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BIBLIOGRAPHY
OF
ANTHEMIS COTULA LINNE

BY
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A THESIS SUBMITTED FOR THE DEGREE OF
GRADUATE IN PHARMACY

UNIVERSITY OF WISCONSIN

1933

Hippocrates, ----.

(ca 400 B.C.)

(Parthenion leptophyllon.)

-----, p. ---; (Bauhin, Pinax, p. 135.)

The original was not available.

Pliny, C.J.

(ca 20 A.D.)

The Anthemis.

Nat. History, lib., ---, chapt., ---; Engl. transl. 1856,
v. 4, p. 411; (Bauhin, Pin. Theat., p. 135.)

Mentions several varieties of Anthemia and how to
differentiate them by the flowers. Also discusses its use
in Medicine and methods of administration.

Dioscorides, ----.

(ca 70 A.D.)

(Cota Vulgo.)

Perihyles iatrikes, p. --; (Bauhin, Pinax, p. 136; Berendes,
Arzneimittellehre des Dioskurides, Lobelius, plantarium seu
Stirpium Historia, p. 447.)

(The original was not available.)----Could not locate
any plant referable to Anthemis Cotula.

Galen, C.

(ca 175)

(Cotula Foetida.)

-----, p. ---; (Bauhin, Pinax, p. 135.)

The original was not available.

Brunfels, O.

1532

(*Cotula Foetida*.)

Herbarium vivae, licones, v. 1, 255; (Barton, Med. Bot., 1, p. 162; Smith, Eng. Flora, v.3., p. 459; Bauhin, Pinax, p.135.)

The original was not available.

Gesner, C.

1541

Cotula Foetida.

Historia plantarum, p. ---; (Bauhin, Pinax, p. 135.)

The original was not available.

Fuchs, L.

1542

Parthenium.

De historia stirpium, p. 582; (Bauhin, Pinax, p. 135; Barton, Med. Bot., 1, p. 162; Smith, Eng. Flora, v.3., p. 459; Bauhin, Pinax, p. 135; Oeder, Flora Danica, v.7, p. 6; Withering, Bot. Arrang. of plants, 2 ed., v.3., p. 954; Lobelins, plantarium seu stirpium historia, p. 447; Chomel, Histoire des plantes, etc., 1 ed., v. 2, p. 525; Ibid., 2 ed., p. 222.)

Gives the name of *Anthemis Cotula* in various languages, also a description of the plant, habitat, properties and superstitions concerning the plant. A differentiation is made between *Anthemis Cotula* and *Matricaria Chamomilla*. A full page illustration of the plant is given on page 583.

Lonicenes, A.

1551

(*Cotula Foetida*.)

Naturalis historiae, p. ---; (Bauhin, Pinax, p. 135.)

The original was not available.

(*Cotula Foetida*.)

Kreuterbuch, p. 147; (Bauhin, Pinax, p. 135.)

Gives a description of the plant, particularly its flowers. Also its chief characteristics and properties. An illustration of the plant is also given.

Guilandimes, M.

1557

(*Cotula Foetida*.)

De stirpium aliquot, etc., (Bauhin, Pinax, p. 135.)

The original was not available.

Cardinus, H.

1560

(*Cotula Foetida*.)

De Subtilitate libri, XXI, p. ---; (Bauhin, Pinax, p. 135; Chomel, De L' Histoire des plantes, etc., 1 ed., v. 2., p. 525; Ibid., 2 ed., p. 222.)

The original was not available.

Dodoens, R.

1574

Cotula Foetida.

Purgantium aliarumque Eo facientium, tum et Radicum, Convolvulorum Ac deleteriarum herbarum Historiae, p. 238.

Gives a description of the plant with its properties and uses. A full page illustration of the plant is given on page 239.

Lobelius, M.

1576

Dadde Bloemen and Koedule.

Aduerssariarum, p. 344; (Lobelius, Plantarium seu Stirpium
Historia, p. 447.)

The original was not available.

Lobelius, M.

1576

Parthenion.

Plantarum seu stirpium historia, p. 447; (Bauhin, Pinax
Theatri, p. 135; Withering, Bot. Arrang. of plants, 7 ed.,
v. 3., p. 954.)

Gives various names by which the plant is known, also
differentiates it from Matricaria. A quotation from Dioscor-
ides and an illustration.

Lobelius, M.

1581

(Cotula Foetida.)

Icones, v. 1., p. 773.2; (Withering, Bot. Arrang. of plants,
7 ed., p. 954; Bauhin, Pinax Theat., p. 135.)

The original was not available.

Caesalpino, A.

1583

Cota Vulgo.

De plantas libri, XVI, p. ---; (Bauhin, Pinax, p. 136.)

The original was not available.

Dodonaeus, R.

1583

(Anthemis Cotula.)

Stirpium Historie, p. --; Pemptades, p. 258; (Barton, Medical Botany, v.1, p. 162; Antis, Flora-Lond., v. 2, part 5, t. 61; Smith, Eng. Flora, v. 3, p. 459; Withering, Bot. Arrang. of plants, 7 ed., v. 3, p. 954; Chomel, Histoire des plantes, etc., 1 ed., v.2, p. 525; Ibid., 2 ed., p. 222.)

The original was not available.

Dalechamps, J.

1587

(Anthemis Cotula.)

Historia generalis plantarum, p. 1345; (Smith, Eng. Flora, v. 3, p. 459.)

The original was not available.

Camerarues, J.

1588

Cotula Foetida.

Hortus medicus et philosophicus, p. --; (Bauhin, Pinax, p. 135.)

The original was not available.

Tabernaemontanus, J.T.

1588

Cotula Foetida.

Neuem Kreuterbuch, etc., 1 ed., p.68; (Bauhin, Pinax, p. 135.)

Gives a description of the plant with a list of other names by which the plant is known, with references.

Thalium, J.

1588

Chamaemelum album feu foetidum.

Sylva Hercynia, p. --; (Bauhin, Pinax, p. 136.)

The original was not available.

Castelli, P.

1620

(*Cotula Foetida*.)

Vera e natural effigredelle pianta, etc., p. --; (Bauhin, Pinax, p. 135.)

The original was not available.

Hill, J.

1620

Anthemis Cotula.

Virtues of British Herbs, 1 ed., p. 26.

Gives a description of the plant and especially the flowers. Also gives time of flowering and some of the supposed uses for *Anthemis Cotula*.

Bauhin, C.

1621

Charmaemelum Foetidum.

Pinax Theatri Botanici, p. 135; (Barton, Med. Bot., 1, p. 162; Willdenow, Linnes Species Plantarum, 4 ed., v.3., p. 2181; Linne Mat. Med., 2 ed., p. 190; Gionavius, Flora Virg., 2 ed., p. 127; Hudson, Flora Anglica, p. 374; Curtis, Flora Lond., v. 2., part 5, t. 61; Smith, English Flora, v.3, p. 459; Linne, Species plant., 1 ed., v.2, p. 894; Berg, Pharm. Bot., p. 319.)

Gives ten synonyms with references.

Gerarde, J.

1633

Mayweed or Wild Chammomill.

Herball or Generall Historie of plants, 2 ed., p. 757; (Withering, Bot. Arrang. of plants, 7 ed., v.3., p. 954.)

Names the kinds, gives a description of the plant, place, time of flowering, names by which it is known, the properties of the drug. An illustration of the plant is also given.

Parkinson, J.

1640

(Anthemis Cotula.)

Theatrum Botanicum, 87, 9; (Barton, Med. Bot., v.1, p. 162;
Withering, Bot. Arrang. of plants, 7 ed., v.3, p. 954.)

The original was not available.

Dodoens, R.

1644

Cotula Foetida.

Cruydeboeck, p. 412; (Bauhin, Pinax theatri, p. 135.)

Describes the plant, gives common names in several
languages and that it is used in medicine.

Bauhin, J.

1651

(Cotula Foetida.)

Historia plantarum, v.3, p. 120, 36; (Barton, Med. Bot.,
v.1., p. 162; Gionovius, Flor. Virg., 2 ed., p. 126; Linne,
Sp. plant., 1 ed., v. 2., p. 894; Berg, Pharm. Bot., p. 319;
Withering, Bot. Arrang. of plants, 7 ed., v.3, p. 954; De
Candolle, Prodromus systematis naturalis, v.6, p. 13.)

The original was not available.

Turre, G.

1660

(Parthenium.)

Catalogues plantarum horti Patavini, p. --; (Bauhin, Pinax,
p. 135.)

The original was not available.

Morison, R.

1680

(Anthemis Cotula.)

Plantarum Historiae Aeniversalis pxoniensis, VI, 12, 10;
(Withering, Arrangement of Br. plants, 7 ed., v.4, p. 954;
Gronovius, Fl. Virg., 2 ed., p. 126.)

The original was not available.

Morison, R.

1680

(Anthemis Cotula.)

Aeniversalis Pxonienis, pt. 6, p. 12, pl. 8; (Withering,
Bot. Arrang. of plants, 7 ed., v.4, p. 954; Barton, Med.
Bot., v.1, p. 162.)

The original was not available.

Ray, J.

1690

(Cotula alba.)

Synopsis methodica, etc., p. 185; (Curtiss, Flora Lond., v.2,
part 5, t. 61; Smith, English Flora, v.3, p. 459; Hudson,
Flora Angelica, p. 374.)

The original was not available.

Petiver, J.

(1713)

(Anthemis Cotula.)

Herbarii Britannica, t.19, f.11; (Barton, Mat. Med., VI,
p. 162; Withering, Bot. Arrang. of Plants, 7 ed., v.3, p.
954.)

The original was not available.

- Rehfeldt, A. 1717
(Anthemis Cotula.)
Hodegus botanicus mensurius, 323; (Barton, Med. Bot., v.1.,
p. 162.)
The original was not available.
-
- Dillinius, J.J. 1732
(Anthemis Cotula.)
Hortus Eethamensis, etc., p. ---; (Barton, Mat. Med., v. 1.,
p. 164.)
The original was not available.
-
- Brookes, R. 1733
Cotula Feotida.
The General Dispensatory, p. 24.
Gives the synonyms and part used of Anthemis Cotula.
-
- Aiton, W. 1739
Anthemis.
Hortus Kewensis, 1 ed., v. 3, p. 237; *ibid.*, 2 ed., v. 5,
p. 107; (Barton, Med. Bot., v.1., p. 162.)
Gives synonyms, habitat, time of flowering and a
description of the flowering heads of Anthemis Cotula.
-

Blackwell, Elizabeth.

1739

(Anthemis Cotula.)

A Curious Herbal, t. 67; (Barton, Med. Bot., v.1., p. 162;
Willdenow, Linnes Species plant., 4 ed., v.3, p. 2181;
Withering, Bot. Arrang. of plants, 7 ed., v.3, p. 954.)

The original was not available.

Chomel, J.

1739

Cammomille.

Abrege De L' Historie Des Plantes Usuellis, 1 ed., v.2,
p. 525; Ibid., 2 ed., v.1, p. 222, 418.)

Gives a number of names by which the plant is known,
also the chief properties and uses of the plant in medicine.
Mentions the various forms by which the drug is administered.

Clayton, J.

(before 1739)

(Anthemis Cotula.)

Herbarium, no. 436; (Gronovius, Flora Virg., 2 ed., p. 126.)

The original was not available.

Royen, A.

1740

(Anthemis Cotula.)

Flora Leydenisis, p. 172; (Barton, Med. Bot., v.1., p. 162;
Willdenow, Linnes Species plant., 4 ed., v.3, p. 2181; Linne,
Sp. plant., 1 ed., v.2, p. 894.)

The original was not available.

Linne, C.

1745

(Anthemis Cotula.)

Flora Suecica, p. 703, 767; (Barton, Med. Bot., v.1, p. 162; Willdenow, Linnes Species plant., 4 ed., v.3, p. 2181; Linne, Mat. Med., 2 ed., p. 190; Gronovius, Flora Virg., 1 ed., p. 127; Curtis, Flora Lond., v.2, part 2, t. 61; Linne, Sp. plant., 1 ed., v.2, p. 894.)

The original was not available.

Dalibard, T.F.

1749

(Anthemis Cotula.)

Florae poisonous prodromis, p. 263; (Barton, Med. Bot., v.1, p. 162; Willdenow, Linne Species plant., 4 ed., v.3, p. 2181; Linne, Sp. plant., 1 ed., v.2, p. 894.)

The original was not available.

Linne, C.

1749

Anthemis Cotula recepticulis Conicis, pallis fetaceis, feminibus Nudis.

Materia Medica, 1 ed., p. 530; Ibid., 2 ed., p. 190; (Barton, Med. Bot., v.1, p. 162; Willdenow, Linne's Species plant., 4 ed., v.3, p. 218; Schoepf, Mat. Med. Am. Lloyd Lib. Bull, p. 125.)

Gives a description of the plant of Anthemis Cotula, its chief uses and medical properties; also the habitat of the plant and the parts used in medicine.

Lewis, W.

1753

Cotula Feotida.

The New Dispensatory, Book 2, p. 119.

Gives the common names for the plant and popular places of growth, also its characteristic odor, and that it is never used in medicine.

Anthemis Cotula.

Species plant., 1 ed., v.2, p. 894; (Barton, Med. Bot., v.1, p. 162; Linne, Mat. Med., 2 ed., p. 190; Aiton, Hart. Kew., 1 ed., v.3, p. 237; Curtis, Flora Lond., v.2, part 5, t. 61; Smith, Eng. Flora, v.3, p. 459; Hudson, Flora anglica, p. 374; De Candolle, Prodrromus systematis naturalis, v.6, p. 13; Schoepf, Mat. Med. Amer., Lloyd library Bulletin, v.1-3, p. 125,; Hayne, Darstellung und Beschreibung der Arzneigwaechse, v.1, p. 6; Griffith, Med. Bot., 1 ed., p. 400; Lindley, Flora Medico, 1 ed., p. 459; Torrey & Gray, Flora of N. America, v.2, p. 408.)

Gives a list of our synonyms with references and also the habitat.

(Chamoemelum Cotula.)

Rariorum Pedemantii stirpium, n. 676; (De Candolle, Prodrromus systematis naturalis, v.6, p. 13; Lindley, Flora medica, 1 ed., p. 459; Winkler, Medicinische-pharmaceutische-Real-Lexikon, 1 ed., v.2, p. 24.)

The original was not available.

(Anthemis Cotula.)

Amoen. Acad., 4, p. 522; (Barton, Med. Bot., v.1, p. 162; Schoepf, Mat. Med. Am., Lloyd Library Bull., no. 1-3, p. 125.)

The original was not available.

Cotula Foetida.

Experimental History of the Materia Medica, 1 ed., p. 204.

Gives the synonyms, a description of the plant, common places of growth, uses in medicine and methods of administering *Anthemis Cotula*. Also a differentiation from Common and German Chamomille.

Gronovius, J.F.

1762

Anthemis.

Flora Virginica, 2 ed., p. 127; (Barton, Med. Bot., v.1, p. 162; Schoepf, Mat. Med. Amer. Lloyd Library Bulletin, v. 1-3, p. 125.)

Gives the various names by which the plant is known with references.

Garsault, F.A. de

1765

Chamaemelum Foetidum.

Explication Abrigee, etc., 1 ed., p. 142.

Gives a description of the plant, stating that it resembles Roman Chamomille. Also a full page illustration of the plant, plate 216, t.2, of "Les Figures, etc."

Garsault, F.A. de

1767

(Anthemis Cotula.)

Description vertus et usages de plantes, p. 216; (Barton, Med. Bot., v.1, p. 162; Withering, Bot. Arrang. of plants, 7 ed., v.6, p. 954.)

The original was not available.

Linne, C.

1767

(*Anthemis Cotula*.)

Mantissa plantarum, p. 474; (Roemer & Schlueter, Linne, Syst. Veg., 14 ed., v.3, p. 776.)

The original was not available.

Haller, A.V.

1768

(*Anthemis Cotula*.)

Historia stirpium indigenarum Helvetiae, n.104; (Barton, Med. Bot., v.1, p. 162; Willdenow, Linne's Species plant., 4 ed., v.3, p. 2181; Curtis, Flora Lond., v.2, part 5, p. 61; Hudson, Flora Anglica, p. 374; Smith, English Flora, v.3, p. 459.)

The original was not available.

Pallas, P.S.

1771

(*Anthemis Cotula*.)

Reise durch verschiedene provinzen des russisches Reichen, v.1, p. 46; (Barton, Med. Bot., v.1, p. 162; Willdenow, Linne's Species plant., 4 ed., v.3, p. 2181.)

The original was not available.

Scopoli, J.A.

1772

(*Anthemis Cotula*.)

Flora Carniolica, 2 ed., n. 1092; (Barton, Med. Bot., v.1, p. 162; Willdenow, Linne's Species plant., 4 ed., v.3, p. 2181; Curtis, Flora Lond., v.2, part 5, p. 61.)

The original was not available.

Pollich, J.A.

1776-1777

(*Anthemis Cotula*.)

Historia plantarum in Palatinatu, n. 817; (Barton, Med. Bot., v.1, p. 162; Willdenow, Linne's Species Plant., 4 ed., v.3, p. 2181.)

The original was not available.

Curtis, W.

1777

Anthemis Cotula--Stinking Mayweed.

Flora Londonensis, v.2, part 5, t.61; (Barton, Med. Bot., v.1, p. 162; Aiton, Hart. Kew., 1 ed., 2-3, p. 237; Smith, Eng. Flora, v.3, p. 459; Withering, Bot. Arrang. of plants, 7 ed., v.3, p. 954; De Candolle, Prodrômus systematis naturalis, v.6, p. 13; Winkler, Medicinisch pharmaceutische Real-Lexikon, 1 ed., v.2, p. 24; Lindley, Flora Medica, 1 ed., p. 459.)

Gives a detailed description of the plant of *Anthemis Cotula*, also its habitats and chief properties. A full page plate of the plant is given.

Lightfoot, J.

1777

(*Anthemis Cotula*.)

Flora Scatica, p. 495; (Curtis, Flora Lond., v.2, part 5, t. 61.)

The original was not available.

Robson, S.

1777

(*Anthemis Cotula*.)

The British Flora, p. 186; (Barton, Med. Bot., v.1, p. 162.)

The original was not available.

De Lamarck, J.B.P.A. de M.

1778

(*Anthemis Foetida.*)

La Flore française, v.2, p. 164; (De Candolle, *Prodromus Systematis naturalis*, v.6, p. 13; Lindley, *Flora Medica*, 1 ed., p. 459.)

The original was not available.

Houttuyn, M.

1779

Anthemis Cotula.

Naturrelyke Historie, etc., pt. 2, st. 10, p. 784; Linne's *Pflanz System*, v.1, p. 237; (Linne's *Species plant*, 4 ed., v.1, p. 661.)

Describes the plant, gives common names in several languages, its distribution, and medicinal uses of the herb and flower. Also gives several names for the plant with references.

Delamarck, J.B.P.A. de Monnet,

1783-1817

(*Anthemis Cotula.*)

Encyclopedie methodique, v.--, p. --; (Barton, *Med. Bot.*, v.1, p. 162.)

The original was not available.

Linne, C.

1784

Anthemis Cota.

Systema vegetabilium, 14 ed., v.3, p. 776; (Curtis, *Flora Lond.*, v.2, part 5, t. 61; Oeder, *Flor. Dan.*, v.7, p. 6.)

Gives a description of the flowers of *Anthemis Cotula* with references.

Schoepf, J.D.

1787

(*Anthemis Cotula*.)

Materia Medica Americana, Lloyd Library Bull., no. 6, p. 125;
Barton, Med. Bot., v.1, p. 162.)

Gives a description of the flowering parts, also synonyms, habitat and uses.

Roth, A.W.

1788

(*Anthemis Cotula*.)

Tentamen Florae germanicae, I-368; II-354; (Barton, Med. Bot., v.1, p. 162; Willdenow, Linne's Species Plant., 4 ed., v.3, p. 2181; Hayne, Darstellung und Beschreibung der Arzneigewaechse, v.1, p. 6.)

The original was not available.

Walter, T.

1788

(*Anthemis Cotula*.)

Flora Caroliniana, p. 211; (Elliot, Botany of S. Carolina & Georgia, v.2, p. 405.)

Gives a description of the flowering parts of *Anthemis Cotula* as found in the Carolinas.

Jussieu, A.L. de

1789

(*Anthemis Cotula*.)

Genera plantarum, p. 185; (Barton, Med. Bot., v.1, p. 163.)

The original was not available.

Smith, J.E.

1790?

(*Anthemis Cotula*.)

English Botany, v.25, t. 1772; (Barton, Med. Bot., v.1, p. 162; Bigelow, plants of Boston, 1 ed., p. 202; Smith, Eng. Flora, v.3, p. 459; Withering, 2 ed., v.3, p. 954; Lindley, Flora Medica, 1 ed., p. 459.)

The original was not available.

Hoffmann, G.F.

1791

(*Anthemis Cotula*.)

Deutschland's Flora, p. 303; (Barton, Med. Bot., v.1, p. 162; Hayne, Darstellung und Beschreibung der Arzneigewaechse, v.1, p. 6; Willdenow, Linne's Species plant., 4 ed., v.3, p. 2181.)

The original was not available.

Sibthorp, J.

1794

(*Anthemis Cotula*.)

Flora Oxoniensis, p. 259; (Barton, Med. Bot., v.1, p. 162.)

The original was not available.

Lambert, A.B.

1797

(*Anthemis Cotula*.)

Illustrations of the genus *Cinchona*, etc., t.603, f.3; (Barton, Med. Bot., v.1, p. 162; Persoon, Synop. plant., v.2, p. 466.)

The original was not available.

Abbot, C.

1798

(*Anthemis Cotula*.)

Flora Bedfordshire, p. 186; (Barton, *Med. Bot.*, v.1, p. 162.)

The original was not available.

Hudson, G.

1798

Anthemis receptaculis Conicis, palais fetaceis, ferminibus nudis.

Flora Anglica, p. 374; (Barton, *Med. Bot.*, v.1, p. 162; Curtis, *Flora Lond.*, v.2, pt. 5, t. 61.)

Gives the habitat of the plant, also a description of the various plant parts and common names.

Hull, J.

1799

(*Anthemis Cotula*.)

The British Flora, 188; (Barton, *Med. Bot.*, p. 162.)

The original was not available.

Oeder, G.C.

1799

Bupthalmum.

Flora Danica, v.7, p. 6, plate 2, 1179; (Barton, *Med. Bot.*, v. 1, p. 162; Withering, *Bot. Arrang.* 7 ed., v.3, p. 954; DeCandolle, *Prodromus, systematis naturalis*, v.3, p. 13; Winkler, *Medicinische pharmaceutische Real-Lexikon*, 1 ed., v.2, p. 24.)

Gives a common name with a reference and scientific name with reference. Also a full page colored plate of the plant of *Anthemis Cotula*.

Anthemis Cotula.

Linne's Species plant., 4 ed., v.3, p. 2181; (Wood & Bache, Dispens. of U.S.A., 2 ed., p. 267; Ibid., 3 ed., p. 257; Ibid., 4 ed., p. 264; Ibid., 5 ed., p. 278; Ibid., 6 ed., p. 278; Ibid., 7 ed., p. 278; Ibid., 8 ed., p. 278; Ibid., 9 ed., p. 287; Ibid., 10 ed., p. 294; Ibid., 11 ed., p. 306; Ibid., 12 ed., p. 330; Ibid., 13 ed., p. 340; Ibid., 14 ed., p. 354; Barton, Med. Bot., v.1, p. 162; Persoon, Synop. plant, v.2, p. 466; Elliot, Botany of S. Car. & Georgia, v. 2, p. 405; Smith, Eng. Flora, v.3, p. 459.)

Gives a description of the flowering parts, lists its common names and the habitat of Anthemis Cotula.

Withering, W.

1800

(Anthemis Cotula.)

A Botanical Arrangement of plants, 5 ed., v.3, p. 910; Ibid., 7 ed., v.3, p. 954; (Barton, Med. Bot., v.1, p. 162.)

Description of plant, its various parts, common names, distribution and time of flowering, with sixteen references.

Suter, J.R.

1802

(Anthemis Cotula.)

Flora Helvetica, v.2, p. 195; (Barton, Med. Bot., v.1, p. 162.)

The original was not available.

Smith, J.E.

1804-1805

(Anthemis Cotula.)

Flora Britannica, v.2, p. 906; (Barton, Mat. Med., v.1, p. 162; Smith, English Flora, v.3, p. 459.)

The original was not available.

Shecut, I. L.

1806

Anthemis Cotula.

Flora Carolinallensis, v.1, p. 171.

Gives the synonyms, medicinal virtues, domestic uses, and the habitat of *Anthemis Cotula*.

Tilli, G.L.

1806

(*Anthemis Cotula.*)

Enumeratio stirpium in herto academico Pisano, t. 19; Linne, Syst. Veg., 14 ed., v.3, p. 776.)

The original was not available.

Persoon, C.H.

1807

Anthemis Cotula.

Synopsis plantarum, v.2, p. 466; (Barton, Med. Bot., v.1, p. 162.)

Describes the plant and plant parts of *Anthemis Cotula*.

Rafinesque, C.S.

1807

(*Anthemis Cotuloides.*)

Ex Species Miscell., p. --; (De Candolle, Prodromus systematis naturalis, v.6, p. 13.)

The original was not available.

Sehkuhr, C.

1808

(*Anthemis Cotula.*)

Botanisches Handbuch, etc., t. 254; (De Candolle, Prodromus systematis naturalis, v.6, p. 13; Winkler, Medicinisch-pharmaceutisches Real-Lexikon, 1 ed., v.2, p. 24.)

The original was not available.

Bigelow, J.

1814

Anthemis.

Plants of Boston, 1 ed., p. 202; Ibid., 2 ed., p. 314; Ibid., 3 ed., p. 336; (Barton, Med. Bot., v. 1, p. 162.)

Gives the distribution around Boston, synonym and description of the various plant parts of Anthemis Cotula.

Henry, S.

1814

Mayweed; or Wild Camomille.

American Medical Family Herbal, 1 ed., p. 190.

Gives a description, history, medical virtues and preparations of Anthemis Cotula.

Barton, W.P.C.

1815

(Anthemis Cotula.)

Philadelphiae prodomus Florae, p. 83; (Barton, Med. Bot., v. 1, p. 162.)

The original was not available.

Pursh, F.T.

1816

Anthemis Cotula.

Flora Americana Septentrionalis, 1 ed., v. 2, p. 562; Ibid., 2 ed., v.2, p. 562; (Barton, Med. Bot., v.1, p. 162.)

Gives a description of Anthemis Cotula, with its habitat and common names.

Anthemis Cotula.

Medical Botany, v.1, p. 161; (Dispens. of U.S.A., Wood & Bache, 2 ed., p. 267; Ibid., 3 ed., p. 257; Ibid., 4 ed., p. 264; Ibid., 5 ed., p. 278; Ibid., 6 ed., p. 278; Ibid., 7 ed., p. 278; Ibid., 8 ed., p. 278; Ibid., 9 ed., p. 287; Ibid., 10 ed., p. 294; Ibid., 11 ed., p. 306; Ibid., p. 330, 12 ed.,; Ibid., 13 ed., p. 340; Ibid., 14 ed., p. 354; Griffith, Med. Bot., 1 ed., p. 400; Laney & Gray, Flora of N. Am., v.2, p. 408.)

Gives common names in several languages, lists the scientific names with references. A detailed description of the plant is given, and its medical properties and uses are discussed. A full page colored illustration of the plant with an explanation of the various parts is included.

 Ewell, J.

1817

Mayweed or Camomile.

Med. Comp., 3 ed., p. 557; Ibid., 7 ed., p. 692.

A brief description of the plant, and an account of the flowers.

 Purton, F.

1817

(Anthemis Cotula.)

British plants of the Midland countries, v.2, p. 397;
(Barton, Med. Bot., v.1, p. 162.)

The original was not available.

 Barton, W.P.C.

1818

Anthemis Cotula.

Compendium Florae Philadelphicae, v.2, p. 127.

Gives a description, habitat and synonyms for Anthemis Cotula.

Nuttall, T.

1818

Anthemis Cotula.

The Genera of North Am. plants, v.2, p. 171; (Darlington, Flora Cestrica, 2 ed., p. 489; Elliot, Bot. of South Carolina and Georgia, v.2, p. 405; Torrey & Gray, Flora of N. Am., v.2, p. 408.)

Gives a description of Anthemis Cotula, its habitat, and common names.

Hand, W.

1820

Anthemis Cotula.

House Surgeon & Physician, 1 ed., p. 188.

Gives the synonyms for Anthemis Cotula with a list of many uses for the plant in medicine. States that the plant has the same properties as German Chamomille but less agreeable.

Bigelow, J.

1822

Anthemis Cotula.

Treat. Mat. Med., 1 ed., p. 149.

Gives the habitat, uses and chief characteristics of Anthemis Cotula.

Elliott, S.

1824

Anthemis Cotula.

Botany of South Carolina and Georgia, v.2, p. 405.

Gives a description of the plant, with its habitat and time of flowering.

Cotula.

Am. Dispens., 6 ed., p. 228; Ibid., 7 ed., p. 234; Ibid.,
8 ed., p. 237; Ibid., 9 ed., p. 260.

States that Anthemis Cotula is inferior to the official
Chamomile, and that it has been introduced into Secondary
list of the U.S. Pharmacopoeia.

Ainslie, W.

1826

Chamomile Flowers.

Materia Medica, v.1, p. 67.

Mentions the fact that there was but one variety of
Anthemis grown in Southern Europe in 1814 and that was
Anthemis Cotula.

Cassini de A. Comte, H.G.

1826-1834

(Marula Foetida.)

Opuscules phytologiques, etc., v.29, p. 174; (Berg, Pharm.
Botanik, 1 ed., p. 319; De Candolle, Prodrum systematis,
naturalis, v.6, p. 13.)

The original was not available.

Donn, J.

1826

Anthemis Cotula.

Hortus Cantabrigiensis, 2 ed., p. 334.

Gives latin name, English name, native soil and the
time of flowering of Anthemis Cotula.

Pursh, F.

1826

Anthemis Cotula.

Hortus Cantabrigiensis, 2 ed., p. 333.

Gives the latin name, english name, native soil, where cultivated, and the time of flowering for *Anthemis Cotula*.

Sprengel, K.

1826

(*Anthemis ramosa.*)

Linne's Systema Vegetabilium, 16 ed., v.3, p. 595; (De Candolle, Prodrum Systematis naturalis, v.6, p. 13.)

Gives the floral plan for the flowers of *Anthemis Cotula* with a description of the flowers.

Rafinesque, C.S.

(1828)

Anthemis Cotula.

Medical Flora, v.3, p. 44; (Griffith, Medical Botany, 1 ed., p. 400.)

Gives names for *Anthemis Cotula* in various languages, a description of the plant, its history, places of growth, qualities and properties, and a full page colored (green) illustration of the plant.

Smith, J.E.

1829

Anthemis Cotula.

English Flora, v.3, p. 459; (Lindley, Flora Medica, 1 ed., p. 459.)

Gives a detailed description of the plant parts with the habitat and common names.

Smith, J.E.

1829

(*Anthemis Cotula*.)

A Compendium of the English Flora, p. 126; (Barton, Med. Bot., v.1, p. 162.)

The original was not available.

Tenore, M.

1830

(*Anthemis psorosperma*.)

Viaggio fatto in Abruzzo, etc., p. 128; (De Candolle, Prodromus systematis naturalis, v.6, p. 13.)

The original was not available.

Esenbeck, T. F. L. & Ebermaier, C.

1831

Anthemis Cotula.

Handbuch der medicinisch-pharmaceutischen Botanik, v.2, p. 757.

States that *Anthemis Cotula* seldom occurs as an adulterant of *Matricaria chamomilla* in Germany. Also that *Anthemis Cotula* has a very disagreeable odor.

Lindley, J.

1831

Compositae.

Natural System of Botany, p. 197.

The bitter qualities possessed by the members of the Composite family are discussed, among which *Anthemis Cotula* appears as an example.

Lessing, F.

1832

(*Maruta Foetida*.)

Synopsis Generum Compositum, p. 249; (Darlington, Flora Cestri, 2 ed., p. 489; De Candolle, Prodrromus systematis naturalis, v.6, p. 13.)

The original was not available.

Griffith, R.E.

1832

On the Vegetable Emetics of the United States.

Am. Jour. pharm., 4, p. 283.

Discusses *Cotula* as an emetic; it is unpleasant to the taste and consequently is the least popular.

Ashley, W.

1833

Medico-Botanical Notices, No. 1.

Am. Jour. pharm, 5, p. 297; Griffith, Med. Bot., 1 ed., p. 400.

A discussion of the extent of the use of *Anthemis Cotula* as a vesicant with conclusions as to its action. Also discusses its drawbacks as such a remedy.

Beck, L.

1833

Maruta Cotula.

Botany of Northern & Middle States, 1 ed., p. 212; Ibid., 2 ed., p. 193; (Darlington, Flora Cestrica, 2 ed., p. 489.)

Gives the habitat of *Anthemis Cotula*, the time of flowers and the most common place it may be found in the above area.

Bluff, M.J. & Fingerhuth, K.A.

1833

(*Maruta Vulgaris.*)

Flora Germanicae, v.2, p. 392; (De Candolle, Prodrromus Systematis naturalis, v.6, p. 13; Lindley, Flora Medica, 1 ed., p. 459.)

The original was not available.

Griffith, R.E.

1833

On the Vegetable Tonics of the United States.

Am. Jour. Pharm., 5, p. 289.

Comments on the substitution of *Cotula* (Wild Camomile) for German Camomile as a bitter tonic.

Wood, G.B. & Bache, F.

1834

Cotula.

Dispens. of U.S.A., 2 ed., p. 267; *Ibid.*, 3 ed., p. 257; *Ibid.*, 4 ed., p. 264; *Ibid.*, 5 ed., p. 278; *Ibid.*, 6 ed., p. 278; *Ibid.*, 7 ed., p. 278; *Ibid.*, p. 278, 8 ed.; *Ibid.*, 9 ed., p. 287; *Ibid.*, 10 ed., p. 294; *Ibid.*, 11 ed., p. 306; *Ibid.*, 12 ed., p. 330; *Ibid.*, 13 ed., p. 340; *Ibid.*, 14 ed., p. 354; *Ibid.*, 15 ed., p. 1625; *Ibid.*, 16 ed., p. 1774; *Ibid.*, 17 ed., p. 1609; *Ibid.*, 19 ed., p. 1464; *Ibid.*, 20 ed., p. 1345; *Ibid.*, 21 ed., pp. 137, 1270.)

Gives habitat and detailed description of *Anthemis Cotula* with its characteristic odor, taste and means of administering. It is frequently called Wild Chamomile, and its properties are almost identical with German Chamomile.

Anthemis Cotula.

Anleitung der Kenntniss Sammtlicher der Pharmacopoea Borussica, 1 ed., p. 267.

The flowers are readily distinguished from those of *Matricaria Chamomilla*, Linne, which it resembles very closely, by means of the hollow naked receptacle.

Guibourt, N.J.

1836

Anthemis Cotula.

Histoire Abriges Des Drogues Simples, 3 ed., v.2, p. 243; Ibid., 4 ed., v.3, p. 39.

Gives a description of the flowering parts of *Anthemis Cotula*, describes its odor and other characteristics.

Darlington, W.

1837

Anthemis.

Flora Cestrica, 2 ed., p. 489; Ibid., 3 ed., p. 145; (Terrey & Gray, Flora of N. Am., v.2, p. 408.)

Gives a description of *Anthemis Cotula*, also places of growth near Chester, Pennsylvania, and time of blossoming.

De Candolle, A.P.

1837

Maruta Cotula.

Prodromus Systematis Naturalis, v.6, p. 13; (Wood & Bache, Dispens. of U.S.A., 12 ed., p. 330; Ibid., 13 ed., p. 340; Ibid., 14 ed., p. 354; Griffith, Med. Bot., 1 ed., p. 400; Lindley, Flora Medica, 1 ed., p. 459; Winkler, Medicinische pharmaceutisches Real-Lexikon, 1 ed., v.2, p. 24.)

Describes the plant and gives a list of synonyms with references, its distribution, scientific names with references and one variety, *Lithuanica*.

Lindley, J.

1838

Maruta Cotula.

Flora Medica, 1 ed., p. 459; (Griffith, Med. Bot., 1 ed., p. 400.)

Gives a description of the plant and a list of names by which it is known and references for these names. Also the most common places of growth, and the action of the plant parts on the body.

Winkler, E.

1840

Maruta Foetida, Cass.

Vollständiges Real-Lexikon der medicinisch-pharmaceutischen naturgeschichte und Rohwaarenkinde, 1 ed., v.2, p. 24.

Gives several common names, scientific names with references. Describes various parts of plant particularly flowers, their uses both for themselves and as substitutes for other drugs.

Torrey, J. & Gray, A.

1843

(Maruta Cotula.)

Flora of North America, v.2, p. 408; (Griffith, Med. Bot., 1 ed., p. 400.)

Gives a description of the plant with a list of synonyms and references. Also states where it is found in North America.

Good, P.

1847

Maruta Cotula.

The Family Flora, 1 ed., v.1, p. 13.

Gives a full page, colored illustration of Anthemis Cotula. Describes the plant, its place of growth, use in medicine, and chemical constituents.

Griffith, R.E.

1847

Maruta.

Medical Botany, 1 ed., p. 400.

Gives the common names, foreign names, habitat, medical properties and a description of *Anthemis Cotula*. Also an illustration of the plant and references.

Lee, C.A.

1848

Maruta Cotula.

Medicinal plants indigenous and exotic growing in the State of New York, p. 32.

Anthemis Cotula is a troublesome weed, introduced from Europe. Gives its botanical characteristics, and states that it has a blistering action when applied to the skin.

King, J.

1852

Anthemis Cotula.

Elect. Dispens. U.S.A., 1 ed., p. 67; *Ibid.*, 6 ed., p. 592; *Ibid.*, 8 ed., p. 517; *Ibid.*, 10 ed., p. 517; *Ibid.*, 16 ed., p. 517.

Gives a short history and an account of the uses, habitat, preparations of the drug, and synonyms.

Hayne, F.G.

1853

Anthemis Cotula.

Darstellung und Beschreibung der Arzneigewächse, v.1, p. 6; (De Candolle, *Prodromus systematis naturalis*, v.6, p. 13; Kunth, *Anleitung zur Kenntniss, sammtlicher der pharmacopoea Gewächse*, 1 ed., p. 267; Winkler, *Medicinisch-pharmaceutischen Real-Lexikon*, 1 ed., v.2, p. 24.)

Gives a number of scientific names with references, common names, description of various parts of the plant. A full page colored illustration with explanation.

Gray, A.

1856

Maruta Cotula.

Manual of the Botony of the Northern United States, 2 ed.,
p. 225; (Barton, Med. Bot., v.1, p. 162.)

Gives a description of the plant, with its common
names, also states that the derivation of the plant is
unknown.

(Committee.)

1858

Report on the Home Adulteration of Drugs.

Proc. Am. Pharm. Assoc., 7, p. 224.

A general discussion of common means of adulterating
drugs. Anthemis Cotula is sometimes used to adulterate
German Chamomile.

(Editor.)

1858

(Maruta Cotula.)

Am. Jour. Pharm., 30, p. 390.

Commenting on Waireis thesis, states that the bruised
fresh plant is used as a depleting vesicant in dropsy, being
applied to the soles of the feet.

Warner, W.H.

1858

Observations on Anthemis Cotula.

Am. Jour. Pharm., 30, p. 390; (Wood & Bache, Dispens. of
U.S.A., 12 ed., p. 330; Ibid., 13 ed., p. 340; Ibid., 14 ed.,
p. 354; Ibid., 15 ed., p. 1625; Ibid., 16 ed., p. 1774; Ibid.,
17 ed., p. 1609; Ibid., 19 ed., p. 1464; Ibid., 20 ed., p. 1345;
Ibid., 21 ed., p. 1270; King, J., Elect. Dispens., of U.S.A.,
6 ed., p. 592; Ibid., 8 ed., p. 517; Ibid., 10 ed., p. 517;
Ibid., 16 ed., p. 517; Felter & Lloyd, Ding's Am. Dispens.,
18 ed., p. 613; Stille, & Maisch, Nat. Dispens., 2 ed., p. 470;
Ibid., 3 ed., p. 512; Ibid., 5 ed., p. 464; Proc. Am. Pharm.
Assoc., 8, p. 49.)

(Continued.)

In a thesis submitted to Philadelphia College of Pharmacy, discusses the habitat, common names, preparations and properties of the infusion and the decoction. The activity of various plant parts, the then conception of constituents of Cotula; also the medicinal properties of Cotula.

Henkel, J.B.

1862

Anthemis Cotula.

Medizinisch-pharmazeutische Botanik, 1 ed., p. 125.

Gives a description of the plant and flowering tops of Anthemis Cotula; states they are similar to Matricaria Chamomilla.

1862

(Cotula as an Insecticide.)

Pharm. Ztschr f. Russland, 1, p. 578; (Am. Jour. Pharm., 91, p. 30.)

(A short statment as to the parts and products of Anthemis Cotula, which may be used effectively as insecticides.)

Hollembaek, H.

1865

Anthemis Cotula.

The Am. Eclectic Mat. Med., p. 42.

Gives a detailed description of Anthemis Cotula, a brief outline of its history with the medicinal properties and uses of the plant; also synynms and common names.

Berg, O.

1866

Anthemis Cotula.

Pharmozeutische Botanik, 1 ed., p. 319.

Gives a description of the plant and lists two synonyms with references.

Berg, O.

1869

Flores Chamomillae Vulgaris & Romanae.

Pharmazeutische Waarenkunde, v.2, p. 328; Ibid., v.3, p. 313.

Under Roman Chamomille, mentions that the flowers of *Anthemis Cotula* Linne, are an adulterant and points out the differences.

Guibourt, N.J.

1869

Anthemis Cotula.

Histoire Abregie De Drogues Simples, 6 ed., v.3, p. 57.

Points out the resemblance of *Anthemis Cotula* to *Anthemis Arvensis*, giving the differences in flower parts, odor and places of growth.

Garrigues, S.S.

1871

On Insect Powder.

Proc. Am. Pharm. Assoc., 19, p. 506; (Am. Jour. Pharm., 91, p. 30; U.S. Dept. Agric. Bull., No. 1201, p. 27.)

A discussion of the properties of *Maruta Cotula* in the destruction of certain insects. The decoction of the leaves being used.

Lexidar, D.

1871

Anthemis Cotula.

Flora Farmaceutica de Espana y Portugal, 1 ed., p. 808.

Gives a description of the plant of *Anthemis Cotula*, with its chief characteristics and properties.

Pollock, A.

1872

Anthemis Cotula.

Botanical Index to Medicinal plants, 1 ed., p. 7.

Gives a common name for *Anthemis Cotula* in five languages.

Kulbrunner, ---.

1874

Chrysanthemum raseum.

Zeitschr. osterr, Apoth. Ver., 1, p. 543; (Tschirch, Handbuch der pharmakognosie, 1 ed., v.3, p. 207; U.S. Dept. Agric. Bull., No. 1201, p. 27.)

The flowers of *Anthemis Cotula* are inactive as an insecticide when compared with those of the above mentioned plant.

Barton, B.H. & Castle, L.

1877

Anthemis Nobilis.

The British Flora Medica, 1 ed., p. 96.

Gives a description of the plant, its habitat, uses and methods for administering.

Barton, B.H. & Castle, T.

1877

Chamomile.

The British Flora Medica, p. 96.

States that the only other species of Chamomile besides *Anthemis Nobilis* is *Anthemis Cotula*. Gives its distinguishing characteristics.

Gauvet, D.

1877

Anthemis Cotula.

Nouveaux Elements D' Histoire Naturelle Medicale, 2 ed., v.2, p. 706.

Compares the flowers of *Anthemis Cotula* with that of Roman Chamomile, points out differences, and gives medicinal properties of first.

Hooker, G.

1877

Florae Boreali-Americanae, v.2, p. 318; (Torrey & Gray, *Flora of N. Amer.*, v.2, p. 408.)

The original was not available.

Stille, A. & Maisch, J.M.

1879

Cotula--Mayweed.

Nat. Dispens., 1 ed., p. 464; *Ibid.*, 2 ed., p. 470; *Ibid.*, 3 ed., p. 512; *Ibid.*, 5 ed., p. 546.

A detailed description of the *Cotula* plant, an account of its habitat and the properties, qualities and uses of the flower heads.

Planchon, G.

1881

Insecticidal plants and their cultivation.

New Remedies, 10, p. 3.

Discusses the frequent use of flower heads of *Anthemis Cotula* as an adulterant in the preparation of insecticides.

Merrell, A.

1883

Maruta Cotula.

A Digest of Materia Medica and Pharmacy, 1 ed., p. 304.

Gives the part used, constituents, preparations, uses, of *Anthemis Cotula*. Also the dose of the tincture.

Johnson, L.

1884

Maruta--Mayweed.

A Manual of the Medical Botany of North America, 1 ed., p. 180.

Gives a description of *Anthemis Cotula*, its habitat, constituents, medical properties, uses, and the part used.

Hurd, G.E.

1885

Histological and Chemical examination of *Anthemis Cotula*, Linne.

Am. Jour. Pharm., 57, pp. 376 & 381; (Wood & Bache, Dispens. of U.S.A., 21 ed., p. 137; Proc. Am. Pharm. Assoc., v.34, p. 412; Drogendorff, Die Heilpflanzen, etc., 1 ed., p. 675.)

A detailed discussion of *Anthemis Cotula*, taken from an inaugural assay. The structure of the plant, and its tissues and the analytical determinations are given. An account of the results determined from several distillations of various plant parts for the extraction of the oil. An explanation of the experimental work carried on in connection with the acid ingredients is given, and characteristics of the various compounds obtained.

Slocum, F.L.

1885

Theoretical Observations on Anthemis Cotula.

Am. Jour. Pharm., 57, p. 381; (Proc. Am. Pharm. Assoc., 34, p. 412.)

States the probable constituents of Anthemis Cotula, and the results obtained with the drug.

Femner, B.

1886

Maruta Cotula.

Femner's Work. Form, 2 ed., p. 451.

The use and administration of Cotula are discussed.

(Editor.)

1887

(Leucanthemum Vulgare.)

Pharm. Jour., 46, p. 802; (Yrbk. Brit. pharm. conf., 24, p. 183.)

In commenting on J.S. Hawe's paper on Leucanthemum Vulgare in the Boston Medical Journal, 1887, p. 227, says: "Anthemis Cotula is known to have produced symptoms, the same as Leucanthemum; that is, troublesome itching and vesicles."

Geissler, E. & Moeller, J.

1887

Anthemis Cotula.

Real-Encyclopädie der Gesammten pharmacie, 1 ed., v.2, p. 646.

Gives a description of the plant, the uses and time of collection, the flowering tops.

Maisch, J.M.

1887

Cotula.

A Manual of Organic Materia Medica, 3 ed., p. 273; Ibid., 5 ed., p. 279; Ibid., 6 ed., p. 266.

Gives the botanical origin, habitat, description, constituents and properties of Anthemis Cotula.

Parke Davis & Co.

1890

Mayweed.

Organic Materia Medica, 2 ed., p. 122.

Gives a list of synonyms and properties for Anthemis Cotula. Also states that the leaves are sold in compressed packages at retail for various purposes.

Haake, W.H.

1891

Anthemis Cotula.

Am. Jour. Pharm., 63, p. 383; (Proc. Am. Pharm. Assoc., 40, p. 579; Year book of Pharm. & trans. of Brit. Pharm. Conf., 29, p. 157; Drogendorf, Die Heilpflanzen, etc., 1 ed., p. 675.

A discussion of the methods and products of extraction of Anthemis Cotula. The characteristic properties and uses of the extracted matter, analysis of the bitter principle of the drug is briefly discussed.

Millsbaugh, C.

1892

Compositae.

Medicinal plants, v.1, p. 78.

States that Maruta Cotula is very common throughout North & South temperate zones, also that it causes blistering and copious vomiting.

Allison, T.F.P. & Gottinger, A.

1894

Anthemis Cotula.

The Medicinal plants of Tennessee, 1 ed., p. 39.

Gives a description of Anthemis Cotula, its synonyms, and chief properties. Eli Lilly prepares a fluid extract from the herb.

Sayre, L.

1895

Cotula.

A Manual of Organic Materia Medica and Pharmacognosie, 1 ed., p. 289.

Gives the common names for Anthemis Cotula with its habitat, chief uses and characteristics.

Waggaman, S.

1895

Cotula.

A Compendium of Botanic Materia Medica, 1 ed., p. 196.

Gives a description of the plant of Anthemis Cotula, its constituents, characteristics and methods of administration of the parts used.

Dragendorff, G.

1898

Anthemis Cotula.

Die Heilpflanzen der Verschiedenen Volker und Zeiten, 1 ed., p. 675.

Gives various names by which Anthemis Cotula is known, with references. Also the habitat and uses of the plant.

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

1898

Cotula--Mayweed.

King's Am. Dispens., 18 ed., v.1, p. 613.

Cotula is discussed in detail as to botanical source, history, chemical composition, and medicinal use with dosage. An alkaloid Anthemidine and a crystallizable acid Anthemidic acid are referred to.

Pabst, G.

1898

Anthemis Cotula.

Kohler's Medizinal Pflanzen, v.2, p. 653.

The flowers are frequently found as an adulterant in those of Matricaria Chamomille, Linne, from which they differ in size, odor, and the receptacle of the flowers.

Lyons, A.B.

1900

Anthemis Cotula.

Plant names, Scientific and Popular, 1 ed., p. 37.

Gives the habitat, synonyms, and common names for Anthemis Cotula.

Kraemer, H.

1902

Matricaria.

Botany and Pharmacognosy, 1 ed., p. 183; Ibid., 2 ed., p. 554; Ibid., 3 ed., p. 454; Ibid., 4 ed., p. 554.

States that the flowers of Anthemis Cotula are used as an adulterant of Matricaria Chamomilla, and gives a description of the characteristic peduncles of Anthemis Cotula.

Henkel, Alice

1906

Anthemis Cotula.

Wild plants of the United States, U.S. Dept. Bur. Bot. Ind.,
Bull. No. 89, p. --; (Tschirch, Handbuch der pharmakognosie,
1 ed., v.1, p. 102.)

Gives botanical synonym, common names, description,
part used of *Anthemis Cotula* which grows wild in almost
throughout North America.

Tschirch, A.

1909

Kulturen von Arzneipflanzen Ausserhalb Deutschlands.

Handbuch der Pharmakognosie, 1 ed., v. 1, p. 67.

Among the medicinal plants cultivated in Hungary,
lists *Anthemis Cotula*, for its flowers.

Wall, O.

1909

Anthemis Cotula.

Notes on Pharmacognosy, 3 ed., p. 420.

Gives a description of the flowering parts, common
names, uses and characteristic taste and odor of *Anthemis
Cotula*.

Zornig, H.

1909

Anthemis Cotula.

Arzneidrogen als Nachschlagebuch, etc., 1 ed., v.1, p. 115.

Gives a description of the flowering parts of *Anthemis
Cotula*, also its chief properties and characteristics by
which it is distinguished from other closely related species.

Gilg, E.

1910

Flores Chamomilla (Vulgaris).

Lehrbuch der pharmakognosie, 2 ed., p. 348; Ibid., 3 ed., p. 380; Ibid., 4 ed., p. 44.

German Chamomille often contains the flower heads of *Anthemis Arvensis* and *Anthemis Cotula* when not carefully collected, but that the latter can be distinguished by its hollow receptacle.

Pammel, L.H.

1911

Anthemis Cotula.

A Manual of Poisonous plants, 1 ed., pt. 2, p. 756, 787, & 815.

Discusses the vesicating action of *Anthemis Cotula*, gives a description of the plant, its characteristics, its distribution and poisonous properties, and mentions it in a list of poisonous plants of the world.

Kraemer, H.

1915

Matricaria.

Scientific and Applied Pharmacognosy, 1 ed., p. 776; Ibid., 2 ed., p. 670; Ibid., 3 ed., p. 777; Ibid., 4 ed., p. 788.

Mentions the use of *Anthemis Cotula* in adulterating *Matricaria* and explains how to identify the peduncles of *Anthemis Cotula*.

Tschirch, A.

1917

Anthodium Chamomillae Vulgaris und *Oleum Chamomillae*.

Handbuch der pharmakognosie, 1 ed., v.2, p. 985.

Anthemis Cotula is mentioned as one of a number of plants of which the flowers are used as substitutes, adulterants or parallels of German Chamomille.

Wall, O.

1917

Anthemis Cotula.

Handbook of pharmacognosy, 3 ed., p. 391.

Gives a description of the flowering parts, common names, uses and characteristics, taste and odor of Anthemis Cotula. Also that it is only used in medicine when German Chamomille cannot be obtained.

1918

(Chamomile Adulterant.)

Pharm. Era, 51, p. 132; (Yrbk. Am. Pharm. Assoc., 7, p. 224.)

Commercial samples of Matricaria Chamomilla have been found by U.S. Dept. of Agriculture to contain 25% of Anthemis Cotula. It is recommended that samples of "Chamomile Flowers" containing more than 5% of dog fennel be rejected.

(Editor.)

1918

Chamomile Adulterant.

Pharm. Era, 51, p. 132.

Anthemis Cotula has been found to be used as an adulterant up to 25% in importations of Matricaria Chamomilla.

Roark, R.C.

1919

Plants used as Insecticides.

Am. Jour. Pharm., 91, p. 30; U.S. Dept. Agric., Bull., No. 1201, p. 27.

A brief discussion of Anthemis Cotula as to its use as an insecticide, with special reference to the decoction and the flowers as such an agent.

Marzell, H.

1921

Stinkkamille (*Anthemis Cotula*.)

Neues Krauterbuch, etc., 1 ed., p. 383.

Mentions this plant among a number of others related to German Chamomille, and points out the chief characteristics of the flowers.

Wren, R.

1923

Mayweed.

Potter's Cyclopoedia of Botanical Drugs and Preparations, 3 ed., p. 215.

Gives the synonyms, part used, action, and distinctive characteristics of *Anthemis Cotula*.

Bentham, G. & Hooker, J.

1924

Anthemis Cotula.

Handbook of the British Flora, 7 ed., p. 247.

Gives a description of the plant of *Anthemis Cotula*, common places of growth and its distinguishing characteristics.

Mc Indoo, N.E. & Sieuers, A.F.

1924

Plants tested for or reported to possess insecticidal properties.

U.S. Dept. of Agric., Bull. No. 1201, p. 27.

In an alphabetical list of plants by scientific names, *Anthemis Cotula* appears as being used as an insecticide. Gives the effectiveness on various insects.

Step, E.

1926

Chamomille.

Herbs of Healing, 1 ed., p. 105.

Anthemis Cotula is said to possess similar properties to Anthemis Nobilis.

Youngken, H.

1926

Matricaria.

A Textbook of Pharmacognosy, 2 ed., p. 611.

Mentions the adulteration of Matricaria with Anthemis Cotula and tells how to detect such adulteration. An illustration of the plant of Anthemis Cotula is given on page 610.

Heraud, A.

1927

Camomille Romaine.

Nouveau Dictionnaire des plantes medicinales, 6 ed., p. 155.

Compares the structure of the flower parts of Anthemis Cotula with those of Roman Camomille, Anthemis nobilis.

Long, H.

1927

Mayweeds.

Poisonous plants on the Farm, 1 ed., p. 52.

Lists a number of species of Anthemis as being plants which are suspected to have caused poisoning, and should be considered in case of unknown poisoning.

Wall, O. & Suppan, L.

1928

Anthemis Cotula.

Handbook of Pharmacognosy, 5 ed., p. 81.

Gives a description of the flowering parts of *Anthemis Cotula*, also its uses, common names and states that it is only used in medicine when Chamomille cannot be obtained.

Fischer, H.

1929

Anthemis Cotula.

Mittelalterliche pflanzenkunde, 1 ed., pp. 107 & 259.

Gives a list of synonyms and common names for *Anthemis Cotula*.

Gebner, O.

1931

Anthemis Cotula.

Die Gift und Arzneipflanzen von Mitteleuropa, 1 ed., p. 222.

Gives the habitat and a description of the plant of *Anthemis Cotula*.

Wasicky, R.

1932

Chamomilla Vulgaris.

Lehrbuch der physiopharmakognosie für pharmazeuten, 2 ed., p. 336.

Describes the characteristic odor of *Anthemis Cotula* as contrasted with that of *Chamomilla vulgaris*.

St. Hilaire, A.F.C.P.

(Anthemis Cotula.)

Germanationes plantarum, v.1, part 2, p. 409; (Barton, Med.
Bot., v.1, p. 162.)

The original was not available.

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List of Journals Consulted.

- Am(eric)an Drugg(ist), v. 13-22, 1884-1893; v. 73-81, 1925-1930.
- Am(eric)an Drugg(ist) & Pharm(aceutic)al Rec(ord), v. 22-72,
1892-1924.
- Am(eric)an Jour(nal) of Pharm(acy), v. 1-103, 1825-1931.
- Am(eric)an Drug Clerk's Jour(nal), v. 1-6, 1887-1892.
- Brit(ish) & Col(onial) Drugg(ist), v. 12-84, 1887-1931.
- Bull(etin) of Am(eric)an Pharm(aceutic)al Assoc(iation),
v. 1-6, 1906-1911.
- Bull(etin) of the Lloyd Lib(rary), v. 1-6, 1900-1912.
- Bull(etin) of Pharm(acy), v. 7-42, 1893-1928.
- (The) Chem(ist) and Drugg(ist), v. 1-115, 1859-1931.
- Dig(est) of Comm(ents) on the U.S.P. and N.F., 1897-1921.
- Drugg(ists) Circ(ular), v. 1-73, 1857-1929.
- Drug Trade Weekly, v. 1-61, 1918-1922.
- Drug News, v. 5-9, 1910-1912.
- Drug Topics, v. 11-32, 1896-1917.
- Jour(nal of the) Am(eric)an Pharm(aceutic)al Assoc(iation),
v. 1-20, 1912-1931.
- Jour(nal of) Mat(eria) Med(ica), v. 1-19, 1859-1879.
- Midl(and) Drugg(ist), v. 1-10, 1899-1909.
- Merck's Rep(ort), v. 2-31, 1893-1930.
- Merck's Archives, v. 1-16; 1899-1914.
- Mid(land) Drugg(ist) (and) Pharm(aceutic)al Rev(iew),
v. 43-60, 1910-1926.

Meyer Bro(thers) Drugg(ist), v. 9-54, 1890-1931.

Mont(real) Pharm(aceutical) Jour(nal), v. 1-42, 1896-1931.

Nat(ional) Assoc(iation of) Ret(ail) Drugg(ists) Jour(nal),
v. 18-50, 1914-1930.

Nat(ional) Assoc(iation of) Ret(ail) Drugg(ists) Notes,
v. 1-17, 1902-1914.

(The) Nat(ional) Drug Clerk, v. 1-19, 1913-1931.

New Rem(edies), v. 1, 4-12, 1872, 1875-1883.

Nat(ional) Drugg(ists), v. 12-59, 1888-1929.

New Eng(land) Drugg(ists), v. 8-15, 1896-1903.

North(western) Drugg(ist), v. 1-39, 1899-1931.

Pharm(acist) and Chem(ist), v. 1-18, 1868-1885.

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

Pharm(aceutical) Era, v. 1-67, 1887-1930.

Pharm(aceutical) Rec(ord), v. 3-15, 1883-1893.

Pharm(aceutical) Rev(iew), N.Y., v. 14-26, 1896-1908.

Pharm(azeutische) Runde(chan), v. 1-13, 1882-1895.

Pharm(aceutical) Times, v. 1-5, 1846-1849.

Pharm(aceutical) Rev(iew), Balt., v. 1-2, 1892-1893.

Pharm(aceutical) Jour(nal), v. 1-127, 1842-1932.

Phil(adelphia) Coll(ege) of Pharm(acy) Alum(ni) Report,
v. 143, 1865-1907.

Phil(adelphia) Coll(ege) of Pharm(acy) Bull(etin), v. 1-21,
1908-1928.

- Pract(ical) Drugg(ist), v. 1-49, 1892-1931.
- Proc(eedings) (of the) Am(ericana) Pharm(aceutical) Assoc(iation),
v. 1-59, 1851-1911.
- Quart(erly) Jour(nal) (and) Y(ea)r B(oo)k of Pharm(acy),
v. 1-4, 1928-1931.
- (The) Ret(ail) Drugg(ist), v. 1-6, 1894-1900; v. 10-12,
1904-1905; v. 16-19, 1909-1912.
- South(ern) Pharm(aceutical) Jour(nal), v. 1-24, 1908-1932.
- South(ern) Pharm(acist), v. 1-2, 1884-1885.
- Spatula, v. 1-22, 1891-1916.
- West(ern) Drugg(ist), v. 2-50, 1882-1928.
- Y(ea)r B(oo)k (of the) Am(ericana) Pharm(aceutical) Assoc(ia-
tion), v. 1-18, 1912-1929.
- Y(ea)r Boo)k (of) Pharm(acy) and Trans(actions) (of the)
Brit(ish) Pharm(aceutical) Conf(erence), v. 14-64,
1877-1927.

LIST OF BOOKS CONSULTED

- Ainslie, W., *Materia Medica*, 1 ed., v. 1-2, 1826.
- Allen, T., *Encyclopedia of pure Materia Medica*, v. 1-10, 1879.
- Allison, T.F.P. and Gottinger, A., *The Medicinal plants of Tennessee*, 1 ed., 1894.
- An American Physician, The Eclectical and General Dispensatory*, 1 ed., 1827.
- Anchutz, E.P., *New and Old Forgotten Remedies*, 1 ed., 1900.
- Bachringer, C., *Ein Menschenalter Kaloniales Erfahrungen auf den Insel Aylon*, 1 ed., 1930.
- Bahadur, M.S.K., *Materia Medica of Madras*, 1 ed., 1891.
- Baillon, H., *Traite de Batonique Medicale Cryptogornique*, 1 ed., 1889.
- Barton, B.S., *Collections for an Assay towards a Materia Medica of the United States*, 3 ed., 1810.
- Barton, B.S., *Manuscript Archives*, v. 1-8
- Barton, B.S. & Castle, T., *The British Flora Medica*, 1 ed., 1877.
- Barton, W.P.C., *Medical Botany*, v. 1-2, 1817-1818.
- Bauhinus, C., *De Lapidis Bezaar, etc.*, 1 ed., 1613.
- Beck, L., *Botany of the United States north of Virginia*, 1 ed., 1833.
- Berendes, J., *Arzneimittellehre des Diaskorides*, 1 ed., 1902

- Berendes, I., Paulos von Aegina des Besten arztes sehen
Bucher, 1 ed., 1914.
- Berg, O., Pharmazeutische Botanik, 1 ed., 1866.
- Berg, O., Pharmazeutische Waarenkunde, 1 ed., 1857; 2 ed.,
1869; 3 ed., 1879.
- Berg, O & Schmidt, C., Atlas der officinellen pflanzen,
2 ed., v. 1-4, 1893-1899.
- Berg, O., Anatomischer atlas zur pharmozeitische waarenkunde,
1 ed., 1865.
- Bidie, G., Catalogue of the Raw products of Southern India,
1 ed., 1878.
- Bigelow, J., American Medical Botany, v. 1, part 2, 1818;
v. 2, part 1-2, 1819; v. 3, part 1-2, 1820.
- Bigelow, J., Plants of Boston, 1 ed., 1814.
- Bigelow, J., A Treatise on the Materia Medica, 1 ed., 1822.
- Blair, T., Botanique Drugs, 1 ed., 1917.
- Brown, O., The Complete Herbalist, 1 ed., 1870.
- Budge, E., The Devine Origin of the Craft of the Herbalist,
1 ed., 1928.
- Carpenter, G., Essays of Materia Medica, 1 ed., 1831.
- Carson, J., Synopsis of the Course of Lectures on Materia
Medica and Pharmacy, 4 ed., 1867.
- Carthenser, F., Fundamenta Materiae Medicae, 1 ed., 1749.

- Caspari, C., *Praeludia Botanica*, 1 ed., 1703.
- Canvet, D., *Nouveaux Elements D' Histoire naturelle Medicale*,
2 ed., v. 1-2, 1877.
- Chestnut, V.K., *Plants poisonous to stock*, Bull. B.A.I. 130,
1898.
- Chestnut, V.K., *Principal Poisonous Plants of United States*,
Bull. No. 20, U.S. Dept. of Agriculture, 1898.
- Chevallier, P., *Dictionnaire des Drogues*, v. 1-5, 1827.
- Chomel, J., *Abrege De L'histoire des plantes Usuelles*, 1 ed.,
v. 1-3, 1739; 2 ed., v. 1-3, 1761.
- Christy, T., *New Commercial plants*, 1 ed., 1-10, 1878.
- Cochburn, W., *Materia Medica or a description of Simple
Medicines*, 2 ed., 1716.
- Compain, M., *Guide de L'herboriste-Droguiste*, 1 ed., 1920.
- Coupin, H., *Les plantes Medicinales*, 1 ed., 1920.
- Coxe, J.R., *The American Dispensatory*, 1 ed., 1806; 4 ed.,
1818; 6 ed., 1825; 7 ed., 1827; 8 ed., 1830; 9 ed.,
1831.
- Culpeper, N., *The Complete Herbal*, 1 ed., 1843.
- Darlington, W., *Flora Cestrica*, 2 ed., 1837.
- Darveaux, P., *Le Liure des Simples Medicines*, 1 ed., 1913.
- De Candolle, A.P., *Essai Sive Les proprietes medicales
des Plantes*, 2 ed., 1816.
- De Rosemont, R., *Comment Nos Peres, etc.*, 1 ed., 1917.

- Dinand, P., *Loschenbuch der heilpflanzen*, 1 ed., 31, 1926.
- Dodoens, R., *Purgantium, etc.*, 1574.
- Dioscorides, P., *Hortus Sanitatus Deutsch*, 1485.
- Donn, J., *Hortus Cantabrigiensis*, 2 ed., 1826.
- Dragendorff, G., *Die Heilpflanzen der Verschiedenen Volker und Zeiten*, 1 ed., 1898.
- Eichler, A., *Specielle und Medicinisch pharmaceutische Botanik*, 1 ed., 1886.
- Elliot, S., *Botany of South Carolina and Georgia*, v. 2, 1824.
- Esenbeck, T. & Ebermaier, C., *Handbuch der medicinisch-pharmaceutischen Botanik*, v. 2, 1831; v. 3, 1832.
- Esser, P., *Die Giftpflanzen Deutschlands*, 1 ed., 1910.
- Ewell, J., *The Medical Companion*, 3 ed., 1817.; 7 ed., 1827.
- Falch, A., *Die Offizinellen Drogen und Ihre Erstzstoffe*, 1 ed., 1928.
- Felter, H.W. & Lloyd, J.U., *Kings American Dispensatory*, 18 ed., v. 1, 1898; v. 2., 1900.
- Fenner, B., *Fenner's Working Formulae*, 2 ed., 1886.
- Fenner, B., *Fenner's Handbook of the United States Pharmacopoeia*, 1 ed., 1894.
- Fischer, H., *Mittelalterliche pflanzenkunde*, 1 ed., 1929.
- Flint, J., *Classification of the Materia Medica Collection of the United States National Museum*, 1 ed., 1920.

- Fluckiger, F., A Pharmaceutischen Waarenkunde, 1 ed., 1873.
- Fluckiger, F., Pharmakognosie des Pflanzenreiches, 1 ed.,
1881; 2 ed., 1891.
- Fluckiger, F., Grundriss der pharmakognosie, 1 ed., 1884.
- Fluckiger, F. & Hanbury, D., Pharmacographia, 1 ed., 1874;
2 ed., 1879.
- Fluckiger, F. & Hanbury, D., Histoire des Drogues D' Brigine
Vegetale, 1-2 ed., 1878.
- Fluckiger, F. & Tschirch, A., The Principles of Pharmacognosy,
2 ed., 1887.
- Freyberger, H., Die Organischen Drogen der Neuen Deutschen
Reichspharmacopoe, 1 ed., 1874.
- Gadd, H., Drugs, their production, preparation and properties,
1 ed., 1904.
- Garsault, de M., Explication Abregle, etc., 1 ed., 1765.
- Garsault, de M., Les Figures Des plantes et Animaux, etc.,
1 ed., 1765.
- Garcia Da, O., Calloquies on the Simples and Drugs of India,
1 ed., 1913.
- Gebner, O., Die Gift und Arzneipflanzen von Mitteleuropa,
1 ed., 1931.
- Gilg, E., Lehrbuch der pharmakognosie, 2 ed., 1910.
- Gilg, E. & Brandt, W., Lehrbuch der pharmakognosie, 3 ed.,
1922.

- Gilg, E., Brandt, W. & Schurhoff, P., Lehrbuch der Pharmakognosie, 4 ed., 1927.
- Goebel, F. & Kunze, G., Pharmaceutische Waarenkunde, 1 ed., 1827-1829.
- Good, P., The Family Flora, 1 ed., v. 2, 1845; 2 ed., 1854.
- Greenish, H., A Textbook of Materia Medica, 5 ed., 1929.
- Griffith, R.E., Medical Botany, 1 ed., 1847.
- Buibourt, N.J., Histoire Abreg De Drogues Simples, 3 ed., 1836; 4 ed., 1851; 6 ed., 1869.
- Hamilton, E., The Flora Homoeopathica, 1 ed., v. 1-2, 1852.
- Hanbury, D., Beitrage zur Materia Medica China, 1 ed., 1863.
- Hand, W., The House Surgeon and Physician, 1 ed., 1820.
- Hansen, A., Drogenkunde, 1 ed., 1897.
- Harding, A., Ginseng and other Medicinal plants, 1 ed., 1908.
- Hartwich, C., Die Menschlichen Genussmittel, 1 ed., 1911.
- Hayne, F., Darstellung und Beschreibung der Arzneiberwaechse, v. 1-10, 1853-1856.
- Henkel, Alice, Weeds used in Medicine., Dept. of Agric., Bulletin No. 188, 1904.
- Henkel, Alice, American Medicinal Leaves and Herbs, Bulletin, 1911.
- Henkel, J.B., Medizinisch pharmazeutische Botanik, 1 ed., 1862.
- Henkel, J.B., Handbuch der pharmacognosie, 1 ed., 1867.

- Henry, S., American Medical Family Herbal, 1 ed., 1814.
- Heraile, J., Traite de Matiere Medicale Pharmacographie,
2 ed., 1912; 3 ed., 1927.
- Heraud, A., Nouveau Dictionnaire des plantes medicinalis,
6 ed., 1927.
- Hill, J., Virtues of British Herba, 1 ed., 1620.
- Hollembach, H., The American Eclectic Materia Medica,
1 ed., 1865.
- Humphrey, J., Drugs in Commerce, 1 ed., 1921.
- Husemann, A., Hilger, A. & Husemann, T., Die Pflanzenstoffe,
etc., 1 ed., 1871; 2 ed., 1882; 3 ed., 1884.
- Joannis, M., Opera Divi etc., 1 ed., 1541.
- Koannis, M., Damasceni Medici clarissimi Opera, 1 ed., 1589.
- Johnson, L., A Manual of the Medical Botany of North America,
1 ed., 1884.
- Karsten, G. & Altmanns, F., Lehrbuch der pharmakognosie,
1 ed., 1909; 2 ed., 1920.
- King, J. & Newton, R.S., The Electical Dispensatory of the
United States, 1 ed., 1852; 6 ed., 1864; 8 ed., 1872;
10 ed., 1875; 15 ed., 1881; 16 ed., 1889.
- Klein, G., Handbuch der pflanzenanalyse, 1 ed., 1921.
- Kabert, R., Beitrage zur Kenntnis der vegetabilischen
Hamogglutinini, 1 ed., 1913.
- Koch, L. & Gilg, E., Pharmakognostische praktikum, 1 ed.,
1907.

- Kohl, F., Die Officinellen pflanzen der pharmacopoea Germanica für pharmaceutin und mediciner, 1 ed., 1895.
- Kraemer, H., Botany and pharmakognosy, 1 ed., 1902; 2 ed., 1907; 3 ed., 1908; 4 ed., 1910.
- Kraemer, H., Scientific and Applied Pharmacognosy, 1 ed., 1905; 2 ed., 1920; 3 ed., 1924; 4 ed., 1928.
- Kreuz, C., Pharmakognosie für den Erstunterricht, 1 ed., 1886.
- Kunth, K., Anleitung der Kenntniss Saamtliches der pharmacopoea Borussica, 1 ed., 1834.
- Lederc, H., En Marge Du Codex, 1 ed., 1924.
- Lee, C.A., Medical plants bulletin, 1848.
- Lehamau, P., Plantes Remedes et Maladies, etc., 1 ed., 1922.
- Lessing, M.B., Kurzer Abriss der Materia Medica, 1 ed., 1859.
- Lewis, W., Experimental History of the Materia Medica, 1 ed., 1761.
- Leyel, C., The Magic of Herbs, 1 ed., 1926.
- Limousin, H., Les Plantes Aliviteris de L' amerique, 1 ed., 1891.
- Lindley, J., Flora Medica, 1 ed., 1838.
- Lindley, J., Natural System of Botany, 1 ed., 1831.
- Linne, C., Materia Medica, 2 ed., 1772.
- Lloyd, J., Drug Treatise, no. 1-33, 1904-1928.
- Lloyd, J.U. & Lloyd, C.H., Drugs and Medicines of North America, 1 ed., 1884.

- Long, H., Poisonous plants on the farm, 1 ed., 1927.
- Ludovici, D., *Medici Ducal. Saxo-Gathan De pharmacia Moderno Seculo*, 2 ed., 1685.
- Luerssen, C., *Die pflanzen des pharmacopoea Germanica, etc.*, 1 ed., 1883.
- Lyons, A.B., *Plant names Scientific and popular*, 1 ed., 1900.
- Mair, W., *The Indigenous Drugs of India*, 2 ed., 1896.
- Maisch, J., *A Manual of Organic Materia Medica*, 3 ed., 1887; 5 ed., 1892; 6 ed., 1895.
- Morelot, S., *Nouveau Dictionnaire General De Drogues Simples et Composus de Lemery*, 1 ed., 1807.
- Marchand, N., *Botanique Cryptogamique*, 1 ed., 1883.
- Marme, W., *Lehrbuch der pharmacognosie des pflanzen und Thierreichs*, 1 ed., 1886.
- Marzell, H., *Neues illustriertes, etc.*, 1 ed., 1921.
- Marzell, H., *Unsere Heilpflanzen ihre Geschichte und ihre Stellung in der Volkskunde*, 1 ed., 1922.
- Matthioli, P., *De plantas Epitome, etc.*, 1 ed., 1586.
- Maveric, J., *La Medicine Hermetique des plantes, etc.*, 1 ed., 1848.
- Merrell, A., *A Digest of Materia Medica and Pharmacy*, 1 ed., 1832.
- Meyer, A., *Wissenschaftliche Drogenkunde*, 1 ed., 1891.
- Millspoirgh, C.F., *Medicinal plants*, 1 ed., v. 1-2, 1892.

- Monro, D., A Treatise on Medicinal and Pharmaceutical chymistry and Materia Medica, 1 ed., v. 1-4, 1788.
- Mowat, J., Alphita--A Medico-Botanical Glossary, v. 1, part 2, 1887.
- Murray, J., A System of Materia Medica and Pharmacy, 1 ed., 1815; 4 ed., 1828.
- Naikorni, K.M., The Indian Materia Medica, 1 ed., 1927.
- Nicolai, E., Systema Materiae Medicae ad Proxin Applicatae, 1 ed., 1751.
- North Carolina Experiment Station, Medicinal plants which have been collected and used in North Carolina, Bulletin no. 150, 1898.
- Oldberg, O., An unofficial pharmacopoeia, 1 ed., 1881.
- Oldberg, O. & Wall, O.A., A Companion to the United States Pharmacopoeia, 1 ed., 1884.
- Opwirjrd, R. & Vortier, H., Compaynes Handbuch voar Drogisten en apothekers Leerlingen, 1 ed., 1854.
- Pammel, L.H., A manual of poisonous plants, 1 ed., part. 1, 1910; part 2, 1911.
- Parke, Davis & Co., Pharmacology of Newer Materia Medica, no. 1-60, 1889-1891.
- Parke, Davis & Co., Organic Materia Medica, 2 ed., 1890.
- Peckolt, T. & Peckolt, H., Historia des plantes medicinaes, etc., 1 ed., v. 1-7, 1888-1896.

- Perrot, E., *Plantes medicinalis De France*, 1 ed., 1928.
- Pobéguin, K., *Les plantes medicinalis de la Guinia*, 1 ed., 1912.
- Pollock, A., *A Botanical Index to all the Medicinal plants*, 1 ed., 1872.
- Ranchin, F., *Oevores pharmaceutis ves*, 1 ed., 1728.
- Read, B., *Chinese Materia Medica*, 1 ed., 1932.
- Reichenbach, H., *Flora Lipaiensis pharmaceutica*, 1 ed., 1817.
- Reil, W., *Materia medica*, 1 ed., 1857.
- Reutter, L., *Traite de Matiere Medicale*, 1 ed., 1923.
- Rice, C., *Revision of United States Pharmacopoeia*, 1880.
- Rieche, V., *Giftpflanzenbuch oder allgen reine und Besondere naturgeschichte*, 1 ed., 1855.
- Rodin, H., *Les plantes medicinalis, et arsuellea*, 1 ed., 1872.
- Rusby, H., Bliss, A. & Ballard, C., *The properties and uses of Drugs*, 1 ed., 1930.
- Scharderi, J., *Quercetonus Redivus*, 1 ed., 1679.
- Sowerby, J., Johnson, C. & Johnson, C., *British Poisonous plants*, 2 ed., 1861.
- Sayre, L., *Conspectus of Organic Materia Medica and Pharmacal Botany*, 1 ed., 1879.
- Sayre, L., *A Manual of Organic Materia Medica and Pharmacognosie*, 1 ed., 1895.
- Schleiden, M., *Handbuch der Botanischen Pharmacognosie*, 1 ed., 1857.

- Schleiden, M., Handbuch Medicinisch-pharmaceutischen
Botanik, 1 ed., 1852.
- Schneider, A., A General vegetable pharmacography, 1 ed.,
1900.
- Schneider, A., Pharmacal plants and their culture, Bulletin
No. 2, 1912.
- Schimper, A., Repetitorium der pflanzenlichen pharmacognosie,
1 ed., 1901.
- Schmitthenner, F., Pharmakognosie der pflanzen-und Thierreiches,
1 ed., 1905.
- Schoffer, P., Hortus Sanitatus Deutsch, 1 ed., 1485.
- Schulz, H., Vorlesugen uber Wirkung and Anuendung der
Deutschen arzneipflanzen, 1 ed., 1919.
- Shecut, J., Flora Carolinensis, 1 ed., 1806.
- Short, T., Medicina Britannica, 2 ed., 1747., 3 ed., 1751.
- Smith, A., A Contribution to South African Materia Medica,
3 e., 1895.
- Step, E., Herbs of Healing, 1 ed., 1926.
- Stille, A. & Maische, J.M., The National Dispensatory, 1 ed.,
1879; 2 ed., 1879; 3 ed., 1884; 5 ed., 1894.
- Stockvis, B., Voordrachten over Geneismiddellus, 1 ed., v.1,
1906; v.2, 1907; v.3, 1909.
- Stuart, G., Chinese Materia Medica, 1 ed., 1911.
- Surcouf, J., Plantes medicinalis et Remedes, etc., 1 ed.,
1914.

- Tavera De, L.H., The Medicinal plants of the Philippines,
1 ed., 1901.
- Texidor, D., Flora Farmaceutica de Espana y Portugal, 1 ed.,
1871.
- Thacker, J., The American New Dispensatory, 1 ed., 1810;
2 ed., 1813; 4 ed., 1821.
- Thompson, R., The Assyrian Herbal, 1 ed., 1740.
- Thornton, R., A Family Herbal, 2 ed., 1814.
- Tournefort, M., Histoire des plantes, etc., 1 ed., 1548.
- Trillero, D., Dispensatorium pharmaceuticum universale
Thesaurus medicamentaris, 1 ed., 1764.
- Trommsdorff, J., Handbuch der pharmaceu ischen warrenkunde,
1 ed., 1806; 2 ed., 1822.
- Tschirch, A., Handbuch der pharmakognosie, 1 ed., v. 1-2,
1909-1910; 2 ed., v. 1-2, 1912-1917; 3 ed., v. 1-2,
1923-1925.
- Villers Von, A. & Thumen Von, F., Die pflanzen des Homoopathis-
chen arzneyschatzes, v. 1-3, 1893.
- Waggaman, S., A Compendium of Botanic Materia Medica, 1 ed.,
1895.
- Wall, O., Notes on Pharmacognosy, 3 ed., 1909; 4 ed., 1917;
5 ed., 1928.
- Wallis, T., Practical pharmacognosy, 1 ed., 1925.

- Warncke, T., *Lauren Am Laegemidlernes, etc.*, 1 ed., 1862.
- Wasicky, R., *Lehrbuch der physiopharmakognosie für pharmazeuten*, 1 ed., 1929; 1 ed., 1932.
- Wheeler, J., *Plantarum medicinalium, etc.*, 1 ed., 1830.
- Wigand, J., *Lehrbuch der pharmakognosie*, 1 ed., 1863; 2 ed., 1887.
- Wiggers, A., *Grundriss der pharmacognosie*, 1 ed., 1853.
- Winkler, E., *vollständiges Real-Lexikon der Medicinisch pharmaceutischen naturgeschichte und Rohwaarenkunde*, 1 ed., 1840.
- Wood, G., *A Course of Lectures on Materia Medica and Pharmacy*, 1 ed., 1837.
- Wood, G.B. & Bache, F., *The Dispensatory of the United States of America*, 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; 16 ed., 1892; 19 ed., 1907; 20 ed., 1918; 21 ed., 1926.
- Woodville, W., *Medical Botany*, 2 ed., v.1, 1910.
- Wren, R., *Potter's Cyclopoedia of Botanical Drugs and Preparations*, 3 ed., 1923.
- Youngken, H., *Pharmaceutical Botany*, 1 ed., 1914.
- Ziegler, J.H., *Materia Medica*, 1 ed., 1771.

Zornig, H., Arzneidrogen als Nachschlogebuch, etc., 1 ed.,
v. 1-2, 1909-1911.

✓ Zornig, H., Lobellen für das pharmakognostische praktikum,
etc., 1 ed., 1925.

UNITED STATES PHARMACOPOEIA (O-X)

(1820-1920)

and

NATIONAL FORMULARY (I-V)

(1888-1926)

HISTORY

of

ANTHEMIS COTULA LINNE

U.S.P.-1850. S. p. 49.

Cotula. Mayweed.

The herb of Anthemis Cotula.

U.S.P.-1860. S. p. 57.

Cotula. May-weed.

The herb of Anthemis Cotula, Maruta Cotula (De Candolle).

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

Cotula. May-weed.

The herb of Anthemis Cotula, Maruta Cotula (De/Candolle).

SUMMARY OF U.S.P. & N.F. DATA OF ANTHEMIS COTULA

Official in:

U.S.P., 1820, '30 (Phil.), '30 (N.Y.), '40, '50,
'60, '70.

Official Latin Title:

Cotula, U.S.P., 1820, '30 (Phil.), '40, '50, '60, '70.
Anthemidis Cotulae, U.S.P., 1830 (N.Y.).

Official English Title:

May-weed, U.S.P., 1820, '30 (Phil.), '30 (N.Y.), '40,
'50, '60, '70.

Official Abbreviation:

Official Synonym:

Official Family:

Scientific Name:

Anthemis Cotula, U.S.P., 1820, '30 (Phil.), '30 (N.Y.),
'40, '50, '60, '70.

Part Used:

The plant, U.S.P., 1820, '30 (Phil.).
The flower, U.S.P., 1830 (N.Y.).
The herb, U.S.P., 1840, '50, '60, '70.

Official Preparations:

Dose:

Assay:

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