



The A. H. Hill Library



North Carolina State College

QK306

L6

v.5







ARBORETUM ET FRUTICETUM  
BRITANNICUM.

VOL. V.

FIRST VOLUME OF PLATES.

LONDON:  
Printed by A. SPOTTISWOODE,  
New-Street-Square.

# ARBORETUM ET FRUTICETUM BRITANNICUM;

OR,

THE TREES AND SHRUBS OF BRITAIN,

Native and Foreign, Hardy and Half-Hardy,

PICTORIALLY AND BOTANICALLY DELINEATED,  
AND SCIENTIFICALLY AND POPULARLY DESCRIBED;

WITH

THEIR PROPAGATION, CULTURE, MANAGEMENT,

AND USES IN THE ARTS, IN USEFUL AND ORNAMENTAL PLANTATIONS, AND IN

**LANDSCAPE-GARDENING;**

PRECEDED BY A

HISTORICAL AND GEOGRAPHICAL OUTLINE

OF THE TREES AND SHRUBS OF TEMPERATE CLIMATES  
THROUGHOUT THE WORLD.

By *John Loudon*  
J. C. LOUDON, F.L. & H.S., &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE,  
AND CONDUCTOR OF THE GARDENER'S MAGAZINE.

---

IN EIGHT VOLUMES :

FOUR OF LETTERPRESS, ILLUSTRATED BY ABOVE 2500 ENGRAVINGS;  
AND FOUR OF OCTAVO AND QUARTO PLATES.

~~~~~  
VOL. V.

THE PLATES FROM *MAGNOLIA'CEÆ* TO *LEGUMINO'SÆ* INCLUSIVE.

---

LONDON:

PRINTED FOR THE AUTHOR;

AND SOLD BY

LONGMAN, ORME, BROWN, GREEN, AND LONGMANS;

THE PARTIALLY COLOURED AND COLOURED COPIES, BY  
JAMES RIDGWAY AND SONS.

1838.



# CONTENTS.

## LIST OF THE PORTRAITS OF TREES FORMING VOL. V., SYSTEMATICALLY ARRANGED.

The names, scientific and English, of all the trees included in the plates forming Vols. V. VI. VII. and VIII., will be found systematically arranged in the General Contents in Vol. I., and alphabetically arranged at the end of Vol. VIII.

The number on the left hand merely shows the series; that on the right extremity of the column, in parenthesis, is the number printed on the plate; and the number preceding it refers to that page of the body of the work where the tree is treated of.

|                                                                                                               |                                                                                                                        |  |
|---------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--|
| <b>MAGNOLIA'CEÆ. (MAGNOLIAS.)</b>                                                                             |                                                                                                                        |  |
| Text in Vol. I.                                                                                               |                                                                                                                        |  |
| 1. <i>Magnòlia grandiflòra</i> - p. 261. (1.)<br>Brentford Nursery. <i>Miss Eliza Ronalds.</i>                | 19. <i>T. (e.) laciniàta</i> - p. 366. (21. or 22.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                              |  |
| 2. <i>M. g. exoniénsis</i> - p. 261. (3.)<br>The Chiswick Villa. <i>Miss M. L.</i>                            | 20. <i>T. (e.) parvifòlia aúrea</i> p. 366. (25.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                                |  |
| 3. <i>M. gláuca</i> - - p. 267. (4.)<br>Mile End Nursery. <i>R. Varden.</i>                                   | 21. <i>T. (e.) álba (syn. ar- }<br/>géntea) - } p. 372. (18.)<br/>Hort. Soc. Gard. <i>Miss M. L.</i></i>               |  |
| 4. <i>M. gl. Thompsoniàna</i> - p. 267. (5.)<br>Mile End Nursery. <i>R. Varden.</i>                           | 22. <i>T. americana }<br/>(syn. álba) } p. 373. (24. or 25.)<br/>Hort. Soc. Gard. <i>Miss M. L.</i></i>                |  |
| 5. <i>M. tripétala</i> - - p. 269. (6.)<br>Mile End Nursery. <i>R. Varden.</i>                                | 23. <i>T. (a.) laxiflòra</i> - p. 374. (23.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                                     |  |
| 6. <i>M. macrophýlla</i> - p. 271. (7.)<br>The Chiswick Villa. <i>Miss M. L.</i>                              | 24. <i>T. (a.) pubéscens</i> p. 374. (22. or 27.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                                |  |
| 7. <i>M. acuminàta</i> - p. 273. (10.)<br>Messrs. Loddiges, Hackney. <i>R. Varden.</i>                        | <b>ACERA'CEÆ. (MAPLES AND SYCAMORES.)</b>                                                                              |  |
| 8. <i>M. acuminàta, full-grown tree</i> - (9a.)<br>Duke of Northumberland, Syon. <i>G. R. Lewis.</i>          | 25. <i>Acer tatáricum</i> - p. 406. (26.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                                        |  |
| 9. <i>M. cordàta</i> - - p. 275. (11.)<br>Messrs. Loddiges, Hackney. <i>R. Varden.</i>                        | 26. <i>A. spicàtum</i> - p. 406. (30.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                                           |  |
| 10. <i>M. auriculàta</i> - p. 276. (8.)<br>Messrs. Loddiges, Hackney. <i>R. Varden.</i>                       | 27. <i>A. striàtum</i> - p. 407. (28.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                                           |  |
| 11. <i>M. (a.) pyramidàta</i> - p. 277. (9.)<br>Messrs. Loddiges, Hackney. <i>R. Varden.</i>                  | 28. <i>A. macrophýllum</i> - p. 408. (34.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                                       |  |
| 12. <i>M. conspícua</i> - p. 278. (12.)<br>Mile End Nursery. <i>R. Varden.</i>                                | 29. <i>A. platanòides</i> - p. 408. (35.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                                        |  |
| 13. <i>Liriodèndron Tulipí- }<br/>fera (Tulip Tree) } p. 284. (13.)<br/>Hort. Soc. Gard. <i>F. Rauch.</i></i> | 30. <i>A. p. laciniàtum</i> - p. 409. (36.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                                      |  |
| 14. <i>L. Tulipífera, full-grown tree</i> (12a.)<br>Syon House. <i>G. R. Lewis.</i>                           | 31. <i>A. sacchàrinum (the }<br/>Sugar Maple) - } p. 411. (37.)<br/>Hort. Soc. Gard. <i>Miss M. L.</i></i>             |  |
| <b>TILIA'CEÆ. (LIME TREES.)</b>                                                                               |                                                                                                                        |  |
| 15. <i>Tília europæa</i> - p. 364. (15.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                                | 32. <i>A. Pseùdo-Plátanus }<br/>(Common Syca- } p. 414. (33.)<br/>more) - }<br/>Hort. Soc. Gard. <i>Miss M. L.</i></i> |  |
| 16. <i>T. e., full-grown tree</i> - (8a.)<br>Studley Park. <i>H. W. Jukes.</i>                                | 33. <i>A. Pseùdo-Plátanus, full- }<br/>grown tree - } (33a.)<br/>Studley Park. <i>H. W. Jukes.</i></i>                 |  |
| 17. <i>T. (e.) platyphýlla</i> - p. 365. (19.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                          | 34. <i>A. obtusàtum (syn. hý- }<br/>bridum) - } p. 420. (38.)<br/>Hort. Soc. Gard. <i>Miss M. L.</i></i>               |  |
| 18. <i>T. (e.) p. mìnor</i> - p. 365. (20.)<br>Hort. Soc. Gard. <i>Miss M. L.</i>                             |                                                                                                                        |  |



35. *A. opulifolium* - p. 420. (31.)  
Hort. Soc. Gard. *Miss M. L.*
36. *A. O'palus* - p. 420. (31a.)  
Hort. Soc. Gard. *Miss M. L.*
37. *A. eriocarpum* - p. 423. (40.)  
Hort. Soc. Gard. *Miss M. L.*
38. *A. e.*, full-grown tree - (39a.)  
Bot. Gard., Kew. *L. Martin.*
39. *A. rubrum* - p. 424. (39.)  
Hort. Soc. Gard. *Miss M. L.*
40. *A. r.*, full-grown tree - (38a.)  
Bot. Gard., Kew. *L. Martin.*
41. *A. monspessulanum* - p. 427. (27.)  
Hort. Soc. Gard. *Miss M. L.*
42. *A. m.*, full-grown tree - (27a.)  
Ham House, Essex. *H. W. Jukes.*
43. *A. campéstre* (the common Maple) } p. 428. (32.)  
Hort. Soc. Gard. *Miss M. L.*
44. *A. c.*, full-grown tree, 4to - (32a.)  
Studley Park. *H. W. Jukes.*
45. *A. créticum*, full-grown tree } p. 430. (40a.)  
Syon House, Middlesex. *G. R. Lewis.*
46. *Negundo fraxinifolium* (Box Elder) } p. 460. (41.)  
Hort. Soc. Gard. *Miss M. L.*
47. *N. f. crispum* - p. 460. (42.)  
Hort. Soc. Gard. *Miss M. L.*
- ÆSCULA'CEÆ. (HORSECHESTNUTS.)**
48. *Æsculus Hippocástanum* (the common Horsechestnut) } p. 463. (43.)  
Hort. Soc. Gard. *Miss M. L.*
49. *Æ. H.*, full-grown tree - (44.)  
Forty Hill, Enfield. *W. J. Nesfield.*
50. *Æ. (H.) rubicúnda* } p. 467. (46.)  
(syn. *cárnea*) -  
Hort. Soc. Gard. *Miss M. L.*
51. *Pàvia rùbra* (Smooth Horsechestnut) } p. 469. (48.)  
Hort. Soc. Gard. *Miss M. L.*
52. *P. r.*, full-grown tree - (48.)  
Syon House. *G. R. Lewis.*
53. *P. r. hùmilis péndula* - p. 470. (52.)  
Hort. Soc. Gard. *Miss M. L.*
54. *P. flàva* - p. 471. (50.)  
Hort. Soc. Gard. *Miss M. L.*
55. *P. f.*, full-grown tree - (51.)  
Syon House. *G. R. Lewis.*
56. *P. macrocarpa* - p. 473. (52.)  
Hort. Soc. Gard. *Miss M. L.*
- SAPINDA'CEÆ.**
57. *Kölreutèria paniculàta* - p. 475. (53.)  
Hort. Soc. Gard. *Miss M. L.*
- XANTHOXYLA'CEÆ.**
58. *Xanthóxyllum fraxíneum* (the Toothache Tree) } p. 488. (54.)  
Hort. Soc. Gard. *H. Le Jeune.*
59. *Ptèlea trifolàta* - p. 489. (55.)  
Hort. Soc. Gard. *Miss M. L.*
60. *Ailántus glandulòsa* - p. 490. (56.)  
Hort. Soc. Gard. *Miss M. L.*
61. *A. g.*, full-grown tree - (55a.)  
Syon House. *G. R. Lewis.*
- CELASTRA'CEÆ. (SPINDLE TREES.)**  
Text in Vol. II.
62. *Euónymus europæus* - p. 496. (57.)  
Hort. Soc. Gard. *Miss M. L.*
63. *E. latifolius* - p. 498. (58.)  
Hort. Soc. Gard. *Miss M. L.*
- AQUIFOLIA'CEÆ. (HOLLIES.)**
64. *Ilex Aquifolium* - p. 505. (59.)  
Bayswater. *H. Le Jeune.*
65. *I. A.*, full-grown tree - (59a.)  
Studley Park. *H. W. Jukes.*
66. *I. opàca* - p. 516. (60.)  
Messrs. Loddiges. *Miss M. L.*
67. *I. opàca*, full-grown tree - (59b.)  
Syon House. *G. R. Lewis.*
- RHAMNA'CEÆ. (BUCKTHORNS.)**
68. *Paliurus aculeatus* (Christ's Thorn) } p. 527. (61.)  
Hort. Soc. Gard. *Miss M. L.*
69. *P. a.*, full-grown tree - (60b.)  
Syon House. *G. R. Lewis.*
70. *Rhámnus cathárticus* (Purging Buckthorn) } p. 531. (62.)  
Hort. Soc. Gard. *Miss M. L.*
71. *R. alpinus* - p. 536. (62c.)  
Hort. Soc. Gard. *Miss M. L.*
72. *R. Frángula* (Berry-bearing Alder) } p. 537. (62a.)  
Hort. Soc. Gard. *Miss M. L.*
73. *R. latifolius* - p. 538. (62b.)  
Hort. Soc. Gard. *Miss M. L.*
- HOMALINA'CEÆ.**
74. *Aristotèlia Máçqui* - p. 543. (63.)  
Fulham Nursery. *H. W. Jukes.*
- LEGUMINO'SÆ.**
75. *Sophòra japónica* - p. 563. (64.)  
Hort. Soc. Gard. *Miss M. L.*
76. *S. j.*, full-grown tree, 4to - (63a.)  
Syon House. *G. R. Lewis.*
77. *S. j. péndula* - p. 564. (65.)  
Hort. Soc. Gard. *Miss M. L.*
78. *Virgília lùtea* - p. 565. (66.)  
Hort. Soc. Gard. *Miss M. L.*
79. *Cýstus Labúrnum* (the common Laburnum, or Pea Tree) } p. 590. (67.)  
Hort. Soc. Gard. *Miss M. L.*
80. *C. L. quercifolium* (syn. *incisum*) } p. 590. (68.)  
Hort. Soc. Gard. *Miss M. L.*
81. *C. alpinus* (Scotch Laburnum) - p. 591. (70.)  
Hort. Soc. Gard. *Miss M. L.*

82. *C. a. pëndulus* - p. 591. (70a.)  
Messrs. Loddiges. *H. Le Jeune.*
83. *Robínia Pseud-Acácia* }  
(Common Acacia, or Locust) } p. 609. (71.)  
Hort. Soc. Gard. *Miss M. L.*
84. *R. P.-A.*, full grown tree - 71.\*  
Kenwood. *W. J. Nesfield.*
85. *R. P.-A. umbraculífera* p. 610. (71a.)  
Bayswater. *H. Le Jeune.*
86. *R. P.-A. tortuòsa* - p. 610. (72.)  
Hort. Soc. Gard. *H. Le Jeune.*
87. *R. viscòsa* - p. 626. (73.)  
Hort. Soc. Gard. *Miss M. L.*
88. *R. híspida macrophýlla* }  
(Large-leaved Rose Acacia) } p. 628. (73a.)  
Hort. Soc. Gard. *H. Le Jeune.*
89. *Caragàna arboréscens* }  
(the Siberian Pea Tree) } p. 629. (75.)  
Hort. Soc. Gard. *Miss M. L.*
90. *Gledítschia triacánthos* }  
(the Three-thorned Acacia) } p. 650. (76.)  
Hort. Soc. Gard. *Miss M. L.*
91. *G. t.*, full-grown tree - p. 650. (75a.)  
Syon House. *G. R. Lewis.*
92. *G. inérmis* - p. 650. (77b.)  
Hort. Soc. Gard. *Miss M. L.*
93. *G. i.*, full-grown tree - (76a.)  
Syon House. *G. R. Lewis.*
94. *G. sinénsis* (syn. *hórrida*) p. 654. (78.)  
Hort. Soc. Gard. *H. Le Jeune.*
95. *G. (s.) japónica* - p. 654. (80.)  
Messrs. Loddiges. *H. Le Jeune.*
96. *G. (s.) nàna* - p. 654. (80.)  
Messrs. Loddiges. *H. Le Jeune.*
97. *G. (s.) purpùrca* - p. 654. (78b.)  
Messrs. Loddiges. *H. Le Jeune.*
98. *G. (s.) macracántha* - p. 654. (78.)  
Messrs. Loddiges. *H. Le Jeune.*
99. *Gymnócladus cana-*  
*dénsis* (Kentucky Coffee Tree) } p. 656. (82a.)  
Hort. Soc. Gard. *Miss M. L.*
100. *G. c.*, full-grown tree - (82.)  
Syon House. *G. R. Lewis.*
101. *Cércis Siliquástrum* }  
(the Judas Tree) } p. 657. (83.)  
Hort. Soc. Gard. *Miss M. L.*
102. *C. S.*, full-grown tree - (82b.)  
Syon House. *G. R. Lewis.*
103. *C. canadénsis* - p. 659. (83.)  
Hort. Soc. Gard. *Miss M. L.*
104. *Acácia dealbàta* - p. 666. (74.)  
Hort. Soc. Gard. *Miss M. L.*

## LIST OF PLATES IN VOL. V., ALPHABETICALLY ARRANGED.

The Roman numerals refer to the volumes of the text where the species is treated of.

- Acácia dealbàta* - - II. p. 666. (74.)
- Acácia*, False. See *Robínia*.
- Acer campéstre* (the common Maple) } I. p. 428. (32.)
- A. c.*, full-grown tree, 4to - (32a.)
- A. erétièum*, full-grown tree I. p. 430. (40a.)
- A. eriocárpum* - - I. p. 423. (40.)
- A. c.*, full-grown tree - - (39a.)
- A. macrophýllum* - - I. p. 408. (34.)
- A. monspessulanum* - - I. p. 427. (27.)
- A. m.*, full-grown tree - - (27a.)
- A. (hýbridum) obtusátum* - I. p. 420. (38.)
- A. O'palus* - - I. p. 420. (31a.)
- A. opulifólium* - - I. p. 420. (31.)
- A. platanòides* - - I. p. 408. (35.)
- A. p. laciniátum* - - I. p. 409. (36.)
- A. Pseudo-Plátanus* (the common Sycamore) } I. p. 414. (33.)
- A. Pseudo-Plátanus*, full-grown tree (33a.)
- A. rubrum* - - I. p. 424. (39.)
- A. r.*, full-grown tree - - I. (38a.)
- A. saccharinum* (the Sugar Maple) } I. p. 411. (37.)
- A. spicátum* - - - I. p. 406. (30.)
- A. striátum* - - - I. p. 407. (28.)
- A. tatáricum* - - - I. p. 406. (26.)
- Æsculus Hippocástanum* } I. p. 463. (43.)  
(the Horsechestnut)
- Æ. H.*, full-grown tree - - (44.)
- Æ. H. (cárnea) rubicúnda* I. p. 467. (46.)
- Ailántus glandulòsa* - - I. p. 490. (56.)
- A. g.*, full-grown tree - - (55a.)
- Aristotèlia Máçqui* - - II. p. 543. (63.)
- Berry-bearing Alder. See *Rhámnus Frángula*.
- Box Elder. See *Negúndo*.
- Buckthorn. See *Rhámnus*.
- Caragàna arboréscens* (the Siberian Pea Tree) - } II. p. 629. (75.)
- Cércis canadénsis* - - II. p. 659. (83.)
- C. Siliquástrum* (the Judas Tree) - } II. p. 657. (83.)
- C. S.*, full-grown tree - - (82b.)
- Cýtissus alpinus* - - II. p. 591. (70.)
- C. a. pëndulus* - - II. p. 591. (70a.)
- Christ's Thorn. See *Paliúrus*.

- C. Labúrnum* (the Laburnum, or Pea Tree) } II. p. 590. (67.)
- C. L.* (incisum) *quercifolium* - } II. p. 590. (68.)
- Euónymus europæus* (the Spindle Tree) } II. p. 496. (57.)
- E. latifolius* - - - II. p. 498. (58.)
- Gleditschia inermis* - II. p. 650. (77b.)
- G. i.*, full-grown tree - - - (76a.)
- G.* (sinénsis) *hórrida* - II. p. 654. (78.)
- G.* (s.) *japónica* - - II. p. 654. (80.)
- G.* (s.) *macracántha* - II. p. 654. (78.)
- G.* (s.) *nàna* - - II. p. 654. (80.)
- G.* (s.) *purpùrea* - - II. p. 654. (78b.)
- G. triacanthos* (the Three-thorned Acacia) - } II. p. 650. (76.)
- G. t.*, full-grown tree - II. p. 650. (75a.)
- Gymnócladus canadénsis* (the Kentucky Coffee Tree) } II. p. 656. (82a.)
- G. c.*, full-grown tree - - - (82.)
- Holly. See *Ilex*.
- Horsechestnut. See *Æsculus*.
- Ilex Aquifolium* (the Holly) - } II. p. 505. (59.)
- I. A.*, full-grown tree - - - (59a.)
- I. opaca* - - - II. p. 516. (60.)
- I. o.*, full-grown tree - - - (59b.)
- Judas Tree. See *Cercis*.
- Kentucky Coffee Tree. See *Gymnócladus*.
- Kölreutèria paniculata* I. p. 475. (53.)
- Labúrnum*. See *Cýtissus Labúrnum*.
- Lime Tree. See *Tilia*.
- Locust. See *Robinia*.
- Liriodéndron Tulipifera* (the Tulip Tree) - } I. p. 284. (13.)
- L. T.*, full-grown tree - - - (12a.)
- Magnòlia acuminata* - I. p. 273. (10.)
- M. a.*, full-grown tree - - - (9a.)
- M. auriculata* - - - I. p. 276. (8.)
- M. glauca* - - - I. p. 267. (4.)
- M. g. Thompsoniana* - - I. p. 267. (5.)
- M. conspícua* - - - I. p. 278. (12.)
- M. cordata* - - - I. p. 275. (11.)
- M. grandiflora* - - - I. p. 261. (1.)
- M. g. exoniénsis* - - - I. p. 261. (3.)
- M. macrophýlla* - - - I. p. 271. (7.)
- M. (a.) pyramidata* - - I. p. 277. (9.)
- M. tripétala* - - - I. p. 269. (6.)
- Maple. See *Acer*.
- Negúndo fraxinifolium* (the Box Elder) - } I. p. 460. (41.)
- N. f. crispum* - - - I. p. 460. (42.)
- Paliurus aculeatus* (Christ's Thorn) } II. p. 527. (61.)
- P. a.*, full-grown tree - - - (60b.)
- Pavia flava* - - - I. p. 471. (50.)
- P. f.*, full-grown tree - - - (51.)
- P. macrocarpa* - - - I. p. 473. (52.)
- P. rubra* - - - I. p. 469. (48.)
- P. r.*, full-grown tree - - - (48.)
- P. r. humilis pendula* - I. p. 470. (52.)
- Pea Tree. See *Cýtissus*.
- Purging Buckthorn. See *Rhamnus catharticus*.
- Rhamnus alpinus* - II. p. 536. (62c.)
- R. catharticus* (the Purging Buckthorn) - } II. p. 531. (62.)
- R. Frángula* (the Berry-bearing Alder) - } II. p. 537. (62a.)
- R. latifolius* - - - II. p. 538. (62b.)
- Robinia hispida macrophýlla* (the large-leaved Rose Acacia) } II. p. 628. (73a.)
- R. Pseud-Acacia* (Common Acacia, or Locust) } II. p. 609. (71.)
- R. P. A.*, full-grown tree, 4to - II. 71.\*
- R. P. A. tortuosa* - - - II. p. 610. (72.)
- R. P. A. umbraculifera* - II. p. 610. (71a.)
- R. viscosa* - - - II. p. 626. (73.)
- Rose Acacia. See *Robinia hispida*.
- Scotch Laburnum. See *Cýtissus alpinus*.
- Siberian Pea Tree. See *Caragana*.
- Sophora japónica* - II. p. 563. (64.)
- S. j.*, full-grown tree, 4to - - - (63a.)
- S. j. pendula* - - - II. p. 564. (65.)
- Spindle Tree. See *Euonymus*.
- Sugar Maple. See *Acer saccharinum*.
- Sycamore. See *Acer Pseudo-Platanus*.
- Tilia (e.) álba* (argentea) I. p. 372. (18.)
- T. americana* - I. p. 373. (24. or 25.)
- T. (e.) aurea* - - - I. p. 366. (25.)
- T. europæa* (the common Lime Tree) - } I. p. 364. (15.)
- T. e.*, full-grown tree - - - I. (8a.)
- T. (e.) laciniata* - I. p. 366. (21. or 22.)
- T. (a.) laxiflora* - - - I. p. 374. (23.)
- T. (e.) platyphýlla* - - I. p. 365. (19.)
- T. (e.) p. minor* - - - I. p. 365. (20.)
- T. (a.) pubescens* - I. p. 374. (22. or 27.)
- Three-thorned Acacia. See *Gleditschia*.
- Toothache Tree. See *Xanthoxylum*.
- Tulip Tree. See *Liriodéndron*.
- Virgilia lutea* - - - II. p. 565 (66.)
- Xanthoxylum fraxineum* (the Toothache Tree) } I. p. 488. (54.)

*Magnolia grandiflora.*  
The large-flowered evergreen Magnolia.



13½ ft. high, 3 in. diam.







*Magnolia grandiflora exoniensis.*

The large-flowered evergreen Exeter Magnolia.



13 ½ ft. high, 3 in. diam.





*Magnòlia gláuca.*

The glaucous-leaved deciduous Magnolia.



13 ft. high ; 4 in. diam.





*Magnòlia gláuca Thompsoniàna.*

Thompson's glaucous-leaved deciduous Magnolia.



12½ ft. high, 3 in. diam.







*Magnolia tripetala.*

The three-petaled-flowered deciduous Magnolia.



12¾ ft. high ; 3½ in diam.





*Magnolia macrophylla.*  
The large-leaved *deciduous* Magnolia.







*Magnòlia acuminàta.*  
The pointed-leaved Magnolia.



20 ft. high; 6 in diam.





*Magnòlia acuminàta.*The pointed-*leaved* Magnolia.

Full-grown tree at Syon, 49 ft. high; diam. of the trunk, 3 ft.; and of the head, 43 ft.

[Scale 1 in. to 12 ft.]





*Magnolia cordata.*The heart-shaped-leaved *deciduous* Magnolia.

12½ ft. high; 4½ in diam.







*Magnolia auriculata.*

The ear-leaved deciduous Magnolia.



14½ ft. high, 3 in. diam.







*Magnòlia (auriculàta) pyramidàta.*

The pyramidal *deciduous* (ear-leaved) Magnolia.



13 ft. high, 2½ in. diam.





*Magnòlia conspícua.*

The conspicuous-flowered, or Yulan, Magnolia.



14 ft. high, 4 ½ in. diam.





*Liriodendron Tulipifera.*

The Tulip tree.



18 ft. high, 4½ in. diam.







*Liriodéndron Tulipífera.*

The tulip-bearing *Liriodendron*, or the *Tulip tree*.



Full grown tree at Syon, 76 ft. high.

[Scale 1 in. to 12 ft.]





*Tilia europæa.*The European, or *common*, Lime tree.

18 ft. high; 4 in. diam.

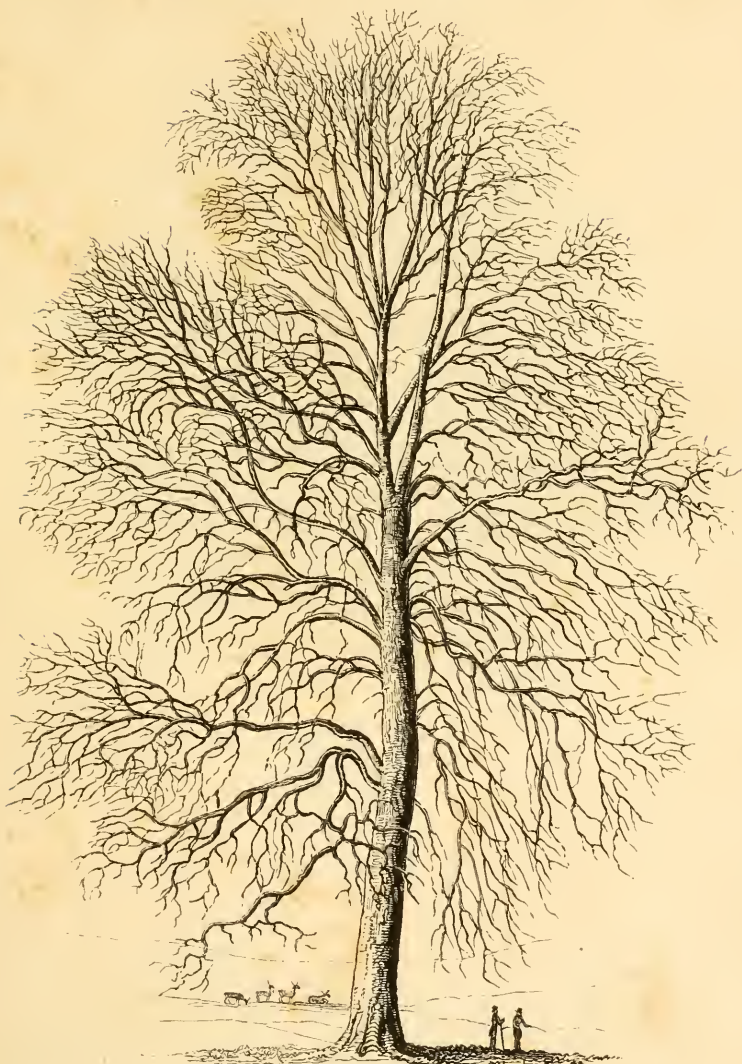






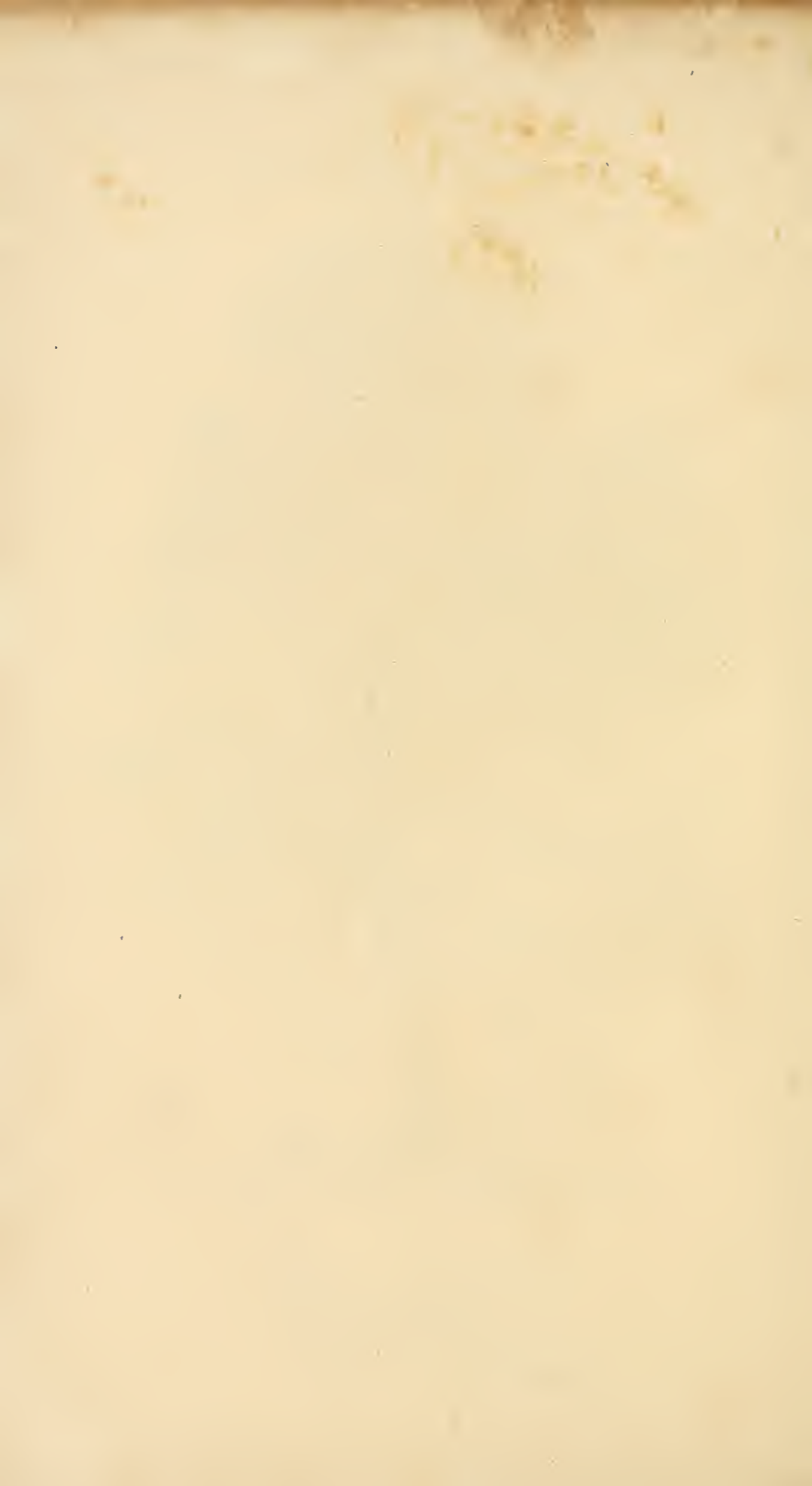
*Tilia europæa.*

The European, or common, Lime tree.



Full grown tree at Studley Park, 125 ft. high; diam. of the trunk, 6 ft.; and of the head, 75 ft  
[Scale 1 in. to 24 ft.]

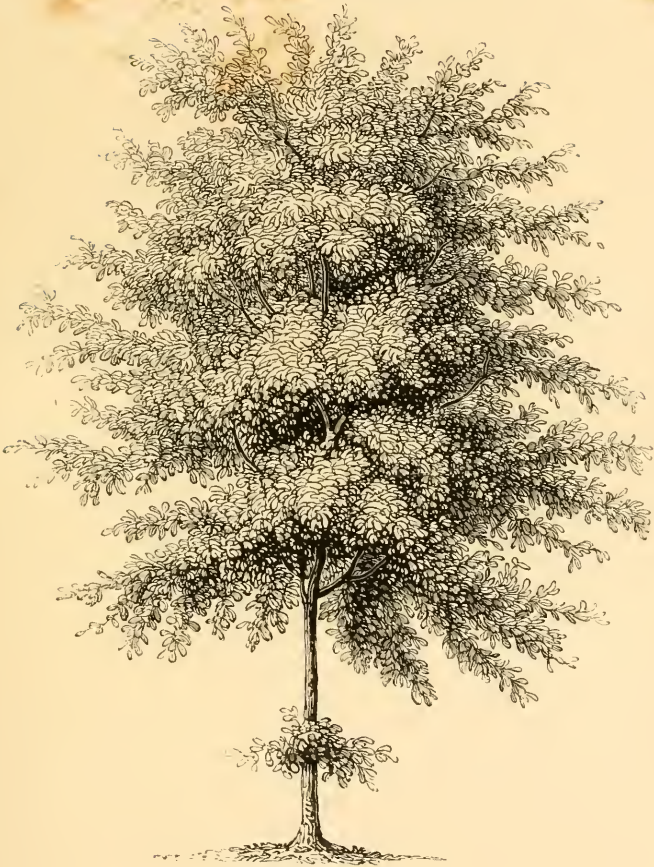




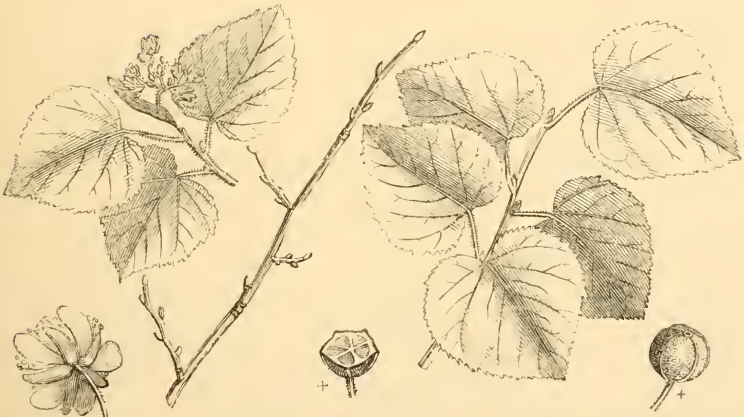


*Tilia platyphylla.*

The broad-leaved Lime tree.



18 ft. high ; 6 in. diam.





*Tilia europæa platyphýlla minor.*

The smaller broad-leaved European Lime tree.



15 ft. high, 4 in. diam.





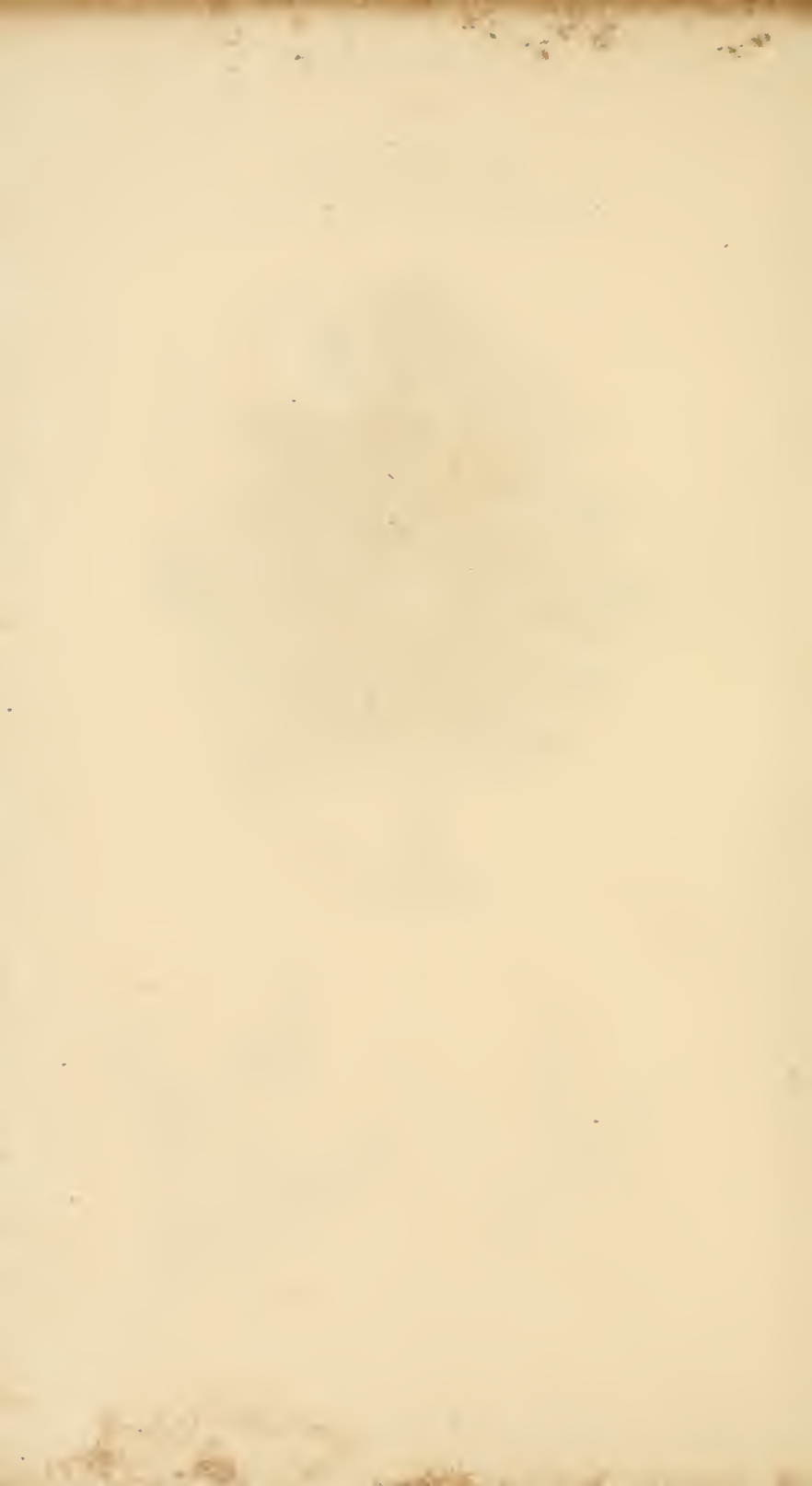
*Tilia europæa laciniata.*

The laciniated leaved European Lime tree.



14½ ft. high, 3 in. diam.







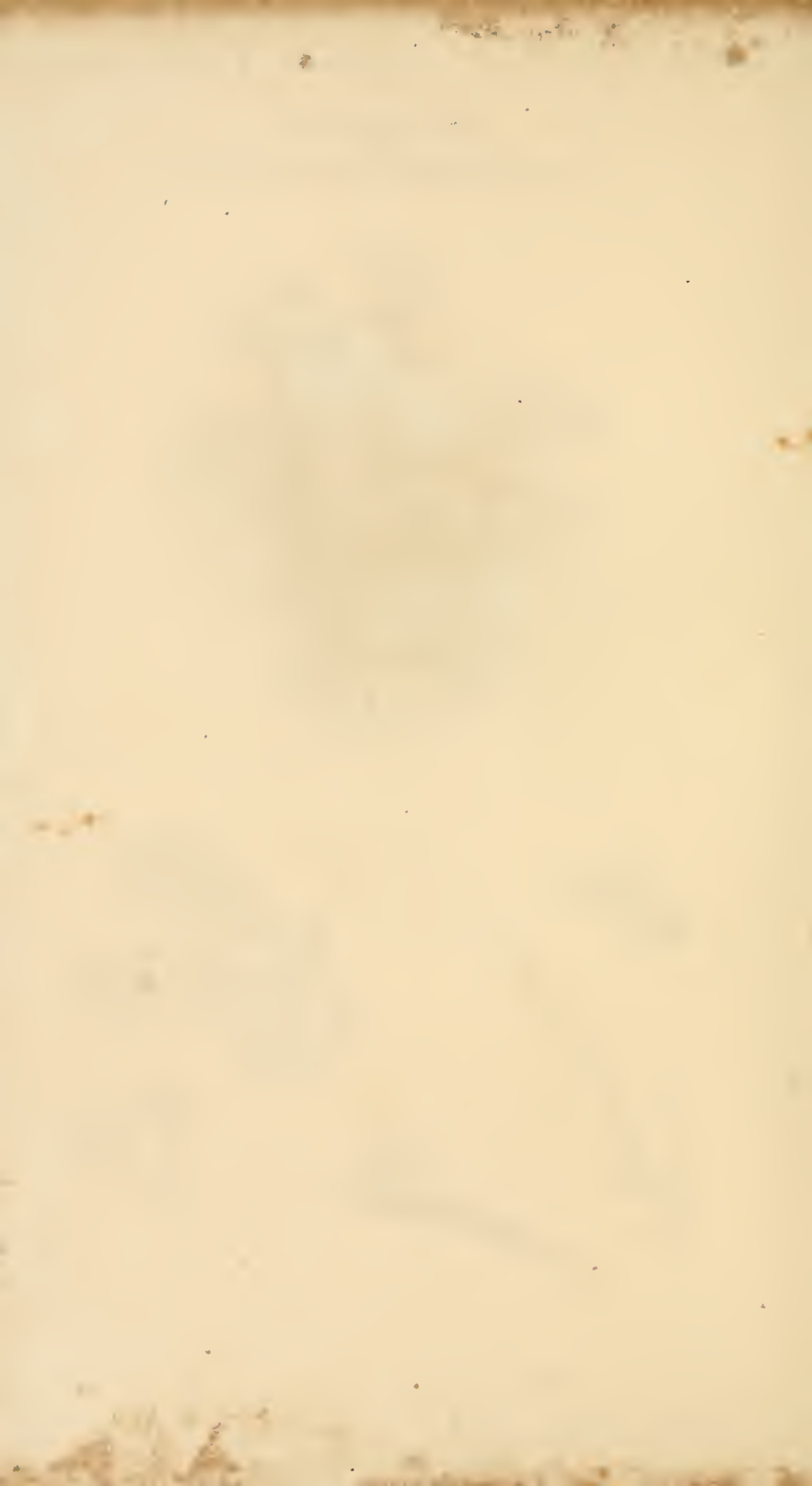
*Tilia (europæa) aûrea.*

The golden-twigged (European) Lime tree.



11 ft. high; 2½ in. diam.





*Tilia (europæa) alba.*  
The white-leaved (European) Lime tree.



16 ft. high, 3 in. diam.

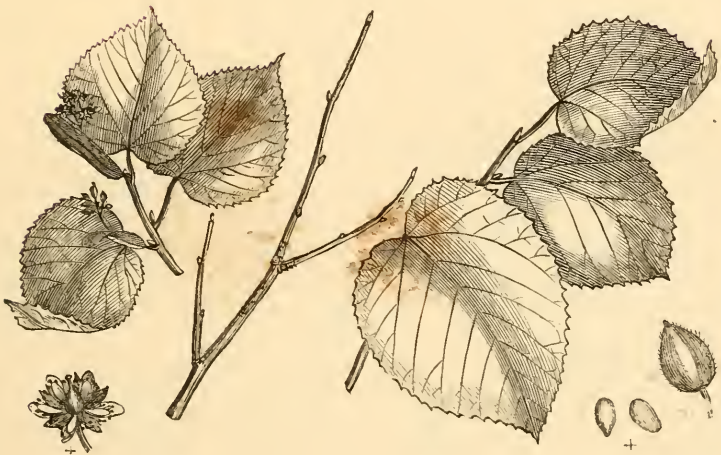




*Tilia americana.*  
The American Lime tree.



13 ft. high, 3 in. diam.







*Tilia americana laxiflora.*

The loose-flowered American Lime tree.



15 ft. high, 2 3/4 in diam.







*Tilia americana pubescens.*

The downy-leaved American Lime tree.



14 ft. high, 4½ in. diam.





*Acer tatáricum.*  
The Tartarian Maple.



15 ft. high, 4 in. diam.





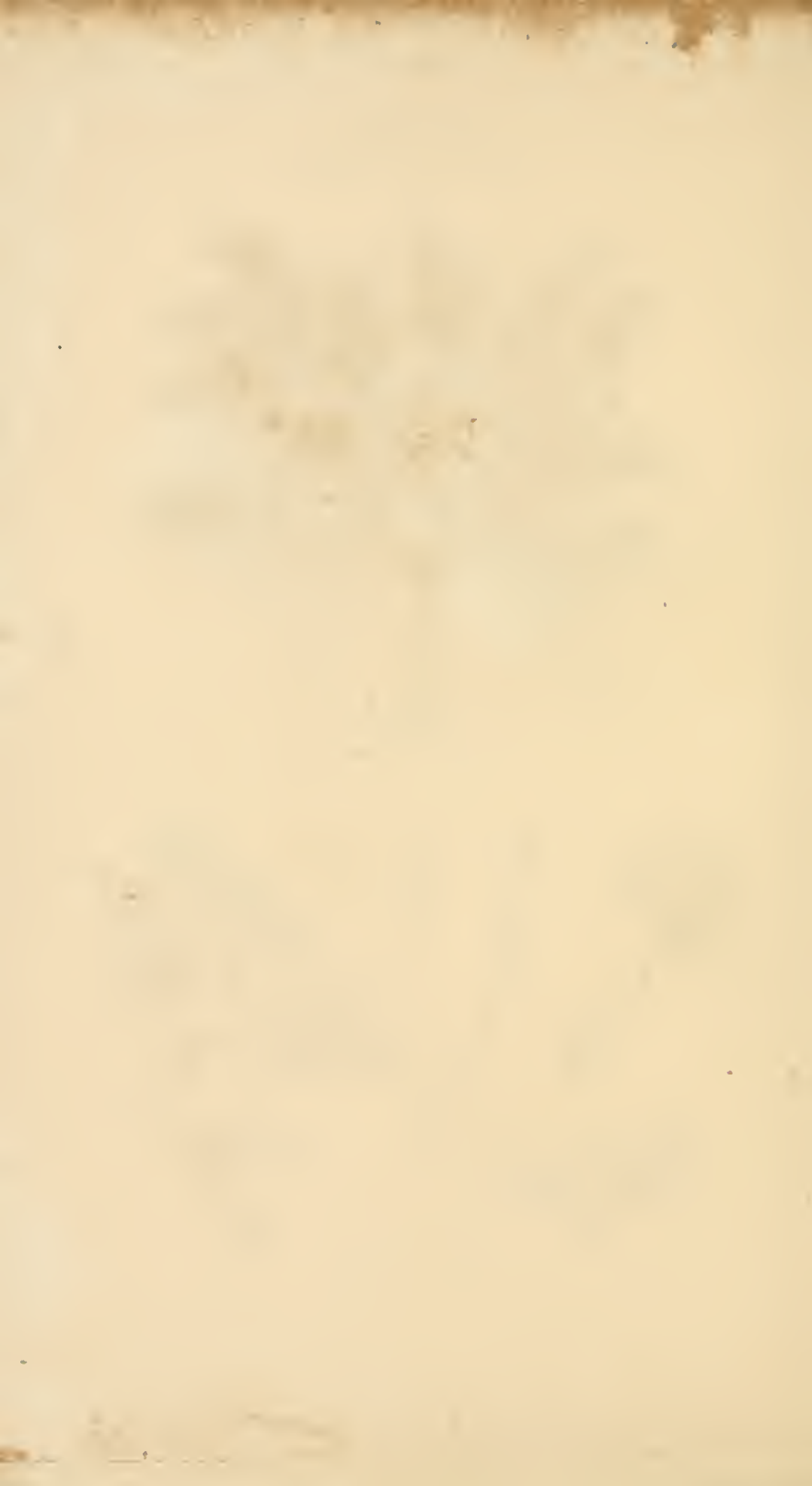
*Acer spicatum.*  
The spike-flowered Maple.



12½ ft. high, 3¼ in. diam.



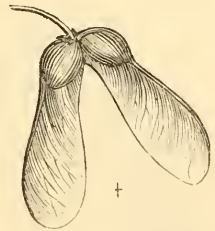




*Acer striatum.*  
The striped-barked Maple.



13 ft. high, 2½ in. diam.

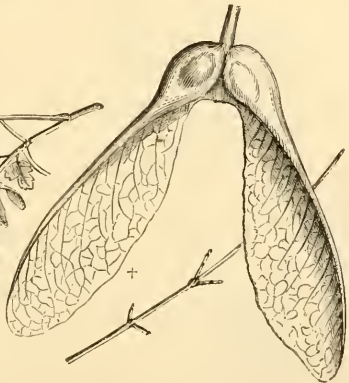




*Acer macrophyllum.*  
The large-leaved Maple.



21 ft. high, 3½ in. diam.







*Acer platanoides.*

The Platanus-like, or Norway, Maple.



20½ ft. high; 7 in. diam.







*Acer platanoides laciniatum.*

The cut-leaved Platanus-like, or Norway, Maple.



16 ft. high; 3 in. diam.





*Acer saccharinum.*  
The Sugar Maple.



13 t. high; 2 in. diam



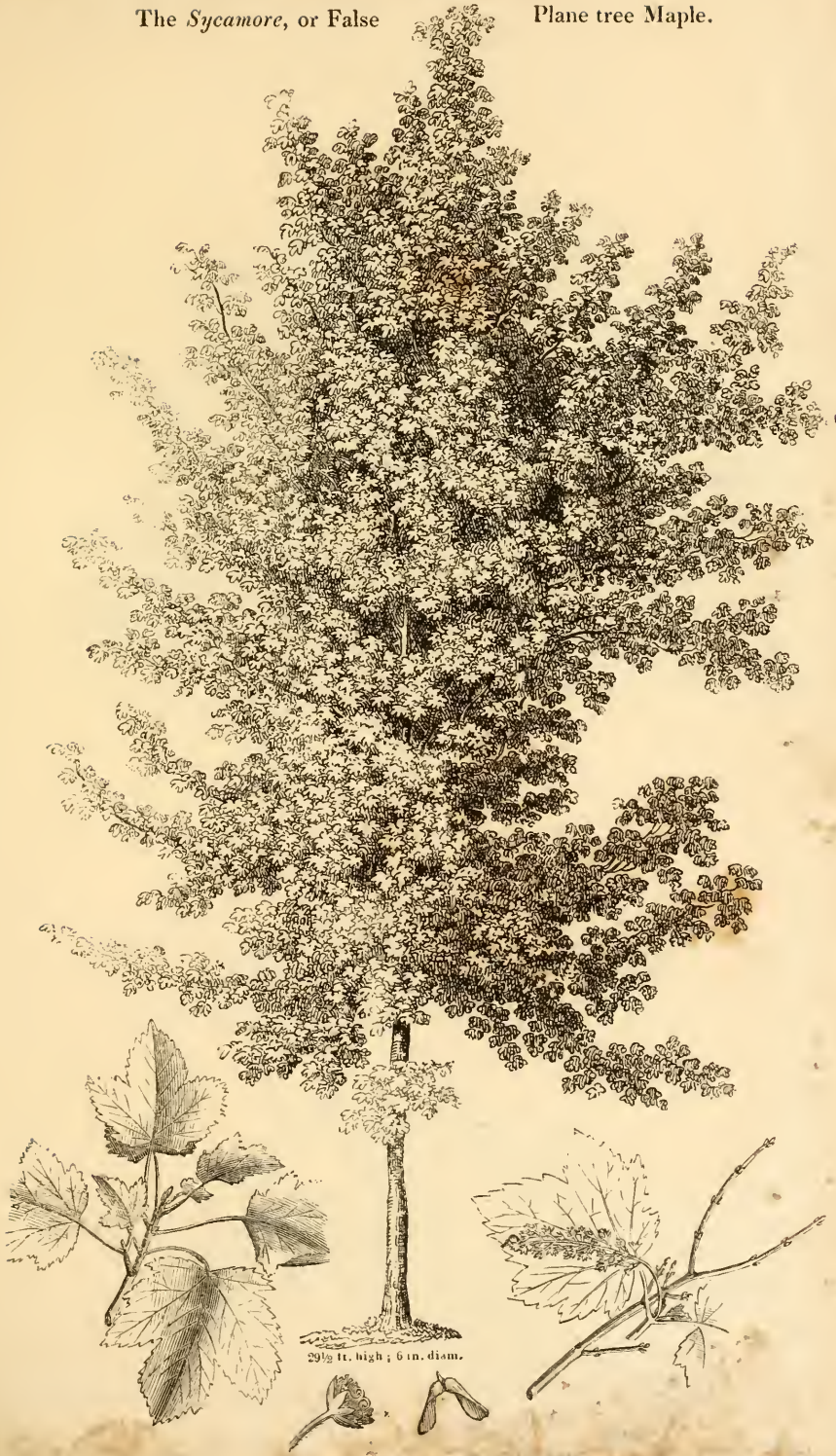




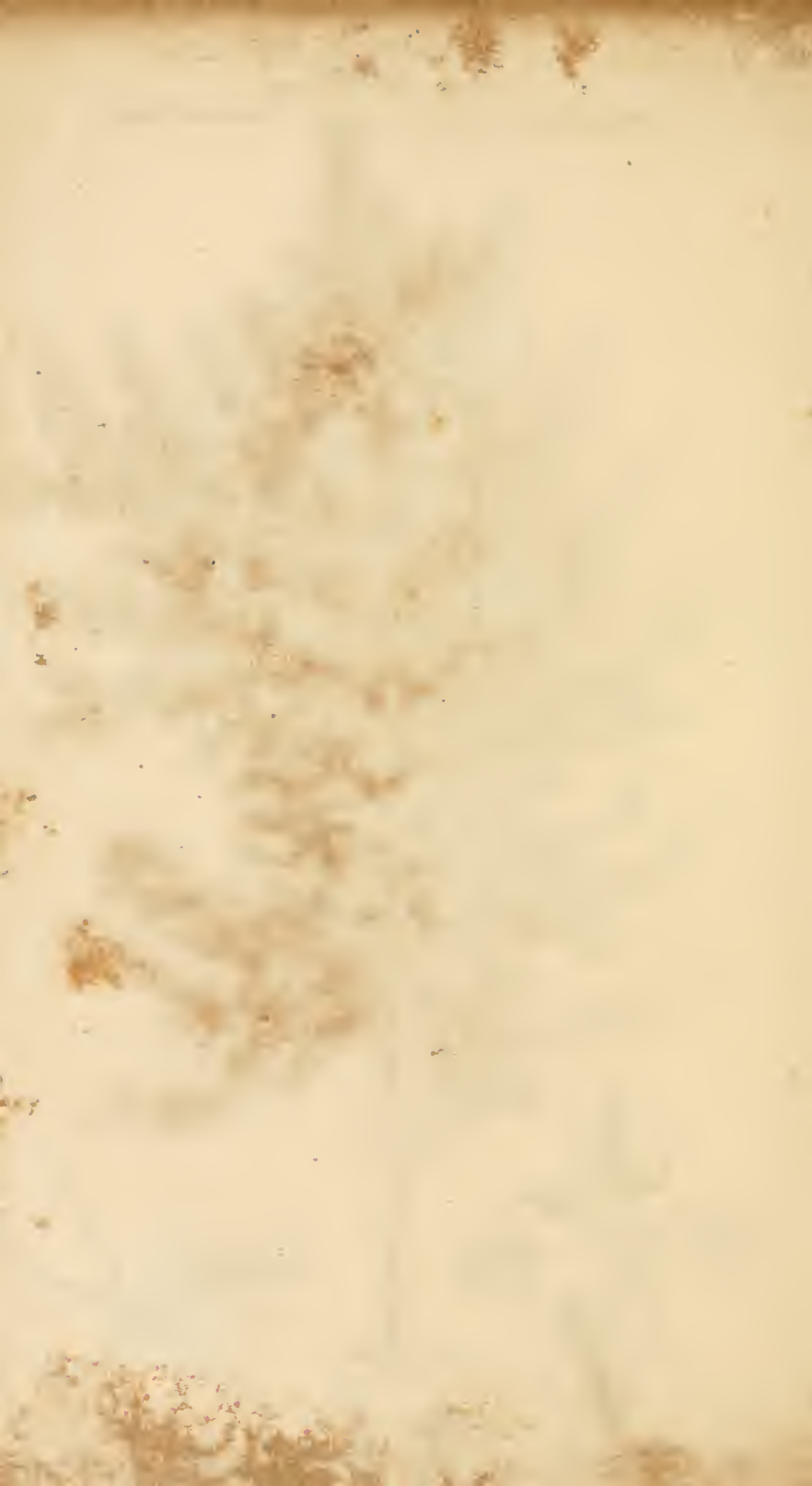
*Acer Pseudo-Platanus.*

The *Sycamore*, or False

Plane tree Maple.







*Acer Pseùdo-Plátanus.*The false Platanus, or *common* Sycamore.

Full-grown tree at Studley, 100 ft. high; diam. of the trunk, 8 ft. 1 in.; and of the head, 91 ft.  
[Scale 1 in. to 24 ft.]





*Accr obtusatum.*

The obtuse-lobe-  
leaved Maple.



25½ ft. high; 5¼ in. diam.







*Acer Opulifolium.*

The Guelder-Rose-leaved Maple.



4¾ ft. high, 3¼ in. diam.







*Acer Opulus.*

The Guelder-rose-like Maple.



10 ft. high, 2½ in. diam.





*Acer eriocarpum.*

The woolly-seeded Maple.



32 1/2 ft. high, 9 in. diam.





*Acer eriocárpon.*

The woolly-fruited Maple.

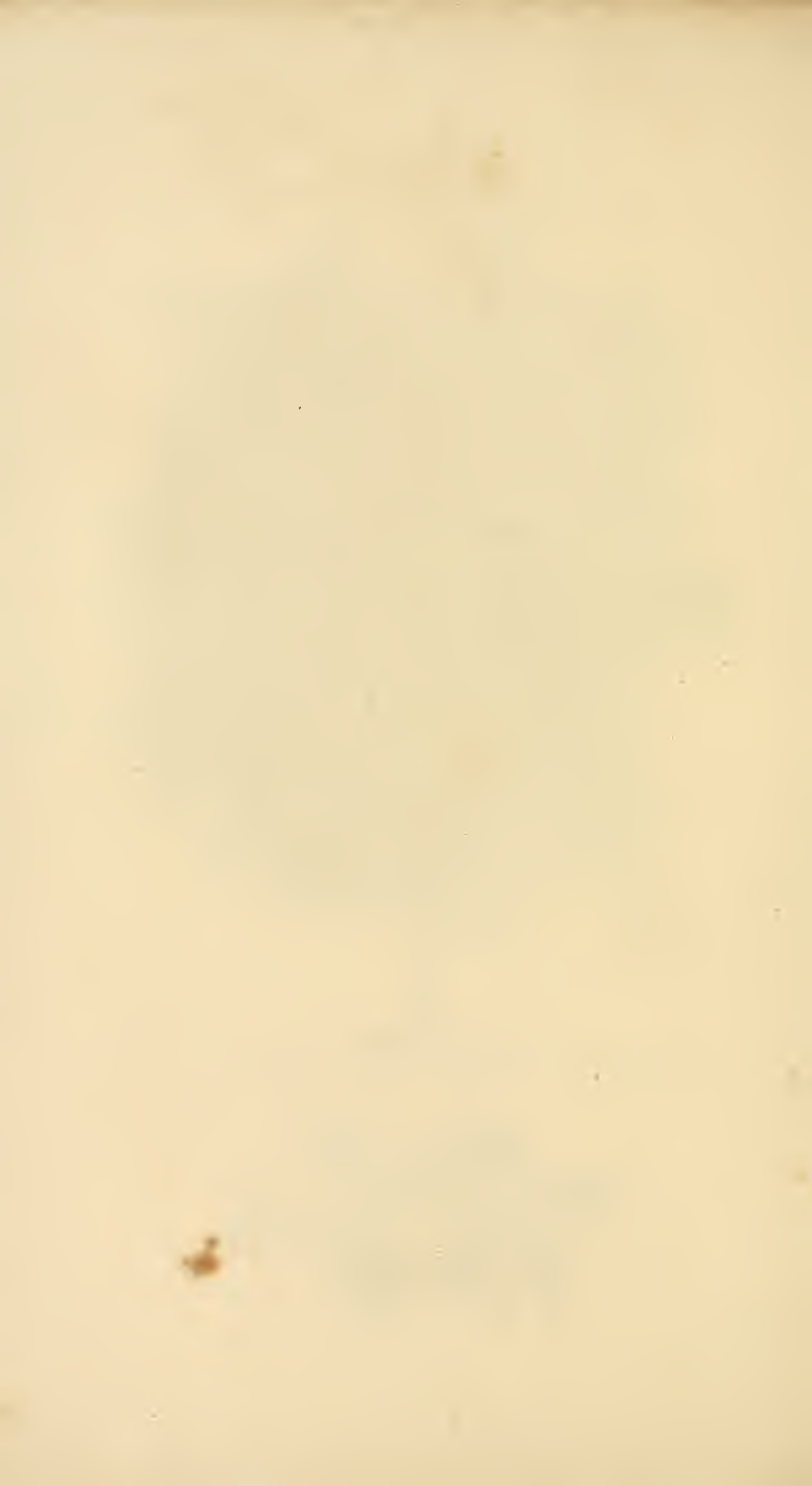


Full-grown tree at Kew, 56 ft. high; diam. of the trunk, 3 ft.; and of the head, 45 ft.

[Scale 1 in. to 12 ft.]







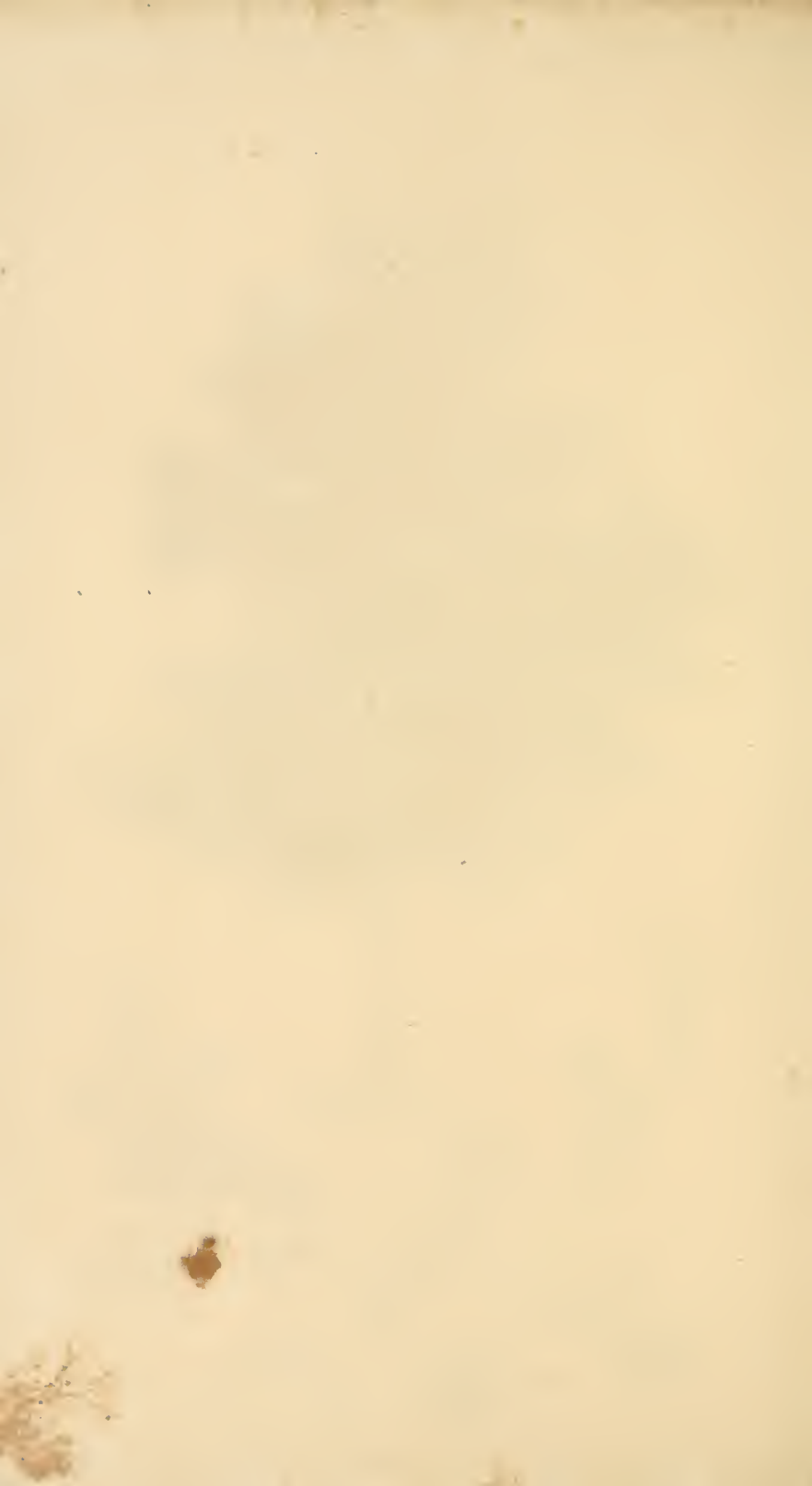
*Ācer rŭbrum.*

The red-flowered Maple.



21 ft. high ; 5 in. diam.





*Ācer rùbrum.*The Red, or *Swamp* Maple.

Full grown tree at Kew, 36 ft. high; diam. of the trunk, 2 ½ ft.; and of the head, 30 ft.

[Scale 1 in. to 12 ft.]





*Acer monspessulanum.*  
The Montpellier Maple.



15 ft. high, 4 in. diam.







*Acer monspessulanum.*

The Montpellier Maple.



Full grown tree at Ham House, 30 ft. high; diam. of the head, 40 ft.; and of the trunk,  $1\frac{1}{2}$  ft.  
[Scale 1 in. to 12 ft.]





*Acer campéstre austriacum.*

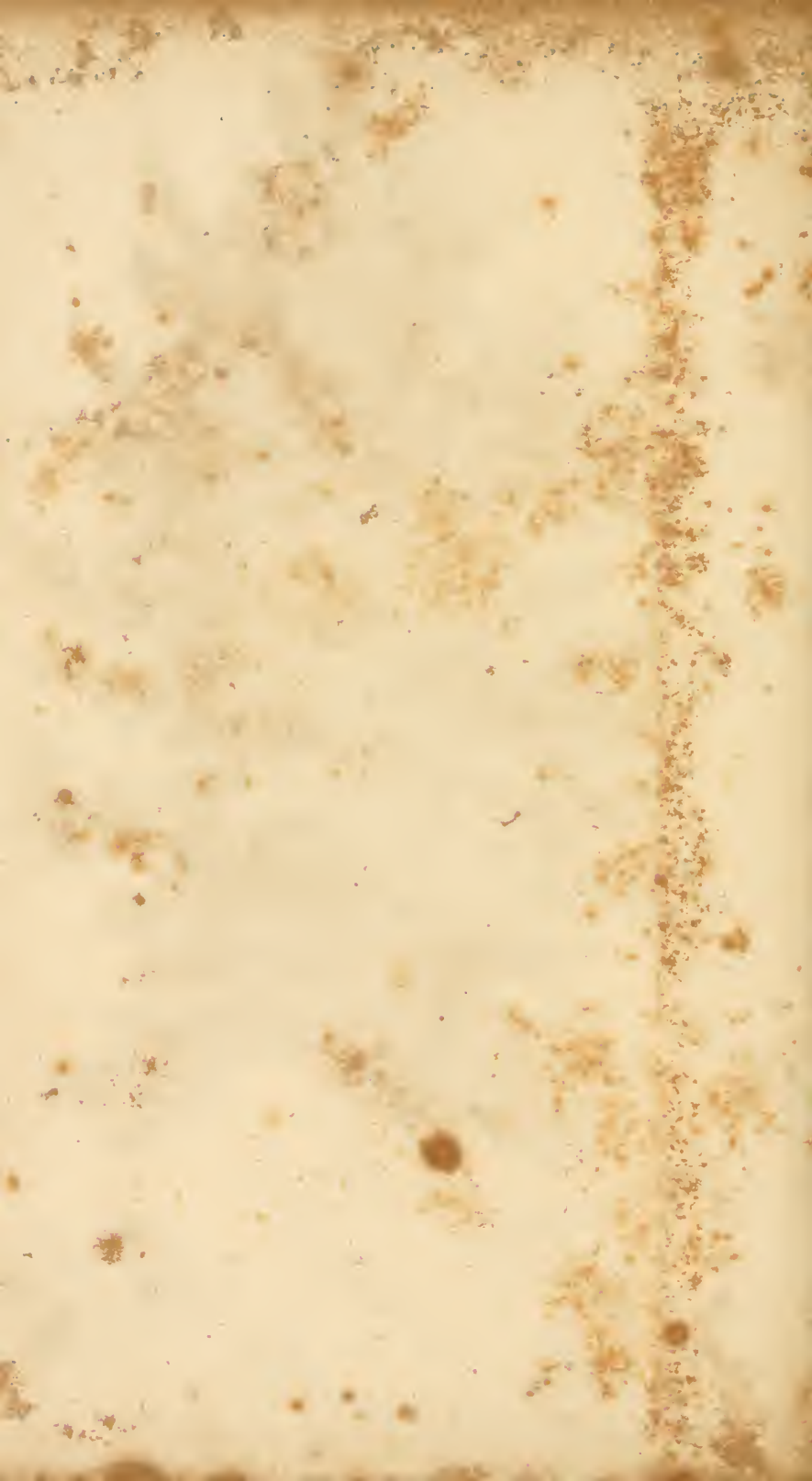
The Austrian Field Maple.



28  $\frac{3}{4}$  ft. high, 6 in. diam.







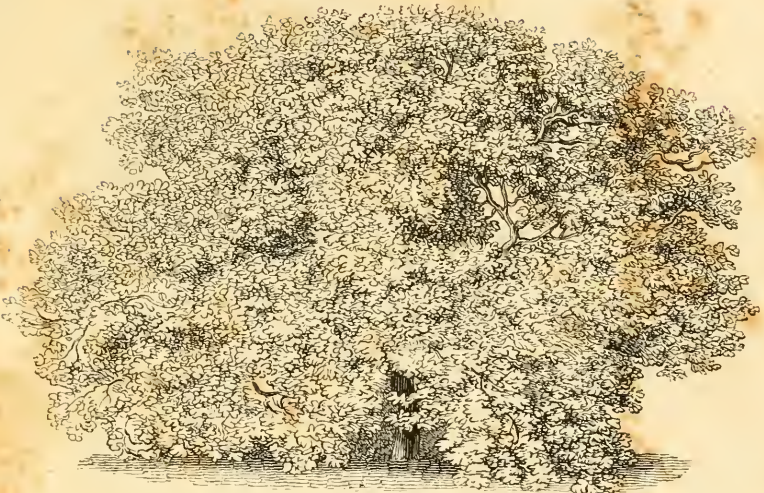
**INSERT FOLDOUT HERE**





*Acer créticum.*

The Cretan Maple.



Full-grown tree at Syon, 28 ft. high; diam. of the trunk,  $2\frac{1}{2}$  ft.; and of the head, 43 ft.  
[Scale 1 in. to 12 ft.]





Negundo fraxinifolium.  
The Ash-leaved Box Elder.



50 ft. high; 8 in. diam.







*Negundo fraxinifolium crispum.*  
The curled Ash-leaved Box Elder.



15¾ ft. high: 4½ in diam





*Æsculus Hippocástanum.*  
The common Horse-chestnut.



30 1/2 ft. high, 8 in. diam.





*Æsculus Hippocástanum.*  
The *common* Horse-Chestnut.



Full-grown tree at Forty Hill, Enfield, 62 ft. high; diam. of the trunk, 4 ft.; and of the head, 48 ft.  
[Scale 1 in. to 12 ft.]





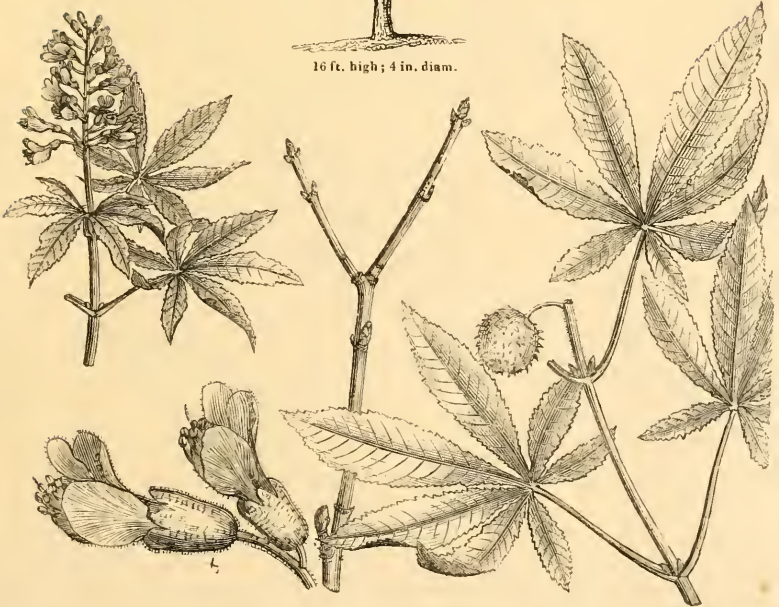


*Æsculus cárnea.*

The flesh-colour-flowered Horse-chestnut.



16 ft. high; 4 in. diam.





*Pavia rubra.*

The red-flowered Pavia, or smooth-fruited, Horse-chestnut tree.



10 ft. high. 2½ in. diam.







*Pavia rubra.*

The red-flowered Pavia, or smooth fruited, Horse chestnut tree.



Full-grown tree at Syon, 26 ft high; several small trunks from the same root; head, 27 ft. diam.  
[Scale 1 in. to 12 ft.]





*Pavia húmilis péndula.*  
The pendulous-branched Pavia.



11 ft. high, 2  $\frac{3}{4}$  in. diam.





*Pavia flava.*

The yellow-flowered, Pavia, or smooth-fruited Horse-Chestnut.



15 ft. high, 6 in. diam.







*Æsculus (Pavia) flava.*

The yellow-flowered (Pavia) Horse-chestnut.



Full grown tree at Syon, 40 ft. high; trunk, 1 ft. 4 in. diam.; diam. of the head, 39 ft.





*Pavia macrocarpa.*  
The large-fruited Pavia.



13 ft. high, 3 in. diam.







*Kölreutèria paniculàta.*

The panicled-flowered Kölreuteria.

14  $\frac{3}{4}$  ft. high, 3 in. diam.



*Xanthoxylon fraxineum.*  
The Ash-leaved Tooth-ache Tree.



12 ft. high 2 1/2 in. diam.





*Ptelea trifoliata.*  
The three-leafleted Shrubby Trefoil.



16½ ft. high, 2½ in diam.







*Ailantus glandulosa.*  
 The glandulous-leaved Ailantus



32 ft. high, 8 in. diam



*Ailántus glandulòsa.*

The glandulous-leaved Ailantus.



Full-grown tree at Syon, 71 ft. high.  
[Scale 1 in. to 12 ft.]





*Euonymus europæus.*

The European, or common Spindle tree.



10 ft. high, 2 1/2 in. diam.





*Euonymus latifolius.*

The broad-leaved Spindle tree.



12 ft high, 2 in. diam.





*Ilex Aquifolium.*

The sharp-leaved, or common, Holly.



14 ft. high, 3½ in. diam







*Ilex Aquifolium.*

The sharp-leaved, or common, Holly.



Full-grown tree at Studley, 53 ft. 7 in. high.  
[Scale 1 in. to 12 ft.]





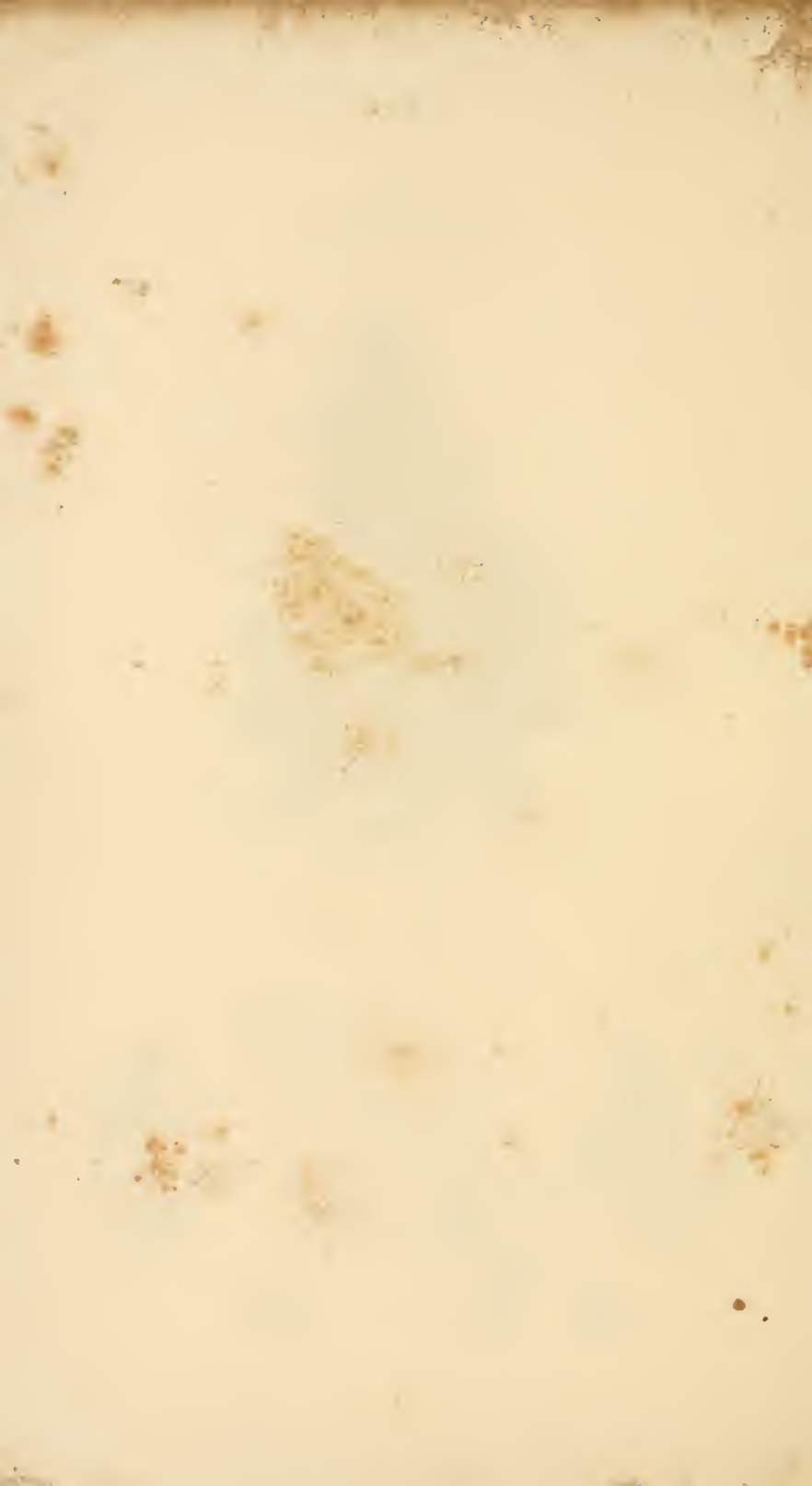
*Ilex opaca.*

The opaque-leaved Holly.



12 ft. high, 2½ in diam.





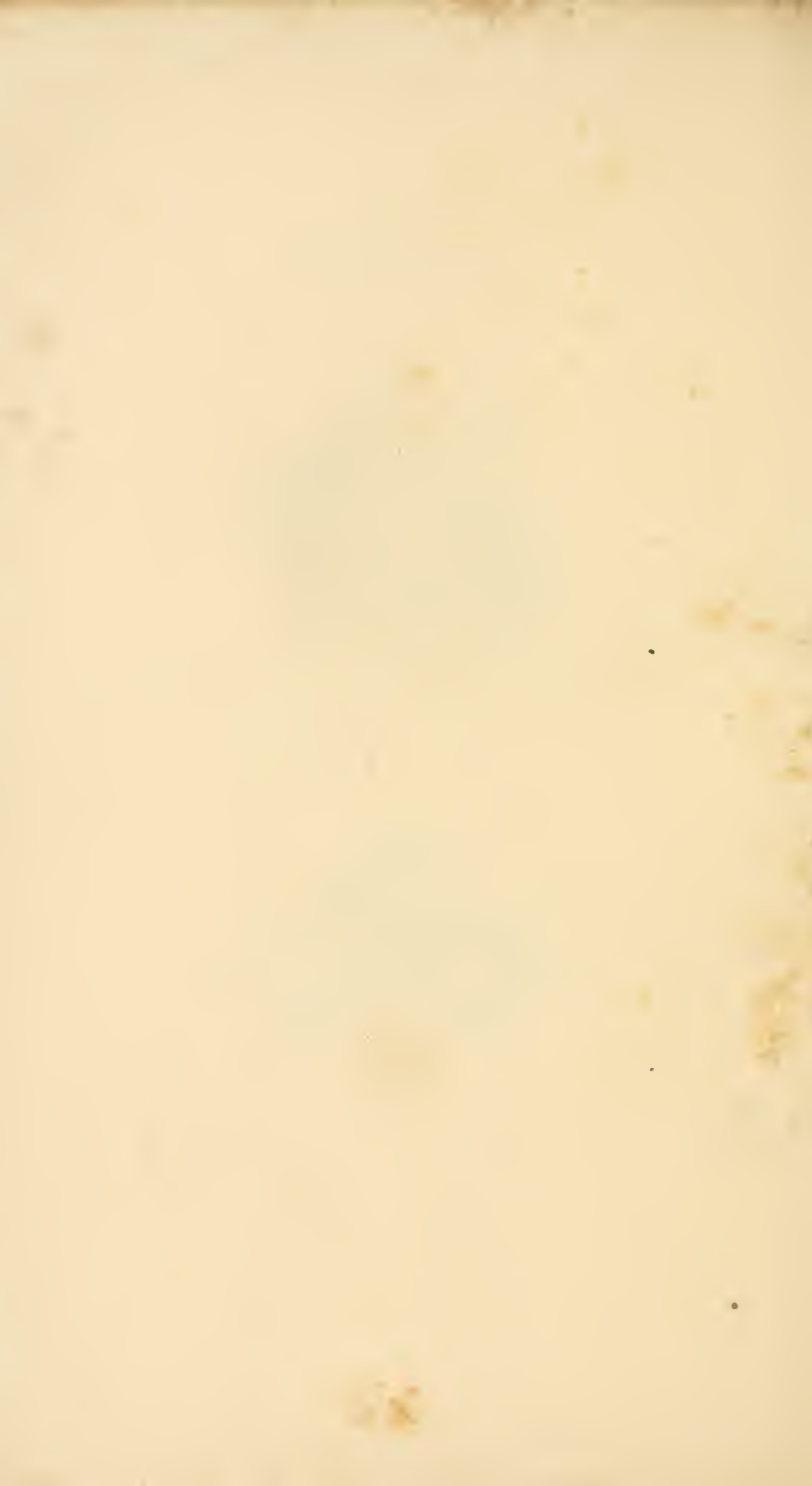


*Ilex opàca.*  
The opaque-leaved Holly.



Full-grown tree at Syon, 18 ft. high; diam. of the trunk, 1 ft., and of the branches, 23 ft.  
[Scale 1 in. to 12 ft.]





*Paliurus aculeatus.*  
The prickly Christ's Thorn.



13½ ft. high, 2 in. diam.





*Paliurus aculeatus.*

The prickly Paliurus, or *Christ's thorn*.



Full grown tree at Syon, 33 ft. high; diam. of the trunk, 1 ft.; and of the head, 30 ft.  
[Scale 1 in. to 12 ft.]





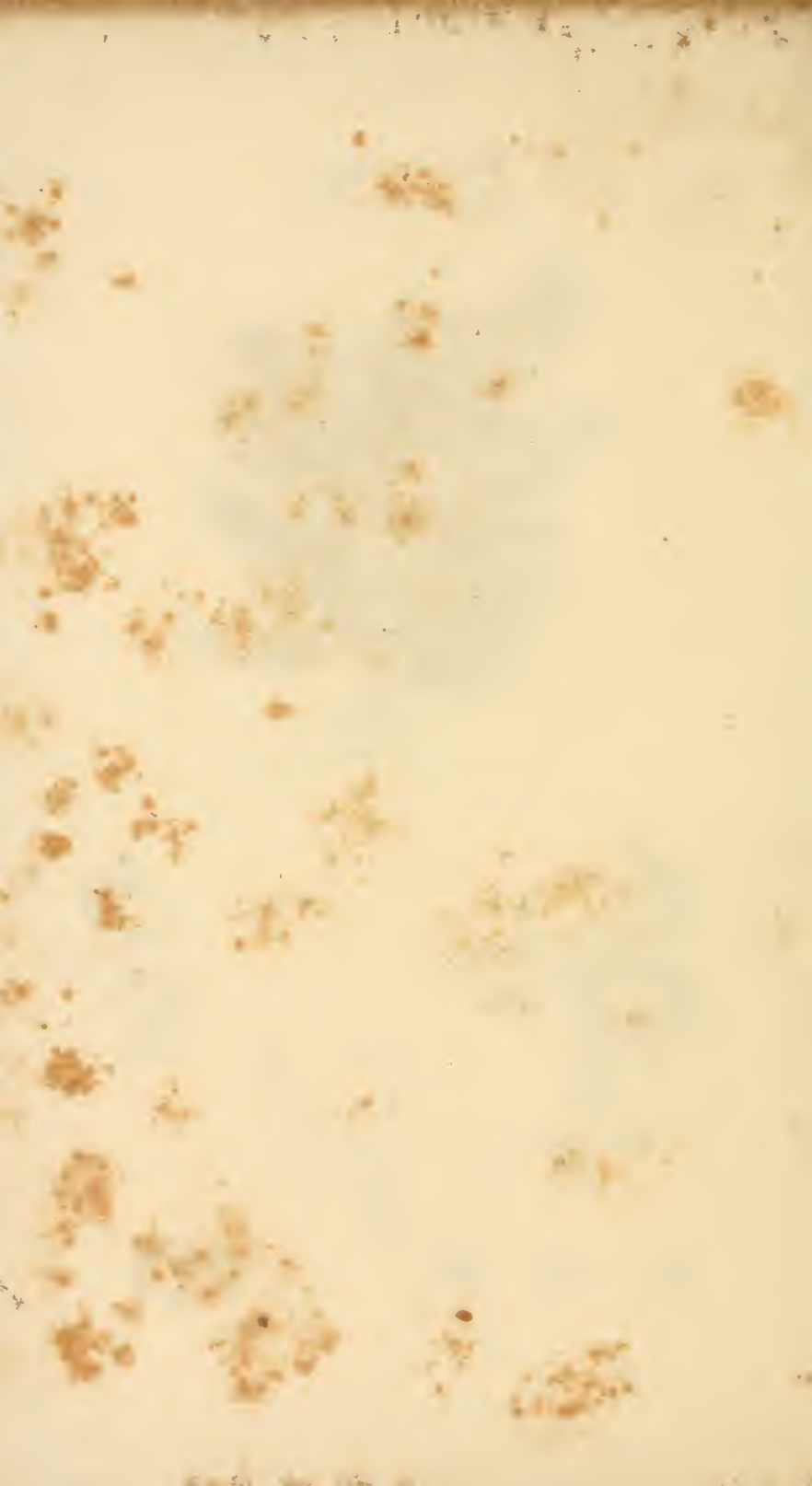


*Rhámnus cathárticus.*  
The purging Blackthorn.



12 ft. high, 3 1/2 in. diam.





*Rhámnus álpinus.*  
The Alpine Rhamnus, or Buckthorn.



11 ft. high, 3 in. diam.







*Rhámnus Frángula.*

The Frangula, or brittle-wooded, Buckthorn.



10 ft. high, 1 ½ in. diam.

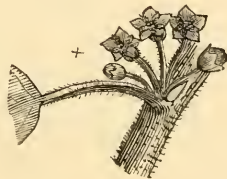




*Rhampus latifolius.*  
The broad-leaved Buck-thorn.



11 ft. high, 3 1/2 in. diam.

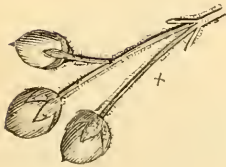




*Aristotèlia Macqui.*  
The Macqui Aristotelia.



10 ft. high, 1½ in. diam.







*Sophora japonica.*  
The Japanese Sophora.



20 ft. high 9 in. diam.





**INSERT FOLDOUT HERE**





*Sophora japonica pëndula.*

The drooping-branched Japanese Sophora.



12 ft. high, 3 in diam.





XVIII. A.

*Virgilia lutea.*

The yellow-wooded Virgilia.



17 ft. high, 5 1/2 in. diam.





*Cytisus Laburnum.*  
The common Laburnum.



15 ft. high, 5 in. diam.







*Cytisus Laburnum incisum.*  
The cut-leaved Laburnum.



15 ft high, 3 in. diam.





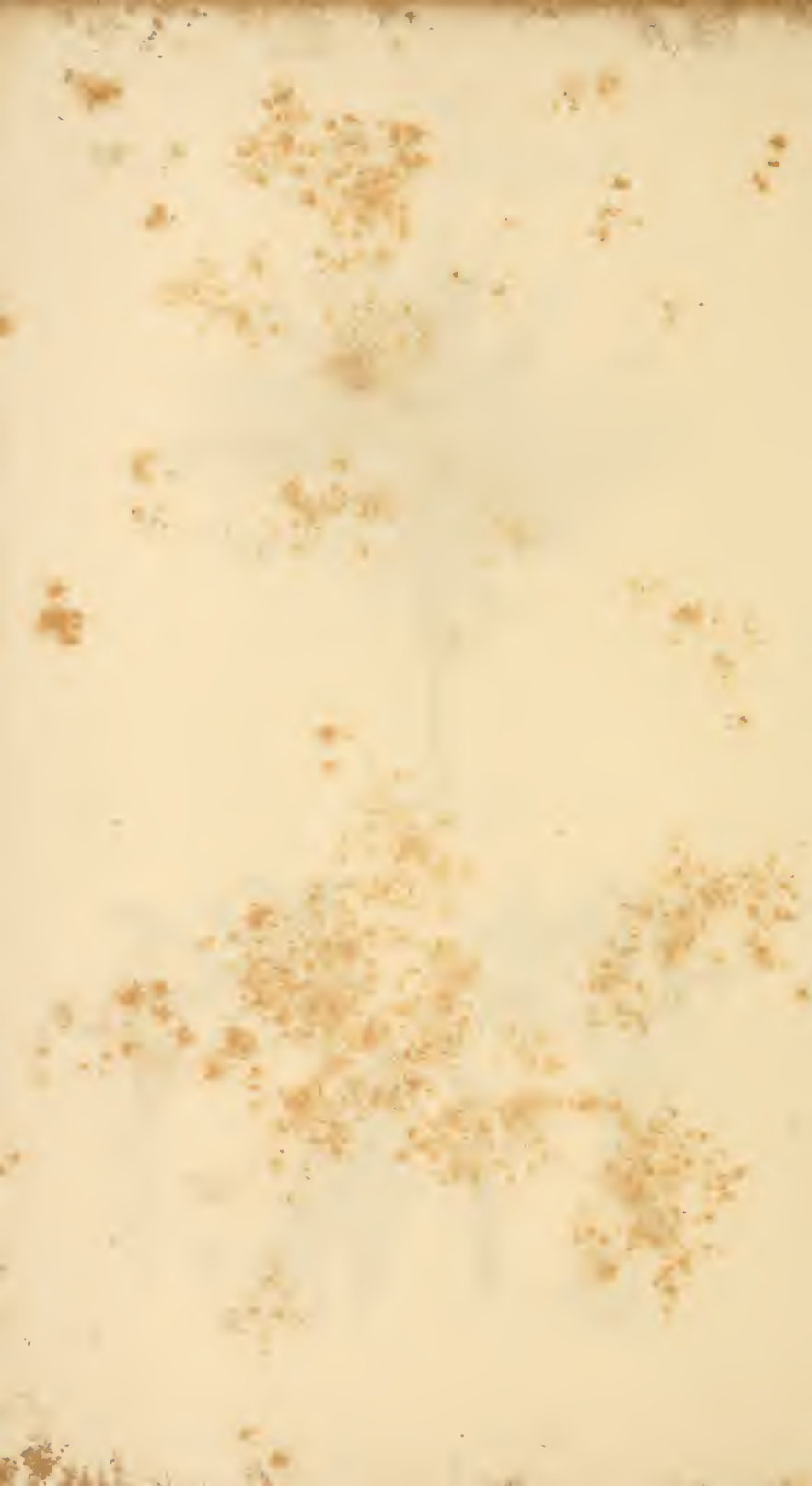
*Cytisus alpinus.*

The alpine Cytisus, or Scotch Laburnum.



12 ft. high, 3½ in. diam.





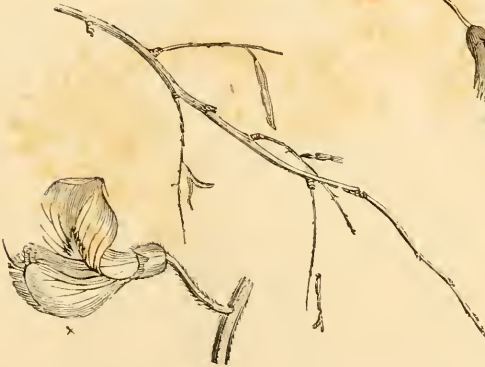
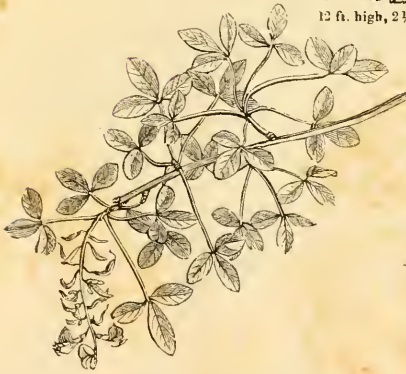


*Cytisus L. alpinus pëndulum.*

The pendulous Alpine, or Scotch, Laburnum.



12 ft. high, 2 1/2 in. diam.

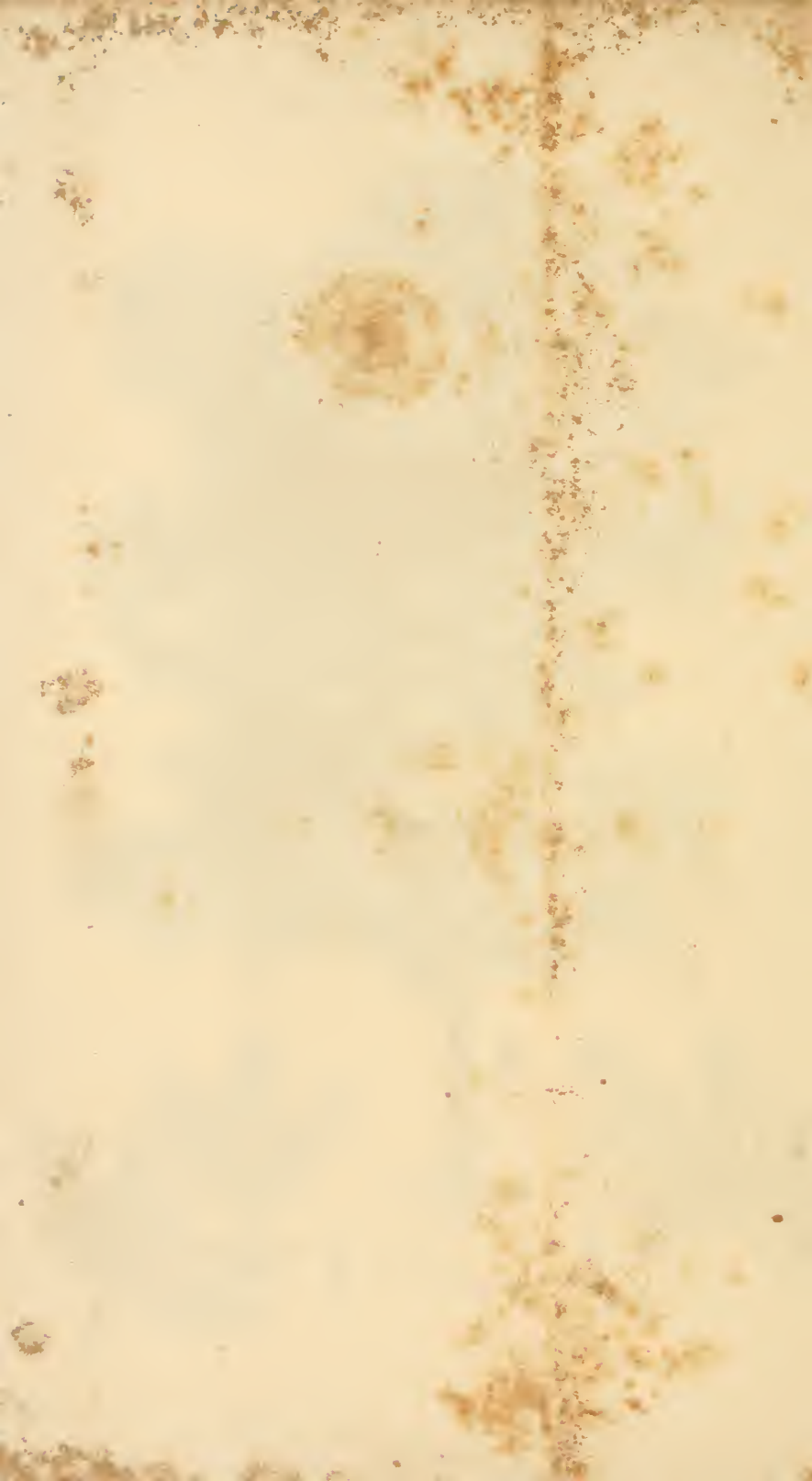






*Robinia Pseud-Acacia.*  
The Robinia, or False Acacia.





**INSERT FOLDOUT HERE**





*Robinia Pseud-acacia umbraculifera.*

The Umbrella, or Parasol, False Acacia Robinia.







*Robinia Pseud-Acacia tortuosa.*

The twisted-leaved Robinia, or False Acacia.



12 ft. high, 3 1/2 in. diam.





*Robinia viscosa.*

The clammy Robinia.



22 ft. high, 8 in. diam.







*Robinia (hispida) macrophylla.*

The long-leaved Robinia, or Rose Acacia.



8½ ft. high, 2½ in. diam.







*Caragana arborescens.*

The arborescent Caragana, or *Siberian Pea tree.*



11 ft. high, 3 in diam.



+



+



*Gleditsia triacanthos.*The three-spined Gleditschia, or *Honey Locust*.

19½ ft. high; 3½ m. diam.



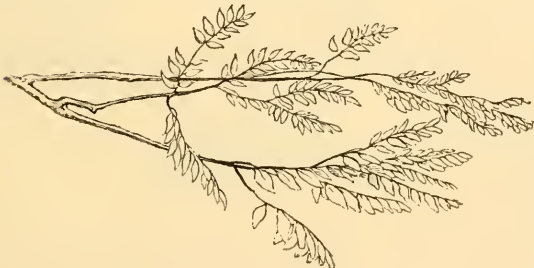




*Gleditsia triacanthos.*The three-thorned Gleditschia, or *Honey Locust*.

Full-grown tree at Syon, 68 ft. high; diam. of the trunk, 2 ft. 3 in.; and of the head, 40 ft.

[Scale 1 in. to 12 ft.]







*Gleditschia (triacánthos) inérmis.*

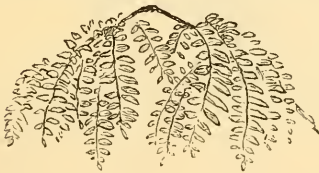
The unarmed or thornless *Gleditschia*, or *Honey Locust*.





*Gleditschia inermis.*The unarmed *Gleditschia*, or *Honey Locust Tree*.

Full grown tree at Syon, 72 ft. high; trunk, 2 ft. 4 in. diam.; head, 71 ft. diam.]  
[Scale 1 in. to 12 ft.]







*Gleditschia hórrida.*

The horrid-spined *Gleditschia*, or *Honey Locust*.



Full-sized tree from Syon, 54 ft. high; diam of the trunk, 3 ft.; and of the head, 54 ft.







*Gleditschia japonica.*  
The Japan Gleditschia.



10 ft. high, 2½ in. diam.





*Gleditschia hórrida nàna.*

The dwarf horridly-spined *Gleditschia*, or Honey Locust.



15 ft. high, 5 in. diam.







*Gleditschia hórrida purpúrea.*

The purple horridly-spined *Gleditschia*, or *Honey Locust*.



12 ft. high, 2 in. diam.





*Gleditschia macracantha.*The long-spined *Gleditschia*, or *Honey Locust*.

Full-grown tree at Syon, 57 ft. high; diam. of the trunk, 3 ft.; and of the head, 63 ft.

[Scale 1 in. to 12 ft.]







*Gymnocladus canadensis.*

The Canadian Gymnocladus, or Kentucky Coffee tree.







*Gymnócladus canadénsis.*

The Canadian Gymnocladus, or Kentucky Coffee tree.



Full-grown tree at Syon, 57 ft. high, diam. of the trunk, 3 ft. ; and of the head, 47 ft.  
[Scale 1 in. to 12 ft.]





*Cercis Siliquástrum.*  
The common Judas tree.



11 ft. high, 3½ in. diam.







*Cercis Siliquástrum.*  
The *common Judas tree.*



Full-grown tree at Syon, 24 ft. high; diam. of the trunk, 2 ft.; and of the head, 32 ft.  
[Scale 1 in. to 12 ft.]





*Cercis canadensis.*

The Canadian Judas tree.



10 ft. high, 2 in. diam.





*Acacia dealbata.*  
The whitened Acacia.



18 ft. high, 3 in. diam.













