

A bibliography of the drugs
PISCIDIA ERYTHRINA Jacquin
and
UMBELLULARIA CALIFORNICA (Arnott) Nuttall

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By
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Bibliography
of
PISCIDIA ERYTHRINA Jacquin

- Barham, H. 1794
(*Piscidia Erythrina*)
Hortus Americanus, p. 9. (Pharm. Jour., 4, p. 114; Pharmacology of Newer Materia Medica, p. 593; Therap. Gaz. Mar. Supp., 6, p. 1; New Preparations, 3, No. 9, p. 223.)
(Reports using *Piscidia Erythrina* as an astringent wash.)
- Lunan, J. 1814
(*Piscidia Erythrina*)
Hortus Jamaicensis, V. 1, p. 269; (Pharm. Jour., 4, p. 111; Pharmacology of Newer Materia Medica, p. 593; Prodomus Systematis Naturalis Regni Vegetalis, V. 2, p. 267.)
(Describes the wood and resins found in *Piscidia Erythrina*.)
- Nuttall, I. 1818
(*Piscidia Erythrina*)
North American Sylva, plate 52. (Am. Dispens., 15 ed., supp., V. 2, p. 190; *ibid.*, 16 ed., p. 190; *ibid.*, 18 ed., p. 1509.)
(Gives an illustration of Jamaica Dogwood.)
- DeCandolle, G. 1824
Piscidia Erythrina.
Prodomus Systematis Naturalis Regni Vegetalis, V. 2, p. 267. (Pharmacology of Newer Materia Medica, p. 593; Therap. Gaz., Mar. Supp., 6, p. 5.)

Gives several botanical synonyms and a description of *Piscidia Erythrina*.

Griesbach, A.

1825

Piscidia Erythrina.

Flora of the British West Indian Islands, p. —. (Pharmacology of Newer Materia Medica, p. 593; Therap. Gaz., Mar. Supp., 6, p. 5.)

Gives a botanical description of *Piscidia erythrina* and its distribution in the West Indies.

Macfadyen, J.

1837

(*Piscidia Erythrina*)

Botany of Jamaica, 1 ed., p. —. (Pharmacology of Newer Materia Medica, p. 595; Therap. Gaz., Mar. Supp., 6, 1; New Preparations, 3, No. 9, p. 222.)

(Gives a botanical description of the plant *Piscidia Erythrina* and its distribution in Jamaica.)

Hamilton, W.

1844

Jamaica Dogwood.

Pharm. Jour., 4, p. 76; (Dispens. U. S. A., 9 ed., p. 1370; *ibid.*, 10 ed., p. 1381; *ibid.*, 11 ed., p. 1473; *ibid.*, 12 ed., p. 1585; *ibid.*, 13 ed., p. 1678; *ibid.*, 14 ed., p. 1734; *ibid.*, 15 ed., p. 1728; *ibid.*, 16 ed., p. 1895; *ibid.*, 17 ed., p. 1721; *ibid.*, 18 ed., p. 1769; *ibid.*, 19 ed., p. 1616; *ibid.*, 20 ed., p. 1554; *ibid.*, 21 ed., p. 1432; *ibid.*, 22 ed., p. 1526; Jour. Phil. Coll. Pharm. 159, p. 236; Nat. Dispens., 3 ed., p. 1178; *ibid.*, 5 ed., p. 1251; Pharm. Jour., 39, p. 323; *ibid.*, 45, p. 1014; Lloyd Bros. Drug Treatise No. 33, p. 28; Pharmacology of Newer Materia Medica, p. 593; Therap. Gaz., Mar. Supp., 6, p. 1; New Preparations, V. 3, No. 9, p. 222.)

An account of the discovery and use of *Piscidia erythrina* as a narcotic and the effects it produced upon the author.

Hamilton, W.

1844

Further Remarks on the *Piscidia Erythrina* or Jamaica Dogwood.

Encyclopaedia of Plants, new ed., p. 803. (Pharmacology of Pharm. Jour., p. 111, p. 593; Therap. Gaz., Mar. Supp., 6, p. 5.)

Gives a detailed account of the employment of *Piscidia Erythrina* as a fish poison, and a description of the plant are given.

Wood, G. and Bache, F.

1851

Swearingen, H.

1873

Piscidia Erythrina.

Jamaica Dogwood.

Dispens. U. S. A., 9 ed., p. 1370; *ibid.*, 10 ed., p. 1381; *ibid.*, 11 ed., p. 1473; *ibid.*, 12 ed., p. 1585; *ibid.*, 13 ed., p. 1678; *ibid.*, 14 ed., p. 1734; *ibid.*, 15 ed., p. 1728;¹ *ibid.*, 16 ed., p. 1894;² *ibid.*, 17 ed., p. 1721; *ibid.*, 18 ed., p. 1769; *ibid.*, 19 ed., p. 1616;³ *ibid.*, 20 ed., p. 1554; *ibid.*, 21 ed., p. 1432;⁴ *ibid.*, 22 ed., p. 1525.

of the West Indies.

An account of Hamilton's use of the tincture of the bark of *Piscidia erythrina* as an anodyne in toothache is given, with the other uses of the plant.

Thomson, R.

1876

Jamaica Drugs.

Lindley, J.

1856

Proc. A. Ph. A., 24, p. 735.

Piscidia.

The use of *Piscidia erythrina* as a fish poison and as Medical and Economical Botany, p. 176. (Pharmacology of Newer Materia Medica, p. 593; Therap. Gaz., Mar. Supp., 6, p. 5.)

A description and drawing of the leaf of *piscidia erythrina* are given.

1879

(*Piscidia Erythrina*)

New Preparations, 4, p. 281. (Pharmacology of Newer Materia Medica, p. 509.)

¹In this and following editions of the Dispens. U. S. A., and extract of the work carried on by Drs. Ott and Nagle of P. D. and Co. is given.

²Lemberger's formula for the fluid extract is included only in 16-19 ed.. Also the description of the neutral principle found by E. Hart.

³A further study and description of Hart's neutral principle is given.

⁴The results of further study of Hart's neutral principle is continued.

New Preparations, 4, p. 282. (Pharmacology of Newer Materia

Loudon, J.

1872

Piscidia.

Encyclopaedia of Plants, new ed., p. 606. (Pharmacology of Newer Materia Medica, p. 593; Therap. Gaz., Mar. Supp., 6, p. 5.)

The uses of *Piscidia erythrina* and a description of the plant are given.

Sweringen, H.

1873

Jamaica Dogwood.

Dictionary of Pharmaceutical Science, p. 235. (Pharmacology of Newer Materia Medica, p. 593; Therap. Gaz., 6, Mar. Supp., p. 5.)

Defines Jamaica Dogwood as a powerful narcotic plant of the West Indies.

Thomson, R.

1876

Jamaica Drugs.

Proc. A. Ph. A., 24, p. 735.

The use of *Piscidia erythrina* as a fish poison and as a strong narcotic and disphoretic are commented on.

Estabrood, C.

1879

(*Piscidia Erythrina*)

New Preparations, 4, p. 281. (Pharmacology of Newer Materia Medica, p. 609.)

(Reports upon the uses of *Piscidia Erythrina* for spinal irritation.)

Greenlee, D.

1879

(*Piscidia erythrina*)

New Preparations, 4, p. 282. (Pharmacology of Newer Materia

Medica, p. 599; Ther. Gaz., Mar. Supp., 6, p.26.)

(Report that *Piscidia erythrina* fluid extract is useful in treating Chronic Coughs.)

Hansen, C.

1879

Piscidia Erythrina, Jamaica Dogwood.

New Preparations, 3, p. 222. (Ther. Gaz. Mar. Supp., 6, p. 9.)

The botanical origin, description, appearance and structure of the bark and therapeutic uses and properties of Jamaica dogwood are given.

Alexander, W.

1880

Jamaica Dogwood in Pertussis.

Therapeutic Gazette, 4, p. 354. (Pharmacology of Newer Materia Medica, p. 621.)

Describes the use of Jamaica Dogwood in the treatment of coughs and bronchial trouble.

Altamarano, F.

1880

(*Piscidia erythrina*)

____, __. p. __. (Journal of Materia Medica, 19, p. 48.)

(Upon experimenting with animals finds that *piscidia erythrina* produces paralysis of the motor nerves while it does not effect the cerebellum and medulla.)

Berger, __.

1880

(*Piscidia erythrina*)

Centralbl. f. d. ges Therapie, 2, p. 121. (Nat. Dispens., 3, 1 ed., p. 1179; *ibid.*, 5 ed., p. 1252.)

(Reports that *Piscidia* may cure neuralgia but other claims for it are false.)

- Blackerby, J. 1880
Jamaica Dogwood, *Piscidia Erythrina*.
Therapeutic Gazette, 4, p. 159. (Pharmacology of Newer
Materia Medica, p. 612.)
Reports the results obtained upon using *Piscidia erythrina*
to relieve suffering caused by sciatica.
- Brannon, T. 1880
Damiana -- *Piscidia Erythrina*.
Therapeutic Gazette, 4, p. 261. (Pharmacology of Newer
Materia Medica, p. 603.)
Reports using the solid extract of *Piscidia erythrina*
in neuralgia pains.
- Daniels, F. 1880
Reports on New Remedies.
Therapeutic Gazette, 4, p. 125. (Pharmacology of Newer
Materia Medica, p. 605.)
Describes the results obtained upon using Jamaica
Dogwood to relieve pain in toothaches.
- Egan, J. 1880
Jamaica Dogwood.
Ther. Gaz., 4, p. 221.
Reports that *Piscidia erythrina* dilate the pupil of
the eye; and compares it to morphine and chloral. as
a sedative.
- Foltz, _ 1880
(*Piscidia erythrina*)
Webster's Dynam Ther., p. 595. (Am. Dispens. 18 ed., V. 2,
p. 1511.)

(Praises *Piscidia erythrina* for its medicinal properties in neuralgia of the eyeball.)

Goss, J. 1880

Jamaica Dogwood.

Therapeutic Gazette, 4, p. 261. (Pharmacology of Newer Materia Medica.)

Reports on the use of *Piscidia Erythrina* as a sporic

Harris, E. 1880

Jamaica Dogwood.

Therapeutic Gazette, 4, p.331. (Pharmacology of Newer Materia Medica, p. 608.)

Reports the results obtained upon using Jamaica Dogwood in neuralgia.

Larrabee, J. 1880

Jamaica Dogwood.

Therapeutic Gazette, 4, p.266. (Pharmacology of Newer Materia Medica, p. 598.)

Reports the success obtained by him on employing *Piscidia erythrina* for various nervous disorders.

Lewis, W. 1880

Jamaica Dogwood.

Therapeutic Gazette, 4, p. 297. (Pharmacology of Newer Materia Medica, p. 598.)

Considers the fluidextract of Jamaica dogwood as one of the best known substitutes for opium.

Little, F. 1880

Jamaica Dogwood.

Therapeutic Gazette, 4, p. 297. (Pharmacology of Newer Materia Medica, p. 603.)

Reports on the use of Jamaica Dogwood in neuralgia and insomnia.

Montague, F. 1880

Jamaica Dogwood.

Therapeutic Gazette, 4, p. 321. (Pharmacology of Newer Materia Medica, p. 603.)

Reports finding Jamaica Dogwood a valuable anodyne, relieving pain without the unpleasant after-results which accompany morphium or opium.

Mulheron, J. 1880

Piscidia Erythrina -- Jamaica Dogwood.

Therapeutic Gazette, 4, p. 155. (Pharmacology of Newer Materia Medica, p. 609.)

Consider Jamaica Dogwood a favorable substitute and rival of opium as an anodyne.

Rouse, W. 1880

Jamaica Dogwood in Cholera Morbus.

Therapeutic Gazette, 4, p. 291. (Pharmacology of Newer Materia Medica, p. 599.)

Gives a brief report of results observed in the use of Jamaica Dogwood in the case of cholera morbus.

Scott, J. 1880

Piscidia Erythrina -- Jamaica Dogwood.

Therapeutic Gazette, 4, p. 9. (Pharmacology of Newer Materia Medica, p. 593.)

Reports on the external use of *Piscidia erythrina* and when used as a narcotic.

Sharrer, W.

1880

Jamaica Dogwood in Convulsions Attending Dipmenorrhoea.

Therapeutic Gazette, 4, p. 321. (Pharmacology of Newer Materia Medica, p. 621.)

Reports the results obtained upon using *Piscidia erythrina* in a severe case of neurologia.

Winship, D.

1880

Piscidia Erythrina.

Ther. Gaz., 4, p. 43.

Describes results obtained upon using *Piscidia erythrina* for uterine colic.

(Editor)

1880

Piscidia Erythrina.

New Remedies, 9, p. 122. (Pharm. and Chem., 13, p. 358.)

In answer to a question by W. M. H., gives a detailed description of *Piscidia erythrina*, its commercial and pharmaceutical use and a number of closely related plants.

1880

_____, _____.
(Jamaica Dogwood, (*Piscidia Erythrina*))

Buffalo Med. Jour., __, p. __. (Am. Jour. Pharm., 52, p. 222.)

(Believes *Piscidia erythrina* is a remedy worthy of a trial.)

- Brodnaz, _ . 1881
Jamaica Dogwood.
Therapeutic Gazette, 5, p. 137. (Pharmacology of Newer Materia Medica, p. 599.)
Reports finding Jamaica Dogwood to be similar in effect to opium upon the nervous system.
- Butterfield, S. 1881
Piscidia Erythrina.
Therapeutic Gazette, 5, p. 89. (Pharmacology of Newer Materia Medica, p. 624.)
Upon using Jamaica Dogwood finds it to be better than opium in certain diseases.
- Fitzsimmons, J. 1881
Jamaica Dogwood in Whooping Cough.
Therapeutic Gazette, 5, p. 89. (Pharmacology of Newer Materia Medica.)
Reports the use of Jamaica Dogwood in treating whooping cough.
- Furber, J. 1881
Piscidia Erythrina.
Therapeutic Gazette, 5, p. 133. (Pharmacology of Newer Materia Medica, p. 603.)
Reports the use of Piscidia Erythrina in meningitis.
- King, J. and Lloyd, G. U. 1881
Piscidia Erythrina.

Am. Dispens., 15 ed., supp., p. 190; *ibid.*, 16 ed., p. 190;
ibid., 18 ed., V. 2. p. 1509.⁵

The habitat of *Piscidia erythrina* together with a
brief description of the plant and bark is given.

Lawrence, R. 1881

Piscidia Erythrina.

Therapeutic Gazette, 5, p. 50. (Pharmacology of Newer Materia
Medica, p. 598.)

Believes from personal experience that *Piscidia erythrina*
ranks next to opium as an anodyne and hypnotic.

Lemberger, J. L. 1881

Fluidextract of Jamaica Dogwood.

Drug, Circ., 25, p. 179. (Dispens. U. S. A., 16 ed., p. 1895;
ibid., 17ed., p. 1721; *ibid.*, 18ed., p. 1769; *ibid.*, 19ed.,
p. 1616; *ibid.*, 20 ed., p. 1554; *ibid.*, 21 ed., p. 1432;
ibid., 22 ed., p. 1526.)

A procedure with formula for the preparation of the
fluidextract of *Piscidia Erythrina* is submitted.

Moore, F. M. 1881

Untoward Effect of Jamaica Dogwood.

Therapeutic Gazette, 5, p. 54. (Pharmacology of Newer
Materia Medica, p. 597.)

Reports his experience in using Jamaica Dogwood in
severe neuralgia.

⁵An account of the chemical constituents and medicinal
uses are included.

Nagle, A.

1881

Piscidia Erythrina.

Drugg. Circ., 25, Feb., p. 18. (Penn. Pharm. Assoc., 42, p. 204; Proc. A. Ph. A., 29, p. 221; Am. Jour. Pharm., 91, p. 575; Pharmacology of Newer Materia Medica, p. 597; Therapeutic Gazette 6, Mar. Supp. p. 1; Dispens. U. A. A., 15 ed., p. 1129; *ibid.*, 16 ed., p. 1895; *ibid.*, 17 ed., p. 1721; *ibid.*, 18 ed., p. 1769; *ibid.*, 19 ed., p. 1816; *ibid.*, 20 ed., p. 1554; Pharm. Jour., 45, p. 1014.)

A detailed account of the pharmacological action of *Piscidia Erythrina* on rabbits is given.

Ott, J.

1881

The Physiological Action of the Active Principle of *Piscidia Erythrina* -- Jamaica Dogwood.

Archeves of Medicine, 5, No. 1, p. 69. (Nat. Dispens., 3 ed., p. 1179; *ibid.*, 5 ed., p. 1252; Therapeutic Gazette, 6, Mar. supp., p. 12; Medical News, 39, p. 212; Dispens. U. S. A., 21 ed. p. 1432; *ibid.*, 22 ed., p. 1526; Penn. Pharm. Assoc., 42, p. 204; Am. Jour. Pharm., 91, p. 575; Am. Dispens., 18 ed., p. 1510; Pharmacology of Newer Materia Medica, p. 597.)

Gives his conclusions concerning the physiological activity of the bark of the root of *Piscidia erythrina*.

Roberts, J.

1881

New Remedies in General.

Therapeutic Gazette, 5, p. 330. (Pharmacology of Newer Materia Medica, p. 608.)

Finds that the claims made for Jamaica Dogwood to be generally true.

Whistler, S.

1881

Jamaica Dogwood in Opium Idiosyncrasy.

Therapeutic Gazette, 5, p. 260. (Pharmacology of Newer Materia Medica, p. 598.)

Reports the results obtained upon using Jamaica dogwood when opium could not be used.

1881

(*Piscidia Erythrina*, a Substitute for Opium.)

Pharmaceutuche Zeitung, 26, p. __. (Chem. and Drugg., 23, p. 397.)

(The drug obtained from the root of *Piscidia Erythrina* is said to be narcotic with properties like those of opium only more soothing.)

Ford, M.

1882

(Reports on Jamaica Dogwood from Private Practice.)

Louisville Medical News, __, p. __. (Pharmacology of Newer Materia Medica, p. 609; Ther. Gaz., Mar. Supp., 6, p. 19.)

(Reports on the use of *Piscidia erythrina* as a narcotic and sedative in neurogia.)

Parke, Davis and Co.

1882

Working Bulletin for the Scientific Investigation of Jamaica Dogwood.

Therapeutic Gazette, Mar. Supp., 6, p. 1. (Pharmacology of the Newer Materia Medica, p. 593.)

A report on the information compiled from the various sources of the botanical and pharmaceutical knowledge, clinical reports, physiological researches, etc. concerning *Piscidia Erythrina*.

Stowell, L.

1882

Piscidia Erythrina---Description.

Therapeutic Gazette, 6, Mar. Supp., p. 9. (Pharmacology of Newer Materia Medica, p. 595.)

Describes the microscopic characters of the root bark of *Piscidia erythrina*.

Burnett, J.

1883

New Remedies---Piscidia Erythrina.

Chem and Drugg., 25, p. 548.

In a paper read before the Chemist's Assitants' Association, the medical properties of "Jamaica Dogwood" were discussed. A description of the plant, with its use was also given.

Caveness, W. A.

1883

Jamaica Dogwood, Viburnum Prunifolium, Berberis Aquifolium etc.

Ther. Gaz., 7, p. 60.

States that Jamiaca Dogwood acts admirably in some cases to produce sleep, but one cannot rely on it to the exclusion of the opiates chloral hydrate etc.

Firth, L. B.

1883

Jamaica Dogwood, Ustilago Maidis Grindelia Robusta, Yerba Santa, Manaca and Jaborandi.

Ther. Gaz., 7, pp. 101-103. (Pharm. Jour. 45, p. 1014; Pharmacology of Newer Materia Medica, p. 612.)

Gives the case history of a patient suffering from delirium tremers due to excess drinking. He was cured and brought back to good health by the fluidextract of Jamaica Dogwood.

Foster, F.

1883

Manaca---Berberis Aquifolium---Jamaica Dogwood.

Ther. Gaz., 7, p. 284. (Pharmacology of Newer Materia Medica, p. 599.)

Reports his experience in using Jamaica dogwood and gives the doses employed.

Hart, E.

1883

Piscidia, The Active Principle of Jamaica Dogwood.

Am. Chem. Jour., 5, p. 39. (Penn. Pharm. Assoc., 42, p. 204; Am. Jour. Pharm., 70, p. 425; *ibid.*, 55, p. 369; Dispens. U. S. A., 46 ed., p. 1894; *ibid.*, 17 ed., p. 1721; *ibid.*, 18 ed., p. 1769; *ibid.*, 19 ed., 1616; *ibid.*, 20 ed., p. 1554; *ibid.*, 21 ed., p. 1432; Am. Dispens., 18 ed., V. 2. p. 1510; Phoc. A. Ph. A., 32, p. 187; Pharm. Arch. 4, p. 25; Arch. Pharm., 274, p. 389; *ibid.*, 272, p. 701; Lloyd Bros. Drug Treatise, No. 33, p. 29; Therapeutic Gazette, 4, p. 97; Pharm. Jour., 42, p. 798; Pharmacology of Newer Materia Medica, p. 596.)

A method of isolating and identifying the active constituents of Jamaica Dogwood is given. A chemical analysis of the active principles found in the plant is also given.

Herr, F.

1883

New Use of Jamaica Dogwood.

Therapeutic Gazette, 7, p. 357. (Pharmacology of Newer Materia Medica, p. 613.)

Reports the use of *Piscidia erythrina* in a peculiar type of hysteria.

Palmer, E.

1883

Jamaica Dogwood in Nervous Headaches.

Therapeutic Gazette, 7, p. 502. (Pharmacology of Newer Materia Medica, p. 620.)

Finds *Piscidia erythrina* to be useful in the relief of headaches.

Payne, A. S.

1883

Manaca, Boldo, Jamaica Dogwood, *Lippia Mexicana*, Chlor-Anodyne.

Therapeutic Gazette, 7, p. 59. (Pharmacology of Newer
Materia Medica, p. 599.)

Reports a case where Jamaica Dogwood was found to be
an excellent substitute for opium as the patient,
because of an idiosyncrasy, could not be given opium.

Ramsey, F.

1883

Normal Liquid Ergot and Jamaica Dogwood in a Case of
Fibroid of the Uterus.

Therapeutic Gazette, 7, p. 493.

Describes how Jamaica Dogwood acted when used in treat-
ing fibroid tumors.

Suddards, D.

1883

Reports on New Drugs---Jamaica Dogwood

Therapeutic Gazette, 7, p. 246.

Comments on the reports of 3 doctors who had used
Piscidia erythrina.

Tangemann, C. W.

1883

Jamaica Dogwood.

Therapeutic Gazette, 7, p. 356. (Pharmacology of Newer
Materia Medica, p. 600.)

The circumstances under which Jamaica Dogwood is
indicated, why it is preferable to opium and its pre-
parations and in what doses it can safely be given
are set forth.

Wells, H.

1883

Jamaica Dogwood.

Therapeutic Gazette, 7, p. 501. (Pharmacology of Newer
Materia Medica, p. 618.)

Describes the action of *Piscidia erythrina* in hysterical
mania.

Hurley, J. 1884

Jamaica Dogwood.

Therapeutic Gazette, 8, p. 162. (Pharmacology of Newer
Materia Medica, p. 603.)

Reports Jamaica dogwood to be a failure in affording
relief from toothaches.

Johnson, J. 1884

Ustilago Maidis, *Coscana Sograda*, Jamaica Dogwood.

Therapeutic Gazette, 8, p. 16. (Pharmacology of Newer
Materia Medica, p. 605.)

Reports splendid results obtained upon using Jamaica
dogwood as a sporic in Brights' disease.

Oldberg, O. and Wall, O. A. 1884

Piscidia.

A Companion to U. S. P., 1 ed., p. 781.

The botanical origin of *Piscidia erythrina*, its habitat,
part used in medicine, description of the bark, con-
stituents, properties and dose are given. A method of
preparing the fluidextract of *Piscidia* is also given.

Stille, A. and Maisch, J. M. 1884

Piscidia.

Nat. Dispens. 3 ed., p. 1178; *ibid.*, 5 ed., p. 1251.

The botanical origin, description, constituents and pharmaceutical and medicinal uses and its medicinal action of *Piscidia erythrina* are given.

Thackery, W.

1884

Jamaica Dogwood.

Therapeutic Gazette, 8, p. 17. (Pharmacology of Newer Materia Medica, p. 610.)

Reports the successful employment of *Piscidia erythrina* in the relief of toothaches caused by neuralgia.

Winterburn, G.

1884

(*Piscidia erythrina*.)

Hahnemann Monthly, 6, p. 274. (Pharmacology of Newer Materia Medica, p. 598; Therap. Gaz., 8, p. 331.)

(Reports on the pharmacological activity of *Piscidia Erythrina* and lists its various uses in medicine.)

Woodcox, C.

1884

A Case of Chorea Treated with Jamaica Dogwood.

Therapeutic Gazette, 8, p. 56. (Pharmacology of Newer Materia Medica, p. 619.)

Describes the effects produced when Jamaica Dogwood is used in the treatment of St. Vitus' dance.

Ziteke, J.

1884

Jamaica Dogwood.

Therapeutic Gazette, 8, p. 159. (Pharmacology of Newer Materia Medica, p. 604.)

Discusses the action produced by *Piscidia erythrina* on different patients suffering from weak hearts.

McNab, G.

1885

(Piscidia Erythrina.)

Southern Practitioner, p. --. (Pharmacology of Newer
Materia Medica, p. 610.)

(Reports his success in using Piscidia erythrina in a
case of trigeminal neuralgia.)

Schlesinger, M.

1885

Examination of Jamaica Dogwood.

Pharm. Rec., 5, p. 104.

An infusion of Piscidia erythrina was evaporated and
the residue treated with Mayers Reagent. Other aqueous
and alcoholic extracts of the drug were also tested in
the same manner.

(Editor)

Materia Medica of the New Mexican Pharmacopoeia.

Am. Jour. Pharm., 57, p. 433.

The bark of the root is used for toothaches in Mexico.
The plant should not be used to stupefy fish.

Halsey, --.

1886

Piscidia Erythrina.

Therapeutic Gazette, 10, p. 442. (Pharm. Jour., 46, p. 162;
Pharmacology of Newer Materia Medica, p. 607.)

Found Piscidia Erythrina to be an excellent hypnotic
and anodyne. The patients awake after taking it feeling
none of the unpleasant after effects which opium produces.

Neuhall, S.

1886

Piscidia Erythrina in the Treatment of Convulsive
Affections.

Therapeutic Gazette, 10, p. 147. (Pharmacology of Newer Materia Medica, p. 619.)

Reports the results obtained from using *Piscidia erythrina* on a patient having extremely strong and violent convulsions.

(1886)

Piscidia Erythrina (Jamaica Dog-wood).

Progrès Pharmaceutique, __, p. __. (Der Fortschritt, __, p. __; Pharm. Jour., 45, p. 1014; Proc. A. Ph. A., 34, p. 416; Penn. Pharm. Assoc., 42, p. 204; Am. Jour. Pharm., 91, p. 583.)

(The history of the introduction of *Piscidia erythrina* into medicine is given.)

Comstock, G.

1887

(*Piscidia erythrina*.)

Medical Age, __, p. 431. (Pharmacology of Newer Materia Medica, p. 605.)

(Reports success in treating neuralgia and chronic coughs with *Piscidia erythrina*.)

Payne, A.

1887

Remarks on the Therapeutic Value of Jamaica Dogwood.

Therapeutic Gazette, 11, p. 171. (Pharmacology of Newer Materia Medica, p. 601.)

Reports finding Jamaica dogwood a valuable remedy in nervous persons who cannot bear opiates.

Fearn, J.

1888

(*Piscidia erythrina*.)

California Medical Journal, __, p. 139. (Pharmacology of Newer Materia Medica, p. 606.)

(Gives the dose of *Piscidia erythrina* which will produce sleep or allay pain.)

Goss, I.

1889

Piscidia Erythrina---Jamaica Dogwood.

Materia Medica, Pharmacology and Therapeutics, p. 89.

The therapeutic value of *Piscidia erythrina* is discussed.

Stille, A. and Maisch, J. M.

1894

Franciscea.

Nat. Dispens., 5, p. 754.

States that in some parts of South America *Piscidia erythrina* is known as manaca.

Harlan, A.

1896

(Jamaica Dogwood as a Sedative.)

Dental Review, __, p. __. (*Am. Drugg.*, 29, p. 43.)

(Reports that 15 drops of Jamaica dogweed produced a marked anaesthetic effect, under the influence of which dental operations could be carried out.)

Von Swaters, __.

1896

(*Piscidia erythrina*.)

Nederl. Tijdschr. Pharm., 8, p. 165. (*Arch. d. Pharm.*, 272, p. 701.)

(Gives the results of a chemical examination of the drug, *Piscidia*.)

Combs, R.

1897

Some Cuban Medical Plants.

Pharm. Review, 15, p. 91.

The original habitat and advantages that *Piscidia erythrina* possesses over opium as a nervous sedative is presented in brief form.

Berberich, H.

1898

Proximate Analysis of the Bark of *Piscidia Erythrina*.

Am. Jour. Pharm., 70, p. 425. (Dispens. U. S. A., 21 ed., p. 1432; *ibid.*, 22 ed., p. 1526; Am. Dispens., 18 ed., V. 2, p. 1510; Penn. Pharm. Assoc., 42, p. 204; Proc. A. Ph. A., 47, p. 568; Arch. d. Pharm. 472, p. 389; Lloyd Bros. Drug Treatise, No. 33, p. 29.)

A procedure for the proximate analysis of *Piscidia erythrina* bark is set forth, giving the results obtained.

Shoemaker, J.

1899

Piscidia Erythrina---Jamaica Dogwood.

Materia Medica and Therapeutics, 4 ed., p. 671.

The pharmacology, physiological action and therapeutic uses of *Piscidia Erythrina* are given.

Wardleworth, _.

1990

Some Pharmaceutical and Economic Plants of Jamaica.

Pharm. Jour., 65, p. 162.

Determined that very little root bark of *Piscidia Erythrina* is exposed to light and therefore bark containing a large quantity of chlorophyll is evidently taken from the above ground portion of the tree.

Cushny, _.

1901

(*Piscidia erythrina*.)

_____, p. _____. (Am. Chem. Jour., 25, p. 405; Arch. d. Pharm., 272, p. 701.)

Demonstrated by pharmacological investigation that piscidine may not be the active principle of *Piscidia erythrina*.

Freer, P. and Clover, A.

1901

On the Constituents of Jamaica Dogwood.

Am. Chem. Jour., 25, p. 390. (Proc. A. Ph. A., 50, p. 882; Pharm. Jour., 67, p. 473; Arch. d. Pharm., 274, p. 389; *ibid.*, 272, p. 701; Pharm. Archives, 4, p. 22; Penn. Pharm. Assoc., 42, p. 204; Dispens. U. S. A., 19 ed., p. 1616; *ibid.*, 20 ed., p. 1554; *ibid.*, 21 ed., p. 1432; *ibid.*, 22 ed., p. 1526; Am. Jour. Pharm., 91, p. 583.)

An analysis of the bark and a description of the active principles of *Piscidia Erythrina* is given.

Potter, S.

1903

Piscidia, Jamaica Dogwood.

Materia Medica, Pharmacy and Therapeutics, p. 430.

The uses and pharmacological action of *Piscidia erythrina* are given.

(Lloyd, J. W. and C. G.)

1904

Piscidia Erythrina.

Drug Treatise, No. 33, p. 28.

The history, chemical composition, physiological action, and uses as well as a description of their preparation containing *Piscidia Erythrina* is reported.

Ricker, R.

1916

Piscidia.

Standard Cyclopedia of Horticulture, 5, p. 2648.

The uses of *Piscidia erythrina* are given with a description of the leaves.

Pittenger, P. and Ewe, G.

1919

The Standardization of *Piscidia Erythrina* (Jamaica Dogwood).

Penn. Pharm. Assoc., 42, p. 199. (Am. Jour. Pharm., 91, p. 575; Dispens. U. S. A., 21 ed., p. 1432; *ibid.*, 22 ed., p. 1526; Yr. Bk. Am. Pharm. Assoc., 8, p. 239.)

A method of standardizing *Piscidia Erythrina* biologically on dogs is given. The failures and shortcomings of chemical assays are explained.

Sargent, C.

1922

Ichthyomethia piscidula A. S. Hitch. Jamaica Dogwood.

Trees of North America, 2 ed., p. 629. (Jour. Chem. Soc., 85, p. 629.)

A botanical description and the habitat of *Piscidia erythrina* is given.

Cohen, S. S.

1928

Piscidia.

Pharmaco-Therapeutics, p. 1544. (Lloyd Bros., Drug Treatise, No. 33, p. 31.)

The history, use and therapeutic effect of *Piscidia erythrina* is given.

Danckwortt, P. and Schlitte, E.

1934

Untersuchungen über die chemischen Bestandteile eines als Cortex Piscidiae Erythrinae gehandelten Droge.

Arch. d. Pharm., 272, p. 701. (Arch. d. Pharm., 274, p. 388. Chem. Zentr., 108, p. 108.)

Carries out various tests on the bark of Piscidia Erythrina using a number of solvents; gives the percentage of each constituent found, and several pharmacological tests.

Hauschild, F.

1936

Darstellung eines noch wirksamen Fischgiftes aus Cortex Piscidiae Erythrinae.

Arch. Pharm., 274, p. 388. (Pharm. Abstracts, 3, p. 105.)
Chem. Zentr., 108, p. 108; Pharm. Abstracts, 4, p. 223.

States that the activity of the drug is not due to the saponin content of the bark. Purely physical methods must be used to isolate the active principle for saponification reduces its activity. The relationship of this substance to rotenone and rotenone derivatives is also discussed.

Bibliography

of

UMBELLULARIA CALIFORNICA (Arnott) Nuttall

Heamy, J. 1875

Oreodaphne Californica, Nees, Nat. Ord. Lauraceae.

Am. J. P., 47, p. 105. (Am. Dispens. Supp., 15 ed., p. 192; ibid., 16 ed., p. 192; ibid., 18 ed., 2, p. 1731;¹ Am. Jour. Pharm., 54, p. 625; ibid., 91, p. 105; Dispens. U. S. A., 18 ed., p. 1749; ibid., 19 ed., p. 1595; ibid., 20 ed., p. 1527; ibid., 21 ed., p. 1408; ibid., 22 ed., p. 1502.)

A general description and history of the plant is given. The results of an examination and a description of the constituents found in the volatile oil are also reported.

Stillman, J. 1880

Ethereal Oil of California Bay Tree.

Am. Chem. Jour., 2, p. 38. (Am. J. P., 52, p. 313; King's Am. Dispens., 18 ed., V. 2, p. 1732.)

An analysis of the oil found in the leaves of Umbellularia Californica is given.

King, J. and Lloyd, J. U. 1881

Umbellularia Californica.

Am. Dispens. Supp., 15 ed., p. 192; ibid., 16 ed., p. 192; ibid., 18 ed., V. p. 1731.²

A description of the plant, its use in medicine and dose are given.

¹ & ² No longer in the supplement.

Stillman, I. and O'Neill, E.

1882

On the Occurrence of a new Fat Acid in the Nut of the California Bay Tree.

Amer. Chem. Jour., 4, p. 206. (Am. Jour. Pharm., 54, p. 625; New Penn., 12, p. 50; Dispens. U. S. A., 16 ed., p. 1947; ibid., 17 ed., p. 1765; ibid., 18 ed., p. 1822; ibid., 19 ed., p. 1686; ibid., 20 ed., p. 1651; ibid., 21 ed., p. 1515; ibid., 22 ed., p. 1627; Proc. A. Ph. A., 31, p. 109.)

A brief description of the plant *Umbellularia Californica* is given with a method used in extracting umbellulic acid from the seed.

Stille, A. and Maisch, J.

1884

Sassafras---Allied Plants.

Nat. Dispens., 3 ed., p. 1352; ibid., 5 ed., p. 1427.

A brief description of *Umbellularia Californica* and of the work done on the plant is given.

Wood, G. B. and Bache, F.

1892

Umbellularia Californica, California Laurel,

Dispens. U. S. A., 16 ed., p. 1947; ibid., 17 ed., p. 1765; 3 ibid., 18 ed., p. 1822; ibid., 19 ed., p. 1686; ibid., 20 ed., p. 1651; ibid., 21 ed., p. 1515; ibid., 22 ed., p. 1627.

Discuss the uses of the plant, and the constituents isolated from it.

Sawyer, J.

1894

Odorographia.

A Natural History of Raw Materials and Drugs Used in the Perfume Industry, 1 ed., p. 64. (Jour. A. Ph. A., 24, p. 207.)

(Reports that deyl umbellularia oil has a sp. gr. of 0.936 and a solubility of 1:1000 in water.)

Über die Blätter des „Kalifornischen Lorbeers“, *Umbellularia Californica* Nutt.

Apotheker Zeitung., 11, p. 108. (Dispens. U. S. A., 18 ed., p. 1822; *ibid.*, 19 ed., p. 1686; *ibid.*, 20 ed., p. 1651; *ibid.*, 21 ed., p. 1515; *ibid.*, 22 ed., p. 1627.)

A description of the volatile oil and of the leaves is given.

Schemmel and Co.

Tabelle Atherischer Oele mit Angabe.

Berichte, April 1897, p. 30. (Dispens. U. S. A., 18 ed., p. 1822; *ibid.*, 19 ed., p. 1686; *ibid.*, 20 ed., p. 1651; *ibid.*, 21 ed., p. 1515; *ibid.*, 22 ed., p. 1627.)

Data relative to the various physical and chemical constants are given for the oil obtained from the plant.

Gildemeister, E. and Hoffmann, F.

1899

Californisches Lorbeeröl.

Die Aetherischen Oele, 1 ed., p. 527. (Jour. Chem. Soc., 85, p. 630.)

Reports that the inhaling of the oil obtained from California Bay Laurel results in severe headaches and excites a flow of tears.

Wood, G. B. and Bache, F.

1899

Oreodaphne Californica.

Dispens. U. S. A., 18 ed., p. 1749; *ibid.*, 19 ed., p. 1595; *ibid.*, 20 ed., p. 1527; *ibid.*, 21 ed., p. 1408; *ibid.*, 22 ed., p. 1502.

Give a description of the volatile oil obtained from the leaves of the above named plant is given.

Lees, F.

1904

Some Derivatives of Umbellulone.

Jour. Chem. Soc., 85, p. 639.

The action of bromine, potassium, permanganate and other oxidizing agents on umbellulone is reported.

Power, F. and Lees, F.

1904

The Constituents of the Essential Oil of Californian Laurel.

Jour. Chem. Soc., 85, p. 629. (Chem. and Drugg., 69, p. 59; Jour. A. Ph. A.m 24, p. 207.)

The method employed in analyzing the oil of Umbellularia Californica and the constituents found are reported.

Tutin, F.

1906

The Constitution of Umbellulone.

Chem. and Drugg., 69, p. 59. (Jour. A. Ph. A., 24, p. 207; Jour. Chem. Soc., 93, p. 252.)

Reports the results obtained from the investigation of the ketone umbellulone and his conclusions as to its chemical constitution.

Semmler, F.

1907

Zur Kenntnis der Bestandteile Aetherischer Ole
(Aufklärung der Konstitution des Umbellulons $C_{10}H_{14}O$.)

Berichte d. d. Chem. Gessll., 40, p. 5017. (Chem. and Drugg., 72, p. 277; Chem. Abst., 2, p. 837; Jour., A. Ph. A., 24, p. 201.)

A formula and chemical name for the acid found in Umbellularia Californica is suggested.

Tutin, F.

1907

The Reduction of Umbellulonic Acid.

Chem. and Drugg., 70, p. 268. (Pharm. Jour., 78, p. 174.)

Discussed the products obtained upon the reduction of umbellulonic acid and gives a structural formula for it.

Parry, E.

1908

Californian Bay Laurel.

Chemistry of Essential Oils, 1 ed., p. 237. (Jour. A. Ph. A., 24, p. 207.)

Reports on the constituents found in the oil of *Umbellularia Californica*.

Tutin, F.

1908

The Constitution of Umbellulone (Cont.).

Chem. and Drugg., 72, p. 277.

Gives a structural formula for umbellulone showing it to be a ketone.

Jepson, W. L.

1910

Umbellularia Californica Nutt.

The Silva of California, V. 2, p. 243. (Jour. A. Ph. A., 24, p. 207.)

A detailed description and history of *Umbellularia Californica* is given.

Spiegel, L.

1915

Hydroaromatic Compounds.

Chemical Constitution and Physiological Action of Drugs,
pp. 73-76. (Jour. A. Ph. A., 24, p. 207.)

Compares the ketones found in Umbellularia Californica
with similar ketones and gives their structural formulas.

Wienhaus, H. and Todenhofer, K.

1929

Untersuchungen uber Umbellulon und Umbellularia Ol.

Ber. der Sch. and Co. Jubileums Ausgabe, 1929, p. 285. (Jour.
A. Ph. A., 24, p. 207.)

A detailed report on the constituents found in volatile
oil obtained from Umbellularia Californica is given.

Drake, M. and Stuhr, E.

1934

Some Pharmacological and Bactericidal Properties of
Umbellulone.

Jour. Am. Pharm. Assoc., 24, p. 196. (Pharm. Abstracts,
2, p. 104.)

Give the history concerning the naming of the plant,
which we know today as Umbellularia Californica is
reported. A detailed report on the physiological action
of a ketone, umbellulone, found in the plant, when used
as a fungicide or germicide, is also given.

Rydon, H. N.

1936

The Synthesis of Umbellularic Acid.

Jour. Chem. Soc., 1936, p. 829. (Pharm. Abstracts, 2, p. 361)

A detailed method of preparing umbellularia with a
structural formula showing the various groups known to
be present in the acid.

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1858; 12 ed., 1869; 13 ed., 1871; 14 ed., 1879; 15 ed.,
1883; 16 ed., 1892; 17 ed., 1894; 18 ed., 1899; 19 ed.,
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73-100; 1925-1938.
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