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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 J. C. LOUDON, F.L. & H.S. &c.

AUTHOR OF THE ENCYCLOPÆDIAS OF GARDENING AND OF AGRICULTURE.

IN EIGHT VOLUMES:

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

VOL. VIII.

THE PLATES FROM *CORYLA'CEÆ* TO *CUPRE'SSINÆ*.

SECOND EDITION.

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21 ft. high, 4 in. diam.

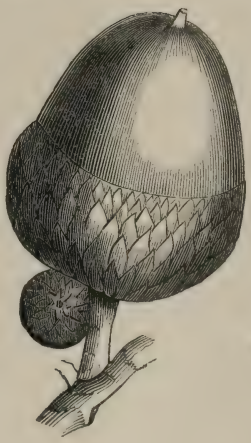
Quércus obtusíloba.

The obtuse-lobed-*leaved* Oak.

11 ft. high, 2 in. diam.

The Swamp Chestnut Oak.

10 ft. high, 3 in. diam.



Quércus Prìnus monticola.

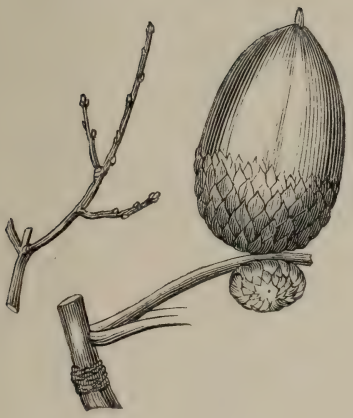
The Rock Chestnut Oak.

10 ft. high, 2¼ in. diam.

Quércus Prìnus tomentòsa.

The pubescent Chestnut Oak.

11 ft. high, 3 in. diam.



Quércus rùbra.

The red Oak.

12 ft. high, 2 in. diam.

Full-grown tree at Syon ; 57 ft. high, diam. of the head 55 ft.
[Scale 1 in. to 12 ft.]

Quércus rùbra.

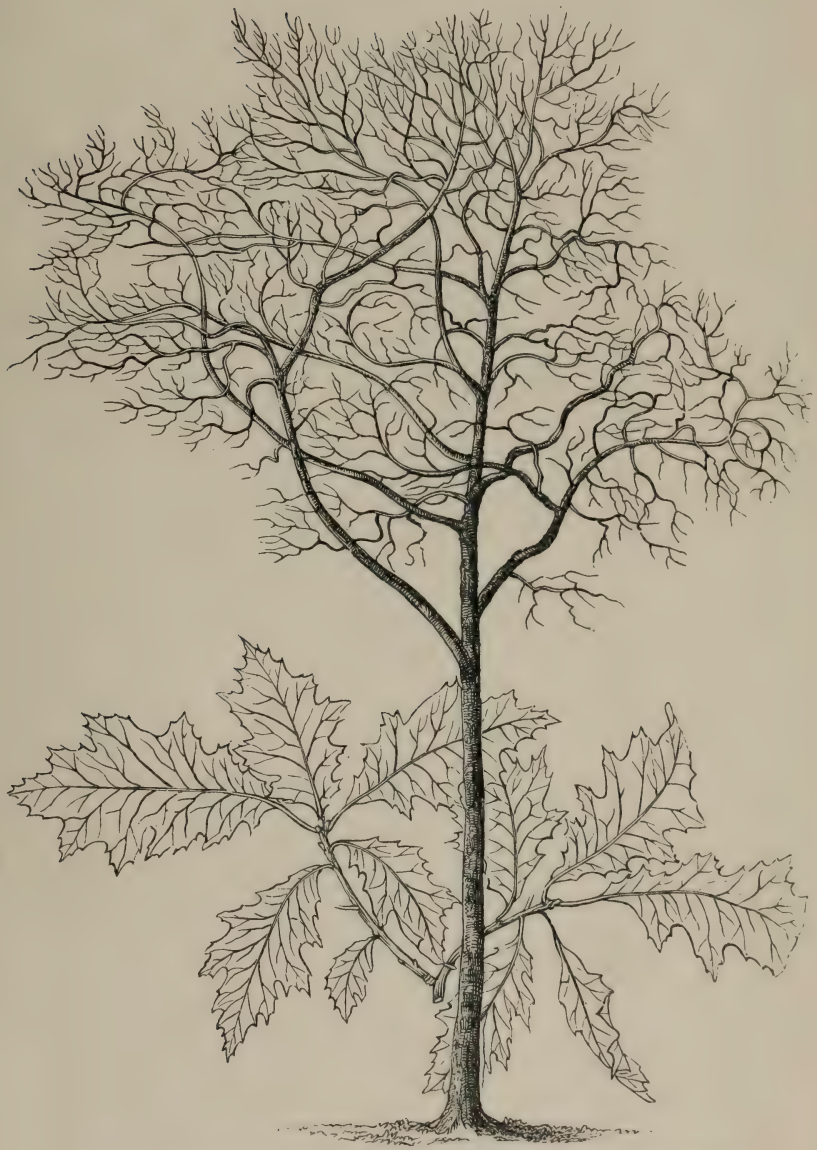
The red, *or Champion,* Oak.

Full-grown tree in the Fulham Nursery ; 40 ft. high.
[Scale 1 in. to 12 ft.]

18 ft. high, 4 in. diam.

Quércus coccínea.

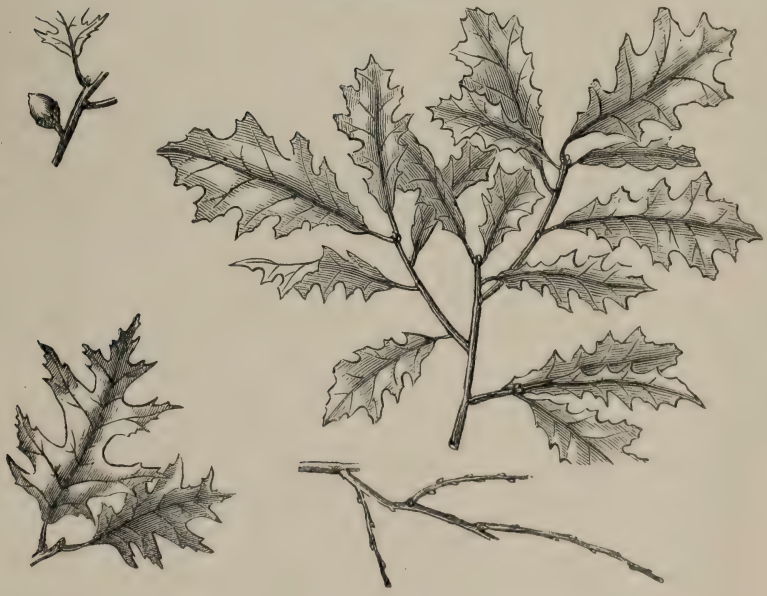
The scarlet Oak.



Full-grown tree at Muswell Hill ; 70 ft. high, diam. of the trunk 3 ft., and of the head 45 ft.
[Scale 1 in. to 12 ft.]

The ambiguous, *or grey,* Oak.

16 ft. high, 3 in. diam.



The Dyer's, *or Quercitron*, Oak.

20 ft. high, 4 in. diam.

24 ft. high, 4 in. diam.

Full-grown tree at Syon ; 90 ft. high, diam. of the trunk 6 ft., and of the head 48 ft.
[Scale 1 in. to 12 ft.]

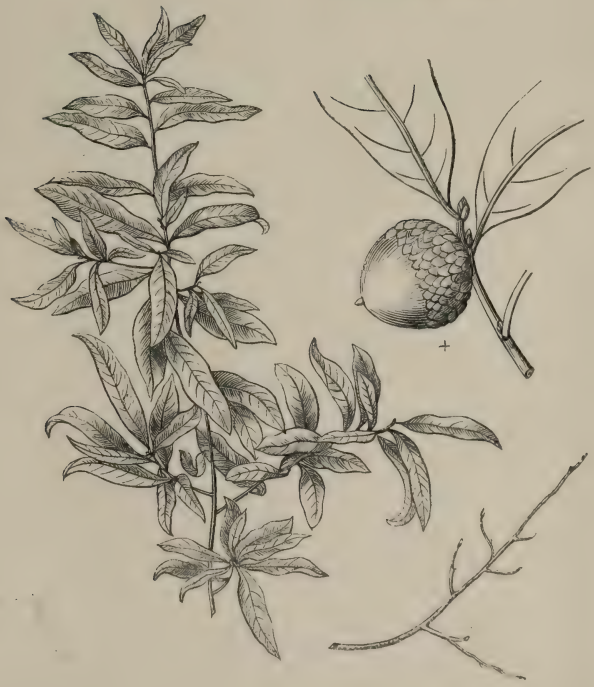
Quércus Phéllos.

The Phellos, *or Willow-leaved,* Oak.

Full-grown tree at Syon; 83 ft. high, diam. of the trunk 3 ft., and of the head 61 ft.
[Scale 1 in. to 12 ft.]

The broad-leaved Willow Oak.

13 ft. high, 3½ in. diam.



Quércus Ilex.

The Holly, *or evergreen,* Oak.

Full-grown tree at Syon ; 75 ft. high.
[Scale 1 in. to 12 ft.]

17 ft. high, 6½ in. diam.

Quércus Ílex longifòlia.

The long-leaved Ilex, *or Holm*, Oak.

13 ft. high, 4 in. diam.

Quércus gramúntia.

The Grammont, *or Spanish*, Oak.

Full-grown tree at Purser's Cross ; 42 ft. high, diam. of the trunk 2 ft., and of the head 30 ft. [Scale 1 in. to 12 ft.]

Quércus Súber.

The Cork tree Oak.

Full-grown tree in the Fulham Nursery; 27 ft. high, diam. of the trunk 2 ft., and of the head 27 ft. [Scale 1 in. to 12 ft.]

Quércus Sùber.

The Cork tree.

Full-grown tree at Muswell Hill; 40 ft. high, diam. of the trunk 1½ ft.
[Scale 1 in. to 12 ft.]

Quércus Sùber dentàtum.

The toothed-*leaved* Cork tree.

Full-grown tree at Muswell Hill; 50 ft. high, diam. of the trunk 1½ ft., and of the head 45 ft. [Scale 1 in. to 12 ft.]

The green, *or Live,* Oak.

16 ft. high, 2¼ in. diam.

22 ft. high, 6 in. diam.

Fàgus sylvática cristàta (syn. *crispa*).

The crested, *or curled-leaved,* wood Beech.

13 ft. high, 2½ in. diam.

Fàgus sylvática péndula.

The pendulous-*branched* wood Beech.

14 ft. high, 3½ in. diam.

Fàgus sylvática péndula.

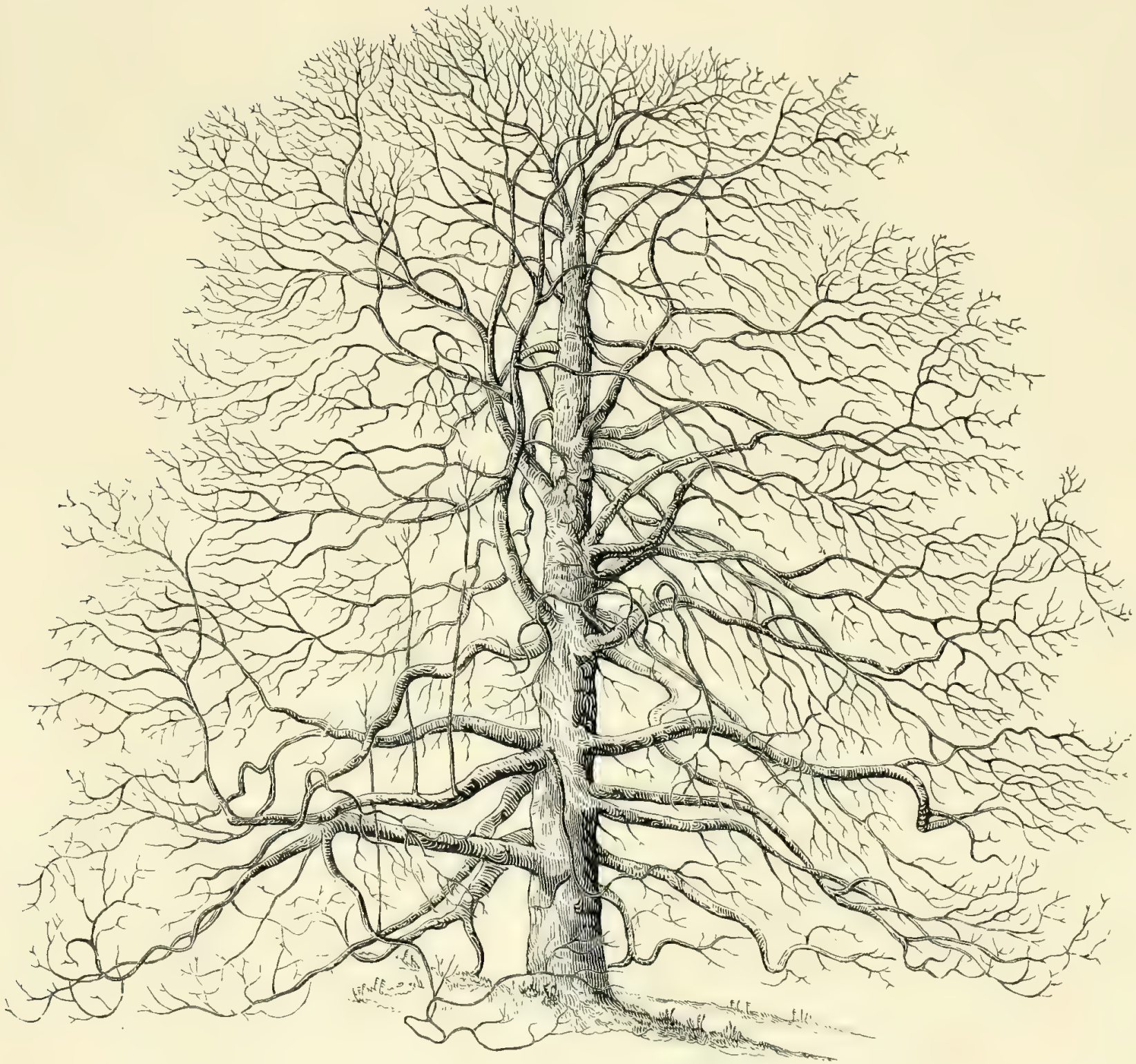
The pendulous-*branched* wood Beech.

Full-grown tree at Oundle ; 50 ft. high.
[Scale 1 in. to 12 ft.]

18 ft. high, 8 in. diam.

Castànea vésca.

The eatable, *or Sweet*, Chestnut.



Full grown tree at Muswell Hill; 66 ft. high, diam. of the trunk 8 ft., and of the head 60 ft.
[Scale 1 in. to 12 ft.]

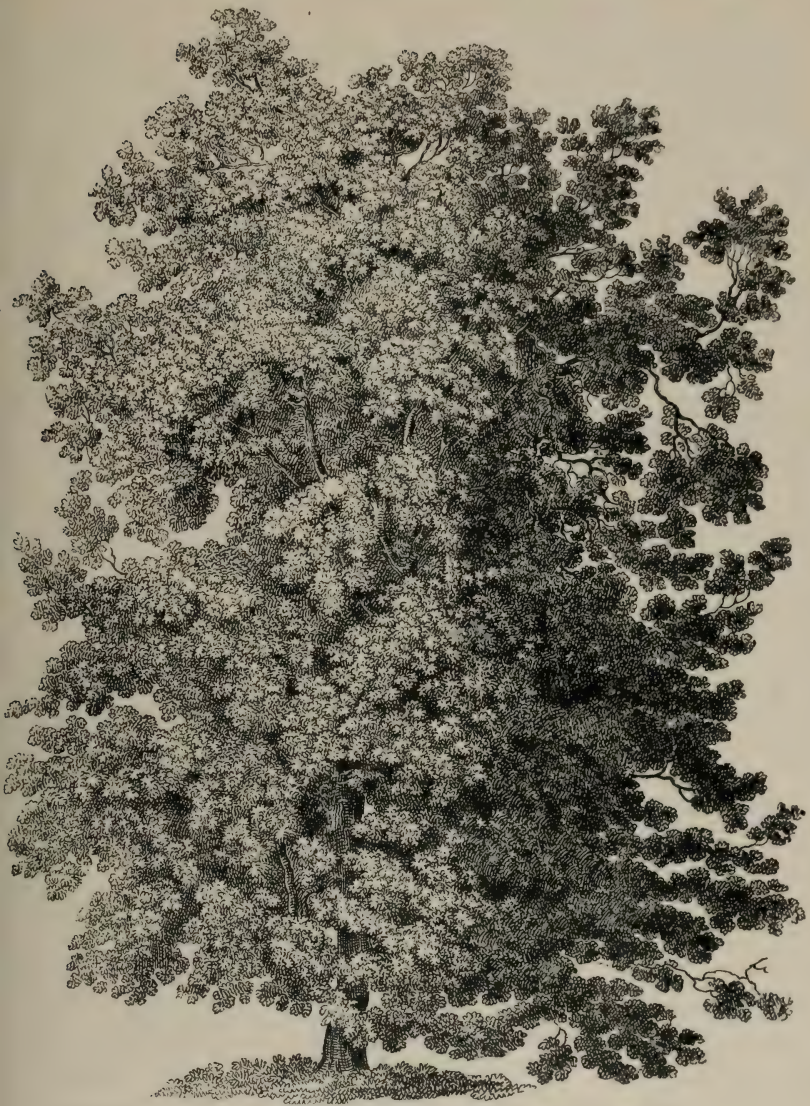
17½ ft. high, 8 in. diam.

The Birch-like, *or common,* Hornbeam.

Full-grown tree at Chiswick Villa; 45 ft. high.
[Scale 1 in. to 12 ft.]

The common Hop Hornbeam.

13 ft. high, 5½ in. diam.



Full-grown tree at Kew ; 66 ft. high, diam. of the trunk 3 ft., and of the head 54 ft.
[Scale 1 in. to 12 ft.]

O'strya virginica.

The Virginian Hop Hornbeam.

10 ft. high, 4 in. diam.

The *Constantinople* Hazel.

The *Constantinople* Hazel.

Full-grown tree at Syon ; 61 ft. high.

18 ft. high, 9 in. diam.

19 ft. high, 5 in. diam.

20 ft. high, 6 in. diam.

Plátanus orientàlis acerifòlia.

The Maple-leaved Oriental Plane tree.

Full-grown tree at Elmshurst, Finchley; 55 ft. 6 in. high, diam. of trunk 3 ft., and of head 38 ft. [Scale 1 in. to 12 ft.]

Plátanus orientàlis cuneàta.

The wedge-shaped-*leaved* Oriental Plane.

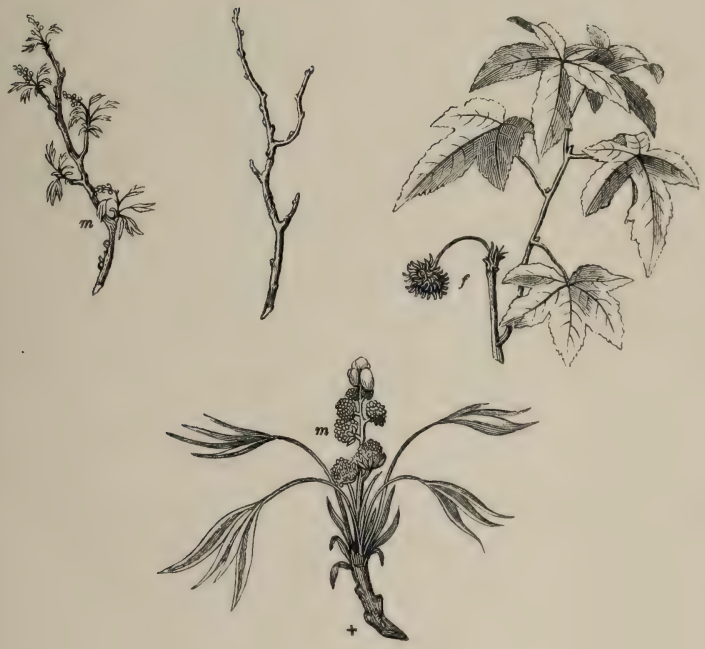
13 ft. high, 6 in. diam.

30 ft. high, 10 in. diam.

Liquidámbar Styracíflua.

The Sweet Gum Liquidambar.

11 ft. high, 3 in. diam.



The Sweet Gum Liquidambar.

[Full-grown tree at Syon ; 59 ft. high.
[Scale 1 in. to 12 ft.]

Táxus baccàta.

The berried, *or common,* Yew.

11 ft. high, 3½ in. diam.

The berried, *or common*, Yew.

Full-grown tree in Harlington Churchyard; 58 ft. high, diam. of trunk 9 ft., and of head 50 ft.
[Scale 1 in. to 12 ft.]

Táxus baccàta.

The berried, *or common,* Yew.

Full-grown tree in Darley Churchyard, Derbyshire; 55 ft. high, diameter of the trunk 19 ft. 3 in. at 6 ft. from the ground, and of the head 70 ft. [Scale 1 in. to 15 ft.]

Táxus baccàta fastigiàta.

The upright berried, *or Irish,* Yew.

11 ft. high, 4 in. diam.

Salisbùria adiantifòlia.

The Maiden-hair-leaved Salisburia, *or Ginkgo tree.*

14 ft. high, 2½ in. diam.

The Maiden-hair-leaved Salisburia, *or Ginkgo tree.*

The parent tree in the Mile End Nursery ; 57 ft. high, diam. of trunk 3 ft., and of head 45 ft. [Scale 1 in. to 12 ft.]

The wood, *or common Scotch*, Pine.

15 ft. high, 4 in. diam.

Pìnus *sylvéstris.*

The wood, *or common Scotch,* Pine.

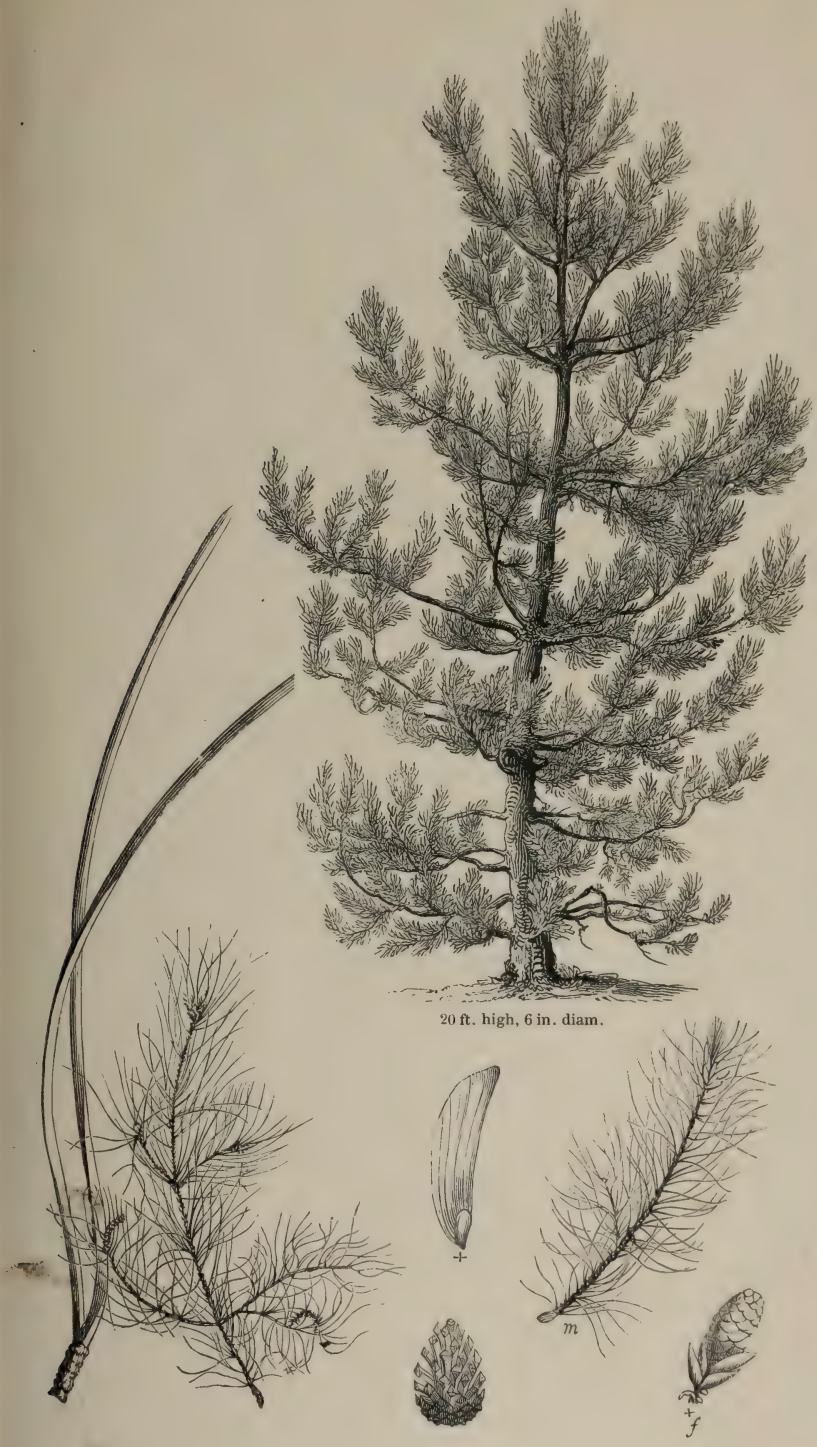
Full-grown tree at Pain's Hill; 60 ft. high, diam. of the head 40 ft.
[Scale 1 in. to 12 ft.]

Full grown tree at Muswell Hill; 70 ft. high, diam. of the trunk 4 ft. 6 in., and of the head 43 ft.

Pinus sylvéstris genevénsis.

The Genevese wood Pine.

15 ft. high, 8 in. diam.



20 ft. high, 6 in. diam.

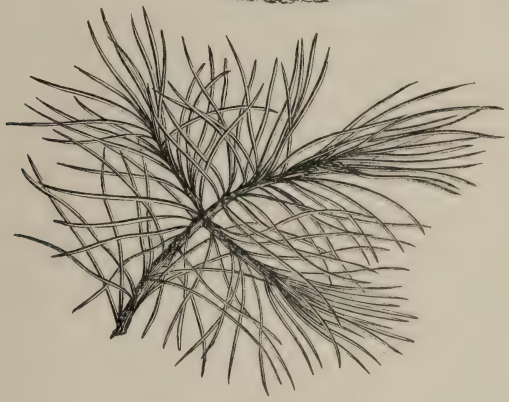
Full-grown tree at Kew : 85 ft. high.
[Scale 1 in. to 12 ft.]

The *Taurian, or* Pallas's, Pine.

15 ft. high, 8 in. diam.

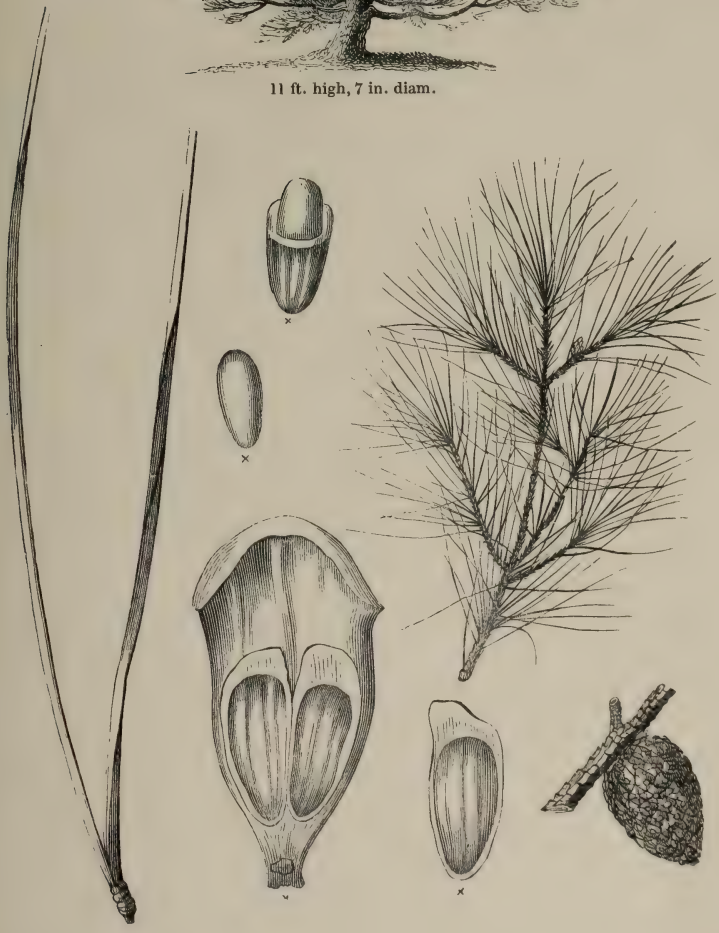
The Pinaster, *or Cluster* Pine.

Full-grown tree at Hendon ; 70 ft. high, diam. of the trunk 2 ft., and of the head 50 ft. [Scale 1 in. to 12 ft.]



The *Stone, or Kernel,* Pine.

11 ft. high, 7 in. diam.



18 ft. high, 7 in. diam.

Pìnus Tæ`da.

The Frankincense Pine.

Full-grown tree at Syon; 75 ft. high.
[Scale 1 in. to 12 ft.]

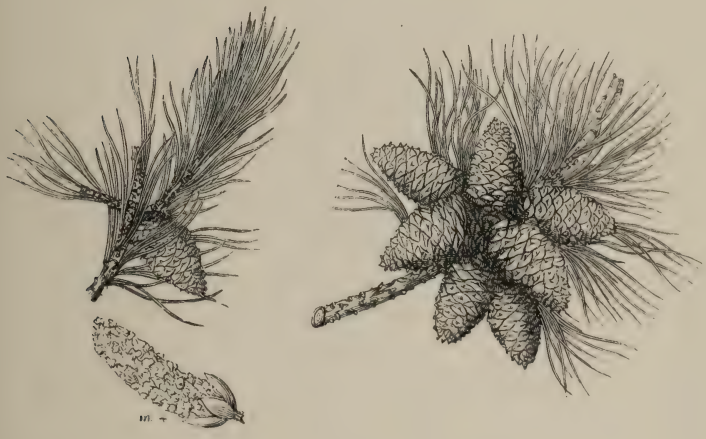
Pìnus rígida.

The rigid, *or American Pitch*, Pine.

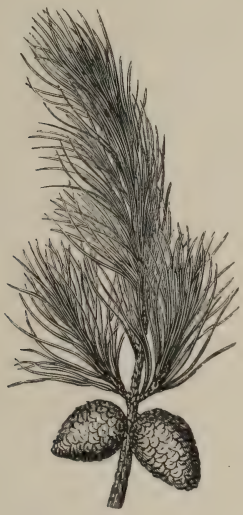
Tree at Dropmore ; 33 ft. high.
[Scale 1 in. to 8 ft.]

The rigid, *or American Pitch*, Pine.

Full-grown tree at Pain's Hill; 50 ft. high.
[Scale 1 in. to 12 ft.]



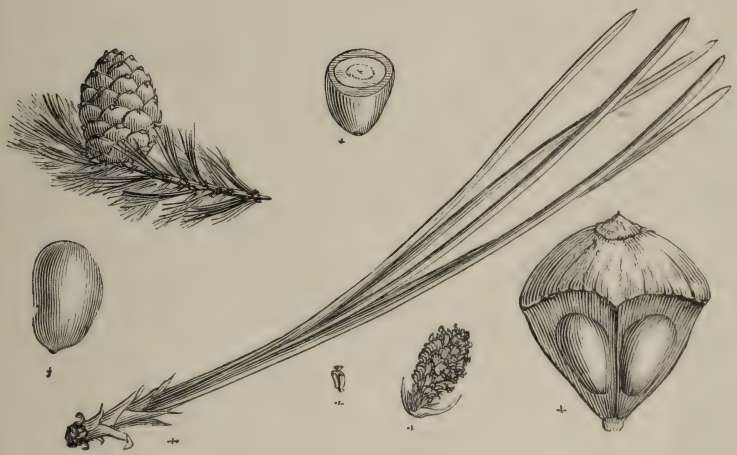
Tree at Dropmore; 32 ft. high. [Scale 1 in. to 12 ft.]



Pìnus Cémbra.

The Cembran, *or Siberian,* Pine.

Full-grown tree at Kew ; 40 ft. high.
[Scale 1 in. to 12 ft.]



The Strobus, *or Weymouth,* Pine.

16 ft. high, 6 in. diam.

18 ft. high, 3¾ in. diam.

Full-grown tree at Syon; 93 ft. high.
[Scale 1 in. to 12 ft.]

Full-grown tree at Studley; 132 ft. high, diam. of the trunk 6½ ft., and of the head 39 ft. [Scale 1 in. to 24 ft.]

Full-grown tree at Studley ; 121 ft. high, diam. of the trunk 3 ft. 4 in., and of the head 46 ft. 6 in.
[Scale 1 in. to 24 ft.]

A'*bies álba.*

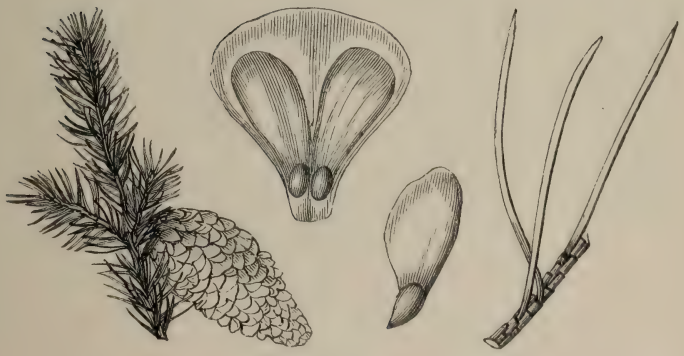
The white Spruce Fir.

14 ft. high, 3⅓ in. diam.

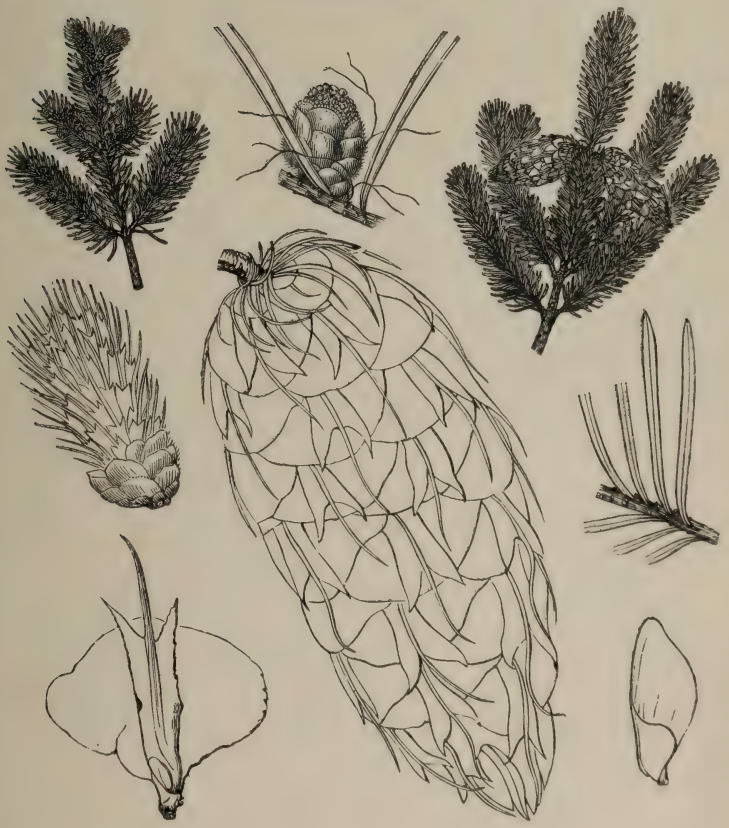
A'*bies Smithi*àna.

Smith's, *or the Himalayan,* Spruce Fir.

13 ft. high, 4½ in. diam.



10 ft. high, 2 in. diam.



A*bies canadénsis.

The Canadian, *or Hemlock Spruce,* Fir.

11 ft. high, 1½ in. diam.

A*bies canadénsis.*

The Canadian, *or Hemlock,* Spruce Fir.

Full-grown tree in Whitton Park ; 35 ft. high, diam. of the head 36 ft.
[Scale 1 in. to 12 ft.]

The Canadian, *or Hemlock,* Spruce.

Full-grown tree at Studley ; 60 ft. high, diam. of the head 50 ft.
[Scale 1 in. to 12 ft.]

Pícea pectinàta.

The comb-like-*leaved* Silver Fir.

22 ft. high, 3½ in. diam.

Full-grown tree at Syon; 96 ft. high, diam. of the trunk 2½ ft.
[Scale 1 in. to 12 ft.]

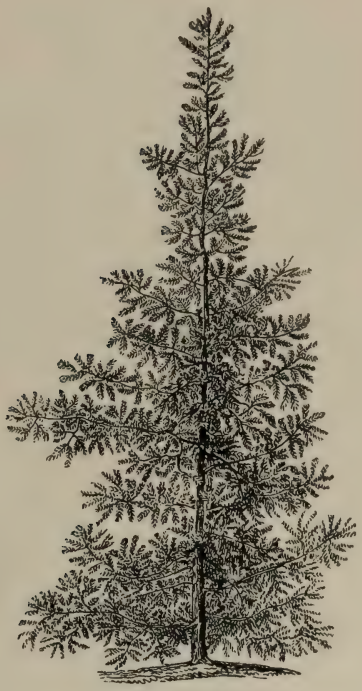
Pícea pectinàta.

The comb-like-*leaved, or common,* Silver Fir.

Full-grown tree at Roseneath ; 90 ft. high, diam. of the trunk 7 ft. 6 in., and of the head 66 ft.
[Scale 1 in. to 24 ft.]

Pícea balsamífera.

The balsam-bearing, *or Balm of Gilead,* Silver Fir.



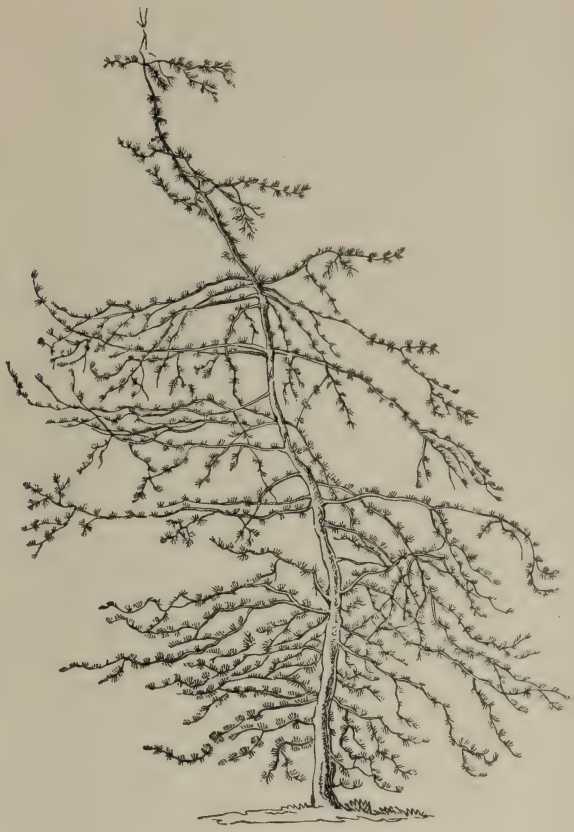
14 ft. high, 2⅓ in. diam.

20 ft. high, 6 in. diam.
+
f +
m +
m mag

The European, *or common*, Larch.

Full-grown tree at Kenwood ; 95 ft. high, diam. of the trunk 3 ft. 2 in.
[Scale 1 in. to 12 ft.]

The red-*coned* American Larch.



17 ft. high, 4 in. diam.

Full-grown tree at Syon ; 67 ft. high, diam. of the trunk 1 ft. 3 in., and of the head 35 ft. [Scale 1 in. to 12 ft.]

Cèdrus Libàni.

The Cedar of Lebanon.

15 ft. high, $3\frac{1}{2}$ in. diam.

Cèdrus Libàni.

The Cedar of Lebanon.

Full-grown tree at Syon ; 72 ft. high, diam. of the trunk 8 ft., and of the head 117 ft.
[Scale 1 in. to 12 ft.]

Full-grown tree at Kenwood ; 90 ft. high.
[Scale 1 in. to 12 ft.]

Cèdrus Libàni.

The Cedar of Lebanon.

Full-grown tree at Foxley, planted by Sir Uvedale Price; 50 ft. high, diam. of the trunk 4 ft., and of the head 50 ft.
[Scale 1 in. to 12 ft.]

Cèdrus Libàni var. glaúca.

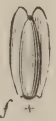
The glaucous-*leaved, or Silver,* Cedar.

Full-grown tree at Thomson's Villa, Richmond ; 25 ft. high, diam. of the head 40 ft.
[Scale 1 in. to 12 ft.]

Thùja occidentàlis.

The Western, *or American*, Arbor Vitæ.

12 ft. high, 3 in. diam.



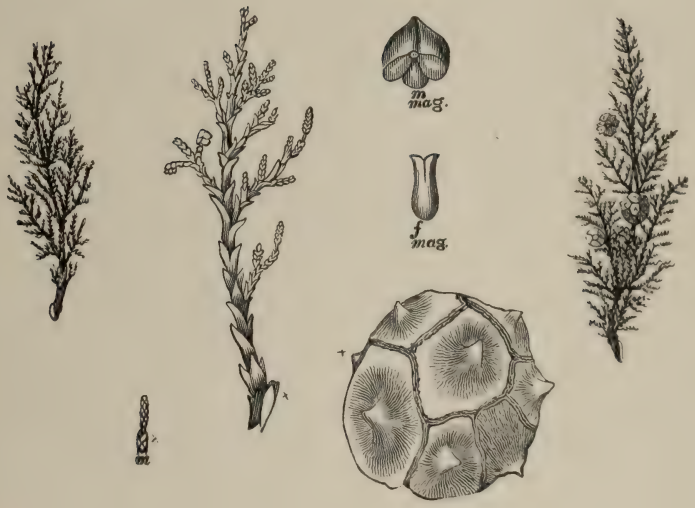
Thùja orientàlis strícta.

The upright Eastern, *or Chinese*, Arbor Vitæ.

14 ft. high, 4 in. diam.

The *common, or* evergreen, Cypress.

15 ft. high, 3 in. diam.



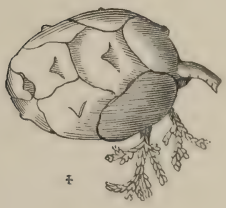
Cupréssus sempervìrens horizontàlis.

The spreading evergreen Cypress.

12½ ft. high, 3½ in. diam.

m +

f +



‡

Cupréssus lusitánica.

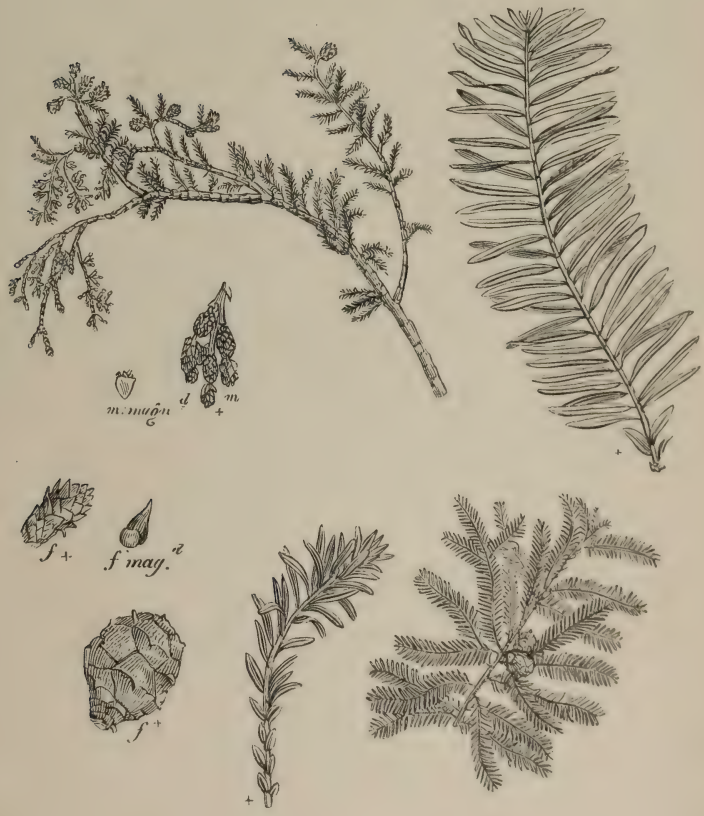
The Portugal Cypress, *or the Cedar of Goa.*

12 ft. high, 3½ in. diam.

Taxòdium distichum.

The two-rowed-*leaved* Taxodium, *or Deciduous Cypress.*

9 ft. high, 1½ in. diam.



The two-rowed-*leaved* Taxodium, *or Deciduous Cypress.*

Full-grown tree at Syon ; 68 ft. high, diam. of the trunk 3½ ft., and of the head 46 ft.

Juniperus phœnícea.

The Phœnician Juniper.

11 ft. high, 3½ in. diam.

Juniperus phœnicea.

The Phœnician Juniper.

Full-grown tree at Syon ; 18 ft. high, diam. of the trunk 6 in., and of the head 14 ft.
[Scale 1 in. to 12 ft.]

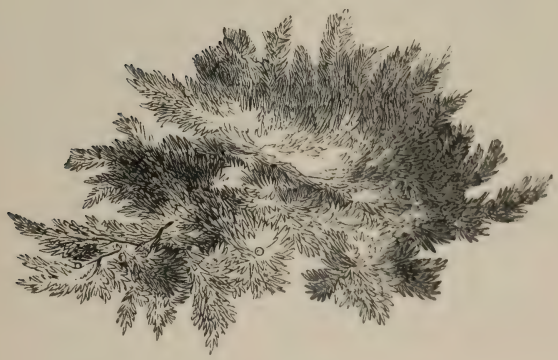
The Virginian Juniper, *or Red Cedar.*

13 ft high, 3½ in diam.

Juníperus virginiàna.

The Virginian Juniper, *or Red Cedar.*

Full-grown tree at Syon ; 36 ft. high, diam. of the trunk $1\frac{1}{2}$ ft., and of the branches 25 ft.
[Scale 1 in. to 12 ft.]



Juníperus chinénsis (syn. *excélsa.*)

The tall Juniper.

13 ft. high, 3 in. diam.

m

f

m f

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TO

THE PLATES.

GENERAL INDEX TO THE PLATES.

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