

BIBLIOGRAPHY OF PINUS STROBUS LINNE
NATIONAL FORMULARY V

By

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A Thesis Submitted for the Degree of
GRADUATE IN PHARMACY

University of Wisconsin

1931

145

- Josselyn, J. 1672
Pinus Strobus.
New England Rarities, p. 115. (Sargent, Silva of No. Am., v. 11, p. 20)
Tells of the use of White Pine Bark for burns, also that the log is used in the manufacture of canoes.
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- Josselyn, J. 1675
Pinus Strobus.
Account of Two Voyages to New England, p. 64. (Sargent, Silva of No. Am., v. 11, p. 20)
Tells of the Medicinal value of Board Pine, a common synonym for Pinus Strobus.
-
- Plukenet, L. 1700
(Pinus Virginiana Conis longis non (ut in vulgari) echinatis.)
Almagest. Botanicum, p. 297. (Sargent, Silva of No. Am., v. 11, p. 20; Linne, Spec. Plantar., 1 ed., v. 2, p. 1001)
(The original was not available)
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- Tournefort, J. P. 1700
(Pinus Strobus.)
Institutiones rei herbariae, P. 586. (Flora Virginica, 2 ed., p. 152)
The original was not available.
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- Plukenet, L. 1705
(Pinus Americana quinis ex uno folliculo setis, longis, tenubis triquetris, ad unum agulum, per totam

longitudinem minutissimis crenis asperatis.)

Amaltheum Botanicum, p. 171. (Sargent, Silva of No. Am., v. 11, p. 18 & p. 20; Flora Virginica, 2 ed., p. 152.)

The original was not available.

Miller, P. 1724

(Pinus Strobus)

Gard. Dict., 8 ed., No. 13. (Sargent, Silva of No. Am., v. 11, p. 17.)

The original was not available.

Colden, C. 1743

Pinus foliis longissimis ex una theca quinis:
The White Pine Tree nostratibus.

Act. Hortus Upsalensis, No. 229, p. 79. (Sargent, Silva No. Am., v. 11, p. 20; Linne, Spec. Plantarum, 1. ed., v. 2, p. 1001; Flora Virginica, ed. 2., p. 152)

Gives the above name to the plant and mentions its occurrence in New York.

Linne, C. 1753

Pinus Strobus.

Spec. Plant., 1. ed., v. 2, p. 1001. (Sargent, Silva of No. Am., v. 11, p. 17; Forest Trees of No. Am., 10th. Census of U. S., v. 9, p. 187; Aiton, Hortensis Kewensis, v. 3, p. 534; Jour. R. Hort. Soc., v. 14, 393; Rees Cyclop., v. 27, No. 17.)

A description of the plant, scientific synonyms and habitat with references.

Douglas, W. 1755

Concerning the Province of Massachusetts Bay.

A summary, Historical and Political, of the First planting, Progressive improvements, and Present State of British Settlements in North America, v. 1, p. 379. (Sargent, Silva No. Am., v. 11, p. 20.)

Records the rulings laid down by the British Parliament, reserving the timber for Royal Masts.

Douglas, W.

1755

White Pine

A Summary Historical and Political, of the First Planting, Progressive Improvements, and Present State of British Settlements in North America, v. 2, p. 53. (Sargent, Silva No. Am., v. 11, p. 17)

"An. 1736, near the Merrimac River a little above Dunstable was cut a white pine straight and sound, seven feet eight inches in diameter at the butt-end."

Duhamel de Munceau, H. L.

1755

Pinus Canadensis quinquefolia, floribus albis, conis oblongis and pendulis, squamis Abieti fere similis.

Traite des Arbres, v. 2, p. 127., t. 62,63; v. 5, p. 249, t. 76. (Sargent, Silva No. Am., v. 11, p. 20.)

A brief description of the cones and leaves with two references and synonyms.

Clayton, J.

1762

Pinus foliis quinis cortice glabro.

Flora Virginica, 2 ed., p. 152. (Sargent, Silva No. Am., v. 11, p. 20.)

A short article describing the plant and giving references.

Muenchhausen, O. V. 1765

(Pinus Strobilus.)

Der Hausvater, v. 5, p. 221. (Sargent, Silva No. Am.,
v. 11, p. 17.)

The original was not available.

Du Roi, J. P. 1772

(Pinus Strobilus.)

Harbk. Baumz., v. 2, p. 57. (Sargent, Silva No. Am., v.
11, p. 17; Forest Trees No. Am., 10th. census U.S.,
v. 9, p. 187.)

The original was not available.

Wangenheim, F. A. 1777

(Pinus Strobilus.)

Nordam. Holz., 1, t. 1, f. 1. (Sargent, Silva No. Am.,
10th. Census U. S., v. 9, p. 187)

The original was not available.

Thunberg, C. P. 1784

(Pinus Strobilus.)

Flora Japonica, p. 275. (Hort. Kewensis, 1 ed., v. 3,
p. 534)

The original was not available.

Marshall, H. 1785

Pinus Strobilus.

American Grove, p. 100.

Gives a detailed description of the plant.

Moench, K.

1785

(Pinus Strobilus.)

Baume Weiss., 70, Meth. 365. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U. S., v. 9, p. 187)

The original was not available.

Aiton, W.

1789

Pinus Strobilus.

Hortensis Kewensis, 1 ed., v. 3, p. 534. (Sargent, Silva No. Am., v. 11, p. 20; Forest Trees No. Am., 10th. Census U. S., v. 9, p. 187)

A list of references to Pinus Strobilus.

Castiglioni, L.

1790

Pinus Strobilus.

Viag. negli Stati Uniti, v. 2, p. 312. (Sargent, Silva No. Am., v. 11, p. 17.)

A brief description of the plant with synonyms and habitat.

Swartz, O.

1791

(Pinus Strobilus.)

Observations, p. 363. (Forest Trees No. Am., 10th. Census U.S., v. 9, p. 187)

The original was not available.

Belknap, J.

1792

Pinus Strobilus.

History of New Hampshire, v. 3, p. 108. (Sargent, Silva No. Am., v. 11, p. 17.)

"----Common saying in New England that no one ever lived long enough to see a stump of white pine rot. Durable fences made in New England of White Pine Stumps. ---"

Salisbury, R. A. 1796

(Pinus Tenuifolia.)

Prodromus, p. 399. (Sargent, Silva No. Am., v. 11, p. 17.)

The original was not available.

Willdenow, K. L. 1796

(Pinus Strobilus.)

Berl. Baumz. p. 213. (Linne, Spec. Plant., 4.ed., v. 4, pt. 1, p. 510; Willdenow, Enum., p. 989; Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Genus, U. S., v. 9, p. 187)

The original was not available.

Borkhausen, M. B. 1800

(Pinus Strobilus.)

Handb. Forstbot., v. 1, p. 440. (Sargent, Silva No. Am., v. 11, p. 17.)

The original was not available.

Michaux, A. 1803

Pinus Strobilus.

Fl. Bor. Am., v. 2, p. 205. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U.S., v. 9, p. 187)

A very brief description of the plant and its organs, parts and parts and distribution.

Poiret, J. L. 1804

(Pinus Strobilus.)

Eveyl. method. botanique., v. 5, p. 341; *ibid.*, v. 3, p. 369, t. 786, f. 3. (Sargent, Silva of No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U. S., v. 9, p. 187)

The original was not available.

De Candolle, A. P. & Delamarck, J. B. 1805

(Pinus Strobilus.)

Flora Francais, v. 3, p. 271. (Jour. R. Hort. Soc., 14, 393)

The original was not available.

Persoon, C. H. 1807

(Pinus Strobilus.)

Synopsis, v. 2, p. 579. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U. S., v. 9, p. 187)

The above reference gives no material on Pinus Strobilus.

Desfontaines, R. 1809

(Pinus Strobilus.)

Hist. Arb., v. 2, p. 612. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census, U.S., v. 9, p. 187; Jour. R. Hort Soc., v. 14, p. 393)

The original was not available.

Michaux, F. A.

1810

(Pinus Strobilus.)

Hist. Arb. Am., v. 1, p. 103, t. 10. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U. S., v. 9, p. 187)

The original was not available.

Du Mont de Courset, G. D.

1811

(Pinus Strobilus.)

Bot. Cult., 2 ed., v. 6, p. 462. (Sargent, Silva No. Am., v. 11, p. 17.)

The original was not available.

Stokes, J.

1812

(Pinus Strobilus.)

Bot. Mat. Med., v. 4, p. 435. (Sargent, Silva No. Am., v. 11, p. 17.)

The original was not available.

Lejeune, A. L.

1813

(Pinus Strobilus.)

Rev. Fl. Spa., p. 200. (Sargent, Silva No. Am., v. 11, p. 17.)

The original was not available.

Bigelow, J.

1844

Flora Boston., 1 ed., p. 234, 1814; *ibid.*, 2 ed., p. 359, 1824; *ibid.*, 3 ed., p. 385, 1840. (Sargent, *Silva No. Am.*, v. 11, p. 17; *Forest Trees No. Am.*, 10th. Census U. S., v. 9, p. 187.)

A detailed description of the plant parts of white pine.

Pursh. F. 1816

Pinus Strobilus.

Fl. Am. Sept. 2 ed., v. 2, p. 644. (Sargent, *Silva No. Am.*, v. 11, p. 20; *Forest Trees No. Am.*, 10th. Census U. S., v. 9, p. 187.)

A short description of the cones and leaves of the plant.

Nuttall, T. 1818

Pinus Strobilus.

Genera of North American Plants, v. 2, p. 223. (Sargent, *Silva No. Am.*, v. 11, p. 17; *Forest Trees No. Am.*, 10th. Census U.S., v. 9, p. 187.)

A Description of the genus *Pinus* and its several species including *Pinus Strobilus*.

Smith, __. 1819

Pinus Strobilus.

Rees' Cyclo. v. 27, No. 17. (*For. Trees No. Am.*, 10th. Census U.S., v. 9, p. 187.)

A short paragraph containing several references; describes the leaves, cones and mentions habitat.

Anon. 1822

P. Americana, quinis ex uno folliculo fetis.

Hort. Angl., or the Modern Eng. Garden, p. 57, t. 17,
f. 1. (Rees, Cyclop., v. 27, No. 17.)

The original was not available.

Hayne, F. G.

1822

(Pinus Strobilus.)

Dendr. Fl., p. 175. (Sargent, Silva No. Am., v. 11, p.
17; Forest Trees No. Am., 10th. Census U.S., v. 9, p.
187.)

The original was not available.

Elliot, S.

1824

Pinus Strobilus.

Sketch of the Botany of S. Carolina & Georgia, v. 2,
p. 638. (Sargent, Silva of No. Am., v. 11, p. 17;
Forest Trees of No. Am., 10th. Census U.S., v. 9,
p. 187)

A detailed description of the plant parts;
also its habitat.

Evelyn, J.

1825

Pinus Strobilus.

Silva, (Edited by Hunter,)v. 1, p. 281. (Sargent,
Silva No. Am., v. 11, p. 17)

A short description of the plant, illustrated
with cuts of leaves and cones.

Hamilton, F. & Buchanan, O.

1825

(Pinus Strobilus.)

Prodromus Florae Acc. Nepalensis, p. 83: excelsa.
(Aiton, Hort. Kew., 1. ed., v. 3, p. 534.)

The original was not available.

Sprengel, K. P.

1825

(Pinus Strobilus.)

Linne'g, System Veget., 2 ed., p. 887. (Forest Trees No. Am., 10th. U.S. Census, v. 9, p. 187.)

The above reference contained no material on Pinus Strobilus.

Richard, L. C.

1826

(Pinus Strobilus.)

Coniferae, t. 11. (Jour. R. Hort. Soc., v. 14, 393.)

The original was not available.

Richard, L. C.

1826

(Pinus Strobilus.)

Comm. Bot. Conif., p. 60, t. 12, f. 2. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. U. S. Census, v. 9, p. 187)

The original was not available.

Lambert, A. B.

1828

(Pinus Strobilus.)

Pinetum, 2 ed., v., 1, t. 1. (Jour. R. Hort. Soc., v. 14, 393.)

The original was not available.

Lambert, A. B.

1828

(Pinus Strobilus.)

Pinus, v. 1, p.31, t. 22. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U. S., v. 9,

p. 187; Rees, Cyclo., v. 27, No. 17.)

The original was not available.

Dietrich, D. N. 1828

(Pinus Strobus.)

Forst. Flora, v. 1, t. __. (Sargent, Silva No. Am., v. 11, p. 17.)

The original was not available.

Link, H. F. 1831

(Pinus Strobus.)

Handb., v. 2, p. 477. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U. S., v. 9, p. 187)

The original was not available.

Williamson, W. D. 1832

(Pinus Strobus.)

History of the State of Maine, v. 1, p. 110. (Sargent, Silva No. Am., v. 11, p. 17.)

"The White Pine has been seen six feet in diameter at the butt and two hundred and forty feet in height, and those over four feet through are frequent".

Williamson, W. D. 1832

Pinus Strobus.

History of the State of Maine, v. 2, p. 98. (Sargent, Silva of No. Am., v. 11, p. 20.)

"All pine trees in Maine marked with letter R for Royal use only".

- Eaton, J. 1833
(Pinus Strobus.)
Manual of Botany, 110, 6 ed., p. 265. (Forest Trees No. Am., 10th. U.S. Census, v. 9, p. 187.)
The original was not available.
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- Hartig, T. 1837
(Pinus Strobus.)
Jahrb. Forst., 1, p. 263. (Sargent, Silva No. Am., v. 11, p. 20.)
The original was not available.
-
- Loudon, J. C. 1838
(Pinus Strobus.)
Arbor, v. 4, p. 2153, f. 2043-44. (Jour. R. Hort. Soc., v. 14, 393.)
The original was not available.
-
- Loudon, J. C. 1838
(Pinus Strobus.)
Arb. Brit., v. 4, p. 2280, f. 2193-2196. (Sargent, Silva No. Am., v. 11, p. 20; Forest Trees No. Am., 10th. Census U. S., v. 9, p. 187.)
The original was not available.
-
- Dietrich, D. N. 1839
(Pinus Strobus.)
Syn., v. 5, p. 396. (Sargent, Silva No. Am., v. 11, p. 17.)
The original was not available.
-

Forbes, J.

1839

(Pinus Strobus.)

Pinetum Woburn, p. 83. (Sargent, Silva No. Am. v. 11, p. 17; Forest Trees No. Am., 10th. Census U.S., v. 9, p. 187.)

The original was not available.

Audubon, J. J.

1840

(Pinus Strobus.)

Birds of America, t. 39. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U.S., v. 9, p. 187.)

The above reference does not mention Pinus Strobus but Pl. 40 shows a cut of Pinus Inops.

Eaton, A. & Wright, J.

1840

Pinus Strobus.

No. Am. Botany, 41 ed., p. 359. (Forest Trees No. Am., 10th. Census U. S., v. 9, p. 187.)

Describes the leaves and cones of the tree.

Hooker, W. J.

1840

(Pinus Strobus.)

Fl. Bor. Am., v. 2, p. 161. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U.S. v. 9, p. 187.)

The original was not available.

Lindley, J.

1840

Pinus Strobus.

Penny Cycl., v. 17, p. 173. (Forest Trees No. Am., 10th. Census U.S., v. 9, p. 187.)

A description of the plant and its parts; its habitat and uses of the wood.

Link, H. F. 1840

(Pinus Strobilus.)

Linnoea, 15, p. 514. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U.S., v. 9, p. 187.)

The original was not available.

Antoine, F. 1840

(Pinus Strobilus.)

Conif., v. 9, t. 4, f. 3. (Jour. R. Hort. Soc., 14, 393.)

The original was not available.

Antoine, F. 1840

(Pinus Strobilus.)

Conif., v. 43, t. 20, f. 3. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U.S., v. 9, p. 187.)

The original was not available.

Van der Donck, A. 1841

Pinus Strobilus.

Coll. N. Y. Historical Soc., s. 2, v. 1, p. 151, (Sargent, Silva of No. Am., v. 11, p. 20.)

Tells of the abundance of white pine on the Atlantic Coast and that it does not do well near salt water.

Nuttall, T. 1842

(Pinus Strobus.)

Sylva of No. America, v. 3, p. 118. (Sargent, Silva No. Am., v. 11, p. 17; For. Trees No. Am., 10th. Census U.S., v. 9, p. 187.)

The original was not available.

Spach, E.

1842

(Pinus Strobus.)

Hist. Veg. Plan., v. 11, p. 376.(Jour. R. Hort. Soc., 14, 393.)

The original was not available.

Spach, E.

1842

(Pinus Strobus.)

Hist. Veg. Plan. , v. 11, p. 394. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th. Census U.S., v. 9, p.187.)

The original was not available.

Schnizlein, A.

1843

(Pinus Strobus.)

Icon. fam. Nat., t.p. 77, f. 10. (Forest Trees No. Am., 10th. Census U.S., v. 9,p. 187.)

The original was not available.

Torrey, J.

1843

(Pinus Strobus.)

Flora N. Y., v. 2, p. 228. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th Census U.S., v. 9, p. 187.)

The above reference contained no material on Pinus Strobus.

De Chambray, G.

1845

(Pinus Strobilus.)

Traite Pratique Arbres des Resineux, p. 142, p. 1, f. 78
& p. 5, f. 2. (Jour. R. Hort. Soc., 14, 393.)

The original was not available.

De Chambray, G.

1845

(Pinus Strobilus.)

Traite Pratique Arbres des Resineux, p. 262, t. 4, 5,
f. 8. (Sargent, Silva No. Am., v. 11, p. 17; Forest
Trees No. Am., 10th. Census U.S., v. 9, p. 187)

The original was not available.

Schouw, J. F.

1845

Les Coniferes D'Italie.

Annales des Sci. Nat., s. 3, v. 3, p. 231. (Jour. R.
Hort. Soc., v. 14, 393.)

Find no data on Pinus Strobilus.

Wood, A.

1846

Pinus Strobilus.

Class Book of Botany, p. 515. (Forest Trees No. Am.,
10th. Census U.S., v. 9, p. 187)

A detailed description of the plant, its wood,
and sizes of trees.

Endlicher, S. F.

1847

(Pinus Strobilus.)

Synopsis Coniferarum, p. 146. (Sargent, Silva No. Am.,
v. 11, p. 17; Forest Trees No. Am., 10th. Census U.S.,

v. 9, p. 187.)

The original was not available.

Endlicher, S. L.

1847

(Pinus Strobus.)

Synopsis Coniferarum, p. 171. (Jour. R. Hort. Soc., 14, 393.)

The original was not available.

Gihoul, L. T. B. J.

1847

(Pinus Strobus.)

Culture foretiere des Arbres Resineux Coniferes, p. 35, t. 5. (Sargent, Silva No. Am., v. 11, p. 17; Forest Trees No. Am., 10th Census U.S., v. 9, p. 187.)

The original was not available.

Beck, L. C.

1848

Pinus Strobus.

U. S. Botany, 2. ed., p. 340. (Forest Trees No. Am., 10th. Census U.S., v. 9, p. 187.)

A short description of the various parts of the plant, also gives the habitat and synonyms.

Dwight, T.

1848

(Pinus Strobus.)

Travels, p. 136. (Sargent, Silva No. Am., v. 11, p. 17.)

"White pine 6 feet in diameter and frequently 250 feet in height " and reports a tree in Lincoln N. H., of which he had heard two hundred and sixty feet high. "

Emerson, G. B.

1850

Pinus Strobus.

Trees of Mass., 2 ed., v. 1, p. 73, t. (Sargent, Silva N. Am., v. 11, p. 17; Forest Trees N. Am., 10th. Census U.S., v. 9, p. 187.)

A detailed account of the tree, a description of the tree, its uses, habitat and other data.

Knight, J.

1850

(Pinus Strobus.)

Synopsis of the Coniferous Plants Grown in Great Britain, p. 26. (Jour. R. Hort. Soc., 14, 393.)

The original was not available.

Knight, J.

1850

(Pinus Strobus.)

Synopsis of the Coniferous Plants Grown in Great Britain, p. 34. (Sargent, Silva N. Am., v. 11, p. 17; Forest Trees N. Am., 10th. Census U.S., v. 9, p. 187.)

The original was not available.

Hartig, T.

1851

Pinus Strobus.

Forst. Culturpfl. Deutschl., p. 81, t. 8. (Sargent, Silva N. Am., v. 11, p. 21.)

Tells of the growth of White Pine in Europe.

Buckley, S. B.

1852

Notice of Some Large Trees in Western New York.

Am. Jour. Sci., s. 2, v. 13, p. 398. (Forest Trees
N. Am., 10th. Census U.S., v. 9, p. 187.)

Tells of the large size trunks of *Pinus Strobus*
found in Alleghany County New York.

Darlington, W.

1853

Pinus Strobus.

Flora Cestrica, 3 ed., p. 290; *ibid.*, 1 ed., p. 549,
1837. (Sargent, *Silva N. Am.*, v. 11, p. 17; Forest
Trees N. Am., 10th. Census U.S., v. 9, p. 187.)

A short description of the plant and its parts.

Carriere, E. A.

1855

(*Pinus Strobus*.)

Traite Generale des Coniferae, p. 372. (*Jour. R. Hort.
Soc.*, 14, 393.)

The original was not available.

Darby, J.

1855

Pinus Strobus.

Bot. Southern States, p. 515. (Forest Trees N. Am.,
10th. Census U.S., v. 9, p. 187.)

Describes the leaves and cones, gives the height
of the tree and its distribution.

Pliny, G. Jr.

1855

(*Pinus Strobus*.)

Hist. Nat., v. 16, p. 19. (*Jour. R. Hort. Soc.*, 14,
393.)

Find no data on *Pinus Strobus*.

Pliny, C. Jr.

1855

(Pinus Strobilus.)

Nat. Hist., v. 41, p. 17. (Sargent, Silva N. Am., v. 11, p. 21.)

Find no data on Pinus Strobilus.

Fiscali, F.

1856

Pinus Strobilus.

Deutschlandr. Forstcult. Pflanzen., p. 59, t. 2, f. 7-13.
(Sargent, Silva N. Am., v. 11, p. 21; Forest Trees N. Am.,
10th. Census U.S., v. 9, p. 187.)

Discusses the growth and distribution in Europe.

Michaux, F. A.

1857

Pinus Strobilus.

N. Am. Sylva, 3 ed., v. 3, p. 126, t. 145. (Forest
Trees N. Am., 10th. U.S. Census, v. 9, p. 198.)

A lengthy article fully describing the plant,
giving habitation, hardiness to cold temperature,
physical properties of wood, and variety of uses.
Plate opposite p. 126 shows leaves and cones.

Cooper, J. G.

1858

On the Distribution of Forests and Trees of
North America.

Smithsonian Rep. for 1858, p. 257. (Forest Trees N. Am.,
10th. Census U.S., v. 9, p. 187.)

A chart showing regions with latitude, of growth
of Pinus Strobilus, also giving the height of the trees.

Courtin, A.

1858

(Pinus Strobilus.)

Die Familie der Coniferin, p. 71. (Sargent, Silva N.
Am., v. 11, p. 17.)

The original was not available.

Gordon, G.

1858

(Pinus Strobus.)

Pinetum, 1 ed., p. 239; Ibid., 2 ed., p. ___; New ed., p. ___.
(Sargent, Silva N. Am., v. 11, p. 17; Forest Trees N. Am., 10th. U.S. Census., v. 9, p. 187.)

The original was not available.

Chapman, A. W.

1860

Pinus Strobus.

Flora of Southern States, p. 434. (Sargent, Silva N. Am., v. 11, p. 17; Forest Trees N. Am., 10th Census U. S., v. 9, p. 187.)

A brief description of the leaves and cones and habitat of Pinus Strobus.

Provancher, L.A.

1862

Pinus Alba Canadensis.

Flore Canadienne, v. 2, p. 554. (Sargent, Silva N. Am., v. 11, p. 17.)

A brief description of the plant, its physical characteristics and habitat.

Parlatore, A.

1864

Pinus Strobus.

De Candolle Prodrumus, v. 16, pt.2, p. 405. (Sargent, Silva N. Am., v. 11, p. 17; Forest Trees N. Am., 10th. Census U.S., v. 9, p.187.)

A detailed description of the plant, its habitat and physical properties.

Brunet, O.

1865

(Pinus Strobus.)

Catalog Vegetale Ligne Canada, p. 57. (Sargent, Silva N. Am., v. 11, p. 19.)

The above reference contained no data on Pinus Strobus.

Henkel, J. B. & Hochsteter, W.

1865

(Pinus Strobus.)

Synopsis der Nadelholzer, p. 92. (Sargent, Silva N. Am., v. 11, p. 17; Forest Trees N. Am., 10th Census U.S., v. 9, p. 187.)

The original was not available.

Kubel, W.

1866

Coniferin, ein Glykosid aus dem Cambialsafte.

Jour. f. prakt. Chem., 97, p. 243. (Archiv. d. Pharm., 183, p. 263; Am. Jour. Pharm., 42, p. 220.)

Describes the method of isolating coniferin and gives its physical properties.

Nelson, J.

1866

(Pinus Strobus.)

Pinaceae, being a handbook of the firs and pines, p. 130. (Sargent, Silva N. Am., v. 11, p. 17; Forest Trees N. Am., 10th. U.S. Census, v. 9, p. 187.)

The original was not available.

Carrieri, E. A.

1867

(Pinus Strobus nivea.)

Traite Coniferae, 2 ed., p. 400. (Sargent, Silva N. Am., v. 11, p. 21; Forest Trees N. Am., 10th. Census U.S., v. 9, p. 187.)

The original was not available.

Curtis, M. A.

1867

Pinus Strobus.

Rep. Geolog. Survey of N. Car., pt. 3, p. 51. (Sargent, *Silva N. Am.*, v. 11, p. 17; *Forest Trees N. Am.*, 10th. U.S. Census, v. 9, p. 187.)

Lists the plant as being found in the mountains of North Carolina.

Gray, A.

1867

Pinus Strobus.

Manual Northern States, 5 ed., p. 470. (*Forest Trees N. Am.*, 10th. Census U.S., v. 9, p. 187.)

Describes the leaves and cones; gives the habitat and uses.

Schlectendal, D. F. Von.

1867

(*Pinus Strobus.*)

Linnoea, 35., p. 395. (Sargent, *Silva N. Am.*, v. 11, p. 17.)

The original was not available.

Hoopes, J.

1868

(*Pinus Strobus.*)

The book of Evergreens, p. 136, f. 19. (Sargent, *Silva N. Am.*, v. 11, p. 17; *Forest Trees N. Am.*, 10th. Census, U.S., v. 9, p. 187.)

The original was not available.

Senecclauze, A.

1868

(Pinus Strobilus.)

Les Coniferes, p. 115. (Sargent, Silva N. Am., v. 11, p. 17.)

The original was not available.

Porcher, F. P.

1869

Pinus Strobilus.

Resources of Southern Fields and Forests, New ed., p. 584. (Forest Trees N. Am., 10th. U.S. Census, v. 9, p. 187.)

Tells of the use of the wood of White Pine.

Koch, H. E.

1869

(Pinus Strobilus.)

Dendrologie, v. 2, pt. 2, p. 319. (Sargent, Silva N. Am., v. 11, p. 17; Forest Trees N. Am., 10th Census U.S., v. 9, p. 187.)

The original was not available.

Wood, G. B. & Bache, F.

1870

(Pinus Strobilus.)

Dispens., U.S.A., 13 ed., p. 864; Ibid., 14 ed., p. 901; Ibid., 15 ed., p. 1427; Ibid., 17 ed., p. 1355.)

Mentions Pinus Strobilus as a source of Coniferin and tells how it is obtained.

Tiemann, F. & Haarmann, W.

1874

Ueber das Coniferin und seine Unwandlung in das aromatische Princip der vanille.

Berichte d. Chem. Gesell., 7, p. 608. (Sargent,

Silva N. Am., v. 11, p. 20.)

An article on the glucoside Coniferin and its relation to vanillin.

Nordlinger, H.

1874

Pinus Strobus.

Deutsche Forstbotanik, p. 401, f. - (Sargent, Silva N. Am., v. 11, p. 21.)

Tells of the growth of White Pine in Europe.

Willkomm, M.

1875

Pinus Strobus.

Forstliche Flora ein Deutschland und Oesterreich, p. 153. (Sargent, Silva N. Am., v. 11, p. 21.)

Tells of the growth of White Pine in Europe.

Vasey, G.

1876

Pinus Strobus.

Cat. For. Trees, U.S.D.A. Dept. Rep. No. 11, p. 32. (Forest Trees N. Am., 10th. Census U.S., v. 9, p. 187.)

A short article giving the habitat, size and uses of Pinus Strobus.

Mathieu, A.

1877

Pinus Strobus.

Flore Forestiere, 3 ed., p. 546. (Sargent, Silva N. Am., v. 11, p. 21.)

Tells of the growth of White Pine in Europe.

Crosby, S. S.

1878

Early Coins.

Early Coins of America, p. 55. (Sargent, Silva N. Am., v. 11, p. 20.)

Tells of early coins being called Pine Tree Money in 1680.

Lindley, J. and Gordon, G.

1879

(Pinus Strobus.)

Jour. Hort. Soc. Lond., 5, p. 215. (Sargent, Silva N. Am., v. 11, p. 17; Forest Trees N. Am., 10th Census U.S., v. 9, p. 187; Jour. R. Hort. Soc., 14, p. 393.)

The above reference contained no data on Pinus Strobus.

Lauche, W.

(1 ed. 1880)

(Pinus Strobus.)

Deutsche Dendrologie, 2 ed., p. 116. (Sargent, Silva N. Am., v. 11, p. 17.)

The original was not available.

Bell, R.

1881

Pinus Strobus.

Rep. Geol. Surv. Canada, 1879-1880, 49 c. (Sargent, Silva N. Am., v. 11, p. 19; Forest Trees N. Am., 10th Census, U.S., v. 9, p. 187.)

Tells of the location of various stands of white pine in the Hudson Bay Region of Canada.

Sargent, C.S.

1882

Pinus Strobus.

Rep. Sec. Board Agri. Mass., 30, p. 276. (Sargent, Silva N. Am., v. 11, p. 21.)

Tells of the second growth timber in New England and the effects of forest fires upon its growth.

Sears, J. H.

1882

Notes on Forest Trees.

Bull. Essex Inst., 13, p. 187. (Forest Trees N. Am., 10th. Census U.S., v. 9, p. 187.)

Tells of the size of Pinus Strobus in Essex, Clinton and Franklin Counties of New York.

Lorentz, B.

1883

Pinus Strobus.

Cours elementaire de Culture des Bois, 6 ed., p. 156. (Sargent, Silva N. Am., v. 11, p. 21.)

Tells of the growth of White Pine in Europe.

Macoun, J.

1883

Pinus Strobus.

Cataloge of Canadian Plants, p. 464. (Sargent, Silva N. Am., v. 11, p. 19.)

An article giving the Canadian habitats of Pinus Strobus.

Sargent, C. S.

1884

Pinus Strobus.

Forest Trees N. Am., 10th. Census U.S., v. 9, p. 187.
(Sargent, Silva N. Am., v. 11, p. 17.)

A long list of references and a short description
of the plant, its habitat and uses.

Mayr, H. 1885

Durability of Resinous Woods.

Pop. Science Monthly, 28, p. 682. (Sargent, Silva N.
Am., v. 11, p. 19.)

Tells of the physical characteristics and the
high resin content of the wood of white pine.

Coulter, J. M. & Rose, J. N. 1886

Synopsis of North American Pines, Based upon
Leaf Anatomy.

Bot. Gaz., 11, p. 261, t. 8, f. 1. (Sargent, Silva
N. Am., v. 11, p. 18.)

A description of the leaf of Pinus Alba with
a series of microscopic plates.

Goldring, W. 1886

(Pinus Strobus.)

The Garden, 31, p. 404. (Sargent, Silva N. Am., v. 11,
p. 21.)

Pinus Strobus is popular in different parts of
Europe and mentions the regions where it is best suited.

Mayr, H. 1888

The White Pine in Europe.

Garden and Forest, 1, p. 10. (Sargent, Silva N. Am.,

v. 11, p. 21.)

Tells of the growth of white pine in Europe, also its hardiness and gives figures on the rapidity of growth.

Webster, __.

(1888)

Pinus Strobus.

The Garden, 33, p. 522. (Sargent, Silva N. Am., vi 11, p. 21.)

(Tells of the popularity of Pinus Strobus in different European sections and also where it grows best.)

(Editor.)

1889

(Pinus Strobus.)

West. Drugg., 11, p. 132.

In reply to an inquiry, white pine bark is briefly described and advises as to the method of preparation of the fluid extract.

Hempel, G. & Wilhelm, C.

1889

(Pinus Strobus.)

Die Baume und Straucher des Waldes, v. 1, p. 82, f. 107-109, t. 9. (Sargent, Silva N. Am., v. 11, p. 17.)

The original was not available.

Watson, S. & Coulter, J. M.

1889

Pinus Strobus.

Gray Man., 6 ed., p. 490. (Sargent, Silva N. Am., v. 11, p. 17.)

A description of the tree and its parts, tells

of the habitat and of the uses of the wood.

Wood, A.

1889

Pinus Strobus.

Botany and Flora, rev. ed., p. 312. (Forest Trees N. Am., 10th. Census U.S., v. 9, p. 187.)

Describes the Genus Pinus; also a description of Pinus Strobus with its characteristics and habitat.

Bolle, C.

1890

Wann erscheint die Weymouthskiefer zuerst in Europa?

Garten flora, p. 434. (Sargent, Silva N. Am., v. 11, p. 20; Garden and Forest, 3, p. 536.)

States that a variety believed to be Pinus Strobus was transported to France and cultivated there before the sixteenth century.

Mayr, H.

1890

(Pinus Strobus.)

Die Waldungen ein Nordam., p. 199, t. 8, f. __. (Sargent, Silva N. Am., v. 11, p. 17.)

The original was not available.

Wesmael, A.

1890

Naturalization of Conifers in Belgium.

Garden & Forest, 3, p. 494. (Sargent, Silva N. Am., v. 11, p. 21.)

Tells of the growth of White Pine in Europe.

Beissner, L. 1891

(Pinus Strobus.)

Handbuch der Nadelholzkunde, p. 225. (Jour. R. Hort. Soc., 14, p. 393.)

The original was not available.

Beissner, L. 1891

(Pinus Strobus,)

Handbuch der Nadelholzkunde, p. 288, f. 71, 72. (Sargent, Silva N. Am., v. 11, p. 17.)

The original was not available.

Beissner, L. 1891

(Pinus Strobus.)

Handbuch der Nadelholzkunde, p. 291. (Sargent, Silva N. Am., v. 11, p. 21.)

The original was not available.

Hill, E. J. 1891

Winter Studies of the Pine Barren Flora of Lake Michigan.

Garden & Forest, 4, p. 304. (Sargent, Silva N. Am., v. 11, p. 19.)

A short account on the growth of White Pine about Lake Michigan.

Trayser, W.A. 1891

Chemical Characters of the Oil of Pinus Strobus.

Proc. Wis. Pharm. Assoc., 12, p. 41. (Pharm. Rev., 17, p. 506; Proc. Am. Pharm. Assoc., 48, p. 666.)

Gives data on the volatile oil of Pinus Strobus.

Fernow, B. E.

1892

The White Pine for Timber.

Garden and Forest, 5, p. 609. (Sargent, Silva N. Am., v. 11, p. 21.)

Discusses the large scale cultivation of White Pine in New England as to methods of planting, best soil, and the marketing of the products.

Hansen, C. E.

1892

American Conifers in Scandinavia.

Garden & Forest, 5, p. 230. (Sargent, Silva N. Am., v. 11, p. 21.)

Deals with the growth of Pinus Strobus and other American Conifers in Scandinavia.

Hansen, C. E.

1892

Pinetum Danicum.

Jour. R. Hort. Soc., 14, p. 393. (Sargent, Silva N. Am., v. 11, p. 17.)

Gives data on the habitat of the plant, history in England and Europe, description of parts and physical properties, with a list of references.

Hartig, R.

1892

(Pinus Strobus.)

Forstlich-naturwissenschaftliche, 1, p. 442. (Sargent, Silva N. Am., v. 11, p. 21.)

Telling of the growth of Pinus Strobus in Europe.

Lyman, J. D.

1892

Practical Forestry.

Garden & Forest, 5, p. 266. (Sargent, Silva N. Am.,
v. 11, p. 21.)

Discusses the large scale cultivation of *Pinus
Strobus* in New England.

Masters, M. T. 1892

List of Conifers and Taxads.

Jour. R. Hort. Soc., 14, p. 240. (Sargent, Silva N.
Am., v. 11, p. 17.)

Contains a list of the varieties of *Pinus Strobus*.

Douglas, R. 1893

White Pine for Timber.

Garden & Forest, 6, p. 106. (Sargent, Silva N. Am.,
v. 11, p. 21.)

Tells of the propagation on a large scale in
New England, also the care of the seeds and seedlings.

Koehne, B. A. E. 1893

(*Pinus Strobus*.)

Deutsche Dendrologie, p. 30. (Sargent, Silva N. Am.,
v. 11, p. 17.)

The original was not available.

Rothreck, J. T. 1894

Pinus Strobus.

Forest Leaves, p. 152, cut opp. p. 152.

Discusses the planting, transplanting, habitat
and physical properties of white pine.

Bastin, E. S. & Trimble, H.

1896

A Contribution to the Knowledge of Some North American Coniferae.

Am. Jour. Pharm., 68, p. 28. (Sargent, Silva N. Am., v. 11, p. 20; Proc. Am. Pharm. Assoc., 44, p. 646.)

Describes the general characteristics, the microscopical structure, chemical composition and contains a plate showing the plant.

Britton, N. L. & Brown, A.

1896

Pinus Strobus.

Flora of Northern U.S. and Canada, 1 ed., v. 1, p. 50, f. 110, (Sargent, Silva N. Am., v. 11, p. 17.)

A detailed description of the plant with the habitat and a plate showing the leaves and cones.

Fernow, B. E.

1896

Product of White Pine per Acre.

Garden & Forest, 9, p. 202. (Sargent, Silva N. Am., v. 11, p. 21.)

A lengthy article on the commercial value of White Pine.

Sargent, C. S.

1896

Editorial Note.

Garden & Forest, 9, p. 142. (Sargent, Silva N. Am., v. 11, p. 21.)

Discusses the experimental planting and cultivation of White Pine.

Sherwin, R. S.

1896

Compound Syrup of White Pine.

Am. Jour. Pharm., 68, p. 233. (Sargent, Silva N. Am., v. 11, p. 20.)

A discussion of the merits of several formulae for syrup of White Pine.

Sargent, C. S.

1897

Pinus Strobus.

Silva of North America, v. 11, p. 17.

Gives a long list of references; a detailed description of the tree as to size, leaves, buds, flowers, all plant parts, wood; tells of uses and products obtained from it and its habitat. Several plates accompany the article showing in detail the parts of the plant.

Suderworth, G. B.

1897

Nomenclature of the Arborescent Flora of United States.

U.S.D.A., Div. Forestry, Bull. No. 14, p. 13. (Sargent, Silva N. Am., v. 11, p. 21.)

A classification of the Coniferae, with Pinus Strobus, giving its common names, its varieties and other data.

Chittenden, F. H.

1899

Insect Enemies of Pinus Strobus.

U.S.D.A., Div. Forestry, Bull. No. 22, p. 55.

A six page article telling of the common insects preying upon Pinus Strobus and the various means of combating them.

Kremers, E.

1899

Some Coniferous Volatile Oils.

Pharm. Rev., 17, p. 506.

Gives the common synonyms of *Pinus Strobus*, habitat and physical characteristics of the volatile oil obtained from the leaves.

Roth, F.

1899

The Wood of *Pinus Strobus*.

U.S.D.A., Div. Forests, Bull. No. 22, p. 73.

A detailed account of the character and the physical properties of the wood, compared with the other woods and tells of their uses.

Kempton, H. B.

1903

The Planting of White Pine in New England.

U.S.D.A. Bur. Forestry, Bull. N. 45, p. 40.

A lengthy article discussing the planting and cultivation of White Pine, the article is illustrated with numerous plates.

Brandel, I. W.

1904

The Volatile Oils.

Pharm. Rev., 23, p. 328.

Reports on the volatile oil of the needles of *Pinus Strobus*.

Spring, S. N.

1905

The Natural replacement of White Pine on Old Fields in New England.

U.S.D.A. Bur. Forestry, Bull. No. 63, p. 32.

Detailed data on planting, replacement, protection, development, and the marketing of White Pine with four plates and one map.

Troeger, J. & Beutin, A. 1905

Essential Oil of Pinus Strobus.

Schimmel's Rep., May., p. 66. (Yrbk. Br. Pharm. Conf., 1905, p. 132; Archiv. d. Pharm., 242, p. 521.)

Data concerning the physical properties of the essential oil of Pinus Strobus.

Wood, G. B. & Bache, F. 1907

Pinus Strobus.

Dispens. U.S.A., 19 ed., p. 1243.

Pinus Strobus is a valuable source of timber, gives habitat, also is a source of coniferin and gives methods for obtaining that product.

Army, H. V. 1912

Resin Content of White Pine Bark.

Jour. Am. Pharm. Assoc., 1, p. 551.

Reports the resin content of the rossed and unrossed bark of Pinus Strobus.

Berlinger, G. M. 1912

Report of the Committee on Unofficial Standards.

Jour. Am. Pharm. Assoc., 1, p. 258.

Gives the proposed standards for Pinus Alba Cortex.

Mansfield, W.

1912

White Pine Bark of Commerce.

Jour. Am. Pharm. Assoc., 1, p. 547. (Pharm. Era, 45, p. 337; Drugg. Circ., 56, p. 514.)

A report on the White Pine Bark of Commerce.

Frothingham, E. H.

1914

White Pine Under forest Management.

U.S.D.A., Dept. Bull., No. 13, p. 70.

An account of the White Pine giving the early history, development of logging operations, development of second growth timber, protection, marketing; illustrated with plates and contains lengthy tables of statistics.

Spaulding, P.

1914

New Facts concerning the White Pine Blister Rust.

U.S.D.A. Dept. Bull. No. 116, p. 8.

Discusses the history and development of White Pine Blister Rust with a bibliography.

Brown, H. P.

1915

Growth Studies in Forest Trees.

Bot. Gaz., 59, p. 197. (Dig. & Com., U.S.P. & N.F., 1915, p. 372.)

Tells of the differences between the mature barks of White Pine and that of Pitch Pine.

Burns, G. P.

1915

The Relative Transpiration of White Pine Seedlings.

Plant World, 18, p. 1. (Dig. Com. U.S.P. & N. F., 1915,

p. 373.)

Indicates that the difference in the physical and chemical properties of the three groups of White Pine Seedlings must be sought along the line of photosynthesis and assimilation rather than along the lines of absorption and transpiration.

Craig, H.

1916

The Collection of Barks for Use in Medicine.

N.A.R.D. Jour. 21, p. 916. (Dig. Com. U.S.P. & N.F., 1916, p. 263.)

A short note giving information relative to the production and collection of White Pine Bark in North America.

Anderson, G. A.

1918

Report of Committee on the Prevention of Adulteration.

Proc. Natl. Drugg. W. Assoc., 1918, p. 235. (Dig. Com. U.S.P. & N.F., p. 300.)

Three lots of White Pine Bark examined contained 20-40% of outer bark.

Wood, G. B. & Bache, F.

1918

Pinus Strobus.

Dispens. U.S.A., 20 ed., p. 1114, & p. 1666.

Tells of the value of Pinus Strobus as a source of Coniferin; gives a description of the bark and the reasons for admitting the Bark to N. F. IV.

Ewe, G. E.

1920

Report of the Committee on Drug Market.

Proc. Penn. Pharm. Assoc., 43, p. 119. (Dig. Com. U.S.P. & N.F., 1920, p. 346.)

Three lots of White Pine bark examined were rejected, two for not being stripped of outer bark, and the third for being wormy.

Ewing C. O.

1920

White Pine Bark Adulterated with Elm Bark.

Jour. Am. Pharm. Assoc., 9, p. 253. (Yr. Bk. Am. Pharm. Assoc., 9, p. 341; Dig. Com. U.S.P. & N.F. 1920, p. 346.)

Discusses the adulteration of Pinus Alba with Elm Bark.

U. S. Tariff Com.

1920

General Information and Statistics of Individual Drugs.

The Crude Botanical Drug Industry, p. 59.

Briefly comments on the use of White Pine Bark as a remedial agent.

Wood, G. B. & Bache, F.

1926

Pinus Strobus.

Dispens. U.S.A., 21 ed., p. 854.

Describes Pinus Alba of the N. F. V; also white pine with its constituents and use.

McCallum, A. W.

1927

White Pine Blister Rust.

Dom. Canada, Dept. Agr., Div. Bot., Circ. 48.

Gives the symptoms and tells of damage by White

Pine Blister Rust; gives methods of control. Several colored plates showing the spores and results of stricken plants, accompany the bulletin.

Martin, J. F.

1928

Protect White Pine From Blister Rust.

U.S. D.A., Bur. Plant Ind., Misc. Pub. No. 22, East. Ed.,

Describes the blister rust, telling of the appearance of diseased pines and the resulting damage; illustrated with four colored plates and six photographs.

Wilson, F. G.

1928

Pinus Strobus.

Forest Trees of Wisconsin, p. 7.

Gives data on its distribution in the State of Wisconsin, description of the plant and commercial uses.

Vaughan, R. E.

1929

Which Will State Have? White Pines or Black Currants.

U. of W. Press Bull., 22, No. 27.

Condemns black currants which harbor the spores of the blister rust which subsequent attack white pine.

Thone, F.

1930

Nature Ramblings, White Pine.

Sci. News Letter, Jan. 18, 1930, p. 47.

A short description of the plant; discusses earlier logging methods; tells of the disease, White Pine Blister Rust.

Dudley, P.

Ca. 1725

A Description of the Evergreens of New England.

Numero 1. (Flora Virginica, ed., 2, p. 152.)

The original was not available.

Lawson, ___ & Son.

Ca. 1897

(Pinus Strobus.)

List No. 10, Abietineae, p. 26. (Sargent, Silva N. Am.,
v. 11, p. 17.)

The original was not available.

Regel, E.

Ca. 1897

(Pinus Strobus.)

Russ. Dendrol., 2 ed., pt. 1, p. 50. (Sargent, Silva
N. Am., v. 11, p. 17.)

The original was not available.

Schriebl, G.

Ca. 1897

(Pinus Strobus.)

Virid. Norveg., v. 1, p. 392. (Sargent, Silva N. Am.,
v. 11, p. 17.)

The original was not available.

Veitch, ___.

Ca. 1897

(Pinus Strobus.)

Manual Conif. p. 156. (Jour. R. Hort. Soc., 14, p. 393.)

The original was not available.

Veitch, —

Ca. 1897

(Pinus Strobus.)

Manual Conif., p. 183. (Sargent, Silva N. Am., v. 11,
p. 17; Forest Trees N. Am., 10th. Census U.S., v. 9,
pp 187.)

The original was not available.

List of Journals Consulted.

- ✓ Am(eric)an Drugg(ist) v. 13-21; 1884-1892.
- ✓ Am(eric)an Drugg(ist) and Pharm(aceutical) Rec(ord),
v. 22-72; 1892-1924.
- ✓ Am(eric)an Drugg(ist), v. 73-81; 1925-1930.
- ✓ Am(eric)an Jour(nal) of Pharm(acy), v. 1-101; 1829-1929.
- ✓ Brit(ish) and Col(onial) Drugg(ist), v. 12-81; 1887-1928.
- ✓ Bull(etin of) Pharm(acy), v. 7-42; 1893-1928.
- ✓ Bull(etin of the) Am(eric)an Pharm(aceutical) Assoc(iation),
v. 1-6; 1906-1911.
- ✓ Chem(ist) and Drugg(ist), v. 1-112; 1859-1930.
Dig(est of) Com(ments on the) U.S.P. and N. F.; 1905-1922.
Drugg(ist), v. 2-6; 1880-1884.
Drugg(ist's) Circ(ular), v. 1-73; 1857-1929.
Jour(nal of) Mat(eria) Med(ica), v. 1-19; 1857-1880.
Jour(nal of the) Am(eric)an Pharm(aceutical) Assoc(iation),
v. 1-18; 1912-1929.
- Midl(and) Drugg(ist), v. 1-10; 1899-1909.
- New Rem(edies), v. 1-12; 1872-1883.
- Pharm(aceutical) Era, v. 1-65; 1887-1928.
- Pharm(aceutical) Jour(nal), v. 1-96; 1841-1930.
- Pharm(aceutical) Rec(ord), v. 1-15; 1881-1892.
- Pharm(aceutical) Rev(iew), Balt. , v. 1-2; 1892-1893.
- Pharm(aceutical) Rev(iew), N.Y., v. 14-26; 1896-1908.
- Pharm(aceutische) Rund(schau), v. 1-13; 1884-1895.

Pharm(acist), v. 1-2; 1868-1869.

Pharm(acist's) and Chem(ist's) Rec(ord), v. 3-18; 1870-1885.

Proc(eedings of the) Am(ericana) Pharm(aceutical)

Assoc(iation), v. 1-59; 1851-1911.

West(ern) Drugg(ist), v. 7-50; 1885-1928.

Yrbk. (of the) Am(ericana) Pharm(aceutical) Assoc(iation),

v. 1-12; 1912-1923.

Yrbk. of Pharm(acy and) Trans(actions of the) Brit(ish)

Pharm(aceutical) Conf(erence), 1867-1929.

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- Aiton, W. - Hortensis Kewensis, 1 ed., v. 3, 1789.
- Audubon, J.J. - Birds of America, 1840.
- Beck, L. C. - U. S. Botany, 2 ed., 1848.
- Belknap, J. L. - Hist. of New Hamp., v. 3, 1792.
- Bell, R. - Rep. Geol. Surv. Canada, 1881.
- Bigelow, J. - Flora Bost., 1 ed., 1814, 2 ed., 1824,
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United States Pharmacopoeia (O-X)

(1820-1920)

and

National Formulary (I-V)

(1888-1926)

History

of

Pinus Strobus Linne

Pinus Alba

White Pine Bark

Pinus Alb.

The dried inner bark of Pinus Strobus Linne (Fam. Pinaceae)./

In flat pieces of variable size and from 1 to 3 mm. in thickness; outer surface varying/ from a pinkish-white when fresh, to a light or rather deep yellowish-brown on/ keeping, occasionally with small patches of the gray-brown periderm adhering; more/ or less cottony, and often showing small scattered pits; inner surface either lighter/ or darker than the outer, finely striate; fracture tough, fibrous; transverse section/ showing an outer yellowish and an inner whitish band. Odor slight, terebinthinate; taste slightly mucilagenous, bitter, sweet and astringent./

The powdered drug, when examined under the microscope, exhibits numerous/ rounded or oval, simple starch grains, up to 0.03 mm. in diameter, some having a/ cleft or fissure through the center; few monoclinic prisms of calcium oxalate about/ 0.02 mm. in diameter; resin in reddish-brown, angular masses; thin walled paren-/ chyma cells, isodiametric to elongated, many containin g starch grains; tracheids/very

few or absent./

White Pine Bark yields not more than 3 percent of ash./

Average Dose:Metric 2 gm. - Apothecaries, 30 grains./

Pinus Alba

White Pine Bark

Pinus Alb.

White Pine Bark is the dried inner bark of Pinus Strobilus Linne (Fam./ Pinaceae)./

White Pine Bark contains not more than 2 per cent of outer bark/ and not more than 2 per cent of foreign organic matter./

Description and Physical properties./

Unground White Pine Bark: In flat pieces of variable size and from 1 to 3 mm. in/ thickness; outer surface varying from a pale pinkish white when fresh, to a light/ or rather deep yellowish brown on keeping, occasionally with small patches of/ the gray brown periderm adhering; more or less cottony, and often showing/ small scattered pits; inner surface either lighter or darker than the outer, finely/ striate; fracture short, irregular, transverse section showing an outer yellowish/ and an inner whitish band. Odor slight, terebinthinate; taste slightly mucilagenous, bitter, sweet and astringent./

Powdered White Pine Bark: Numerous rounded or oval, simple starch grains, up/ to 0.030 mm. in diameter, a very few slightly larger, some having a cleft or fissure/

through the center; few monoclinic prisms of calcium oxalate up to 0.025 mm. in/ length; resin in reddish brown angular masses; thin walled parenchyma cells, / isodiametric or elongated, many containing starch grains; tracheids very few or/ absent./

Preparations: Syrupus Pini Albae Compositus, Syrupus Pini Albae Compositus/cum Morphina./

AVERAGE DOSE: Metric, 2 gm. - Apothecaries, 30 grains./

Summary of U.S.P. & N. F. Data of
Pinus Strobilus.

Official in N. F. 1916, 1926.

Official Latin Title:

Pinus Alba in N. F. 1916, 1926.

Official English Title:

White Pine Bark, in N. F. 1916, 1926.

Official Synonym:

None, in N.F. 1916, 1926.

Official Family:

Pinaceae, N. F. 1916, 1926.

Part Used:

The dried inner bark, in N. F. 1916, 1926.

Description:

See N. F. 1916, p. 330; N. F. 1926, p. 375.

Official Preparations:

Syrupus Pini Albae Compositus, Syrupus Pini Albae
Compositus cum Morphinae, N. F. 1926, p. 375.

Dose:

Metric, 2 gm. Apothecaries, 30 grains, N. F. 1916, 1926.

Approved By W. Richtmann
Assoc. Prof. of Pharmacology.