUMBLING MUSTARD
Thlaspi arvense L.



Plate 36

GREEN TANSY MUSTARD
(*Sisymbrium incisum* Engelm. var. *filipes* Gray.)

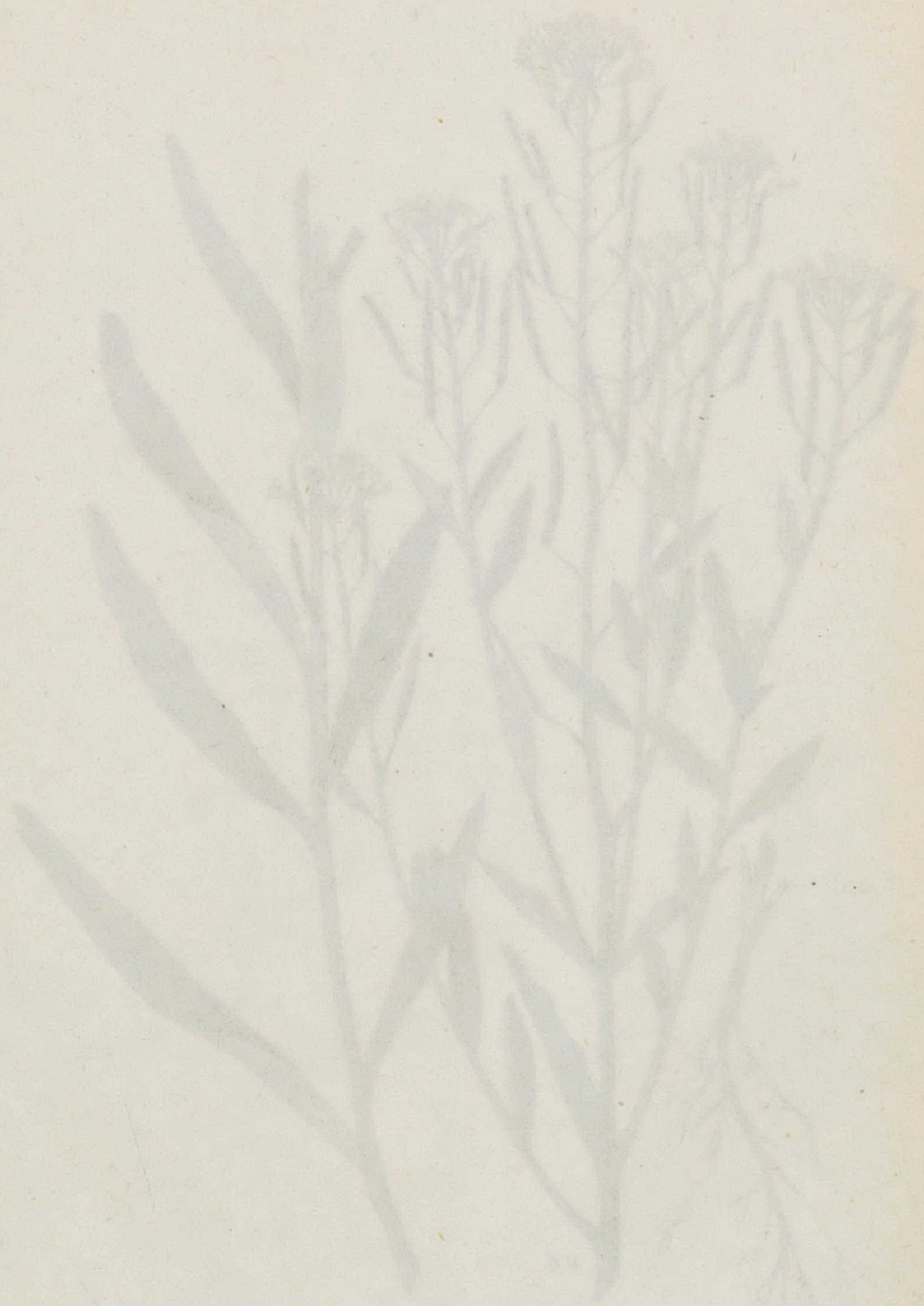


GREEN TANSY MUSTARD



Plate 37

WORM-SEED MUSTARD
(*Erysimum cheiranthoides* L.)



1892
WATERBURY MUSEUM
HERBARIUM



Plate 38

HARDHACK OR STEEPLE BUSH
(*Spiraea tomentosa* L.)



PLATE 1
RESEARCH ON STEEL BUSH
L. J. H. H. H. H.



N.c.

Plate 39

UPRIGHT OR ROUGH CINQUEFOIL
(*Potentilla monspeliensis* L.)

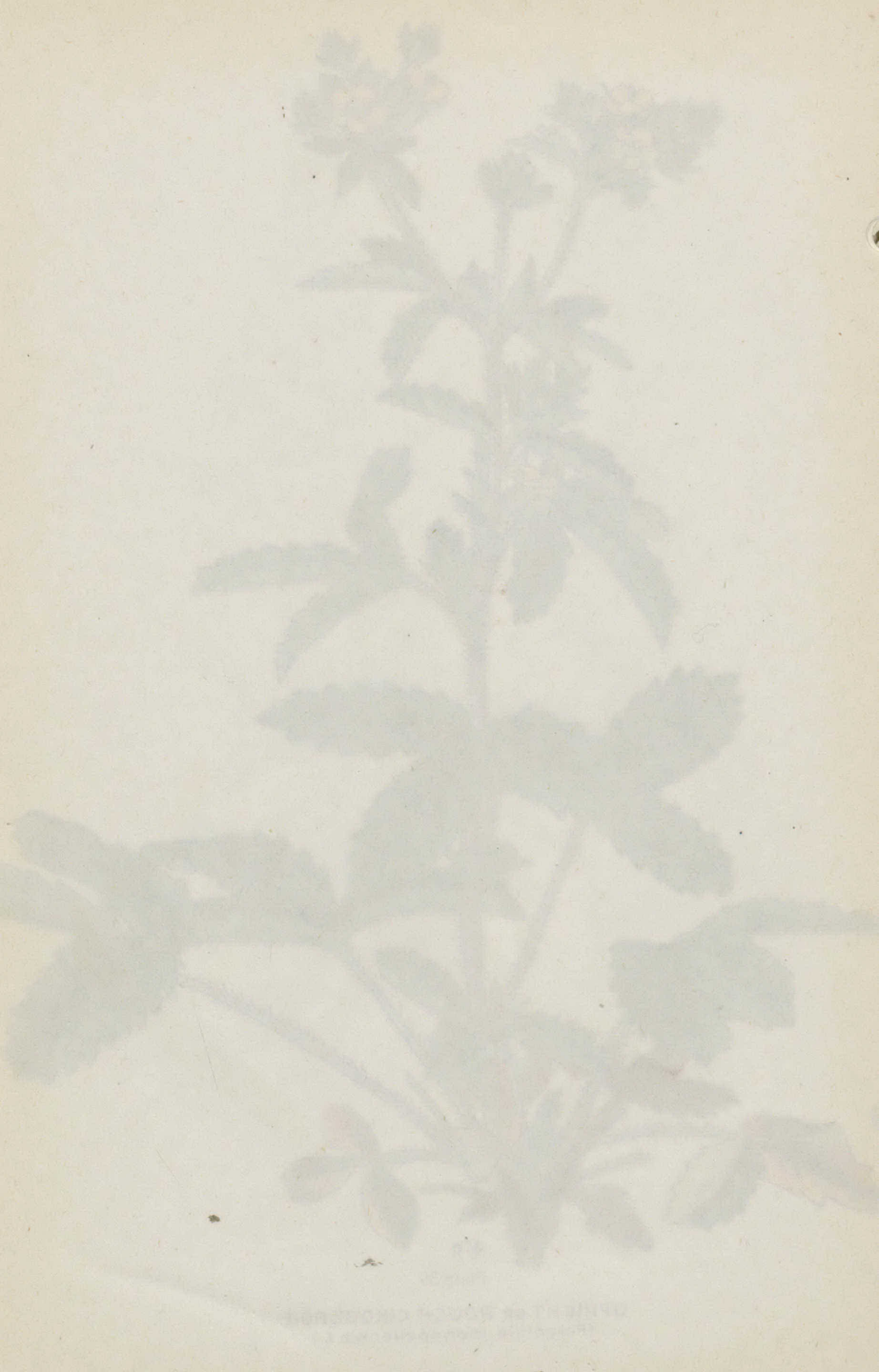
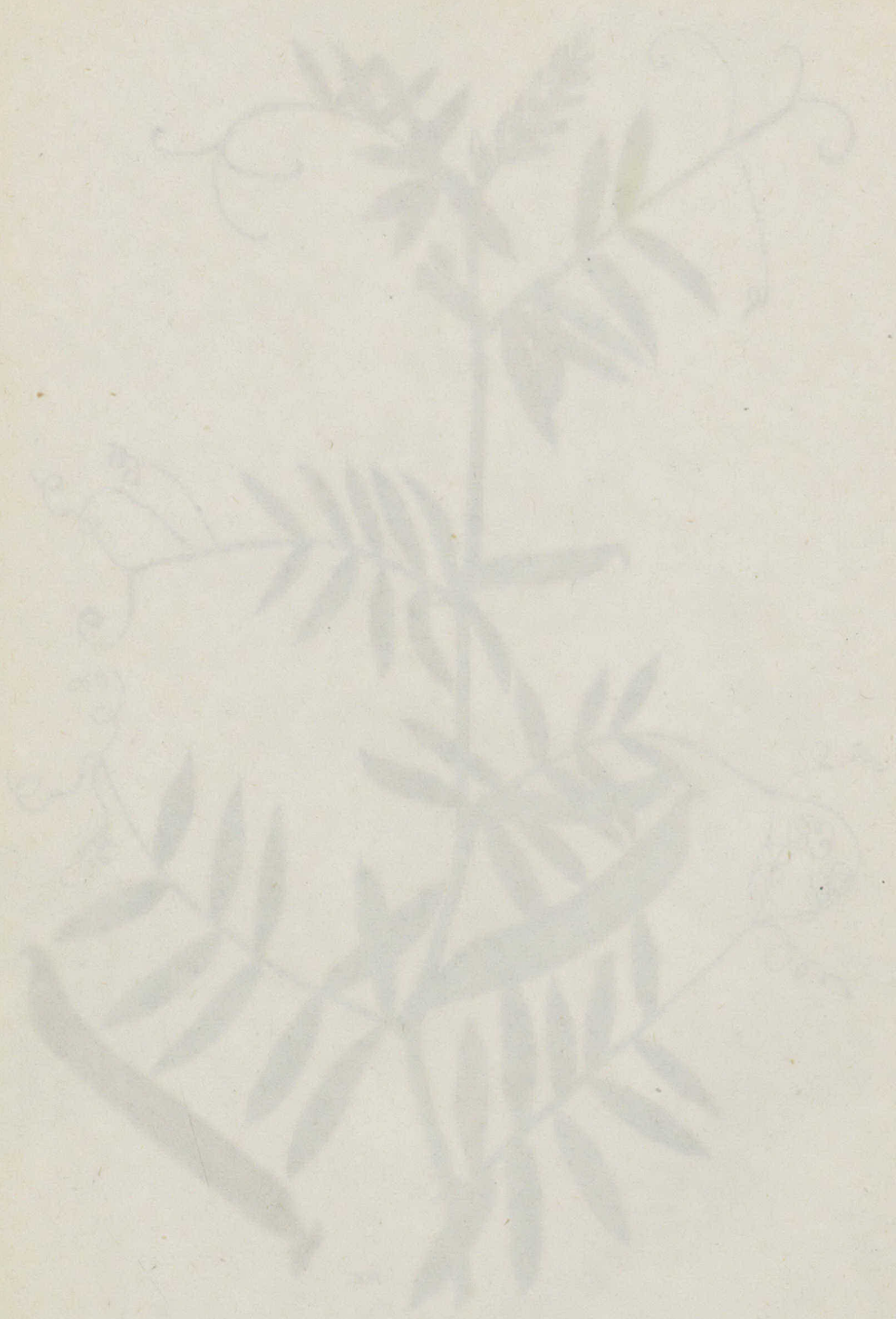




Plate 40

COMMON VETCH OR WILD TARE
(*Vicia angustifolia* (L.) Reichard.)



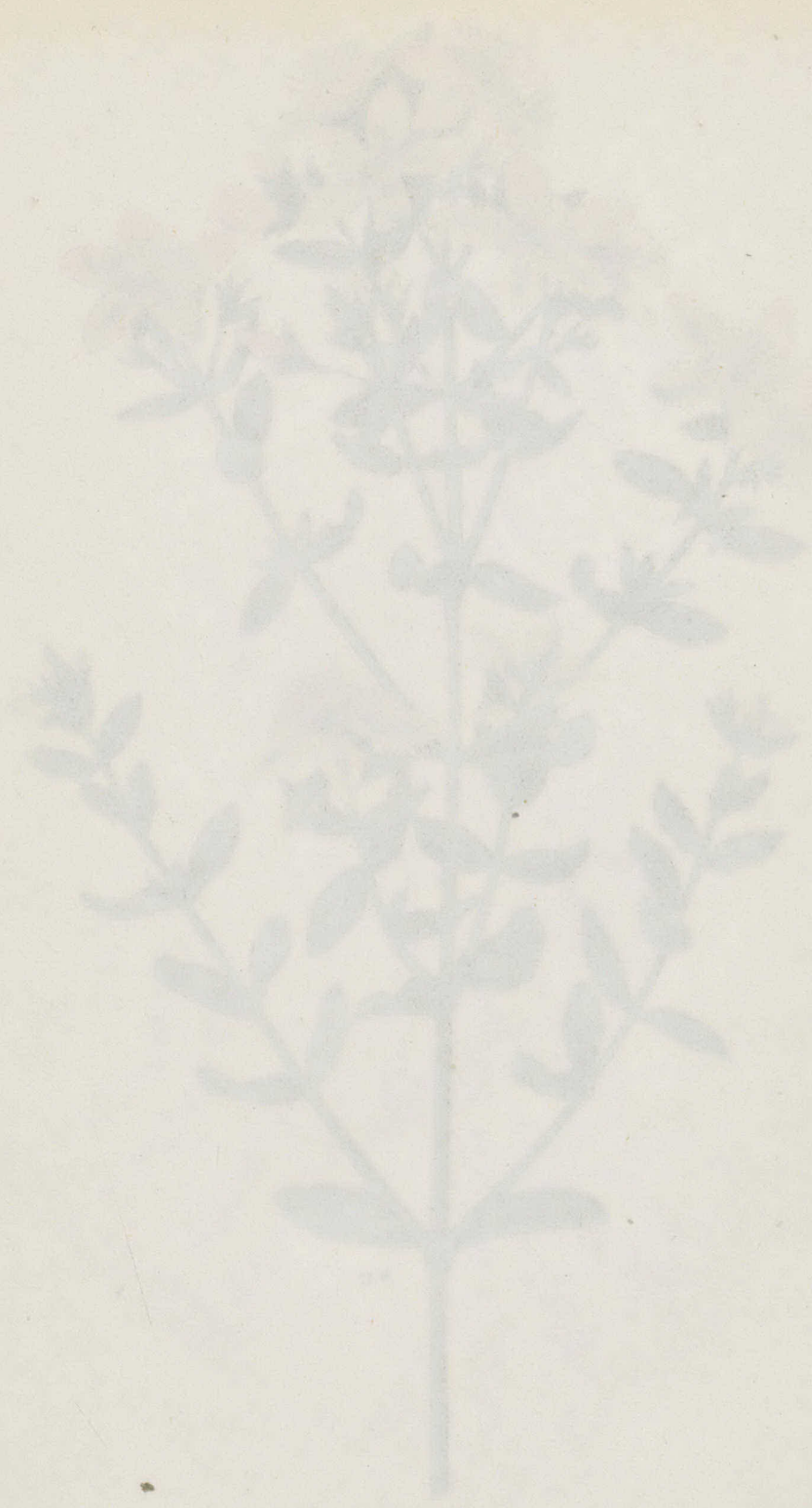
WATERMARK



N.C.

Plate 41

COMMON ST. JOHN'S-WORT
(*Hypericum perforatum* L.)

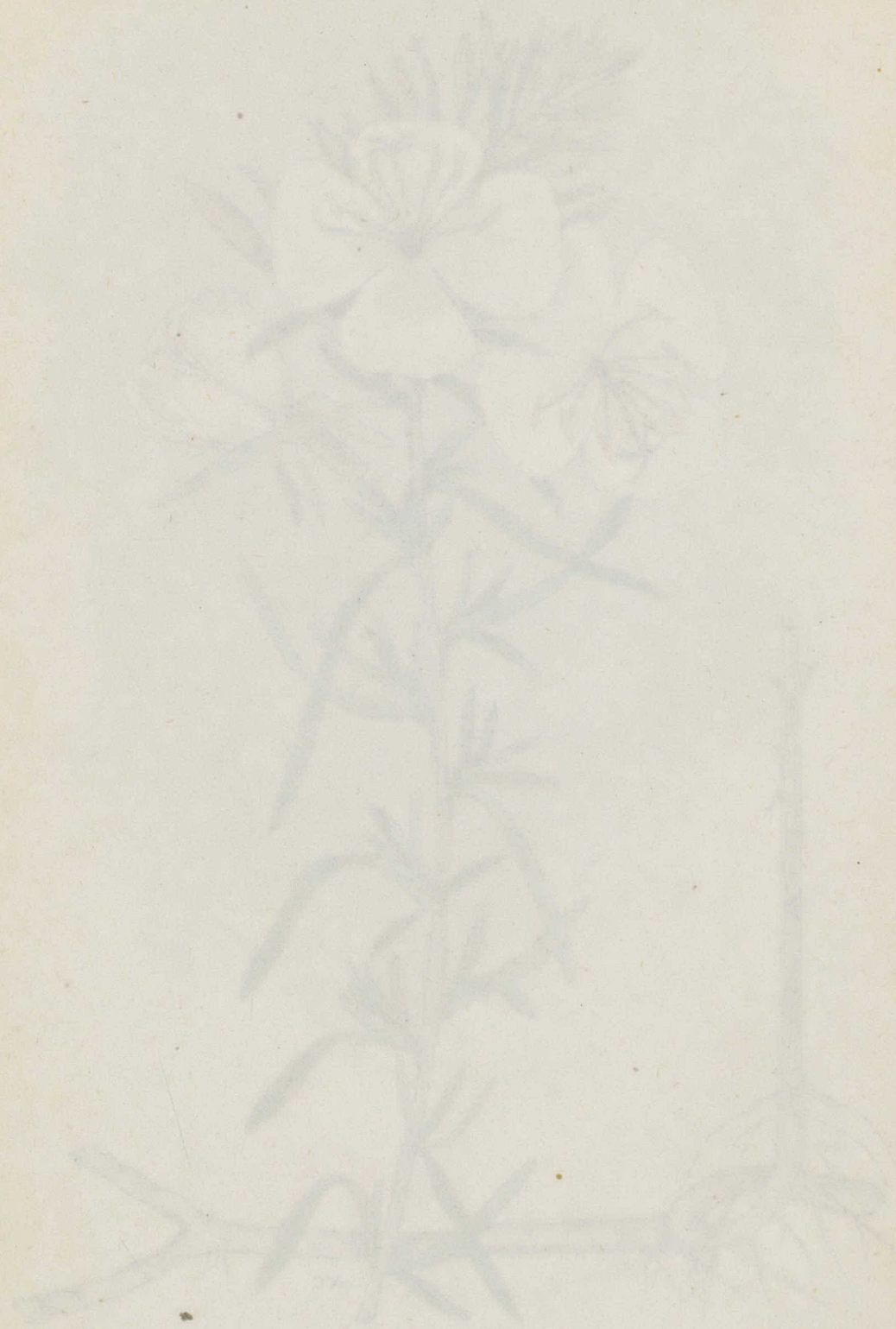


DRUG STORES & DISPENSARIES
LONDON & NEW YORK



Plate 42

WHITE EVENING-PRIMROSE
(*Oenothera pallida* Lindl.)



WHITE EMBROIDERED PINKS

Illustrated by J. G. Smith



Plate 43

SPOTTED COWBANE OR WATER HEMLOCK
(*Cicuta maculata* L.)



BRITISH BOTANICAL SOCIETY
LONDON



Plate 44

FIELD BINDWEED
(*Convolvulus arvensis*, L.)

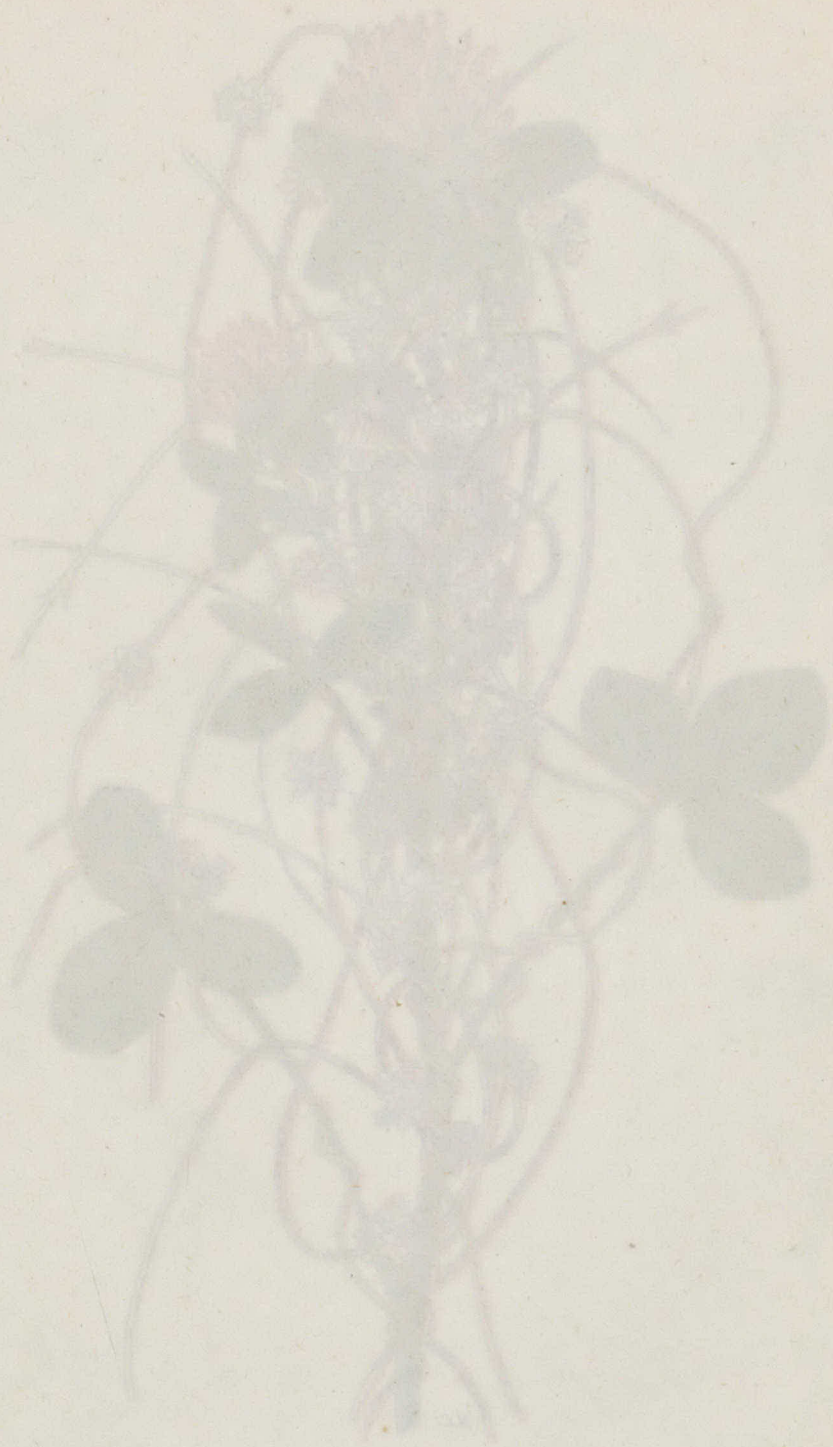


PLANT
FIELD BROWNED
(C.)



Plate 45

CLOVER DODDER
(*Cuscuta* sp.)



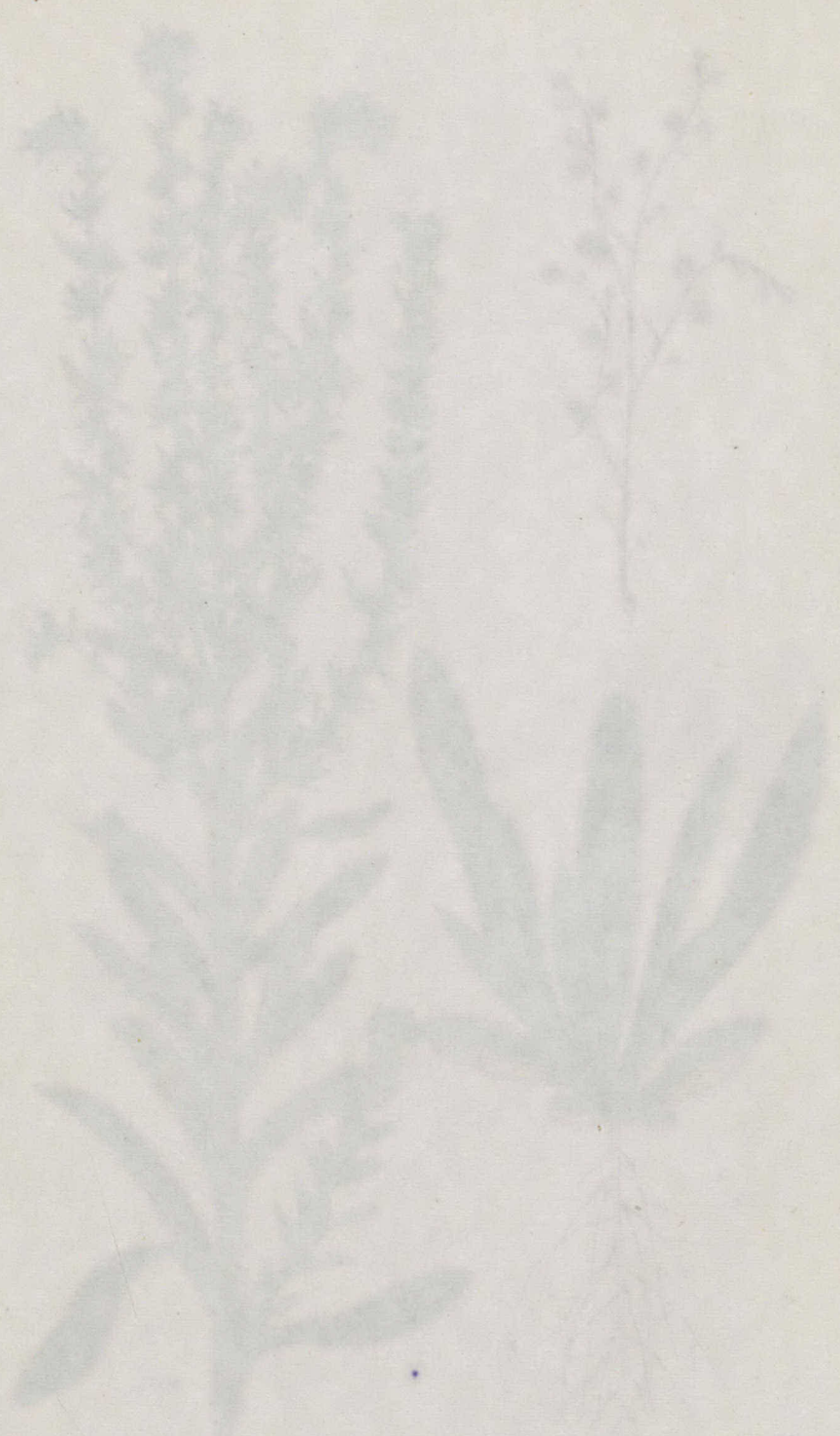
FLOWER GARDEN

Illustrations by



Plate 46

BLUE BUR OR STICKSEED
(*Lappula echinata* *Gilbert*)



PLANT OF THE YEAR
1900



Plate 47

BLUE-WEED OR VIPER'S BUGLOSS
(*Echium vulgare* L.)

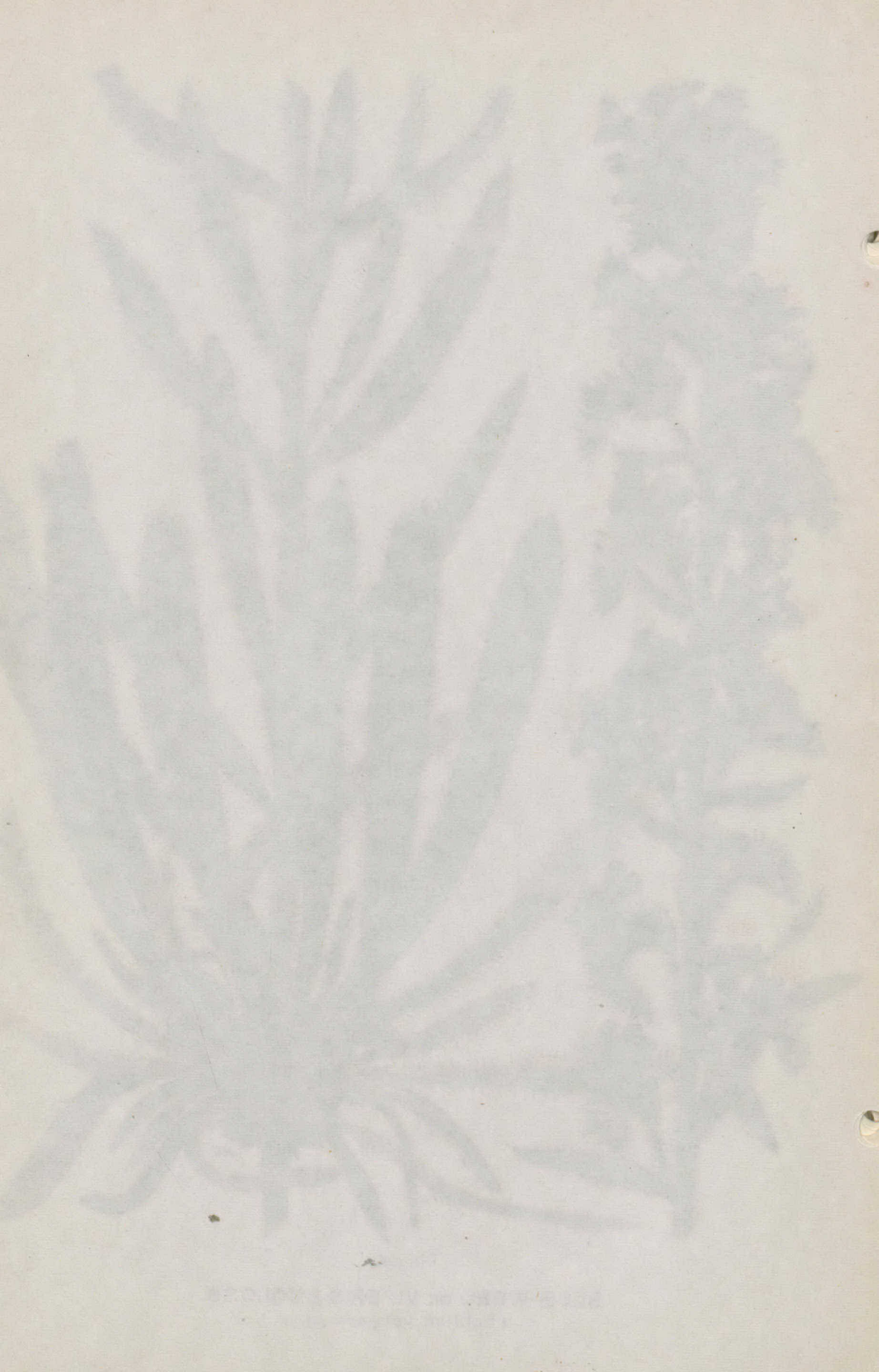




Plate 48

COMMON HEMP NETTLE
(*Galeopsis Tetrahit* L.)

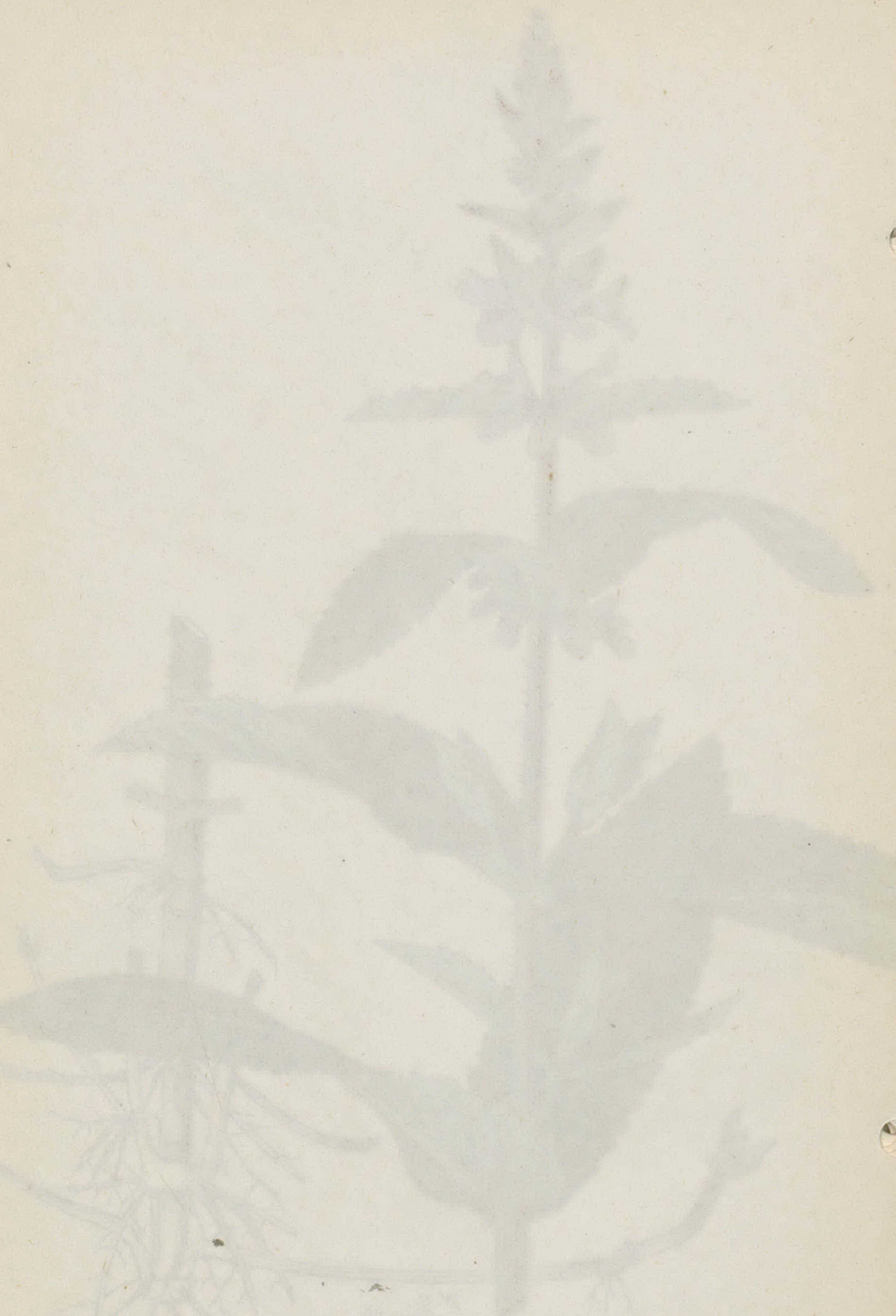


COMMON HEMP NETTLE
Urtica dioica L.



N.C.
Plate 49

HEDGE NETTLE OR WOUNDWORT
(*Stachys palustris* L.)



HERBARIUM OF THE
UNIVERSITY OF TORONTO



Plate 50

TOADFLAX OR BUTTER AND EGGS
(*Linaria vulgaris* Mill.)

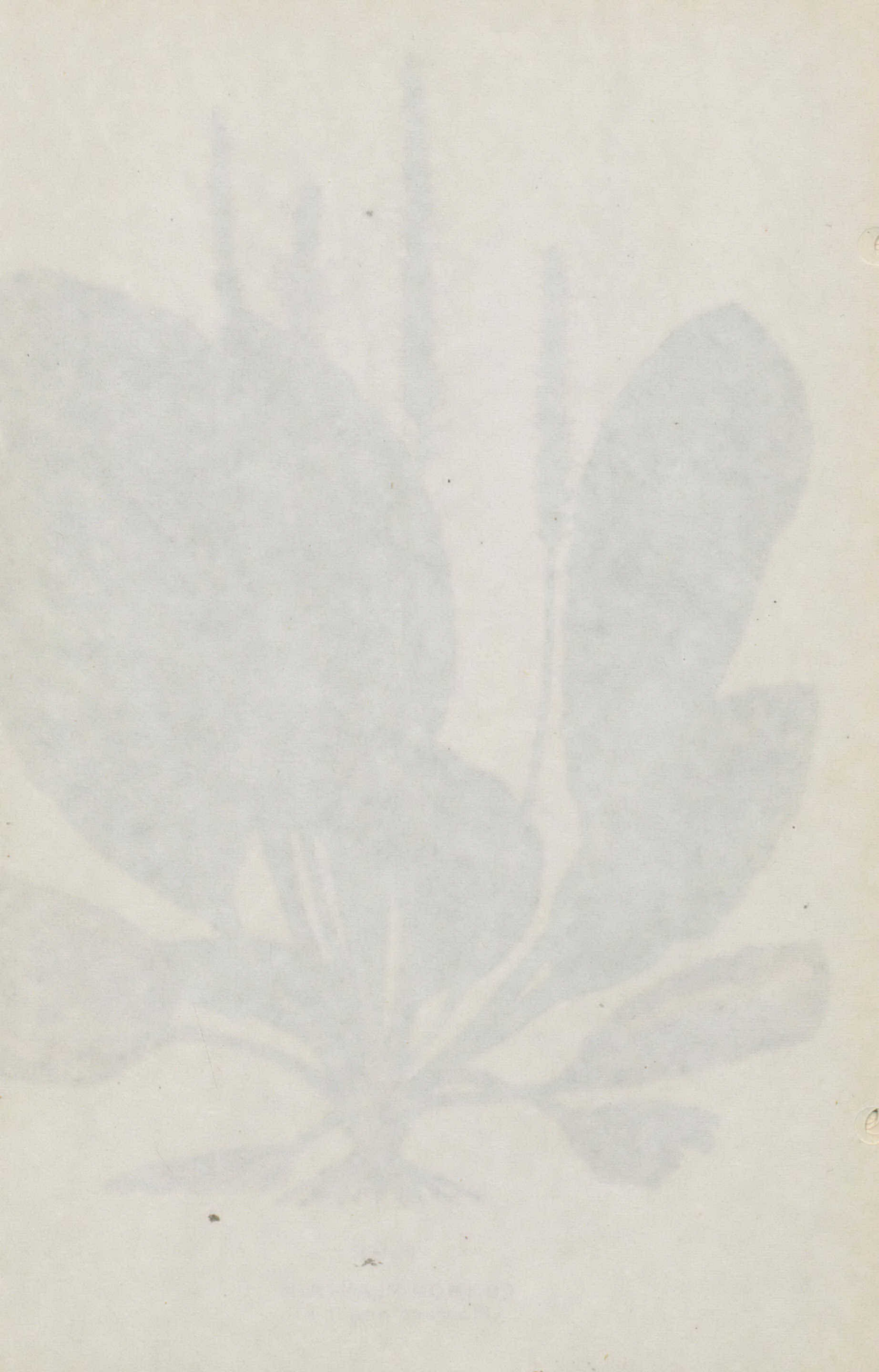


TABLET OF BUTTER AND EGGS
LITHO IN GREAT BRITAIN



Plate 51

COMMON PLANTAIN
(*Plantago major* L.)



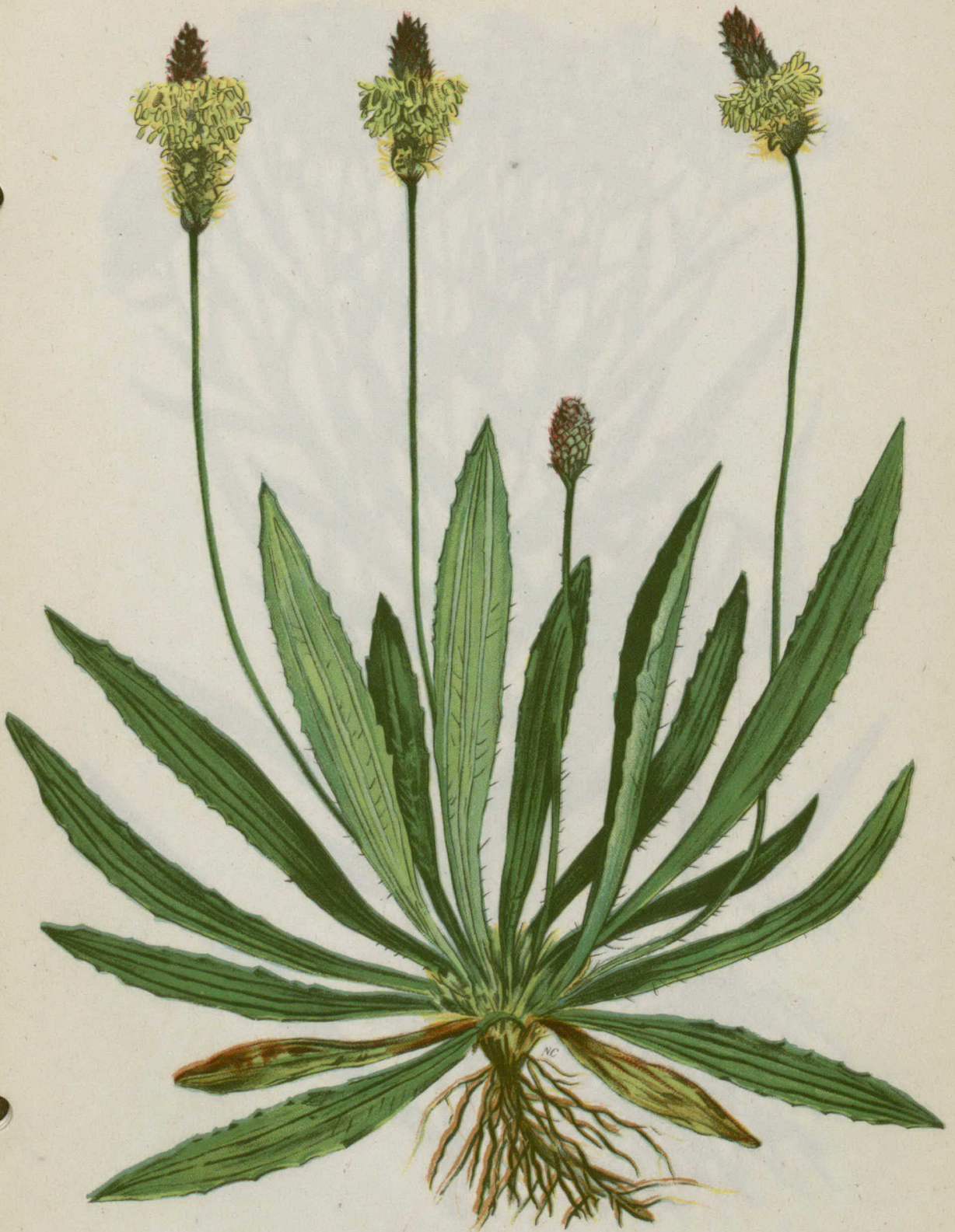


Plate 52

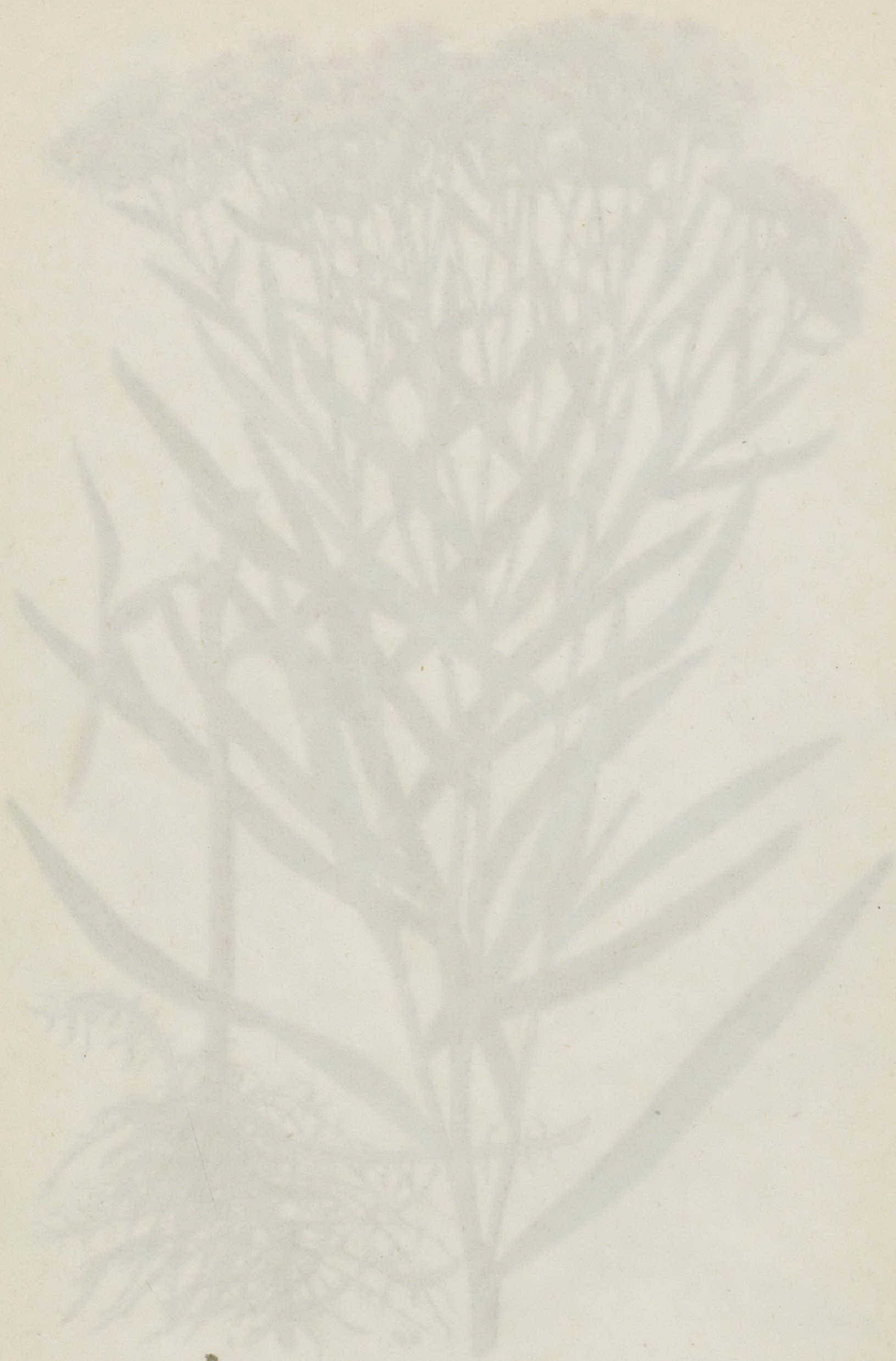
BUCKHORN, RIB GRASS or ENGLISH PLANTAIN
(*Plantago lanceolata* L.)





Plate 53

NARROW-LEAVED OR FRAGRANT GOLDEN-ROD
(*Solidago graminifolia* (L.) Salisb.)



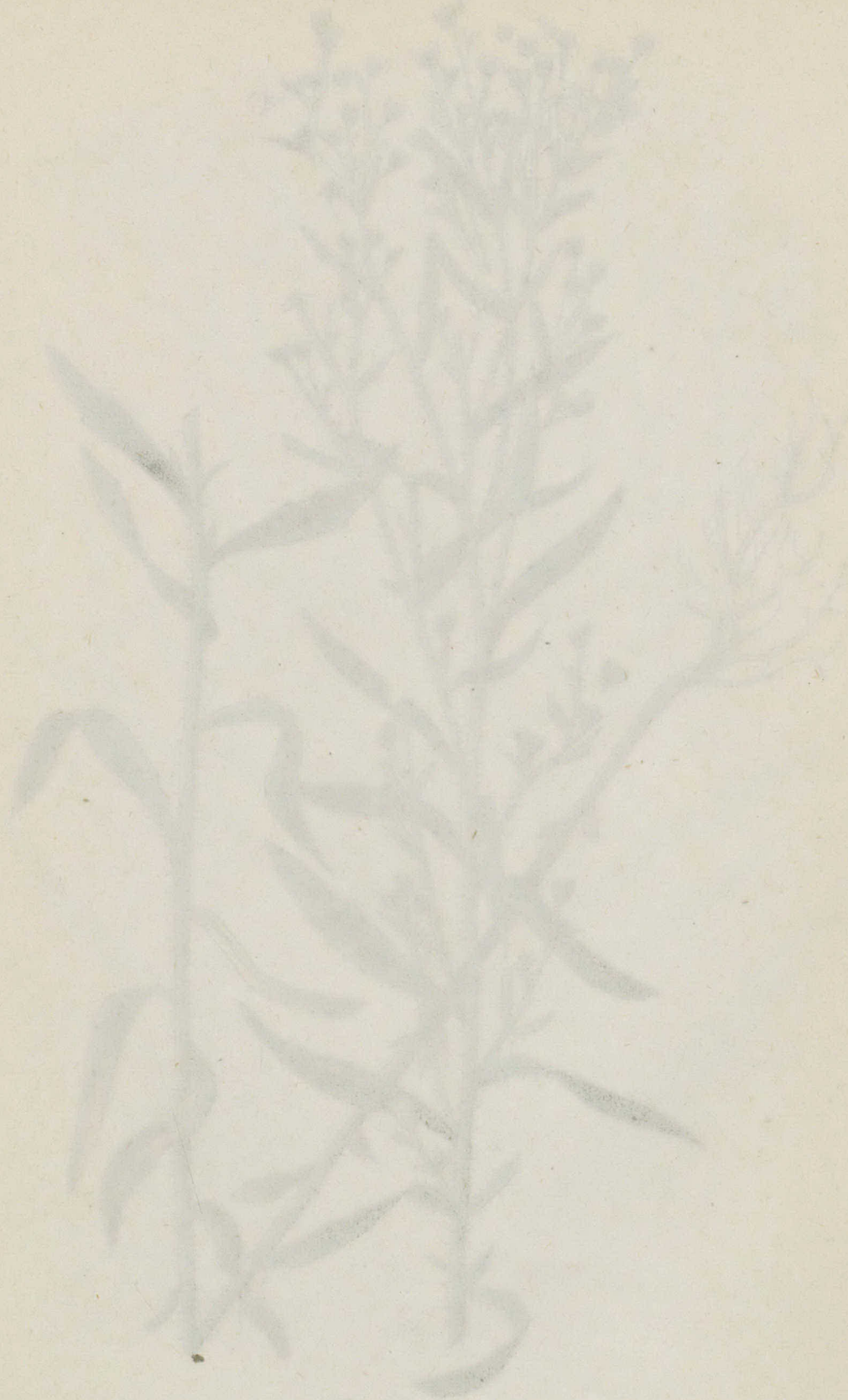
WATSON, JAMES & BISHOP, GOLDENROD
Botanical Illustrations



N.C.

Plate 54

CANADA FLEABANE OR HORSE-WEED
(*Erigeron canadensis* L.)



PLANT OF THE ...
...



Plate 55

POVERTY WEED
(*Iva axillaris Pursh.*)

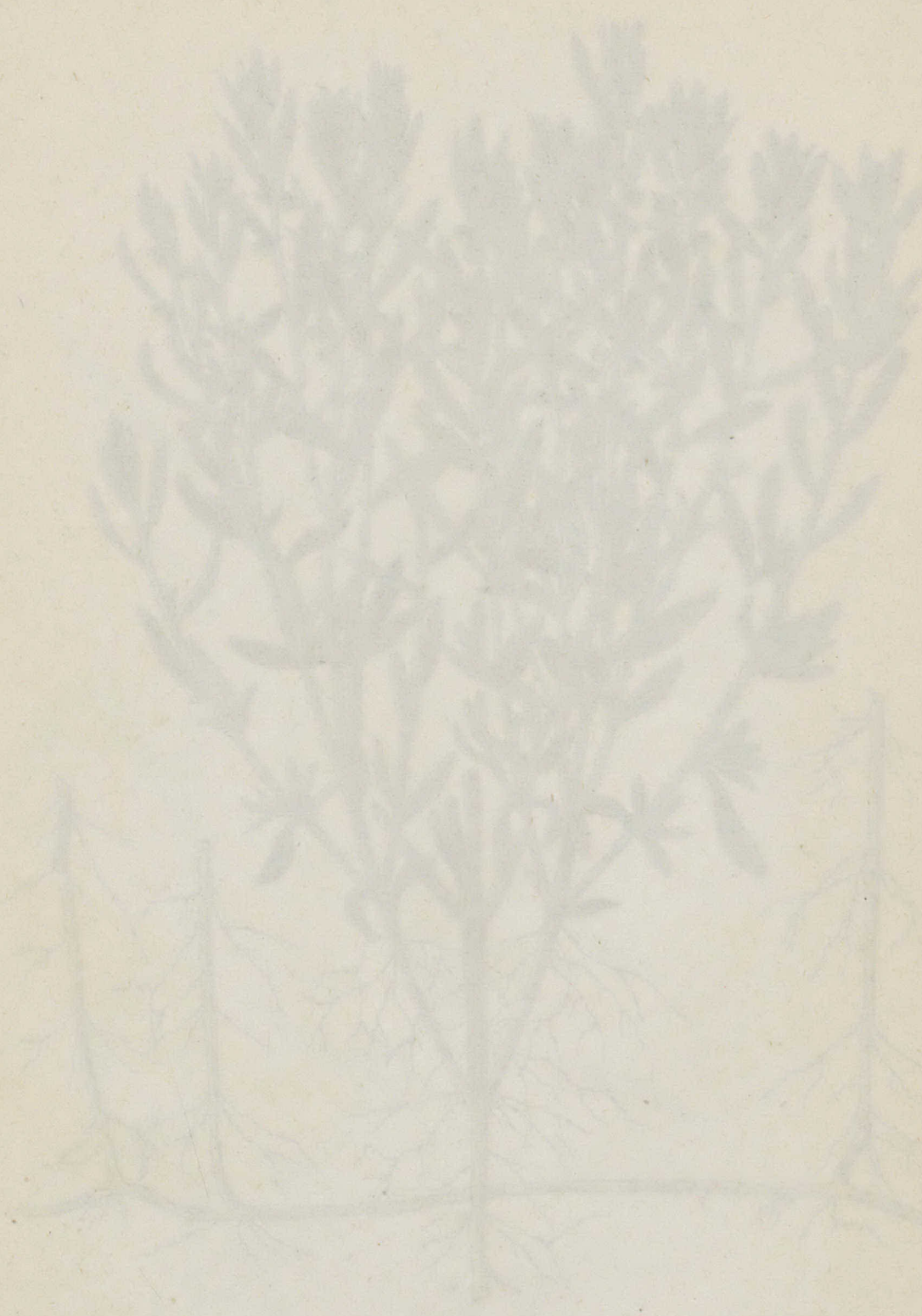




Plate 56

GREAT RAGWEED
(*Ambrosia trifida* L.)



1870
MUSEUM OF NATURAL HISTORY
GEORGETOWN, GUYANA



Plate 57

COMMON RAGWEED OR HOGWEED
(*Ambrosia artemisiifolia* L.)

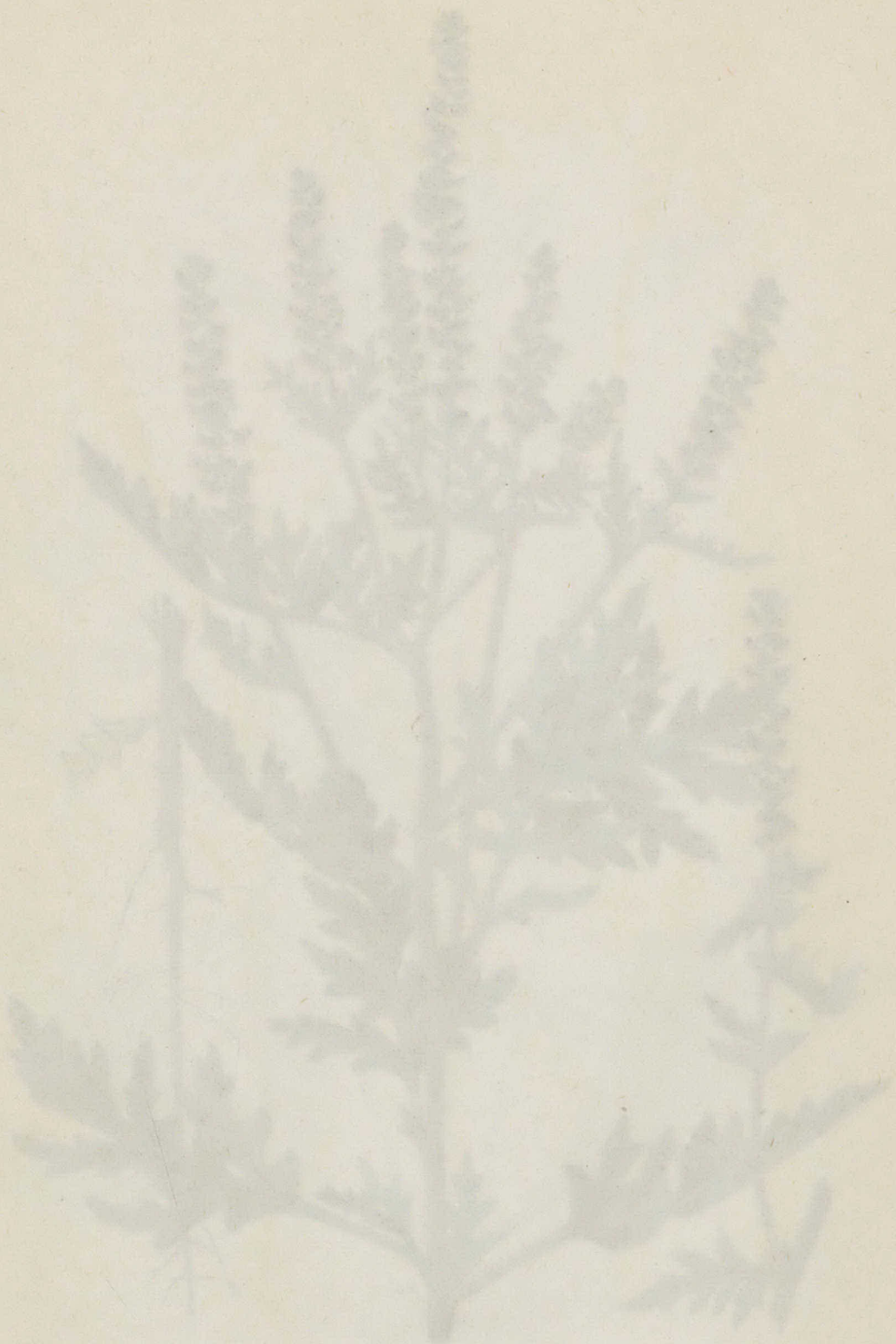
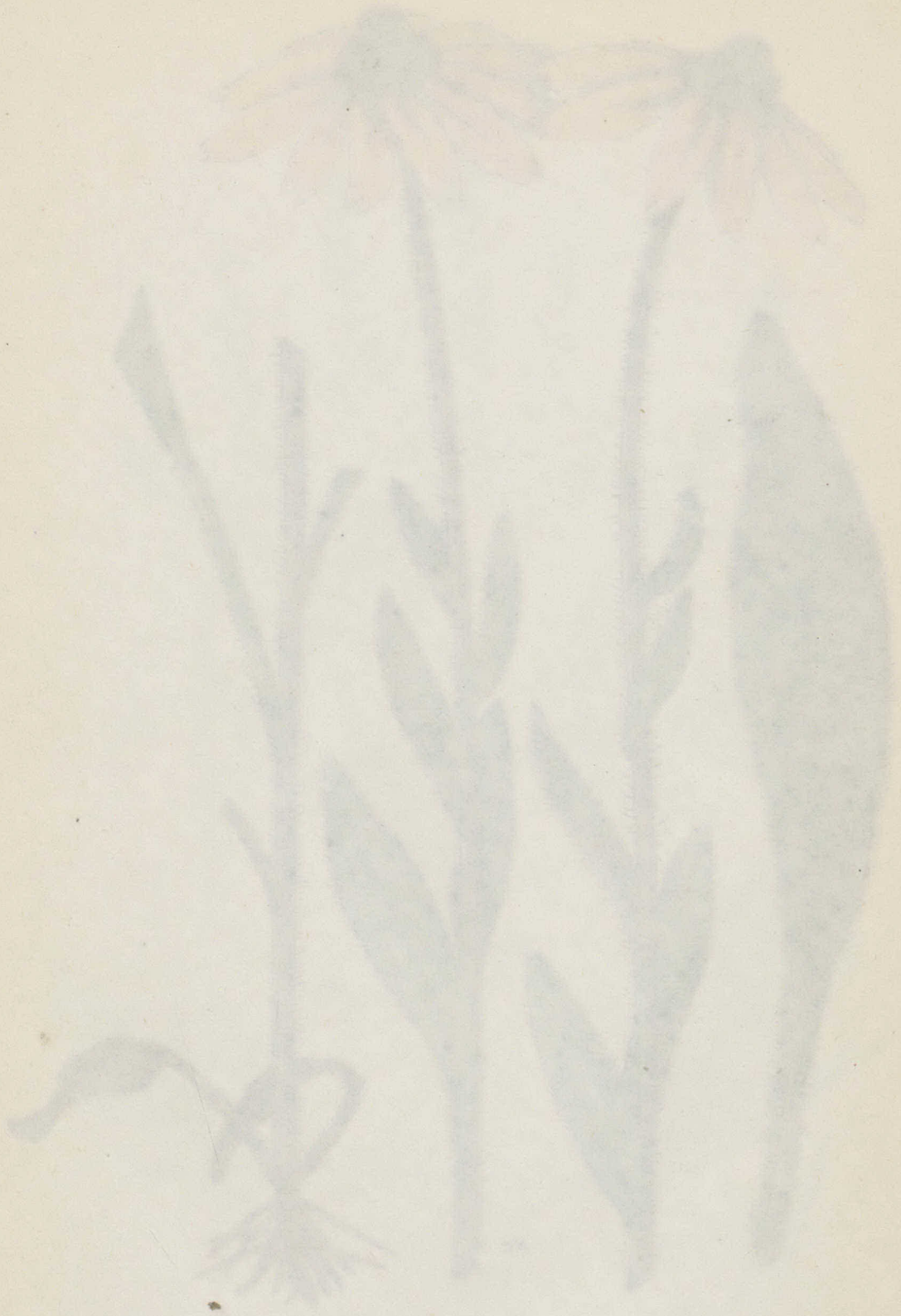




Plate 58

YELLOW DAISY OR BLACK-EYED SUSAN
(*Rudbeckia hirta* L.)

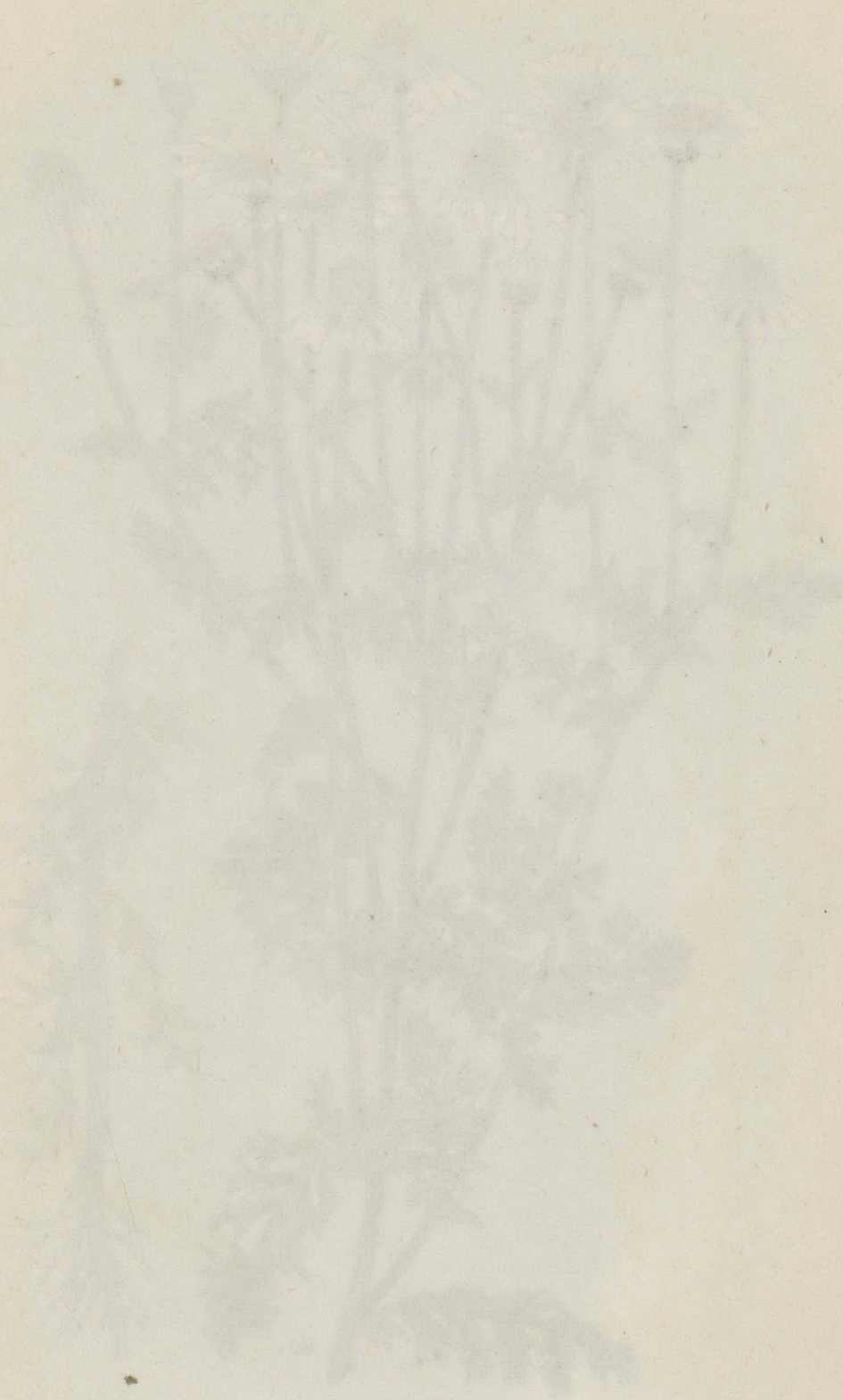


YELLOW BIRD OF PARADISE



Plate 59

STINKING MAYWEED
(*Anthemis Cotula L.*)



BRITISH MUSE
LONDON



Plate 60

OX-EYE OR WHITE DAISY

(*Chrysanthemum Leucanthemum* L. Var. *pinnatifidum* Lecq & Lamotte.)



PLANT WITH LONG ROOTS
Illustration of a plant with long roots and several flowers.



Plate 61

COMMON RAGWORT OR STINKING WILLIE
(*Senecio jacobaea* L.)



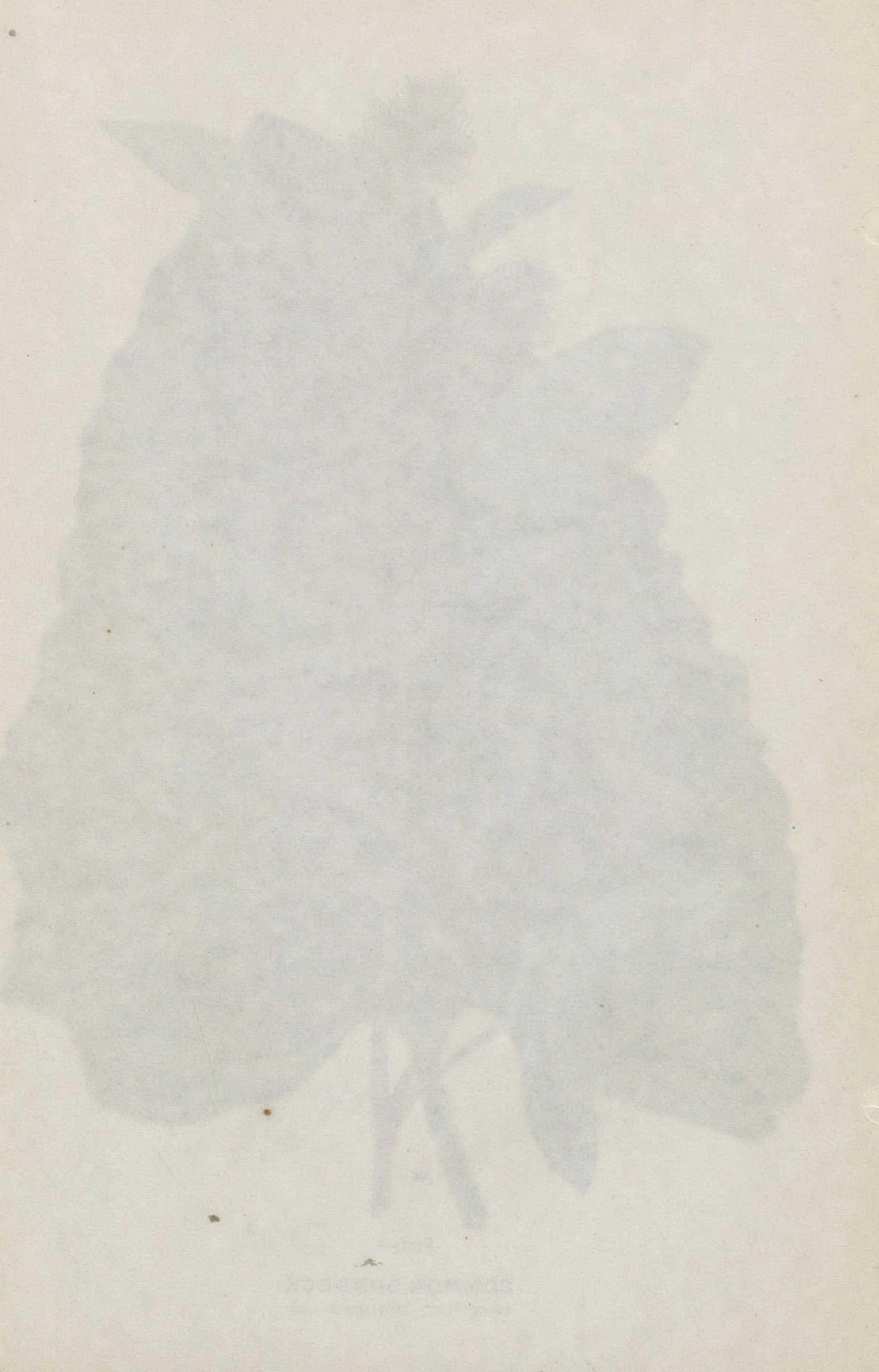
HERBARIUM OF THE
UNIVERSITY OF CALIFORNIA
BERKELEY, CALIF.



NC.

Plate 62

COMMON BURDOCK
(*Arctium minus* Bernh.)





N.C.

Plate 63

CANADA THISTLE
(*Cnicus arvensis* Hoffm.)



CANADA THISTLE



N.C.

Plate 64
CHICORY
(*Cichorium Intybus L.*)





Plate 65
FALL DANDELION AUGUST FLOWER
(*Leontodon autumnalis* L.)

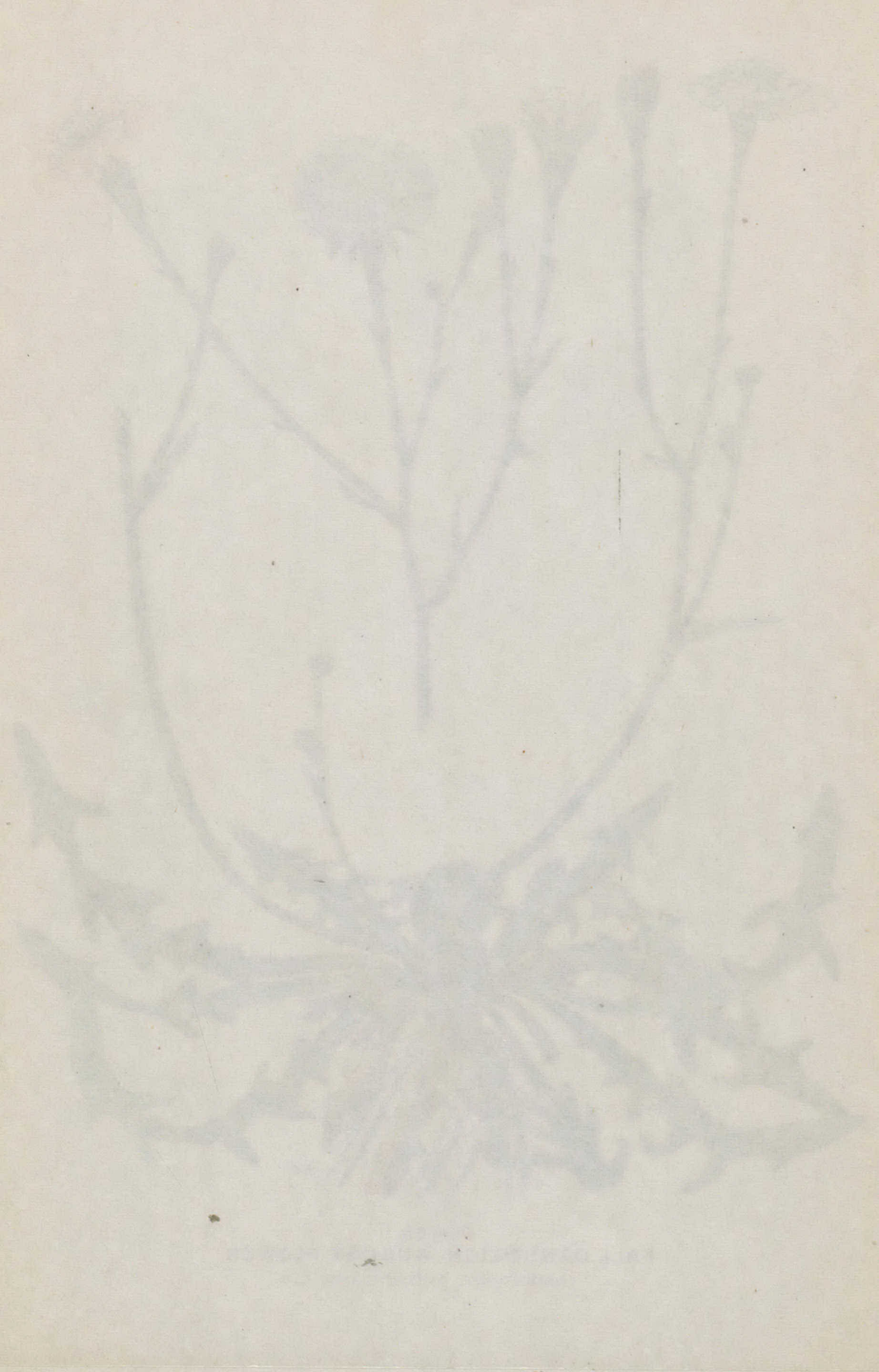




Plate 66

PERENNIAL SOW-THISTLE
(*Sonchus arvensis* L.)



HERBARIUM MUSEUM
SINGAPORE



Plate 67

COMMON OR ANNUAL SOW THISTLE
(*Sonchus oleraceus* L.)



COOK'S OFFICE NEW YORK
THE CITY OF NEW YORK



N.C.

Plate 68

PRICKLY LETTUCE

(*Lactuca scariola* L. *Var. integrata* Gren & Godt.)





Plate 69

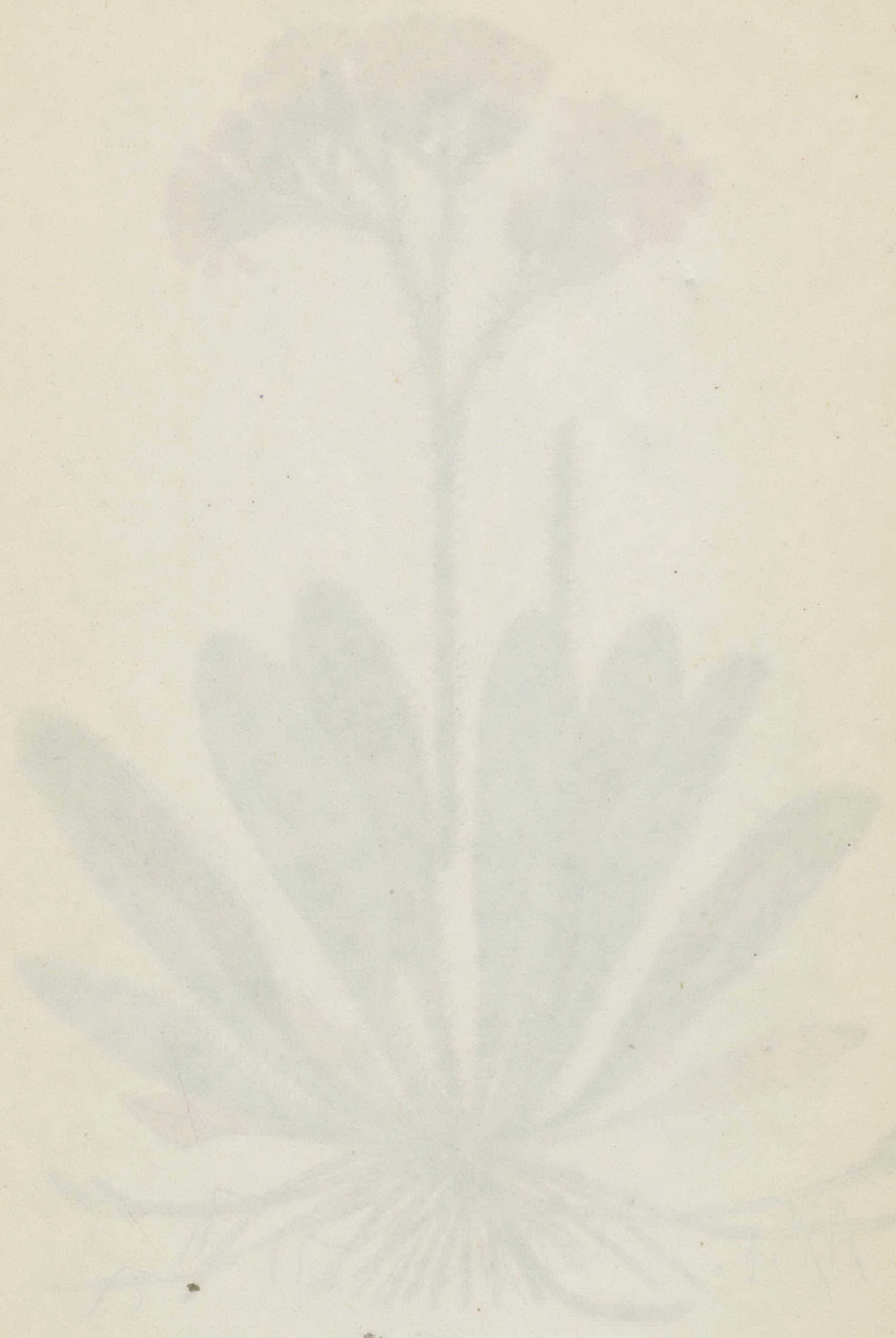
BLUE LETTUCE
(*Lactuca pulchella* (Pursh) D.C.)





Plate 70

ORANGE HAWKWEED OR DEVIL'S PAINT-BRUSH
(*Hieracium aurantiacum* L.)



PLANT ILLUSTRATION OF DEVLIN'S PLANT BOOK
PUBLISHED BY THE AUTHOR



Plate 71

"KING DEVIL"

(*Hieracium praealtum* *Gochinal-Var. Decipiens* Koch.)

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