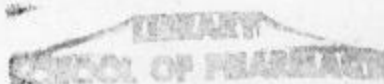


BIBLIOGRAPHY OF MUCUNA

By

RALPH NICHOLAS MOORE



A Thesis Submitted for the Degree of

GRADUATE IN PHARMACY

UNIVERSITY OF WISCONSIN

1930

Smith, J. (Capt.)

1624

A Poifoned Weed.

The General History of Virginia, New England and the Summer Isles, etc., p. 170. (Sloane's Catalogus Plantarum, p. 69).

The original was not available.

Laet, J. de

1640

An herba venenata in Infula Bermudez.

L'Histoire du Nouveau Monde, etc., 1 Cap. 19. (Sloane's Catalogus Plantarum, p. 69).

The original was not available.

Parkinson, J.

1640

Phaseolus siliqua hirsuta. (Cowhage)

Theatrum Botanicum, etc., p. 1065. (Pharmacographia, 1 ed., p. 165; Ibid., 2 ed., p. 189. Sloane's Catalogus Plantarum, p. 69.)

Original not available.
(Named the drug "*Phaseolus siliqua hirsuta*,
The Hairy Kidney-Beane called in Zurrat [Surat]
where it groweth cowhage").

Ray, J.

1686

Phaseolus zurratensis siliqua hirsuta,
cowhage dicta.

Historia plantarum, V. 1, p. 887, (Woodville's Med. Bot., 2 ed., V. 3, p. 422; Pharmacographia, 1 ed., p. 165; Ibid., 2 ed., p. 189; Pereira Materia Medicine & Therapeutics 3 ed. V.2, p. 822).

The original was not available.

Hermann, P.

1689

*Phaseolus Utriufigue Indiae lobis villofis
pungentibus minor.*

Pardasi Batava Prodromus, etc., p. 364; (Sloane's Catalogus Plantaru, p. 69).

The original was not available.

Plukenet, L.

1691

*Phaseolus Americanus, foliis molli languine
obsitis, siliquis pungentibus, semine fusco
punctato.*

Phytographia, p. 214, fig. 1. (Woodville's Med. Bot., 2 ed., V. 3, p. 422; Sloane's Catalogus Plantarum, p. 69; Wildenow Linne's Species Plantarum, 4 ed., V. 3, pt. 2, p.1041).

The original was not available.

Plumier, C.

1693

Phaseolus virgatus hirsutus purigineus.

Description des plantes de l'Amerique avec leurs figures. p....., Spec. 8; (Woodville's Med. Bot., 2 ed., V.3, p.422).

The original was not available.

Rheede, H.A. van

1694

Nai - Corana.

Hortus Indicus Malabaricus, V. 8, p. 61, t.35. (Woodville's Med. Bot., 2 ed., V. 3, p. 422; Sloane's Catalogus Plantarum, p. 69; Wildenow Linne's Species Plantarum, 4 ed., V. 3, pt. 2, p. 1042; De Candolle Prodromus, V.2, p. 405; Pharmacographia, 1 ed., p. 165; Ibid., 2 ed., p. 189).

The original was not available.

Sloane, H.

1696

Dolichos puriens.

Catalogus Plantarum, p. 69; (Willdenow Linne's Species plantarum, 4 ed., V.3, pt. 2, p. 1041).

A description of the plant, and its habitat, with references.

Sloane, H.

1707

Phaseolus Utrinsque Indiae, lobis villosis pungentibus minor.

Sloane Voyage to Jamaica, V.1, p. 37; (Woodville's Med. Bot., 2 ed., V.3, p.422; Willdenow, Linne's Species Plantarum, 4 ed. V. 3, pt.2, p.1041).

Gives a description of the plant and references. The plant is called a poison weed by the natives.

Rumph, G. E.

1751

Mucuna Pruriens.

Herbarium Amboinense, V.5, p.393, t.142; (De Candolle, Prodrum, V.2, p.405; Woodville's Med. Bot., 2 ed. V.3, p.422; Willdenow Linne's Species Plantarum, 4 ed. V.3, pt. 2, p.1042).

The original was not available.

Browne, P.

1756

Mucuna Pruriens.

Civil and Nat. Hist. of Jam., p. 290, t.3, f.4, (De Candolle,

Prodromus, V.2, p.405, Woodville's Med. Botany, 2 ed. V.3, p.422; Bently & Trimen, Medicinal Plants, V.2, p.78; Wildenow Linne's Species Plantarum, 4 ed., V.3, p. 2, p.1042; Pereira Materia Medica and Therapeutics, 3 ed., V.2, p.822).

(A decoction of the root or of the legumes is said to be diuretic, and was formerly used in dropsy).

Jacquin, N. J.

1763

(*Dolichos Pruriens*).

Selectarum stirpium Americanarum historia, adjectis inconibus in solo natali delineatas, p.201, t.122. (Wildenow, Linne's Species plantarum, 4 ed., V.3, pt. 2, p.1041; Lindley, Flora Medica, p.254; Woodville's Medical Botany, 2 ed., V.3, p.422).

The original was not available.

Kerr.

1775

Medical & Philosophical Commentaries, V.2, p.202; (Woodville's Med. Botany, 2 ed., V.3, p.422).

The original was not available.

Cochrane, T.

1784

Concerning the use of cowhage as an Anthelmintic, Med. & Phil. Comment., 2 ed. V.2, p.82; (S.G.L. Index, S.1, V. 3, p.872).

The original was not available.

Chamberlain, Wm.

1785

A practical treatise on the superior efficacy and safety of Stizolobium, or Cowhage (The Dolichos pruriens of Linneaus) internally administered in diseases occasioned by worms.

(S.G.L. Index, S.1, V.3, p.872; Ibid., S.2, V.4, p.462; Plueckiger & Hanbury, Pharmacographia, 1 ed., p.165; Ibid, 2 ed., p.189; Bentley and Trimen, Medicinal Plants, V.2, p.78; Chem. & Drugg., 111, p.287; Phil. Med. Mus., 3 pp. XLVI; Woodville's Med. Botany, 2 ed., V.3, p.426).

(An experiment performed by sprinkling some of the setae among very large worms of the "teres" kind. The worms were viewed through a magnifying glass and it was perceived that none of the spiculae, which had once entered into the skin, dropped off).

De La Marck, J.B.P.A.M.

1786

Mucuna Pruriens.

Dictionnaire Methodique Botanique, V.2, p.290. (DeCandolle, Prodromus, V.2, p.405).

The original was not available.

Loureiro, J. de

1790

Dau Ngua.

Flor. Cochinchinensis, p.438; (Woodville's Med. Bot. 2 ed., V.3, p.422.

The original was not available.

Willdenow, C.L.

1801

Dolichos pruriens, D. volubilis, leguminibus racemofis; valvulis fubcarinatis hirtis pedunculis ternis.

Linne's Species Plantarum, 4 ed., V.3, pt. 2, p.1041;
(De Candolle, Prodrromus, V.2, p.405; Lindley's, Flora
Medica, p.254; U.S. Dispens., 2 ed., p.286; Ibid., 5 ed.,
p. 469; Ibid., 7 ed., p.469; Ibid., 8 ed., p.469; Ibid.,
9 ed., p.484; Ibid., 10 ed., p.484; Ibid., 11 ed., p.506;
Ibid., 12 ed., p.553; Ibid., 13 ed. p.567; Ibid., 14 ed.,
p. 592; Ibid., 15 ed., p.1702; Ibid., 17 ed., p.1694).

Gives the German name of the plant and
the habitat, also a description, various
names with references.

Coxe, J.R.

1806

Dolichos Pruriens.

Am. Disp., 1 ed., p.320; Ibid., 4 ed., p. 221;

A description of the plant and the uses
and medicinal properties of the Pod of
Dolichos pruriens.

Kissam, S.

1807

On the medicinal properties of Cowitch
(Dolichos Pruriens).

Dissertation College of New York. Med. Repts., 2 Hex.,
V.4 (10) p.213.

("One of the earliest inaugural essays
published by a candidate for the doctor-
ate in the college at New York, was on
the medical properties of Cowitch
(Dolichos Pruriens) by Samuel Kissam, of
Hempstead").

Persoon, C.H.

1807

Stizolobium pruriens.

Synopsis plantarum, V.2, p. 299. (U.S. Dispens. 5 ed., p. 469; Ibid., 7 ed., p.469; Ibid., 8 ed., p.469; Ibid., 9 ed., p.484; Ibid., 10 ed., p.484; Ibid., 11 ed., p.506; Ibid., 12 ed., p.553; Ibid., 13 ed., p.567; Ibid., 14 ed., p. 592; Ibid., 15 ed., p.1702; Ibid., 17 ed., p.1694; De Candolle Prodrumus, V.2, p.405).

Gives the habitat and a description of the plant, several names with references.

Woodville, W.

1810

Dolichos Pruriens (Cowhage Dolichos)

Med. Bot., 2 ed., V.3, p.422. (U.S. Dispens., 2 ed., p.286; Ibid., 5 ed., p.469; Ibid., 7 ed., p.469; Ibid., 8 ed., p. 469; Ibid., 9 ed., p.484; Ibid., 10 ed., p.484; Ibid., 11 ed., p.506; Ibid., 12 ed., p.553; Ibid., 13 ed., p.567; Ibid., 14 ed. p.592; Natl. Dispens., 2 ed., p.943; Ibid., 3 ed., p.1004; Ibid., 5 ed., p.1064).

A detailed description of the entire plant with a view of the leaf, pods and hairs. The properties and uses of the pods and hairs are listed with cross references.

Sinclair, G.

1813

De viribus anthelmenticis Geoffraeae inermis et Dolichi prurientis.

Edinburgi, 80. (S.G.L. Index, S.1, V.3, p.872).

The original was not available.

Thacher, J.

1813

Dolichos Pruriens.

New Am. Dispens. 1 ed., p.122; 2 ed., p.215; Ibid., 4 ed., p. 219.

A description and the uses of the pods of Dolichos pruriens.

Bigelow, J.

1822

Dolichos - Cowhage.

Treatise on Materia Medica, 1.ed., p.166.

A description and the uses of the hairs of the pods of mucuna.

Coxe, J.R.

1825

Dolichos E. L. D. A.

Am. Disp., 6 ed., p.259; Ibid., 7 ed., p.269; Ibid., 9 ed., p.299.

A description of the plant, discussion of the medicinal properties and uses of the pods of Dolichos.

De Candolle, A.P.

1825

Mucuna pruriens.

Prodromus, V.2, p.405; (U.S. Dispens., 5 ed., p.469; Ibid., 7 ed., p. 469; Ibid., 8 ed., p.469; Ibid., 9 ed., p.484; Ibid., 10 ed., p.484; Ibid., 11 ed., p.506; Ibid., 12 ed. p.553; Ibid., 13 ed., p.567; Ibid., 14 ed., p.592; Lindley, Flora Medica, p.254).

Gives a technical description of the plant, in latin, with five cross references.

Stephenson, J. and Churchill, J.M. 1827

Med. Botany, V.3, p...t.179; (Lindley, Flora Medica, p.254).

(A complete description of the entire plant and a method of administering the hairs).

Sprengel, K. 1828

Stizolobium pruriens and uriens.

Uersuch einer progmatifchen Gefchichte der Arzneykunde. Funften Theils, p.726.

Discusses the history of cowhage and gives references.

Howard, H. 1832

Dolichos Pruriens.

An Improved System of Botanic Medicine, 3 ed., V.2, p.314.

Gives the habitat and a description of the plant. A method of preparation of the drug when used for a vermifuge is outlined.

Wood, G.B. & Bache, F. 1834

Dolichos.

U. S. Disp. 2 ed., p. 285; Ibid., 3 ed. p. 276; Ibid., 4 ed., p. 286.

A history, description of the plant, its habitat, medicinal properties and uses of the spiculae.

Macfadyen, J.

1837

Flora of Jamaica, V.1, p. 294; (Lindley, Flora Medica, p.254).

(A detailed description of the entire plant and a method of administering the hairs).

Andrews, H. C.

1838

Mucuna pruriens.

Bot. Repository, t. 18; (Lindley, Flora Medica, p. 254).

The original was not available.

Lindley, J.

1838

Dolichos pruriens.

Flora Medica, p. 254; (U.S. Dispens., 5 ed., p.469; Ibid., 7 ed., p. 469; Ibid., 8 ed., p. 469; Ibid., 9 ed., p.484; Ibid., 10 ed., p. 484; Ibid., 11 ed., p.506; Ibid., 12 ed., p.553; Ibid., 13 4d., p.567; Ibid., 14 ed., p.592).

A technical description of the plant, its habitat and uses with cross references.

Wood, G.B. & Bache, F.

1843

Mucuna.

U. S. Dispens., 5 ed., p.468; Ibid., 7 ed., p.468; Ibid., 8 ed., p.468; Ibid., 9 ed., p.484; Ibid., 10 ed., p.484; Ibid., 11 ed., p.506; Ibid., 12 ed., p.553; Ibid., 13 ed., p.567; Ibid., 14 ed., p.592; Bentley & Trimen Medicinal Plants, V.2, p.78.

Gives a history, description of the plant, habitat, medicinal properties and uses of mucuna.

King, J. & Newton, R.S.

1852

Mucuna Pruriens.

Eclectic Dispens., 1 ed., p.267; Am. Dispens., 5 ed., p. 600; Ibid., 6 ed., p.310; Ibid., 8 ed., p.534; Ibid., 10 ed., p.534; Ibid., 15 ed., p.534; Ibid., 16 ed., p.534; Ibid., 18 ed., V.2, p.1291.

A detailed description of Mucuna Pruriens with its history, properties and uses.

Blatin,

1853

(Ointment of Mucuna Pruriens as a counter irritant).

Rev. Med. Chirurgicale, V..., p....; (Assoc. Med. Journ., V..., p....; Am. Journ. Med. Sci. N.S., 25, p.191; Am. Journ. Pharm., 25, p.471).

The ingredients of the ointment and its action and after effects, are discussed.

Pereira, J.

1854

Mucuna Pruriens Common Cowhage or
Cow-itch.

Materia Medica and Therapeutics, 2 ed., V.2, p.1572; Ibid.,
3 ed., V.2, p.822.

A history and description of Mucuna
with cross references.

Weichselbaum, J.

1870

Camphor Liniment an Antidote to the
Irritation of Cowhage.

Am. Jour. Pharm., 42, p.519; (Pharm. Jour., 30, p.663).

A description of the action of cow-
hage on the skin and an antidote that
immediately relieves the itching.

Fluckiger, F. & Hanbury, D.

1874

Setae Mucunae.

Pharmacographia, 1 ed., p.165; Ibid., 2 ed., p.189.

Discusses the Botanical Origin, History,
Description, Microscopic Structure, Chem-
ical Composition and uses of Cowhage,
giving (5) references.

Fluckiger, F.A.

1876

Contributions towards the History of
some drugs.

Mucunae Setae.

Pharm. Journ. 35, p.1023; (New Remedies, 5, p.261).

A history of Mucuna.

Babcock, J.F.,

1878

Vegetable products of Bahama Islands.

Am. Jour. Pharm., 50, p.262.

Among a number of seeds and vegetables exhibited by Prof. Babcock, was the cowhage bush (*mucuna pruriens* Lin.) The products obtained from the plant were also displayed and described.

Stille, A. & Maisch, J.M.,

1879

Mucuna, U.S.

Natl. Dispens., 2 ed., p.943; Ibid., 3 ed., p.1004; Ibid., 5 ed., p.1063.

A description of the plant; its constituents and properties and its habitat.

Bentley, R., & Trimen, H.

1880

Med. Plants, V.2, p.78.

(Natl. Dispens., 2 ed., p.943; Ibid., 3 ed., p.1004; Ibid., 5 ed., p.1064).

A description of the plant and plant parts. A discussion of the general characters and composition along with the medical properties and uses. A full page illustration of the entire plant is also shown.

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

1883

Mucuna Pruriens. De Candolle.

U. S. Dispens., 15 4d., p.1702; Ibid., 17 ed., p.1694.

Gives a description of the plant and the uses of the spicula (hairs) and a history of the plant and drug.

Martin, S.

1883

Examen chimique du fruit du Dolichos urens, et de son emploi en medicine.

Bull. gen. de therap., 70, p.103; (S.G.L. Index, S.2, V.4., p. 462).

The original was not available.

Oldberg, O. & Wall, O.A.

1884

Mucuna.

Companion to the U.S.P., p.709.

A description of the hairs and their uses.

Frontis, D.B.

1887

Obscure symptoms following the indigestion of beans, known as forty foot beans.

North Carolina Med. Jour. 19, p.139; (S.G.L. Index, S.2., V. 4, p.462).

The original was not available.

Correspondent.

1888

Chemical and Drugg., 33, p.70.

A discussion of the irritating glandular hairs of mucuna, mentioning their qualities.

Wordleworth, T.H.

1900

Some Pharmaceutical and Economic plants of Jamaica.

Pharm. Jour., 65, p.163; (Yrbk. Br. Pharm. Conf., 37,p.423).

Speaks of Cowhage (mucuna pruriens) as being dreaded by the native especially when cleaning the land on which cowhage is growing.

1900

Mucuna.

Pharm. Jour., 67, p.272.

A good description and two views of the plant yielding mucuna. One view shows how the hairs are attached to the pods.

Beetem, J.S.

1904

Mucuna pruriens.

Am. Jour. Pharm., 76, p.302.

The fruit of *Mucuna pruriens*
(Cowhage) was among a number of
specimens of vegetables collected
in Jamaica.

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

Mucuna.

U. S. Dispens., 19 ed., p.1572; Ibid., 20 ed., p.1501.

Gives a description of the plant and
then discusses the uses of the spicula.

DeCalvino, E.M. 1922

"Los Pelos Urentes De La Pica Pica"
(The stinging hairs of *Mucuna Prur-*
iens)

Revista Medica, Cubans, 33, p.1; 6 fig.; (Am. Jour. Pharm.,
94, p.617; Yrbk Am. Pharm. Assoc., 11, p.111).

A description of the aerial portion of
mucuna pruriens as found in Cuba and
Porto Rico. Describes the physical
characteristics of the stinging hairs
and the therapeutic properties of the
seeds. Six figures accompany the text.

Xrayser III 1929

"*Stizolobium*" (Cowhage)

Chem. & Drugg. 111 p.315.

A discussion on the origination of
the name "*Stizolobium*".

List of Journals Consulted

- Am(eric)an Drugg(ist) V.13-20; 1884-1891.
- Am(eric)an Drugg(ist) V.73-78; 1925-1928.
- Am(eric)an Drugg(ist) and Pharm(aceutical) Rec(ord)
V.22-72 1892-1924.
- Am(eric)an Jour(nal of) Pharm(acy) V.1-100; 1829-1928.
- Br(itish) and Col(onial) Drugg(ist) V.12-81; 1887-1928.
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1912.
- Drugg(ist) Circ(ular) V.1-72; 1857-1928.
- Drug Trade Weekly V. 1-6, 1918-1922.
- Eclec.(tic) Med(ical) Jour(nal) V. 12-85; 1853-1926.
- Jour.(nal) Am.(eric)an Pharm(aceutical) Assoc(iation)
V.1-17; 1912-1928.
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- New Engl(and) Drugg(ist) V.5-16; 1893-1904.
- New Rem(edies) V.5-12; 1876-1883.
- Pharm(aceutical) Era V.1-65; 1887-1928.
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- Proc(eedings) Am(eric)an Pharm(aceutical) Assoc(iation)
V.1-59; 1851-1910.
- West(ern) Drugg(ist) V.1-50; 1882-1928.
- Y(ea)r B(oo)k. Am(eric)an Pharm(aceutical) Assoc(iation)
V.1-12; 1912-1923.
- Y(ea)r B(oo)k. Br(itish) Pharm(aceutical) Conf(erence)
V.7-65; 1870-1928.

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- Bentley, R. & Trimen, H., Medical Plants, V.2, 1880.
- Bigelow, J., Treatise on Materia Medica, 1st ed. 1822.
- Coxe, J.R. Am(eric)an Dispens(atory) 1 ed., 1806;
4 ed., 1818; 6 ed., 1825; 7 ed., 1827;
9 ed., 1831.
- DeCalvino, E.M. Revista Medica Cubans, 33, 1922.
- DeCandolle, A.P. Prodromus V.2, 1825.
- Fluckiger, F. & Hanbury, D. Pharmacographia, 1 ed.,
1874; 2 ed., 1879.
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3 ed., V.2, 1832.
- King, J. & Newton, R.S. Eclectic Dispens(atory) 1 ed.,
1859; 6 ed., 1864; 8 ed., 1872; 10 ed.,
1875; 15 ed., 1881; 16 ed., 1889; 18 ed.,
1898.
- Lindley, J. Flora Medica 1838.
- Oldberg, O. & Wall, O.A. Companion to the U.S.P.,
1 ed., 1884.
- Pereira, J. Materia Medica, V.2, pt. 2, 1842. 3 ed.,
V. 2, 1854.
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- Sloane, H. Catalogus Plantarum, 1696; Voyage to
Jamaica, V.1, 1707.
- Sprengel, K. Versuch einer Pragmatischen Geschichte der
Arzenykunde, Funften Theils, 1828.
- Stille, A. & Maisch, J.M. National Dispensatory.
2 ed., 1879; 3 ed., 1884; 5 ed., 1894.
- Thacher, J. New Am(eric)an Dispens(atory) 1 ed., 1810;
2 ed., 1813; 4 ed., 1821.
- Wildenow, C.L. Linne's Species Plantarum, 4 ed.,
V. 3, pt. 2, 1801.

Woodville, W., Medical Botany 2 ed., V.3, 1810.

Wood, G. & Bache, F. United States Dispensatory,
2 ed., 1834; 3 ed., 1836; 4 ed.,
1839; 5 ed. 1843; 6 ed. 1845;
7 ed., 1847; 8 ed., 1849; 9 ed.,
1851; 10 ed., 1854; 11 ed., 1858;
12 ed., 1865; 13 ed., 1871; 14 ed.,
1879; 15 ed., 1883; 17 ed., 1894;
19 ed., 1907; 20 ed., 1918.

UNITED STATES PHARMACOPOEIA
(1820-1920)

and

NATIONAL FORMULARY
(1888-1926) (I-V Edition)

HISTORY OF MUGUNA

U.S.P. - 1830 Philadelphia, Primary List, p.11.

Dolichos
Cowhage

Dolichos pruriens. W.iii, p.1041.

Leguminum pubes. The bristles of the pods.

U.S.P. - 1840 Secondary List, p.46.

Mucuna
Cowhage

The bristles of the pods of Mucuna pruriens
(De Candolle).

U.S.P. - 1850 Secondary List.

Mucuna
Cowhage

The bristles of the pods of Mucuna pruriens
(De Candolle).

U.S.P. - 1860 Secondary List, p. 60.

Mucuna
Cowhage.

The hairs of the pods of Mucuna pruriens
(De Candolle).

U.S.P. - 1870 Secondary List, p. 59.

Mucuna
Cowhage

The hairs of the pods of Mucuna pruriens
(De Candolle).

SUMMARY OF U. S. P. DATA ON MUCUNA

Official:

1830 (Phil) '40, '50, '60 & '70.

Official Latin Title:

Dolichos, 1830 Philadelphia.

Mucuna, 1840, '50, '60, '70.

Official English Title:

Cowhage, 1830 (Phil) '40, '50, '60 & '70.

Official Abbreviation: -

Official Syn: -

Official Family: (Nat. Order).

Leguminosae.

Scientific Name:

Dolichos puriens 1830 (Phil)

Mucuna puriens 1840, '50, '60 & '70.

Part Used:

The bristles of the pods, 1830 (Phil) '40 & '50.

The hairs of the pods, 1860 & '70.

Description: -

Official Preparations: -

Dose: -

APPROVED BY

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