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AN *ABUTILON* NOMENCLATOR (MALVACEAE)

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Abstract: The large malvaceous genus *Abutilon* is in need of critical revisionary study. The present nomenclator is presented as a first step toward such an eventual study, and it will also be useful to herbarium curators. It brings together, on a global basis, more than 500 names in specific rank, a number of names in infraspecific rank, and 25 names in infrageneric rank, giving bibliographic detail and typification information for each name as far as it is available. More than 70 lectotypes and two neotypes are designated herein. Five new combinations are included, viz., **Bakeridesia scabrida, Bastardiopsis grewiifolia, Bastardiopsis turumiquirensis, Corynabutilon ×suntense,** and **Tetrasida tulla.** Indexes are provided for the newly designated lectotypes and neotypes.

Resumen: El género principal *Abutilon* necesita estudio de revisión crítico. Este nomenclator se presenta como primer paso hacia tal estudio eventual, y también será útil para las personas responsables en herarios. Se agrega aquí a nivel mundial más de 500 nombres en rango específico, varios nombres en rango infraespecífico, y 25 nombres en rango infragenérico, presentando detalles bibliográficos y información sobre tipificación para cada nombre, en cuanto a los datos son disponibles. Además, 70 lectótipos y dos neótipos son designados por primera vez en este documento. Se incluyen cinco combinaciones nuevas: **Bakeridesia scabrida, Bastardiopsis grewiifolia, Bastardiopsis turumiquirensis, Corynabutilon ×suntense,** y **Tetrasida tulla.** Se presentan indices para los lectótipos y neótipos designados de nuevo.

Keywords: Malvaceae, *Abutilon,* nomenclator, typification, lectotypification.

INTRODUCTION

The genus *Abutilon* Mill. is one of the larger genera of the family Malvaceae (Fryxell, 1997a). It is also one of the genera without a solid, modern revisionary treatment. It has been characterized by Garcke (1893, p. 483) as an "umfangreiche und schwierige Gattung" [a large and difficult genus] and by Kearney (1958) as "the most difficult of the genera of Malvaceae." *Abutilon* is variously estimated to include 172 species (Baker, 1893), ca. 100 species (Mattei, 1915), ca. 150 species (Lemée, 1929), 100+ species (Airy Shaw, 1966), over 400 species (Hutchinson, 1967; Husain and Baquar, 1974), 100+ species (Mabberley, 1987), 110 species (Maas and Westra, 1993), 150–200 species (Wielgorskaya, 1995), or ca. 160 species (Fryxell, 1997a). The present compilation lists more than 500 names in specific rank plus numerous additional names in infraspecific rank. Clearly there is much synonymy, and there is also still a need for sorting out of some segregate genera.

TAXONOMIC HISTORY

The genus was originally named by Philip Miller (1754) and was first conceived in more or less modern terms by Sweet (1826), who segregated many species out of Linnaeus' broadly conceived *Sida* by distinguishing uniovulate species referable to *Sida* from multi-ovulate species treated as *Abutilon.* Subsequently, such genera as *Wissadula* Medik. (Fries, 1908), *Allowissadula* D. M. Bates (Bates, 1978), *Pseudabutilon* R. E. Fr. (Fryxell, 1997b), *Hochreutinera* Krapov. (Krapovickas, 1970), *Bastardiopsis* (K. Schum.) Hassl. (Fuertes and Fryxell, MS), *Bakeridesia* Hochr. (Hochreutiner, 1913; Bates, 1973), and *Corynabutilon* (K. Schum.) Kearney (Kearney, 1949; Marticorena, 2001) have been segregated out of *Abutilon.* The residuum that remains in *Abutilon,* however, is still very heterogeneous, continues to have many taxonomic problems, and amply merits further revisionary study. For example, the boundary distinguishing *Abutilon* and *Bakeridesia* is imperfectly known. Moreover, the status of what Kearney (1958, p. 212, note 2) called the "pluriovulate" species of *Abutilon* is unclear. These species have 4–6 (or more) seeds per carpel, a base chromosome number of x = 8, and other morphological distinctions that set the group apart from *Abutilon* sens. str. (the "paucio-vulate" group), which has 3 seeds per carpel and a base chromosome number of x = 7. This group was recognized in sectional rank by Fryxell (1988), with respect to Mexican species, but probably deserves el-

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evation to generic rank, when suitable, more broadly based studies have been completed (cf. Fryxell, 1997a). Before such comprehensive studies can be undertaken, however, it is felt desirable to bring together the bibliographic and nomenclatural information that will be the necessary underpinning for the subsequent taxonomic work, and this is the intention of the present contribution.

The infrageneric classification of *Abutilon* is only poorly understood. The genus has been broken into sections and subsections by several workers, but only for relatively restricted geographical areas—e.g., Presl (1835) for neotropical species, Grisebach (1859) for West Indian species, Schumann (1891) for Brazilian species, Mattei (1915) for East African species (using the ranks "stirps" and "substirps"), and Fryxell (1988) for Mexican species. Schumann's treatment left a number of species explicitly described as "insertae sedis" so that many of these (and other) species cannot be assigned to sections or other subgroups in our present state of knowledge. Many natural groupings within the genus can be discerned, but not all of these have been described and named. Examples include the group of four red-flowered species studied by Burandt and Fryxell (1990); the South American umbellate species (*A. umbelliflorum, A. ibarrense,* and *A. cuspidatum*), which form a coherent group; the "*Abutilon sachetianum* group" (Fosberg and Sachét, 1981); and the "*Abutilon muticum* and *A. pannosum* complex" (Abedin, 1980), among others.

The gender of the name *Abutilon* is generally (though not universally) treated as neuter. According to Art. 62.3 of the ICBN (Greuter et al., 2000), if the original author did not explicitly indicate the gender, the next subsequent author who did so should be followed. Sweet (1826) was the first to treat *Abutilon* comprehensively, and he consistently treated the name as neuter. Most subsequent authors have followed this precedent and it is continued here.

The Compilation

The following compilation attempts to bring together on a global basis all of the names that have been published in *Abutilon* in all ranks below the rank of genus. The complete bibliographical citations are given for all names, and types are cited insofar as this is possible. Where lectotypes or neotypes have been chosen, the author and citation where the designation is made are indicated. In more than 70 cases lectotypes (and in two cases neotypes) are designated herein. Five new combinations are also made, viz., **Bakeridesia scabrida** (K. Schum.) Fryxell, **Bastardiopsis grewiifolia** (Ulbr.) Fuertes & Fryxell, **Bastardiopsis turumiquirensis** (Steyerm.) Fuertes & Fryxell, **Corynabutilon × suntense** (Brickell) Fryxell, and **Tetrasida tulla** (Ulbr.) Fuertes & Fryxell.

In addition to examining original sources wherever possible and checking type specimens in many different herbaria (e.g., Fryxell and Krapovickas, 1990), the author also had access to two collections of photographs of type specimens (both collections housed at TEX): **a**) the well known and widely distributed Field Museum photographs of types (Grimé and Plowman, 1986), referred to herein by photograph numbers (e.g., F-56137 for the type of *Abutilon glabriflorum*); and **b**) a collection of type photographs from the Paris herbarium made available through the courtesy of A. Krapovickas, of the Instituto de Botánica del Nordeste, Corrientes, Argentina. Several historically important herbaria (e.g., deCandolle, Jussieu, Lamarck, Linnaeus, Willdenow) or type collections (e.g., CAS, NY) were also available on microfiche for consultation, and some type collections are now becoming accessible on the internet (e.g., the U.S. National Herbarium). References to herbaria of deposit of type specimens are according to the acronyms given in Holmgren et al. (1990), except for KUH, which refers to the Karachi University Herbarium and CLH, which refers to the Herbarium of the Pakistan Council of Scientific and Industrial Research Laboratories in Karachi (Husain and Baquar, 1974).

Names that are illegitimate or not validly published are included in the following compilation, if effectively published, with an indication of why each name is flawed, with references to the appropriate Articles of the International Code of Botanical Nomenclature (Greuter et al., 2000), so as to account for all names that may be encountered in the wider literature. The infrageneric names published by Mattei (1915) in the ranks of "stirps" and "substirps" (see below) are treated as illegitimate because they do not fit into the prescribed descending hierarchy (Art. 4.1) and thus they "provide confusion" (Art. 4.3) as to their rank. The more general problem of misplaced rank-denoting terms is amply discussed by Moore (2001), although the particular situation entailed in Mattei's usage of these terms is not addressed.

Although later homonyms are generally accounted for by the presence of the earlier homonyms, they are included in this compilation if they are heterotypic or if they provide the basis for a subsequent avowed substitute (nomen novum) or are otherwise informative. Synonyms are given in brackets wherever this is possible.

Abutilon Nomenclator

Infrageneric Names

Abutilon sect. *Anasida* Griseb., Fl. Brit. W. I. 78 (1859).—Type: *Abutilon umbellatum* (L.) Sweet. [= *Pseudabutilon* R. E. Fr.]

Abutilon sect. *Anodopsis* Griseb., Fl. Brit. W. I. 79 (1859).—Type: *Abutilon striatum* Dicks.

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Abutilon sect. *Armata* C. Presl, Reliq. Haenk. 2: 114 (1835).—LECTOTYPE [Fryxell, 1976]: *Abutilon haenkeanum* C. Presl.

Abutilon sect. *Beloëre* Griseb., Fl. Brit. W. I. 78 (1859).—LECTOTYPE [here designated]: *Abutilon indicum* (L.) Sweet.

Abutilon "substirps" *Blepharocarpi* Mattei, Boll. Reale Orto Bot. Palermo n.s., 1: 92 (1915), nom. illegit. (Arts. 4.1, 4.3).—Type [Art. 22.6]: *Abutilon blepharocarpum* Mattei.

Abutilon "stirps" *Capsulati* Mattei, Boll. Reale Orto Bot. Palermo n.s., 1: 79 (1915), nom. illegit. (Arts. 4.1, 4.3).—LECTOTYPE [here designated]: *Abutilon denticulatum* (Fresen.) Webb.

Abutilon "substirps" *Fruticosi* Mattei, Boll. Reale Orto Bot. Palermo n.s., 1: 80 (1915), nom. illegit. (Arts. 4.1, 4.3).—LECTOTYPE [here designated]: *Abutilon denticulatum* (Fresen.) Webb.

Abutilon sect. *Cephalabutilon* K. Schum. in Martius, Fl. Bras. 12(3): 366 (1891). [= *Abutilon* sect. *Abutilon*]

Abutilon sect. *Corynabutilon* K. Schum. in Martius, Fl. Bras. 12(3): 369 (1891).—LECTOTYPE [Hutchinson, 1967]: *Abutilon vitifolium* (Cav.) Kearney [≡ *Corynabutilon* (K. Schum.) Kearney]

Abutilon "substirps" *Cuspidati* Mattei, Boll. Reale Orto Bot. Palermo n.s., 1: 83 (1915), nom. illegit. (Arts. 4.1, 4.3).—TYPE: *Abutilon elaeocarpoides* Webb.

Abutilon sect. *Gayoides* (Endl.) A. Gray, Gen. Fl. Amer. Bor. Ill. 2: 167. t. 126 (1849). Basionym: *Bastardia* sect. *Gayoides* Endl., Gen. Pl. 986 (1840).—TYPE: *Gayoides crispum* (L.) Small. [= *Herissantia* Medik.]

Abutilon sect. *Gayopsis* Griseb., Fl. Brit. W. I. 79 (1859), nom. illegit. (Art. 52.1), see preceding name.—TYPE: *Abutilon crispum* (L.) Medik. [= *Herissantia* Medik.]

Abutilon "substirps" *Graveolenti* Mattei, Boll. Reale Orto Bot. Palermo n.s., 1: 87 (1915), nom. illegit. (Arts. 4.1, 4.3).—TYPE [Art. 22.6]: *Abutilon graveolens* Wight & Arn.

Abutilon "stirps" *Cephalocarpi* Mattei, Boll. Reale Orto Bot. Palermo n.s., 1: 83 (1915), nom. illegit. (Arts. 4.1, 4.3).—LECTOTYPE [here designated]: *Abutilon indicum* (L.) Sweet.

Abutilon "substirps" *Indici* Mattei, Boll. Reale Orto Bot. Palermo n.s., 1: 83 (1915), nom. illegit. (Arts. 4.1, 4.3).—TYPE [Art. 22.6]: *Abutilon indicum* (L.) Sweet.

Abutilon sect. *Mexabutilon* Fryxell, Syst. Bot. Monogr. 25: 25 (1988).—TYPE: *Abutilon hypoleucum* A. Gray.

Abutilon "substirps" *Microcarpi* Mattei, Boll. Reale Orto Bot. Palermo n.s., 1: 89 (1915), nom. illegit. (Arts. 4.1, 4.3).—TYPE [Art. 22.6]: *Abutilon microcarpum* Mattei.

Abutilon "stirps" *Monospermi* Mattei, Boll. Reale Orto Bot. Palermo n.s., 1: 98 (1915), nom. illegit. (Arts. 4.1, 4.3).—LECTOTYPE [here designated]: *Abutilon longicuspe* Hochst. ex A. Rich.

Abutilon "substirps" *Mutici* Mattei, Boll. Reale Orto Bot. Palermo n.s., 1: 94 (1915), nom. illegit. (Arts. 4.1, 4.3).—TYPE [Art. 22.6]: *Abutilon muticum* (Deless.) Webb.

Abutilon sect. *Muticum* C. Presl, Reliq. Haenk. 2: 114 (1835).—LECTOTYPE [here designated]: *Abutilon dianthum* C. Presl.

Abutilon sect. *Oligocarpae* (DC.) J. Fryxell, Madroño 30: 84 (1983). Basionym: *Sida* [sect.] *Oligocarpae* de Candolle, Prodr. 1: 467 (1824).—LECTOTYPE [J. Fryxell 1983]: *Abutilon trisulcatum* (Jacq.) Urb.

Abution sect. *Pluriovulata* Fryxell, Syst. Bot. Monogr. 25: 25 (1988).—TYPE: *Abutilon purpusii* Standl.

Abutilon sect. *Policarpae* (DC.) G. Don, Gen. Hist. 1: 501 (1831). Basionym: *Sida* [sect.] *Policarpae* DC., Prodr. 1: 469 (1824).—LECTOTYPE [here designated]: *Sida abutilon.* L. [= *Abutilon* sect. *Abutilon*]

Abutilon ser. *Umbellata* K. Schum. in Martius, Fl. Bras. 12(3):366 (1891).—TYPE: *Abutilon umbellatum* (L.) Sweet [= *Pseudabutilon* R. E. Fr.]

Abutilon sect. *Wissadula* (Medik.) Griseb., Fl. Brit. W. I. 77 (1859). Basionym *Wissadula* Medik.—TYPE: *Abutilon periplocifolium* (L.) Sweet.

Specific and Infraspecific Names

Abortopetalum sandwicense O. Deg., Fl. Hawaiiensis, Fam. 221 (1932). (See *Abutilon sandwicense*)

Abutilon abutiloides (Jacq.) Garcke ex Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 22 (1902). Basionym: *Sida abutiloides* Jacq., Obs. 1: 17. t.7 (1764).—TYPE: in cult. from Jamaican seeds (BM). [≡ *Abutilon jacquinii* G. Don, nom. superfl. ≡ *Abutilon decarpum* Raf., nom. superfl.]

Abutilon abutilon (L.) Huth, Helios 11: 132 (1893), not validly published (Art. 23.4). Basionym: *Sida abutilon* L., Sp. Pl. 685 (1753).—TYPE: Hort. Cliff. (LECTOTYPE [Borssum Waalkes, 1966]: BM-herb. Cliff.). [≡ *Abutilon theophrasti* Medik.]

Abutilon abutilon (L.) Rusby, Mem. Torrey Bot. Club 5: 222 (1894), not validly published (Art. 23.4) as well as an isonym without status (Art. 6.3). Basionym: *Sida abutilon* L., Sp. Pl. 685 (1753). See preceding citation.

Abutilon abutilon (L.) Shafer, Ann. Carneg. Mus. 1: 32 (1901), not validly published (Art. 23.4) as well as an isonym (Art. 6.3). No basionym given except the parenthetical citation of Linnaeus, presumably intending "[Sida abutilon] (Linnaeus)"—*Abutilon avicennae* Gaertn. is cited as a synonym. See preceding citations.

Abutilon acerifolium G. Don, Gen. Hist. 1: 504 (1831). Basionym: *Sida acerifolia* Lag., Nov. Gen. Sp. Pl. 21 (1816), non *Sida acerifolia* Medik. 1787,

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nec Moench 1794, nec Zucc. 1809.—TYPE: Hort. Bot. Madrid, 1805, *M. Lagasca s.n.* (LECTOTYPE [Fuertes and Fryxell, 1993a]: SEV). [≡ *Neobrittonia acerifolia* (G. Don) Hochr.]

Abutilon affine (Spreng.) G. Don, Gen. Hist. 1: 503 (1831). Basionym: *Sida affinis* Spreng., Syst. Veg. 3: 121 (1826).—TYPE: URUGUAY. Montevideo, *F. Sellow s.n.* (HOLOTYPE: B as photo F-9260).

Abutilon agnesae Borzi, Boll. Ort. Bot. Palermo 10: 129 (1911).—TYPE: SOMALILAND, type not stated. Note: Mattei (1915, p. 93) cites *Macaluso 117bis* (PAL) and *Mangano s.n.* (FI) for this species.

Abutilon albescens Miq., Pl. Jungh. pt. 3: 285 (1854).—TYPE: JAVA. Tjibogam, ad pedem montium calcareorum Palimanan, *F. W. Junghuhn s.n.* (LECTOTYPE [Borssum Waalkes, 1966]: L-908.135–624; ISOTYPE: U). [≡ *Abutilon indicum* subsp. *albescens* (Miq.) Borssum Waalkes]

Abutilon albidum (Willd.) Sweet, Hort. Brit. ed. 1, 1: 54 (1826). Basionym: *Sida albida* Willd., Enum. Pl. 722 (1809).) .—TYPE: Hort. Bot. Berol. (HOLOTYPE: B-W no. 12701).

Abutilon albidum Webb & Berthelot, Phyt. Canar. 1: 39. t. 2 (1836), nom. illegit. (Art. 53.1).

Abutilon albidum Hooker & Arn., Bot. Beechey's Voy. 278 (1838), nom. illegit. (Art. 53.1). Based on *Sida albida* Willd.?, but because of the "?" this is better cited as *A. albidum* Hooker & Arn.

Abutilon album Hill, Brit. Herb. 49 (1756), not validly published (Art. 32.7); Druce, Bot. Exch. Club Soc. Brit. Isles 3: 437 (1913), nom. nud.

Abutilon album Hort. ex Gentil, Pl. Cult. Serres Jard. Bot. Brux. 3 (1907), nom. nud.

Abutilon alii Abedin, Pakistan J. Bot. 7: 193 (1975).—TYPE: PAKISTAN. Karachi, University Campus, 5 Nov 1970, *S. A. Husain s.n.* (HOLOTYPE: KUH).

Abutilon ambiguum Turcz., Bull. Soc. Imp. Naturalistes Moscou 31: 205 (1858).—TYPE: MEXICO. VERACRUZ: Mirador, *H. G. Galeotti 4107* (HOLOTYPE: KW; ISOTYPE: BR). [= *Robinsonella lindeniana* (Turcz.) Rose & Baker f.] Cf. Fryxell and Krapovickas (1990).

Abutilon americanum (L.) Sweet, Hort. Brit. ed. 1, 53 (1826). Basionym: *Lavatera americana* L., Syst. Nat. ed. 10, 1148 (1759). ≡ *Sida americana* (L.) L., Sp. Pl. ed. 2, 963 (1763).—TYPE: "americana" (HOLOTYPE: LINN-871.7). [= *Abutilon abutiloides* (Jacq.) Garcke]

Abutilon americanum (L.) Druce, Rep. Bot. Exch. Club Brit. Isles 1913 (3): 413 (1914), isonym without status (Art. 6.3). Basionym: *Lavatera americana* L. (See preceding entry.)

Abutilon amoenum K. Schum. in Martius, Fl. Bras. 12(3): 41 (1891).—TYPE: BRAZIL. "Brasilia meridionalis," *F. Sellow s.n.* (B as photo F-9261).

Abutilon amplexifolium (DC.) G. Don, Gen. Hist. 1: 502 (1831). Basionym: *Sida amplexifolia* DC., Prodr. 1: 469 (1824).—TYPE: "Sida acuminata," *Icones Florae Mexicanae s.n.* (Torner Collection acc. no. 6331.1731, Hunt Institute). EPITYPE [here designated]: Mexico, *M. Sessé and J. M. Mociño 3448* (MA, as photo F-46750). [≡ *Hochreutinera amplexifolia* (DC.) Fryxell]

Abutilon amplissimum (L.) Kuntze, Revis. Gen. Pl. 3(3): 17 (1898). Basionym: *Sida amplissima* L., Sp. Pl. 685 (1753).—TYPE: LECTOTYPE [Krapovickas, 1996]: Plumier, Pl. Amer. 2: t. 3. (1755). This plate is reproduced by Krapovickas, loc. cit., fig. 1. [≡ *Wissadula amplissima* (L.) R. E. Fr. = *Wissadula hirsuta* C. Presl]

Abutilon amplissimum var. *subpeltatum* Kuntze, Revis. Gen. Pl. 3(3): 17 (1898).—TYPE: BOLIVIA, 1300 m, Tunarigebirge, *O. Kuntze s.n.* (NY, US). [≡ *Wissadula subpeltata* (Kuntze) R. E. Fr.]

Abutilon amplum Benth., Fl. Austral. 1: 200 (1863).—TYPE: AUSTRALIA. Harding River, SE of Nichol Bay, *Gregory Exped. s.n.* (K).

Abutilon anderssonianum Garcke in Andersson, Kongl. Svenska Vetenskapsakad. Handl. (Galapagos Veg.) 1853: 230 (1855).—TYPE: ECUADOR: Galapagos, *N. J. Andersson 178* (HOLOTYPE S; ISOTYPES: C-2, GH?, GOET, K, P?). [= *Pseudabutilon depauperatum* (Hook. f.) Kearney]

Abutilon andrewsianum W. Fitzg., J. Proc. Roy. Soc. W. Austral. 3: 172 (1918).—TYPE: W. AUSTRALIA: Mt. Marmion, May 1905, *W. V. Fitzgerald 505* (ISOTYPE? SYNTYPE? K).

Abutilon andrieuxii Hemsl., Diagn. Pl. Nov. Mexic. 2: 24 (1879).—TYPE: MEXICO. OAXACA: Tlacolula, *G. Andrieux 522* (HOLOTYPE: K; ISOTYPES: G as photo F-23764, K, OXF, P-2).

Abutilon anglosomaliae Cufod. ex Thulin, Bull. Misc. Inform. Kew 53: 1013 (1998), nom. nov. ≡ *Abutilon molle* Baker f. (1893), non *Abutilon molle* (Ortega) Sweet (1830).—TYPE: SOMALIA. plains below the Golis Range, *E. Cole and E. L. Phillips s.n.* (HOLOTYPE: K).

Abutilon angulatum (Guillem. & Perr.) Mast. in Oliv., Fl. Trop. Afr. 1: 183 (1868). Basionym: *Bastardia angulata* Guillem. & Perr., Fl. Seneg. Tent. 1: 65 (1831).—TYPE: SENEGAMBIA. "prope Dagana in regno Walo, prope Saint-Louis (Four-à-Chaux), et ad Laybar in Regno Cayor," *G. S. Perrottet 55* (LECTOTYPE [here designated]: P).

Abutilon angulatum var. *macrophyllum* (Baker f.) Hochr., Fl. Madag., Malvac. 139 (1955). Basionym: *Abutilon intermedium* var. *macrophyllum* Baker f., J. Bot. 31: 72 (1893).—TYPE: MADAGASCAR. nr. Tananarivo, *W. Bojer s.n.* (LECTOTYPE [here designated]: BM).

Abutilon anodoides A. St.-Hil. & Naud., Ann. Sci. Nat. Bot. sér. 2, 18: 49 (1842).—TYPE: BRAZIL. Rio de Janeiro, *C. Gaudichaud 945* (HOLOTYPE: P as photo F-35447; ISOTYPE: P).

Abutilon appendiculatum K. Schum. in Martius, Fl.

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Bras. 12(3): 408 (1891). —TYPE: BRAZIL. Without precise locality, *F. Sellow s.n.* (HOLOTYPE: B, destroyed).

Abutilon arborescens Medik., Malvenfam. 29 (1787).—TYPE: unknown. [sp. dub., possibly = *Abutilon indicum*]

Abutilon arborescens Noronha ex Hasskarl in Hoeven & DeVriese, Tijdschr. 11: 215 (1844), nom. illegit. (Art. 53.1). [Broussonetiae sp.?]

Abutilon arboreum sensu Sweet, Hort. Brit. ed. 1, 1: 53 (1826), non *Sida arborea* L. f., Suppl. Pl. 307 (1782). [= *Abutilon peruvianum* (Lam.) Kearney] See Kearney (1958, p. 214, note 22).

Abutilon arboreum (L. f.) G. Don, Gen. Hist. 1: 502 (1831). Basionym: *Sida arborea* L. f., Suppl. Pl. 307 (1781) [1782].—TYPE: Hortus Upsaliensis, ex Africa (specimen unknown). Don (1831), who cites L'Heritier (Stirp Nov. 5: 131. 1789), attributes this plant to Peru, but Linnaeus fil. explicitly states that it is African.

Abutilon arenarium C. T. White, Proc. Roy. Soc. Queensland 53: 204 (1942).—TYPE: AUSTRALIA. Mitchell District, Torrens Creek, 19 Mar 1937, *C. T. White 8663* (BRI).

Abutilon arequipense Ulbr., Bot. Jahrb. Syst. 54 (Beibl. 117): 49 (1916).—TYPE: PERU. AREQUIPA: prov. La Unión, above Cotahuasi, 2800–2900 m, 21 Mar 1914, *A. Weberbauer 6863* (ISOTYPES: F as photo F-56129, GH, US).

Abutilon aristulosum K. Schum. in Martius, Fl. Bras. 12(3): 379 (1891).—TYPE: BRAZIL. ad Piccada, *J. E. Pohl 3289* [*1321*] (HOLOTYPE: B as photo F-9262; ISOTYPE: K). [≡ *Wissadula aristulosa* (K. Schum.) Monteiro, fide Monteiro (1955)]

Abutilon aristulosum forma *albiflorum* Kuntze, Revis. Gen. Pl. 3(2): 17 (1898).—TYPE: BRAZIL. MATTOGROSSO: (TYPE not further stated).

Abutilon arnottianum (Gillies ex Hook.) Walp., Repert. Bot. Syst. 1: 324 (1842). Basionym: *Sida arnottiana* Gillies ex Hook., Bot. Misc. 3: 154 (1833).—TYPE: ARGENTINA. SAN LUIS: *J. Gillies s.n.* (HOLOTYPE: K; ISOTYPE: OXF).

Abutilon asiaticum (L.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida asiatica* L., Cent. Pl. II, 26 (1756).—TYPE: specimen unknown. [= *Abutilon indicum* subsp. *guineënse* (Schumach.) Borss. Waalk., fide Paul and Nayar (1988).] Cf. *Abutilon hirsutissimum* Moench

Abutilon asiaticum (L.) Guillem. & Perr., Fl. Seneg. Tent. 1: 67 (1831—Apr), isonym without status (Art. 6.3). Basionym: *Sida asiatica* L., Sp. Pl. ed. 2, 964 (1763). See preceding citation.

Abutilon asiaticum (L.) G. Don, Gen. Hist. 1: 503 (1831—Aug), isonym without status (Art. 6.3). Basionym: *Sida asiatica* L., Sp. Pl. ed. 2, 964 (1763). See preceding citations.

Abutilon asiaticum var. *albescens* (Miq.) Fosberg, Micronesica 2: 149 (1966). Basionym: *Abutilon albescens* Miq., Pl. Jungh. pt. 3: 285 (1854).—TYPE: JAVA. Tjibogam, ad pedem montium calcareorum Palimanan, *F. W. Junghuhn s.n.* (LECTOTYPE [Borssum Waalkes, 1966]: L-908.135–624; ISOTYPE: U).

Abutilon asiaticum var. *australiense* (Hochr. ex Britten) Fosberg, Micronesica 2 (Jun 1966) 150 (1966). Basionym: *Abutilon indicum* var. *australiense* Hochr. ex Britten, Ill. Bot. Capt. Cook's Voy. 1: 10. t. 19 (1900).—TYPE: AUSTRALIA ["New Holland"]. Bustard Bay, Bay of Inlets, Endeavor's River, in 1770, *J. Banks & D. Solander s.n.* (ISOTYPE ["probable"]: P). Borssum Waalkes' (1966) designation of *H. O. Forbes 3330* from Timor as lectotype (G, BM, GH, K, L) is inoperative, since original material exists (cited by Fosberg, loc. cit.).

Abutilon asiaticum var. *subasperum* Fosberg, Micronesica 2: 149 (1966).—TYPE: MARIANAS ISLANDS. TINIAN, NE of Carolinas (Lalo) Point, *F. R. Fosberg 24827* (HOLOTYPE: US; ISOTYPES: BISH, fo). Note: "fo" = Fosberg's personal herbarium, now dispersed.

Abutilon asiaticum var. *supraviride* Fosberg, Micronesica 2: 149 (1966).—TYPE: INDONESIA. Tanimbar Islands, Jamdena: Kabirat, near Saumlaki, *Pleyte 161* (HOLOTYPE: SING).

Abutilon asperifolium Ulbr., Bot. Jahrb. Syst. 51: 34 (1913).—TYPE: Zentralafrikanisches Seengebeit: Ussukuma, *H. A. Conrads 24* (HOLOTYPE: B-extant?).

Abutilon atropurpureum (Blume) G. Don, Gen. Hist. 1: 502 (1831). Basionym: *Sida atropurpurea* Blume, Bijdr. Fl. Ned. Ind. 77 (1825).—TYPE: JAVA, *C. L. Blume s.n.* (HOLOTYPE: L; ISOTYPE: P). [= *Abutilon auritum* (Link) Sweet]

Abutilon attenuatum B. L. Rob. & Seaton, Proc. Amer. Acad. Arts 28: 104 (1893).—TYPE: MEXICO. JALISCO: near Lake Chapala, *C. G. Pringle 4354* (HOLOTYPE: GH; ISOTYPES: ARIZ, BM, BR, F as photo F-56142, GOET, K, MASS, MEXU, MIN, MO, MSC, MU, NY-2, P-2, PH, TEX, UC, US, VT). [= *Pseudabutilon ellipticum* (Schltdl.) Fryxell]

Abutilon aurantiacum Linden ex Turcz., Bull. Soc. Imp. Naturalistes Moscou 31: 204 (1858), nom. illegit. (Art. 52.1), since *Sida integerrima* Hook. f. is cited in the synonymy.—TYPE: Hooker, Bot. Mag. 74: t. 4360 (1848). [≡ *Bakeridesia integerrima* (Hook. f.) D. M. Bates]

Abutilon aurantiacum Linden & Planch., Trois. Voy. Linden, Pl. Columb. 1: 44 (1863), nom. illegit. (Art. 53.1), non *Abutilon aurantiacum* Linden ex Turcz. (1858).—TYPE: VENEZUELA. CARABOBO: près de Puerto Cabello, *J. J. Linden 1508* (SYNTYPE: GH) and *N. Funck 753* (SYNTYPE: BR?).

Abutilon aurantiacum S. Watson, Proc. Amer. Acad.

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20: 357 (1885), nom. illegit. (Art. 53.1), non *Abutilon aurantiacum* Linden ex Turcz. (1858).—TYPE: MEXICO. BAJA CALIFORNIA SUR: Todos Santos Bay, Jan 1883, *C. C. Parry s.n.* (SYNTYPE: GH); Tijuana, May 1883, *C. Orcutt s.n.* (SYNTYPES: GH, K, MO); *C. Orcutt 835* (SYNTYPES: CAS, GH). [= *Abutilon palmeri* A. Gray]

Abutilon aureum (A. St.-Hil.) Sweet, Hort. Brit. ed. 3, 80 (1839). Basionym: *Gaya aurea* A. St.-Hil., Fl. Bras. Mer. 1: 193. t. 38 (1828).—TYPE: BRAZIL. MINAS GERAIS: Desert du Rio S. Francisco, prope Mangahy et praedium vulgo Capao do Cleto, *A. St.-Hilaire 1238* (HOLOTYPE: P; ISOTYPE; P as photo F-35491).

Abutilon auritum (Link) Sweet, Hort. Brit. ed. 1, 53 (1826). Basionym: *Sida aurita* Wall. ex Link, Enum. Hort. Berol. Alt. 2: 206 (1822).—TYPE: Calcutta Botanic Garden ex Java introduction, *N. Wallich 1860* (NEOTYPE [Borssum Waalkes, 1966]: K-W; ISONEOTYPES: BR, P).]

Abutilon australe C. Presl, Bot. Bemerk. 20 (1845).—TYPE: AUSTRALIA. Based on: Hort. Bot. Berol., but without description, nom. nud.

Abutilon australe Garcke, Ind. Semin. Bot. Berol. 1861 Appendix 10 (1861). Also given by Garcke op. cit. anno 1857, but without description.—TYPE: AUSTRALIA. (specimen unknown).

Abutilon australe var. *malvifolium* (Benth.) Baker f., J. Bot. 31: 268 (1893). Basionym: *Abutilon oxycarpum* var. *malvifolium* Benth., Fl. Austral. 1: 204 (1863).—TYPE: AUSTRALIA. Mount Murchison in NSW, *J. Dallachy s.n.* (MEL?).

Abutilon austroafricanum Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 25 (1902).—TYPE: AFRICA. HERERORLAND: Okomita, *K. Dinter 509* (SYNTYPE: Z); Africa austr. Litakoun, *Lemue s.n.* (SYNTYPE: G-DEL).

Abutilon avicennae Gaertn., Fruct. Sem. Pl. 2: 251. t. 135. f. 1 (1791).—TYPE: HOLOTYPE: Gaertner's plate 135, fig. 1. [= *Abutilon theophrasti* Medik.]

Abutilon avicennae var. *chinense* Skvortzow (as "chinensis"), Lingn. Sci. J. 6: 220 (1928).—TYPE: CHINA. N. MANCHURIA (TYPE not further stated). [≡ *Abutilon theophrasti* var. *chinense* (Skvortzow) S. Y. Hu]

Abutilon avicennae forma *nigrum* Skvortzow (as "nigra"), Lingn. Sci. J. 6: 220 (1928).—TYPE: CHINA. N. MANCHURIA (TYPE not further stated). [≡ *Abutilon theophrasti* var. *nigrum* (Skvortzow) S. Y. Hu]

Abutilon badium S. A. Husain & Baquar, Phyton 15(3–4): 229 (1974).—TYPE: PAKISTAN. Manghopir, 23 Jul 1970, *S. A. Husain s.n.* (CLH).

Abutilon bakeri Rusby, Bull. New York Bot. Gard. 4: 329 (1907), nom. illegit. (Art. 52.1)—TYPE: BOLIVIA. COROICO: Yungas, 22 Jul 1894, *M. Bang 2357* (HOLOTYPE: NY; ISOTYPES: C-2, CAS [fragment], CM, F as photo F-56127, −56128, GH, K, PH, US). [≡ *Abutilon cyclonervosum* Hochr., q.v.]

Abutilon bakerianum Rose, Contr. U.S. Natl. Herb. 5: 133 (1897).—TYPE: MEXICO. OAXACA: Tomellin Canyon, *C. G. Pringle 6278* (LECTOTYPE [Bates 1973]: US; ISOLECTOTYPES: A, BM, BR, CAS, CM, ENCB, F, GH, GOET, K, MASS, MEXU, MIN, MSC, MO, NY, P-2, PH, TEX, UC, US, VT). [≡ *Bakeridesia bakeriana* (Rose) D. M. Bates]

Abutilon balansae (Hassl.) Hassl., Repert. Nov. Spec. Regni Veg. 7: 376 (1909). Basionym: *Wissadula balansae* Hassl., Bull. Herb. Boissier sér. 2, 7: 458 (1907), nom. illegit (Art. 53.1), non *Wissadula balansae* Baker f. (1893).—TYPE: PARAGUAY. San Bernardino, *E. Hassler 390* (LECTOTYPE [here designated]: NY). [= *Pseudabutilon benense* (Britton) Fryxell]

Abutilon barrancae M.E. Jones, Contr. W. Bot. 18: 57 (1933).—TYPE: MEXICO. JALISCO: La Barranca, *M. E. Jones 27162* (LECTOTYPE [Fryxell, 1988]: POM-192430; ISOLECTOTYPES: BM-2, NY, POM-193309, UC, US). [= *Pseudabutilon scabrum* (C. Presl) R. E. Fr.]

Abutilon bastardioides Baker f. ex Rose, Contr. U.S. Natl. Herb. 1: 306 (1895).—TYPE: MEXICO. COLIMA: 27–28 Feb 1891, *E. Palmer 1314* (HOLOTYPE: US; ISOTYPE: NY).

Abutilon bathiei Hochr., Candollea 2: 121 (1925).—TYPE: MADAGASCAR. Ile Europa, *H. Perrier de la Bâthie 13805* (P). [= *Abutilon pseudocleistogamum* Hochr.]

Abutilon bedfordianum (Hook.) A. St.-Hil. & Naud., Ann. Sci. Nat. Bot. sér. 2, 18: 48 (1842). Basionym: *Sida bedfordiana* Hook., Bot. Mag. 68: plate 3892 (1841).—TYPE: BRAZIL. in montibus Serra dos Orgãos prope Rio de Janeiro, *G. Gardner 320* (LECTOTYPE [here designated]: G-DEL; ISOLECTOTYPE: NY).

Abutilon bedfordianum subsp. *concolor* (K. Schum.) R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. 42(12): 31 (1908). Basionym: *Abutilon bedfordianum* var. *concolor* K. Schum..—TYPE: BRAZIL. Organ Mtns., *G. Gardner 320* (LECTOTYPE: G-DEL; ISOTYPE: NY). [= subsp. *bedfordianum*]

Abutilon bedfordianum var. *concolor* K. Schum. in Martius, Fl. Bras. 12(3): 417 (1891).—TYPE: BRAZIL. Organ Mtns., *G. Gardner 320* (LECTOTYPE [here designated]: G-DEL; ISOTYPE: NY). [= var. *bedfordianum*]

Abutilon bedfordianum subsp. *discolor* (K. Schum.) R. E. Fries, Kongl. Svenska Vetenskapsakad. Handl. 42(12): 31 (1908). Basionym: *Abutilon bedfordianum* var. *discolor* K. Schum. in Martius, Fl. Bras. 12(3): 418 (1891).—TYPE: BRAZIL. SÃO PAULO: Capoeira prope Rio Branco, *A. Löfgren 661* (LECTOTYPE [here designated]: C as photo F-21595).

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Abutilon bedfordianum var. *discolor* K. Schum. in Martius, Fl. Bras. 12(3): 418 (1891).—TYPE: BRAZIL. SÃO PAULO: Capoeira prope Rio Branco, *A. Löfgren 661* (LECTOTYPE [here designated]: C as photo F-21595).

Abutilon bedfordianum var. *grandiflorum* R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. 42(12): 31. 1908.—TYPE: BRAZIL. Itatiaia, Maciera, *P. K. H. Dusén 641* (HOLOTYPE: S).

Abutilon bedfordianum var. *hirsutum* R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. 42(12): 31 (1908).—TYPE: BRAZIL. MINAS GERAIS: *J. F. Widgren 508* (SYNTYPE: S, pro parte); Caldas, *A. F. Regnell III-168* (SYNTYPE: S, pro parte).

Abutilon bedfordianum var. *tomentellum* R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. 42(12): 31 (1908).—TYPE: BRAZIL. [ca. 8 specimens cited, all but one "pro parte"—the exception thus chosen as lectotype:] Serra do Itatiaia, 1400–1500 m, *E. Hemmendorff 548* (LECTOTYPE [here designated]: S).

Abutilon behrianum F. Muell., Trans. Philos. Soc. Victoria 1: 13 (1854).—TYPE: AUSTRALIA. Murray [River], *F. Mueller s.n.* (SYNTYPE: K). [= *Abutilon theophrasti* Medik.]

Abutilon benadirense Mattei, Boll. Ort. Bot. Palermo n.s., 1: 96 (1915).—TYPE: SOMALILAND. Torda, *Macaluso 117* (SYNTYPE: PAL); Giumbo, *G. Paoli 244* (SYNTYPE: FI).

Abutilon benedictum Bunbury, Proc. Linn. Soc. London 1: 109 (1841).—TYPE: BRAZIL. MINAS GERAIS: in sylvis caeduis (capoeiras dictis), *C. Bunbury s.n.* (specimen unknown). Schumann (1891) does not account for this name.

Abutilon benense (Britton) Baker f., J. Bot. 31: 338 (1893). Basionym: *Sida benensis* Britton, Bull. Torrey Bot. Club 16: 153 (1889).—TYPE: BOLIVIA. Junction of the Rivers Beni and Madre de Dios, *H. H. Rusby 1455* (HOLOTYPE: NY; ISOTYPES: CAS, CTES, GH, K, MICH, NY, P, PH, US). [≡ *Pseudabutilon benense* (Britton) Fryxell]

Abutilon berlandieri S. Watson ex A. Gray, Proc. Amer. Acad. Arts 20: 358 (1885).—TYPE: MEXICO. TAMAULIPAS: San Fernando, *J. L. Berlandier 3050* (HOLOTYPE: GH; ISOTYPES: MO, NY, P, PH, US).

Abutilon betschuanicum Ulbr., Bot. Jahrb. Syst. 51: 15 (1913).—TYPE: AFRICA. BETSCHUANALAND: Kuruman, 1200 m, in saxosis, *R. Marloth 1090* (B?). [= *Abutilon matopense* Gibbs]

Abutilon bicolor Phil. ex K. Schum. in Martius, Fl. Bras. 12(3): 433 (1891); Anal. Univ. Chile 82: 323 (1893).—TYPE: CHILE. Santiago: *R. A. Philippi s.n.* (B as photo F-9263). [≡ *Corynabutilon bicolor* (Phil. ex K. Schum.) Kearney]

Abutilon bidentatum Hochst. ex A. Rich., Tent. Fl. Abyss. 1: 68 (1847). —TYPE: ABYSSINIA [= ETHIOPIA]. Choho, *Dillon and A. Petit s.n.* (LECTOTYPE [Abedin, 1979]: P-herb. Richard); ETHIOPIA. Tigray Region, prope Agaur, *W. Schimper II-1003* (LECTOTYPE [Naqshi et al., 1988]: K; ISOLECTOTYPES: FI-Webb, MO, NY, P). Abedin's choice of lectotype has precedence over that of Naqshi et al.

Abutilon bidentatum var. *forrestii* (S. Y. Hu) Abedin, Fl. W. Pakistan 130: 64 (1979). Basionym: *Abutilon forrestii* S. Y. Hu, Fl. China, Fam. 153, 34 (1955).—TYPE: CHINA. YUNNAN: on the Yungpe mountain (latit. 26°45'N), Sep 1913, *G. Forrest 1135* (HOLOTYPE: K).

Abutilon bidentatum var. *major* (Blatt. & Hallb.) Bhandari, Fl. Indian Desert 60 (1978). Basionym: *Abutilon indicum* var. *major* Blatt. & Hallb., J. Bombay Nat. Hist. Soc. 26: 266 (1918).—TYPE: INDIA. Amarsagar, in ruderalis, Jaisalmer, Nov 1918, *E. Blatter 5644* (HOLOTYPE: BLAT).

Abutilon blandum Fenzl, Delect. Sem. Hort. Bot. Vindob. anno 1857, p. 3 (1858), nom. nud.

Abutilon blepharocarpum Mattei, Boll. Ort. Bot. Palermo n.s., 1: 93 (1915).—TYPE: SOMALILAND. Merca nelle dune, *Macaluso 45bis* (SYNTYPE: PAL); Sponde dell' Uebi Gof, Gamana, vallata del Giuba, *Scassellari 132/15* (SYNTYPE: FI).

Abutilon bracteosum Fryxell, Brittonia 32: 262 (1980).—TYPE: MEXICO. OAXACA: Mpio. de San Pedro Mixtepec, 6 km al N de Puerto Escondido sobre la terracería a San Gabriel Mixtepec, *S. D. Koch and P. A. Fryxell 78408* (HOLOTYPE: CHAPA; ISOTYPES: CTES, ENCB, MICH, NY, TEX).

Abutilon braunii Baker f., J. Bot. 74: 193 (1936).—TYPE: TANZANIA. Usambara: Mombo steppe, *Braun 127* (HOLOTYPE: "Amani herbarium").

Abutilon brenesii Standl., Publ. Field Mus Nat. Hist., Bot. Ser. 18: 664 (1937).—TYPE: COSTA RICA. Río Jesús de San Ramón, *Brenes 3587* (HOLOTYPE: F).

Abutilon bridgesii Baker f., J. Bot. 31: 338 (1893).—TYPE: BOLIVIA, 1847, *Bridges s.n.* (HOLOTYPE: BM; ISOTYPES: CTES [fragment], K).[= *Pseudabutilon virgatum* (Cav.) Fryxell]

Abutilon briquetii Hochr. ex Reineck & Czermak, Pl. Bras. Merid. ser. 2, no. 156 This name was apparently never validly published—cf. Kearney (1958, note 27).—Based on: BRAZIL. RIO GRANDE DO SUL: Porto Alegre, bei Canoas, Dec 1898, *Reineck and Czermak 156* (K, M as photo F-19680). [= *Abutilon umbelliflorum* A. St.-Hil.]

Abutilon buchii Urb., Notizbl. Bot. Gart. Berlin-Dahlem 7: 498 (1921).—TYPE: HAITI. Port-au-Prince, 100 m, *W. Buch 1305* (ISOTYPE: GH). [= *Abutilon haitiense* Urb.]

Abutilon burandtii Fryxell, Syst. Bot. 12: 274 (1987).—TYPE: VENEZUELA. LARA: S of Barquisimeto on road from Agua Viva to Caserio Terepaima, *P. A. Fryxell and C. L. Burandt 4320*

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(HOLOTYPE: VEN; ISOTYPES: CTES, MER, MO, MY, NY, PORT, TEX).

Abutilon bussei Gürke ex Ulbr., Bot. Jahrb. Syst. 48: 368 (1912).—TYPE: MOZAMBIQUE. On coast Lindi, road to Pili-Pili-Quelle, *W. C. O. Busse 2423* (B?, EA?).

Abutilon cabrae De Wild. & Durand, Bull. Soc. Roy. Bot. Belg. 38(2): 16 (1900).—TYPE: AFRICA. Bas-Congo, 1897, *A. F. F. Cabra s.n.* (HOLOTYPE: BR).

Abutilon "caldemni" Standl., [so.listed in IPNI, sphalm. "calderonii"—see following]

Abutilon calderonii Standl., J. Washington Acad. Sci. 14: 99 (1924).—TYPE: EL SALVADOR. San Salvador, 1923, *S. Calderón 1639* (HOLOTYPE: US-1152613). [= *Abutilon andrieuxii* Hemsl.]

Abutilon calderonii var. *longipilum* Standl., J. Wash. Acad. Sci. 14: 99 (1924).—TYPE: EL SALVADOR. Zacatecoluca, *S. Calderón 330* (HOLOTYPE: US-1151348). [= *Abutilon haenkeanum* C. Presl?]

Abutilon californicum Benth., Bot. Voy. Sulphur 8 (1844).—TYPE: MEXICO. BAJA CALIFORNIA: Magdalena Bay, 1841, *R. B. Hinds s.n.* (HOLOTYPE: K).

Abutilon calliphyllum Domin, Biblioth. Bot. 22 (89[5]): 950 (1928).—TYPE: AUSTRALIA. QUEENSLAND: near Hughenden, 1910, *K. Domin s.n.* (HOLOTYPE: PR).

Abutilon calycinum C. Presl, Reliq. Haenk. 2: 116 (1836).—TYPE: PERU, *T. Haenke s.n.* (LECTOTYPE [Fryxell, 1992]: PR; ISOTYPE: PR). [= *Abutilon mollissimum* (Cav.) Sweet]

Abutilon carinatum Krapov., Hickenia 1(51): 271. fig. 1A-C (1982) [as "carinatus"].—TYPE: BRAZIL. MINAS GERAIS: Piau, *P. Heringer 717* (HOLOTYPE: SP-47409). A photo of the holotype is reproduced by Krapovickas, loc. cit. fig. 2.

Abutilon carneum A. St.-Hil., Fl. Bras. Merid. 1: 205 (1827).—TYPE: BRAZIL. RIO DE JANEIRO: ad ripas amnis dicti Rio das Austras, *A. St.-Hilaire 163* (LECTOTYPE [here designated]: P; ISOTYPES: P as photo F-35448, P). [= *Abutilon esculentum* A. St.-Hil.]

Abutilon carterae Kearney, Madroño 13: 114 (1953).—TYPE: MEXICO. BAJA CALIFORNIA: Arroyo de Tabor, Sierra de la Giganta, W of Puerto Escondido, *A. Carter and L. Kellogg 2871* (HOLOTYPE: UC; ISOTYPES: CAS, DS, MEXU, NY?, US). [= *Abutilon xanti* A. Gray]

Abutilon caveleriei H. Lév., Repert. Nov. Spec. Regni Veg. 12: 185 (1913).—TYPE: CHINA. Kweichow, Nov 1905, *Cavalerie s.n.* (K?, P?). [= *Abutilon indicum* (L.) Sweet]

Abutilon cecilii N. E. Br., Bull. Misc. Inform. Kew 1906: 99 (1906), as "Cecili."—TYPE: RHODESIA. Manika Distr., on the Inyanga Mountains, 1800–2100 m, *Cecil 196* (HOLOTYPE: K?). [= *Abutilon longicuspe* Hochst.] *Abutilon cecilii* is treated as distinct by Vollesen (1995).

Abutilon ceratocarpum (Hook. & Arn.) Gay, Fl. Chil. 1: 331 (1846). Basionym: *Sida ceratocarpa* Hook. & Arn. in Hooker, Bot. Misc. 3: 154 (1833).—TYPE: CHILE, *C. Gay 795* (ISOTYPE: P). [≡ *Corynabutilon ceratocarpum* (Hook. & Arn.) Kearney]

Abutilon ceratocarpum var. *parviflorum* K. Schum. in Martius, Fl. Bras. 12(3): 434 (1891) [as "parviflora"].—TYPE: VENEZUELA. prope Topo, *E. Otto 906* (B-extant?).

Abutilon chachapoyense (Baker f.) Krapov., Bonplandia 3: 34 (1969). Basionym: *Sida chachapoyensis* Baker f., J. Bot. 30: 324 (1892).—TYPE: PERU. Chachapoya, *Mathews 3049* (K, OXF). [≡ *Tetrasida chachapoyensis* (Baker f.) Fryxell & Fuertes]

Abutilon chapelieri Baill., Bull. Soc. Linn., Par. 1: 508 (1885).—TYPE: MADAGASCAR, without locality, *Chapelier s.n.* (HOLOTYPE: P). [≡ *Wissadula chapelieri* (Baill.) Baker f.]

Abutilon chiriquinum A. Robyns, Ann. Missouri Bot. Gard. 52: 574 (1966).—TYPE: PANAMA. CHIRIQUÍ: vicinity of El Boquete, *Bro. Maurice 705* (HOLOTYPE: US; ISOTYPE: MO). [= *Abutilon divaricatum* Turcz.]

Abutilon chittendenii Standl., Trop. Woods 10: 5 (1927).—TYPE: HONDURAS. YORO: near Olanchito, *Record and Kuylen H.63* (HOLOTYPE: US; ISOTYPES: A, GH, NY). [= *Bakeridesia integerrima* (Hook. f.) D. M. Bates]

Abutilon cinctum Brandegee, Zoe 3: 348 (1893).—TYPE: MEXICO. SONORA: Las Durasnillas, 18 May 1892, *T. S. Brandegee s.n.* (HOLOTYPE: UC; ISOTYPE: US). [≡ *Bastardiastrum cinctum* (Brandegee) D. M. Bates]

Abutilon cinereum Griseb., Abh. Königl. Ges. Wiss. Göttingen (Symb. Fl. Argent.) 24: 45 (1879).—TYPE: ARGENTINA. SALTA: Pasage del Fl. Juramento, *P. G. Lorentz and G. Hieronymus 291* (HOLOTYPE: GOET; ISOTYPES: CTES, UC). [≡ *Pseudabutilon cinereum* (Griseb.) Krapov.]

Abutilon circinnatum (Spreng.) G. Don, Gen. Hist. 1: 502 (1831). Basionym: *Sida circinnata* Willd. ex Spreng., Syst. 3: 119 (1826).—TYPE: PERU. MARAÑON: *F. H. A. von Humboldt and A. Bonpland s.n.* (HOLOTYPE: B-W no. 12669). [= *Bastardia viscosa* (L.) H.B.K.]

Abutilon cistiflorum (Blume) G. Don, Gen. Hist. 1: 503 (1831). Basionym: *Sida cistiflora* Blume, Bijdr. Fl. Ned. Ind. 2: 77 (1825) ex Schltdl., Linnaea 1: 652 (1826), nom. illegit. (Art. 53.1) non *Sida cistiflora* L'Hér. 1789.—TYPE: JAVA. Bogor Botanic Garden, *C. L. Blume s.n.* (ISOTYPES: L, P). [= *Herissantia crispa* (L.) Brizicky]

Abutilon clausenii Krapov., Bonplandia 3: 37 (1969), non *Abutilon macrophyllum* A. St.-Hil. & Naud. 1842. Basionym: *Bastardia macrophylla* Ulbr., Notizbl. Bot. Gart. Berlin-Dahlem 6: 324 (1915).—TYPE: BRAZIL. RIO DE JANEIRO: in der Capoeira bei Nova Friburgo, *E. H. G. Ule 3630* (HO-

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LOTYPE: B as photo F- 9403; ISOTYPE: R). [≡ *Akrosida macrophylla* (Ulbr.) Fryxell & Fuertes]

Abutilon coahuilae Kearney, Madroño 12: 115 (1953).—TYPE: MEXICO. COAHUILA: Cerro de Santiago near Bolívar, *C. A. Purpus 4617* (HOLOTYPE: UC; ISOTYPES: F, US).

Abutilon coccineum Hort. ex Regel, Cat. Pl. Hort. Aksakov. 1 (1860), nom. nud.

Abutilon commune Oken, Allg. Naturgesch. 3(2): 1213 (1841).—TYPE:. unknown. [= *Abutilon theophrasti* Medik.]

Abutilon commutatum K. Schum. in Martius, Fl. Bras. 12(3): 405 (1891).—TYPE: not stated. LECTOTYPE. PUERTO RICO. Guanica, inter Montalba et Salinas, 7 Feb 1886, *Sintenis 3738* (LECTOTYPE [here designated]: NY; ISOLECTOTYPES: P, TEX, US). [≡ *Abutilon leucophaeum* Hochr., nom. superfl.] Grisebach (1859, p. 78) extended the concept of *Abutilon pedunculare* H.B.K. to include West Indian plants. Schumann (loc. cit.) asserted that the West Indian material was not conspecific with it (*A. pedunculare* H.B.K. being allied to *A. reflexum* [cf. Burandt and Fryxell, 1990]) and further that Grisebach's concept embraced two species. One of these was to be placed under the earlier name *A. pauciflorum* St.-Hil., and the other merited recognition as a distinct species, *A. commutatum.* For the latter species Schumann (loc. cit.) cited a Cuban specimen and "ample" Puerto Rican material in the herbaria of Krug and of Urban, but cited no specimens specifically, except for a reference to a collection of Sintenis (not otherwise identified). Clearly, *Sintenis 3738* was the Puerto Rican specimen referred to, since Urban (Symbolae Antillanae 4: 386. 1910) explicitly cited it, although the Urban/Krug material (at B) is no longer extant. In describing *A. pedunculare* sensu Griseb., Grisebach cited four collections, all from Jamaica, which were not mentioned (even indirectly) by Schumann. Therefore, the Sintenis collection is chosen as lectotype for *Abutilon commutatum* and thereby the synonymy of *A. commutatum* and *A. leucophaeum* is ensured. This accords with a letter (from B. P. G. Hochreutiner to N. L. Britton, 18 May 1923) attached to the isotype of *A. leucophaeum* (at NY), in which Hochreutiner agrees that "his" species (*A. leucophaeum*) is a synonym of *A. commutatum,* as was published by Urban (loc. cit.), who had studied and compared the original material.

Britton and Wilson (1924) describe this species as having "petals white, fading rose, somewhat longer than the calyx," a description that could apply to *A. hulseanum,* which they did not include. Their interpretation was followed by Liogier and Martorell (1982).

Abutilon confertiflorum A. Rich., Hist. Fis. Cuba, Bot. 10: 153 (1845).—TYPE: CUBA, *R. de la Sagra s.n.* (HOLOTYPE: P ex herb. Richard). [= *Abutilon permolle* (Willd.) Sweet]

Abutilon contractum (Link) Sweet, Hort. Brit. ed. 2, 64 (1830). Basionym: *Sida contracta* Link, Enum. Hort. Berol. Alt. 2: 204 (1822).—TYPE: Hort. Bot. Berlin ex MADAGASCAR (HOLOTYPE: B, destroyed); NEOTYPE: VENEZUELA. Caracas: prope Tabacal, *N. Funck* [as "*Galeotti*"] *460* (NEOTYPE [here designated]: P). [≡ *Wissadula contracta* (Link) R. E. Fr.] This species is not otherwise known from Madagascar; probably it was originally attributed to Madagascar in error.

Abutilon cordatum Garcke & K. Schum. in Martius, Fl. Bras. 12(3): 369 (1891).—TYPE: ECUADOR. GUAYAQUIL: Cerro Santa Ana, *Jameson 605* (HOLOTYPE: unknown; LECTOTYPE [Fryxell, 1992]: OXF; ISOLECTOTYPES: BM, US).[= *Abutilon dispermum* (Hochr.) Fryxell] Note: A specimen at K bearing the identification "Jameson 605" is in fact a specimen of *Pseudabutilon umbellatum* (L.) Fryxell.

Abutilon cornutum (Willd.) Sweet, Hort. Brit. ed. 2, 65 (1830). Basionym: *Sida cornuta* H.B.K. ex Willd., Enum. Pl. Hort. Berol. 724 (1809).—TYPE: ex hort. Berlin, *s. coll. s.n.* (HOLOTYPE: B-W no. 12668 as photo F- 9798).

Abutilon cornutum Dalz. ex T. Cooke, Fl. Bombay 98 (1901), nom. illegit. (Art. 53.1).—TYPE: Sind, *N. A. Dalzell 8* (lectotype [here designated]: K).

Abutilon costicalyx K. Schum. in Martius, Fl. Bras. 12(3): 414 (1891); ex Baker f., J. Bot. 31: 271 (1893), but the species is not accepted by either Schumann or Baker, and is thus not validly published (Art. 34.1).—Based on: BRAZIL. São João del Rei, *A. F. M. Glaziou 15837* (B as photo F-9265, P). [= *Abutilon scabridum* K. Schum., q.v. ≡ *Bakeridesia scabrida* (K. Schum.) Fryxell, comb. nov.]

Abutilon crassifolium (L'Hér.) G. Don, Gen. Hist. 1: 504 (1831). Basionym: *Sida crassifolia* L'Hér., Stirp. Nov. 1: 125. t. 60 (1789).—TYPE: Hort. Paris, ex HISPANIOLA, *Thierry s.n.* (LECTOTYPE [here designated]: G-DC).[= *Abutilon abutiloides* (Jacq.) Garcke ex Hochr.]

Abutilon crassifolium var. *tomentosum* (Cav.) G. Don, Gen. Hist. 1: 504 (1831). Basionym: *Sida tomentosa* Cav., Descr. Pl. 164 (1802).—TYPE: cultivated plant ex "America," (HOLOTYPE [cf. Garilleti, 1993]: MA-29791). [= *Abutilon abutiloides* (Jacq.) Garcke ex Hochr.]

Abutilon crassinervium Hochst. ex Mattei, Boll. Ort. Bot. Palermo n.s., 1: 100 (1915).—TYPE: ETHIOPIA, s. loc., *W. Schimper* in *Hohenacker 169* (HOLOTYPE: PAL).[= *Abutilon longicuspe* Hochst.]

Abutilon crinitum Klotzsch, Linnaea 14: 301 (1840).—TYPE: BRAZIL. BAHIA: Cruz de Casma, *Luschnath s.n.* (HOLOTYPE: B, destroyed). [=

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Wissadula hirsuta C. Presl = *Wissadula amplissima* (L.) R. E. Fr.]

Abutilon crispifolium (Cav.) Dusén, Arkiv Bot. 7(2): 28 (1907). Basionym: *Sida crispifolia* Cav., Ic. Pl. 5: 11. t. 419 (1799).—TYPE: AMERICA meridionalis portu vulgo Deseado, *L. Née s.n.* (HOLOTYPE: MA-29780). [≡ *Neobaclea crispifolia* (Cav.) Krapov.]

Abutilon crispum (L.) Medik., Malvenfam. 29 (1787). Basionym: *Sida crispa* L., Sp. Pl. 685 (1753).—TYPE: Dillenius, Hort. Eltham. t. 5. f. 5 (1732) (LECTOTYPE [Borssum Waalkes, 1966]). [≡ *Herissantia crispa* (L.) Brizicky]

Abutilon crispum (L.) Sweet, Hort. Brit. ed. 1, 53 (1826), isonym without status (Art. 6.3). Basionym: *Sida crispa* L., Sp. Pl. 685 (1753).—TYPE: Dillenius, Hort. Eltham. t. 5. f. 5 (1732) (LECTOTYPE [Borssum Waalkes, 1966]). [≡ *Herissantia crispa* (L.) Brizicky]

Abutilon crispum var. *imberbe* (DC.) Griseb., Fl. Brit. W. I. 80 (1859).—TYPE: "Guadalupa et Sancto Domingo," 1820, *C. G. Bertero s.n.* (HOLOTYPE: G-DC). [= *Herissantia crispa* (L.) Brizicky]

Abutilon crispum var. *svensonii* J. F. Macbr., Field Mus. Nat. Hist., Bot. Ser. 13(3A): 495 (1956).—TYPE: PERU. PIURA: Amotape Hills, *O. L. Haught and H. K. Svenson 11543* (HOLOTYPE: F?).

Abutilon croizatianum Moscoso, Cat. Fl. Domingensis 1: 356 (1943), nom. nov. ≡ *Sida pubescens* Cav., Diss. 1: 33. t. 7. f. 6 (1785), non *Abutilon pubescens* Moench (1794).—TYPE: SANTO DOMINGO, *J. Jussieu s.n.* (P; possible TYPE: MA-476276 [cf. Garilleti, 1993, p. 135]). [= *Abutilon indicum* (L.) Sweet]

Abutilon cryptopetalum (F. Muell.) F. Muell. ex Benth., Fl. Austral. 1: 201 (1863). Basionym: *Sida cryptopetala* F. Muell., Fragm. 2: 11. (1860/61).—TYPE: W. AUSTRALIA. ad Toodyay, *J. Drummond s.n.* (SYNTYPE: MEL?); prope White Peak, *A. F. Oldfield and P. Walcott s.n.* (SYNTYPE: MEL?).

Abutilon cryptopetalum Caum in O. Deg., Fl. Hawaiiensis Fam. 221. K_7 (1933), nom. illegit. (Art. 53.1).—TYPE: U.S.A. HAWAII: Maui, Maunalei Valley, *G. C. Munro 511* (HOLOTYPE: BISH). [≡ *Abutilon eremitopetalum* Caum, q.v.]

Abutilon cubanum Millsp., Publ. Field Columbian Mus., Bot. Ser. 2: 70 (1900).—TYPE: CUBA. SANTIAGO: San Juan Hill, *C. F. Millspaugh 1051* (HOLOTYPE: F as photo F-56211). [= *Gaya occidentalis* (L.) Sweet]

Abutilon cunninghamii Benth., Fl. Austral. 1: 205 (1863).—TYPE: AUSTRALIA. Enderby Island, NW Coast, July 1818, *A. Cunningham 127* (LECTOTYPE [here designated]: K). [= *Abutilon indicum* fide Wheeler et al. (1992)]

Abutilon cuspidatum Pittier, J. Washington Acad. Sci. 19: 181 (1929).—TYPE: VENEZUELA. MÉRIDA: between La Vega and San Juan, Chama Valley, *H. F. Pittier 12760* (HOLOTYPE: US as photo F-40817; ISOTYPE: NY).

Abutilon cyclonervosum Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 27 (1902).—TYPE: BOLIVIA. COROICO: Yungas, 22 Jul 1894, *M. Bang 2357* (HOLOTYPE: NY; ISOTYPES: CAS [fragment], CM, F as photo F-56127, −56128, GH, K, PH, S-2). [≡ *Abutilon bakeri* Rusby (1907), nom. superfl.]

Abutilon cymosum Triana & Planch., Ann. Sci. Nat. Bot. sér. 4, 17: 185 (1862).—TYPE: PANAMA. VERAGUAS: volcán de Chiriquí, *B. C. Seemann 1628* (LECTOTYPE [Robyns 1966]: K). [≡ *Pseudabutilon cymosum* (Triana & Planch.) Fryxell]

Abutilon cysticarpum Hance ex Walp., Ann. Bot. Syst. 2: 157 (1851); Hance, Pl. Nov. Austr. Chin. Diagn. 10 (1866).—TYPE: CHINA. HONG-KONG: *H. F. Hance s.n.* (HOLOTYPE: BM). [= *Abutilon indicum* (L.) Sweet]

Abutilon darwinii Hook. f., Bot. Mag. t. 5917 (1871).—TYPE: BRAZIL. (HOLOTYPE: plate 5917, loc. cit.).

Abutilon darwinii var. *trinerve* Regel, Gartenflora 23: 130. t. 794 (1874).—TYPE: (HOLOTYPE: plate 794, loc. cit.).

Abutilon decarpum Raf., New Fl. Amer. 1: 40 (1836), nom. illegit. (Art. 52.1). Basionym: *Sida abutiloides* Jacq., Observ. Bot. 1: 17. t. 17 (1764). [≡ *Abutilon abutiloides* (Jacq.) Garcke ex Hochr.]

Abutilon deflexum Moench, Methodus 1: 620 (1794), nom. illegit. (Art. 52.1). Basionym: *Sida occidentalis* L., Cent. Pl. II 26 (1756) ≡ *Abutilon occidentale* (L.) Medik., 1787.—TYPE: Dillenius, Hort. Eltham. t. 6 (1732). [≡ *Gaya occidentalis* (L.) Sweet]

Abutilon demissum Fryxell, Brittonia 32: 263 (1980).—TYPE: MEXICO. OAXACA: 1–2 km al oeste de Puerto Angel, *S. D. Koch and P. A. Fryxell 78402* (HOLOTYPE: CHAPA; ISOTYPES: BH, BM, CAS, CTES, ENCB, F as photo F-53121, K, MEXU, MO, NY, TEX, WIS). [= *Pseudabutilon orientale* (Standl. & Steyerm.) Fryxell]

Abutilon densiflorum (Hook. & Arn.) Walp., Repert. Bot. Syst. 1: 324 (1842). Basionym: *Sida densiflora* Hook. & Arn., Bot. Misc. 3: 155 (1833).—TYPE: BRAZIL, *J. Baird s.n.* (HOLOTYPE: K as photo CTES). [≡ *Bastardiopsis densiflora* (Hook. & Arn.) Hassl.]

Abutilon densivillosum Mattei, Boll. Ort. Bot. Palermo n.s., 1: 91 (1915).—TYPE: SOMALILAND. Mogadiscio, zona litoranea e dune, *Macaluso 39* (HOLOTYPE: PAL).

Abutilon dentatum Rose, Contr. U.S. Natl. Herb. 8: 318 (1905).—TYPE: MEXICO. CHIHUAHUA, Oct 1885, *C. G. Pringle 306* (HOLOTYPE: US; ISOTYPES: BM, BR, CAS, F, GH, K, MASS, MICH, NA, NY-2, P, PENN, PH, TEX, US, VT). [= *Abutilon abutiloides* (Jacq.) Garcke]

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Abutilon denticulatum (Fresen.) Webb, Fragm. Fl. Aethiop.-Aegypt. 51 (1854). Basionym: *Sida denticulata* Fresen., Mus. Senckenb. 1: 182 (1834).—TYPE: EGYPT. Thal Hebran, *Rüppell s.n.* (specimen unknown). [= *Abutilon fruticosum* Guillem. & Perr.]

Abutilon depauperatum (Hook. f.) Andersson, Kongl. Svenska Vetenskapsakad. Handl. (Galapagos Veg.) 1853: 230 (1855). Basionym: *Sida depauperata* Hook. f., Trans. Linn. Soc. 20: 232 (1847).—TYPE: ECUADOR. GALAPAGOS: Charles Island, Sep 1835, *C. Darwin s.n.* (HOLOTYPE: CGE). [≡ *Pseudabutilon depauperatum* (Hook. f.) Kearney]

Abutilon dianthum C. Presl, Reliq. Haenk. 2: 114 (1836).—TYPE: PERU. "in montibus huancorensibus," *T. Haenke s.n.* (LECTOTYPE [Fryxell, 1992]: PR; ISOLECTOTYPES: PR, W as photo F-32630).

Abutilon dinteri Ulbr., Bot. Jahrb. Syst. 51: 17 (1913).—TYPE: SOUTHWEST AFRICA. Okahandja, Otjihua, 1200 m, *K. Dinter 462* (LECTOTYPE [here designated]: P; ISOLECTOTYPE: WAG).

Abutilon diplotrichum F. Muell. ex Schltdl., Linnaea 25: 380 (1853).—TYPE: AUSTRALIA. near Cudnaka, *F. Mueller s.n.* (LECTOTYPE [Barker 1996]: MEL-516338; ISOLECTOTYPE: MEL-526348). [≡ *Abutilon fraseri* subsp. *diplotrichum* (F. Muell.) R. M. Barker]. Schlechtendal makes the combination *Sida* (subgen. *Abutilon*) *diplotricha*; therefore, the name *Abutilon diplotrichum* was not validly published by him (Art. 33.1).

Abutilon discissum (Bertol.) Schltdl., Linnaea 25: 218 (1852). Basionym: *Sida discissa* Bertol., Mem. Mat. Fis. Soc. Ital. Sci. Modena, Pt. Mem. Fis. 23: 305. t. 1 (1844).—TYPE: specimen unknown (BOLO?). LECTOTYPE [here designated]: Bertoloni's plate 1, loc. cit. [= *Neobrittonia acerifolia* (G. Don) Hochr.]

Abutilon discolor Baker f., J. Bot. 31: 73 (1893), nom. illegit. (Art. 52.1), since based on same type as *Abutilon notolophium* (1862).—TYPE: MEXICO. VERACRUZ: near Tantoyuca, *J. L. Berlandier 2163* [= *743*] (LECTOTYPES [Bates, 1973]: BM, F, GH, NY, US). [≡ *Bakeridesia notolophium* (A. Gray) Hochr.]

Abutilon dispermum (Hochr.) Fryxell, Fl. Ecuador 44: 12 (1992). Basionym: *Wissadula disperma* Hochr., Annuaire Conserv. Jard. Bot. Genève 20: 114 (1917).—TYPE: PERU. *J. A. Pavón s.n.* (HOLOTYPE: G as photo F-23755).]

Abutilon divaricatum Turcz., Bull. Soc. Imp. Naturalistes Moscou 31: 204 (1858).—TYPE: MEXICO. VERACRUZ: Mirador, *H. G. Galeotti 4071* (LECTOTYPE [Fryxell, 1976]: KW; ISOLECTOTYPES: BR, G as photo F-23765, K, P). Cf. Fryxell and Krapovickas (1990).

Abutilon divaricatum var. *hintonii* Fryxell, Brittonia 32: 265 (1980).—TYPE: MEXICO. MÉXICO: Distr. Temascaltepec, Pantoja, *G. B. Hinton et al. 7431* (HOLOTYPE: K; ISOTYPES: K, MICH, NY).

Abutilon domingense Turcz., Bull. Soc. Imp. Naturalistes Moscou 31: 205 (1858).—TYPE: [HISPANIOLA] SANTO DOMINGO, *B. Jaeger s.n.* (HOLOTYPE: KW; ISOTYPE: OXF).[= *Abutilon abutiloides* (Jacq.) Garcke] Cf. Fryxell and Krapovickas (1990).

Abutilon dubium Mattei, Boll. Ort. Bot. Palermo n.s., 1: 91 (1915). —TYPE: ETHIOPIA. Verso il Tigrè, *A. Figari s.n.* (HOLOTYPE: FI). [= *Abutilon fruticosum* Guillem. & Perr.]

Abutilon dugesii S. Watson, Proc. Amer. Acad. Arts 21: 447 (1886).—TYPE: MEXICO. GUANAJUATO: 1883, *E. Dugès s.n.* (HOLOTYPE: GH).

Abutilon durandoi Mattei, Boll. Ort. Bot. Palermo n.s., 1: 101 (1915), as "Durardoi".—TYPE: ALGERIA. Alger-Metidja, Jun-Aug 1889, *G. L. Durando s.n.* (HOLOTYPE: PAL).

Abutilon durangense Rose & York ex Rose, Contr. U.S. Natl. Herb. 10: 123. t. 40 (1906).—TYPE: MEXICO. DURANGO: 1896, *E. Palmer 587* (HOLOTYPE: US; ISOTYPES: BM, F, GH, NY, UC). [= *Abutilon simulans* Rose]

Abutilon eetveldeanum De Wild. & Durand, Bull. Soc. Roy. Bot. Belg. 38(2): 17 (1899).—TYPE: AFRICA (specimen unknown).

Abutilon eggersii Baker f., J. Bot. 31: 75 (1893).—TYPE: BAHAMAS. New Providence: Seven Hills, *H. F. A. von Eggers 4288* (HOLOTYPE: BM, as photo US). [= *Phymosia abutiloides* (L.) Ham.]

Abutilon elaeocarpoides Webb, Fragm. Fl. Aethiop.-Aegypt. 53 (1854).—TYPE: NUBIA. ad pagum Cordofanum Milbes, 29 Nov 1839, *K. G. T. Kotschy 278* (LECTOTYPE [here designated]: P; ISOLECTOTYPES: FI?, MO). [= *Abutilon ramosum* Guillem. & Perr.]

Abutilon elatum (Macfad.) Griseb., Fl. Brit. W. I. 79 (1859). Basionym: *Sida elata* Macfad., Fl. Jamaic. 1: 87 (1837).—TYPE: JAMAICA: *J. Macfadyen s.n.* (HOLOTYPE: K-herb. Hooker). [= *Abutilon giganteum* (Jacq.) Sweet]

Abutilon elegans A. St.-Hil., Fl. Bras. Merid. 1: 207 (1827).—TYPE: BRAZIL. Serra Negra ad limites prov. Minas Geraes et Rio de Janeiro, *A. St.-Hilaire s.n.* (HOLOTYPE: P as photo F-35452; ISOTYPE: P).

Abutilon elegans (Colla) Walp., Repert. Bot. Syst. 1: 325 (1842), nom. illegit. (Art. 53.1). BASIONYM: *Sida elegans* Bertero ex Colla, Mem. Reale Accad. Sci. Torino 35: 155 (1833).—TYPE: [COLOMBIA.] cultivated plant "in caldario" from seeds from Santa Marta (HOLOTYPE: specimen unknown, TO?).

Abutilon ellipticum Schltdl., Linnaea 11: 368 (1837).—TYPE: MEXICO. MICHOACÁN: Tlalpujahua, 1830, *F. W. Keerl s.n.* (HOLOTYPE: HAL;

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ISOTYPE: BR). [≡ *Pseudabutilon ellipticum* (Schltdl.) Fryxell]

Abutilon elongatum Moench, Suppl. Meth. 205 (1802), nom. illegit. (Art. 52.1). Basionym: *Sida indica* L., Cent. Pl. II 26 (1756).—TYPE: Hortus Upsaliensis (LECTOTYPE [Borssum Waalkes 1966]: LINN-866.29). [≡ *Abutilon indicum* (L.) Sweet]

Abutilon endlichii Ulbr., Bot. Jahrb. Syst. 48: 367 (1912).—TYPE: AFRICA. [KENYA]. Massaihochland: Flussniederung am Engare Nairobi, 1450 m, *R. Endlich 520* (M?).

Abutilon englerianum Ulbr., Bot. Jahrb. Syst. 51: 30 (1913).—TYPE: AFRICA. HERERORLAND: Grootfontein, steinige Abhänge, *K. Dinter 905* (HOLOTYPE: B-extant?).

Abutilon eremitopetalum Caum, Occas. Papers Bishop Mus. 10(15): 7 (1934), nom. nov., in adnot. Based on: *Abutilon cryptopetalum* Caum (1933), non *A. cryptopetalum* (F. Muell.) F. Muell. ex Benth. (1863)—TYPE: U.S.A. HAWAII: Maui, Maunalei Valley, *G. C. Munro 511* (HOLOTYPE: BISH).

Abutilon eriocarpum Speg. ex Stuck., Ann. Soc. Cient. Argent. 114: 9 (1932), nom. nud.

Abutilon erosum Schltdl., Linnaea 11: 367 (1837).—TYPE: MEXICO. MICHOACÁN: Tlalpujahua, 1830, *F. W. Keerl s.n.* (HOLOTYPE: HAL; ISOTYPE: BR). [= *Bastardia bivalvis* (Cav.) H.B.K.]

Abutilon erythraeum Mattei, Boll. Ort. Bot. Palermo n.s., 1: 88 (1915). —TYPE: ERITREA, s. loc., *A. Terracciano s.n.*[*306*?] (SYNTYPE: PAL); EGYPT. Valli del Fazoglide, Sep-Oct, *A. Figari s.n.* (SYNTYPE: FI); EGYPT. alta Nubia, *A. Figari s.n.* (SYNTYPE: FI).

Abutilon esculentum A. St.-Hil., Fl. Bras. Merid. 1: 240 (1827).—TYPE: BRAZIL. "prope Sebastianopolis" [Rio de Janeiro], *A. St.-Hilaire 73B* (LECTOTYPE [here designated]: P as photo F-35451; ISOTYPES: B as photo F-9266, P, US). [= *Bakeridesia purpurascens* (Link) Monteiro]

Abutilon esquirolii H. Lév., Bull. Acad. Int. Géogr. Bot. 23: 252 (1914).—TYPE: CHINA. GUIZHOU: Goui-Teou, 700 m, *J. H. Esquirol 3668* (ISOTYPE: GH). [= *Urena repanda* Roxb., fide Hu (1955).]

Abutilon eufigarei Chiov., Bull. Soc. Bot. Ital. 1917: 23. (1917).—TYPE: NUBIA. Fazogl sulle sponde del Nilo Bleu, *A. Figari 1867* (FI?).

Abutilon excelsior (Cav.) G. Don, Gen. Hist. 1: 500 (1831). Basionym: *Sida excelsior* Cav., Diss. 1: 27. t. 5. f. 3 (1785).—TYPE: PERU. *J. Jussieu s.n.* (HOLOTYPE: MA-29799 [cf. Garilleti, 1993]; ISOTYPE: P-JU no. 12310). [≡ *Wissadula excelsior* (Cav.) C. Presl]

Abutilon eximium Linden & Planch., Trois. Voy. Linden, Bot., Pl. Columb. 1: 45 (1863) [1874], nom. illegit. (Art. 52.1) ≡ *Abutilon pyramidale* Turcz. (1858).—TYPE: VENEZUELA. Barquisimeto et Humocaro-Bajo, *N. Funck and L. J. Schlim 749* (LECTOTYPE [here designated]: W as photo F-32634; ISOLECTOTYPES: MPU, P).

Abutilon exonemum F. Muell., Fragm. 11: 63 (1879).—TYPE: AUSTRALIA. Nickol River, *J. Forrest s.n.* (HOLOTYPE: MEL?).

Abutilon exstipulare (Cav.) G. Don, Gen. Hist. 1: 503 (1831). Basionym: *Sida exstipularis* Cav., Diss. 1: 31. t. 7. f. 3 (1785).—TYPE: Ins. Bourbon. *P. Commerson s.n.* (LECTOTYPE [Marais, 1987]: P-JU 12319; ISOTYPE: P; possible TYPE [Garilleti, 1993]: MA-476316). [= *Abutilon indicum* var. *australiense* Hochr., fide Borssum Waalkes (1966)]

Abutilon exstipulare (Cav.) Jacob de Cordem., Fl. Réunion 325 (1895), isonym without status (Art. 6.3). Basionym: *Sida exstipularis* Cav. See preceding entry.

Abutilon falcatum A. St.-Hil. & Naud., Ann. Sci. Nat. Bot. sér 2, 18: 48 (1842).—TYPE: BRAZIL. Rio de Janeiro, *C. Gaudichaud 944* (HOLOTYPE: P; ISOTYPES: G as photo F-23766, P). Possibly a synonym, fide Garcke (1893), of *Abutilon schenkii* K. Schum.

Abutilon ferrugineum H.B.K., Nov. Gen. Sp. 5: 271 (1822).—TYPE: ECUADOR. "prope Loxam Peruvianorum," *F. H. A. von Humboldt and A. Bonpland s.n.* (HOLOTYPE: P-HBK). [≡ *Wissadula ferruginea* (H.B.K.) Garcke & K. Schum.] Note: Loja is in Ecuador, not Peru.

Abutilon figarianum Webb, Fragm. Fl. Aethiop.-Aegypt. 52 (1854).—TYPE: NUBIA. ad montem Cordofanum Arasch Cool, 14 Oct 1839, *K. G. T. Kotschy 180* (LECTOTYPE [here designated]: P-herb. Durand; ISOLECTOTYPES: E, K, MO-2, P-herb. Steudel).

Abutilon flanaganii A. Meeuse, Bothalia 7: 483 (1961).—TYPE: AFRICA. CAPE PROVINCE: Komgha, near Komgha, *H. G. Flanagan 340* (HOLOTYPE: PRE; ISOTYPE: NBG).

Abutilon flavum Ulbr., Bot. Jahrb. Syst. 51: 26 (1913)—TYPE: GROSS-NAMALAND. Satansplatz, an den Steilufern des Tsub, *K. Dinter 2077* (SYNTYPE: B-extant?); Inachab, *K. Dinter 984* (SYNTYPE: B-extant?).

Abutilon flavum Ostenf., Dansk Bot. Ark. 2(8): 21. fig. 6 (1918), nom. illegit. (Art. 53.1).—TYPE: WESTERN AUSTRALIA. near the jetty at Derby, 7 Nov 1914, *C. E. H. Ostenfeld 1171* (C). See preceding entry.

Abutilon floribundum Schltdl., Linnaea 11: 366 (1837).—TYPE: MEXICO. MICHOACÁN: Tlalpujahua, 1830, *F. W. Keerl s.n.* (HOLOTYPE: HAL; ISOTYPE: BR). [≡ *Allowissadula floribunda* (Schltdl.) Fryxell]

Abutilon flueckigerianum K. Schum. in Martius, Fl. Bras. 12(3): 370 (1891).—TYPE: URUGUAY. *F. Sellow 1741* (SYNTYPE: specimen not located); ARGENTINA. *G. Niederlein 266* (SYNTYPE: spec-

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imen not located).] [= *Abutilon malachroides* A. St.-Hil. & Naud.]

Abutilon fluviatile (Vell.) K. Schum. in Martius, Fl. Bras. 12(3): 400 (1891). Basionym: *Sida fluviatilis* Vell., Fl. Flum. 278 (1825) [1827]; t. 7 (1827) [1829].—TYPE: LECTOTYPE [here designated]: plate 7, loc. cit. EPITYPE: BRAZIL. Aquaeduct bei Rio de Janeiro, *A. C. V. Schott s.n.* (B as photo F-9267). In the absence of a Vellozo specimen, the only specimen cited by Schumann (loc. cit.) is an appropriate choice as epitype.

Abutilon foetidum (Cav.) Moench, Suppl. Meth. 206 (1802). Basionym: *Sida foetida* Cav., Diss. 6: 349. t. 196. f. 1 (1788).—TYPE: PERU. Lima, ex R. Hort. Paris (HOLOTYPE: MA? [cf. Garilleti, 1993, p. 127]). [= *Bastardia viscosa* (L.) H.B.K.]

Abutilon forrestii S. Y. Hu, Fl. China, Fam. 153: 34 (1955).—TYPE: CHINA. YUNNAN: on the Yungpe mountain (latit. 26°45'N), Sep 1913, *G. Forrest 11135* (K). See: *Abutilon bidentatum* var. *forrestii.*

Abutilon fragile Brandegee, Zoe 5: 156 (1903).—TYPE: MEXICO. BAJA CALIFORNIA SUR: cape Region, Sierra de la Trinidad, Nov. 1902, *T. S. Brandegee s.n.* (HOLOTYPE: UC). [= *Abutilon californicum* Benth.]

Abutilon fraseri (Hook. f.) Walp., Ann. Bot. Syst. 2: 158 (1851). Basionym: *Sida fraseri* Hook. f. in Mitchell, Trop. Austral. 368. (1848).—TYPE: AUSTRALIA. Brisbane River, *C. Fraser & Smith s.n.* (HOLOTYPE: K?).

Abutilon fraseri subsp. *diplotrichum* (F. Muell.) R. M. Barker, Muelleria 9: 113 (1996). Basionym: *Abutilon diplotrichum* F. Muell., nom. illegit. (Art. 33.1) ex Schltdl., Linnaea 25: 751 (1853).—TYPE: AUSTRALIA. near Cudnaka, *F. Mueller s.n.* (LECTOTYPE [Barker, 1996]: MEL-516338; ISOLECTOTYPE: MEL-516348).

Abutilon fraseri var. *diplotrichum* (F. Muell.) Domin, Biblioth. Bot. 22 (89[5]): 954 (1928), nom. illegit. (Art. 52.1), since var. *parviflorum* is given in synonymy. Basionym: *Abutilon diplotrichum* F. Muell. ex Schltdl., Linnaea 25: 751 (1853).—TYPE: AUSTRALIA. near Cudnaka, *F. Mueller s.n.* (LECTOTYPE [Barker, 1996]: MEL-516338; ISOLECTOTYPE: MEL-516348). [= *Abutilon fraseri* subsp. *diplotrichum* (Schltdl.) R. M. Barker]

Abutilon fraseri var. *halophilum* (F. Muell.) Benth., Fl. Austral. 1: 205 (1863). Basionym: *Abutilon halophilum* F. Muell..—TYPE: AUSTRALIA. Flinders Range, montem Brown, Nov 1851, *F. Mueller s.n.* (LECTOTYPE [Barker, 1996]: MEL-594392).

Abutilon fraseri var. *parviflorum* Benth., Fl. Austral. 1: 205 (1863).—TYPE: AUSTRALIA. Mt. Goningberri proper, 30 Dec 1860, *H. Beckler, s.n.* (LECTOTYPE [here designated]: MEL-111389; ISOLECTOTYPES: K-herb. Hooker, MEL-111388). [= *Abutilon fraseri* subsp. *diplotrichum* (F. Muell.) R. M. Barker]

Abutilon frutescens Medik., Malvenfam. 29 (1787).—TYPE: unknown.

Abutilon fruticosum Guillem. & Perr., Fl. Seneg. Tent. 1: 70 (1831).—TYPE: SENEGAL. in insula Saffal, fluminis Senegal prope Saint-Louis, 1825, *F. R. Leprieur s.n.* (LECTOTYPE [here designated]: P; ISOLECTOTYPE: P-herb. Dugand).

Abutilon fruticosum var. *chrysocarpum* Blatt. & Hallb., J. Bombay Nat. Hist. Soc. 26: 277 (1918); Bhandari, Fl. Indian Des. 61 (1978).—TYPE: INDIA. Jaisalmer (Rajasthan), *E. Blatter 5660* (HOLOTYPE: BLAT).

Abutilon fruticosum var. *microphyllum* (A. Rich.) Abedin, Fl. W. Pakistan 130: 58 (1979). Basionym: *Abutilon microphyllum* A. Rich., Tent. Fl. Abyss. 1: 70 (1847).—TYPE: ABYSSINIA [= ETHIOPIA]. Choho, *R. Quartin-Dillon and A. Petit s.n.* (HOLOTYPE: P).

Abutilon fruticosum var. *saidae* Abedin, Fl. W. Pakistan 130: 101 (1979).—TYPE: PAKISTAN. Sargodha Distr., ca. 1 mi from Katwai, *Qaiser 2623* (HOLOTYPE: KUH; ISOTYPE: KUH).

Abutilon fugax Domin, Biblioth. Bot. 22 (89[5]): 952 (1928).—TYPE: AUSTRALIA. QUEENSLAND: on the Flinders River near Hughenden, 1910, *K. Domin s.n.* (HOLOTYPE: PR).

Abutilon furfurellum Miq., Fl. Ned. Ind. (Fl. Ind. Batav.) 1: 144 (1855).—TYPE: JAVA. *H. Zollinger s.n.* (ISOTYPES: GH, U). [= *Sida thyrsiflora* Miq., fide Borssum Waalkes (1966)]

Abutilon fuscicalyx Ulbr., Repert. Nov. Spec. Regni Veg. 13: 498 (1915).—TYPE: BOLIVIA australis, prope Paicho vicum haud procul a Tarija oppido, 2900 m, 4 Feb 1904, *K. Fiebrig 3039* (HOLOTYPE: B as photo F-9269; ISOTYPES: A, NY, U, US). Note: The photo of the holotype includes drawings of dissected floral parts, presumably by Ulbrich.

Abutilon galeottii Baker f., J. Bot. 31: 73 (1893).—TYPE: MEXICO. VERACRUZ: *H. G. Galeotti 4103* (LECTOTYPE [Bates, 1973]: K; ISOLECTOTYPES: BR, G, P). [= *Bakeridesia ferruginea* (Martyn in Mill.) Krapov.]

Abutilon galpinii A. Meeuse, Bothalia 7: 484 (1961).—TYPE: TRANSVAAL. Barberton, Umvoti Creek, *E. R. Galpin 767* (HOLOTYPE: PRE; ISOTYPE: GRA).

Abutilon garckei Baker f., J. Bot. 31: 336 (1893), nom. nov., based on: *Sida acerifolia* sensu Garcke, Bot. Jahrb. Syst. 15: 491 (1893), non *Sida acerifolia* Medik. (1787).—TYPE: CHILE. Valdivia, *W. Lechler 376a* (ISOTYPE: P). [= *Corynabutilon vitifolium* (Cav.) Kearney]

Abutilon gaumeri Standl., Publ. Field Mus. Nat. Hist., Bot. Ser. 8: 24 (1930).—TYPE: MEXICO. YUCATÁN: *G. F. Gaumer 24072* (HOLOTYPE: F as photo F-56140; ISOTYPES: A, BM, C-2, F, GH, MO,

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NY, US). [≡ *Bakeridesia gaumeri* (Standl.) D. M. Bates]

Abutilon gebauerianum Hand.-Mazz., Symb. Sin. 7: 607 (1933).—TYPE: CHINA. YUNNAN: Feb 1914, *Gebauer s.n.* (W?).

Abutilon geminiflorum H.B.K., Nov. Gen. Sp. 5: 274. t. 474 (1822)—TYPE: VENEZUELA. prope Caracas, *F. H. A. von Humboldt and A. Bonpland 1132* (HOLOTYPE: P-HBK; ISOTYPE: B-W no. 12680, as photo F-9795).

Abutilon geranioides (DC.) Benth., Fl. Austral. 1: 202 (1863). Basionym: *Sida geranioides* DC., Prodr. 1: 474 (1824).—TYPE: W. AUSTRALIA, 1801, *T. N. Baudin s.n.* (HOLOTYPE: P; ISOTYPE: P).

Abutilon ghafoorianum Abedin, Fl. Pakistan 130: 101 (1979).—TYPE: PAKISTAN. Sahiwal Distr., 1 mi from Chichewatni, *S. Abedin 7508* (HOLOTYPE: KUH).

Abutilon giganteum (Jacq.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida gigantea* Jacq., Pl. Rar. Hort. Schoenbr. 2: 8. t. 141 (1797).—TYPE: loc. cit., plate 141.

Abutilon giganteum (Jacq.) C. Presl, Reliq. Haenk. 2: 116 (1835), isonym without status (Art. 6.3). Basionym: *Sida gigantea* Jacq. See preceding entry.

Abutilon giganteum var. *detonsum* Triana & Planch., Ann. Sci. Nat. Bot. sér. 4, 17: 183 (1962).—TYPE: COLOMBIA. près de Tocaima, dans le vallée du Magdalena, *J. J. Triana* [?] *s.n.* (specimen not located).

Abutilon glabriflorum Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 439 (1920).—TYPE: MEXICO. TAMAULIPAS: vicinity of Victoria, May-Jun 1907, *E. Palmer 373* (HOLOTYPE: NY; ISOTYPES: CM, F-2 as photos F-56137, F-56138, GH, K, MO, NY, UC, US).

Abutilon glaucum (Cav.) Sweet, Hort. Brit. ed. 1, 54 (1826). Basionym: *Sida glauca* Cav., Icones 1: 8. t. 11 (1791).—TYPE: SENEGAL.(possible TYPE [Garilleti, 1993, p. 127]: MA-476318). [= *Abutilon pannosum* (G. Forst.) Schltdl.]

Abutilon glaucum (Cav.) G. Don, Gen. Hist. 1:504 (1831), isonym without status (Art. 6.3). Basionym: *Sida glauca* Cav. See preceding citation.

Abutilon glaziovii K. Schum. in Martius, Fl. Bras. 12(3): 408 (1891).—TYPE: BRAZIL. Petropolis, near Rio de Janeiro, *A. F. M. Glaziou 10307* (HOLOTYPE: B as photo F-9270; ISOTYPES: C-2, K, P-2).

Abutilon glechomifolium A. St.-Hil., Fl. Bras. Merid. 1: 198. t. 411 (1827) (as "glechomaefolium").—TYPE: URUGUAY. CISPLATINA, *A. St.-Hilaire 2435* (HOLOTYPE: P). [≡ *Wissadula glechomifolium* (A. St.-Hil.) R. E. Fr. (as "glechomatifolium")]

Abutilon globiflorum (Hook.) G. Don, Gen. Hist. 1: 502 (1831). Basionym: *Sida globiflora* Hook., [Curtis'] Bot. Mag. 55: t. 2821 (1828).—TYPE: MAURITANIA?, *Mathews 1550* (specimen not located). Note. Baker (1893, p. 271) casts doubt on its geographic origin, suggesting Peru or Chile as its actual provenance. G. Don (loc. cit.) says it is either *Periptera* or a new genus, but the plate clearly represents an *Abutilon.*

Abutilon goldmanii Baker f. & Rose, Contr. U.S. Natl. Herb. 5: 170 (1899).—TYPE: MEXICO. VERACRUZ: Papantla, *E. A. Goldman 86* (HOLOTYPE: US; ISOTYPE: GH). [= *Bakeridesia notolophium* (A. Gray) Hochr.]

Abutilon goudotianum Triana & Planch., Ann. Sci. Nat. Bot. sér. 4, 17: 184 (1862).—TYPE: COLOMBIA ["New Granada"]: Bogotá: entre Tocaima et Magdalena, 1844, *J. Goudot s.n.* (LECTOTYPE [here designated]: P). [= *Bakeridesia integerrima* (Hook. f.) Bates]

Abutilon grandidentatum Fryxell, Madroño 23: 324 (1976).—TYPE: MEXICO. OAXACA: Cerro Guiengola, *T. B. MacDougall H143* (HOLOTYPE: NY; ISOTYPES: CAS, F as photo F-56136, NY, TEX).

Abutilon grandiflorum G. Don, Gen. Hist. l: 504 (1831).—TYPE: GUINEA. *coll.*? (BM?). [= *Abutilon indicum* (L.) Sweet]

Abutilon grandifolium (Willd.) Sweet, Hort. Brit. ed. 1, 53 (1826). Basionym: *Sida grandifolia* Willd., Enum. Hort. Berol. 2: 724 (1809).—TYPE: Hort. Bot. Berolinensis (HOLOTYPE: B-W no. 12714).

Abutilon grantii A. Meeuse, Fl. Zambes. 1: 493 (1961). —TYPE: NATAL. "Port Natal" (Durban), *A. G. Grant s.n.* (HOLOTYPE: K; ISOTYPE: PRE).

Abutilon graveolens (Roxb. ex Hornem.) Wight & Arn., Cat. Indian Pl. 13 (1833). Basionym: *Sida graveolens* Roxb. ex Hornem., Suppl. Hort. Bot. Hafn. 77 (1819).—TYPE: INDIA orient., *W. Roxburgh s.n.* (HOLOTYPE: C; ISOTYPES: BR, K, PH?). [= *Abutilon hirtum* (Lam.) Sweet] Note: *Abutilon graveolens* is treated as distinct by Vollesen (1995).

Abutilon graveolens (Roxb. ex Hornem.) Seem., Bot. Voy. Herald 365 (1857), isonym without status (Art. 6.3). Based on: *Sida graveolens* Roxb. See preceding entry.

Abutilon graveolens var. *hirtum* (Lam.) Mast. in Hook. f., Fl. Brit. India 1: 327 (1874). Basionym: *Sida hirta* Lam., Encycl. 1: 7 (1783).—TYPE: INDIA. *P. Sonnerat s.n.* (HOLOTYPE: P-LA). [≡ *Abutilon hirtum* (Lam.) Sweet]

Abutilon graveolens var. *queenslandicum* Domin, Biblioth. Bot. 22 (89^5): 952 (1928), in obs.—TYPE: AUSTRALIA. QUEENSLAND: *J. MacGillivray s.n.* (specimen not located).

Abutilon greveanum (Baill.) Hochr., Fl. Madagasc., Fam. 129: 137 (1955). Basionym: *Sida greveana* Baill., Bull. Mens. Soc. Linn. Paris 1: 504 (1885).—TYPE: MADAGASCAR. Morondava, *Grève 22* (HOLOTYPE: P; ISOTYPE: P). See *Abutilon intermedium* var. *greveanum.*

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Abutilon grevilleanum (Gillies ex Hook.) Walp., Repert. Bot. Syst. 1: 324 (1842). Basionym: *Sida grevilleana* Gillies ex Hook., Bot. Misc. 3: 154 (1833).—TYPE: ARGENTINA. MENDOZA: *J. Gillies 139* (HOLOTYPE: K; ISOTYPES: G as photo F-8000, GH, OXF). [= *Pseudabutilon virgatum* (Cav.) Fryxell]

Abutilon grewiifolium (Ulbr.) Krapov., Bonplandia 3: 39 (1969). Basionym: *Abutilothamnus grewiifolius* Ulbr., Notizbl. Bot. Gart. Berlin-Dahlem 6: 316. 1915.—TYPE: BRAZIL. Rio Acre, *E. H. G. Ule 9589* (HOLOTYPE: B as photo F-9336; ISOTYPES: CTES [fragment], G, K, MG). [≡ *Bastardiopsis grewiifolia* (Ulbr.) Fuertes & Fryxell, comb. nov.]

Abutilon guichenotianum Decne., Nouv. Ann. Mus. Hist. Nat. sér. 3, 3: 434 (1834).—TYPE: TIMOR. *A. Guichenot s.n.* (HOLOTYPE: P). [= *Abutilon auritum* (Wall.) Merr.]

Abutilon guineënse (Schumach.) Baker f. & Exell, J. Bot. 74 (Suppl.): 22 (1936). Basionym: *Sida guineënsis* Schumach., Kongel. Dansk. Vidensk. Selsk. Naturvidensk. Math. Afh. 4: 81 (1829).—TYPE: GUINEA [= GHANA], *T. Thonning 38* (C-5, S). [≡ *Abutilon indicum* subsp. *guineënse* (Schumach.) Borss. Waalk.]) . See Hepper (1976, p. 69).

Abutilon gymnanthemum Griseb., Abh. Königl. Ges. Wiss. Göttingen (Symb. Fl. Argent.) 24: 47 (1879).—TYPE: ARGENTINA. CATAMARCA: Quebrada de Choya, *F. Schickendantz 209* (LECTOTYPE [here designated]: GOET; ISOTYPE: B as photo F-9301). [≡ *Wissadula gymnanthemum* (Griseb.) K. Schum.]

Abutilon haenkeanum C. Presl, Reliq. Haenk. 2: 115 (1835). [≡ *Sida presliana* D. Dietr., Syn. Pl. 4: 856 (1847)].—TYPE: MEXICO. "in terris mexicanus occidentalibus," *T. Haenke s.n.* (HOLOTYPE: PR; ISOTYPES: BM, MO, PR, W as photo F-32631).

Abutilon haitiense Urb., Symb. Antill. 5: 417 (1908).—TYPE: HAITI. *L. Picarda 136b* (HOLOTYPE: B-extant?).

Abutilon halophilum F. Muell. ex Schltdl., Linnaea 25: 381 (1853).—TYPE: AUSTRALIA. Flinders Range, montem Brown, Nov 1851, *F. Mueller s.n.* (LECTOTYPE [Barker, 1996]: MEL-594392). See: *Abutilon fraseri* var. *halophilum.*

Abutilon hannii Baker f., J. Bot. 31: 268 (1893).—TYPE: AUSTRALIA. QUEENSLAND: Cape York Peninsula, *W. Hann 76* (HOLOTYPE: K).

Abutilon harmsianum Ulbr., Bot. Jahrb. Syst. 51: 29 (1913).—TYPE: HEREROLAND. Omaruru, *K. Dinter 1427* (HOLOTYPE: B-extant?). [= *Abutilon ramosum* (Cav.) Guillem. & Perr.]

Abutilon hassleranum Hochr., Bull. Herb. Boissier sér. 2, 5: 90 (1904); Pl. Hassl. 2: 550 (1904).—TYPE: PARAGUAY. ad marginem sylvae Cordillera de Altos, *E. Hassler 347a* (HOLOTYPE: G). [≡ *Hochreutinera hasslerana* (Hochr.) Krapov.]

Abutilon hassleranum forma *johnsonii* (Ekman) Hassl., Repert. Spec. Nov. Regni Veg. 8: 120 (1910). Basionym: *Abutilon johnsonii* Ekman, Arkiv Bot. Stockh. 9(4): 22 (1909).—TYPE: ARGENTINA. MISIONES: Posadas in novalis prope praedium "Las Granja," *E. L. Ekman 157* (HOLOTYPE: S?; ISOTYPE: G as photo F-23768). [= *Hochreutinera hasslerana* (DC.) Krapov.]

Abutilon hassleranum forma *pilcomayense* Hassl., Repert. Spec. Nov. Regni Veg. 8: 120 (1910).—TYPE: ARGENTINA. Gran Chaco, ad marginas silvarum ad flumen Pilcomayo, *T. Rojas 284* (HOLOTYPE: G).

Abutilon hastatum Ridl., Trans. Linn. Soc. London Bot., ser. 2, 3: 279 (1893).—TYPE: MALAYA, Kuala Berar, *H. N. Ridley s.n.* (HOLOTYPE: SING). [= *Wissadula periplocifolia* (L.) C. Presl ex Thwaites]

Abutilon hemsleyanum Rose, Contr. U.S. Natl. Herb. 10: 123 (1906), nom. nov. Basionym: *Abutilon sidoides* Hemsl. (1879), non *Abutilon sidoides* Dalzell & Gibson (1861).—TYPE: MEXICO. SAN LUIS POTOSÍ: *C. C. Parry and E. Palmer 89* (HOLOTYPE: K; ISOTYPES: BM, NY, US). [= *Pseudabutilon ellipticum* (Schltdl.) Fryxell]

Abutilon hernandioides (L'Hér.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida hernandioides* L'Hér., Stirp. Nov. 2: 121. t. 58 (1789).—TYPE: in Hort. Paris ex HISPANIOLA (G?). [≡ *Wissadula hernandioides* (L'Hér.) Garcke]

Abutilon herzogianum R. E. Fr., Meded. Rijks. Herb. 19: 45 (1913).—TYPE: BOLIVIA. zwischen Atajado und Parapiti, *T. Herzog 1185* (HOLOTYPE: not located, S?, U?; ISOTYPE: B as photo F- 9272).

Abutilon heterotrichum Hochst. ex Mast. in Oliv., Fl. Trop. Afr. 1: 187 (1868) pro syn., thus not validly published (Art. 34.1)

Abutilon heterotrichum Hochst. ex Mattei, Boll. Reale Ort. Bot. Palermo n.s., 1: 90 (1915).—TYPE: ABYSSINIA [= ETHIOPIA]. in montibus prope Dschadscha, *W. Schimper 2306* (HOLOTYPE: PAL; ISOTYPES: K, P). [= *Abutilon hirtum* (Lam.) Sweet]

Abutilon hirsutissimum Moench, Suppl. Meth. 205 (1802), nom. illegit. (Art. 52.1). Basionym: *Sida asiatica* L., Cent. Pl. II. 26 (1756).—TYPE: specimen unknown. See *Abutilon asiaticum* (L.) Sweet.

Abutilon hirsutum Rumph., Herb. Amboin. 4: 29 (1743). Not validly published (Articles 13.1, 32.1, 34.7).

Abutilon hirsutum (Vell.) K. Schum. in Martius, Fl. Bras. 12(3): 437 (1891). Basionym: *Sida hirsuta* Vell., Fl. Flum. 279 (1825) [1829]; t. 20 (1827) [1831].—TYPE: Vellozo's plate 20.

Abutilon hirsutum (Phil.) Reiche, Fl. Chile 1: 219 (1895), nom. illegit. (Art. 53.1), non *Abutilon hirsutum* (Vell.) K. Schum. (1891). Basionym: *Anoda? hirsuta* Phil., Linnaea 28: 675 (1856).—TYPE:

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CHILE. CHILLAN: in andibus, *P. Germain s.n.* (HOLOTYPE: SGO).

Abutilon hirtum (Lam.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida hirta* Lam., Encycl. 1: 7 (1783).—TYPE: INDIA, *P. Sonnerat s.n.* (HOLOTYPE: P-LA). See: *Abutilon graveolens* var. *hirtum.*

Abutilon hirtum (Lam.) G. Don, Gen. Hist. 1: 503 (1831), isonym without status (Art. 6.3). Based on: *Sida hirta* Lam. See preceding citation.

Abutilon hirtum Jacob de Cordem., Fl. Réunion 326 (1895), isonym without status (Art. 6.3). Based on: *Sida hirta* Lam., See preceding citations.

Abutilon hirtum var. *heterotrichum* (Mattei) Cufod., Bull. Jard. Bot. Etat 29 (Suppl.) 536 (1959). Basionym: *Abutilon heterotrichum* Hochst. ex Mattei (1915).—TYPE: ABYSSINIA [= ETHIOPIA]. Dschadscha, *W. Schimper 2306* (ISOTYPES: K, P).[= *Abutilon hirtum* (Lam.) Sweet]

Abutilon hirtum var. *yuanmouense* K. M. Feng, Fl. Yunnanica 2: 204 (1979).—TYPE: CHINA. YUNNAN: *K. Huang 324* (HOLOTYPE: HY).

Abutilon holosericeum Scheele, Linnaea 21: 471 (1848).—TYPE: U.S.A. TEXAS: *F. J. Lindheimer III-354* (HOLOTYPE: LZ-destroyed?; LECTOTYPE [here designated]: NY; ISOTYPES: ASU, BM, GOET, K-4, MO, NY, OXF, P, PH-2, UPS, US-2). Note: Scheele obtained Lindheimer specimens from Roemer, the main part of whose collections were at LZ and are now lost. [≡ *Allowissadula holosericea* (Scheele) D. M. Bates]

Abutilon holstii K. Schum. ex Engl., Abh. Königl. Akad. Wiss. Berlin 1894: 65 (1894).—TYPE: Usambara, *C. H. E. W. Holst 8936* (ISOTYPES: P-2). Note: The specimens are labelled *Abutilon holstii* Gürke.

Abutilon holwayi Rose, Contr. U.S. Natl. Herb. 8: 318 (1905).—TYPE: MEXICO. OAXACA: near city, *E. W. D. Holway 5374* (HOLOTYPE: US). [= *Abutilon simulans* Rose]

Abutilon hulseanum (Torr. & A. Gray) Torr. in A. Gray, Mem. Amer. Acad. Arts 4 (Pl. Fendl.): 23 (1849). Basionym: *Sida hulseana* Torr. & A. Gray, Fl. N. Amer. 1: 233 (1838).—TYPE: U.S.A. FLORIDA: Tampa Bay, *Hulse s.n.* (HOLOTYPE: NY). The validity of the publication of this name can be questioned (Art. 34.1) since Gray stated "*S*[ida] *hulseana* Torr. & Gray l.c. (*Abutilon hulseanum* Torr. inedit.) is probably *Abutilon confertiflorum.*"

Abutilon hybridum Voss, Vilm. Blumengaertn., ed. 3, 1: 135 (1894).—TYPE: unknown.

Abutilon hypoleucum A. Gray, Smithsonian Contr. Knowl 3 (art. 5) (Pl. Wright.) 1: 20 (1852).—TYPE: MEXICO. NUEVO LEÓN: Monterrey, *J. L. Berlandier s.n.* (LECTOTYPE [Fryxell, 1988]: K).

Abutilon ibarrense H.B.K., Nov. Gen. Sp. 5: 272 [folio ed. 211] (1822).—TYPE: ECUADOR. [IMBABURA:] "In Regno Quitensi, prope villa de Ibarra," *F. H. A. von Humboldt and A. Bonpland 2197* (HOLOTYPE: P-HBK; ISOTYPES: B-W no. 12706 as photo F-9793, P-2).

Abutilon imberbe (DC.) G. Don, Gen. Hist. 1: 502 (1831). Basionym: *Sida imberbis* DC., Prodr. 1: 469 (1824).—TYPE: "Guadalupa et Sancto Domingo," 1820, *C. G. Bertero s.n.* (HOLOTYPE: G-DC). [= *Herissantia crispa* (L.) Brizicky]

Abutilon impressum Hochst. ex Mattei, Boll. Ort. Bot. Palermo n.s., 1: 95 (1915). —TYPE: ETHIOPIA. auf Berg und Thal, Tigray Region, *W. Schimper 2333* (HOLOTYPE: PAL; ISOTYPE: P). [= *Abutilon figarianum* Webb]

Abutilon inaequale (Link & Otto) K. Schum. in Martius, Fl. Bras. 12(3): 407 (1891). Basionym: *Sida inaequalis* Link & Otto, Icon. Pl. Select. 75. t. 34 (1825).—TYPE: BRAZIL. (LECTOTYPE [here designated]: plate 34, loc. cit.). No specimen was found in herb. Willdenow.

Abutilon inaequilaterum A. St.-Hil., Fl. Bras. Merid. 1: 198. t. 40 (1827).—TYPE: BRAZIL. Serra Negra du cote de l'habitation de S. João, *A. St.-Hilaire 141* (HOLOTYPE: P; ISOTYPES: P-2).

Abutilon incanum (Link) Sweet, Hort. Brit. ed. 1, 53 (1826). Basionym: *Sida incana* Link, Enum. Hort. Berol. Alt. 2: 204 (1822).—TYPE: U.S.A. HAWAII ["in insulis Sandwich"] (specimen unknown); NEOTYPE: U.S.A. HAWAII. ["Ins. Sandwich"]: Woahoo [Oahu], May 1825, *J. Macrae s.n.* (NEOTYPE [here designated]: BM).

Abutilon incanum subsp. *pringlei* (Hochr.) Felger & C. H. Lowe, J. Arizona Acad. Sci. 6: 83 (1970). Basionym: *Abutilon pringlei* Hochr.—TYPE: U.S.A. ARIZONA: Sierra Tucson, 21 Apr 1884, *C. G. Pringle s.n.* (HOLOTYPE: NY; ISOTYPES: K, US). [= *Abutilon incanum* (Link) Sweet]

Abutilon inclusum Urb., Symb. Antill. 5: 416 (1908).—TYPE: HAITI, prope Petite-Coupe, 150 m, *W. Buch 825* (HOLOTYPE: B-extant?; ISOTYPE: GH).

Abutilon indicum (L.) Sweet, Hort. Brit. ed. 1, 1: 54 (1826). Basionym: *Sida indica* L., Cent. Pl. II 26 (1756).—TYPE: Hort. Upsal. (LECTOTYPE [Borssum Waalkes, 1966]: LINN-866.29).

Abutilon indicum subsp. *albescens* (Miq.) Borss. Waalk., Blumea 14: 173. fig. 19c (1966). Basionym: *Abutilon albescens* Miq., Pl. Jungh. 285 (1854).—TYPE: JAVA Palimanan, *F. W. Junghuhn s.n.* (LECTOTYPE [Borssum Waalkes, 1966]: L-908.135–624; ISOTYPE: U).

Abutilon indicum var. *albidum* (Willd.) Baker f., J. Bot. 31: 213 (1893). Basionym: *Sida albida* Willd., Enum. Pl. Hort. Berol. 722 (1809).—TYPE: Hort. Bot. Berolinensis (HOLOTYPE: B-W no. 12701).

Abutilon indicum var. *asiaticum* (L.) Griseb., Fl. Brit. W. I. 78 (1859). Basionym: *Sida asiatica* L., Cent. Pl. II, 26 (1756).—TYPE: specimen unknown.

Abutilon indicum var. *australiense* Hochr. ex Britten,

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Illustr. Bot. Capt. Cook's Voy. 1: 10. pl. 19 (1900); Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 20 (1902);—TYPE: AUSTRALIA ["New Holland"]. Bustard Bay, Bay of Inlets, Endeavor's River, in 1770, *J. Banks and D. Solander s.n.* (ISOTYPE ["probable"]: P). Borssum Waalkes (1966) designation of *H. O. Forbes 3330* from Timor as lectotype (G, BM, GH, K, L) is inoperative, since original material exists [cited by Fosberg, Micronesica 2: 150 (1966)].

Abutilon indicum var. *forrestii* (S. Y. Hu) K. M. Feng, Fl. Yunnanica 2: 206 (1979). Basionym: *Abutilon forrestii* S. Y. Hu.—TYPE: CHINA. YUNNAN: On the Yung-pe mountain (latit. 26°45'N), Sep 1913, *G. Forrest 1135* (K).

Abutilon indicum var. *guineënse* (Schumach.) K. M. Feng, Fl. Yunnanica 4: 28 (1982). Basionym: *Sida guineënsis* Schumach., Kongl. Danske Vidensk. Selsk. Skr. 4: 81 (1829) [≡ *Abutilon guineënse* (Schumach.) Baker f. & Exell].—TYPE: GUINEA [= GHANA], *T. Thonning 38* (C-5, S). See Hepper (1976, p. 69) and the following entry.

Abutilon indicum subsp. *guineënse* (Schumach.) Borss. Waalk., Blumea 14: 175. fig. 19e (1966). Basionym: *Sida guineënsis* Schumach., Kongl. Danske Vidensk. Selsk. Skr. 4: 81 (1829). [≡ *Abutilon guineënse* (Schumach.) Baker f. & Exell].—TYPE: GUINEA [= GHANA], *T. Thonning 38* (C-5, S). See Hepper (1976, p. 69).

Abutilon indicum var. *hirtum* (Lam.) Griseb., Fl. Brit. W. I. 78 (1859). Basionym: *Sida hirta* Lam., Encycl. 1: 7 (1783).—TYPE: INDIA, *P. Sonnerat s.n.* (HOLOTYPE: P-LA). [≡ *Abutilon hirtum* (Lam.) Sweet]

Abutilon indicum var. *major* Blatt. & Hallb., J. Bombay Nat. Hist. Soc. 26: 266 (1918).—TYPE: INDIA. Amarsagar, in ruderalis, Jaisalmer, Nov 1918, *E. Blatter 5644* (HOLOTYPE: BLAT). [≡ *Abutilon bidentatum* var. *major* (Blatt. & Hallb.) Bhandari]

Abutilon indicum var. *microphyllum* Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 20 (1920).—TYPE: JAVA. Tjiringin, *H. Zollinger 1319* (LECTOTYPE [Borssum Waalkes 1966]: G; ISOLECTOTYPES: BM, FI, P). [= *Abutilon indicum* (L.) Sweet]

Abutilon indicum var. *populifolium* (Lam.) Wight & Arn., Prodr. Fl. Ind. Orient. 1: 56 (1834). Basionym: *Sida populifolia* Lam., Encycl. 1: 7 (1783).—TYPE: INDIA. *P. Sonnerat s.n.* (HOLOTYPE: P-LA).

Abutilon indicum var. *welwitschii* Baker f., J. Bot. 31: 213 (1893).—TYPE: ANGOLA. Cavalheiros, *F. M. J. Welwitsch 4944* (HOLOTYPE: BM).

Abutilon inflatum Garcke & K. Schum. in Martius, Fl. Bras. 12(3): 401 (1891).—TYPE: BRAZIL. *F. Sellow 1291* (HOLOTYPE: B as photo F-9273). [= *Abutilon megapotamicum* (Spreng.) A. St.-Hil. & Naud.]

Abutilon insigne Planch. in Van Houtte, Fl. Serres sér. 1, 5: 11. t. 551 (1850–1851).—TYPE: VENEZUELA? (LECTOTYPE [here designated]: plate 551, loc. cit.).

Abutilon integerrimum (Hook. f.) Triana & Planch., Ann Sci. Nat. Bot. sér. 4, 17: 182 (1862), in adnot. Basionym: *Sida integerrima* Hook. f., Bot. Mag. ser. 3, 74(4): t. 4360 (1848).—TYPE: (LECTOTYPE: [Bates, 1973]: loc. cit., plate 4360). [≡ *Bakeridesia integerrima* (Hook. f.) D. M. Bates]

Abutilon intermedium Hochst. ex Garcke in Schweinf., Beitr. Fl. Aethiop. 49 (1867).—TYPE: ABYSSINIA [= ETHIOPIA]. prope Gurrsarfa, *W. Schimper 208* (ISOTYPES: CTES, K, P-2). [= *Abutilon angulatum* (Guillem. & Perr.) Mast.]

Abutilon intermedium var. *figarianum* Webb ex Baker f., J. Bot. 31: 72 (1893).—TYPE: NE AFRICA. near Matamma, *G. A. Schweinfurth 1418* (BM).

Abutilon intermedium var. *greveanum* (Baill.) Baker f., J. Bot. 31: 72 (1893). Basionym: *Sida greveana* Baill., Bull. Soc. Linn. Paris 1: 504 (1885).—TYPE: MADAGASCAR. Mouroundava, *Grève 22* (BM). [≡ *Abutilon greveanum* (Baill.) Hochr.]

Abutilon intermedium var. *macrophyllum* (Baill.) Baker f., J. Bot. 31: 72 (1893). Basionym: *Sida macrophylla* Hilsenb. & Bojer ex Baill., Bull. Mens. Soc. Linn. Paris 1: 504 (1885).—TYPE: MADAGASCAR. Morondavam *Grève 74* (specimen not located). [= *Abutilon angulatum* var. *macrophyllum* (Hilsenb. & Bojer ex Baill.) Hochr.]

Abutilon itatiaiae R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. 42(12): 29. t. 3. f. 10 (1908).—TYPE: BRAZIL. Serra do Itatiaia, prope Maciera, *P. K. H. Dusén 241* (LECTOTYPE [here designated]: S; ISOTYPES: GH, US).

Abutilon itatiaiae var. *hirsuta* R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. 42(12): 30 (1908).—TYPE: BRAZIL. Serra do Itatiaia, prope Maciera, *C. Moreira s.n.* (HOLOTYPE: S).

Abutilon itatiaiae var. *tomentella* R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. 42(12): 30 (1908).—TYPE: BRAZIL. Serra do Itatiaia prope Maciera, *P. K. H. Dusén 241* (HOLOTYPE: S; ISOTYPES: GH, US). Note: Since var. *tomentella* is based on the same type as the species, it is correctly named *Abutilon itatiaiae* R. E. Fr. var. *itatiaiae.*

Abutilon jacquinii G. Don, Gen. Hist. 1: 503 (1831), nom. illegit. (Art. 52.1). Basionym: *Sida abutiloides* Jacq., Obs. 1: 17. t.7 (1764).—TYPE: in cultivation from Jamaican seeds (BM). [≡ *Abutilon abutiloides* (Jacq.) Garcke]

Abutilon jaliscanum Standl., Publ. Field Mus. Nat. Hist., Bot. Ser. 4: 229 (1929).—TYPE: MEXICO. JALISCO: Hacienda de Ototal, Arroyo de los Palos Blancos, W of San Sebastián, *Y. E. Mexia 1842a*

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(HOLOTYPE: F as photo F-45085; ISOTYPES: BM, CAS, DS, GH-2, MICH, NY, US).

Abutilon johnsonii Ekman, Ark. Bot. Stockh. 9(4): 22 (1909).—TYPE: ARGENTINA. MISIONES: Posadas in novalis prope praedium "Las Granja," *E. L. Ekman 157* (HOLOTYPE: S?; ISOTYPE: G as photo F-23768). [= *Hochreutinera hasslerana* (DC.) Krapov.]

Abutilon jujuiense Hassl., Repert. Nov. Spec. Regni Veg. 12: 499 (1913).—TYPE: ARGENTINA. JUJUY: in silvis pr. Calilegua, 800 m, *M. Lillo 10800* (LECTOTYPE [here designated]: LIL; ISOTYPE: G).

Abutilon julianae Endl., Prodr. Fl. Norfolk. 75 (1833).—TYPE: Ins. NORFOLK, *Bauer s.n.* (K).

Abutilon karachianum S. A. Husain & Baquar, Phyton 15(3/4): 226 (1974).—TYPE: PAKISTAN. Karachi, University Campus, 17 Oct 1970, *S. A. Husain s.n.* (HOLOTYPE: KUH).

Abutilon kauaiense Hochr., Annuaire Conserv. Jard. Bot. Genève 15/16: 238 (1912).—TYPE: U.S.A. HAWAII: Kauai: dans les haies près du Nawiliwili, 30 m, *B. P. G. Hochreutiner 3469* (HOLOTYPE: G). [= *Abutilon grandifolium* (Willd.) Sweet]

Abutilon kotschyi Hochst. in Webb, Fragm. Fl. Aethiop.-Aegypt. 52 (1851).—TYPE: ETHIOPIA. Ad radices montis Cordofani Arasch-Cool, Sept 1839, *K. G. T. Kotschy 380* (LECTOTYPE [here designated]: P-herb. Steudel; ISOLECTOTYPE: MO). [= *Abutilon hirtum* (Lam.) Sweet, fide Ulbrich 1913]

Abutilon lanatum Miq., Linnaea 22: 553 (1849).—TYPE: BRAZIL. MINAS GERAES: Caldas, *A. F. Regnell I-13* (HOLOTYPE: S; ISOTYPES: C-2, F, K, U, US). [≡ *Bakeridesia lanata* (Miq.) Leite & Monteiro]

Abutilon lanatum Husain & Baquar, Phyton 15: 223 (1974), nom. illegit. (Art. 53.1).—TYPE: PAKISTAN. Karachi, University Campus, 5 Nov 1970, *S. A. Husain s.n.* (HOLOTYPE: CLH).

Abutilon lateritium Ulbr., Bot. Jahrb. Syst. 54: (Beibl. 117): 56 (1916).—TYPE: PERU. mountains near Chosica, Lima-Oroya railroad, *A. Weberbauer 5349* (LECTOTYPE [Burandt and Fryxell, 1990]: F; ISOLECTOTYPES: GH, US). [= *Abutilon reflexum* (Lam.) Sweet]

Abutilon lauraster Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 24 (1902).—TYPE: MADAGASCAR. Baie de Lingvatt, *J. Goudot s.n.* (HOLOTYPE: G-DEL; ISOTYPE: CTES?).

Abutilon laxiflorum Guillem. & Perr., Fl. Seneg. Tent. 1: 66 (1831).—TYPE: SENEGAL. "in regno Walo," *G. S. Perrottet s.n.*? (HOLOTYPE: P). [= *Wissadula hernandioides* (L'Hér.) Garcke]. *Abutilon laxiflorum* was said by Guillemin & Perrottet to be similar to *Sida rostrata* Thonning & Schumach.

Abutilon laxiflorum var. *paritioides* Guillem. & Perr., Fl. Seneg. Tent. 1: 66 (1831).—TYPE: not stated. [= *Wissadula hernandioides* (L'Hér.) Garcke]

Abutilon laxum Rusby, Mem. New York Bot. Gard. 7: 296 (1927).—TYPE: BOLIVIA. Río Bopi Valley, *H. H. Rusby 658* (HOLOTYPE: NY; ISOTYPE: K). [= *Abutilon dianthum* C. Presl]

Abutilon leiospermum Griseb., Fl. Brit. W. I. 79 (1859).—TYPE: JAMAICA, *March 129* (HOLOTYPE: GOET; ISOTYPES: GH, K). [= *Abutilon indicum* (L.) Sweet]

Abutilon lemmonii S. Watson, Proc. Amer. Acad. Arts 20: 357 (1885).—TYPE: MEXICO. BAJA CALIFORNIA: "Tia Juana," *C. Orcutt 676* (LECTOTYPE [Fryxell, 1988]: GH). [= *Abutilon californicum* Benth.]

Abutilon leonardii Urb., Repert. Nov. Spec. Regni Veg. 18: 190 (1922).—TYPE: HAITI. vicinity of St. Marc, near sea level, *E. C. Leonard 2994* (ISOTYPES: NY, US-2).

Abutilon lepidum (F. Muell.) A. S. Mitch., J. Adelaide Bot. Gard. 2: 358 (1980). Basionym: *Sida lepida* F. Muell., Fragm. 6: 168 (1868).—TYPE: W. AUSTRALIA. vic. Port Walcott, *Harper s.n.* (SYNTYPE: MEL?); Camden Harbor, *Martin s.n.* (SYNTYPE: MEL?).

Abutilon leschenaultianum (DC.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida leschenaultiana* DC., Prodr. 1: 468 (1824).—TYPE: INDIA. Calcutta Botanic Garden, *J. B. L. T. Leschenault s.n.* (HOLOTYPE: G-DC; ISOTYPE: P?). [= *Wissadula contracta* (Link) R. E. Fr.]

Abutilon leucanthemum A. St.-Hil., Fl. Bras. Merid. 1: 200 (1827).—TYPE: BRAZIL. RIO DE JANEIRO: prope vicum dicte S. Gonzalo, *A. St.-Hilaire s.n.* (HOLOTYPE: P; ISOTYPE: P). [= *Wissadula contracta* (Link) R. E. Fr.]

Abutilon leucopetalum (F. Muell.) F. Muell. ex Benth., Fl. Austral. 1: 200. 1863. Basionym: *Sida leucopetala* F. Muell., Fragm. 2: 12. (1860/61).—TYPE: AUSTRALIA. Hookers Creek, *F. Mueller s.n.* (ISOTYPE: K).

Abutilon leucophaeum Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 15 (1902), nom. illegit. (Art. 52.1).—TYPE: PUERTO RICO. GUÁNICA: inter Montalba et Salinas, 7 Feb 1886, *Sintenis 3738* (HOLOTYPE: G?; ISOTYPES: NY, P, TEX, US). [≡ *Abutilon commutatum* K. Schum., q.v.]

Abutilon lignosum (Cav.) G. Don, Gen. Hist. 1: 501 (1831). Basionym: *Sida lignosa* Cav., Diss. 1: 28. t. 6. f. 2 (1785).—TYPE: [HISPANIOLA] SANTO DOMINGO. *J. Jussieu s.n.* (HOLOTYPE:P-JU, no. 12312; ISOTYPE: MA-29783 as photo F-29783). Cf. Garilleti (1993, p. 129). [= *Abutilon abutiloides* (Jacq.) Garcke ex Hochr.]

Abutilon lilloi Hassl., Repert. Nov. Spec. Regni Veg. 12: 497 (1913).—TYPE: ARGENTINA. SALTA: Oran, in silvis Río de las Piedras, 400 m, *M. Lillo 10910* (LECTOTYPE [here designated]: LIL; ISOTYPE: G). [= *Abutilon thyrsodendron* Griseb.]

Abutilon lineatum (Vell.) K. Schum. in Martius, Fl.

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Bras. 12(3): 437 (1891). Basionym: *Sida lineata* Vell., Fl. Flum. 280 (1825) [1829]; t. 25 (1827) [1831].—TYPE: (LECTOTYPE [here designated]: plate 25, loc. cit.).

Abutilon listeri Baker f., J. Bot. 31: 269 (1893).—TYPE: CHRISTMAS ISLAND, south of Java, 1 Oct 1887, *Lister s.n.* (ISOTYPE: K).

Abutilon lobulatum Domin, Biblioth. Bot. 22 (89[5]): 950 (1928).—TYPE: NW. AUSTRALIA, between Ashburton River and De Gray River, *E. Clement s.n.* (K).

Abutilon longicuspe Hochst. ex A. Rich., Tent. Fl. Abyss. 1: 69 (1847).—TYPE: ABYSSINIA [= ETHIOPIA]. Montium editiorum prope Genniam regionis Memsach, *W. Schimper 258* (LECTOTYPE [here designated]: K; ISOLECTOTYPES: CTES, FI, MO, P).

Abutilon longicuspe var. *epilosum* Exell, J. Bot. Suppl. Polypet. 33 (1927).—TYPE: specimen unknown. [= *Abutilon longicuspe* Hochst. ex A. Rich.]

Abutilon longicuspe var. *hildebrandtii* Baker f., J. Bot. 31: 75 (1893).—TYPE: E. AFRICA. N'di (Taita), *Hildebrandt 2633* (HOLOTYPE: BM; ISOTYPE: P).

Abutilon longifolium K. Schum. in Martius, Fl. Bras. 12(3): 402 (1891). *Weldena longifolia* Pohl ex K. Schum., in Martius Fl. Bras. 12(3): 402 (1891), pro syn.—TYPE: BRAZIL. MINAS GERAIS: inter Quilombo et Bom Fin, *Pohl 3001* (LECTOTYPE [here designated]: W).

Abutilon longilobum F. Muell., Fragm. 9: 130 (1875).—TYPE: AUSTRALIA. Pierre's Springs, *J. Forrest s.n.* (HOLOTYPE: MEL?).

Abutilon longipes Mattei, Boll. Reale Ort. Bot. Palermo 8: 85 (1909). —TYPE: ERITREA. Hamasen: Filfil, *Senni 67* (PAL). [= *Abutilon mauritianum* (Jacq.) Medik.]

Abutilon longipes Ulbr., Bot. Jahrb. Syst. 54 (Beibl. 117): 52 (1916), nom. illegit. (Art. 53.1), non *Abutilon longipes* Mattei (1909).—TYPE: PERU. *A. Weberbauer 5599* (ISOTYPE: US).

Abutilon lucianum (DC.) Sweet, Hort. Brit. ed. 1, 53 (1826). Basionym: *Sida luciana* DC., Prodr. 1: 468 (1824).—TYPE: [Lesser Antilles.] SAINT LUCIA, *A. Anderson s.n.* (HOLOTYPE: G-DC). [= *Wissadula contracta* (Link) R. E. Fr.]

Abutilon lugardii Hochr. & Schinz, Bull. Herb. Boissier sér. 2, 3: 825 (1903).—TYPE: BECHUANALAND. Kwebe Hills, *Lugard 171* (HOLOTYPE: Z; ISOTYPES: GRA, K). [= *Abutilon hirtum* (Lam.) Sweet]

Abutilon macdougalii Rose & Standl., Contr. U.S. Natl. Herb. 16: 13. t. 4 (1912).—TYPE: MEXICO. SONORA: Pinacate Mtn, *D. T. MacDougal 47* (HOLOTYPE: US). [= *Abutilon palmeri* A. Gray]

Abutilon macranthum A. St.-Hil., Fl. Bras. Merid. 1: 208 (1827).—TYPE: BRAZIL. MINAS GERAIS: prope Onça, *A. St.-Hilaire B1700* (HOLOTYPE: P; ISOTYPES: B as photo F-9276, P-2, US). [≡ *Bakeridesia macrantha* (A. St.-Hil.) Leite & Monteiro]

Abutilon macranthum Peyr., Linnaea 30: 59. (1859), nom. illegit. (Art. 53.1), non *Abutilon macranthum* A. St.-Hil. (1827).—TYPE: MEXICO. VERACRUZ: Zacuapán, *C. Heller 46* (HOLOTYPE: W). [= *Bakeridesia ferruginea* (Martyn in Mill.) Krapov.] See *Abutilon peyritschii* Standl.

Abutilon macrocarpum Guillem. & Perr., Fl. Seneg. Tent. 1: 69 (1831).—TYPE: "in argillosis humidis regno Walo prope la Sénégalaise, Richard-Tol, etc." (specimen unknown).

Abutilon macrocarpum A. St.-Hil. & Naud., Ann. Sci. Nat. Bot. sér 2, 18: 47 (1842), nom. illegit. (Art. 53.1), non *Abutilon macrocarpum* Guillem. & Perr. (1831).—TYPE: BRAZIL. in montibus prope Rio de Janeiro, *Gomes s.n.* (HOLOTYPE: P; ISOTYPE: P). Note: Both the holotype and the isotype are included in photo F-35453).

Abutilon macrophyllum A. St.-Hil. & Naud., Ann. Sci. Nat. Bot. sér. 2, 18: 47 (1842).—TYPE: BRAZIL. in monte Corcovado, prope Rio de Janeiro, *J. B. A. Guillemin 833* (HOLOTYPE: P; ISOTYPE: G as photo F-23770).

Abutilon macropodum Guillem. & Perr., Fl. Seneg. Tent. 1: 69. t. 14 (1831).—TYPE: AFRICA. SENEGAMBIA, "in argillosis humidis regni Walo prope la Senégalaise, Richard-Tol, etc.," *G. S. Perrottet 79* (LECTOTYPE [here designated]: P; ISOTYPE: P).

Abutilon macrum F. Muell., Fragm. 9: 59 (1875).—TYPE: AUSTRALIA. in eremis interioribus sinum Fowleri versus, *W. E. P. Giles s.n.* (HOLOTYPE: MEL).

Abutilon macvaughii Fryxell, Madroño 23: 332 (1976).—TYPE: MEXICO. JALISCO: 8 km E of Chamela, *R. McVaugh 25118* (HOLOTYPE: MICH; ISOTYPES: ENCB, NY).

Abutilon malachroides A. St.-Hil. & Naud., Ann. Sci. Nat. Bot. sér. 2, 18: 49 (1842).—TYPE: BRAZIL. RIO GRANDE DO SUL: *C. Gaudichaud s.n.* (HOLOTYPE: P as photo F-35454).

Abutilon malacobatos Webb ex Mattei, Boll. Reale Ort. Bot. Palermo n.s., 1: 88 (1915), in syn., thus not validly published (Art. 34.1) [= *Abutilon erythraeum* Mattei]

Abutilon malacum S. Watson, Proc. Amer. Acad. Arts 21: 446 (1886).—TYPE: U.S.A. TEXAS: El Paso, *M. E. Jones 4193* (LECTOTYPE [J. Fryxell, 1983]: POM-84966; ISOLECTOTYPES: BM, BR, F, MU, NY, PH, POM-84969).

Abutilon malirianum S. A. Husain & Baquar, Phyton 15(3/4): 222 (1974).—TYPE: PAKISTAN. Malir, Karachi, 30 Sep 1969, *S. A. Husain s.n.* (CLH, KUH).

Abutilon malmeanum R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. 42(12): 31 (1908).—TYPE: BRAZIL. MATTO GROSSO: Santa Anna da Cha-

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pada, *G. O. Malme II-1989* (LECTOTYPE [here designated]: S).

Abutilon malviflorum Lem. ex Lesc., Horticulteur Franç. 1867: 147 (1867).—TYPE: MEXICO (specimen unknown).

Abutilon malvifolium (Benth.) J. M. Black, Trans. Proc. Roy. Soc. S. Austral. 49: 274 (1925). Basionym: *Abutilon oxycarpum* var. *malvifolium* Benth., Fl. Austral. 1: 204 (1863), as "malvaefolium".—TYPE: AUSTRALIA. NEW SOUTH WALES: Mount Murchison, *J. Dallachy s.n.* (MEL?).

Abutilon malvifolium (Benth.) Domin, Biblioth. Bot. 22 (89[5]): 398 (1928), isonym without status (Art. 6.3). Based on: *Abutilon oxycarpum* var. *malvifolium* Benth. See preceding entry.

Abutilon mangarevicum Fosberg, Smithsonian Contr. Bot. 47: 9 (1981).—TYPE: GAMBIER ISLANDS. Mangareva, *F. R. Fosberg 11092* (HOLOTYPE: BISH).

Abutilon marlothii Ulbr., Bot. Jahrb. Syst. 51: 22 (1913).—TYPE: HEREROLAND. Otjibingue, am Ufer des Swachaub, 900 m, *R. Marloth 1899* (HOLOTYPE: B-extant?).

Abutilon marmoratum Hort. ex Lem., Ill. Hort. 3: t. 82 (1856) pro syn., therefore not validly published (Art. 34.1). [≡ *Hibiscus marmoratus* Lem. = *Hibiscus lavaterioides* Moric.]

Abutilon marshii Standl., Amer. Midl. Naturalist 18: 683 (1937).—TYPE: U.S.A. TEXAS: Chisos Mtns., *E. G. Marsh 172* (HOLOTYPE: F as photo F-45084). [= *Allowissadula holosericea* (Scheele) D. M. Bates]

Abutilon matopense Gibbs, J. Linn. Soc., Bot. 37: 431 (1906).—TYPE: SOUTHERN RHODESIA. Matopos, *L. S. Gibbs 98* (HOLOTYPE: BM; ISOTYPE BOL).

Abutilon mauritianum (Jacq.) Medik., Malvenfam. 28 (1787). Basionym: *Sida mauritiana* Jacq., Misc. Austriac. 2: 352 (1781–1782); Icon. Pl. Rar. t. 137 (1783).—TYPE: LECTOTYPE [here designated]: plate 137, loc. cit.

Abutilon mauritianum (Jacq.) Sweet, Hort. Brit. ed. 1, 53 (1826), isonym without status (Art. 6.3). Based indirectly on: *Sida mauritiana* Jacq. See preceding entry.

Abutilon megapotamicum (Spreng.) A. St.-Hil. & Naud., Ann Sci. Nat. Bot. sér. 2, 18: 49 (1842). Basionym: *Sida megapotamica* Spreng., Fl. Hal. Tent. 19 (1806).—TYPE: Tropical America (specimen unknown).

Abutilon melanocarpum A. St.-Hil. & Naud., Ann. Sci. Nat. Bot. sér. 2, 18: 48 (1842).—TYPE: BRAZIL. RIO GRANDE DO SUL: *A. Isabelle s.n.* (LECTOTYPE [here designated]: P as photo F-35455; ISOTYPE: G-DEL). [= *Abutilon pauciflorum* A. St.-Hil.?]

Abutilon melanocarpum var. *parvifolium* A. St.-Hil. & Naud., Ann. Sci. Nat. Bot. sér. 2, 18: 48 (1842).—TYPE: none cited, but cf.: BRAZIL. RIO GRANDE DO SUL: 1835, *A. Isabelle s.n.* (G as photo F-23722).

Abutilon membranaceum Baker f. in Rose, Contr. U.S. Natl. Herb. 3: 312 (1895).—TYPE: MEXICO. NAYARIT: Tepic, 1892, *E. Palmer 1959* (HOLOTYPE: BM; ISOTYPES: F, GH, NY, US-fragment). [= *Pseudabutilon ellipticum* (Schltdl.) Fryxell]

Abutilon membranifolium Baker f., J. Bot. 77: 17 (1939).—TYPE: ANGOLA. HUILA: Ungueria, *A. W. Exell and F. A. Mendonça 2483* (HOLOTYPE: BM; ISOTYPE: COI). [= *Abutilon englerianum* Ulbr.]

Abutilon mendocinum Phil., Anales Univ. Chile 36: 164 (1870).—TYPE: ARGENTINA. MENDOZA: *R. A. Philippi 1874* (ISOTYPES: GOET, W as photo F- 32633). [= *Pseudabutilon virgatum* (Cav.) Fryxell]

Abutilon mendoncae Baker f., J. Bot. 77: 18 (1939).—TYPE: ANGOLA. MOSSAMEDES: km 70 on the railway, *A. W. Exell and F. A. Mendonça 2179* (HOLOTYPE: BM; ISOTYPE: COI).

Abutilon menziesii Seem., Fl. Vit. 15 (1865).—TYPE: U.S.A. HAWAII: *A. Menzies s.n.* (HOLOTYPE: BM).

Abutilon messinicum Burtt Davy, Man. Fl. Pl. and Ferns 1: 36 (1926).—TYPE: TRANSVAAL. ZOUTPANSBERG: prope Messina, *C. E. Moss and F. A. Rogers 35* (HOLOTYPE: K). [= *Abutilon matopense* Gibbs]

Abutilon mexiae R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. ser. 3, 24(2): 7 (1947).—TYPE: BRAZIL. MINAS GERAES: Viçosa, abandoned road up Chacha valley, *Y. E. Mexia 4838* (HOLOTYPE: S; ISOTYPES: CAS, UC, US, WIS).

Abutilon mexicanum C. Presl, Reliq. Haenk. 2: 115 (1835).—TYPE: MEXICO. "in terris occidentalibus Mexicanis," *T. Haenke s.n.* (HOLOTYPE: PR; ISOTYPE: PR). [= *Abutilon giganteum* (Jacq.) Sweet] The locality is in error; the species is not known to occur in Mexico.

Abutilon "micranthum" G. Don, Gen. Hist. 1: 502 (1831). [sphalm. = macranthum, q.v.]

Abutilon microcarpum Mattei, Boll. Ort. Bot. Palermo n.s., 1: 90 (1915). —TYPE: ERITREA. Adi Ugri nel Serae, *L. Cufino 11* (HOLOTYPE: PAL). [= *Abutilon bidentatum* (Hochst.) A. Rich.]

Abutilon micropetalum R. Br. ex Benth., Fl. Austral. 1: 201 (1863).—TYPE: AUSTRALIA. QUEENSLAND: hills about Shoalwater Bay, *R. Brown s.n.* (LECTOTYPE [here designated]: K).

Abutilon microphyllum A. Rich., Tent. Fl. Abyss. 1: 70 (1847). —TYPE: ABYSSINIA [= ETHIOPIA]. Choho, *R. Quartin-Dillon and A. Petit s.n.* (HOLOTYPE: P-herb. Richard). [= *Abutilon fruticosum* Guillem. & Perr.]

Abutilon microspermum (Cav.) G. Don, Gen. Hist. 1:

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501 (1831). Basionym: *Sida microsperma* Cav., Diss. 1: 29. t. 13. f. 4 (1785).—TYPE: s. loc., *J. Jussieu s.n.* (HOLOTYPE [Garilletti, 1993, p. 131]: MA-476326); ISOTYPE: P-JU no. 12314).

Abutilon milleri Anonymous (as "Hort."), Wien Ill. Gart. Zeit. 1879: 305 (1879), hybr.—TYPE: unknown.

Abutilon minarum K. Schum. in Martius, Fl. Bras. 12(3): 389 (1891).—TYPE: BRAZIL. MINAS GERAES: ad Abertão prope Caldas, *A. F. Regnell III-169* (ISOTYPE: US).

Abutilon mitchellii Benth., Fl. Austral. 1: 201 (1863).—TYPE: AUSTRALIA. QUEENSLAND: Gullies in the SW ranges, 3 Sep 1846, *T. L. Mitchell 583* (K).

Abutilon mitchellii var. *mollissimum* Benth., Fl. Austral. 1: 201 (1863).—TYPE: AUSTRALIA. QUEENSLAND: stony ridge, *T. L. Mitchell s.n.* (BM?, K?).

Abutilon mochisense Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 447 (1920).—TYPE: MEXICO. SINALOA: near Los Mochis, *J. N. Rose 13329* (HOLOTYPE: NY; ISOTYPE: US). [= *Abutilon incanum* (Link) Sweet]

Abutilon molle (Ortega) Sweet, Hort. Brit. ed. 2, 65 (1830). Basionym: *Sida mollis* Ortega, Nov. Rar. Pl. Descr. 65 (1798).—TYPE: holotype missing at MA (fide Fuertes and Fryxell, 1993a). [= *Abutilon grandifolium* (Willd.) Sweet]

Abutilon molle Baker f., Bull. Misc. Inform. Kew 1895: 212 (1895), nom. illegit. (Art. 53.1), non *Abutilon molle* (Ortega) Sweet (1830).—TYPE: SOMALILAND. plains below the Golis Range, *E. Cole and E. L. Phillips s.n.* (HOLOTYPE: K). [see: *Abutilon anglosomaliae* Cufod.]

Abutilon mollicomum (Willd.) Sweet, Hort. Brit. ed. 1, 1: 54 (1826). Basionym: *Sida mollicoma* Willd., Enum. Pl. Hort. Berol.725 (1809).—TYPE: ex caldarii, *C. L. Willdenow s.n.* (HOLOTYPE: B-W no. 12718).

Abutilon mollissimum (Cav.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida mollissima* Cav., Diss. 2: 49. t. 14. f. 1 (1786).—TYPE: PERU. "juxta fluvium Maragnon," *J. Dombey s.n.* (possible TYPE [see Garilleti 1993]: MA as photo F-29784; fragment: F).

Abutilon mollissimum Raf., New Fl. Bot. N. Amer. 1: 39 (1836), nom. illegit. (Art. 53.1), non *Abutilon mollissimum* (Cav.) Sweet (1826).—TYPE: unknown.

Abutilon mollissimum var. *sandwicense* Hochr., Annuaire Conserv. Jard. Bot. Genève 15/16: 239 (1912).—TYPE: U.S.A. HAWAII: Kauai: Weimea, dans les haies de la ville, ca. 20 m, *B. P. G. Hochreutiner 3594* (HOLOTYPE: G?).

Abutilon monospermum K. Schum. in Martius, Fl. Bras. 12(3): 396 (1891).—TYPE: BRAZIL. BAHIA: ad fluvium São Francisco prope Joazeiro, *C. F. P. von Martius 2389* (HOLOTYPE: M as photo F-19681). [≡ *Gaya monosperma* (K. Schum.) Krapov.]

Abutilon montanum A. St.-Hil., Fl. Bras. Merid. 1: 207 (1827).—TYPE: BRAZIL. MINAS GERAIS: Serra Negra, *A. St.-Hilaire s.n.* (LECTOTYPE [here designated]: P as photo F-35456; ISOTYPES: P-2).

Abutilon monteiroi Krapov., Hickenia 1(51): 273. fig. 1F-H (1982).—TYPE: BRAZIL. MINAS GERAIS: Serra do Espinhaço, *W. R. Anderson et al. 35793* (HOLOTYPE: UB; ISOTYPES: NY, TEX). A photograph of the TEX isotype is reproduced by Krapovickas, loc. cit. fig. 3.

Abutilon mouraei K. Schum. in Martius, Fl. Bras. 12(3): 410 (1891).—TYPE: BRAZIL. near Rio de Janeiro, Serra de Mantiqueira, *A. F. M. Glaziou 13542* (LECTOTYPE [here designated]: P; ISOLECTOTYPES: C-4, K, P); Minas Gerais: silvis in Serra Caparão, *Moura 672* (SYNTYPE: B as photo F-9278).

Abutilon mucronatum J. E. Fryxell, Madroño 30: 89 (1983).—TYPE: MEXICO. SONORA: on the road from Navajoa to Alamos, ca. 15 km E of Hwy. 15, *J. E. Fryxell and D. Whitacre 128* (HOLOTYPE: TEX; ISOTYPES: ARIZ, CHAPA, ENCB, F, GH, MEXU, MO, NY, TEX, US).

Abutilon mucronulatum (Torr.) A. Gray, Proc. Amer. Acad. Arts 5: 175 (1862). Basionym: *Wissadula mucronulata* A. Gray ex Torr., Rep. U.S. Mex. Bound. 39 (1859).—TYPE: MEXICO. TAMAULIPAS: on the Rio Grande below Reynosa, *A. C. V. Schott 108a* (HOLOTYPE: NY). [= *Wissadula hernandioides* (L'Hér.) Garcke]

Abutilon muelleri-friderici Gürke & K. Schum. in Martius, Fl. Bras. 12(3): 423 (1891).—TYPE: BRAZIL. SANTA CATARINA: prope Blumenau, *J. H. R. Schenck 497* (HOLOTYPE: B as photo F-9279).

Abutilon "mulleri var. friderici" [from IPNI, in error for the preceding name]

Abutilon multiflorum R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. ser. 3, 24(2): 5 (1947).—TYPE: ECUADOR. GUAYAS: Guayaquil, roadside in mangrove, *E. Asplund 7687* (HOLOTYPE: S; ISOTYPES: S, US).

Abutilon muticum (DC.) Sweet, Hort. Brit. ed. 2, 65 (1830). Basionym: *Sida mutica* Delile, Illustr. Fl. Egypt. 60, no. 633 (1813); ex DC. Prodr. 1: 470. 1824.—TYPE: EGYPT. *A. F. E. Coquebert s.n.* (HOLOTYPE: G-DC; ISOTYPE: FI). [= *Abutilon pannosum* (Forster fil.) Schltdl.]

Abutilon muticum (DC.) Webb, Fragm. Fl. Aethiop.-Aegypt. 51 (1854), isonym without status (Art. 6.3).—TYPE: as in preceding.

Abutilon muticum var. *parvifolium* Baker f., J. Bot. 31: 214 (1893).—TYPE: AUSTRALIA. QUEENSLAND: Keppel Bay, "Sida rugosa," *R. Brown 5117* (HOLOTYPE: BM).

Abutilon muticum var. *villosum* Webb, Fragm. Fl. Ae-

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thiop.-Aegypt. 51 (1854).—TYPE: ARABIA. "in regionis arabicae Thebaidis inferioris secus mare Rubrum," *s. coll. s.n.* (FI?).

Abutilon myrianthum (Planch. & Linden) Krapov., Bonplandia 3: 40 (1969). Basionym: *Sida myriantha* Planch. & Linden in Triana & Planch., Ann. Sci. Nat. Bot. ser. 4, 17: 179 (1862).—TYPE: COLOMBIA. Quebrada de los Corrales, *J. Goudot s.n.* (LECTOTYPE [Krapovickas, 1969]: P). [≡ *Bastardiopsis myriantha* (Planch. & Linden) Fuertes & Fryxell]

Abutilon nealleyi J. M. Coult., Contr. U.S. Natl. Herb. 1: 32 (1890).—TYPE: U.S.A. TEXAS: Hidalgo County, near Hidalgo, *G. C. Nealley 50* (HOLOTYPE: US). [= *Abutilon trisulcatum* (Jacq.) Urb.]

Abutilon neelgerrense Munro in Wight, Ill. 1: t. 66 (1840).—TYPE: INDIA. Neelgheris, *A. V. Munro s.n.* (K).

Abutilon neelgerrense var. *fischeri* T. K. Paul & M. P. Nayar, Bull. Bot. Surv. India 25: 183 (1983)[1985].—TYPE: INDIA. COIMBATORE: Tamil Nadu, Coonoor River beach, *C. E. C. Fischer 1581* (HOLOTYPE: CAL).

Abutilon nelsonii Rose, Contr. U.S. Natl. Herb. 5: 134. t. 12 (1897).—TYPE: GUATEMALA. HUEHUETENANGO: near Jacaltenango, *E. W. Nelson 3562* (HOLOTYPE: US; ISOTYPES: BM, GH). [≡ *Bakeridesia nelsonii* (Rose) D. M. Bates]

Abutilon neovidense K. Schum. in Martius, Fl. Bras. 12(3): 386 (1891).—TYPE: BRAZIL. RIO DE JANEIRO: *A. F. M. Glaziou 1313* (LECTOTYPE [here designated]: P; ISOLECTOTYPES: C-2, P). [= *Abutilon anodoides* A. St.-Hil. & Naud.]

Abutilon neurocarpum Miq., Pl. Jungh. 285 (1854).—TYPE: JAVA. Mt. Gamping, *F. W. Junghuhn s.n.* (LECTOTYPE [here designated]: L; ISOTYPE: U). [= *Herissantia crispa* (L.) Brizicky]

Abutilon newberryi S. Watson, Proc. Amer. Acad. Arts 11: 125 (1876).—TYPE: at the Canebreak Cañon on the Lower Colorado [River], 15 Jan 1858, *J. S. Newberry s.n.* (LECTOTYPE [Standley, 1923]: GH; ISOLECTOTYPE: US). [≡ *Horsfordia newberryi* (S. Watson) A. Gray]

Abutilon nigripunctulatum Ulbr., Bot. Jahrb. Syst. 54. (Beibl. 117): 57 (1916).—TYPE: PERU. Ad viam ferream a Lima, prope San Bartolomé, *A. Weberbauer 5301* (HOLOTYPE: B as photo F-9281; ISOTYPES: F, GH, US). [≡ *Pseudabutilon nigripunctulatum* (Ulbr.) R. E. Fr.]

Abutilon niveum Griseb., Abh. Königl. Ges. Wiss. Göttingen (Symbol. Fl. Argent.)19: 92 (1874).—TYPE: ARGENTINA. TUCUMÁN, prope San Javier, *P. G. Lorentz 175* (HOLOTYPE: GOET-1418014; ISOTYPE: GOET-1418015).

Abutilon nobile Domin, Biblioth. Bot. 22 (89[5]): 948 (1928).—TYPE: AUSTRALIA. QUEENSLAND: between Hughenden and Mt. Walker, 1910, *K. Domin s.n.* (HOLOTYPE: PR).

Abutilon notolophium A. Gray, Proc. Amer. Acad. Arts 5: 175 (1862).—TYPE: MEXICO. VERACRUZ: near Tantoyuca, *J. L. Berlandier 2163* (LECTOTYPE [Bates 1973]: GH; ISOLECTOTYPES: BM, F as photo F-56133, GH, NY, P, US). [≡ *Bakeridesia notolophium* (A. Gray) Hochr.] See: *Abutilon discolor* Baker f.

Abutilon nudiflorum (L'Hér.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida nudiflora* L'Hér., Stirp. Nov. 123. t. 59 (1789).—TYPE: Hort. Paris ex Huánuco, Peru, *J. Dombey s.n.* (HOLOTYPE: B-destroyed; ISOTYPES: G?, P-JU no. 12309). [≡ *Wissadula nudiflora* (L'Hér.) Benth. = *Wissadula stellata* (Cav.) K. Schum., based on: *Sida stellata* Cav.]

Abutilon nuttallii Torr. & A. Gray, Fl. N. Amer. 1: 231 (1838).—TYPE: U.S.A. TEXAS: on the Red River, *T. Nuttall s.n.* (LECTOTYPE [J. Fryxell, 1983]: NY; ISOLECTOTYPES: BM, GH, PH). [= *Abutilon fruticosum* Guillem. & Perr.]

Abutilon obtusum (Cav.) G. Don, Gen Hist. 1: 501 (1831). Basionym: *Sida obtusa* Cav., Diss. 1: 34. t. 9, f. 2 (1785).—TYPE: (HOLOTYPE: Trew, Pl. Select. 9: plate 89, 1772). See also *Abutilon ramosum.*

Abutilon occidentale (L.) Medik., Malvenfam. 29 (1787). Basionym: *Sida occidentalis* L., Cent. Pl. II 26 (1756).—TYPE: HOLOTYPE: Dillenius, Hort. Eltham. t. 6. (1732). [≡ *Gaya occidentalis* (L.) Sweet]

Abutilon ochsenii (Phil.) Phil., Cat. Pl. Vasc. Chil. 27 (1881). Basionym: *Anoda ochsenii* Phil., Linnaea 28: 613 (1856).—TYPE: CHILE. en matorrales del interior de la provincia de Valdivia, *R. A. Philippi 51970* (ISOTYPE: G as photo F-23769). [≡ *Corynabutilon ochsenii* (Phil.) Kearney]

Abutilon ochsenii var. *stellaris* Reiche, Anales Univ. Chile 91: 366 (1895); Fl. Chile 1: 218 (1896).—TYPE: not stated.

Abutilon orbiculatum (DC.) G. Don, Gen. Hist. 1: 504 (1831). Basionym: *Sida orbiculata* DC., Prodr. 1: 471 (1824).—TYPE: CHINA.1816, *G. L. Staunton s.n.* (HOLOTYPE: G-DC).

Abutilon orientale Standl. & Steyerm., Publ. Field Mus. Nat. Hist., Bot. Ser. 23: 173 (1944).—TYPE: GUATEMALA. ZACAPA: between Agua Blanca and Cumbre de Chiquimula, *P. C. Standley 74420* (HOLOTYPE: F). [≡ *Pseudabutilon orientale* (Standl. & Steyerm.) Fryxell]

Abutilon otocarpum F. Muell., Trans. Philos. Soc. Victoria 1: 13 (1854).—TYPE: AUSTRALIA. On the Murray [River] towards the junction of the Darling [River], *F. Mueller s.n.*? (MEL?). Photos from Kew are doubtful types because of their dates of collection.

Abutilon otocarpum F. Muell. var. *broomense* Hochr. [as "broomensis"], Annuaire Conserv. Jard. Bot. Genève 15/16: 240 (1912).—TYPE: AUSTRALIA.

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W. AUSTRALIA: Broome, 10 m, *B. P. G. Hochreutiner 2822* (HOLOTYPE: G).

Abutilon oxycarpum (F. Muell.) F. Muell. ex Benth., Fl. Austral. 1:204 (1863). Basionym: *Sida oxycarpa* F. Muell., Fragm. 2: 12 (1860/61).—TYPE: AUSTRALIA. Peak Downs, *F. Mueller s.n.* (LECTOTYPE [here designated]: K).

Abutilon oxycarpum forma *acutatum* Benth., Fl. Austral. 1: 204 (1863).—TYPE: AUSTRALIA. "the most common Brisbane and N.S. Wales form" (TYPE not further stated).

Abutilon oxycarpum forma *incanum* Benth., Fl. Austral. 1: 204 (1863).—TYPE: AUSTRALIA. "chiefly from the tropics and in the west" (TYPE not further stated).

Abutilon oxycarpum var. *malvifolium* Benth., Fl. Austral. 1: 204 (1863).—TYPE: AUSTRALIA. Mount Murchison in NSW, *J. Dallachy s.n.* (MEL?). [≡ *Abutilon malvifolium* (Benth.) J. M. Black]

Abutilon oxycarpum var. *subsagittatum* Domin, Biblioth. Bot. 22 (89[5]): 952 (1928).—TYPE: AUSTRALIA. NW. QUEENSLAND: near Cloncurry, 1910, *K. Domin s.n.* (HOLOTYPE: PR).

Abutilon oxypetalum Planch. & Linden in Triana & Planch., Ann. Sci. Nat. Bot. sér. 4, 17: 184 (1862).—TYPE: [COLOMBIA]. Santa María, prov. d'Ocaña, *L. J. Schlim 290* (LECTOTYPE [Fryxell 1985]: P; ISOLECTOTYPES: BM, BR, G as photo F-23771, K, P). [≡ *Dendrosida oxypetala* (Triana & Planch.) Fryxell]

Abutilon oxyphyllum C. Presl, Bot. Bemerk. 20 (1844), nom. nud. Synonym: *Sida oxyphylla* Wall., Cat. no. 1850, nom. nud. Not validly published: Presl provides no description, and Wallich's nomen nudum was not validated by G. Don. Thus the combination, like the basionym, is a nomen nudum.

Abutilon pachecoanum Standl. & Steyerm., Publ. Field Mus. Nat. Hist., Bot. Ser. 23: 61 (1944).—TYPE: GUATEMALA. QUETZALTENANGO: region of Las Nubes, south of San Martín Chile Verde, *P. C. Standley 83528* (LECTOTYPE [here designated]: F-1092867; ISOTYPES: F-1092849, F-1092850, NY, US).

Abutilon paeoniiflorum (Hook.) Walp., Repert. Bot. Syst. 5: 95 (27–29 Nov 1845). Basionym: *Sida paeoniiflora* Hook., Bot. Mag. t. 4170 (1 July 1845).—TYPE: [BRAZIL.] in montibus dos Orgãos, (HOLOTYPE: plate 4170, loc. cit., which is reproduced by Lemaire (Fl. Serres 54: 170. t. 8. 1846). [= *Abutilon rufinervum* A. St.-Hil.]

Abutilon pakistanicum Jafri & Ali in Jafri, Fl. Karachi 220 (1966).—TYPE: PAKISTAN. SIND: Aug 1858, *N. A. Dalzell s.n.* (HOLOTYPE: K). [= *Abutilon cornutum* Dalzell ex T. Cooke]

Abutilon palmeri A. Gray, Proc. Amer. Acad. Arts 8: 289 (1873).—TYPE: MEXICO. SONORA: Yaqui River, 1869, *E. Palmer s.n.* (HOLOTYPE: GH; ISOTYPES: NY, US).

Abutilon paludosum Dinter, Repert. Nov. Spec. Regni Veg. 53: 120 (1928), nom. nud.

Abutilon paniculatum Hand.-Mazz., Symb. Sin. 7: 606 (1933).—TYPE: CHINA. Eastern Sikang, *H. Handel-Mazzetti 2756* (LECTOTYPE [here designated]: W).

Abutilon pannosum (G. Forst.) Schltdl., Bot. Zeit. 9: 828 (1851). Basionym: *Sida pannosa* G. Forst., Comment. Soc. Reg. Sci. Göttingen 9: 62 (1789).—TYPE: CAPE VERDE ISLANDS. Insula Sancti Jacobi, *G. Forster s.n.* (BM).—"described from Senegal (MA)" fide Abedin (1979a) and Sivarajan and Pradeep (1996), but this is in reference to the synonym, *Abutilon glaucum* (Cav.) Sweet.]

Abutilon pannosum (G. Forst.) Webb, Fragm. Fl. Aethiop.-Aegypt. 52, index (1854), isonym without status (Art. 6.3). See preceding entry.

Abutilon paranthemoides Griseb., Abh. Königl. Ges. Wiss. Göttingen, (Symb. Fl. Argent.) 24: 46 (1879).—TYPE: ARGENTINA. CATAMARCA: Quebrada de Choya, *F. Schickendantz 208b* (HOLOTYPE: GOET). [= *Pseudabutilon virgatum* (Cav.) Fryxell]

Abutilon paranthemum Griseb., Abh. Königl. Ges. Wiss. Göttingen, (Symb. Fl. Argent.) 24: 46 (1879).—TYPE: ARGENTINA. CATAMARCA: Quebrada de Choya, *P. G. Lorentz s.n.*[?] (GOET?).

Abutilon parishii S. Watson, Proc. Amer. Acad. Arts 20: 357 (1885).—TYPE: U.S.A. ARIZONA: Santa Catalina Mountains, Apr-May 1884, *C. G. Pringle s.n.* (LECTOTYPE [here designated]: VT; ISOLECTOTYPE: NY); Arizona, on the foothills near Lowell, *S. B. Parish 23* (SYNTYPES: BR, CAS, GH, US).

Abutilon parviflorum A. St.-Hil., Fl. Bras. Merid. 1: 201 (1827).—TYPE: BRAZIL. MINAS GERAIS: inter vicum Formigas et montem Serra da Canastra, *A. St.-Hilaire s.n.* (HOLOTYPE: P). [≡ *Wissadula parviflora* (A. St.-Hil.) R. E. Fr.]

Abutilon parviflorum var. *luteum* A. St-Hil., Fl. Bras. Merid. 1: 202 (1827).—TYPE: BRAZIL. prope urbem S. Pauli, *A. St.-Hilaire s.n.* (HOLOTYPE: P). [= *Wissadula parviflora* (A. St.-Hil.) R. E. Fr.]

Abutilon parvifolium (A. St.-Hil. & Naud.) Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 26 (1902). Basionym: *Abutilon melanocarpum* var. *parvifolium* A. St.-Hil. & Naud., Ann. Sci. Nat. Bot., ser. 2, 18: 48 (1842).—TYPE: not stated [= *Abutilon pauciflorum* A. St.-Hil.]

Abutilon parvulum A. Gray, Smithsonian Contr. Knowl. 3 (Art. 5) (Pl. Wright.) 1: 21 (1852).—TYPE: U.S.A. TEXAS: calcareous hills of the San Felipe and San Pedro Rivers, *C. Wright 625* [*56*]

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(HOLOTYPE: GH; ISOTYPES: BM, GH, K, NY, OXF, US).

Abutilon patens A. St.-Hil., Fl. Bras. Merid. 1: 200 (1827).—TYPE: BRAZIL. RIO DE JANEIRO: *A. St.-Hilaire s.n.* (LECTOTYPE [here designated]: P; ISOTYPE: P as photo F-9305). [= *Wissadula excelsior* (Cav.) C. Presl]

Abutilon pauciflorum A. St.-Hil., Fl. Bras. Merid. 1: 206 (1827).—TYPE: BRAZIL. Rio del Same, in parte australi provinciae Cisplatanae, *A. St.-Hilaire 2342* (HOLOTYPE: P; ISOTYPE: P). Note: Both the holotype and the isotype are included in the photo F-35458.

Abutilon pauciflorum var. *cano-tomentosum* Hassl., Trab. Mus. Farmacol. 21: 81 (1909).—TYPE: ARGENTINA/PARAGUAY (Pilcomayo): Campos y orillas de los montes, *T. Rojas 182* (specimen not located).

Abutilon pauciflorum forma *longe-corniculatum* Hassl., Trab. Mus. Farmacol. 21: 81 (1909).—TYPE: ARGENTINA/PARAGUAY (Pilcomayo): Orillas de los montes, *T. Rojas 283* (specimen not located).

Abutilon pedatum Ewart in Ewart & O. B. Davies, Fl. N. Terr. 182 (1917).—TYPE: AUSTRALIA. 70 miles N by W of Camp III, near Lander Creek, 14 Jun 1911, *Hill 342* (specimen not located).

Abutilon pedrae-brancae K. Schum. in Martius, Fl. Bras. 12(3): 425 (1891).—TYPE: BRAZIL. MINAS GERAIS: Pedra Branca, *A. F. Regnell 168* (LECTOTYPE [here designated]: S).

Abutilon pedunculare H.B.K., Nov. Gen. Sp. 5: 273 (1822).—TYPE: PERU, inter Chamaya et Tomependa ad ripam fluminis Amazonam [Marañon], *F. H. A. von Humboldt and A. Bonpland 3644* (HOLOTYPE: P-HBK; ISOTYPES: P-HBK, B-W no. 12671, P as photo F-35459).

Abutilon peltatum K. Schum. in Martius, Fl. Bras. 12(3): 398 (1891).—TYPE: BRAZIL. MINAS GERAIS: prope Caldas, *A. F. Regnell I-170* (ISOTYPE: US).

Abutilon peraffine Shuttlew. ex A. Gray, Smithsonian Contr. Knowl. 3 (Art. 5) (Pl. Wright.) 1: 20 (1852).—TYPE: U.S.A. FLORIDA: Key West, *F. I. X. Rugel 95b* (ISOTYPES: BM, NY, P). [= *Abutilon permolle* (Willd.) Sweet]

Abutilon percaudatum Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 438 (1920).—TYPE: MEXICO. SAN LUIS POTOSÍ: Rioverde, *E. Palmer 19* (HOLOTYPE: NY; ISOTYPES: CM, F, GH, K, MO, US).

Abutilon periplocifolium (L.) Sweet, Hort. Brit. ed. 1, 53 (1826). Basionym: *Sida periplocifolia* L., Sp. Pl. 684 (1753).—TYPE: herb. Hermann, vol. 3, fol. 11, *Linn. no. 251* (LECTOTYPE [Borssum Waalkes 1966]: BM). [≡ *Wissadula periplocifolia* (L.) C. Presl ex Thwaites]

Abutilon periplocifolium var. *albicans* Griseb., Fl. Brit. W. I. 77 (1859).—TYPE: TRINIDAD, *H. Crueger s.n.* (K). [= *Wissadula contracta* (Link) R. E. Fr.]

Abutilon periplocifolium var. *caribaeum* (DC.) G. Don, Gen. Hist. 1: 500 (1831). Basionym: *Sida periplocifolia* var. *caribaea* DC., Prodr. 1: 468 (1824).—TYPE: JAMAICA, Sloane, Hist. 1: t. 139. f. 3, 1707 (LECTOTYPE [here designated]: Sloane's fig. 3, loc. cit.). [= *Wissadula hernandioides* (L'Hér.) Garcke]

Abutilon periplocifolium var. *peruvianum* (DC.) G. Don, Gen. Hist. 1: 500, (1831). Basionym: *Sida periplocifolia* var. *peruviana* DC., Prodr. 1: 468 (1824).—TYPE: PERU, *J. Dombey s.n.* (HOLOTYPE: G-DC, as photo F-7987). [= *Wissadula* sp.]

Abutilon periplocifolium var. *zeylanicum* (DC.) G. Don, Gen. Hist. 1: 500 (1831). Basionym: *Sida periplocifolia* var. *zeylanica* DC., Prodr. 1: 467 (1824).—TYPE: LECTOTYPE [here designated]: Dillenius, Hort. Eltham. t. 3. f. 3 (1732). Cf. *Wissadula zeylanica* Medik. (1787) with same type] [= *Wissadula periplocifolia* (L.) C. Presl]

Abutilon permolle (Willd.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida permollis* Willd., Enum. Pl. Hort. Berol. 728 (1809).—TYPE: ex Hort. Bot. Berol. (HOLOTYPE: B-W no. 12689 as photo F-9794).

Abutilon persicum (Burm. f.) Merr., Philipp. J. Sci. 19: 364 (1921). Basionym: *Sida persica* Burm. f., Fl. Ind. 148. t. 47. f. 1 (1768).—TYPE: plate 47, fig. 1, loc. cit. [considered "provisional type" by Borssum Waalkes (1966)—a type specimen should be sought in the Burman herbarium (G-DEL)].

Abutilon peruvianum (Lam.) Kearney, Leafl. W. Bot. 8: 214 (1958). Basionym: *Sida peruviana* Lam., Encycl. 1: 6 (1783).—TYPE: PERU. *coll.*? (HOLOTYPE: P-LA).

Abutilon petiolare H.B.K., Nov. Gen. Sp. 5: 272 (1822).—TYPE: COLOMBIA. *F. H. A. von Humboldt and A. Bonpland s.n.* (HOLOTYPE: P-HBK; ISOTYPE: P-HBK, cf. photo F-35460).

Abutilon peyritschii Standl., Contr. U.S. Natl. Herb. 23: 751 (1923). Basionym: *Abutilon macranthum* Peyr. (1859), nom. illegit. (Art. 53.1), non *Abutilon macranthum* A. St.-Hil. (1827).—TYPE: MEXICO. VERACRUZ: Zacuapán, *C. Heller 46* (HOLOTYPE: W). [= *Bakeridesia ferruginea* (Martyn in Mill.) Krapov.]

Abutilon picardae Urb., Symb. Antill. 5: 417 (1908).—TYPE: HAITI. *L. Picarda 136* (HOLOTYPE: B-extant?).

Abutilon pictum (Gillies ex Hook. & Arn.) Walp., Repert. Bot. Syst. 1: 324 (1842). Basionym: *Sida picta* Gillies ex Hook. & Arn., Bot. Misc. 3: 154 (1833).—TYPE: ARGENTINA. Buenos Aires, *J. Gillies s.n.* (LECTOTYPE (here designated): K; ISOLECTOTYPE: OXF).

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Abutilon piloso-cinereum A. Meeuse, Bothalia 7: 486 (1961).—TYPE: TRANSVAAL. PIETERSBURG: Chunies Poort Police Station, *A. D. J. Meeuse 10352* (HOLOTYPE: PRE; ISOTYPES: BM, BOL, ES, K, L, LD, M, SRGH).

Abutilon pilosum (Vell.) K. Schum. in Martius, Fl. Bras. 12(3): 437 (1891). Basionym: *Sida pilosa* Vell., Fl. Flum. 280 (1825) [1829]; t. 26 (1827) [1831], nom. illegit. (Art. 53.1), non *Sida pilosa* Moench, Methodus 1: 619 (1794).—TYPE: LECTOTYPE [here designated]: Vellozo's plate 26, loc. cit.

Abutilon pinkavae Fryxell, Phytologia 37: 285 (1977).—TYPE: MEXICO. COAHUILA: Cuatrocienegas Basin, route 30 at north end of Sierra San Marcos, *D. J. Pinkava and T. Reeves 13044* (HOLOTYPE: ASU-79373; ISOTYPE: NY).

Abutilon pionense Ulbr., Notizbl. Bot. Gart. Berlin-Dahlem 9: 53 (1924).—TYPE: PERU. CAJAMARCA: Prov. Cutervo, *A. Weberbauer 7140* (LECTOTYPE [Burandt and Fryxell, 1990]: F as photo F-56218; ISOLECTOTYPE: GH).[= *Abutilon pedunculare* H.B.K.]

Abutilon pitcairnense Fosberg, Smithsonian Contr. Bot. 47: 10 (1981).—TYPE: PITCAIRN ISLAND: Parlver Valley Ridge, 300 m, *H. St. John 14966* (HOLOTYPE: BISH).

Abutilon pittieri J. D. Smith, Bot. Gaz. 56: 51 (1913).—TYPE: GUATEMALA. GUATEMALA: el Puente near Las Canoas, *H. F. Pittier 138* (HOLOTYPE: US as photo F-46038). [≡ *Bakeridesia pittieri* (J. D. Smith) D. M. Bates]

Abutilon piurense Ulbr., Bot. Jahrb. Syst. 54 (Beibl. 117): 55 (1916).—TYPE: PERU, in declivibus occidentalis montium Andinorum a vico Piura dicto, *A. Weberbauer 6010* (HOLOTYPE: B as photo F-9284).

Abutilon planiflorum C. Koch & Bouché, Berliner Allg. Gartenzeitung 25: 98. t. 3 (1857).—TYPE: Koch & Bouché's plate 3. [= *Bakeridesia ferruginea* (Martyn in Mill.) Krapov.]

Abutilon pleiopodum J. D. Smith, Bot. Gaz. 56: 51 (1913).—TYPE: GUATEMALA. ALTA VERAPAZ: near the Finca Sepacuite, *O. F. Cook and R. F. Griggs 206* (HOLOTYPE: US). [≡ *Robinsonella pleiopoda* (J. D. Smith) Fryxell]

Abutilon pleniflorum N. E. Br., Gard. Chron. n.s., 48: 428 (1910).—TYPE: unknown.

Abutilon polyandrum (Roxb.) Wight & Arn. in Wight, Cat. Indian Pl. 12 (1833), non *Abutilon polyandrum* G. Don (1831). Basionym: *Sida polyandra* Roxb. ex Wall., Cat. 1851 (1828), nom. nud.; Fl. Ind. 3: 173 (1832).—TYPE: INDIA. Calcutta Botanic Garden, *W. Roxburgh s.n.* (LECTOTYPE [Borssum Waalkes, 1966]: BR; ISOTYPES: BR, K). [= *Abutilon persicum* (Burm. f.) Merr.]

Abutilon "polyandrum" G. Don, Gen. Hist. 1: 500 (1831). [orth. mut. = polyanthon]

Abutilon polyanthon (Link) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida polyantha* Schltdl. ex Link, Enum. Hort. Berol. Alt. 2: 204 (1822).—TYPE: unknown. [= *Wissadula hernandioides* (L'Hér.) Garcke]

Abutilon populifolium (Lam.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida populifolia* Lam., Encycl. 1: 7 (1783).—TYPE: INDIA, *P. Sonnerat s.n.* (HOLOTYPE: P-LA). [= *Abutilon indicum* (L.) Sweet]

Abutilon pringlei Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 14 (1902).—TYPE: U.S.A. ARIZONA: Sierra Tucson, 21 Apr 1884, *C. G. Pringle s.n.* (HOLOTYPE: NY; ISOTYPES: K, US-2). [= *Abutilon incanum* (Link) Sweet]

Abutilon pringlei var. *sinaloense* Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 437 (1920).—TYPE: MEXICO. SINALOA: in vicinity of Topolobampo, *J. N. Rose 13272* (HOLOTYPE: NY). [= *Abutilon incanum* (Link) Sweet]

Abutilon pritchardii Exell & Hillc., Bol. Soc. Brot. sér 2, 29: 29 (1955).—TYPE: ANGOLA (specimen not located).

Abutilon procerum Fryxell, Syst. Bot. 10: 269 (1985).—TYPE: MEXICO. TAMAULIPAS: near Gómez Farías, *A. T. Richardson 939* (HOLOTYPE: TEX; ISOTYPE: NY).

Abutilon propinquum W. Fitzg., J. Proc. Roy. Soc. W. Austral. 3: 172 (1918).—TYPE: W. AUSTRALIA. Napier Range, Devil's Pass, May 1905, *W. V. Fitzgerald 611* (ISOTYPE: K). [= *Abutilon andrewsianum* W. Fitzg., fide Wheeler et al. (1992)]

Abutilon pseudangulatum Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 13 (1902).—TYPE: MADAGASCAR. Tamatave et Diego Suarès, *J. Goudot s.n.* (HOLOTYPE: G-DEL). [= *Abutilon angulatum* Mast. var. *macrophyllum* (Baker f.) Hochr.]

Abutilon pseudocleistogamum Hochr., Annuaire Conserv. Jard. Bot. Genève 20: 71 (1917).—TYPE: MADAGASCAR. Bassin des Mangoky, *H. Perrier de la Bâthie 5432* [*Hochreutiner no. 73,* as cited in the protologue] (LECTOTYPE [Hochreutiner, 1955]: P).

Abutilon pseudocleistogamum forma *bathiei* (Hochr.) Hochr., Fl. Madag. Malvac. 137 (1955). Basionym: *Abutilon bathiei* Hochr., Candollea 2: 121 (1925).—TYPE: MADAGASCAR. Ile Europa, *H. Perrier de la Bâthie 13805* (HOLOTYPE: P).

Abutilon pseudogiganteum Steyerm., Fieldiana, Bot. 28(2): 362 (1952).—TYPE: VENEZUELA. ANZOÁTEGUI: between San José and Cuctá, E of Bergantín, *J. A. Steyermark 61519* (ISOTYPES: CAS [fragment], F, NY). [= *Abutilon giganteum* (Jacq.) Sweet]

Abutilon pseudostriatum Hochr., Pl. Bogor. Exsicc. 24 (1904).—TYPE: Bogor Botanic Garden, *B. P. G. Hochreutiner* [*Exsicc. Bog.*] *42* (ISOTYPES: BO, K,

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L, NY [fragment], P). [= *Abutilon striatum* Dicks. ex Lindl.]

Abutilon pubescens Moench, Methodus 620 (1794). Basionym: *Sida abutilon* L., Sp. Pl. 685 (1753).—TYPE: Hort. Cliff. (LECTOTYPE [Borssum Waalkes, 1966]: BM-herb. Cliff.). [≡ *Abutilon theophrastii* Medik.] See *Abutilon croizatianum* Moscoso.

Abutilon pubescens (Cav.) Urb., Repert. Sp. Nov. Regni Veg. 16: 32 (1919), nom. illegit (Art. 53.1), non *Abutilon pubescens* Moench (1794). Basionym: *Sida pubescens* Cav., Diss. 1: 33. t. 7. f. 6 (1785).—TYPE: SANTO DOMINGO, *J. Jussieu s.n.* (P; possible TYPE: MA-476276 [cf. Garilleti, 1993, p. 135]). ≡ *Abutilon croizatianum* Moscoso, q. v.

Abutilon pubistamineum Ulbr., Repert. Nov. Spec. Regni Veg. 13: 500 (1915).—TYPE: ECUADOR. MANABÍ: El Recreo, Aug 1893, *H. F. A. von Eggers 14917* (HOLOTYPE: B as photo F-9285; ISOTYPES: F, GH, K).

Abutilon pulchellum (Willd.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida pulchella* Willd., Enum. Pl. Hort. Reg. Bot. Berol. 1809: 724 (1809).—TYPE: Hort. Bot. Berolinensis, ex Australia (HOLOTYPE: B-W no. 12707). [≡ *Gynatrix pulchella* (Willd.) Alef. ≡ *Plagianthus pulchellus* (Willd.) A. Gray]

Abutilon pulchellum (Willd.) G. Don, Gen. Hist. 1: 501 (1831), isonym without status (Art. 6.3). See preceding entry.

Abutilon pulchrum (Colla) G. Don, Gen. Hist. 1: 503 (1831). Basionym: *Sida pulchra* Colla, Hort. Ripul. 129. t. 34 (1824).—TYPE: Cult. "ex seminibus ab eodem Bertero lectis Baranguilla" (LECTOTYPE [here designated]: plate 34, loc. cit.).

Abutilon pulverulentum Ulbr., Bot. Jahrb. Syst. 54. (Beibl. 117): 51 (1916).—TYPE: PERU. CAJAMARCA: Prov. Hualgayoc, über San Miguel, *A. Weberbauer 3904* (HOLOTYPE: B as photo F-9286). [= *Sidasodes jamesonii* (Baker f.) Fryxell & Fuertes]

Abutilon purpurascens (Link) K. Schum. in Martius, Fl. Bras. 12(3): 419 (1891). Basionym: *Sida purpurascens* Link, Enum. Hort. Berol. Alt. 2: 206 (1822).—TYPE: BRAZIL (specimen unknown). [≡ *Bakeridesia purpurascens* (Link) Monteiro; see *Abutilon esculentum*] Note: Numerous specimens are in the type collection at C, many annotated as *Abutilon purpurascens* by Schumann, but none can be linked to the basionym of Link.

Abutilon purpusii Standl., Contr. U.S. Natl. Herb. 23: 750 (1923).—TYPE: MEXICO. VERACRUZ: Barranca de Tenampa, Zacuapán, *C. A. Purpus 4332* (HOLOTYPE: US; ISOTYPES: BM, F, GH).

Abutilon pycnodon Hochr., Bull. Herb. Boissier sér. 2, 2: 1001 (1902).—TYPE: SOUTHWEST AFRICA. Okanandja, *K. Dinter 65* (P, WAG). [Cf. *Abutilon salmoneum* Ulbr.]

Abutilon pyramidale Turcz., Bull. Soc. Imp. Naturalistes Moscou 31: 203 (1858).—TYPE: VENEZUELA. BARQUISIMETO: Humocaro, *N. Funck and L. J. Schlim 749* (LECTOTYPE [here designated]: W as photo F-32634; ISOTYPES: MPU, P). [≡ *Abutilon divaricatum* Turcz.] Note: Turczaninow cites the type locality incorrectly as in Colombia (cf. Fryxell and Krapovickas, 1990).

Abutilon quinquelobum Ulbr., Repert. Nov. Spec. Regni Veg. 13: 501 (1915).—TYPE: BRAZIL. prope Rio de Janeiro, *A. F. M. Glaziou 12438* (HOLOTYPE: B as photo F-9287; ISOTYPES: C as photo F-21596, K, P-2). [≡ *Abutilon senile* K. Schum., q.v. ≡ *Bakeridesia senilis* (K. Schum.) Hochr.].

Abutilon racemosum Schltdl., Linnaea 11: 367 (1837).—TYPE: MEXICO. MICHOACÁN: Tlalpujahua, 1830, *F. W. Keerl s.n.* (HOLOTYPE; HAL; ISOTYPE: BR). [≡ *Allowissadula racemosa* (Schltdl.) Fryxell]

Abutilon ramiflorum A. St.-Hil., Fl. Bras. Merid. 1: 199 (1827).—TYPE: BRAZIL. MINAS GERAES: Minas Novas prope Boa Vista do barra de Ciao, *A. St.-Hilaire s.n.* (HOLOTYPE: P as photo F-35461).

Abutilon ramosissimum C. Presl, Reliq. Haenk. 2: 116 (1835).—TYPE: MEXICO. GUERRERO: Acapulco, *T. Haenke s.n.* (HOLOTYPE: PR?; ISOTYPES: BM, MO, W as photo F-32635). [= *Abutilon trisulcatum* (Jacq.) Urb.]

Abutilon ramosum (Cav.) Guillem. & Perr., Fl. Seneg. Tent. 1: 68 (1831, "23–26 April" fide Stafleu and Cowan). Basionym: *Sida ramosa* Cav., Diss. 1: 28. t. 6. f. 1 (1785).—TYPE: SENEGAL. *M. Adanson s.n.* (MA-476281 [cf. Garilleti 1993: 136]). Note: Guillemin & Perrottet cite Cavanilles in error as "Diss. 1: 34. t. 9. f. 2," which is a clear reference to *Sida obtusa* Cav. and not to *Sida ramosa* Cav. This seems to strain the intent of Art. 33.4. If it is deemed that the combination *A. ramosum* of Guillemin & Perrottet is therefore not validly published, then the following entry becomes the valid publication of the name.

Abutilon ramosum (Cav.) G. Don, Gen. Hist. 1: 501 (1831, "early August" fide Stafleu and Cowan), isonym without status (Art. 6.3). Basionym: *Sida ramosa* Cav., Diss. 1: 28. t. 6. f. 1 (1785).—TYPE: SENEGAL. *J. Jussieu s.n.* (MA-476281). Cf. Garilletti (1993, p. 136 and see discussion in preceding entry.

Abutilon ramosum var. *chevalieri* Hochr. ex Ulbr., Bot. Jahrb. Syst. 51: 28 (1913).—TYPE: AFRICA. Territoire du Haut-Oubangui, Bassin du moyenne Koddo, 28 Nov 1902, *A. J. B. Chevalier 6466* (HOLOTYPE: P; ISOTYPES: K, P-2).

Abutilon ramosum var. *pfundii* Ulbr., Bot. Jahrb. Syst. 51: 28 (1913).—TYPE: KORDOFAN: el-Obéïd, Weg nach Malbe, *J. D. C. Pfund 276* (HOLOTYPE: "herb. Schweinfurth").

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Abutilon ramosum var. *sparmannioides* (Guillem. & Perr.) Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 17 (1902). Basionym: *Abutilon sparmannioides* Guillem. & Perr., Fl. Seneg. Tent. 1: 70 (1831).—TYPE: SENEGAMBIA. in sylvis humidis et paludosis prope Dagana in regno Walo, *F. R. Leprieur s.n.* (LECTOTYPE [here designated]: P; ISOTYPE: P-herb. Dugand).

Abutilon ranadei Woodrow & Stapf, Bull. Misc. Inform. Kew 1894: 99 (1894).—TYPE: INDIA. Cunba Strait, road Kothapur-Putnagiri, 18 Dec 1893, *Rowjee s.n.* (HOLOTYPE: K).

Abutilon reflexum (Lam.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida reflexa* Lam., Encycl. 1: 16 (1783).—TYPE: PERU. *J. Dombey s.n.* (HOLOTYPE: P; ISOTYPE: P). The specimens designated by Burandt and Fryxell (1990) as neotype and isoneotype (P-JU no. 12327) are probably garden-grown progeny of Dombey's collection.

Abutilon regnellii Miq., Linnaea 22: 554 (1849).—TYPE: BRAZIL. MINAS GERAIS: Caldas, *A. F. Regnell II-17* (LECTOTYPE [here designated]: U; ISOTYPES: B as photo F-9288, NY, P-2).

Abutilon rehmannii Baker f., J. Bot. 31: 217 (1893).—TYPE: TRANSVAAL. *A. Rehmann 5221* (LECTOTYPE [here designated]: BM).

Abutilon reticulatum Rose, Contr. U.S. Natl. Herb. 5: 171 (1899).—TYPE: MEXICO. OAXACA: Monte Albán, *C. G. Pringle 6062* (LECTOTYPE [Fryxell 1988]: US; ISOLECTOTYPES: BR, F as photo F-56132, GH-3, GOET, K, MASS, MEXU, MICH, MIN, MO, MSC, P, PH, UC, VT). [= *Abutilon andrieuxii* Hemsl.]

Abutilon reventum S. Watson, Proc. Amer. Acad. Arts 21: 418 (1886).—TYPE: MEXICO. CHIHUAHUA: Hacienda San José, 25 mi S of Batopilas, Aug 1885, *E. Palmer 56* (LECTOTYPE [Fryxell, 2001]: GH; ISOTYPE: US).

Abutilon rigidum G. Don, Gen. Hist. 1: 504 (1831).—TYPE: GUINEA. *coll.*? specimen unknown (HOLOTYPE: BM?).

Abutilon rivulare A. St.-Hil., Fl. Bras. Merid. 1: 202 (1827).—TYPE: BRAZIL. Rio del Samé, Provinicia Cisplatinae, *A. St.-Hilaire 2342* (HOLOTYPE: P as photo F-35462). [= *Abutilon affine* (Spreng.) G. Don]

Abutilon roseum Hand.-Mazz., Symb. Sin. 7: 607 (1933).—TYPE: CHINA. YUNNAN: *H. Handel-Mazzetti 8522* (HOLOTYPE: W?; ISOTYPE: US).

Abutilon rotundifolium Mattei, Boll. Ort. Bot. Palermo 7: 182 (1908).—TYPE: SOMALIA. Mogadiscio, nelle dune, Jun 1907, *Macaluso 38* (HOLOTYPE: PAL).

Abutilon rufescens (A. St. Hil.) G. Don, Gen. Hist. 1: 502 (1831). [orth. mut. = rufinerve, q.v.]

Abutilon rufescens Turcz., Bull. Soc. Imp. Naturalistes Moscou 31: 202 (1858).—TYPE: MEXICO. VERACRUZ: Mirador, *J. J. Linden 1377* (HOLOTYPE: KW; ISOTYPE: K), non *Abutilon rufescens* G. Don (1831). [= *Wissadula excelsior* (Cav.) C. Presl] Cf. Fryxell and Krapovickas (1990).

Abutilon rufinerve A. St.-Hil., Fl. Bras. Merid. 1: 205. t. 42 (1827).—TYPE: BRAZIL. Valla do Principe, propèque praedium Domingo Alfonso, *A. St.-Hilaire s.n.* (HOLOTYPE: P; ISOTYPES: P-2). [≡ *Bakeridesia rufinervis* (A. St.-Hil.) Monteiro]

Abutilon rufinerve var. *confertum* A. St.-Hil., Fl. Bras. Merid. 1: 206 (1827).—TYPE: BRAZIL. Padre Anastasio, ad viam . . . ad urbem Villa Rica, *A. St.-Hilaire 173* (HOLOTYPE: P; ISOTYPE: P as photo F-35463).

Abutilon rufinerve var. *latifolium,* A. St.-Hil. & Naud., Ann. Sci. Nat. Bot. ser. 2, 18: 49 (1842).—TYPE: BRAZIL. Serra dos Orgãos, *G. Gardner 319* (HOLOTYPE: P; ISOTYPES: G as photo F-23773, P). [≡ *Bakeridesia rufinervis* var. *latifolia* (A. St.-Hil. & Naud.) Monteiro]

Abutilon rufinerve var. *ochraceum* K. Schum. in Martius, Fl. Bras. 12(3): 416 (1891), as "ochracea."—TYPE: BRAZIL. Gongo Soco, 1868, *C. Bunbury s.n.* (SYNTYPE: BR).

Abutilon rufinerve var. *subglabrum* K. Schum. in Martius, Fl. Bras. 12(3): 416 (1891), as "subglabra."—TYPE: BRAZIL. *F. Sellow 726* (specimen not located).

Abutilon rufivelum K. Schum. ex Baker f., J. Bot. 31: 271 (1893), as "rufivellum," without description, thus a nomen nudum in *Abutilon.*—TYPE [of Hochreutiner's name in *Bakeridesia*]: BRAZIL. RIO DE JANEIRO: Nova Friburgo, Alto Macahé, *A. F. M. Glaziou 18136* (HOLOTYPE: G-DC as photo F-7984; ISOTYPES: B as photo F-9290, BM, C-2, P-3). [≡ *Bakeridesia rufivela* Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 419 (1920).]

Abutilon rufivelum K. Schum. ex Glaz., Bull. Soc. Bot. France 52 (Mém. 3): 47 (1909?), nom. nud.

Abutilon rugosulum Hochr. ex Chodat & Hassl., Bull. Herb. Boissier sér. 2, 5: 288 (1905).—TYPE: PARAGUAY. *E. Hassler 346* (HOLOTYPE: G as photo F-23777). [= *Abutilon pauciflorum* A. St.-Hil.]

Abutilon sachetianum Fosberg, Smithsonian Contr. Bot. 47: 7 (1981).—TYPE: MARQUESAS ISLANDS. Hivaoa, Hanaheka Valley, 300 m, *R. Oliver and Schaefer 3193* (HOLOTYPE: US; ISOTYPES: BISH, GH, P, TAES).

Abutilon salicifolium Reiche, Anal. Univ. Chile 94: 623 (1896).—TYPE: CHILE. (specimen not located). [≡ *Corynabutilon salicifolium* (Reiche) Krapov.]

Abutilon salmoneum Ulbr., Bot. Jahrb. Syst. 51: 24 (1913), nom. illegit. (Art. 52.1).—TYPE: Granithügel um Okahandja, *K. Dinter II-65* (LECTOTYPE [here designated]: WAG; ISOTYPE: P). [≡ *Abutilon pycnodon* Hochr.]

Abutilon saltense Hassl., Repert. Nov. Sp. Regni Veg. 12: 498 (1913).—TYPE: ARGENTINA. SALTA: in

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dumento Rosario de la Frontera, *M. Lillo 3877* (LECTOTYPE [here designated]: LIL; ISOTYPE: G). [= *Pseudabutilon virgatum* (Cav.) Fryxell]

Abutilon sandwicense (O. Deg.) Christoph., Occas. Papers Bishop Mus. 10(15): 4 (1934). Basionym: *Abortopetalum sandwicense* O. Deg., Fl. Hawaiiensis, Fam. 221 (1932).—TYPE: U.S.A. HAWAII: Oahu, gulch N of middle ridge between Puu Kamaohanui and Puu Pane, NE of Mt. Kaala, *O. Degener et al. 4193* (HOLOTYPE: BISH; ISOTYPES: BISH, NY).

Abutilon sandwicense var. *welchii* Christoph., Occas. Papers Bishop Mus. 10(15): 5 (1934).—TYPE: HAWAII. *E. Christophersen 3714* (ISOTYPES: F as photo F-56221, US).

Abutilon scabridum K. Schum. in Martius, Fl. Bras. 12(3): 413 (1891).—TYPE: BRAZIL. prope Estiva, ut lego, *F. Sellow 744* (SYNTYPE: B as photo F-9291). [≡ *Bakeridesia scabrida* (K. Schum.) Kearney ex Fryxell, comb. nov. Kearney (1958, p. 212, note 1) stated that this species "should be transferred to *Bakeridesia*" but did not explicitly make the combination.

Abutilon scabrum S. Watson, Proc. Amer. Acad. Arts 24: 41 (1889).—TYPE: MEXICO. SONORA: Guaymas, 4–30 Jul 1887, *E. Palmer 97* (LECTOTYPE [Fryxell, 1988]: GH; ISOLECTOTYPES: BM, C-2, GH, K, NY, US-2).[= *Abutilon abutiloides* (Jacq.) Garcke]

Abutilon schaeferi Ulbr., Bot. Jahrb. Syst. 51: 17 (1913).—TYPE: GROSS-NAMALAND. an Wegen und Revieren bei Aus, *Schaefer 361* (B?).

Abutilon schenckii K. Schum. in Martius, Fl. Bras. 12(3): 412 (1891).—TYPE: BRAZIL. Madre de Dios, *L. Riedel 1316* (LECTOTYPE [here designated]: P)]. [possibly a synonym of *Abutilon falcatum* A. St.-Hil. & Naud., fide Garcke (1893)]

Abutilon schinzii Ulbr., Bot. Jahrb. Syst. 51: 19 (1913).—TYPE: GROSS-NAMALAND. bei Aus, *H. Schinz 187* (HOLOTYPE: B-extant?; ISOTYPE: Z?).

Abutilon seineri Ulbr., Bot. Jahrb. Syst. 48: 369 (1912).—TYPE: SW AFRICA. in der Omaheke bei Epata, 1300 m, *F. Seiner 346* (HOLOTYPE: B-extant?). [= *Abutilon rehmannii* Baker f.] Note: Ulbrich (loc. cit.) adds that other duplicates of this number are *Sida spinosa* L.

Abutilon selerianum Ulbr., Repert. Nov. Spec. Regni Veg. 12: 227 (1913).—TYPE: MEXICO. NUEVO LEÓN: Monterrey, *E. Seler and C. Seler 1096* (HOLOTYPE: B, destroyed; ISOTYPES: GH, US). [= *Abutilon hypoleucum* A. Gray]

Abutilon sellowianum (Klotzsch) Regel, Ann. Sci. Nat. Bot. sér. 4,. 12: 379 (1859). Basionym: *Sida sellowiana* Klotzsch in Otto & Dietrich, Allgem. Gartenzeitg. 4: 9 (1836).—TYPE: Hort. Bot. Berlin, ex Brazil (HOLOTYPE: B as photo F-9293). [≡ *Bakeridesia sellowiana* (Klotzsch) Monteiro]

Abutilon senile K. Schum. in Martius, Fl. Bras. 12(3): 424 (1891).—TYPE: BRAZIL. RIO DE JANEIRO: Quinta de São Christovão, *A. F. M. Glaziou 12438* (HOLOTYPE: B as photo F-9287; ISOTYPES: C-2 as photo F-21596, G-DC as photo F-7983, K, P-3). [≡ *Bakeridesia senilis* (K. Schum.) Hochr.] Cf. *Abutilon quinquelobum* Ulbr.

Abutilon sepalum S. A. Husain & Baquar, Phyton 15(3/4): 224 (1974).—TYPE: PAKISTAN. Karachi, P.C.S.I.R. Campus, 27 Oct 1970, *S. A. Husain s.n.* (HOLOTYPE: CLH).

Abutilon septemlobum Miq., Linnaea 22: 554 (1849).—TYPE: BRAZIL. MINAS GERAIS: pr. Caldas, *A. F. Regnell I-15* (HOLOTYPE: U; ISOTYPE: S?). [= *Abutilon regnellii* Miq.]

Abutilon sessilifolium C. Presl, Reliq. Haenk. 2: 113 (1835).—TYPE: MEXICO. *T. Haenke s.n.* (HOLOTYPE: PR). [= *Herissantia crispa* (L.) Brizicky]

Abutilon sidoides Dalzell & Gibson, Bomb. Fl. 18 (1861).—TYPE: INDIA. near Cambey, *N. A. Dalzell s.n.* (K?). [= *Abutilon ramosum* (Cav.) Guillem. & Perr.]

Abutilon sidoides Hemsl., Diagn. Pl. Nov. Mexic. 2: 24 (1879), nom. illegit. (Art. 53.1), non *Abutilon sidoides* Dalzell & Gibson (1861), ≡ *Abutilon hemsleyanum* Rose, q.v.—TYPE: MEXICO. SAN LUIS POTOSÍ: *C. C. Parry and E. Palmer 80* (HOLOTYPE: K; ISOTYPES: BM, NY, US). [= *Pseudabutilon ellipticum* (Schltdl.) Fryxell]

Abutilon simulans Rose, Contr. U.S. Natl. Herb. 8: 318 (1905).—TYPE: MEXICO. MORELOS: near Cuernavaca, *C. G. Pringle 8427* (HOLOTYPE: US; ISOTYPES: BM, CAS, F as photo F-56131, GH, GOET, K, MASS, MEXU, MICH, MIN, MO, MSC, NY, P, PH, POM, RM, S, TEX, UC, VT).

Abutilon sinaicum Mattei, Boll. Ort. Bot. Palermo n.s., 1: 94 (1915).—TYPE: EGYPT. Regione montana del Sinai, May, *A. Figari s.n.* (HOLOTYPE: FI).

Abutilon sinense Oliv. in Hook., Icon. Pl. 18: t. 1750 (1888).—TYPE: CHINA. Hupei, Nan-T'o, *A. Henry 3822* (LECTOTYPE [Hu 1955]: K; ISOLECTOTYPE: P).

Abutilon sinense var. *edentatum* K. M. Feng, Fl. Yunnanica, 2: 202 (1979).—TYPE: CHINA. YUNNAN: *S. Y. Hu 8110* (HOLOTYPE: HY).

Abutilon sinense var. *yunnanense* Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 447 (1920).—TYPE: CHINA. YUNNAN: Szemao, *A. Henry 11584* (HOLOTYPE: NY; ISOTYPE: B). [= *Abutilon gebauerianum* Hand.-Mazz.]

Abutilon smenospermum Pic.-Serm., Miss. Stud. Lago Tana Ricerche Bot. 7: 92 (1951).—TYPE: not located. [= *Abutilon cecilii* N. E. Br.]

Abutilon somalense Mattei, Boll. Ort. Bot. Palermo n.s., 1: 81 (1915).—TYPE: SOMALILAND. Duna di Mogadiscio, *G. Paoli 48* (SYNTYPE: FI); Mo-

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gadiscio, lungo la strada di Afgai, *G. Paoli 113* (SYNTYPE: FI).

Abutilon sonneratianum (Cav.) Sweet, Hort. Brit. ed. 1, 1: 54 (1826), as "soneratianum". Basionym: *Sida sonneratiana* Cav., Diss. 1: 29. t. 6. f. 4 (1785), non *Sida sonneratiana* Spreng. 1825—TYPE: SOUTH AFRICA. "Habitat ad caput B. Spei," *P. Sonnerat s.n.* (HOLOTYPE: MA-476285).

Abutilon sonorae A. Gray, Smithsonian Contr. Knowl. 3 (Art. 5) (Pl. Wright.) 2: 23 (1853).—TYPE: MEXICO. SONORA: Sonoita River, *C. Wright 538* [*899*] (HOLOTYPE: GH; ISOTYPES: GH, K-2, NY, PH, US). [= *Abutilon mollicomum* (Willd.) Sweet]

Abutilon sordidum K. Schum. in Martius, Fl. Bras. 12(3): 406 (1891). —TYPE: ARGENTINA. Tabacal prope Oran, *P. G. Lorentz and G. Hieronymus 863* (ISOTYPES: G as photo F-23774, NY-2). [= *Abutilon mollissimum* (Cav.) Sweet]

Abutilon sparmannioides Guillem. & Perr., Fl. Seneg. Tent. 1: 70 (1831).—TYPE: SENEGAMBIA. in sylvis humidis et paludosis prope Dagana in regno Walo, *F. R. Leprieur s.n.* (LECTOTYPE [here designated]: P; ISOTYPE: P-herb. Dugand). [= *Abutilon ramosum* Guillem. & Perr., q. v.]

Abutilon speciosum (Spreng.) G. Don, Gen. Hist. 1: 502 (1831). Basionym: *Sida speciosa* Willd. ex Spreng., Syst. 3: 119 (1826).—TYPE: BRAZIL. CUMANÁ (specimen unknown). Hiepko (1972) cites B-W no. 12680 as *Sida speciosa* Willd., whereas this specimen is the type of *Abutilon geminiflorum* H.B.K., q.v.

Abutilon sphaerostaminum Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 441 (1920).—TYPE: MEXICO. VERACRUZ: Barranca de Santa María, near Zacuapán, *C. A. Purpus 2234* (HOLOTYPE: NY; ISOTYPES: GH, UC, US).

Abutilon spicatum H.B.K., Nov. Gen. Sp. 5: 271 [folio ed. 211] (1822).—TYPE: "Provincia de la Guyana, prope San Carlos del Rio Negro," *F. H. A. von Humboldt and A. Bonpland s.n.* (HOLOTYPE; P-HBK; ISOTYPE: B-W no. 12712 as photo F-9792). [≡ *Briquetia spicata* (H.B.K.) Fryxell]

Abutilon spinifex (L.) Scop., Introd. Hist. Nat. 288 (1777). Basionym: *Hibiscus spinifex* L., Syst. Nat. ed. 10, 1149 (1759). —TYPE: Plumier, Pl. Amér. pl. 1 (1755). [≡ *Pavonia spinifex* (L.) Cav.]

Abutilon stellatum (Cav.) Kuntze, Revis. Gen. Pl. 3(3): 18 (1898). Basionym: *Sida stellata* Cav., Diss. 1: 27. t. 5. f. 4 (1785).—TYPE: specimen unknown. [= *Wissadula nudiflora* (L'Hér.) Benth.] Cf. comments by Fries (1908, p. 66).

Abutilon stenopetalum Garcke, Bot. Zeit. 8: 683 (1850).—TYPE: COLOMBIA. *H. Wagener 25* (HOLOTYPE: B as photo F-9294).

Abutilon stipulare C. Presl, Reliq. Haenk. 2: 114 (1835).—TYPE: PHILIPPINES. LUZON: *T. Haenke s.n.* (HOLOTYPE: PR). [= *Abutilon auritum* (Wall.) Sweet]

Abutilon straminicarpum Fryxell, Brittonia 32: 264 (1980).—TYPE: MEXICO. PUEBLA: Mpio. Caltepec, San Simón Tlacuilotepec, *C. A. Purpus 4010* (HOLOTYPE: F; ISOTYPES: BM, GH, MO, NY, US).

Abutilon striatum Dicks. ex Lindl., Edward's Bot. Reg. 25: misc. 39 (1839).—TYPE: HOLOTYPE: Dickson in Maund, The Botanist 3: plate 144 (1839).

Abutilon subpapyraceum Hochr., Annuaire Conserv. Jard. Bot. Genève 6: 23 (1902).—TYPE: VIRGIN ISLANDS. ST. THOMAS: Pollyberg, Nov 1880, *H. F. A. von Eggers 117* (HOLOTYPE: G; ISOTYPES: P-2). [= *Abutilon indicum* (L.) Sweet]

Abutilon subsagittatum Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 444 (1920).—TYPE: MEXICO. TAMAULIPAS: vicinity of Victoria, 1 May–13 Jun 1907, *E. Palmer 371* (HOLOTYPE: NY; ISOTYPES: K, US). [= *Abutilon hypoleucum* A. Gray]

Abutilon subumbellatum Philcox, Rev. Handb. Fl. Ceylon 11: 341 (1997).—TYPE: CEYLON. MANNAR DISTRICT: Akattikulam, 6.5 km S of Madhu Road, sea level, *W. Meijer 802* (HOLOTYPE: US).

Abutilon subviscosum Benth., Fl. Austral. 1: 202 (1863).—TYPE: AUSTRALIA. [QUEENSLAND?]: "subtropical regions of the interior," *T. L. Mitchell s.n.* (K).

Abutilon sundaicum (Blume) G. Don, Gen. Hist. 1: 500 (1831). Basionym: *Sida sundaica* Blume, Bijdr. Fl. Ned. Ind. 2: 78 (1825).—TYPE: JAVA. Mt. Parang, *C. L. Blume s.n.* (LECTOTYPE [here designated]: L-0012915; ISOTYPES: L-3, P). [= *Abutilon persicum* (Burm. f.) Merr.]

Abutilon ×*suntense* C. D. Brickell, J. Roy. Hort. Soc. 96(6): 275 (1971).—TYPE: ex hort. Sunte House, Haywards Heath, Sussex, Anglia, 10 Jun 1969, *s. coll., s.n.* (HOLOTYPE: BM). [Cult.—*Abutilon ochsenii* ×*vitifolium* ≡ *Corynabutilon* ×*suntense* (C. D. Brickell) Fryxell, comb. nov.]

Abutilon sylvaticum (Cav.) K. Schum. in Martius, Fl. Bras. 12(3): 418 (1891) as "silvaticum." Basionym: *Sida sylvatica* Cav., Diss. 2: 56 (1786); 5: 276. t. 133. f 2 (1788).—TYPE: PERU. in sylvis prope flumen Maragnon, *J. Dombey s.n.* (HOLOTYPE: MA-29760, as photo F-29760). The basionym, *Sida sylvatica* Cav., is evidently not an *Abutilon* and is best treated as a sp. dub. (Fuertes and Fryxell, 1993b).

Abutilon sylvaticum sensu K. Schum. in Martius, Fl. Bras. 12(3):418 (1891). [= *Abutilon dianthum* C. Presl]. Schumann's description is discordant with the basionym of Cavanilles (see preceding entry).

Abutilon sylvaticum subsp. *buchtienii* R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. ser. 3, 24(4): 8 (1947).—TYPE: BOLIVIA. Cotaña at Illimani, *O.*

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Buchtien 3206 (HOLOTYPE: S). [= *Abutilon dianthum* C. Presl]

Abutilon sylvaticum subsp. *genuinum* R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. ser. 3, 24(4): 7 (1947), not validly published (Art. 24.3).—TYPE: BOLIVIA. LARECAJA: vic. Sorata, 2600 m, *E. Mandon 821* (HOLOTYPE: S).

Abutilon sylvaticum subsp. *klugii,* R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. ser. 3, 24(4): 8 (1947).—TYPE: PERU. SAN MARTÍN: Zepalacio near Moyobamba, *G. Klug 3749* (HOLOTYPE: S; ISOTYPES: CAS, F as photo F-56220, US). [= *Abutilon dianthum* C. Presl]

Abutilon tacuaremboense Arechav., Anales Mus. Nac. Montevid. (Fl. Urug. 1:) 3: 133 (1901).—TYPE: URUGUAY. TACUAREMBÓ: Tambores, *J. Arechavaleta s.n.* (HOLOTYPE: MVM?). [= *Abutilon malachroides* A. St.-Hil. & Naud.]

Abutilon taiwanense S. Y. Hu, Fl. China Fam 153, 32 (1955), as "taiwanensis."—TYPE: TAIWAN. Kurara, *J. L. Gressitt 462* (ISOTYPE: U). [= *Abutilon indicum* subsp. *guineënse* (Schumach.) Borss. Waalk., but treated as a distinct species by Hu (1955)]

Abutilon tehuantepecense Fryxell, Madroño 23: 326 (1976).—TYPE: MEXICO. OAXACA: Cerro de las Animas, *T. B. MacDougall H166* (HOLOTYPE: NY; ISOTYPES: F as photo F-56130, TEX).

Abutilon terminale (Cav.) A. St. Hil., Fl. Bras. Merid. 1: 203 (1827). Basionym: *Sida terminalis* Cav., Diss. 1: 29. t. 6. f. 6 (1785).—TYPE: URUGUAY. near Montevideo, *P. Commerson s.n.* (LECTOTYPE [here designated]: P as photo F-35465; ISOTYPE: MA-476291, p.p. Cf. Garilleti (1993, p. 138).

Abutilon terminale var. *islae-malae* Arechav., Anales Mus. Nac. Montevid. (Fl. Urug. 1:) 3: 135.—TYPE: URUGUAY. Isla Mala, *J. Arechavaleta? s.n.* (HOLOTYPE: MVM?).

Abutilon texense Torr. & A. Gray, Fl. N. Amer. 1: 231 (1838), as "texensis."—TYPE: U.S.A. TEXAS: between Brazoria and San Felipe, 1835, *T. Drummond 35* (ISOTYPES: BM, K-3, NY, OXF). [= *Abutilon fruticosum* Guillem. & Perr.]

Abutilon theophrasti Medik., Malvenfam. 28 (1787). Basionym: *Sida abutilon* L., Sp. Pl. 685 (1753).—TYPE: Hort. Cliff. (LECTOTYPE [Borssum Waalkes, 1966]: BM-herb. Cliff.).

Abutilon theophrasti var. *chinense* (Skvortzow) S. Y. Hu, Fl. China fam. 153: 32 (1955). Basionym: *Abutilon avicennae* var. *chinense* Skvortzow, Lingn. Sci. J. 6: 220 (1930), as "chinensis".—TYPE: CHINA. N. MANCHURIA (TYPE not further stated).

Abutilon theophrasti var. *nigrum* (Skvortzow) S. Y. Hu, Fl. China fam. 153: 32 (1955). Basionym: *Abutilon avicennae* forma *nigrum* Skvortzow, Lingn. Sci. J. 6: 220 (1930), as "nigra."—TYPE: CHINA. N. MANCHURIA (TYPE not further stated).

Abutilon thompsonii André, Rev. Hortic. Belge Etrangère 11: 7. t. 1 (1885).—TYPE: loc. cit., plate 1. [= *Abutilon striatum* Dicks. ex Lindl.]

Abutilon thurberi A. Gray, Mem. Amer. Acad. Arts n.s., 5 (Pl. Thurb.): 307 (1854).—TYPE: MEXICO. SONORA: Magdalena, *G. Thurber 911* (HOLOTYPE: GH; ISOTYPES: K, MO, NY). [= *Pseudabutilon thurberi* (A. Gray) Fryxell]

Abutilon thyrsodendron Griseb., Abh. Königl. Ges. Wiss. Göttingen (Symb. Fl. Argent.) 24: 48 (1879).—TYPE: ARGENTINA. ORAN: in sylvis subtropicis Tabaccal, *P. G. Lorentz and G. Hieronymus 521* (ISOTYPES: B as photo F-9295, UC).

Abutilon tiliifolium Sweet, Hort. Brit. ed. 1, 53 (1826), as "tiliaefolium."—TYPE: CHINA. (LECTOTYPE [here designated]: Jacq., Ecl. Pl. Rar. t. 35 (1812). [= *Abutilon theophrasti* Medik.]

Abutilon timoriense (DC.) G. Don, Gen. Hist. 1: 500 (1831). Basionym: *Sida timoriensis* DC., Prodr. 1: 468 (1824).—TYPE: TIMOR. *A. Riedlé s.n.* (HOLOTYPE: G-DC; ISOTYPE: P). [= *Abutilon persicum* (Burm. f.) Merr.]

Abutilon tiubae K. Schum. in Martius, Fl. Bras. 12(3): 381 (1891).—TYPE: BRAZIL. BAHIA: in monte Serra de Tiuba, *C. F. P. von Martius s.n.* (B as photo F-9296). [≡ *Herissantia tiubae* (K. Schum.) Monteiro]

Abutilon tiubae forma *annuum* Hassl., Trab. Mus. Farmacol. 21: 82 (1909).—TYPE: ARGENTINA/PARAGUAY (Pilcomayo): Orillas de los montes, *T. Rojas 353* (G?).

Abutilon tiubae var. *parviflorum* Hassl., Trab. Mus. Farmacol. 21: 82 (1909).—TYPE: not stated, but comprising f. *annuum* and f. *perrene.*

Abutilon tiubae forma *perenne* Hassl., Trab. Mus. Farmacol. 21: 82 (1909).—TYPE: ARGENTINA/PARAGUAY (Pilcomayo): Orillas de los riachos, *T. Rojas 282* (G?).

Abutilon tomentosum (Roxb.) Wight & Arn., Prodr. Fl. Ind. Orient. 56 (1834). Basionym: *Sida tomentosa* Roxb., Hort. Beng. 50 (1814), nom. nud.; Fl. Ind. 3: 178 (1832), nom. illegit. (Art. 53.1), non *Sida tomentosa* Cav., Descr. Pl. 164 (1802).—TYPE: Hort. Bot. Calcuttensis, 1852, *W. Roxburgh s.n.* (HOLOTYPE: K). [= *Abutilon pannosum* (G. Forst.) Schltdl.]

Abutilon tortuosum Guillem. & Perr., Fl. Seneg. Tent. 1: 68 (1831).—TYPE: SENEGAL. "in argillosis regni Walo prope la Senégalaise, Richard-Tol, etc.," *Rogers s.n.* (K, P-2). [= *Abutilon grandifolium* (Willd.) Sweet]

Abutilon trichodum A. Rich., Hist. Fis. Cuba, Bot 10: 155 (1845).—TYPE: CUBA. *R. de la Sagra s.n.* (HOLOTYPE: P-herb. Richard; ISOTYPE: K). [≡ *Herissantia trichoda* (A. Rich.) Fryxell]

Abutilon tridens Standl. & Steyerm., Publ. Field Mus.

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Nat. Hist., Bot. Ser. 23: 173 (1944).—TYPE: GUATEMALA. El Progresso, *J. A. Steyermark 43439* (LECTOTYPE [Fryxell 1988]: F-1132511; ISOLECTOTYPES: F-1132507, US).

Abutilon trilobatum Hemsl., Diagn. Pl. Nov. Mexic. 2: 24 (1879).—TYPE: MEXICO. SAN LUIS POTOSÍ: *C. C. Parry and E. Palmer 81* (HOLOTYPE: K; ISOTYPES: BM, GH, MO, NY, P, PH, US). [= *Allowissadula sessei* (Lag.) D. M. Bates]

Abutilon trinervisepalum Hochr., Annuaire Conserv. Jard. Bot. Genève 20: 69 (1917).—TYPE: MADAGASCAR. bords du Jabohazo, *H. Perrier de la Bâthie 1318* ("COTYPE": P) [= *Abutilon greveanum* (Baill.) Hochr.]

Abutilon triquetrum (L.) Sweet, Hort. Brit. ed. 1, 53 (1826). Basionym: *Sida triquetra* L., Sp. Pl. ed. 2, 962 (1763), nom. illegit. (Art. 52.1) ≡ *Sida trisulcata* Jacq. (1760). See *Abutilon trisulcatum* (Jacq.) Urb.

Abutilon triquetrum (L.) C. Presl, Reliq. Haenk. 2: 115 (1836), isonym without status (Art. 6.3). Basionym: *Sida triquetra* L. Sp. Pl. ed. 2, 962 (1763), nom. illegit. (Art. 52.1).

Abutilon trisulcatum (Jacq.) Urb., Repert. Nov. Spec. Regni Veg. 16: 32 (1919). Basionym: *Sida trisulcata* Jacq., Enum. Syst. Pl. 26 (1760).—TYPE: INSULA DOMINGO. *Jacquin s.n.* (specimen unknown).

Abutilon truncatum (Cav.) G. Don, Gen. Hist. 1: 503 (1831). Basionym: *Sida truncata* Cav., Diss. 1: 35. t .6. f. 7 (1785).—TYPE: Hort Paris ex Ins. Santo Domingo (MA-476296).

Abutilon tubulosum (Hook. f.) Walp., Ann. Bot. Syst. 2: 158 (1851). Basionym: *Sida tubulosa* A. Cunn. ex Hook. f. in Mitchell, Trop. Austral. 390 (1848).—TYPE: AUSTRALIA. NEW SOUTH WALES: Liverpool Plains, May 1824, *A. Cunningham 84* (HOLOTYPE: K).

Abutilon tubulosum var. *breviflorum* Benth., Fl. Austral. 1: 200 (1863).—TYPE: AUSTRALIA. Dawson River, *F. Mueller s.n.* (MEL?).

Abutilon tulla (Ulbr.) Krapov., Bonplandia 3: 43 (1969). Basionym: *Sida tulla* Ulbr., Notizbl. Bot. Gart. Berlin-Dahlem 11: 534 (1932).—TYPE: PERU. [CUZCO]: Santa Ana, *O. F. Cook and G. B. Gilbert 1505* (HOLOTYPE: US; ISOTYPE: CTES [fragment]). [≡ *Tetrasida tulla* (Ulbr.) Fuertes & Fryxell, comb. nov.]

Abutilon tultitlanapense Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 443 (1920).—TYPE: MEXICO. PUEBLA: San Luis Tultitlanapa, *C. A. Purpus 3254* (HOLOTYPE: NY; ISOTYPES: BM, F, MO, UC, US). [= *Abutilon dugesii* S. Watson]

Abutilon turumiquirense Steyerm., Fieldiana, Bot. 28(2): 363 (1952).—TYPE: VENEZUELA. SUCRE: Cerro de Turumiquire between La Trinidad and headwaters of Río de Amana, *J. A. Steyermark 62689* (HOLOTYPE: F as photo F-56126; ISOTYPES: CTES [fragment], NY).[≡ *Bastardiopsis turumiquirensis* (Steyerm.) Fuertes & Fryxell, comb. nov.]

Abutilon umbellatum (L.) Sweet, Hort. Brit. ed. 1, 1: 53 (1826). Basionym: *Sida umbellata* L., Syst. Nat. ed. 10, 1145 (1759).—TYPE: JAMAICA. *P. Browne s.n.* (HOLOTYPE: LINN-866.16). [≡ *Pseudabutilon umbellatum* (L.) Fryxell]

Abutilon umbellatum subsp. *glutinosum* R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. ser. 3, 24 (2): 5 (1947).—TYPE: CUBA. SANTA CLARA: María Antonia, at Río Banao, *E. L. Ekman 16223* (HOLOTYPE: S).

Abutilon "umbelliferum" (A. St.-Hil.) G. Don, Gen. Hist. 1: 501 (1831), orth. mut. Basionym: *Abutilon umbelliflorum* A. St.-Hil. (see following entry).

Abutilon umbelliflorum A. St.-Hil., Fl. Bras. Merid. 1: 204 (1827).—TYPE: BRAZIL. RIO GRANDE DO SUL: prope Estancia da Tronqueira, haud longe ad urbe Rio Pardo, *A. St.-Hilaire 2790* (HOLOTYPE: P; ISOTYPE: P as photo F-35466).

Abutilon umbelliflorum subsp. *occidentale* R. E. Fr., Kongl. Svenska Vetenskapsakad. Handl. ser. 3, 24 (2): 4 (1947).—TYPE: ARGENTINA. SALTA: Dep. Candelaria, Sierra de la Candelaria, *S. Venturi 9601* (HOLOTYPE: S; ISOTYPES: CAS, US). [= *Abutilon umbelliflorum* A. St.-Hil.]

Abutilon umtaliense Baker f., J. Bot. 74: 194 (1936).—TYPE: S. RHODESIA. Odzani River Valley, Umtali, *A. J. Teague 385* (HOLOTYPE: K; ISOTYPES: BM, BOL, SRGH). [= *Abutilon sonneratianum* (Cav.) Sweet]

Abutilon "uratocarpum" Walp., Repert. Syst. Bot. 1: 324 (1842), sphalm. "ceratocarpum." Basionym: *Sida ceratocarpa* Hook. & Arn. In Hook. Bot. Misc. 3: 154 (1833). [≡ *Corynabutilon ceratocarpum* (Hook. & Arn.) Kearney]

Abutilon usambarense K. Schum. ex Engl., Abh. Königl. Akad. Wiss. Berlin 1894: 65 (1894), nom. nud.—Based on: Usambara, *C. H. E. W. Holst 8921a* (P-2).

Abutilon velutinum G. Don, Gen. Hist. 1: 504 (1831).—TYPE: GUINEA. specimen unknown (HOLOTYPE: BM?).

Abutilon velutinum A. Gray, Gen. Fl. Amer. Bor. Ill. 2: 67. t. 125 (1849), nom. illegit. (Art. 53.1), non *Abutilon velutinum* G. Don (1831).—TYPE: U.S.A. TEXAS: 4 Jul 1849, *C. Wright 595* [*53*] (HOLOTYPE: GH; ISOTYPES: BM, K). [= *Allowissadula holosericea* (Scheele) D. M. Bates]

Abutilon venosum Lem., Hort. Universal Misc. 1844 (1845); ex Fl. Serres Jard. Eur. 2(3): t. 5 (1846).—TYPE: loc. cit. plate 5. [= *Abutilon striatum* Dicks. ex Lindl.]

Abutilon venosum var. *brevicalyx* K. Schum. in Martius, Fl. Bras. 12(3): 431 (1891).—TYPE: BRAZIL. RIO DE JANEIRO: São Christovão, 16 Mar 1887,

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A. F. M. Glaziou 14504 (LECTOTYPE [here designated]: P; ISOLECTOTYPES: C-2, P).

Abutilon venosum var. *lanatum* K. Schum. in Martius, Fl. Bras. 12(3): 431 (1891).—TYPE: BRAZIL. without precise locality, *F. A. Mendonça 1050* (specimen not located).

Abutilon verbascoides Turcz., Bull. Soc. Imp. Naturalistes Moscou 31: 203 (1858).—TYPE: VENEZUELA. CARACAS: prope Tabacal, *N. Funck* [as "Galeotti"] *460* (LECTOTYPE [here designated]: P). [= *Wissadula contracta* (Link) R. E. Fr., q.v.] Cf. Fryxell and Krapovickas (1990).

Abutilon vesicarium (Cav.) Sweet, Hort. Brit. ed. 1, 54 (1826). Basionym: *Sida vesicaria* Cav., Diss. 2: 55. t. 14. f. 3 (1786).—TYPE: Hort Yssy [cult.] ex MEXICO, *s. coll. s.n.* (LECTOTYPE [here designated]: MA-476298 [cf. Garilleti 1993: 140]; ISOTYPES: G-herb. Moricand as photo F-23776, P-JU no. 12322). [= *Abutilon indicum* (L.) Sweet fide Ulbrich (1913)]

Abutilon vexillarium E. Morren, Belgique Hortic. 14: 289. t. 16 (1864).—TYPE: loc. cit., plate 16 (HOLOTYPE).

Abutilon vidalii (Phil.) Speg., Revista Fac. Agron. Univ. La Plata 3: 499 (1897), as "vidali."—TYPE: unknown. [≡ *Cristaria vidalii* Phil., Anales Univ. Chile 82: 306 (1892), as "vidali"]

Abutilon virens A. St.-Hil. & Naud., Ann. Sci. Nat. Bot. sér. 2, 18: 48 (1842).—TYPE: BRAZIL. MINAS GERAIS: *P. Claussen 122* (G-DEL, P). [= *Bakeridesia purpurascens* (Link) Monteiro] Note: St.-Hilaire & Naudin state: "—Sida rosea: Link & Otto, Ic. select. t.32?—Hook. Bot. Mag. 3150?"

Abutilon virgatum (Cav.) Sweet, Hort. Brit. ed. 1, 53 (1826). Basionym: *Sida virgata* Cav., Icon. 1: 53. t. 73 (1791).—TYPE: in Hort. Bot. Madrid ex PERU. (HOLOTYPE: MA-476302 [cf. Garilleti, 1993, p. 141]; ISOTYPES: CTES [fragment], G? as photo F-8000, K, P as photo F-35549). [≡ *Pseudabutilon virgatum* (Cav.) Fryxell]

Abutilon virgatum var. *paraguariense* Hassl., Addenda Pl. Hassl. 16 (1917), nom. nud.

Abutilon virgatum var. *tomentosum* K. Schum. in Martius, Fl. Bras. 12 (3): 391 (1891).—TYPE: BRAZIL. BAHIA: Jacobina, *J. S. Blanchet 3893* (LECTOTYPE [here designated]: P).

Abutilon virginale Hort. Damm. ex Regel, Gartenfl. 74 (1891).—TYPE: unknown.

Abutilon virginianum Krapov., Bonplandia 3: 44 (1969), nom. nov. Basionym: *Sida eggersii* Baker f., J. Bot. 30: 139 (1892), non *Abutilon eggersii* Baker f. (1893).—TYPE: VIRGIN ISLANDS. TORTOLA: Coxhead Hill, *H. F. A. von Eggers 3183* (ISOTYPE: US). [≡ *Bastardiopsis eggersii* (Baker f.) Fuertes & Fryxell]

Abutilon viride Phil., Anales Univ. Chile 82: 323 (1893).—TYPE: CHILE. CALCHAGUA: Talcaregue, *R. A. Philippi s.n.* (HOLOTYPE: SGO-51969). [≡ *Corynabutilon viride* (Phil.) A. Marticorena, q.v.]

Abutilon vitifolium (Cav.) G. Don, Gen. Hist. 1: 504 (1831). Basionym: *Sida vitifolia* Cav., Icon. 5: 12. t. 420 (1799). —TYPE: CHILE. prope arroyo agua inter Almendrál et fundum vulgo Viña, *L. Née 824* (HOLOTYPE: MA-29761). [≡ *Corynabutilon vitifolium* (Cav.) Kearney]

Abutilon vitifolium (Cav.) C. Presl, Reliq. Haenk. 2: 116 (1835), isonym without status (Art. 6.3). See preceding entry.

Abutilon vulcanicola Standl., J. Washington Acad. Sci. 14: 238 (1924).—TYPE: EL SALVADOR. *P. C. Standley 21514* (HOLOTYPE: US; ISOTYPES: GH, NY). [≡ *Bakeridesia vulcanicola* (Standl.) D. M. Bates]

Abutilon wagenerianum Regel, Cat. Pl. Hort. Aksakov. 1 (1860), nom. nud.

Abutilon webbianum Mattei, Boll. Ort. Bot. Palermo n.s., 1: 96 (1915).—TYPE: SOMALILAND. s. loc., *Mangano s.n.* (SYNTYPE; FI). Ethiopia. In Fazoglide, Nov-Dec, *A. Figari s.n.* (SYNTYPE: FI).

Abutilon weberbaueri Ulbr., Bot. Jahrb. Syst. 54. (Beibl. 117): 53 (1916).—TYPE: PERU. Ayacucho: prov. Parincochas, *A. Weberbauer 5815* (ISOTYPES: F as photo F-56125, GH, US). [= *Bastardia bivalvis* (Cav.) H.B.K.] Note: The GH specimen cited bears the correct collection number but a different locality than stated in the protologue.

Abutilon whistleri Fosberg, Smithsonian Contr. Bot. 47: 10 (1981).—TYPE: SAMOA. Savai'i Island, above Alailua, 1300–1400 m, *E. Christophersen 2677* (HOLOTYPE: BISH; ISOTYPES: NY, US).

Abutilon wissadifolium Griseb., Abh. Königl. Ges. Wiss. Göttingen (Symb. Fl. Argent.) 24: 47 (1879).—TYPE: ARGENTINA. SALTA: ad Juramento; Oran: Gran Chaco, *P. G. Lorentz and G. Hieronymus 293* (LECTOTYPE [Krapovickas 1983]: GOET; ISOTYPES: B as photo F-9300, CORD, UC).] [≡ *Wissadula grisebachii* R. E. Fr.]

Abutilon wissaduloides Baker f. in Rose, Contr. U.S. Natl. Herb. 3: 312 (1895).—TYPE: MEXICO. SINALOA: Ymalá, Sep-Oct 1891, *E. Palmer 1720* (HOLOTYPE: BM; ISOTYPES: C-2, F, GH, NY, US-fragment). [≡ *Bastardiastrum wissaduloides* (Rose) D. M. Bates]

Abutilon wituense Baker f., J. Bot. 74: 193 (1936).—TYPE: Trop. EAST AFRICA. Witu, *F. Thomas 10* (HOLOTYPE: BM).

Abutilon woronowii Ulbr., Notizbl. Bot. Gart. Berlin-Dahlem 11: 520 (1932).—TYPE: VENEZUELA. Colonia Tovar, *G. J. N. Woronow 7480* (LE?). [= *Abutilon dianthum* C. Presl]

Abutilon wrightii A. Gray, Boston J. Nat. Hist. 6: 162 (1850).—TYPE: U.S.A. TEXAS: Maverick County, Río Seco, *C. Wright 594* [*54*] (HOLOTYPE: GH; ISOTYPES: BM, K, MO, NY, OXF, PH, UC, US).

Abutilon xanti A. Gray, Proc. Amer. Acad. Arts 22:

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301 (1887).—TYPE: MEXICO. BAJA CALIFORNIA SUR: Cape San Lucas, *J. Xantus 9* (HOLOTYPE: GH; ISOTYPES: NY, US).

Abutilon yucatanum Standl., Contr. U.S. Natl. Herb. 23: 751 (1923).—TYPE: MEXICO. QUINTANA ROO: La Vega, *E. A. Goldman 634* (HOLOTYPE: US). [≡ *Bakeridesia yucatana* (Standl.) D. M. Bates]

Abutilon zanzibaricum Bojer ex Mast. in Oliv., Fl. Trop. Afr. 1: 186 (1868).—TYPE: [four collections cited (none by Bojer): NIGER, *Barton*; CONGO, *Burton*; ZAMBESI, *J. Kirk*; ZANZIBAR, *L. Bouton*; —lectotypification needed.] [= *Abutilon mauritianum* (Jacq.) Medik. pro parte, fide Exell (1961).]

Abutilothamnus grewiifolius Ulbr., Notizbl. Bot. Gart. Berlin-Dahlem 6: 316 (1915). See: *Abutilon grewiifolium*

Akrosida macrophylla (Ulbr.) Fryxell & Fuertes, Brittonia 44: 442 (1992). See: *Abutilon claussenii*

Allowissadula floribunda (Schltdl.) Fryxell, Brittonia 32: 265 (1980). See *Abutilon floribundum*

Allowissadula holosericea (Scheele) D. M. Bates, Gentes Herb. 11: 3450 (1978). See *Abutilon holosericeum*

Allowissadula racemosa (Schltdl.) Fryxell, Brittonia 32: 266 (1980). See *Abutilon racemosum*

Allowissadula sessei (Lag.) Bates, Gentes Herb. 11: 343 (1978). See *Abutilon trilobatum*

Anoda hirsuta Phil., Linnaea 28: 675 (1856). See *Abutilon hirsutum*

Anoda ochsenii Phil., Linnaea 28: 613 (1856). See *Abutilon ochsenii*

Bakeridesia bakeriana (Rose) D. M. Bates, Gentes Herb. 10:473 (1973). See *Abutilon bakerianum*

Bakeridesia ferruginea (T. Martyn in Mill.) Krapov., Bol. Soc. Argent. Bot. 7: 37 (1957). See *Abutilon galeottii, A. macranthum, A. peyritschii, A. paniflorum*

Bakeridesia gaumeri (Standl.) D. M. Bates, Gentes Herb. 10: 480 (1973). See *Abutilon gaumeri*

Bakeridesia integerrima (Hook. f.) D. M. Bates, Gentes Herb. 10: 467 (1973). See *Abutilon integerrimum*

Bakeridesia lanata (Miq.) Leite & Monteiro, Anais Soc. Bot. Brasil 5: 431 (1956). See *Abutilon lanatum*

Bakeridesia macrantha (A. St.-Hil.) Leite & Monteiro, Anais Soc. Bot. Brasil 5: 432 (1956). See *Abutilon macranthum*

Bakeridesia nelsonii (Rose) D. M. Bates, Gentes Herb. 10:455 (1973). See *Abutilon nelsonii*

Bakeridesia notolophium (A. Gray) Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 419 (1920). See *Abutilon discolor, A. goldmanii, A. notolophium*

Bakeridesia pittieri (Donn. Sm.) D. M. Bates, Gentes Herb. 10: 478 (1973). See *Abutilon pittieri*

Bakeridesia purpurascens (Link) Monteiro, Anais Soc. Bot. Brasil 5: 436 (1956). See *Abutilon esculentum, A. purpurascens, A. virens*

Bakeridesia rufinervis (A. St.-Hil.) Monteiro, Anais Soc. Bot. Brasil 5: 433 (1956). See *Abutilon rufinerve*

Bakeridesia rufinervis var. *latifolia* (A. St.-Hil. & Naud.) Monteiro, Anais Soc. Bot. Brasil 5: 434 (1956). See *Abutilon rufinerve* var. *latifolium*

Bakeridesia rufivela Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 419 (1920). See *Abutilon rufivelum*

Bakeridesia scabrida (K. Schum.) Kearney ex Fryxell, comb. nov. See *Abutilon scabridum*

Bakeridesia sellowiana (Klotsch) Monteiro, Anais Soc. Bot. Brasil 5: 437 (1956). See *Abutilon sellowianum*

Bakeridesia senilis (K. Schum.) Hochr., Annuaire Conserv. Jard. Bot. Genève 21: 421 (1921). See *Abutilon quinquelobum, A. senile*

Bakeridesia vulcanicola (Standl.) D. M. Bates, Gentes Herb. 10: 457 (1973). See *Abutilon vulcanicola*

Bakeridesia yucatana (Standl.) Bates, Gentes Herb. 10: 452 (1973). See *Abutilon yucatanum*

Bastardia angulata Guillem. & Perr., Fl. Seneg. Tent. 1: 65 (1831). See *Abutilon angulatum*

Bastardia bivalvis (Cav.) H.B.K., Nov. Gen. Sp. 5: 255 [fol. ed. p. 198] (1822). See *Abutilon erosum, A. weberbaueri*

Bastardia macrophylla Ulbr., Notizbl. Bot. Gart. Berlin-Dahlem 6: 324 (1915). See *Abutilon claussenii*

Bastardia viscosa (L.) H.B.K., Nov. Gen. Sp. 5: 256 [fol. ed. p. 199] (1822). See *Abutilon circinnatum, A. foetidum*

Bastardiastrum cinctum (Brandegee) D. M. Bates, Gentes Herb. 11: 324 (1978). See *Abutilon cinctum*

Bastardiastrum wissaduloides (Baker f.) D. M. Bates, Gentes Herb. 11: 320 (1978). See *Abutilon wissaduloides*

Bastardiopsis densiflora (Hook. & Arn.) Hassl., Fedde Repert. Nov. Sp. Regni Veget. 8: 40. 1910. See *Abutilon densiflorum*

Bastardiopsis eggersii (Baker f.) Fuertes & Fryxell in P. Acevedo, Flora of St. John 310 (1996). See *Abutilon virginianum*

Bastardiopsis grewiifolia (Ulbr.) Fuertes & Fryxell, comb. nov. See *Abutilon grewiifolium*

Bastardiopsis myriantha (Planch. & Linden) Fuertes & Fryxell, Fl. Ecuad. 44: 30 (1992). See *Abutilon myrianthum*

Bastardiopsis turumiquirensis (Steyerm.) Fuertes & Fryxell, comb. nov. See *Abutilon turumiquirense*

Briquetia spicata (H.B.K.) Fryxell, Brittonia 28: 321(1976). See *Abutilon spicatum*

Corynabutilon bicolor (Phil. Ex K. Schum.) Kearney, Leafl. W. Bot. 5: 190 (1949). See *Abutilon bicolor*

Corynabutilon ceratocarpum (Hook. & Arn.) Kearney, Leafl. W. Bot. 5: 190 (1949). See *Abutilon ceratocarpum, A.* "uratocarpum"

Corynabutilon ochsenii (Phil.) Kearney, Leafl. W. Bot. 5: 190 (1949). See *Abutilon ochsenii, A.* ×*suntense*

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Corynabutilon salicifolium (Reiche) Krapov., Bonplandia (Corrientes): 3(2): 22 (1969). See *Abutilon salicifolium*

Corynabutilon × *suntense* (Brickell) Fryxell, comb. nov. See *Abutilon* × *suntense*

Corynabutilon viride (Phil.) A. Marticorena, Novon 11: 195 (2001). See *Abutilon viride*

Corynabutilon vitifolium (Cav.) Kearney, Leafl. W. Bot. 5: 190 (1949). See *Abutilon garckei, A.* ×*suntense, A. vitifolium*

Cristaria vidalii Phil., Anal. Univ. Chile 82: 307 (1893). See *Abutilon vidalii*

Dendrosida oxypetala (Planch. & Linden) Fryxell, Syst. Bot. 11: 277 (1985). See *Abutilon oxypetalum*

Gaya aurea A. St.-Hil., Fl. Bras. Mer. 1: 193. t. 38 (1828). See *Abutilon aureum*

Gaya monosperma (K. Schum.) Krapov., Bonplandia 9: 61 (1996). See *Abutilon monospermum*

Gaya occidentalis (L.) Sweet, Hort. Brit. ed. 2, 64 (1830). See *Abutilon cubanum, A. deflexum, A. occidentale*

Gayoides crispum (L.) Small, Fl. SE U.S. 764 (1903). See *Abutilon* sect. *Gayoides*

Gynatrix pulchella (Willd.) Alef., Österr. Bot. Zeitschr. 12: 35 (1862). See *Abutilon pulchellum*

Herissantia crispa (L.) Brizicky, J. Arnold Arbor. 49: 279 (1968). See *Abutilon crispum*

Herissantia tiubae (K. Schum.) Brizicky, Bol. Soc. Port. Cienc. Naturais, ser. 2, 5: 130 (1955). See *Abutilon tiubae*

Herissantia trichoda (A. Rich.) Fryxell, J. Arnold Arbor. 60: 316 (1979). See *Abutilon trichodum*

Hibiscus lavaterioides Moric. ex Seringe, Bull. Bot. 6: 174 (1830). See *Abutilon marmoratum*

Hibiscus marmoratus Lem., Illustr. Hort. 3: t.82 (1856). See *Abutilon marmoratum*

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Abutilon contractum (Link) Sweet. (Basionym: *Sida contracta* Link.)

Abutilon incanum (Link) Sweet. (Basionym: *Sida incana* Link)

Index of Names Lectotypified Herein

Abutilon sect. *Beloere* Griseb.

Abutilon sect. *Muticum* C. Presl

Abutilon sect. *Polycarpae* (DC.) G. Don. (Basionym: *Sida* [sect.] *Policarpae* DC.)

Abutilon angulatum (Guillem. & Perr.) Mast. (Basionym: *Bastardia angulata* Guillem. & Perr.)

Abutilon angulatum var. *macrophyllum* (Baker f.) Hochr.

Abutilon balansae (Hassl.) Hassl. (Basionym: *Wissadula balansae* Hassl., non Baker f.)

Abutilon bedfordianum (Hook.) A. St.-Hil. & Naud. (Basionym: Sida *bedfordiana* Hook.)

Abutilon bedfordianum subsp. *concolor* (K. Schum.) R. E. Fr.

Abutilon bedfordianum var. *concolor* K. Schum.

Abutilon bedfordianum subsp. *discolor* (K. Schum.) R. E. Fr.

Abutilon bedfordianum var. *discolor* K. Schum.

Abutilon bedfordianum var. *tomentellum* R. E. Fr.

Abutilon carneum A. St.-Hil.

Abutilon commutatum K. Schum.

Abutilon cornutum Dalz. ex T. Cooke

Abutilon crassifolium (L'Hér.) G. Don. (Basionym: *Sida crassifoilia* L'Hér.)

Abutilon cunninghamii Benth.

Abutilon dinteri Ulbr.

Abutilon discissum (Bertol.) Schltdl. (Basionym: *Sida discissa* Bertol.)

Abutilon elaeocarpoides Webb

Abutilon esculentum A. St.-Hil.

Abutilon eximium Linden & Planch.

Abutilon figarianum Webb

Abutilon fluviatile (Vell.) K. Schum.

Abutilon fraseri var. *parviflorum* Benth.

Abutilon fruticosum Guillem. & Perr.

Abutilon goudotianum Triana & Planch.

Abutilon gymnanthemum Griseb.

Abutilon holosericeum Scheele

Abutilon inaequale (Link & Otto) K. Schum. (Basionym: *Sida inaequalis* Link & Otto)

Abutilon insigne Planch.

Abutilon itatiaiae R. E. Fr.

Abutilon jujuiense Hassl.

Abutilon kotschyi Hochst.

Abutilon lilloi Hassl.

Abutilon lineatum (Vell.) K. Schum. (Basionym: *Sida lineata* Vell.)

Abutilon longicuspe Hochst.

Abutilon longifolium K. Schum.

Abutilon macropodum Guillem. & Perr.

Abutilon malmeanum R. E. Fr.

Abutilon mauritianum (Jacq.) Medik. (Basionym: *Sida mauritiana* Jacq.)

Abutilon melanocarpum A. St.-Hil. & Naud.

Abutilon micropetalum R. Brown

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Abutilon montanum A. St.-Hil.
Abutilon mouraei K. Schum.
Abutilon neovidense K. Schum.
Abutilon neurocarpum Miq.
Abutilon oxycarpum (F. Muell.) F. Muell. (Basionym: *Sida oxycarpa* F. Muell.)
Abutilon pachecoanum Standl. & Steyerm.
Abutilon paniculatum Hand.-Mazz.
Abutilon parishii S. Watson
Abutilon patens A. St.-Hil.
Abutilon pedrae-brancae K. Schum.
Abutilon periplocifolium var. *caribaeum* (DC.) G. Don. (Basionym: *Sida periplociolia* var. *caribaea* DC.)
Abutilon periplocifolium var. *zeylanicum* (DC.) G. Don. (Basionym: *Sida periplocifolia* var. *zeylanica* DC.)
Abutilon pictum (Gillies ex Hook. & Arn.) Walp. (Basionym: *Sida picta* Gillies ex Hook. & Arn.)
Abutilon pilosum (Vell.) K. Schum. (Basionym: *Sida pilosa* Vell., non Moench)
Abutilon pulchrum (Colla) G. Don. (Basionym: *Sida pulchra* Colla)
Abutilon pyramidale Turcz.
Abutilon ramosum var. *sparmannioides* (Guillem. & Perr.) Hochr. (Basionym: *Abutilon sparmannioides* Guillem. & Perr.)
Abutilon regnellii Miq.
Abutilon rehmannii Baker f.
Abutilon salmoneum Ulbr.
Abutilon saltense Hassl.
Abutilon schenckii K. Schum.
Abutilon sparmannioides Guillem. & Perr.
Abutilon sundaicum (Blume) G. Don (Basionym: *Sida sundaica* Blume)
Abutilon terminale (Cav.) A. St.-Hil. (Basionym: *Sida terminalis* Cav.)
Abutilon tiliifolium Sweet
Abutilon venosum var. *brevicalyx* K. Schum.
Abutilon verbascoides Turcz.
Abutilon vesicarium (Cav.) Sweet. (Basionym: *Sida vesicaria* Cav.)
Abutilon virgatum var. *tomentosum* K. Schum.

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