

BIBLIOGRAPHY

OF

PULSATILLA

By

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SCHOOL OF PHARMACY

A Thesis Submitted for the Degree of

GRADUATE IN PHARMACY

University of Wisconsin

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Brunfels, O.

1530.

(Anemone Pulsatilla).

Herbarum Vvae Icones, v. 1, p. 218; (Ibid., p. 150; Archw. der Pharm., 230, p. 182.)

The original was not available.

Fuchs, L.

1542.

Ranunculi, Quarta Species Lastea.

De Historia Stirpium, etc., p. 163; (Ibid., p. 866; Archw. der Pharm., v. 230, p. 183.)

Gives a large illustration of anemone nemorosa and gives a description, habitat, time of flowering, and the part of the plant used.

Bock, K.

1556.

(Anemone Pulsatilla).

Krauterbuck, p. ---; (Arch. der Pharm., v. 230, p. 183.)

The original was not available.

Volckamer, J.G. (Pater)

1644.

(Anemone Pulsatilla).

Norimbergae, p. 347; (Hayne, Darst. U. Beschr. der Arzn., v. 1, t. 22.)

The original was not available.

Bauhin, G.

1671.

Pulsatilla.

Pinax. Theatre., p. 177; (Willdenow, Linne Species Plantarum, 4 ed., v. 3, pt. 2, p. 1274; Linne, Species Plantarum, 1 ed., v. 1, p. 538; Woodville, Med. Bot., 2 ed., v. 3, p. 468; Hayne, Darts. und Beschr. der Arzn., v. 1, t. 22.)

Describes the flowers of several varieties of Pulsatilla.

Ruppins, H.B.

1718.

(Anemone Nemorosa).

Flora Jenensis., p. 160; (Hayne, Darts. und Beschr. der Arzn., v. 1, t. 22.)

The original was not available.

Helwing, G.A.

1719.

(Anemone Pulsatilla.)

Flora Campans seu Pulsatilla, p. 62; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274; Linne, Species Plantarum, 1 ed., v. 1, p. 539; Woodville, Med. Bot., 2 ed., v. 3, p. 468.)

The original was not available.

Buxbaum, J.C.

1721.

(Anemone Pulsatilla).

Enumeratio Plantarum Accuratio Hallensi., p. 274; (Hayne, Darst. und Beschr. der Arzn., v. 1, t. 22.)

The original was not available.

Royen, A.

1740.

(Anemone Pulsatilla).

Flora Leyensis., p. 487; (Willdenow, Linne Species Plantarum., 4 ed., v. 2, pt. 2, p. 1274; Linne, Species Plantarum, 1 ed., v. 1, p. 538.)

The original was not available.

Dalibad, T.F.

1789.

(Anemone Pulsatilla).

Florae Parisiensis Prodromus., p. 160; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274; Linne, Species Plantarum, 1 ed., v. 1, p. 539.)

The original was not available.

Bergen, K.A.

1750.

(Anemone Pulsatilla).

Flora Francosurtana., p. 156, n. 1; (Hayne, Dart. und Besch. der Arzn., v. 1, t. 22.)

The original was not available.

Boehmer, G.R.

1750.

(Anemone Pulsatilla).

Florae Lipsae Indigena, n. 543; (Hayne, Darst. und Beschr. der Arzn., v. 1, t. 22.)

The original was not available.

Linne, C.

1753.

Anemone.

Species Plantarum, 1 ed., p. 539; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1272.)

Gives botanical classification and pre-Linnean synonymy of *Anemone Pulsatilla*, *Anemone Patens*, and *Anemone Pratenis*.

Kinphof, J.H.

1757.

(*Anemone Pulsatilla*).

Botanicon in Originali., cent. 1, t. 4; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274.)

The original was not available.

Kniphof, J.H.

1758.

(*Anemone Pulsatilla*).

Botanica in Originale seu Herbarium Vivarium, v. 1, t. 78; Index Londinensis, v. 1, p. 202.)

The original was not available.

Kniphof, J.H.

1758.

(*Anemone Pulsatilla*).

Botanica in Originale seu Herbarium Vivarium, v. 1, t. 78; Index Londinensis, v. 1, p. 202.)

The original was not available.

Ludwig, C.G. 1760.

(Anemone Pulsatilla).

Ecypa Vegetabilium, t. 119; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274.)

The original was not available.

Scopoli, J.A. 1760.

(Anemone Pulsatilla).

Flora Carniolica, 1 ed., p. 568; (Ibid., 2 ed., p. 665; Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274.)

The original was not available.

Nonne, J.P. 1765.

(Anemone Pulsatilla).

Erfordiaae, p. 248; (Hayne, Darst. und Beschr. der Arzn., v. 1, t. 22.)

The original was not available.

Oeder, G.C. 1766.

Anemone Pulsatilla.

Flora Danica, v. 1, t. 153; (Index Londinensis, v. 1, p. 202; Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274.)

Gives the habitat and a large plate of the plant.

Reyger, G.

1766.

(*Anemone Pulsatilla*).

Tentamen Flora Gedanensis., v. 2, pt. 2, p. 95; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274.)

The original was not available.

Haller, A.

1768.

(*Anemone Pulsatilla*).

Hist. Sirpium Indigenarum Helvatiæ, n. 1146; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274.)

The original was not available.

Cranz, H.J.N.

1789.

(*Anemone Pulsatilla*).

Stirpium Austriacæ., p. 123, n. 6; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274.)

The original was not available.

Gmelin, J.G.

1789.

(*Anemone Pulsatilla*).

Flora Sibirica., v. 4, p. 195; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274.)

The original was not available.

Miller, P.

1769.

(*Pulsatilla Vulgaris*).

Allgemeines Gartnerlexicon aus dem Englischen, n. 1; (Willdenow, *Linne Species Plantarum*, 4 ed., v. 1, pt. 2, p. 1274; Hayne, *Darst. und Beschr. der Arnz.*, v. 1, t. 22.)

The original was not available.

Houttuyn, F.

1771.

Anemone Patens, *Pulsatilla*, & *Pratensis*.

Linne's *Natuwlyke Histoire*, pt. 12, piece 9, p. 1814; (Willdenow, *Linne Species Plantarum*, 4 ed., v. 2, pt. 2, p. 1274.)

Gives a brief description of the species, habitat, synonyms, and references.

Storck, A.

1771.

De *Pulsatilla Nigricante*.

Libulles de Usu Medico Pulsatillae Nigricantis, p. 1-61; (*Pharm. Rundsch.*, v. 10, p. 268.)

The botanical classification of the plant is given, and a review of its uses in several experiments. A large plate of the herb is shown.

Knorr, G.W.

1772.

(*Anemone Pulsatilla*).

Thesaurus rei herbarie hortensique universalis, v. 2, t.A. 7; (Willdenow, *Linne Specie Plantarum*, 4 ed., v. 2, pt. 2, p. 1274.)

The original was not available.

Mattuscha, H.G.

1776.

(*Anemone Pulsatilla*).

Flora Silesiaca., p. 392; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274.)

The original was not available.

Pollich, J.A.

1776-1778.

(*Anemone Pulsatilla*).

Hist. Plant. in Palatinatu., n. 517; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274.)

The original was not available.

Curtis, W.

1727.

Anemone Nemorosa.

Flora Londinensis, v. 1, pt. 2, p. ---; (Index Londinensis, v. 1, p. 202.)

A large colored plate of *Anemone Nemorosa*.

Muller, O.F.

1777.

Anemone Protensis.

Flora Danica, v. 4, t. 611; (Index Londinensis, v. 1, p. 202; Woodville, Medical Botany, 2 ed., v. 3, p. 468; Kunth, Anleitung zur Kenntnifs Pharm. Borussica, p. 322.)

Gives the habitat and a large plate of the plant.

Zorn, J.

1779.

(Anemone Pulsatilla).

Icones Plantarum Medicinalium, v. 1, t. 76; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Heyer, H.

1781.

Camphor aus Kuchenschelle, (Anemone Pulsatilla).

Alman. Tsechb., v. 2, p. 26-27; (Magaz. der Pharm., v. 19, p. 183;
Bull. Alloc. Chim., v. 47, p. 683; Arch. der Pharm., v. 230, p. 184)

Obtained crystals by distilling the herb of Anemone Pulsatilla and called them Anemone Camphor.

Bonnet, C.

1783.

(Pulsatilla).

Am. Jour. de Med., v. ---, p. ---; (Griffirith, Med. Bot., p. 80.)

Speaks highly of the extract in obstinate cutaneous affections.

Zorn, J.

1784.

(Anemone Protensis).

Icones Plantarum Medicinalium, v. 5, t. 4399; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Relhan, R.

1785.

(Anemone Pulsatilla).

Flora Cantabrigiensis, p. 208; Index Londinensis, v. 1, p. 202.)

The original was not available.

Roth, A.W.

1788.

(Anemone Pulsatilla).

Tentamen Flora Germ., v. 1, p. 235; (Ibid., v. 2, p. 603;
Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274;

Hayne, Darst. und Beschr. der Arzn., v. 1, t. 22.)

The original was not available.

1789.

(Anemone Protensis).

Plantarum Indig. & Exot. Icones, v. 2, t. 66; (Index Londinensis,
v. 1, p. 202.)

The original was not available.

Hoppe, D.H.

1789.

(Anemone Pulsatilla).

Ectypa Plantarum Ratisbonensium, t. 348; (Index Londinensis, v.
1, p. 202.)

The original was not available.

Hoppe, D.H. 1789.

(Anemone Pulsatilla).

Flor. Germ., p. 97; Hayne, Darst. und Beschr. der Arzn., v. 1, t. 22.)

The original was not available.

Krocker, A.J. 1790.

(Anemone Protensis).

Flora Silesiaca Renovata, 2 ed., v. 1, p. 15; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Sowerby, J. & Smith, J.E. 1790.

(Anemone Pulsatilla).

English Botany, v. 1, t. 51; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Hoffman, G.F. 1791.

(Anemone Pulsatilla).

Ejusdem Deutschl. Fl., p. 190; (Willdenow, Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1274; Hayne, Darst. und Beschr. der Arzn., v. 1, t. 22.)

The original was not available.

Hoffman, G.F.

1791.

(Anemone Pulsatilla).

Deutschlands Flora, v. 8, pt. 1, p. 190; (Hayne, Darst. und Beschr. der Arzn., t. 22.)

The original was not available.

Flench, J.J.

1792.

(Anemone Protensis).

Icones Plantarum Medicinalium, v. 5, t. 454; (Index Londinensis, v. 1, p. 202; Kunth, Anleitung sur Kenestynifs Pharm. Boruss., p. 322.)

The original was not available.

Sprengel, C.K.

1793.

(Anemone Protensis).

Bau und in der Befruchtung der Blumen, t. 15, fig. 30, 31, & 33; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Oskamp, D.

1796.

(Anemone Pulsatilla).

Afbeeldung Artseny-Gerwassen, v. 1, t. 76; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Lamarck, C.

1797.

(*Anemone Pulsatilla*).

Flora Francoise, v. 3, p. 908; (Index Londinensis, v. 1, p. 202)

Gives botanical classification, description, and properties of the plant.

Willdenow, C.L.

1799.

Anemone.

Linne Species Plantarum, 4 ed., v. 2, pt. 2, p. 1272.

Gives botanical classification, a description of several species of *Anemone* including *Anemone Patens*, *Anemone Pulsatilla*, *Anemone Pratensis*, and *Anemone Nemorosa*, with references to botanical synonyms.

Oscamp, D.

1800.

(*Anemone Protensis*).

Afbeelding Artseny-Gewassen., v. 4, t. 399; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Drevest, N. & Hayne, F.G.

1801.

(*Anemone Pulsatilla*).

Botanisches Bilderbuch, v. 5, t. 9; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Dreves, T. & Hayne, F.G. 1801.

(Anemone Protensis).

Botanisches Bilderbuch, v. 5, t. 10; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Quincy, J. 1802.

Anemone.

Medicinal Dictionary, 1 ed., p. 43; (Lloyds, Drugs and Med. of N. Am., v. 1, p. 25.)

A genus in Linnaeus' botany consisting of 28 species, including the Pasque-Flowers.

Vietz, F.B. 1803.

(Anemone Protensis).

Icones Plantarum Medico Vechnologicarum, v. 2, t. 195; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Boissieur, C.V. 1805.

(Anemone Protensis).

Flore Europaea, v. 2, t. 375; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Hayne, F.G.

1805.

Anemone Protensis.

Getreue Darstellung Arzneikunde Gewachse, v. 1, t. 23; (Index Londinensis, v. 1, p. 202; Offis. Gewash. der Pharm. Boruss., (1834), p. 322.)

Gives botanical classification and description of the plant.

Hayne, F.G.

1805.

Anemone Pulsatilla.

Getreue Darstellung Arzneikunde Gewachse, v. 1, t. 22; (Index Londinensis, v. 1, p. 202.)

Gives botanical description and classification of the plant and mentions its simarity to *Protensis*.

1807.

(*Anemone Pulsatilla*).

Svensk. Botanisk Tedskrift, v. 5, t. 292; (index Londinensis, v. 1, p. 202.)

The original was not available.

1807.

(*Anemone Protensis*).

Svensk. Botanisk Tedskrift, v. 5, t. 292; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Roques, J.

1807.

(Anemone Pulsatilla).

Plantes Usuelles Indigenes & Exotiques, v. 1, t. 40; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Joume St.-Hilaire, J.H.

1808.

(Anemone Pulsatilla).

Plantes de la France, v. 1, t. 33; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Schruhr, C.

1808.

Botanisches Handbuch, 2 ed., t. 150; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Funke, J.

1809.

Rachtrag zur Vorstehenden Untersucheing, (Chemische Zerlegung der Brustalantwurgel Inila Helenuim.)

Jour. de Pharm. et de Chimie, S. 1, v. 18, p. 93; (Ibid., v. 2, p. 369.)

Makes a comparison between the principle obtained from the plant and that which has been obtained from Anemone Protensis by Grossmann & Heyer.

Woodville, W.

1810.

Anemone Protensis.

Medical Botany, 2 ed., v. 3, p. 468; (Index Londinensis, v. 1, p. 202.)

Gives the botanical classification, description, and Medicinal properties of the plant, with a full size colored illustration.

Liboschitz, J. & Trinius, C.

1811.

(*Anemone Pulsatilla*).

Flore des Environs de St. Petersbourg et de Moscou, v. 1, p. 1; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Thornton, R.J.

1812.

(*Anemone Pulsatilla*).

British Flora, v. 4, p. 73; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Vigneux, A.

1812.

(*Anemone Pulsatilla*).

Flore Pittoresque Environs Paris, t. 33; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Pursh, F.

1814.

Clematis Hirsutissima, v. 2, p. 385; (Lloyds, Drugs & Med. of N.Am., v. 1, p. 34.)

Gives botanical description, habitat of the plant, and mentions its close resemblance to *Anemone Pulsatilla*.

Chaumeton, F.P.

1815.

(*Anemone Protensis*).

Flore Medicale, v. 1, t. 25; (*Index Londinensis*, v. 1, p. 202.)

The original was not available.

Fratinick, L.

1816.

(*Anemone Pulsatilla*).

Flora Oestereichischen Kaiserthumes, v. 1, t. 89; (*Index Londinensis*, v. 1, p. 202.)

The original was not available.

Poiret, J.L.

1817.

(*Clematis Hirsutissima*-Purch).

Encyclopedie Methodique Botanique, v. 5, p. 623; (Lloyds, Drugs & Med. of N.Am., v. 1, p. 34.)

The original was not available.

Viltz, F.B. 1817.

(Anemone Pulsatilla).

Icones Plantarum Medico-Oeconomico-Technologicarum, v. 4, t. 283; (Index Londinensis, v. 1, p. 202.)

The original was not available.

DeCandolle, A.P. 1818.

(Clematis Hirsutissima Pursh).

Systema Naturale Regni Vegetabilis, v. 1, p. 155; (Lloyds, Drug & Med. of N. Am., v. 1, p. 34.)

The original was not available.

Hernbstadt, S.F. 1818.

(Anemone).

Allgem. Tozikologie oder Gifthunde, p. ---; (Pharm Rundsch., v. 2, p. 98.)

The original was not available.

Nuttall, T. 1818.

Anemone Ludovicina.

Genera of N. Am. Plants, v. 2, p. 20; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 34.)

Gives habitat and botanical description of the plant, and mentions several closely related species.

Hand, W.M.

1820.

Anemoides Quinquifolia Persoon, and Anemoides
Virginiana Persoon.

House Surgeon & Physican, pp. 186, 187; (Lloyds, Drugs & Med.
of N. Am., v. 1, p. 25.)

Both of these plants are commonly called "Windflower".
Gives their therapeutic value.

Robert, ---.

1820.

Observations Sur L'Anemone Protensis.

Jour. de Pharm et de Chemie., v. 12, p. 229; (Trommsdorf, Reues
Journal der Pharm., v. 5, p. 365.)

Gives a review of the experimental work done in connection
with Anemone Protensis and its chief constituent Anemone.

Roues, J.

1821.

(Anemone Pulsatilla).

Phytographie Medicale, v. 2, t. 112; (Nouveau. Ed. Atlas.,
t. 90; Index Londinensis, v. 1, p. 202.)

The original was not available.

Roques, J.

1821.

(Anemone Protensis).

Phytographie Medicale, v. 2, t. 113; (Nouvelle Ed. Atlas., t.
91; Index Londinensis, v. 1, p. 202.)

The original was not available.

Heger, H.P.

1822.

(*Anemone Protensis*).

Herbarium Pharmaceuticum, t. 87; (Index Londinensis, v. 1, p. 202)

The original was not available.

Trommsdoff, J.B.

1822.

Amenonenkampher.

Almanach oder Taschenbuch, v. 43, p. 97.

Gives the synonyms, botanical origin, physical and chemical properties, of the drug.

Mann, J.G.

1823.

(*Anemone Pulsatilla*).

Deutsch. Wildwachs Arznei-Pflanzen, t. 14; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Loddiges, C.

1824.

(*Anemone Protensis*).

Botanical Cabinet, v. 9, t. 900; (Index Londinensis, v. 1, p. 202)

The original was not available.

Dierbach, J.H.

1825.

Vorwort zu Schwartz.

Magaz. fur Pharm., v. 10, p. 188; (Annal. der Physik., v. 46, p. 45; Arch. der Pharm., v. 230, p. 183.)

A preface to Schwartz's article on the chemistry of *Anemone Nemorosa*, with special reference to its distribution and historical bibliography. It is mentioned in the writings of Theroprastus and some Roman writers.

Morris, R,

1825.

(*Anemone Pulsatilla*).

Flora Conspicua, t. 6,; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Nuttall, T.

1825.

(*Anemone Nuttalliana*).

Jour. Phil. Acad. Nat. Sci., S. 1, v. 5, p. 158; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 34.)

(Observations on a species of *Anemone* of the section *Pulsatilla* with an engraving of the plant, but much too large and coarse.)

Schwarz, J.

1825.

Chemische Versuche mit *Anemone Nemorosa*.

Magaz. fur Pharm., v. 10, p. 195; (Annal der Physik., v. 46, p. 45; Fann. der Pharm., v. 32, p. 276; U.S. Dispens., 17 ed., p. 1115; Husemann & Hilger, Die Pflanzenstoffe, 2 ed., v. 1, p. 603.)

A chemical analysis of *Anemone*, especially *Anemone Nemorosa*, with numerous miscellaneous chemical tests.

Sprengel, K.

1825.

Pulsatilla Tourn.

Linne's Vegetabilium, 16 ed., v. 2, p. 663; (Lloyd's, Drugs & Med. of N. Am., v. 1, p. 34.)

Gives a botanical description of Pulsatilla Vulgaris, Pulsatilla Protensis, Pulsatilla Patem, and Pulsatilla Nutalliana.

Sturm, J.

1826.

(Anemone).

Deutschland's Flora, p. 46, T. 721, 722, 723; (Ibid, p. 20, T. 1356, 1357; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Heger, ---.

1827.

(Anemone Pulsatilla).

Giftpflanzen, p. 16; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Heger, ---.

1827.

(Anemone Protensis).

Giftpflanzen, p. 18; (Index Londinensis, v. 1, p. 202.)

The original was not available.

(Rofinesque, C.S.)

1827.

The School of Flora.

The Casket of Flowers of Literature Wit Sentiment, no. 9, pp. 356; (Fitzpatrick, Rofinesque, p. 134.)

(Describes *Anemone Nemorosa* n. 24, and gives a cut on page 355.)

(Rofinesque, C.S.)

1827.

The School of Flora.

The Sat. Eve. Post, v. 6, no. 323, p. 4; (Fitzpatrick, Rofinesque, p. 140.)

(Describes *Anemone Nemorosa* and gives a figure no. 24.)

Ramm, ---.

1827.

Emploi De L'Extrait De Pulsatilla Dans La Coqueluche.

Archw. Gen. de Med., v. 16, p. 607; (Griffith's Med. Bot., p. 80.)

States that in small doses the extract is successful in Whooping Cough.

Schwarz, J.

1827.

Weitere Untersuchung der *Anemone Nemorosa* Linne in Chemischer Hinsicht, vorgenommen in April, May, June.

Magaz, der Pharm., v. 19, p. 167; (Annul. der Physik, v. 46, p. 45; Ann. der Pharm., v. 32, p. 276; U.S. Dispens., 17 ed., p. 1115)

Gives the position of *Anemone Nemorosa* in Linne's classification and a review of the previous chemistry of the plant, and his own conclusion from his work on the plant.

Nees Von Esenbeck, T.F.

1828.

Anemone Protensis.

Plantae Medicinales, v. 2, plate 392; (*Index Londinensis*, v. 1, p. 202.)

Gives a colored illustration with a general account of the plant.

Nees Von Esenbeck, T.F.

1828.

Anemone Pulsatilla Linne.

Plantae Medicinales, v. 2, plate 391; (*Index Londinensis*, v. 1, p. 202.)

Gives a colored illustration with general account of the plant.

Torrey, J.

1828.

Anemone Leudovisiana Nutt.

Annals of Lyceum of Natural History, v. 2, p. 163; (*Lloyds, Drugs & Med. of N. AM.*, v. 1, p. 340.)

Gives name and habitat only.

Eaton, A.

1829.

Anemone Ludoviciana.

Man. of Bot. for Northern & Middle States, 5 ed., p. 108; (*Ibid.*, 6 ed., p. 21; *Lloyds, Drug & Med. of N. Am.*, v. 1, p. 34.)

Gives a botanical description of the plant.

Rofinesque, C.S.

1830.

Anemone Virginica Linne.

Medical Botany, v. 2, p. 192; (Lloyds, Drug & Med. of N. Am.,
v. 1, p. 25.)

The seeds dipped in alcohol are used in odontalgia, being
put in hollow teeth.

Schlectendal, D.F.L. & Guimpel, F.

1830.

Anemone Protensis.

Abbildung und Beschreibung aller in der Pharmacopoea Borussica
Aufgeführten Gewächse, v. 1, t. 68; (Index Londinensis, v. 1,
p. 202.)

The original was not available.

Don, G.

1831.

Anemone.

Dichlamydeous Plants, v. 1, p. 16; (Lloyds, Drug & Med. of N. Am.,
v. 1, p. 34.)

Gives habitat and botanical description of several species
of *Anemone*, including *Pulsatilla*, *Patens*, and *Protensis*.

Nees Von Esenbeck, T.F.

1832.

Anemone, *Kuchenschelle*.

Plantae Officinales, v. 3, p. 481; (Index Londinensis, v. 1, p. 202)

Gives brief description of the *Anemone* family and the
habitat; constituents of *Anemone Pulsatilla*, and *Anemone*
Protensis.

Knuth, K.S. 1834.

Anemone.

Anleitung zur Kenntnifs Pharmacopoea Borussica Officinellem
Gewachse, p. 322.

Gives a botanical description and habitat of *Anemone
Pretensis*, and a brief description of *Anemone Pulsatilla*.

Nuttall, T. 1834.

(*Anemone Nuttalliana*).

Jour. Phil. Acad. Nat. Sci., S. 1, v. 7, p. 7; (Lloyds, Drugs
& Med. of N. Am., v. 1, p. 34.)

(Catalogue of collection of plants made by N.B. Wyeth, in
the valleys of the Rocky Mountains, includes the above species)

Heger, ---. 1835.

(*Anemone Pulsatilla*).

Danske Oeconomica, pl. 3, t. 196; (Index Londinensis, v. 1, p. 202)

The original was not available.

Miguel, F.A.W. 1836.

(*Anemone Pulsatilla*).

De Nord-Nederlandsche Vergiftige Gewassen, T. 26; (Index Londin-
ensis, v. 1, p. 202.)

The original was not available.

Hooper, R.

1838.

Anemone.

Medical Dictionary, 13 ed., p. 66; (Lloyds, Drugs & Med, of N. Am., v. 1, p. 25.)

Mentions Anemone Nemorosa and Anemone Protensis and gives their medicinal virtues. Anemone Nemorosa is used by the inhabitants of Kamskatka to poison their arrows.

Lindley, J.

1838.

Anemone.

Flora Medica, p. 2; (Index Londinensis, v. 1, p. 202.)

Gives botanical description and medicinal properties of Anemone Pulsatilla and Anemone Protensis.

Torrey, J.S. & Gray, A.

1838.

Anemone Patens Linne.

Flora of North America, v. 1, p. 11; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 34.)

Gives habitat and botanical description of plant. It appears to be identical with the European plant.

Lowig, C. & Willdmann, S.

1839.

Ueber das Anemone.

Ann. der Physik., v. 46, p. 45; (Prakt. Pharm., v. 22, p. 339; Bull. Soc. Chem., v. 47, p. 683; Ann. der Pharm., v. 32, p. 276; Ibid., v. 38, p. 278; Arch. der pharm., v. 230, p. 189; Heisemann, & Hilger, Die Pflanzenstoffe, 2 ed., v. 1, p. 604.)

Anemone is rapidly changed by the action of alkaline solution into Anemonic acid, and by this change the acridity of the Anemone is destroyed.

Eaton, A. & Wright, J.

1840.

Anemone.

N. Am. Bot., 8 ed., p. 126; (Lloyds, Drugs and Med. of N. Am., v. 1, p. 34.)

Gives habitat and description of several species of Anemone including Nemorosa.

Jacksos, M.E.

1840.

(Anemone Pulsatilla).

Pictorial Flora, fig. 830; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Jourdan, A.J.L.

1840.

Anemone.

Pharmacopee Universelle, v. 1, p. 247; (Lloyds, Drugs & Med. of N. A., v. 1, p. 25.)

Gives botanical description and synonyms of Anemone Nemorosa, Anemone Pulsatilla, Anemone Protensis, and mentions several pharmaceutical preparations of each.

1841.

(Anemone Pulsatilla).

Linnaea, v. 15, t. 3; (Index Londinensis, v. 1, p. 202.)

The original was not available.

1841.

(Anemone Potens).

Linnaea, v. 15, p. 576. t. 2; (Index Londinensis, v. 1, p. 202.)

The original was not available.

1841.

(Anemone Protensis).

Linnaea, v. 15, p. 599. t. 4; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Fehling, H.

1841.

Zusammensetzung des Anemonius.

Ann. der Chemie und Pharm., v. 38, p. 278; (Prakt. Pharm., v. 22, p. 339; Archw. Pharm., v. 230, p. 190; Husemann, & Helger, Die Pflanzenstoffe, 2 ed., v. 1, p. 603.)

Gives the chemical and physical properties of Anemonin, its preparation, and a review of the experimental and analytical work done.

Rabenhorst, C.

1841.

Ueber Extractum Pulsatille.

Archw. der Pharm., v. 77, p. 93; (Ibid., v. 230, p. 183; Husemann & Helger, Die Pflanzenstoffe, 2 ed., v. 1, p. 603.)

Gives method of preparation of the extract and isolation of Anemonin. Sugar of milk is used in preparation of the extract.

Sowerby, C.E.

1841.

(*Anemone Pulsatilla*).

The Illustrated Catalogue of British Plants, fig. 7; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Dietrich, D. N. F.

1843.

(*Anemone Nuttalliana*).

Synopsis Plantarum, v. 3, p. 331; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 34.)

The original was not available.

Torrey, J.

1843.

(*Anemone Potens* Linne).

Nicollet's Report on the Upper Mississippi Basin, p. 144; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 34.)

The original was not available.

Deahin, R.

1845.

(*Anemone Pulsatilla*).

Florigraphia Britannica, v. 2, fig. 888; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Duchesne, E.A.

1846.

(Anemone Pulsatilla).

Repertoire des Plantes Utiles, t. 77; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Wood, A.

1846.

Anemone.

A Classbook of Botany, 41 ed., p. 139.

Gives habitat and botanical description of eight species of Anemone.

Cassone, F.

1847.

(Anemone Pulsatilla).

Flore Medicale Formaceutica, v. 1, t. 2; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Cassone, F.

1847.

Flore Medicale Farmaceutica, v. 1, p. 3; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Griffith, R.E.

1847.

Anemone.

Medical Botany, p. 80; (Pharm. Rund., v. 2, p. 98.)

Gives botanical description of the Anemones, mentioning the following species, Pulsatilla, Protensis, Patens, and Cernua, giving their therapeutic value.

Gray, A.

1847.

Pulsatilla.

Genera of the Plants of U.S., v. 1, p. 17; (Lloyds, Drugs & Med. of the N. Am., v. 1, p. 34.)

Illustrated with a lithograph (plate 3) of the flowering plant, and dissections of the flower and fruit. Gives botanical description, classification, properties, and geographic distribution of the plant.

Gray, A.

1848.

The Anemone Tribe.

Man. Bot. N. U.S., 1 ed., p. 5; (Ibid., 2 ed., p. 4; Ibid, 5 ed., p. 36.)

Gives habitat and description of Pulsatilla and eight other species of Anemone.

Gray, A.

1848.

(Pulsatilla Patens).

An Account of the Collection of Plants made by A. Fendler, in the vicinity of Santa Fe, New Mexico, p. 4; (Llods, Drugs & Med. of N. Am., v. 1, p. 34.)

The original was not available.

Lee, C.A.

1848.

Anemone Nemorosa.

Medicinal Plants of N.Y., p. 3; (Lloyds, Drugs & Med. of N. Am.,
v. 1, p. 34.)

Gives the medicinal properties of the plant and mentions
its use in ointments and decoctions.

Strong, A.B.

1848.

(*Anemone Protensis*).

American Flora, v. 1, p. 59; (Index Londinensis, v. 1, p. 202.)

The original was not available,

Petermann, W.H.

1849.

(*Anemone Protensis*).

Deutschlands Flora, t. 1, fig. 5; (Index Londinensis, v. 1, p. 202)

The original was not available.

Porcher, E.P.

1849.

(*Anemone Nemorosa*).

Med. Plants of S. Carolina; (Lloyds, Drugs & Med. of N. Am.,
v. 1, p. 34; Translations of Am. Med. Assoc., v. 12, p. 684;)

Gives habitat, constituents, and medicinal properties.

Clapp, A.

1850.

Anemone Nemorosa.

Synopsis of the Medicinal Plants of U.S., p. 33; (Trans. A. Med. Assoc., p. 689; Lloyds, Drugs & Med. of N. Am., v. 1, p. 33; Millspaugh, Am. Med. Plants, v. 2, p. 27.)

Gives synonyms, habitat, and medicinal properties of the plant.

Miller, J.

1850.

Ueber Anemonin.

Archw. der Pharm., v. 113, p. 1; (Ibid., v. 230, p. 184; Chem. Pharm. Central Blott., v. 21, p. 618; Monatsh. f. Chemie, v. 17, p. 283.)

Gives chemical and physical properties of Anemone, the active principle of Pulsatilla, Protensis, and Anemone Nemorosa, the method of obtaining it, and a review of the experimental work and chemistry.

1852.

(Anemone Pulsatilla).

Cottage Gardner, v. 8, p. 107; (Index Londinensis, v. 1, p. 202)

The original was not available.

Clapp, A.

1852.

Anemone Protensis,

Synopsis of the Med. Plants of U.S., p. 33; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 33; Millspaugh, Am. Med. Plants, v. 2, p. 27.)

Gives habitat and properties of the plant.

King, J. & Newton, R.S.

1852.

Anemone Nemorosa.

Eclect. Dispens., p. 65; (Pharm. Rundt., v. 2, p. 98.)

Gives the history and habitat of the plant; also mentions Anemone Pulsatilla, Anemone Protensis, and Anemone Patens. Gives the properties and uses of these plants.

Hamilton, E.

1853.

(Anemone Protensis).

Flora Homoeopathensis, v. 2, t. 48; (Index Londinensis, v. 1, p. 202.)

The original was not available.

1855.

(Anemone Patens).

Bot. Notiser., t. 1; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Pliny, C.

1856.

Ten Remedies Derived from the Anemone or Phenion.

Nat. Hist., (English Translation), v. 4, p. 379; (Gray, Man. Bot. N. U.S., 5 ed., p. 36.)

The Anemone used for medicinal purposes is spoken of as "phrenion"; the medicinal properties and description of several wild varieties and cultivated Anemones are given.

Pliny, C.

1856.

The Succession in which Flowers Blossom.

Nat. Hist., v. 4, p. 386; (Gray, Man. of Bot. N. U.S., 5 ed., p. 35.)

Gives time of flowering of "Limonia" or Meadow Anemone.

Erdmann, O.L.

1858.

Ueber den Scharfen Stoffe von Ranunculus Sceleratus.

Jour. f. Praht. Chimie., v. 75, p. 209; (Vierteljahrsch. Pharm., p. 53; Praht. Pharm., v. 22, p. 339; Husemann, & Helger, Die Pflanzenstoffe, 2 ed., v. 1, p. 603.)

An account of Anemone, its extraction of Pulsatilla, its properties, and effects.

Johnsos, C.P. & Sowerby, J.E.

1858.

(Anemone Pulsatilla).

Brit. Wild Flowers., fig. 6; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Gray, A.

1860.

(Pulsatilla Patens Mill).

Pacific Railway Survey, v. 12, pt. 2, p. 40; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 34.)

Gives name and habitat only.

Berg, O.K. 1861.

(Anemone Pratensis).

Charakteristik der für die Arzneikunde und Technik etc., t. 96,
fig. 617, A*J; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Johnson, C.P. & Sowerly, J.E. 1861.

(Anemone Pulsatilla).

Useful Plants of Great Britan, t. 1, fig. 2; (Index Londinensis,
v. 1, p. 202.)

The original was not available.

Argenta, V.M. 1862.

(Anemone Pulsatilla).

Album Flora Medica Farmaceutica, v. 1, t. 5; (Index Londinensis,
v. 1, p. 202.)

The original was not available.

Artus, W. 1862.

Anemone Pratensis.

Atlas Aller in den Neuesten Pharmacopoen Deutschlands Aufgenom-
menen Officinellen Gewachse, t. 2; (Index Londinensis, v. 1, p.
202.)

The original was not available.

Deiaisne, J.S. & Naud, C. 1862.

(Anemone Pulsatilla).

Manuel de L'Amateur des Jardens, v. 2, p. 317; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Gary, A. 1862.

Pulsatilla Nuttalliana.

Am. Jour. Sci., S. 2, v. 33, p. 242; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 34.)

Gives name and habitit anly.

Miller, A.W. 1862.

On Anemone Ludoviciana.

Am. Jour. Pharm., v. 34, p. 274, 300; (Pharm. Jour., v. 38, p. 446; Pharm. Rundts., v. 2, p. 99.)

In an inaugural essay presented to the Philadelphia College of Pharmacy, the botanical classification, a detailed description of the plant, its habitat, and time of flowering of the plant is given; also gives the result of several experiments by H.G. Miller, of St. Paul.

Peters, J.C. 1862.

(On Pulsatilla).

Am. Med. Monthly, v. ---, p. ---; (Jour. of Mat. Med., v. 4, p. 19-23.)

(A discussion of the therapeutic properties of Pulsatilla in treatment of diseases of the eye, ear, and stomach.)

Syme, J.T.

1863.

(Anemone Pulsatilla).

English Botany, v. 1, p. 9; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Bentham, G.

1865.

Anemone Pulsatilla.

Handbook of British Flora, v. 1, fig. 7, p. 7; (Index Londinensis, v. 1, p. 202.)

Gives botanical description, habitat, distribution, and a figure of the plant.

Dobraschinky, M.

1875.

Preparation de L'Anemonie.

Jour. de Pharm., v. 80, p. 319; (Drugg. Circ., v. 10, p. 89; Proc. Am. Pharm. Assoc., v. 14, p. 157; U.S. Dispens., 13 ed., p. 1532; Arch der Pharm., v. 230, p. 184; Husemann & Hilger, Die Pflanzenstoffe, 1 ed., p. 604.)

The active principle of several species of Anemone has been obtained in crystals and the process described.

1865.

(Anemone Patens).

U.S. Med. & Surg. Jour., v. ---, p. 65; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 33.)

The original was not available.

1865.

(Anemone Patens).

Medical Investigation, v. ---, p. ---; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 33.)

The original was not available.

1865.

(Anemone Patens).

Medical Investigation, v. ---, p. ---; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 33.)

The original was not available.

1866.

(Anemone Patens).

U.S. Med. & Surv. Jour., v. ---, p. ---; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 33.)

The original was not available.

Migout, A.

1866.

(Anemone Pulsatilla).

Flore du Department de L'Allier, t. 1; (Index Londinensis, v. 1, p. 202.)

The original was not available.

1867.

(Anemone Patens).

Trans. Am. Inst. Homoeopathy, v. ---, p. ---; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 33.)

The original was not available.

Peters, J.C.

1867.

Anemone.

Boston Med. & Surg. Jour., v. 77, p. 77; (U.S. Dispens., 13 ed., p. 1532.)

Pulsatilla in large doses, causes profuse perspiration.

Schoonbrnoot, L.

1867.

Ueber den Einfluss des Trockens Auf die Wirksamen Bestandtheile der Pflanzen.

Jour. de Med. de Bruselles, v. 45, p. ---; (Vierteljahresschr. fur. Prakt. Pharm., v. 18, p. 83.)

The leaves of Anemone Pulsatilla, collected in April, yield fresh, but not dried, Anemonin, little amorphous alcohol, and a yellow, very acrid resinous matter.

Les Maout, E. & Decaisne, J.

1868.

(Anemone Pulsatilla).

Traite Generale de Botanique, v. ---, p. ---; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Hogg, R.S. & Johnson, G.W. 1869.

(Anemone Pulsatilla).

Wild Flowers of Great Britain, v. 5, t. 339; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Lawson, G. 1869.

(Pulsatilla Patens Linne).

Ranunculaceae of the Dominion of Canada, p. 22; (Lloyds, Drugs & Med., v. 1, p. 34.)

The original was not available.

Lee, C.A. 1870.

(Pulsatilla).

Jour. of Mat. Med., v. 9, p. 367; (Lloyds, Drugs & Med. of N. Am., v. 1, p. 33.)

There is but one North American Species of Pasque Flower, so named because the plant is in flower at Easter.

Reveil, O. 1870.

Pulsatilla.

Regne. Veg., v. 9, p. 145, t. 10, pl. 14; (Index Londinensis, v. 1, p. 202.)

Gives botanical classification, habitat, part used, chemical composition, and the use of Anemone Pulsatilla. A colored plate of the plant is also shown.

Wood, A.

1870.

Anemone Linne.

The American Botanist and Florist, p. 17; (Lloyds, Drugs and Med. of N. Am., v. 1, p. 34.)

Gives botanical description of thirteen species of Anemone.

Lee, C.A.

1871.

Anemone.

Jour. of Mat. Med., v. 10, p. 143; (Lloyds, Drugs and Med. of N. Am., v. 1, p. 33.)

Gives constituents, habitat, and medicinal properties of Anemone.

Miller, T.

1871.

Practical Notes.

Jour. of Mat. Med., v. 10, p. 224.

Pulsatilla in diseases of the female organs of generation is a very old remedy.

Buckheim, R.

1873.

Herba Pulsatillae.

Vierteljahrschr. Pharm., v. 22, p. 339; (Proc. Am. Pharm. Assoc. v. 22, p. 126.)

No yellow crystalline byproduct was observed when Anemonin was treated with dilute alkaline Solution and converted into anemonic acid.

Decaisne, J. & Naud, C.

1873.

(Anemone Pulsatilla).

Trees, Shrubs, and Herbs, pl. 9; (Index Londinensis, v. 1, p. 202)

The original was not available.

Miller, F.E.

1873.

Anemone Ludoviciana.

Am. Jour. Pharm., v. 45, p. 184, 298; (Proc. Am. Pharm. Assoc., v. 22, p. 127; Pharm. Rundts., v. 2, p. 99.)

In a thesis of the Philadelphia College of Pharmacy a more thorough research on a large quantity of the drug, determined its constituents and therapeutical value. The plant has been used successfully by Dr. Miller of St. Paul.

Pratt, A.

1873.

Flowering Plants, Grasses Hedges, and Ferns.

Flowering Plants of Great Britan, v. 1, 3 ed., t. 3; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Dunlison, R.J.

1874.

Anemone.

Medicinal Dictionary, 2 ed., p. 72; (Lloyds, Drugs and Med of N. Am., v. 1, p. 25.)

Mentions several species of Anemone and gives the properties of each.

Porter, A.C. & Coulter, J.M.

1874.

Anemone Patens Linne variety *Nuttalliana* Gray.

Synopsis of the Flora of Colorado, v. 1, p. 2; (Lloyds, Drugs and Med. of N. Am., v. 1, p. 34.)

Gives the name and habitat only.

Allen, T.F.

1878.

Pulsatilla Nuttalliana.

Encyclopedia of Pure Materia Medica, v. 8, p. 242; (Lloyds, Drugs and Med. of N. Am., v. 1, p. 33.)

Gives the result obtained by use of this plant by several individuals.

Baillon, O.H.

1878.

Anemone Pulsatilla.

Dictionnaire Botanique, v. 1, p. 185, t. 4; (Index Londinensis, v. 1, p. 202.)

Gives a large colored chart of *Anemone Pulsatilla* and its parts, also shows its use as a homeopathic remedy.

Castle, L.T.

1878.

Hints on the Culture of some Official Plants.

New Commercial Plants and Drugs, no. 10, p. 45; (Am. Drugg., v. 16, p. 124.)

Pulsatilla succeeds in a light loamy soil on an open hill and also dry soil; may be increased by sub-division of the roots in Autumn or early spring, but preferably from seeds sown in August.

Meehan, T.

1878.

Anemone Pratensis, variety *Nuttalleana*.

Native Flowers, v. 1, p. 49; (Index Londinensis, v. 1, p. 202.)

Description, habitat, and properties of the plant are given; there is also a full size colored illustration of the plant.

DeSilvestri, A.

1879.

Anemone Pulsatilla.

Piante Prat., p. 312; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Hoffmann, C.

1881.

(*Anemone Pratensis*).

Pflanzenatlar, t. 45; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Meehan, T.

1881.

(*Anemone Patens* variety *Nuttalliana*).

Wayside Flora, t. 13; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Husemann, A. & Hilger, A.

1882.

Anemone.

Die Pflanzenstoffe, 2 ed., v. 1, p. 603; (Pharm. Rundsch., v. 2, p. 98.)

Gives a review of the work done on Anemones and the chemistry of Anemonin with abstracts by others.

Shapter, L.

1882.

(Herba Pulsatilla).

The Practitioner, p. 32; (Pharm. Jour., v. 42, p. 85.)

(Includes Anemone Pratensis and Anemone Pulsatilla, the former recommended by Storch under the name of Nigricans. Dr. Phillips attributes activity of the plant to Anemone. It is a sedative to the sympathetic nerve system. It also mentions Anemone Nemorosa.)

Wagner, H.

1882.

Anemone.

Illustrierte Deutsch Flora, 2 ed., p. 77; (Ibid., 3 ed., p. 256; Index Londinensis, v. 1, p. 202.)

Gives botanical description and illustrations of Anemone Pulsatilla and Anemone Pratensis.

Willkomm, M.

1882.

(Anemone Pratensis).

Fuhrer. in Reich. der Deutschen Pflanzen, t. 2, fig. 56; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Baillon, H.

1883.

(Anemone Pulsatilla).

Traite Botanisque Medicale et Pharmaceutique, v. 1, p. 490;
(Index Londinensis, v. 1, p. 202.)

The original was not available.

Lesacher, E & Mareschalz, A.A.

1883.

Nouvelle Botanique Medicale, v. 4, p. 7; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Robinson, W.

1883.

Anemone Pulsatilla.

The English Flower Garden, t. 20; (Ibid, 8 ed., p. 427; Index Londinensis, v. 1, p. 202.)

Gives a brief description of the plant, its habitat, and also a picture of the flower,

Sexton, Dr. S.

1883.

Earache in Children.

Med. Rec., v. 23. p. 480; (Western Drugg., v. 5, p. 160.)

In a paper read before the Practitioners Society of New York, Dr. Sexton recommends tincture of Pulsatilla in the treatment of earache in very young children.

Smith, A.A.

1883.

(Tincture of Pulsatilla).

N. Y. Med. Jour., v. 38, p. ---; (New Remedies, v. 12, p. 87.)

(Two minim doses of the tincture repeated every hour, are said to have been greater and more rapid relief of Orchitis and epididymitis, than any other mode of treatment.)

Sturgis, F.R.

1883.

Action of Pulsatilla in the Treatment of Gonorrhoeal Epididymitis.

Med. News., v. 42, p. 267; (Natl. Dispens., 5 ed., p. 1332.)

In an article read before the Materia Medica Society of New York City, a review of several cases that had been treated, concluded that Pulsatilla was a beneficial remedy.

Johnsos, L.

1884.

Anemone.

Medical Botany, of North America, p. 59.

Gives the description, habitat constituents, part used, preparations, medicinal properties, and uses of Pulsatilla and an illustration of Anemone Pratensis.

Lawson, H.M.

1884.

Treatment of Orchitis Mechanically and with Pulsatilla.

Therap. Gaz., v. 8, p. 271; (Pharm. New Mat. Med., no. 48, p. 1085.)

Complete recovery by the use of Pulsatilla was cited in two different cases of Orchitis and Epididymitis.

Lloyd, J.W. & Lloyd, C.G.

1884.

Anemone Patens.

Drugs and Medicines of North America, v. 1, p. 25; (Proc. Am. Pharm. Assoc., p. 149.)

Gives botanical analysis, description, history, characteristics, and constituents of the drug; also illustrations.

Lloyd, J.W. & Lloyd, C.G.

1884.

Anemone Nemorosa,

Drugs and Medicines of North America, v. 1, p. 21; (Proc. Am. Pharm. Assoc., v. 33, p. 149.)

Gives part used, description, allied species, characteristics, constituents, medical history, medical properties doses, and illustrations.

Lloyd, J.W. & Lloyd, C.G.

1884.

Beitrag Zur Pharmagognosie Nord-Americas.

Pharm. Rund., v. 2, p. 76; (Ibid., v. 2, p. 98; Ibid., v. 2, p. 147.)

Gives a lengthy account on the Ranunculaceae family. Several species of Anemone are described, including Anemone Nemorosa and Anemone Patens. Gives the habitat, history, chemistry, and illustration of Anemone Patens. (German Translation of Drugs and Med. of N. Am.)

Nicholson, G.

1884.

Anemone..

Ill. Dict. Gard., v. 1, p. 77; (Index Londinensis, v. 1, p. 202)

Gives description, habitat, and history of the Anemones, Pulsatilla, Patens, and Pratensis, and an illustration of Anemone Pulsatilla.

Baillon, H. 1885.

(Anemone Pulsatilla):

Icones Flora Francais, v. 3, t. 278; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Brovenski, M. 1887.

(Pulsatilla).

Med. Press, v. ---, p. ---; (Ther. Gaz., v. 11, p. 770; U.S. Dispens., 17 ed., p. 1115; Pharm. of N.Y. Mat. Med., no. 48, p. 1085.)

(Anemone acts as a parolyzant upon both the heart and respiratory centers, and is useful in bronchitis, convulsive coughs and asthma.)

Hughes, R. 1886.

(Pulsatilla).

A Manuel of Pharmacodynamics, p. ---; (Chem. & Drugg., v. 95, p. 813.)

(Its fullest powers are displayed in the female organisms.)

1887.

(Anemone Patens).

Garden, v. 32, p. 466; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Camus, E.G.

1887.

Note Sur Les Anemones.

Jour. de Botanique, v. 1, p. 204, t. 2; (Index Londinensis, v. 1, p. 202.)

Specifies three species of Anemone; Pulsatilla Vulgaris, Pulsatilla Pratensis, Pulsatilla Montana and gives their description and habitat; also shows a colored plate of Anemone Pulsatilla.

Harriot, F.H.

1887.

Sur L'Anemonine.

Jour. de Pharm. et de Chemie, v. 125, p. 36, 103; (Arch. der Pharm., v. 230, p. 205; Bull. Soc. Chim., v. 47, p. 683; Jour. Chem. Soc., v. 52, p. 843; U.S. Dispens., 17 ed., p. 1115.)

A careful study of Anemonin has been made and its chemical and physical properties have been determined.

Millspaugh, C.F.

1887.

Anemone Patens variety Nuttalleana.

American Medicinal Plants, t. 1; (Index Londinensis, v. 1, p. 202)

Gives a colored plate of the plant, its botanical description, history, habitat, chemical constituents, and physiological action, also a bibliography in the appendix of volume two.

Smith, G.

1887.

Pulsatilla in inflamed Testicle.

Am. Drugg., v. 16, p. 63.

Urges the use of the drug in the inflammatory states of the testicle, epididymis, and spermatic cord.

Smith, G.

1887.

Pulsatilla in acute Orchitic.

Brit. Med. Jour., v. 1, p. 111; (Pharm. Jour., v. 46, p. 608.)

Pulsatilla is spoken of as a valuable remedy in acute Orchitis and Eysisisumiles, giving rapid relief.

Vigier, P.

1887.

De L'Anemone Pulsatilla et de ses Preparations Pharmaceutiques DE L'Anemonine.

Jour. de Pharm., v. ---, p. 99; (Pharm. Jour., v. 47, p. 171; Chem. & Drugg., v. 30, p. 690; Gaz. Hebdom., May 27, & June 3; Am. Jour. Pharm., v. 59, p. 352; Proc. Am. Pharm. Assoc., v. 35, p. 147.)

Gives properties, uses, dosage, and preparations of Pulsatilla.

1888.

(Anemone Pulsatilla).

Semperoriens, v. 17, p. 93; (Index Londinensis, v. 1, p. 202.)

The original was not available.

1888.

(Anemone Pulsatilla).

Rone Horticulture Belge., v. 14, p. 175; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Brondgeest, P.Q.

1888.

(Anemonin).

Mederl. Tijdschr. voor Geneeskd., v. ---, p. 131; (Merck's Report, v. 2, p. 64; Pharm. Rund., v. 10, p. 268.)

(Anemonin is the active principle of Pulsatilla. The indications for the administrations of Anemonin are: Pertussia, Bronchitis, and Asthma.)

Murray, J.A.H.

1888.

Anemone.

New English Dictionary on Historical Principles; (Pharm. Rec., v. 6, p. 247.)

Anemone is a literal transcription of a Greek word signifying "Daughter of the Wind".

Anderson, F.W.

1889.

Indian Snuff.

Bot. Gaz., v. 14, p. 229; (West. Drugg., v. 11, p. 442.)

Indian Snuff consists of leaves of Anemone Cylindrica, and Anemone Multifida, and is employed as a sternutatory by the American Indians.

Carter, R.H.

1889.

Pulsatilla in Epididymitis.

Lancet., v. 67, p. 216; (Pharm. New Mat. Med., no. 48, p. 1088; Chem. and Drugg., v. 35, p. 602.)

The tincture has been used in treating a number of patients suffering from Gonorrhoeal Epididymitis and reports that it is not even a useful adjunct in the treatment of the disorder.

Dujardin, V., Beaumetz, G. & Egasse, E.

1889.

(Anemone Pulsatilla).

Plantes Medicinales, v. 5, p. 3; (Index Londinensis, v. 1, p. 202)

The original was not available.

1890.

(Anemone Pulsatilla).

Revue Hort. Belge., v. ---, p. 545; (Index Londinensis, v. 1, p. 202.)

The original was not available.

1890.

Anemone Pulsatilla.

Chem. & Drugg., v. 37, p. 278; (Am. Drugg., v. 19, p. 223.)

Gives habitat, uses, method and time of collection of the drug.

1890.

Neuere Arzneimittel.

Pharm. Zeit., v. 35, p. 92; (Pharm. Rund., v. 8, p. 71.)

Anemonin the active principle in Anemone Pulsatilla acts on the nervous system and is being used in the treatment of Whooping Cough, Asthme, and Bronchitis.

Baillon, H.

1891.

Pulsatilla.

Dictionary de Botanique, v. 3, p. 664; (Index Londinensis, v. 1, p. 202.)

Gives the technical description and an illustration of the plant.

Davis, G.S.

1891.

Anemone Pulsatilla Linne.

Pharmacol. Newer Mat. Med., pt. 13, p. 1805.

Gives the botanical classification, description, chemical and physiological action, and the therapeutic properties of Pulsatilla.

Dupuy, ---.

1891.

Uses of Anemonin.

Chem. & Drugg., v. 39, p. 884.

Anemonin, the active principle of wood anemone, is a medicine of great value in the treatment of chronic bronchitis and coughs, and is of benefit as an emenagogue.

1892.

(Anemone Pratens).

Jour. Hort., S. 3, v. 24, p. 377; (Index Londinensis, v. 1, p. 202)

The original was not available.

Beckurts, H.

1892.

Beitrage Zur Kenntrnis des Anemonins.

Archw. de Pharm., v. 230, p. 182; (Pharm. Jour., v. 51, p. 1005; Proc. Am. Pharm. Assoc., v. 40, p. 716; Ibid., v. 41, p. 827; Jahresb. der Pharm., v. 31, p. 509; Monatsh. f. Chemie, v. 17, p. 283; Am. Jour. Pharm., v. 64, p. 372; Pharm. Runds., v. 10, p. 168.)

The acrid constituents are called Anemone Camphor, which yeilds Anemonic and Iso-Anemonic acids, and some minor decomposition products. Properties and formulas of the acids are also given.

Hilbing, H.

1892.

New Non-Synthetual Remedies.

The Brit. & Col. Drugg. Diary, 1892, p. 76; Pharm. Rec., v. 13, p. 188.)

Anemonin- $C_{15}H_{12}O_6$, Anemone Pulsatilla Linne, (the active principle from the herb), chief properties, uses, and doses are given.

Korshinski, S.J.

1892.

(Anemone Patens).

Flora Ostland Europe Russl., t. 2; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Masclef, W.

1893.

Anemone Pulsatilla.

Atlas de Plantes France Utiles, t. 2; (Index Londinensis, v. 1, p. 202.)

A colored illustration of the plant with a sections of its various parts.

Acloque, R.

1894.

(Anemone Pulsatilla).

Flora France, p. 53; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Brehm, A.E.

1894.

(Anemone Pulsatilla).

Merv. Nat. Monde des Pt., v. 1, p. 20; (Index Londinensis, v. 1, p. 202.)

The original was not available.

1895.

Answers to Queries.

Merck's Market Report, v. 4, p. 405.

Directions for preparing the tincture are given.

1895.

Answers to Queries.

Merck's Market Report, v. 4, p. 336.

Directions for making tincture of Pulsatilla as given in the French Pharmacopoeia.

Scudder, J.M.

1895.

Pulsatilla.

Eclectic Med. Jour., v. 55, p. 244.

A detail of the therapeutic value of Pulsatilla is given.

Meyer, H.

1896.

Über Anemonin.

Monatsh. f. Chemie., v. 17, p. 283; (Jahresb. der Pharm., v. 31, p. 509.)

Gives a review of the work previously done on Anemonin and gives a lengthy discussion on the chemistry.

Hulme, E.F.

1897.

(Anemone Pulsatilla).

Familiar Wild Flowers, pop. ed., v. 5, p. 1; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Sargent, F.L.

1897.

The Ranunculaceae or Buttercup Family.

Merck's Report, v. 6, p. 487.

A morphological description of the above plants with illustrations, including species of Anemone.

1898.

Answers to Queries.

Merck's Report, v. 7, p. 411.

The preparation of Anemonin from the fresh herb of *Anemone Pulsatilla* is described.

Fiori, A. & Pioletti, G.

1899.

(*Anemone Pulsatilla*).

Incongraphia Floral Italiae, v. 178; (*Index Londinensis*, v. 1, p. 202.)

The original was not available.

Noel, C. & Lambert, M.

1898.

(*Pulsatilla*).

Pract. v. 61, p. 74; (*Pharm. Jour.*, v. 61, p. 217; *Pharm. Rev.*, v. 16, p. 383.)

"Anemonin does not represent the whole therapeutic value of the plant."

Warlich, ---.

1899.

(*Anemone Pratensis*).

Russk. Leckrs. Rast., v. ---, p. ---; (*Russ. Med. Pl.*, v. 1, p. 1; *Index Londinensis*, v. 1, p. 202.)

The original was not available.

Woenig, F. 1899.

(*Anemone Pratensis*).

Pusztan Flora, p. 19; (Index Londinensis, v. 1, p. 202)

The original was not available.

1900.

(*Anemone Pulsatilla*).

Revue Hort. Belge., v. ---, p. 104; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Bailey, L.H. 1900.

Anemone Patens variety *Nuttalliana*.

Cyclopedia of American Horticulture, v. 1, p. 63; (Bailey, Standard Cyclopedia of Hort., p. 284; Index Londinensis, v. 1, p. 202)

Mentions several species of *Anemone* and gives an engraving of the above variety.

Reichenau, W.V. 1900.

(*Anemone Pulsatilla*).

Mainzer. Flora., fig. 85; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Sterckx, ---.

1900.

(Anemone Pulsatilla).

Memoires de la Societe Royal Liege, S. 3, v. 2, t. 8, 10; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Coste, H.J.

1901.

(Anemone Pulsatilla).

Flore Descriptive et Illustree de la France, v. 1, p. 42; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Sturm, J.

1901.

(Anemone Pulsatilla).

Flora Deutschland, 2 ed., v. 5, p. 41; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Sturm, J.

1901.

(Anemone Patens).

Flora Deutschland, 2 ed., v. 5, t. 42; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Strosburger, E.

1902.

Panuncerlaceae.

Lehrbuch der Botanik, 5 ed., p. 435; (Ibid., 11ed., p. 485;
Index Londinensis, v. 1, p. 202.)

Gives a general study of the Ranunculaceae with a colored
illustration of *Anemone Pulsatilla*.

1903.

(*Anemone Pulsatilla*).

Revue Hort. Belge., v. ---, p. 457; (Index Londinensis, v. 1,
p. 202.)

The original was not available.

Bjorkman, G.

1903.

An Index of Diseases, Alphabetically Arranged, With Their
Modern Treatment.

Merck's Archives, v. 5, p. 300.

Pulsatilla (tincture of fresh leaves) given in ten minim
doses four times a day, is very good sedative quickly
subduing reflex spasms due to uterine disorders in
Dysmenorrhea.

Pammel, L.H.

1903.

(*Anemone Patens* variety *Nuttalliana*).

Ag. St. Bull. of Iowa, v. 70, p. 447; (Index Londinensis, v. 1,
p. 202.)

The original was not available.

Chevalier, J.

1904.

Anemone.

Revue de Therapeutique, v. 21, p. 577; (Nat. Drugg., v. 35, p. 47)

An exhaustive article on the Anemones, including botanical description, and an account of the physiological and therapeutic action, of the different species.

Hare, H. Caspari, C. & Rusby, H.

1905.

Pulsatilla.

Nat. Stand. Dispens., 1 ed., p. 1261; (Ibid., 2 ed., p. 1315; Index Londinensis, v. 1, p. 202.)

Gives synonyms, origins, description, constituents, action, and uses of Anemone Pulsatilla. Mentions several closely allied drugs.

Masclef, W.

1905.

(Anemone Pulsatilla).

Plants fo Europe, t. 32; (Index Londinensis, v. 1, p. 202.)

The roiginal was not available.

Nelson, B.E.

1905.

An Analytical Scheme For The Miscropical Examination of Powdered Drugs.

Merck's Report, v. 14, p. 103.

A microscopical study of the powdered Pulsatilla, with illustrations.

Kirby, W.F.

1906.

Anemone Pulsatilla.

British Flowering Plants, t. 2; (Index Londinensis, v. 1, p. 202)

The original was not available.

Wallii, E.J.

1906.

Interesting Hardy Plants in Flower.

Gardener's Chronicle, S. 3, v. 39, p. 307; (Index Londinensis
v. 1, p. 202)

Gives an illustration of Anemone Pulsatilla as it recently
flowered at Kew.

Ellingwood, F.

1907.

(Pulsatilla).

Am. Med. Jour., v. 35, p.---; (Ecl. Medical Gleaner, v. 4, p.114)

(Gives an account of the therapeutic uses of Pulsatilla
and the beneficial results obtained by its use).

Lozaro, ---., e Ibiza, B.

1907.

(Anemone Pulsatilla).

Botanica descriptiva, compendio de la Flora Espanola, v. 2, p.
344; (Index Londinensis, v.1, p. 202).

The original was not available.

Heukels, ---.

1908.

(*Anemone Pulsatilla*).

Flora Nederlandica, v. 2, p. 190; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Hulme, F.E.

1908.

(*Anemone Pulsatilla*).

Famalier Swiss Flora, t. 2; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Oehninger, C.

1908.

(*Anemone Pulsatilla*).

Die Alpenflora, t. 2, fig. 3; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Shenstone, J.C.

1908.

A Scheme for the Study of Field Botany.

Chem. & Drug., v. 73, p. 186.

Anemone Nemorosa, a type of flower in which the petals have disappeared and the sepals, which are white, have replaced them.

Shenstone, J. C. 1908.

British Poisonous Plants.

Chem. & Drug., v. 73, p. 59.

Gives properties of the Buttercup family (Ranunculaceae) including *Anemone Nemorosa*.

Beille, G.L. 1909.

(*Anemone Pulsatilla*).

Precis de Botanique Pharmaceutique, v. 2, p. 283; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Hegi, G. 1909.

Anemone Linne.

Illustreirte Flora Nuttel-Europa, v. 3, p. 534; (Index Londinensis, v. 1, p. 202.)

The habitat and description of several species are given, including *Anemone Nemorosa*, *Anemone Patens*, *Anemone Pulsatilla*, with pictures of them in their natural habitat.

Schinz, H. & Kellar, R. 1909.

Anemone Pulsatilla.

Flora der Schweiz., v. 1, p. 214; (Index Londinensis, v. 1, p. 202.)

A brief botanical description of *Anemone Pulsatilla* is given.

"Xyarser".

1909.

Observations and Reflections.

Chem. & Drugg., v. 75, p. 643.

Pulsatilla is a diminutive of "Pulsata", beaten or driven about and according to Linnaeus, means in this case a flower beaten by the wind. Anemone, the generic name, similarly means the wind-flower.

Esser, P.H.

1910.

Kuschelle Anemone Pulsatilla.

Giftpflanzen Deutschland, tl 36; (Index Londinensis, v. 1, p. 202)

Gives a colored plate of the plant, a botanical description, and its active constituent.

Dufour, J.

1910.

(Anemone).

Revue Generale de Botanique, v. 22, planch 4; (Index Londinensis, v. 1, p. 202.)

A plate showing the leaves of twenty three species of Anemone.

Fedtschenks, B.A. & Fler, ---.

1910.

(Anemone Pratensis).

Flora Europea Russia, p. 422; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Greenawalt, W.G.

1912.

Some Medicinal Plants of 1794.

Merck's Report, v. 21, p. 67.

Anemone Nemorosa, common white or wood Anemone, according to an old botanical work, published in German, in Leipsic, in 1794, this plant was said to be acrid and bitter, causing inflammation of the bowels, and in large quantities rank poison. It would irritate the skin, produce blisters and the root was applied for toothache, and intermittent fevers. The inhabitants of Kamschatka were said to have poisoned their arrows with the juice of this plant.

Tompson, H.S.

1912.

(Anemone Pulsatilla).

Sub-Alpine Plants, t. 5; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Gatin, C.L.

1913.

(Anemone Pratensis).

Les Flores Bois, t. 9; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Kebler, L.F.

1913.

Report of the Committee on Drug Market.

Jour. Am. Pharm. Assoc., v. 2, p. 1102.

Reports the total ash content of Pulsatilla as 7.4 to 9.5%.

Schafor, H.A.

1918.

Notes on the Therapeutic Uses of Pulsatilla.

Nat. Elect. Med. Assoc. Quart., v. 10, p. 340.

Gives the Therapeutic uses of Pulsatilla.

Soth, B.H.

1918.

Pasque Flowers, Anemone Patens.

American Botanist, v. 24, p. 1; (Index Londinensis, v. 1, p. 202)

Gives a cut of the plant, its habitat, time of flowering, and history. The Pasque Flower is the State Flower of South Dakota.

Cohn, P.

1919.

Committee Reports.

Jour. Am. Pharm. Assoc., v. 8, p. 756.

One lot of Pulsatilla examined consisted only of the tops, whereas the whole dried herb is specified.

Farwell, O.A.

1919.

National Formulary Botanical Nomenclature.

Drugg. Circ., v. 63, p. 49.

"If the official plant from which Pulsatilla is derived, is to be considered distant from the European plant, the Botanical Source should be given as Pulsatilla Hirsutissima (Pursh) Britton. If the present system is followed, the American species should be Anemone variety Wolfgangiana (Besser) Koch, or Anemone Hirsutissima (Pursh) McMillan."

Fitch, W. & Smith, J.

1919.

(Anemone Pulsatilla).

Ill. Brot. Fl. Ed. Rev., v. 4, p. 2; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Moss, C.

1920.

(Anemone Pulsatilla).

The Cambridge British Flora, v. 3, p. 115; (Index Londinensis, v. 1, p. 202.)

The original was not available.

1920.

(Anemone Patens & Luten).

Gartenschonheit, v. 1, p. 17; (Index Londninensis, v. 1, p. 202.)

The original was not available.

1920.

(Anemone Pulsatilla).

Gartenschonheit, v. 1, p. 16; (Index Londinensis, v. 1, p. 202.)

The original was not available.

Lenton, W.H.

1921.

A Convert to Homoeopathy.

Chem. & Drugg., v. 95, p. 812.

Conclusive proof presented of the medicinal value of Pulsatilla.

1929.

Pulsatilla.

Chem. & Drugg., v. 110, p. 280.

A description of the flower and herb is given. Pulsatilla is essentially a Homoeopathic remedy.

Hegi, G.

1930.

Anemone.

Alpine Flowers, p. 19.

Gives description, habitat, uses, and several illustrations of the species of anemone which are closely allied with Anemone Pulsatilla.

Thone, F.

1931.

Paschal Flowers Blossom on Prairies of the West.

Science News Letter, v. 19, p. 223.

Gives an illustration of Paschal Flowers on the front cover page. Pasque flowers are so named because they bloom during Easter; they belong to the Anemone family, the word "Anemone" being derived from the Greek word meaning "wind", and most Anemones are bravers of the wind. Pasque flowers are hairy, a characteristic of many plants which grow in the open, preventing evaporation. Habitat is strictly Western.

List of Journals Consulted.

- Am(eric)an Drugg(ist), vol. 13-22, 1884-1893; vol. 73-82, 1925-1930.
- Am(eric)an Drugg(ist) and Pharm(aceutical) Rec(ord), vol. 23-72, 1894-1924.
- Am(eric)an Journ(al) of Phar(macy), vol. 1-102, 1825-1930.
- Brit(ish) & Col(onial) Drugg(ist), vol. 12-82, 1887-1929.
- Bull(etin) of Am(eric)an Pharm(aceutical) Assoc(iation), vol. 1-6, 1906-1911.
- Bull(etin of) Pharm(acy), vol. 7-42, 1893-1928.
- Chem(ist &) Drugg(ist), vol. 1-112, 1859-1930.
- Dig(est) & Com(ments) on U.S.P. & N.F., 1905-1920.
- Drugg(ists) Circ(ular), vol. 1-73, 1857-1929.
- Jour(nal of the) Am(eric)an Phar(maceutical) Assoc(iation), vol. 1-18, 1912-1929.
- Jour(nal of) Mat(eria) Med(ica), vol. 1-18, 1859-1880.
- Merck's Arch(ives), vol. 1-16, 1899-1914.
- Merck's Rep(ort), vol. 2-39, 1893-1930.
- Mid(land) Drugg(ist), vol. 1-10, 1899-1909.
- Mid(land) Drugg(ist) & Pharm(aceutical) Rev(iew), vol. 43-61, 1909-1922.
- New Rem(edies), vol. 1-12, 1872-1883.
- Pharm(aceutical) Era, vol. 1-67, 1887-1930.
- Pharm(aceutical) Journ(al), vol. 1-124, 1841-1930.
- Pharm(aceutical) Rec(ord), vol. 14-26, 1896-1907.
- Pharm(aceutical) Runds(chau), vol. 1-13, 1883-1895.

Pro(ceedings of the) Am(ericana) Pharm(aceutical) Assoc(iation),
v. 1-59, 1851-1911.

Pharm(acist) & Chem(ist), vol. 1-18, 1882-1908.

West(ern) Drugg(ist), vol. 4-50, 1882-1908.

Y(ea)rb(oo)k (of the) Am(ericana) Pharm(aceutical) Assoc(iation),
vol. 1-12, 1912-1928.

Y(ea)rb(oo)k (of the) Brit(ish) Pharm(aceutical) Conf(erence),
vol. 1-64, 1864-1928.

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- Allen, T.F., *Encyclopedia of Pure Materia Medica*, v. 8, 1878.
- Bailey, L.H., *Cyclopedia of American Horticulture*, v. 1, 1900.
- Bailey, L.H., *Standard Cyclopedia of Horticulture*, v. 1, 1914.
- Baillon, H., *Dictionnaire de Botanique*, v. 1, 1874; v. 3, 1891.
- Bauhin, C., *Pinax Theatri*, 1671.
- Bentham, G., *Handbook of British Flora*, v. 1, 1865.
- Bonnier, G., *Name This Flower*, 1917.
- Castle, L.T., *New Commercial Plants and Drugs*, no. 10, 1878.
- Clapp, A., *Synopsis of the Medicinal Plants of United States*, 1850.
- Curtis, W., *Flora Londinensis*, v. 1, 1777.
- Danis, G.S., *Pharmacology of the Newer Materia Medica*, 1891.
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UNITED STATES PHARMACOPOEIA (O-X)

(1820-1920)

and

NATIONAL FORMULARY (I-V)

(1886-1926)

HISTORY

OF

PULSATILLA

U.S.P. 1880 p. 271.

Pulsatilla.

Pulsatilla.

The herb of *Anemone Pulsatilla* and *Anemone Pratensis* Linne, and of / *Anemone Patens* Linne, var. *Nuttalliana* Gray (Nat. Ord., Ranunculaceae), / collected soon after flowering./

It should be carefully preserved and not kept longer than one year./

Leaves radical, petiolate, silky-villous, twice or thrice deeply three parted or / pinnately cleft, with linear, acute lobes, appearing after the large, purple (or in) the last / named species, sometimes whitish) flowers; inodorous, very acrid./

U.S.P. 1890 p. 326.

Pulsatilla.

Pulsatilla.

The herb of *Anemone Pulsatilla* and of *Anemone Pratensis* Linne, (nat. / ord. Ranunculaceae), collected soon after flowering./

It should be carefully preserved, and not to be kept longer than one / year.

Leaves radical, petiolate, silky-villous, twice or thrice deeply three parted / or pinnately cleft, with linear, acute lobes, appearing after the large, purple / flowers; inodorous, very acrid. /

Pulsatilla.

Pulsatilla.

Pulsatilla.

Pasque Flower.

The dried herb of *Anemone Pulsatilla* Linne, *Anemone Pratensis* Linne, / or of *Anemone Ludoviciana* (Nuttall) Hellar (Fam. Ranunculaceae), / without the presence of more than 5 per cent of foreign matter. /

Leaves and flowering scapes matted, silky-villous, basal leaves with petioles up / to 30 cm. in length, the latter hollow, often purplish in color, the blades twice or / thrice deeply three or four parted or pinnately cleft, the lobes linear and acute, the / base of the petiole more hairy than above and frequently attached to the short root / stock; flowering scapes up to 30 cm. in length, solid in lower portion and hollow in / the upper part, with sessile, involueral dissected leaves near the flower, occasionally / further remains wholly, plumose-tailed / akenes. Nearly odorless; taste very acrid. /

The powder when examined under the microscope, shows numerous simple, thick- / walled hairs up to 2.5 mm. in length and up to 0.02 mm. in thickness; tracheae up / to 0.03 mm. in breadth with spiral markings or simple or bordered pores; frag- / ments of epidermal tissue with stomata, the latter being broadly elliptical and up to / 0.05 mm. in length; some epidermal cells with wavy vertical walls; calcium oxalate / crystals and starch grains few or absent /

Pulsatilla yields not more than 10 per cent of ash; average dose - 0.3 gm. - Apothecaries, 5 grains.

Pulsatilla

Pulsatilla

Pulsatill.

Pasque Flower.

Pulsatilla is the dried herb of *Pulsatilla Vulgaris* (Linne) Miller, *Pulsa- / tilla Pratensis* Linne Miller (Fam. / *Ranunculaceae*)

Pulsatilla contains not more than 5 per cent of foreign organic / matter.

Description and physical properties. /

Unground Pulsatilla. Leaves and flowering scapes matted, silky-villous, basal / leaves with petioles up to 30 cm. in length, the latter hollow, often purplish in / color, the blades twice or thrice deeply three-or-four parted or pinnately cleft, / the lobes linear and acute, the base of the petals more hairy than above and / frequently attached to the short rootstock; Flowering scapes up to 30 cm. in / length, solid in the lower portion and hollow in the upper part, with sessile, / involucral leaves near the flower, occasionally with remains of the dull purple / hairy sepals and dense wooly, plumose-tailed achenes. Nearly odorless; / taste very acrid.

Powdered Pulsatilla: numerous simple, thick-walled hairs up to 2.5 mm. in length/ and up to 0.02 mm. in thickness; tracheal up to 0.035 mm. in width and spiral / markings or with simple or bordered pores; fragments of epidermal tissue with / stomata, the latter being broadly elliptical and up to 0.055 mm. in length in stem tissue. Some epidermal cells with / wavy vertical walls; calcium oxalate crystals and starch grains few or absent. /

Preparation: Tinctura Pulsatillae. /

Average Dose: Metric, 3 gm. Apothecaries, 5 grains.

Summary of Data of U.S.P. 1820-1920

and N.F. 1886-1926.

Pulsatilla.

Official in U.S.P., 1880, '90, N.F. 1916, '26.

Official Latin Title:

Pulsatilla, U.S.P. 1880, '90, N.F. 1916, '26.

Official English Title:

Pulsatilla, U.S.P. 1880, '90, N.F. 1916, '26.

Official Abbreviations:

Pulsatil. N.F. 1916, '26.

Official Synonym:

Pasque Flower, N.F. 1916, '26.

Official Family:

Ranunculaceae, U.S.P. 1880, '90, N.F. 1916, '26.

Botanical Source:

Anemone Pulsatilla, Anemone Pratensis, and Anemone Patens
Linne, var. Nullalliana Gray, U.S.P. 1880.

Anemone Pulsatilla and Anemone Pratensis Linne, U.S.P. 1890.

Anemone Pulsatilla Linne, Anemone Pratensis Linne, or Anemone
Ludoviciana (Nuttall) Hellar, N.F. 1916.

Pulsatilla Vulgaris (Linne) Miller, Pulsatilla Pratensis
(Linne) Miller, or Pulsatilla Patens(Linne) Miller. N.F.
1926.

Part Used:

The herb, collected soon after flowering, U.S.P. 1880, '90.

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

Impurities:

Not more than 5 % foreign matter, N.F. 1916, '26.

Ash:

Not more than 10 per cent, N.F. 1916, '26.

Assay:

None given.

Preservation:

It should be carefully preserved and not kept longer than one year, U.S.P. 1880, '90.

Description:

U.S.P. 1880, p. 271; '90, p. 326; N.F. 1916, p. 340; '26, p. 381.

Dose:

Metric: 0.3 gm., Apothecaries, 5 grains, N.F. 1916, '26.

Preparation:

Tincturae Pulsatillae, N.F. 1926.

Approved by W. O. Richtmann

Assoc. Prof. of Pharmacology