

BIBLIOGRAPHY OF CASTANEA  
NATIONAL FORMULARY V

By

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A Thesis Submitted for the Degree of  
GRADUATE IN PHARMACY

University of Wisconsin

1930

Bauhini, C.

1671.

*Castanea Sylvestris.*

Pinax, 2 ed., p. 418. (Willdenow, Linne Spec. Plantar. ed. 4, pt. 1, p. 461.)

Gives a description of the plant.

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Camerarius, R.J.

1694.

*Castanea.*

Epistola, p. 118. (Willdenow, Linne Spec. Plantar. ed. 4, pt. 1, p. 461, 1805.)

The original was not available.

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Linne, C.

1737.

(*Fagus Castanea*)

Hartus Cliffartanus, p. 447. (Willdenow, Linne Spec. Plant., 4 ed., v. 4, pt. 1, p. 460.)

The original was not available.

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Royen, A.

1740.

*Fagus Castanea.*

Florae Leydensis Prodrum etc., p. 79. (Willdenow, Linne Spec. Plantar., 4 ed., v. 4, pt. 1, p. 460.)

The original was not available.

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Linne, C.

1749.

*Fagus Castanea.*

Mat. Med., 1 ed., p. 203; *ibid.*, 2 ed., p. 203. (Linne, Spec. Plantar., 4 ed., v. 4, pt. 1, p. 460.)

Gives a short description of the plant, its habitat, part used, uses and properties.

Linne, C.

1748.

*Fagus Castanea.*

Hortus espcalensis, p. 287, 4 ed., v. 4, (Willdenow, Linne Spec. Plantar., 4 ed., v. 4, pt. 1, p. 460.)

The original was not available.

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Dalibard, P.F.

1749.

*Fagus Castanea.*

Florae Parisiensis Prodrumus, p. 294. (Willdenow, Linne Spec. Plantar., 4 ed., v. 4, pt. 1, p. 460.)

The original was not available.

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Kniphof, J.H.

1759-64.

*Fagus Castanea.*

Botanica in original cent., 5, n. 31. (Willdenow, Linne Spec. Plantar., 4 ed., v. 4, pt. 1, p. 461.)

The original was not available.

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Scopoli, J.A.

1760.

*Castanea Sativa.*

Flora Carniolica, etc., (Willdenow, Linne's Spec. Plantar., 4 ed., v. 4, pt. 1, p. 461.)

The original was not available.

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Gronovius, J.F.

1762.

*Fagus Castanea.*

Flora virg., 2 ed., v. 2, p. 150. (Linne Spec. Plantar. ed. 4, v. 4, pt. 1, p. 461, 1805.)

Gives a very short description.

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Perpus, H.W. 1763.

De Cortice Hippocastani.

Dissert. Duisburg. (S.G.L. Index, s. 2, v. 3, p. 201).

The original was not available.

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Miller, P. 1769.

Castanea Sativa.

Allgemeines Gartnerlexicon 2 ed., v. 1, p. \_\_. (Willdenow, Linne's Spec. Plantar. 4 ed., v. 4, pt. 1, p. 461.)

The original was not available.

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DuRoi, J.P. 1771.

Fagus Castanea.

De Harbkesche, etc. v. 1, p. 270. (Willdenow, Linne's Spec. Plantar., 4 ed., v. 4, pt. 1, p. 461.)

The original was not available.

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Haugenheim, F.A.J. 1781.

(Fagus Castanea)

Beschrieb. einiger Nordam. Holzarten etc. p. 90. (Sargent, Sil. N. Am. v. 9, p. 13.)

The original was not available.

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Marshall, H. 1785.

Fagus Castanea Dentata.

Arbust. Am. p. 46. (Sargent, Silva of No. Am., v. 9, p. 13).

Gives a brief description of the plant, especially of the leaves and capsules. Also discusses its use and habitat.

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Schoepf, J.D.

1787.

*Fagus Castanea.*

Mat. Med. Amer., p. 139. (Sargent, *Silva of No. Am.*, v. 9, p. 13; Lloyd Libr. Reprint, Bull. No. 6, p. 139.)

Describes the leaves and fruit and states that it has been used for flatulency and fever.

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Gaertner, J.

1788.

*Castanea Vesca.*

De fructibus et seminibus plantarum, v. 1, p. 181, t. 37, s. 1. (Willdenow, *Linne's Spec. Plant.*, 4 ed., v. 4, pt. 1, p. 460.)

The original was not available.

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Walter, T.

1788.

*Fagus Castanea.*

Flora Caroliniane, p. 233. (Sargent, *Silva of No. Am.* v. 9, p. 13.)

Gives a description of the leaves.

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Castighoni, L.

1790.

*Fagus Castanea.*

Viaggio Negli Stati Uniti v. 2, p. 239. (*Silva of No. Am.* by Sargent, v. 9, p. 13.)

Gives a very short description of the tree.

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Brockhausen, M.B.

1800.

*Castanea Dentata.*

Theor. protot. Handb. der Forstbotanik etc. v. 1, p. 741.

(Sargent, Silva N. Am., v. 9, p. 13.)

The original was not available.

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Michaux, A. 1803.

*Castanea vesca*: American.

Flora Borcali Am., v. 2, p. 193. (Sargent, Silva of No. Am., v. 9, p. 13; Elliott, Sketch Botany of S.C. & Ga., v. 2, p. 614.)

Gives descriptions and habitat of *Castanea vesca* and *Castanea pumila*.

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Willdenow, C.L. 1805.

*Castanea*.

Linne's Species Plant., 4 ed., v. 4, pt. 1, p. 460.  
(U.S.P., 1820, S.P. 52; *ibid.*, 1830 (Phila.) S.P. 30;  
Sargent, Silva of N. Am., v. 9, p. 13.)

Descriptions of *Castanea vesca* and *Castanea pumila*.

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Persoon, C.H. 1807.

*Castanea vesca*: American.

Synopsis plantarum, etc., v. 2, p. 572. (Sargent, Silva of No. Am., v. 9, p. 13.)

Gives a description and habitat of the above plant.

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Desfontaines, R.L. 1809.

*Castanea vesca*.

Histoire des Arbres etc. v. 2, p. 500. (Sargent, Silva N. Am., v. 9, p. 13.)

The original was not available.

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Michaux, A. 1810.

*Castanea vesca.*

Histoire Arabus Am. forest. septen. v. 2, p. 156, t. 6.  
(Sargent, Silva N. Am., v. 9, p. 13.)

The original was not available.

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Michaux, F.A. 1810.

*Castanea vesca.*

Histoire des Arabus Forest Am. Septen. v. 2, p. 193.  
(Linne, Spec. Plantar. 4 ed., v. 4, pt. 1, p. 460.)

The original was not available.

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Bigelow, J. 1814.

*Castanea vesca.*

Flora Bostan., 1 ed., p. 224; *ibid.*, 2 ed., p. 349.  
(Sargent, Silva of N. Am. v. 9, p. 13.)

Gives a description of the tree.

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Pursh, F. 1816.

*Castanea vesca*: American.

Flora Americoe Septen. 2 ed., v. 2, p. 624; (Sargent, Silva of N. Am., v. 9, p. 13; Elliott, Sketch Botany of S.C. & Ga., v. 2, p. 614.)

Gives description and habitat of the tree, also points out the differences between the American and the European chestnuts.

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Nuttall, T. 1818.

*Castanea vesca*: American.

Genera of N. Am. plants 2 ed., v. 2, p. 217; (Sargent, Silva of N. Am., v. 9, p. 13; Elliott, Sketch Botany of S.C. & Ga., v. 2, p. 614.)

A description of tree, leaves, flowers, and fruit  
of *Castanea vesca*.

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Hayne, F.G. 1822.

*Castanea vesca*.

Dendrologische Flora, p. 165. (Sargent, *Silva N. Am.*,  
v. 9, p. 13.)

The original was not available.

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Elliott, S. 1824.

*Castanea vesca*: American.

Sketch of the Botany of S.C. & Ga., v. 2, p. 614. (Sar-  
gent, *Silva of N. Am.* 9, p. 13.)

A description of the tree, wood, leaves, flower,  
and nuts. Habitat and time of flowering.

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Coxe, J.R. 1825.

*Castanea*.

*Am. Dispens.*, 6 ed., p. 168; *ibid.*, 7 ed., p. 169.

A very brief statement to the effect that the bark  
is used.

---

Sprengel, K.C. 1826.

*Castanea vesca*.

Linne's *Septen. vegetabilium*, 16 ed., v. 3, p. 856;  
(Sargent, *Silva of N. Am.*, v. 9, p. 13.)

Gives a short description of the leaves of *Castanea*  
*vesca* and *castanea pumila*.

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Spach, E.

1834.

*Castanea Americana.*

Histoire naturelle de Vegetaux, v. 2, p. 191. (Sargent, Silva of N. Am., v. 9, p. 13.)

Describes the plant.

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Wood, G.B. & Bache, F.

1834.

*Castanea.*

U.S. Dispens., 2 ed., p. 183; *ibid.*, 3 ed., p. 179; *ibid.*, 4 ed., p. 183; *ibid.*, 5 ed., p. 189; *ibid.*, 6 ed., p. 189; *ibid.*, 7 ed., p. 189; *ibid.*, 8 ed., p. 188; *ibid.*, 9 ed., p. 194; *ibid.*, 10 ed., p. 194; *ibid.*, 11 ed., p. 202.)

Gives a brief description of the plant, *Castanea pumila*, part used, habitat and use in medicine.

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Rafinesque, C.S.

1836.

*Castanea Americana*, var. *latifolia*.

New Fl., v. 3, p. 82. (Sargent, Silva of N. Am., v. 9, p. 13.)

Gives a description of the tree and the habitat, also a detailed description of the leaves.

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Torrey, J.

1843.

*Castanea vesca: Americana.*

Flora of the State of N.Y., v. 2, p. 195. (Sargent, Silva of N. Am., v. 9, p. 13.)

Gives a description of fruits, trees, and leaves.

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Converchel, \_\_.

1846.

Note sur le morron d'Inde 8<sup>o</sup> (Paris 1846).

(J. d'agric. pratique et de jardinge) S.G.L. Index, s. 2, v. 3, p. 200.

The original was not available.

Gray, A. 1848.

*Castanea vesca.*

Manual of Botany of the No. U.S. 1 ed., p. 417. (Sargent, Silva of No. Am., v. 9, p. 13.)

A description of flowers, leaves and fruit and its habitat.

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Emerson, G.B. 1850.

*Castanea vesca: Americana.*

Trees of Mass., 1 ed., v. 1, p. 164; *ibid.*, 2 ed., v. 1, p. 187. (Sargent, Silva of N. Am., v. 9, p. 13.)

Gives a very detailed description of the tree, leaves, flowers, fruit, wood and bark. Gives the habitat and some uses.

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Dietrich, D.N.T. 1852.

*Castanea Americana.*

Synopsis plantarum etc., v. 5, p. 305. (Sargent, Silva of N. Am. 9, p. 13.)

The original was not available.

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Darlington, W. 1853.

*Castanea vesca.*

Flora cestrica 1 ed., p. 106; *ibid.*, 2 ed., p. 536; *ibid.* 3 ed., p. 270. (Sargent, Silva of N. Am., v. 9, p. 13.)

A description of the flower, leaf and plant and its habitat.

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LePage, P.H. 1854-5

Quelques faits pour servir u l'hisoire chimique et technologique der marron d'Inde. 8° (Rouen 1855)

Precis de l'acad. d. sc. telles lettres et arts, Ronen, \_\_\_\_, p. \_\_\_\_\_. (S.G.L. Index, s. 2, v. 3, p. 200.)

The original was not available.

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Brown, Prof. 1856.

Direction of Ligneous Fibre and the Twist of the Trunks of Trees.

Am. Jour. Pharm., 28, p. 66.

Discusses the twist of the wood fibres of various trees, including species of *Castanea*.

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Michaux, A.F. 1857.

American Chestnut.

No. Am. Sylva v. 3, p. 2. (U.S. Dispens., 17 ed., p. 336; *ibid.*, 19 ed., p. 336; Sargent's Sylva of No. Am., v. 9, p. 13.)

Gives habitat, description and use of the wood and nuts. Plate shows natural sized leaves, full grown fruit and a nut.

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Chapman, A.W. 1860.

*Castanea vesca*.

Flora of So. U.S. p. 424. (Sil. of No. Am. 9, p. 13.)

Gives a description of the tree and flowers.

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Curtis, M.A. 1860.

*Castanea vesca*.

Rept. Geolog. Surv. N. Car., No. 3, p. 46. (Sargent, Sylva No. Am., v. 9, p. 13.)

Gives habitat, description and some uses, other than in medicine.

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Albini, G. & Fringa, A. 1861.

Ricerche chimiche nualitiche sulle castagne comuni.

(Rend. d. r. Acad. d. sc. fir. e mat. di Napoli, p. \_\_\_\_;  
S.G.L. Index, S. 2, v. 3, p. 200.)

The original was not available.

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Close, G.A. 1863.

On Chestnut Leaves in Whooping Cough.

Am. Jour. Pharm. 35, p. 66. (Am. Jour. Pharm., 43, p. 529;  
U.S. Dispens., 13 ed., p. 1558; Am. Drugg. Circ., 7, p.  
26; Drugg. Circ., 18, p. 29; Pharm. Jour., v. 22, p. 518;  
Eclec. Med. Jour. 22, p. 127.)

Tells of satisfactory results from a tea of the  
leaves in cases of whooping cough.

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De Candolle, A.P. 1864.

*Castanea vulgaris*, *Americana*.

Prodromus v. 16, pt. 2, p. 113. (Sargent, *Silva of N. Am.*  
v. 9, p. 13.)

Gives a detailed description of *Castanea vulgaris* and  
*C. pumila*.

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Mayer, F.M. 1864.

Souari nuts.

Am. Jour. Pharm., 36, p. 294.

South American nut bearing trees have been described  
by older writers as *Castanea Peruviana*.

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Wood, G.B. & Bache, F. 1865.

*Castanea*.

U.S. Dispens., 12 ed., p. 1488; *ibid.*, 13 ed., p. 1558.

Gives a short description of *Castanea pumila*, its habitat and uses although it was not official.

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Dietrick, E.

1866.

(*Castanea vesca*)

Wittstein's Vierteljh. Pharm. 15, p. 205. (Proc. Am. Pharm. Assoc., v. 14, p. 163.)

Reports the results of examination of the chestnut for starch and protein.

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Algetiere, J.

1868.

(Tanning with Chestnut Wood).

(Drug. Circ., 12, p. 100).

The tannin of the wood rather than that of the bark is better for tanning.

---

Kock, K (H.E.)

1869.

*Castanea Americana*.

Dendrologie pt. 2, p. 23. (Sargent, Silva of No. Am. 9, p. 13.)

The original was not available.

---

Ludlow, J.

1869.

(Infusion of the Leaves of Chestnut in Whooping Cough).

Cincin. Lancet and Observer v. , p. . (U.S. Dispens., 13 ed., p. 1558; Drugg. Circ. 12, p. 89; Ibid., 18, p. 29; Jour. Mat. Med., 8, p. 144; Am. Journ. Med. Sci., v. 57, p. 568.)

(Reports the results of giving an infusion of the leaves for whooping cough; also directions for making the infusion.)

---

Porcher, F.P.

1869.

*Castanea vesca.*

Southern Fields and Forests, new ed., p. 277. (Am. Jour. Pharm., 43, p. 529.)

Short description of the plant is given, the use of the fruit as food and the leaves for fever and whooping cough.

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Tenderini, \_\_.

1869.

Utilita del castagno in Medicina.

Salute, Genova, 4, p. 785; S.G.L. Index, s. 1, v. 2, p. 737.)

The original was not available.

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Ludwig, M.

1870.

Alleged Presence of Dextrine in the Chestnut.

Chem. News Am. Reprint, March v. 6, p. 169. (Pro. Am. Pharm. Assoc., p. 276.)

Found that this fruit does not contain any dextrine at all.

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Hanbury, D.

1871.

Chestnut Oyle.

Pro. Am. Pharm. Assoc., 19, p. 492.

A quotation of juices of chestnut oil in A.D. 1610.

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Maisch, J.M.

1871.

On the Fluidextract of Chestnut Leaves.

Am. Jour. Pharm., 43, p. 529. (U.S. Dispens., 14 ed., p. 243; Am. Jour. Pharm., 52, p. 292; Pharm. Journ. v. 31, p. 562; Yrbk. Br. Pharm. Conf., 8, p. 317.)

Advise the making of the fluid extract, gives the method of preparation and advantages.

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1878.

(Chestnut Flour Glue)

New Rem., 7, p. 21.

Describes the preparation of the glue.

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"Editor"

1879.

(Chestnut - Uses)

New Rem., 8, p. 49. (Proc. Am. Pharm. Assoc., 27, p. 278.)

The horse chestnut yields a starch which is made into a paste and is used for book binding, because it is not attacked by insects.

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Stille, A. & Maisch, J.M.

1879.

Castanea.

Natl. Dispens., 2 ed., p. 364; *ibid.*, 3 ed., p. 398.

Gives origin, description, constituents, medical action and uses of the leaves of *Castanea vesca*.

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Turner, J.B.

1879.

Chestnut Leaves.

Am. Journ. Pharm., 51, p. 542. (U.S. Dispens., 15 ed., p. 370; *ibid.*, 17 ed., p. 337; *ibid.*, 19 ed., p. 1433; Proc. Am. Pharm. Assoc., 28, p. 197.)

In an Inaugural Essay, Turner makes a statement as to the assay for constituents of the leaves.

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Wood, G.B. & Bache, F.

1879.

Castanea.

U.S. Dispens., 14 ed., p. 243 & p. 1608; *ibid.*, 15 ed., p. 370 & 1600.

The leaves of *Castanea vesca* are official. The bark of *Castanea pumila* is given recognition in part III of the book but not official.

Gives description, habitat, properties, and medicinal uses.

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Lauche, W.

1880.  
1 ed.

Castanea Americana.

Deutsche Dendr., 2 ed., p. 289. (Sargent, *Silva of No. Am.*, v. 9, p. 13.)

The original was not available.

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Steltzer, L.J.

1880.

On Chestnut Leaves.

Am. Jour. Pharm., 52, p. 292. (U.S. Dispens., 17 ed., p. 337; *ibid.*, 19 ed., p. 1433; Proc. Am. Pharm. Assoc., 28, p. 198; Pharm. Jour., 40, p. 26; Yrbk. Br. Pharm., 17, p. 209.)

Determines some of the constituents of chestnut leaves.

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1881.

The Cultivation of Chestnuts.

Rural New Yorker (Drugg. Circ., 25, p. 187).

The original was not available.

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1881.

Chestnuts as a Food.

Drugg. Circ., 25, p. 44.

Gives the analysis and describes some of the uses of the flour.

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Gibelli, G. 1882.

Nuovi studii sulla malattia del castagno detta dell' inchiostio.

Meon. Acad. d. sc. d. est. di Bologna, s. 4, v. 4, p. 287, 5 pl. (S.G.L. Index, s. 2, v. 3, p. 201).

The original was not available.

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"Correspondent" 1883.

Abnormal Flowering of the Chestnut Tree.

Pharm. Jour., v. 43, p. 345.

Tells of abnormal flowering due to mild winter in England.

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Davis, W. 1883.

Chestnut Tree.

Eclec. Med. Jour., 43, p. 369.

A description of tree and use of leaves as a poultice for burns.

---

"Editor" 1883.

(Alcohol from Chestnuts).

Chem. & Drugg., 25, p. 562.

100 liters of nuts yields about 8 liters of a good spirit. Extracted by distillation. Residue serves as a food for fattening cattle.

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Olivier, A. 1883.

Etude sur le marranies - d'Inde.

Montpellier. (S.G.L. Index, s. 2, v. 3, p. 200.)

The original was not available.

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Nass, P. 1884.

Ueber den Gerbstoff der *Castanea vesca*.

Diss., Dorpat, 39 pp. (S.G.L. Index, s. 2, v. 3, p. 200.)

The original was not available.

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Sargent, C.S. 1885.

*Castanea Vulgaris & Americana*.

Woods of the U.S., p. 94. (Sargent's Sil. of No. Am. 9, p. 13.)

Gives habitat, description of the tree and a description of the wood and its uses.

---

Klie, C.G.H. 1887.

Fluid Extract of Chestnut Leaves.

Pharm. Rec., 7, p. 243.

States that the directions for the preparation in the Pharmacopoeia are unsatisfactory.

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Dippel, L. 1889-93

*Castanea Americana*.

Handb. der Lanbholzk v. 2, p. 57. (Sargent, Silva of No. Am., v. 9, p. 13.)

The original was not available.

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Sargent, C.S. 1889.

*Castanea sativa*, var. *Americana*.

Garden and Forest, 2, p. 484. (Sargent's Sil. of No. Am., 9, p. 13.)

Classified the American chestnut and gives it the name of *Castanea sativa* var. *Americana*.

---

Watson, S. & Coulter, J.M. 1889.

*Castanea sativa* var. *Americana*.

Gray's Manual of Bot of U.S., 6 ed., p. 479. (Sargent's Silva of N. Am., v. 9, p. 13.)

Description of flowers, leaves and tree of *Castanea sativa* var. *Am.*, and *Castanea pumila*.

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Maisch, J.M. 1890.

Botanical Origin of Some Pharmacopoeial Drugs.

Am. Journ. Pharm., 62, p. 327. (Proc. Am. Pharm. Assoc., v. 39, p. 457.)

Chestnut leaves are henceforth directed to be collected from *Castanea sativa* Miller, var. *Americana*, instead of from *C. vesca* L. The latter name appears to be more appropriate for our indigenous tree, which is rarely cultivated.

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Mayr, H. 1890.

*Castanea Americana*.

Die Waldungen von Nordam., p. 177. (Sargent's Silva of No. Am., v. 9, p. 13.)

The original was not available.

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Trimble, H. 1891.

Chestnut Wood Tannin.

Jour. Franklin Inst. v. 132, p. 303. (Jour. Chem. Soc. v. 304, 716; Pharm. Jour., 52, p. 4, Pharm. Jour., 53, p. 261.)

Gives a very complete account of the tannin. Gives a

list of the characteristics and resemblances to gallo-  
tannic acid.

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Rusk, J.M. 1892.

Chestnut.

Rep. Sec. Agric. U.S. p. 328. (Sargent's Sil. of No. Am.,  
9, p. 13.)

Gives a short discussion about the scientific name.

---

Sudworth, G.B. 1892.

*Castanea Dentata.*

Bull. Torrey Bot. Club, 19, p. 152. (Sil. of No. Am., 9,  
p. 13.)

On the name of the American Chestnut.

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1893.

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Extract of Chestnut Bark.

Bull. Pharm., 7, p. 420.

A report of the amount of chestnut bark exported for  
tanning purposes.

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"Editor" 1893.

(Chestnut Tannin).

Pharm. Jour. v. 53, p. 261. (Proc. Am. Pharm. Assoc., v. 42,  
p. 881.)

Tells of the increase in amount of chestnut bark used  
in tanning of leather, because of the tannin.

---

Koehne, B.A.E. 1893.

*Castanea Americana.*

Deutsche Dendr. p. 122. (Sargent's Silva of No. Am. v. 9,

p. 13.)

The original was not available.

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Palmer, \_\_\_.

1893.

Chestnut - Lilac Color from Extract.

Pharm. Rec., v. 15, p. 9. (Proc. Am. Pharm. Assoc., v. 41, p. 647.)

Obtained a lilac color from commercial chestnut wood while experimenting with the idea of making galloflavine from the wood.

---

Trimble, H.

1893.

Chestnut Bark Tannin.

Chem. News 67, p. 7. (Yrbk. of Phar. 1892, p. 64; *ibid.*, 1893, p. 69.)

Gives an assay of the bark for tannin. Yielded 7.31 per cent.

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Stille, A. & Maisch, J.M.

1894.

Castanea.

Natl. Dispens., 5 ed., p. 420.

Gives origin, description, constituents, and action and uses of the leaves of *Castanea dentata* (Marshall) Lardworth, s. *C. vesca*.

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Wood, G.B. & Bache, F.

1894.

Castanea.

U.S. Dispens., 17 ed., p. 335 and p. 1587; *ibid.*, 19 ed., p. 1433; *ibid.*, 20 ed., p. 1308.

Gives time of collection, description, habitat, properties and medical uses of the leaves of *Castanea dentata*.

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Sayre, L.E.

1896.

Senna.

Am. Jour. Pharm., 68, p. 587.

The detection of powdered chestnut leaves in powdered senna leaves is effected by means of 5% ferric chloride solution, as the tannin of chestnut leaves is characteristic.

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Sargent, C.S.

1896.

Castanea Dentata.

Silva of N. Am. v. 9, p. 13.

Gives description of the plant and habitat and also other species, with two plates and references.

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Balland, \_\_\_ .

1897.

Marrous et chatsignes.

Jour. de pharm. et de chim. 144, p. 525. (S.G.L. Index, s. 3, v. 2, p. 201).

Gives data regarding the production of almonds and chestnuts in France with most of the data on almonds.

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Roze, E.

1897.

Sur la maladie des chataignes.

Compt. rend. Acad. d. sc. Par. v. 125, p. 982. (S.G.L. Index, s. 2, v. 3, p. 201).

Gives a description and a cause of the chestnut disease.

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Lloyd, J.U. & Felter, H.W.

1898.

Castanea.

Am. Dispens., 18 ed., 3 rev., v. I, p. 458.

Gives botanical source of leaves of *Castanea dentata*, history, description, chemical composition, action, medical uses and dosage. Also gives an illustration.

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"Director of Customs in Corsica" 1900.

The Destruction of Chestnut Trees.

Consular reports of Director of Customs in Corsica. (Pharm. Jour., 64, p. 681.)

Comments on the destruction of the trees for gallic acid.

---

Trimble, H. 1900.

Results of Investigation of the Tannins.

Am. Jour. Pharm., v. 72, p. 429. (U.S. Dispens., 19 ed., p. 1434, *ibid.*, 20 ed., p. 1308).

Gives the percentage of ash, moisture, and tannin in the root, bark and stem bark.

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"Puzzled Student" 1903.

*Castanea Dentata*.

Drugg. Circ., 47, p. 237.

An explanation of the different species names of the plant.

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1905.

Food Value of Potatoes and Chestnuts.

West. Drugg., v. 27, p. 16.

Gives a comparison of the analysis of potatoe and chestnuts.

---

Beringer, G.M.

1908.

Fluidglycerates.

Drugg. Circ., 52, p. 551. (Am. Drugg. & Pharm. Rec., v. 58, p. 254.)

Describes a method of preparing the fluidglycerate of Castanea.

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Balland, \_\_\_.

1910.

(Nutritive Value of Chestnuts).

Revue Scient. 48, p. 3. (Drugg. Circ., 54, p. 572.)

Gives the extent of the production of chestnuts in France and compares their nutritive value with wheat and potatoes.

---

Metcalf, H.

1912.

The Chestnut Bark Disease.

Yrbk. U.S. Dept. Agric. Wash. p. 363, 1 pl. (S.G.L. Index, s. 3, v. 3, p. 1062.)

History, distribution, cause and symptoms, means of spread and infection, utilization of dead and dying trees, etc. Gives a plate showing infection.

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(Beringer, G.M.)

1913.

Approved Monographs Submitted for Unofficial Drugs.

Jour. Am. Pharm. Assoc., 2, p. 255.

Gives a proposed monograph for chestnut leaves.

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Fleury, \_\_\_.

1913-14.

Marronnier d'Inde; ser. enylois en therapeutique.

Rennes. Med., 9, p. 65. (S.G.L. Index, s. 3, v. 3, p. 1062).

The original was not available.

Heald, F.D. & Gardner, M.N.

1913.

Preliminary note on the relative prevalence of pycnospous and ascospores of the chestnut blight fungus during the winter.

Science, n.s. 37, p. 916. (S.G.L. Index, s. 3, v. 3, p. 1062.)

Gives the result of an experiment in which the spores were trapped and examined.

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Heald, F.D., Gardner, M.N.  
& Studhulter, R.A.

1914-15

Air and wind dissemination of ascospores of the chestnut blight fungus.

J. Agric. Research, Wash. 3, p. 493, 3 pl. (S.G.L. Index s. 3, v. 3, p. 1062.)

Gives a very complete study of the disease. Explains and gives results to a long series of tests.

---

Marsh, C.D.

1914.

Supposed Poisonous Properties of Nuts Grown on Trees Affected with Blight.

Jour. Am. Med. Assoc., 63, p. 30. (Yrbk. Am. Pharm. Assoc., 3, p. 208; S.G.L. Index, s. 3, v. 3, p. 878.)

Results of field of examination and laboratory experiments were negative.

---

Merrill, T.C.

1914.

Is there a toxemia satisfiable to the eating of chestnuts?

Jour. Am. Med. Assoc., v. 62, p. 289. (S.G.L. Index, s. 3, v. 3, p. 1062.)

States that work is being done to find out whether or not the nuts from diseased trees are toxic, and also whether or not germinating nuts are harmful.

(Miller, A.W.)

1914.

Cure for Chestnut Blight.

Proc. Penna. Pharm. Assn., p. 60. (Yrbk. Am. Pharm. Assoc., 3, p. 208.)

After experimenting it was found that Bordeaux Mixture was the most effective cure.

---

Holm, T.

1915.

Medicinal Plants of North America.

Merck's Rept., v. 24, p. 85. (Dig. Com. on U.S.P. & N.F., 1915, p. 218.)

A very minute description of the plant giving illustrations of cross sections of leaf, stem and root.

---

Newcomb, E.L.

1915.

Ash Content of Some Non-Official Drugs.

Proc. Minn. Pharm. Assoc., 31, p. 102. (Dig. Com. U.S.P. & N.F., 1915, p. 218; Yrbk. Am. Pharm. Assoc., 4, p. 95; Am. Journ. Pharm., 87, p. 114.)

The ash content of Castanea was found to be 3.927%-3.958% in a clean commercial sample.

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Pollak, L.

1916.

Contribution to the Knowledge of Chestnut Extract.

Chemisches Central-Blatt 87, part I, p. 441. (Chem. Abs. 10, p. 829.)

Gives the estimation of lignin in the chestnut extract. Finds that this value for the extract to be about half that of the wood.

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1916.

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Chestnut Extract.

Pharm. Jour., 97, p. 448.

Regulations regarding the importation of the extract into England are recorded.

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Dechambre, \_\_. 1917.

Utilisation du marron d'Inde dans l'alimentation des animaux.

Rec. de med. vet. Par., 93, p. 596. (S.G.L. Index, s. 3, v. 3, p. 1062.)

The original was not available.

---

Graves, A.H. 1918.

Resistance in the American Chestnut to the Bark Disease.

Science n.s. 48, p. 652. (S.G.L. Index, S. 3, v. 3, p. 1062.)

A method of revival of our American chestnut.

---

Ewe, G. 1919.

Report of Committee on Drug Market.

Proc. Penn. Pharm. Assoc., 43, p. 82. (Dig. Com. on U.S.P. & N.F., 1919, 202, Jour. Am. Pharm. Assoc., 8, p. 671.)

Of two lots of chestnut leaves examined, one was rejected because it was hard and brittle, and of a brown color; the other lot contained leaves of Castanea species other than that prescribed by the N.F.

---

Hommell, P.E. 1919.

(Containers for Chestnut Leaves).

Proc. N.J. Pharm. Assoc., 49, p. 44. (Dig. Com. U.S.P. & N.F. 1919, p. 202.)

The N.F. should direct that the leaves be preserved in tightly closed containers protected from light.

Collins, J.F.

1920.

Note on resistance of Chestnut to the Blight.

Phytopathology, 10, p. 368. (S.G.L. Index, s. 3, v. 3, p. 1062.)

The original was not available.

---

Jurnelle, H.

1922.

(Chestnut Oil).

Matieres grasses, 14 (1922), p. 6200. (Chim. et Ind. 9, p. 336; Yrbk. Am. Pharm. Assoc., v. 12, p. 246.)

The original was not available.

---

Farwell, O.A.

1927.

Adulteration of Crude Drugs.

Am. Drugg., 75, p. 39.

Lists various adulterations of chestnut leaves.

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- Am(eric)an Drugg(ist), v. 13-20; 1884-1891.
- Am(eric)an Drugg(ist) & Pharm(aceutical) Rec(ord), v. 13-78; 1884-1928.
- Am(eric)an Journ(al of) Pharm(acy), v. 1-100; 1829-1928.
- Brit(ish) & Col(onial) Drugg(ist) v. 12-81; 1887-1928.
- Bull(etin of) Pharm(acy), v. 5-42; 1891-1928.
- Chem(ist) & Drugg(ist) v. 1-109; 1859-1929.
- Dig(est) of Com(ments) on U.S.P. & N.F. 1905-1923.
- Drugg(ists) Circ(ular), v. 1-72; 1857-1928.
- Eclec(tic) Med(ical) Journ(al), v. 1-85; 1853-1926.
- Journ(al) Am(eric)an Pharm(aceutical) Asso(ciation) v. 1-17; 1912-1928.
- Journ(al of) Mat(eria) Med(ica) v. 1-4; 1859-1862; & v. 8-19; 1869-1880.
- New Eng(land) Drugg(ist) v. 5-16; 1893-1904.
- New Rem(edies) v. 5-12; 1876-1883.
- Pharm(aceutical) Era, v. 1-65; 1887-1928.
- Pharm(aceutical) Journ(al) v. 1-122; 1841-1929.
- Pharm(aceutical) Rec(ord), v. 4-15; 1884-1893.
- Pro(ceedings of) Am(eric)an Pharm(aceutical) Asso(ciation) v. 1-59; 1855-1911.
- The Apothecary (Boston), v. 1-7; 1904-1910.
- The Apothecary (Chicago), v. 1-6; 1894-1897.
- West(ern) Drugg(ist), v. 4-50; 1882-1928.

Y(ea)r B(oo)k (of the) Am(eric)an Pharm(aceutical)  
Asso(ciation), v. 1-12; 1912-1923.

Y(ea)r B(oo)k of Br(itish) Ph(armaceutical) Conf(erence)  
v. 4-65; 1867-1928.

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1824; 3 ed., 1840.
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Selten, 1790.
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1825; 7 ed., 1827; 9 ed., 1831.
- Curtis, M.A. - Rept. Geolog. Sur. No. Carolina, No. 3,  
1860.
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3 ed., 1853.
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- Gray, A. - Manual Bot. U.S. 1 ed. 1848; 6 ed., 1889.
- Gronovius, J.F. - Flora Virginica 2 ed., 1762.
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- Michaux, A. - Flora Boreali Americanum 1803.
- Michaux, F.A. - No. Am. Sylva, v. 3, 1857.

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1805.
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1836; 4 ed., 1839; 5 ed., 1843; 6 ed., 1845; 7 ed., 1847;

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

9 ed., 1851; 10 ed., 1854; 11 ed., 1858; 12 ed., 1865;  
13 ed., 1870; 14 ed., 1879; 15 ed., 1884; 17 ed., 1894;  
19 ed., 1907; 20 ed., 1918; 21 ed., 1926.

UNITED STATES PHARMACOPOEIA (O-X)

(1820 - 1920)

and

NATIONAL FORMULARY (I-V)

(1888 - 1926)

History  
of  
Castanea

U.S.P. 1820 S. p. 52.

Castanea. Castanea pumila W IV 461  
Chinquapin Cortex. The bark.

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U.S.P. 1830 (N.Y.) p. 26

Castaneae Pumilae Cortex Castanea Pumila  
Chinquapin. Dwarf Chestnut.  
The bark.

The dwarf chestnut possesses some tonic and astringent properties, / and, it is said, has been used with success in the treatment of inter- / mittents.

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U.S.P. 1830 (Phil.) S. p. 30.

Castanea Castanea pumila W IV 461  
Chinquapin Cortex. The bark.

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U.S.P. 1840 S. p. 42.

Castanea Chinquapin  
The bark of Castanea pumila.

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U.S.P. 1850 S. p. 48.

Castanea Chinquapin  
The bark of Castanea pumila.

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U.S.P. 1870 S. p. 57.

Castanea Chestnut  
The bark of Castanea vesca.

U.S.P. 1880 p. 68.

Castanea

Castanea

(Chestnut)

The leaves of *Castanea vesca* Linne (Nat. Ord., Cupuliferae), collected in/ September or October, while still green.

From six to ten inches (15 to 25 centimeters) long, about two inches (5 centime-/ters) wide, petiolate, oblong-lanceolate, acuminate, mucronate, feather veined, sin-/uate-serrate, smooth; having a slight odor, and a somewhat astringent taste.

Preparation. Extractum Castaneae Fluidum.

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U.S.P. 1890 p. 81

Castanea

Castanea

(Chestnut)

The leaves of *Castanea dentata* (Marshall) Sudworth (nat. ord. Cupu-/liferae), collected in September or October, while still green.

From 15 to 25 cm. long, about 5 Cm. wide, petiolate, oblong-lanceolate,/ acuminate, mucronate, feather veined, sinuate-serrate, smooth; odor slight;/ taste somewhat astringent.

Preparation: Extractum Castaneae Fluidum.

N.F. IV 1916 p. 279.

Castanea

Castanea

Castan.

Chestnut Leaves.

The dried leaves of *Castanea dentata* (Marshall) Borkhausen (Fam. / Fagaceae), collected in September or October while still green, and with- / out the presence of more than 5 per cent. of twigs or other foreign matter.

Petioles stout, about 12 mm. in length; blades entire or slightly broken and usually / folded or matted together; about 15 to 25 cm. in length and about 5 cm. in breadth, / oblong-lanceolate, apex attenuate, acute at the base, coarsely and sharply serrate / with ascending, alternate teeth, nearly smooth, coriaceous in texture, the copper / surface dark green, the lower light green; distinctly pinnately veined, the veins of / the first order diverging at an angle of about 60 degrees, each terminating in one of / the teeth. Odor slight, taste astringent. /

The powdered drug, when examined under the microscope, shows a few non- / glandular hairs from 0.1 to 0.5 mm. in length, nearly smooth, thick-coated, distinctly / yellow, occasionally in groups of three to eight and spreading from the base; numerous / calcium oxalate crystals in rosette aggregates or in monoclinic prisms, from 0.01 to /

0.04 mm. in diameter; parenchyma cells containing irregular yellowish-brown tannin/ masses which are colored blue with Ammonio-ferric alum T.S.

Castanea yields not more than 5 per cent. of ash.

Average dose - Metric, 4 gm. - Apothecaries, 1 drachm.

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N.F. V - 1926 p. 301.

Castanea

Castanea

Castan.

Chestnut Leaves.

Castanea consists of the dried leaves of *Castanea dentata* (Marshall) (Birkhausen (Fam. Fagaceae)).

Castanea contains not more than 5 per cent of its stems or other/ foreign organic matter.

Description and Physical Properties.

Unground Castanea: Blade entire or slightly broken and usually folded or/ matted together; about 15 to 25 cm. long and about 5 cm. wide, oblong-lanceo-/late, apex attenuate, acute at the base, coarsely and sharply serrate with as/cending, alternate teeth, nearly smooth, coriaceous in texture, the upper/ surface dark green, the lower light green; distinctly pinnately veined, the veins/ of the first order diverging at an angle of about 60 degrees, each terminating in/ one of the teeth; petiole stout, about 12 mm.

long. Odor slight; taste astringent.

Powdered Castanea: Few non-glandular hairs from 0.100 to 0.500 mm. long, occasionally up to 1.500 mm. in length, nearly smooth, thick-walled, distinctly yellow, occasionally in groups of 3 to 8 and spreading from the base; numerous calcium oxalate crystals in rosettes or in monoclinic prisms, from 0.010 to 0.50/ mm. in diameter, occasionally in crystal fibers; parenchyma cells containing irregular yellowish brown tannin masses which are colored blue with ammonio-ferric alum T.S.

Preparation: Fluidextractum Castaneae.

Average dose - Metric, 4 gm. - Apothecaries, 60 grains.

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Summary of U.S.P. & N.F. 1820-1920 data of  
Castanea.

Official in U.S.P., 1820, '30 (N.Y. & Phila.), '40, '50,  
'70, '80, '90, N.F. 1916, 1926.

Official Latin Title:

Castanea in U.S.P. 1820, '30 (Phila.), '40, '50, '70,  
'80, '90, N.F. 1916, '26.

Official English Title:

Chinquapin, 1820, '30 (N.Y. & Phila.), '40, '50.

Chestnut, 1870

Castanea, '80, '90, N.F. 1926.

Official Abbreviation:

Castan. N.F. 1916, '26.

Official Synonym:

Dwarf Chestnut, '30 (N.Y.)

Chestnut, 1880

Chestnut Leaves, N.F. 1916, '26

Official Family: (Nat. Ord.)

Cupuliferae, '80, '90.

Fagaceae, N.F. 1916, 1926

Part used:

The bark, '20, '30 (N.Y. & Phil.), '40, '50, '70.

The leaves, '80, '90.

The dried leaves, N.F. 1916, '26.

Description:

See U.S.P. '80, p. 68; 1890, p. 81;

N.F. 1916, p. 279; 1926, p. 301.

Official Preparations:

Extractum Castaneae Fluidum, 1880, p. 68; 1890, p. 81.

Fluidextractum Castaneae, N.F. 1926, p. 301.

Dose:

4 Gm. - 60 gr., N.F. 1916, 1926.

Approved by W. O. Richtmann

Assoc. Org. of Pharmacognosy

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