SYSTEMATICS
CHAPTER 29

The World List of Cycads

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Abstract

The authors present an update of the World List of Cycads. This is a list of the valid names of all extant cycads, together with details of their countries of occurrence, the primary publication references, herbarium localities for the types, and details of their conservation status. A list of synonyms is also provided for each genus. The number of species on the current list is as follows: *Bowenia* (2), *Ceratozamia* (27), *Cycas* (107), *Dioon* (14), *Encephalartos* (65), *Lepidozamia* (2), *Macrozamia* (41), *Microcycas* (1), *Stangeria* (1), and *Zamia* (71), giving a total of 331 species.

Resumen

Los autores presentan una actualización de la Lista Mundial de las Cícadas. Ésta consiste de una lista de los nombres válidos de todas las cícadas vivientes, con detalles de los países de procedencia, de las citas bibliográficas originales, ubicación de los herbarios para los tipos, y detalles de su estado de conservación. También se presenta una lista de sinonimia

para cada género. El número de las especies en la lista actual es el siguiente: *Bowenia* (2), *Ceratozamia* (27), *Cycas* (107), *Dioon* (14), *Encephalartos* (65), *Lepidozamia* (2), *Macrozamia* (41), *Microcycas* (1), *Stangeria* (1), y *Zamia* (71), lo cual suma 331 especies.

Introduction

The first World List of Cycads was published in *Encephalartos* (Journal of the Cycad Society of South Africa) (Osborne & Hendricks, 1985) with minor amendments in a supplementary list in a subsequent issue of the same journal (Osborne & Hendricks, 1986). A number of succesive updates followed as changes in taxonomy and outlook made the previous lists obsolete. These have been presented at the various International Conferences on Cycad Biology (Stevenson et al., 1990, 1995; Stevenson & Osborne, 1993a; Osborne et al., 1999; Hill et al., 2004a, 2004c, 2007) and elsewhere (Stevenson & Osborne, 1993b; Hill et al., 2004b).

The list that follows provides the valid names (column 1) of all known extant cycads at the time of final editing of this text (March 2012). Compilation is alphabetical by genus/species, and authors' names are abbreviated in accordance with Brummitt & Powell (1992) and the International Plant Names Index (2012). The type species for each genus is indicated by an asterisk. Column 2 gives details of the countries of appearance (states, provinces, departments, or districts in parenthesis), and "?" indicates probable occurrence but not validated by any voucher. Dates (column 3) refer to the year of publication of the name. Publication titles (column 4) are abbreviated in accordance with *BPH-2: Periodicals with Botanical Content* (Bridson et al., 2004) and *Taxonomic Literature*, ed. 2 (TL2) (Stafleu & Cowan, 1976–1988; with supplements 1–6 by Stafleu & Mennega, 1992–2000) except in cases where TL2 provides the same abbreviations for different works. In such cases, publications are abbreviated as listed in the International Plant Names Index (2012). Column 5 gives details of the nature and herbarium locality of the type. The following abbreviations are used: H = holotype, I = isotype, L = lectotype, N = neotype, SYN = syntype, and BAS = under basionym. Abbreviations for herbaria follow those of *Index Herbariorum* (Holmgren et al., 1990; Theirs, 2009). The final column (column 6) gives the threatened status as listed in the current IUCN Red List of Threatened Species (2011). Where the taxon is not present in that list, the proposed status given by the species authors or other authoritative sources is indicated in square brackets.

We use the following Red List abbreviations: EW = extinct in the wild, CR = critically endangered, EN = endangered, VU = vulnerable, NT = near threatened, LC = least concern, and DD = data deficient. After each genus we give a partial list of synonyms, nomina dubia, and illegitimate names.

Significant changes made since the previous version of this list (Hill et al., 2007) include the addition of several new species, additions to the lists of synonyms, and changes to types. Further locality details have been added to the areas of occurrence, and the levels of threat have been updated. Following Lindström (2009) the two species in the genus *Chigua* D.W. Stev. have been reassigned to *Zamia* L. as the single entity *Z. restrepoi* (D.W. Stev.). The total number of validly-published species in our list, not including synonyms, species dubia. or taxa below specific rank, now stands at 331.

The World List

Taxon	Location	Date	Original Source	Type	Status
BOWENIA Hook. ex Hook.*f.* (2 species: Australia)		1863	*Curtis's Bot. Mag.* 89: sub t. 5398		
B. serrulata (W.Bull) Chamb.	Australia (Qld)	1912	*Bot. Gaz.* 54: 419	L—t. 5	LC
⋆*B. spectabilis* Hook. ex Hook. *f.*	Australia (Qld)	1863	*Curtis's Bot. Mag.* 89: sub t. 5398	L—t. 5398	LC
Synonyms and other names:					
B. spectabilis var. *serrata* F.M.Bailey	= *B. serrulata*	1883	*Queensl. Fl.* p. 501	I—K	
B. spectabilis var. *serrulata* W.Bull	= *B. serrulata*	1878	*Retail List [Bull]* No. 143: 4, t. 5	L—t. 5	
CERATOZAMIA Brongn. (27 species: Belize, Guatemala, Honduras, Mexico)		1846	*Ann. Sci. Nat., Bot.* ser. 3, 5: 7–9, t. 1		
C. alvarezii Pérez-Farr., Vovides & Iglesias	Mexico (Chiapas)	1999	*Novon* 9(3) 410–413, fig. 1	H—CHIP	EN
C. becerrae Pérez-Farr., Vovides & Schutzman	Mexico (Chiapas, Tabasco)	2004	*Bot. J. Linn. Soc.* 146(1): 123–128, figs. 1–7	H—XAL	EN
C. brevifrons Miq.	Mexico (Veracruz)	1847	*Tijdschr. Wis-Natuurk. Wetensch. Eerste Kl. Kon. Ned. Inst. Wetensch.* 1: 41–42	?	[DD]
C. chimalapensis Pérez-Farr. & Vovides	Mexico (Oaxaca)	2008	*Bot. J. Linn. Soc* 157(2): 169–175, figs. 1–4	H—HEM	[CR]
C. decumbens Vovides, Avendaño, Pérez-Farr. & Gonz.-Astorga	Mexico (Veracruz)	2008	*Novon* 18(1): 109–114, fig. 1	H—XAL	[CR]
C. euryphyllidia Vázq.Torres, Sabato & D.W.Stev.	Mexico (Oaxaca, Veracruz)	1986	*Brittonia* 38(1): 17–26, figs. 1–5	H—NY	CR
C. fuscoviridis Moore	Mexico (Hidalgo)	1878	*Proc. Royal Dublin Soc.* 113 (ser 2) 2: 112–114	H—K	CR
C. hildae G.P.Landry & M.C.Wilson	Mexico (Querétaro, San Luis Potosí)	1979	*Brittonia* 31(3): 422–424, fig. 1	H—GH	EN
C. hondurensis J.L.Haynes, Whitelock, Schutzman & R.S.Adams	Honduras (Atlántida)	2008	*Cycad Newslett.* 31 (2–3): 16–21, figs. 1–2	H—EAP	[CR]
C. huastecorum Avendaño, Vovides & Cast.-Campos	Mexico (Veracruz)	2003	*Bot. J. Linn. Soc.* 141(3): 395–398, figs. 1–2	H—XAL	CR
C. kuesteriana Regel	Mexico (Tamaulipas)	1857	*Bull. Soc. Imp. Naturalistes Moscou* 30: 187–188, t. 3, fig. 6; t. 4, fig. 22	H—LE	CR
C. latifolia Miq.	Mexico (Hidalgo, Querétaro, San Luis Potosí, Veracruz)	1848	*Tijdschr. Wis-Natuurk. Wetensch. Eerste Kl. Kon. Ned. Inst. Wetensch.* 1(4): 197–208	N—NY	EN

Taxon	Location	Date	Original Source	Type	Status
C. matudae Lundell	Guatemala (Huehuetenango, San Marcos), Mexico (Chiapas)	1939	*Lloydia* 2(2): 75–76	H—MICH	EN
★*C. mexicana* Brongn.	Mexico (?Puebla, Veracruz)	1846	*Ann. Sci. Nat., Bot.* ser. 3, 5: 7–8, t. 1	H—P	VU
C. microstrobila Vovides & J.D.Rees	Mexico (San Luis Potosí)	1983	*Madroño* 30(1): 39–42	H—XAL	VU
C. miqueliana H.Wendl.	Mexico (Chiapas, Tabasco, Veracruz)	1854	*Index Palm.*: 68	N—NY	VU
C. mirandae Vovides, Pérez-Farr. & Iglesias	Mexico (Chiapas)	2001	*Bot. J. Linn. Soc.* 137(1): 81–85, fig. 1–2 (as *C. mirandai*)	H—CHIP	EN
C. mixeorum Chemnick, T.J.Greg. & Salas-Mor.	Mexico (Oaxaca)	1998	*Phytologia* 83(1): 47–52 (1997 publ. 1998)	L—XAL	EN
C. morettii Vázq.Torres & Vovides	Mexico (Veracruz)	1998	*Novon* 8(1): 87–90, fig. 1	H— CIB	EN
C. norstogii D.W.Stev.	Mexico (Chiapas, Oaxaca)	1982	*Brittonia* 34(2): 181–184, figs. 1–2	H—NY	EN
C. robusta Miq.	Belize (Cayo, Stann Creek, Toledo), Guatemala (Alta Verapaz, Petén, Quiché, Huehuetenango, Izabal), Mexico (Chiapas, Oaxaca, Veracruz)	1847	*Tijdschr. Wis-Natuurk. Wetensch. Eerste Kl. Kon. Ned. Inst. Wetensch.* 1(1): 42–43	N—NY	EN
C. sabatoi Vovides, Vázq.Torres, Schutzman & Iglesias	Mexico (Hidalgo, Querétaro)	1993	*Novon* 3(4): 502–504, fig. 1	H—XAL	EN
C. santillanii Pérez-Farr. & Vovides	Mexico (Chiapas)	2009	*Syst. Biodivers.* 7(4): 433–443, figs. 3, 7	H—HEM	[CR]
C. vovidesii Pérez-Farr. & Iglesias	Mexico (Chiapas)	2007	*Bot. J. Linn. Soc.* 153(4): 393–400, figs. 1–6	H—HEM	VU
C. whitelockiana Chemnick & T.J.Greg.	Mexico (Oaxaca)	1996	*Phytologia* 79(1): 51–57 (1995 publ. 1996)	H—HNT	EN
C. zaragozae Medellín-Leal	Mexico (San Luis Potosí)	1963	*Brittonia* 15: 175–176, figs. 1–4	H—SLPM	CR
C. zoquorum Pérez-Farr., Vovides & Iglesias	Mexico (Chiapas)	2001	*Bot. J. Linn. Soc.* 137(1): 77–80, fig.1	H—CHIP	CR
Synonyms and other names:					
C. boliviana Brongn.	= *Zamia boliviana*	1846	*Ann. Sci. Nat., Bot.* ser. 3, 5: 9	L—P	
C. intermedia Miq.	= *C. mexicana*	1847	*Tijdschr. Wis-Natuurk. Wetensch. Eerste Kl. Kon. Ned. Inst. Wetensch.* 1(1): 40–41	?	
C. katzeriana Regel	= *Zamia katzeriana*	1876	*Trudy Imp. S.-Peterburgsk. Bot. Sada* 4(4): 298	L—LE	
C. longifolia Miq.	= *C. mexicana*	1847	*Tijdschr. Wis-Natuurk. Wetensch. Eerste Kl. Kon. Ned. Inst. Wetensch.* 1(1): 40	?	
C. mexicana var. *tenuis* Dyer	= *C. vovidesii*	1884	*Biol. Cent.-Amer.,Bot.* 3: 193	H—K	
DIPSACOZAMIA Lehm.	= *CERATOZAMIA*	1846	*Ann. Sci. Nat., Bot.,* ser. 3, 5: 7–9, tab. 1.	H—C	

CYCAS L. (107 species: Africa, Asia, Australia, Indian & SW Pacific Ocean countries)		1753	*Sp. Pl.* 2: 1188.		
C. aculeata K.D.Hill & T.H.Nguyên	Vietnam (Da Nang)	2004	*Bot. Rev.* 70(2): 149–150, fig. 2	H—HN	VU
C. aenigma K.D.Hill & A.Lindstr.	Philippines (Palawan - cult.)	2008	*Telopea* 12(1): 130–132, fig. 3	H—LBC	[DD]
C. angulata R.Br.	Australia (NT, Qld)	1810	*Prodr.* Fl. Nov. Holland. 1: 348	H—BM	LC
C. annaikalensis Rita Singh & P.Radha	India (Western Ghats)	2006	*Brittonia* 58(2): 119–123, figs. 1–2	H—IUPH	CR
C. apoa K.D.Hill	Indonesia (Papua), Papua New Guinea (West Sepik, Morobe)	1994	*Austral. Syst. Bot.* 7(6): 553–554, fig. 9	H—CANB	NT
C. arenicola K.D.Hill	Australia (NT)	1993	*Telopea* 5(2): 419–422	H—NSW	NT
C. armstrongii Miq.	Australia (NT)	1868	*Arch. Néerl. Sci. Exact. Nat.* 3(5): 235–236	H—U	VU
C. arnhemica K.D.Hill	Australia (NT)	1994	*Telopea* 5(4): 693–696, fig. 1	H—NSW	LC
subsp. *muninga* Chirgwin & K.D.Hill	Australia (NT)	1996	*Telopea* 7(1): 44–46, fig. 20	H—NSW	LC
subsp. *natja* K.D.Hill	Australia (NT)	1996	*Telopea* 7(1): 46–47, fig. 21	H—DNA	LC
C. badensis K.D.Hill	Australia (Qld)	1996	*Telopea* 7(1): 20–21, fig. 9	H—BRI	NT
C. balansae Warb.	China (Guangxi), Vietnam (Lang Son, Quang Ninh, Thai Nguyen, Vinh Phuc)	1900	*Monsunia* 1: 179	H—P	NT
C. basaltica C.A.Gardner	Australia (WA)	1923	*Bull. Woods Forests Dept., Western Australia* 32: 31	H—PERTH	LC
C. beddomei Dyer	India (Andhra Pradesh)	1885	*Trans. Linn. Soc. London, Bot.* 2(5): 85–86. pl. 17	H—K	CR
C. bifida (Dyer) K.D.Hill	China (Guangxi, Yunnan), Vietnam (Cao Bang, Lang Son, Tuyen Quang)	2004	*Bot. Rev.* 70(2): 161–163	H—K	VU
C. bougainvilleana K.D.Hill	Papua New Guinea (Bougainville, New Britain), Solomon Islands	1994	*Austral. Syst. Bot.* 7(6): 557–560, fig. 11	H—NSW	NT
C. brachycantha K.D.Hill, T.H.Nguyên & P.K.Lôc	Vietnam (Bac Kan)	2004	*Bot. Rev.* 70(2): 155–157, fig. 6	H—HN	NT
C. brunnea K.D.Hill	Australia (NT, Qld)	1992	*Telopea* 5(1): 200–201, fig. 15	H—DNA	NT
C. cairnsiana F.Muell.	Australia (Qld)	1876	*Fragm.* 10(83): 63, 121	H—MEL	VU
C. calcicola Maconochie	Australia (NT)	1978	*J. Adelaide Bot. Gard.* 1(3): 175, fig. 1	H—DNA	LC
C. campestris K.D.Hill	Papua New Guinea (Central, Gulf)	1994	*Austral. Syst. Bot.* 7(6): 538–540	H—NSW	NT
C. canalis K.D.Hill	Australia (NT)	1994	*Telopea* 5(4): 698–700, fig. 4a-d	H—NSW	LC
C. candida K.D.Hill	Australia (Qld)	2004	*Telopea* 10(2): 607–611, figs. 1–2	H—NSW	EN
C. cantafolia Jutta, K.L.Chew & Saw	Malaysia (Johor)	2010	*Blumea* 55(3): 249–252, figs. 1–2	H—KEP	[CR]
C. chamaoensis K.D.Hill	Thailand (Chantaburi)	1999	*Brittonia* 51(1): 58, fig. 6	H—NSW	CR
C. changjiangensis N.Liu	China (Hainan)	1998	*Acta Phytotax. Sin.* 36(6): 552–554, fig. 1	H—IBSC	EN
C. chevalieri Leandri	Vietnam (Ha Tinh, Nghe An, Quang Binh, Quang Tri)	1931	*Fl. Indo-Chine* 5(10): 1092	I—P	NT

Taxon	Location	Date	Original Source	Type	Status
★*C. circinalis* L.	India (Andra Pradesh, Karnataka, Kerala, Maharashtra, Tamil Nadu)	1753	*Sp. Pl.* 2: 1188	L—t. 19, in Rheede, *Hort. Malab,* 1682	EN
C. clivicola K.D.Hill	Malaysia (Kedah, Perak, Selangor), Thailand (Chumphon, Narathiwat, Phang Nga, Phuket, Ranong, Trang)	1999	*Brittonia* 51(1): 62–63, fig. 8a-d, g-h	H—NSW	LC
subsp. *lutea* K.D.Hill	Cambodia, Thailand (Prachinburi, Rayong), Vietnam (An Giang, Kien Giang)	1999	*Brittonia* 51(1): 64, fig. 8e,f,i	H—NSW	LC
C. collina K.D.Hill, T.H.Nguyên & P.K.Lôc	Vietnam (Son La)	2004	*Bot. Rev.* 70(2): 142–144, fig. 2	H—HN	VU
C. condaoensis K.D.Hill & S.L.Yang	Vietnam (Ba Ria-Vung Tau)	2004	*Bot. Rev.* 70(2): 178–179, fig. 14	H—K	VU
C. conferta Chirgwin ex Chirgwin & Wigston	Australia (NT)	1993	*J. Adelaide Bot. Gard.* 15(2): 147	H—DNA	NT
C. couttsiana K.D.Hill	Australia (Qld)	1992	*Telopea* 5(1): 197–198, fig. 13	H—NSW	NT
C. cupida P.I.Forst.	Australia (Qld)	2001	*Austrobaileya* 6(1): 153, figs. 1–5	H—BRI	VU
C. curranii (J.Schust.) K.D.Hill	Philippines (Palawan)	1995	*Proc. Third Int. Conf. Cycad Biol.*: 150	L—K	CR
C. debaoensis Y.C.Zhong & C.J.Chen	China (Guangxi)	1997	*Acta Phytotax. Sin.* 35(6): 571	H—PE	CR
C. desolata P.I.Forst.	Australia (Qld)	1995	*Austrobaileya* 4(3): 345–352, figs. 1–5	H—BRI	VU
C. diannanensis Z.T.Guan & G.D.Tao	China (Yunnan), ?N Vietnam	1995	*Sichuan Forest. Surv. Design* 1995(4): 1	?H—I	VU
C. dolichophylla K.D.Hill, T.H.Nguyên & P.K.Lôc	China (Yunnan), Vietnam (Bac Kan, Cao Bang, Ha Giang, Lai Chau, Lao Cai, Ninh Binh, Son La, Thai Nguyen, Thanh Hoa, Tuyen Quang)	2004	*Bot Rev.* 70(2): 157–160, fig. 7	H—HN	NT
C. edentata de Laub.	Indonesia (Bali, Bengkulu, Jawa Barat, Jawa Tengah, Jawa Timur, Lampung, Riau, Sumatra Utara), Malaysia (Johore, Langkawi, Malacca, Pahang, Perak, Sabah, Sarawak, Terengganu), Myanmar, Philippines (Balabac, Basilan, Cebu, Masbate, Mindanao, Mindoro, Negros, Palawan, Panay, Polillo), Singapore (Changi), Thailand (Chumphon, Narathiwat, Phang Nga, Phu Ket, Satun, Trang, Trat), Vietnam (Kien Giang)	1998	*Blumea* 43(2): 372	H—L	NT

C. elephantipes A.Lindstr. & K.D.Hill	Thailand (Chaiyaphum)	2003	*Brittonia* 54(4): 301. fig. 3 (2002 publ. 2003)	H—BKF	EN
C. elongata (Leandri) D.Yue Wang	Vietnam (Binh Dinh, Khanh Hoa, Ninh Thuan, Phu Yen, Quang Ngai)	1996	*Cycads in China*: 51, (as *C. elonga*)	L—P	EN
C. falcata K.D.Hill	Indonesia (Sulawesi Selatan, Sulawesi Tenggara)	1999	*Kew Bull.* 54(1): 209	H—K	VU
C. ferruginea F.N.Wei	China (Guangxi), Vietnam (Lang Son, Thai Nguyen)	1994	*Guihaia* 14(4): 300, fig. 1	H—IBK	NT
C. fugax K.D.Hill, T.H.Nguyên & P.K.Lôc	Vietnam (Phu Tho)	2004	*Bot. Rev.* 70(2): 145–146, figs. 2–3	H—HN	CR
C. furfuracea W.Fitzg.	Australia (WA)	1918	*J.Proc. Roy. Soc. Western Australia* 3: 108	L—NSW	LC
C. glauca Hort. ex Miq.	East Timor, Indonesia (Nusa Tenggara Timur, Suma Barat, Sumba Timur, Timur Barat)	1840–41	*Comm. Phytogr.*: 127	L—U	DD
C. guizhouensis K.M.Lan & R.F.Zou	China (Guangxi, Guizhou, Yunnan)	1983	*Acta Phytotax. Sin.* 21(2): 209–210	H—PE	VU
C. hainanensis C.J.Chen	China (Hainan)	1975	*Acta Phytotax. Sin.* 13(4): 82, t. 2, figs. 5–6	H—IBSC	EN
C. hoabinhensis P.K.Lôc & T.H.Nguyên	Vietnam (Ha Nam, Ha Tay, Hoa Binh, Ninh Binh)	2004	*Bot. Rev.* 70(2): 153–155, fig. 5	H—HNU	EN
C. hongheensis S.Y.Yang & S.L.Yang	China (Yunnan)	1996	*Cycads in China*: 62	H—Panzhihua Inst. Hort.	CR
C. indica A.Lindstr. & K.D.Hill	India (Karnataka)	2007	*Telopea* 11(4): 481–483, fig. 3	H—E	[DD]
C. inermis Lour.	Vietnam (Da Nang, Dong Nai, Khanh Hoa, Quang Nam)	1793	*Fl. Cochinch.* 2: 632	H—BM	VU
C. javana (Miq.) de Laub.	Indonesia (Jawa Barat, Jawa Tengah, Jawa Timur)	1996	*Cycads in China*: 65	H—L	EN
C. lacrimans A.Lindstr. & K.D.Hill	Philippines (Mindanao)	2008	*Telopea* 12(1): 136–138, fig. 5	H—NY	[EN]
C. lane-poolei C.A.Gardner	Australia (WA)	1923	*For. Dep. Bull., W. Austral.* 32: 30–32, fig. e	H—PERTH	LC
C. lindstromii S.L.Yang, K.D.Hill & T.H.Nguyên	Vietnam (Ba Ria-Vung Tau, Binh Thuan, Khanh Hoa, Ninh Thuan)	1997	*Novon* 7(2): 213–215, fig. 1	H—FTG	EN
C. maconochiei Chirgwin & K.D.Hill	Australia (NT)	1996	*Telopea* 7(1): 48–49, fig. 22	H—NSW	LC
subsp. *lanata* K.D.Hill	Australia (NT)	1996	*Telopea* 7(1): 49–51	H—DNA	LC
subsp. *viridis* K.D.Hill	Australia (NT)	1996	*Telopea* 7(1) : 51–52, fig. 23	H—NSW	LC
C. macrocarpa Griff.	Malaysia (Kelantan, Pahang, Terengganu), Thailand (Chantaburi, Chumphon, Narathiwat, Ranong)	1854	*Not. Pl. Asiat.* 4: 11–14, pl. 362, fig. 2	H—K	VU

Taxon	Location	Date	Original Source	Type	Status
C. media R.Br.	Australia (Qld)	1810	*Prodr.* Fl. Nov. Holland. 1: 348	H—BM	LC
subsp. *banksii* K.D.Hill	Australia (Qld)	1996	*Telopea* 7(1): 15–16	H—NSW	LC
subsp. *ensata* K.D.Hill	Australia (Qld)	1996	*Telopea* 7(1): 14–15, fig. 6	H—NSW	LC
C. megacarpa K.D.Hill	Australia (Qld)	1992	*Telopea* 5(1): 188–189, fig. 5	H—NSW	VU
C. micholitzii Dyer	(?Laos), Vietnam (Dac Lak, Gia Lai, Kon Tum)	1905	*Gard. Chron.* Ser. 3, 38: 142–144, figs. 48–49	H—K	VU
C. micronesica K.D.Hill	Micronesia (Mariana Islands)	1994	*Austral. Syst. Bot.* 7(6): 554–556, fig. 10	H—NSW	EN
C. montana A.Lindstr. & K.D.Hill	Indonesia (Nusa Tenggara Timur)	2009	*Telopea* 12(3): 396–397, fig. 3	H—BO	[NT]
C. multipinnata C.J.Chen & S.Y.Yang	China (Yunnan), Vietnam (Yen Bai)	1994	*Acta Phytotax. Sin.* 32(3): 239, 480–481	H—PE	EN
C. nathorstii J.Schust.	India (Tamil Nadu), N Sri Lanka	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 76, fig. 10e	L—G	VU
C. nitida K.D.Hill & A.Lindstr.	Philippines (Luzon)	2008	*Telopea* 12(1): 142–143, fig. 6	H—NSW	[NT]
C. nongnoochiae K.D.Hill	Thailand (Nakhon Sawan)	1999	*Brittonia* 51(1): 60–62, fig. 7	H—NSW	VU
C. ophiolitica K.D.Hill	Australia (Qld)	1992	*Telopea* 5(1): 190–191, fig. 7	H—NSW	VU
C. orientis K.D.Hill	Australia (NT)	1994	*Telopea* 5(4): 696–697, fig. 3	H—NSW	LC
C. pachypoda K.D.Hill	Vietnam (Binh Thuan, Ninh Thuan)	2004	*Bot. Rev.* 70(2): 176–178, fig. 13	H—HN	CR
C. panzhihuaensis L.Zhou & S.Y.Yang	China (Sichuan, Yunnan)	1981	*Acta Phytotax. Sin.* 19(3): 335, t. 10, figs. 1–6; t. 11, figs. 1–10	H—PE	VU
C. papuana F.Muell.	Indonesia (Papua), Papua New Guinea (Western)	1876	*Descr. Notes Papuan Pl.* 4: 71–72	L—MEL	NT
C. pectinata Buch.-Ham.	Bangladesh, Bhutan, China (Yunnan), NE India, Laos, Myanmar, Nepal, Thailand (Chiang Mai, Kanchanaburi, Mae Hong Son, Phetchabun, Phrae, Sukhothai), Vietnam (Gia Lai, Kon Tum, Lam Dong, Quang Ngai)	1826	*Mem. Wern. Nat. Hist. Soc.* 5(2): 322–323, figs. 3,5	L—K	VU
C. petraea A.Lindstr. & K.D.Hill	Thailand (Loei)	2003	*Brittonia* 54 (4): 299, fig. 1 (2002 publ. 2003)	H—BKF	NT
C. platyphylla K.D.Hill	Australia (Qld)	1992	*Telopea* 5(1): 193–194, fig. 9	H—NSW	EN
C. pranburiensis S.L.Yang, W.Tang, K.D.Hill & Vatch.	Thailand (Prachuap Khiri Khan)	1999	*Brittonia* 51(1): 44–47, fig. 1	H—K	VU
C. pruinosa Maconochie	Australia (NT, WA)	1978	*J. Adelaide Bot. Gard.* 1(3): 177–178, fig. 2	H—DNA	LC
C. revoluta Thunb.	?China, Japan (Ryukyu Islands)	1782	*Verh. Holl. Maatsch. Weetensch. Haarlem* 20(2): 424, 426–427	L—UPS	LC
C. riuminiana Porte ex Regel	Philippines (Luzon)	1863	*Gartenflora* 12: 16–17	H—LE	EN

C. rumphii Miq.	Australia (Ashmore Reef, Christmas Island) Indonesia (Jawa Timur, Kalimantan Barat, Maluku, Papua, Sulawesi Utara, Sulawesi Tengah, Sulawesi Selatan, West Papu), Papua New Guinea (West Sepik).	1839	*Bull. Sci. Phys. Nat. Néerl.* 2: 45	L— t. 23, Rumphius *Herb. Amb.* 1741	NT
C. saxatilis K.D.Hill & A.Lindstr.	Philippines (Palawan)	2008	*Telopea* 12(1): 128–129, fig. 2	H—L	VU
C. schumanniana Lauterb.	Papua New Guinea (Eastern Highlands, Madang, Morobe)	1900	*Fl. Schutzgeb. Südsee*: 154–155	L—WRSL	NT
C. scratchleyana F.Muell.	Indonesia (Papua, Maluku, West Papua), Papua New Guinea (Central, Gulf, Milne Bay, Western)	1885	*Victorian Naturalist* 2(2): 18–19	H—MEL	NT
C. seemannii A.Braun	Australia (Torres Strait Islands), Fiji, New Caledonia, Tonga, Vanuatu	1876	*Sitzungsber. Ges. Naturf. Freunde Berlin*: 114–115	L—K	VU
C. segmentifida D.Yue Wang & C.Y.Deng	China (Guangxi, Guizhou, Yunnan), ?N Vietnam	1995	*Encephalartos* 43: 11–14	H—SZG	VU
C. semota K.D.Hill	Australia (Qld)	1996	*Telopea* 7(1): 23–26, fig. 11	H—NSW	VU
C. sexseminifera F.N.Wei	China (Guangxi), Vietnam (Cao Bang, Ninh Binh, Thanh Hoa)	1996	*Guihaia* 16(1): 1	H—IBK	NT
C. shanyaensis G.A.Fu (as '*shanyagensis*')	China (Hainan Island)	2006	*Bull. Bot. Res., Harbin* 26(1): 2–3, fig. 1	H—HFB	VU
C. siamensis Miq.	Cambodia, Laos, Myanmar, Thailand (Chachoengsao, Chaiyaphum, Chonburi, Kanchanaburi, Lampang, Nakhon Ratchasima, Phetchabun, Ratchaburi, Sakon Nakhon, Tak, Uthai Thani, Uttaridit), Vietnam (Dac Lak, Gia Lai, Kon Tum, Nghe An, Thanh Hoa)	1863	*Bot. Zeitung (Berlin)* 21: 334	H—U	VU
C. silvestris K.D.Hill	Australia (Qld)	1992	*Telopea* 5(1): 181–182, fig. 1	H—NSW	VU
C. simplicipinna (Smitinand) K.D.Hill	Laos, ?Myanmar, Thailand (Chiang Mai, Loei, Mae Hong Song, Phrae), Vietnam (Quang Tri)	1995	*Proc. Third Int. Conf. Cycad Biol.*: 150	L—BKF	NT
C. sphaerica Roxb.	India (Orissa)	1832	*Fl. Ind. (Roxburgh)* 3: 747	?	DD
C. sundaica Miq. ex A.Lindstr. & K.D.Hill	Indonesia (Nusa Ternggara Timur)	2009	*Telopea* 12(3): 408–410, fig. 6	H—BO	[LC]
C. szechuanensis C.Y.Cheng, W.C.Cheng & L.K.Fu	China (Fujian, Guangdong)	1975	*Acta Phytotax. Sin.* 13(4): 81, t. 1, figs. 7–8	H—PE	CR

Taxon	Location	Date	Original Source	Type	Status
subsp. *fairylakea* (D.Yue Wang) N.Liu	China (Guangdong)	1996	*Proc. Sixth Int. Conf. Cycad Biol.*: 1–4	H—SZG	[EN]
C. taitungensis C.F. Shen, K.D.Hill, C.H.Tsou & C.J.Chen	China (Taiwan)	1994	*Bot. Bull. Acad. Sin.* 35(2): 135–138	H—HAST	VU
C. taiwaniana Carruth.	China (Guangdong)	1893	*J. Bot.* 31: 1–3, pl. 331	H—BM	EN
C. tanqingii D.Yue Wang	China (Yunnan), ?Vietnam (Lai Chau)	1996	*Cycads in China*: 134, fig. 4	H—SZG	NT
C. tansachana K.D.Hill & S.L.Yang	Thailand (Saraburi)	1999	*Brittonia* 51(1): 65–66	H—NSW	CR
C. terryana P.I.Forst.	Australia (Qld)	2011	*Austrobaileya* 8(3): 356–363, t.1, figs. 1–4	H—BRI	[VU]
C. thouarsii R.Br. ex Gaudich.	Comoros, Kenya, Madagascar, Mozambique, Seychelles, Tanzania	1826	*Voy. Uranie, Bot.*: 434	?H—P	LC
C. tropophylla K.D.Hill & P.K.Lôc	Vietnam (Hai Phong, Quang Ninh)	2004	*Bot. Rev.* 70(2): 168–170, fig. 10	H—HN	NT
C. tuckeri K.D.Hill	Australia (Qld)	1996	*Telopea* 7(1): 20–23, fig. 10	H—NSW	VU
C. vespertilio A.Lindstr. & K.D.Hill	Philippines (Cebu, Leyte, Luzon, Negros, Panay, Samar)	2008	*Telopea* 12(1): 134–136, fig. 4	H—LBC	[NT]
C. wadei Merrill	Philippines (Culion)	1936	*Philipp. J. Sci.* 60(3): 234–236, pls. 1–4	L—NY	CR
C. xipholepis K.D.Hill	Australia (Qld)	1996	*Telopea* 7(1): 32–33, fig. 15	H—NSW	LC
C. yorkiana K.D.Hill	Australia (Qld)	1996	*Telopea* 7(1): 18–19, fig. 8	H—NSW	NT
C. zambalensis Madulid & Agoo	Philippines (Luzon)	2005	*Blumea* 50(3): 519–522. fig. 1.	H—PNH	CR
C. zeylanica (J.Schust.) A.Lindstr. & K.D.Hill	India (Andamans and Nicobar Islands), S Sri Lanka	2002	*Novon* 12(2): 238	L—G	VU
Synonyms and other names:					
C. acuminatissima Hung T.Chang, Y.C.Zhong & Z.F.Lu	= *C. sexseminifera*	1998	*Acta Sci. Nat. Univ. Sunyatseni* 37(4): 6	H—SYS	
C. baguanheensis L.K.Fu & S.Z.Cheng	= *C. panzhihuaensis*	1981	*Acta Phytotax. Sin.* 19(3): 337	H—PE	
C. bellefontii Linden & Rodigas	*nomen dubium*	1886	*Ill. Hort.* 33: 27, pl. 586 (as *C. bellefonti*)		
C. brevipinnata Hung T.Chang, Y.Y.Huang & Y.C.Zhong	= *C. sexseminifera*	1998	*Acta Sci. Nat. Univ. Sunyatseni* 37(4): 8	H—SYS	
C. canalis subsp. *carinata* K.D.Hill	= *C. canalis*	1994	*Telopea* 5(4): 699–700, fig. 4e-g	H—NSW	
C. celebica Miq.	= *C. rumphii*	1839	*Bull. Sci. Phys. Nat. Néerl.* 1839: 45	L—tt. 20–21 Rumphius *Herb. Amb.* 1741	
C. chamberlainii W.H.Br. & Kienholz	= *C. riuminiana*	1925	*Philipp. J. Sci.* 26: 47–48, pls. 1–2, fig. 1	H—NY	
C. circinalis f. *glauca* (Miq.) J.Schust.	= C. glauca	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 66		
C. circinalis f. *gothanii* J.Schust.	*nomen dubium*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 66		
C. circinalis subsp. *circinalis* forma *undulata* (Hort. ex Gaudich.) J.Schust.	= *C. circinalis*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 66		
C. circinalis subsp. *madagascariensis* (Miq.) J.Schust.	= *C. thouarsii*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 73		

C. circinalis subsp. *madagascariensis* f. *trigonocarpoides* J.Schust.	= C. thouarsii	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 74	
C. circinalis subsp. *papuana* (F.Muell.) J.Schust.	= C. papuana	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 70	
C. circinalis subsp. *papuana* var. *scratchleyana* (F.Muell.) J.Schust.	= C. scratchleyana	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 70	
C. circinalis subsp. *riuminiana* (Porte ex Regel) J.Schust.	= *C. riuminiana*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 68	N—K
C. circinalis subsp. *riuminiana* var. *curranii* J.Schust.	= *C. curranii*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 69	I—K, P
C. circinalis subsp. *riuminiana* var. *curranii* f. *chamberlainii* (W.H.Br. & Kienholz) J.Schust.	= *C. riuminiana*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 69	I—NY, A, K, BM, L, P, US
C. circinalis subsp. *riuminiana* var. *curranii* f. *graminea* J.Schust.	= *C. wadei*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 69	L—NY
C. circinalis subsp. *riuminiana* var. *curranii* f. *maritima* J.Schust.	= *C. edentata*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 69	L—K
C. circinalis subsp. *seemannii* (A.Braun) J. Schust.	= *C. seemannii*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 71, 73	
C. circinalis subsp. *thouarsii* (R.Br. ex Gaudich.) Engl.	= C. thouarsii	1908	*Die Pflanzenw. Afrikas* 2(1): 82	
C. circinalis subsp. *vera* var. *beddomei* (Dyer) J.Schust.	= *C. beddomei*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 67	S—K
C. circinalis subsp. *vera* var. *pectinata* (Griff.) J.Schust.	= *C. pectinata*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 68	N—K
C. circinalis var. *angustifolia* Miq.	= *C. circinalis*	1840–41	*Comm. Phytogr.*: 125–126	L—U
C. circinalis var. *javana* Miq.	= *C. javana*	1842	*Monogr. Cycad.*: 28. t. 1, figs. t, u, t II, fig. e1	H—L
C. circinalis var. *orixensis* Haines	= *C. spherica*	1924	*Bot. Bihar Orissa* 6: 1228	S—K
C. crassipes Hung T.Chang, Y.C.Zhong & Z.F.Lu	= *C. sexseminifera*	1999	*Acta Sci. Nat. Univ. Sunyatseni* 38(3): 121–122	H—SYS
C. fairylakea D.Yue Wang	= *C. szechuanensis* subsp. *fairylakea*	1996	*Cycads in China*: 54	H—SZG
C. gracilis Miq.	= *C. media*	1863	*Verslagen Meded. Afd. Natuurk. Kon. Acad. Wetensch.* ser. 1, 15: 366–367	H—U
C. gracilis Y.Y.Huang, Y.C.Zhong & Z.F.Fu	*nomen illeg.*	2008	*J. Pl. Genet. Resources* 9(4): 525–527	H—SYS
C. gracilis var. *glauca* Regel	= *C. media*	1876	*Trudy Imp. S.-Peterburgsk. Bot. Sada* 4(4): 282	H—LE

Taxon	Location	Date	Original Source	Type	Status
C. gracilis var. *viridis* Regel	= *C. media*	1876	*Trudy Imp. S.-Peterburgsk. Bot. Sada* 4(4): 282	L—LE	
C. hainanensis subsp. *changjiangensis* (N.Liu) N.Liu	= *C. changjiangensis*	2004	*Proc. Sixth Int. Conf. Cycad Biol.*: 3	H—IBSC	
C. hypoleuca C.Presl.	*nomen dubium*	1849	*Epimel. Bot.*: 238		
C. immersa Craib	= *C. siamensis*	1912	*Bull. Misc. Inform. Kew* 1912: 434–435	H—K	
C. jenkinsiana Griff.	= *C. pectinata*	1854	*Not. Pl. Asiat.* 4: 9–10, pl. 360, figs. 1–2, pl. 362, fig. 1	H—K	
C. kennedyana F.Muell.	= *C. media*	1882	*Australas. Chem. Drugg*ist: 16	H—MEL	
C. lingshuiensis G.A Fu (as '*lingshuigensis*')	= *C. hainanensis*	2004	*Bull. Bot. Res.Harbin* 24(4): 387–388	H—HFB	
C. litoralis K.D.Hill	= *C. edentata*	1999	*Brittonia* 51(1): 70–72, fig. 11	H—NSW	
C. longiconifera Hung T.Chang, Y.C.Zhong & Y.Y. Huang	= *C. segmentifida*	1998	*Acta Sci. Nat. Univ. Sunyatseni* 37(4): 6	H—SYS	
C. longipetiolula D.Yue Wang	= *C. bifida* x *C. multipinnata* hybrid swarm	1996	*Cycads in China*: 68	H—SZG	
C. longisporophylla F.N.Wei	= *C. sexseminifera*	1997	*Guihaia* 17(3): 209	H—IBK	
C. longlinensis Hung T.Chang & Y.C.Zhong	= *C. segmentifida*	1997	*Acta Sci. Nat. Univ. Sunyatseni* 36(3): 68	H—SYS	
C. madagascariensis Miq.	= *C. thouarsii*	1840–41	*Comm. Phytog.*: 127	L—t. 2a-e Petit-Thouars, *Hist. Veg.*, 1804	
C. micholitzii var. *simplicipinna* Smitinand	= *C. simplicipinna*	1971	*Nat. Hist. Bull. Siam Soc.* 24: 164, figs. 2–3, 4f	L—BKF	
C. miquelii Warb.	= *C. revoluta*	1900	*Monsunia* 1: 179, 181	L—U	
C. multifida Hung T.Chang & Y.C.Zhong	= *C. segmentifida*	1997	*Acta Sci. Nat. Univ. Sunyatseni* 36(3): 70	H—SYS	
C. multifrondis D.Yue Wang	= *C. bifida* x *C. dolichophylla* hybrid swarm	1996	*Cycads in China*: 80	H—SZG	
C. normanbyana F.Muell.	= *C. media*	1874	*Fragm.* (Mueller) 8(66): 169–171, *Icon.* 65–66	H—MEL	
C. palmatifida Hung T.Chang, Y.Y. Huang & Y.C.Zhong	= *C. balansae*	1998	*Acta Sci. Nat. Univ. Sunyatseni* 37(4): 7	H—SYS	
C. parvulus S.L.Yang	= *C. diannanensis*	1996	*Cycads in China*: 93	H—HWA	
C. pectinata var. *elongata* Leandri	= *C. elongata*	1931	*Fl. Indo-Chine* [P.H. Lecomte et al.] 5(10): 1091	L—P	

C. pectinata var. *manhaoensis* C.J.Chen & P.Yun	= *C. diannanensis*	1995	*Acta Bot. Yunnan.* 17(4): 400	H—YUN
C. pygmaea Blume	*nomen dubium*	1848	*Rumphia* 4: 16	
C. revoluta var. *brevifrons* Miq.	= *C. revoluta*	1848	*Tijdschr. Wis- Natuurk. Wetensch. Eerste Kl. Kon. Ned. Inst. Wetensch.* 1: 207	apparently not preserved
C. revoluta var. *planifolia* Miq.	= *C. revoluta*	1842	*Monogr. Cycad.*: 25–26	H—U
C. revoluta var. *prolifera* Siebold & Zucc.	= *C. revoluta*	1846	*Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.* 14(3): 236	apparently not preserved
C. revoluta var. *robusta* Messeri	= *C. revoluta*	1927	*Nuovo Giorn. Bot. Ital.*, n.s., 34: 324, 327	apparently not preserved
C. rumphii f. *undulata* (Desf. ex Gaudich.) Kaneh.	= *C. circinalis*	1938	*J. Jap. Bot.* 14(9): 587	
C. rumphii subsp. *zeylanica* J.Schust.	= *C. zeylanica*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 75, figs. 10c-d, 11m	
C. rumphii var. *bifida* Dyer	= *C. bifida*	1902	*J. Linn. Soc., Bot.* 26: 560	H—K
C. rumphii var. *timorensis* Miq.	= *C. glauca*	1840–41	*Comm. Phytogr.*: 125–126	H—L
C. septemsperma Hung T.Chang, Y.Y.Huang & H.X.Zheng	= *C. sexseminifera*	1998	*Acta Sci. Nat. Univ. Sunyatseni* 37(4): 8	H—SYS
C. shiwandashanica Hung T.Chang & Y.C.Zhong	= *C. balansae*	1995	*Chinese Bull. Bot.* 12: 12	H— GXF
C. siamensis subsp. balansae (Warb.) J. Schust.	= *C. balansae*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 81	L—P
C. spiniformis J.Y.Liang	= *C. sexseminifera*	1997	*Guihaia* 17(3): 211	H—IBK
C. swamyi Rita Singh & P.Radha	= *C. indica*	2008	*Bot. J. Linn. Soc.* 158(3): 430–435	H—IPUH
C. tonkinensis (Linden & Rodigas) Rodigas	*nomen dubium*	1886	*Ill. Hort.* 33: 27	L—t. 547 in *Ill. Hort.* 32, 1885
C. truncata de Laub.	= *C. riuminiana*	2007	*Encephalartos* 92: 17	H—US
C. undulata Desf. ex Gaudich.	= *C. circinalis*	1829	*Voy. Uranie, Bot.*: 434	H—P
C. wallichii Miq.	= *C. circinalis*	1842	*Monogr. Cycad.*: 32	H—U
C. xilingensis Hung T.Chang & Y.C.Zhong	= *C. segmentifida*	1997	*Acta Sci. Nat. Univ. Sunyatseni* 36(3): 69	H—SYS
DYEROCYCAS Nakai	= *CYCAS*	1943	*Ordines, familiae, tribi, . . . et combinationes a Prof. Nakai-Takenosin adhuc novis edita*: 208	
D. micholitzii (Dyer) Nakai	= *C. micholitzii*	1943	*Ordines, familiae, tribi, . . . et combinationes a Prof. Nakai-Takenosin adhuc novis edita:* 208	BAS

Taxon	Location	Date	Original Source	Type	Status
EPICYCAS de Laub.	= *CYCAS*	1998	*Blumea* 43(2): 388		
E. elongata (Leandri) S.L.Yang ex de Laub.	= *C. elongata*	1998	*Blumea* 43(2): 393	BAS	
E. lindstromii (S.L.Yang, K.D.Hill & T.H.Nguyên) de Laub.	= *C. lindstromii*	1998	*Blumea* 43(2): 395	BAS	
⋆*E. micholitzii* (Dyer) de Laub.	= *C. micholitzii*	1998	*Blumea* 43(2): 389	BAS	
E. miquelii (Warb.) de Laub.	= *C. revoluta*	1998	*Blumea* 43(2): 393	BAS	
E. multipinnata (C.J.Chen & S.Y.Yang) de Laub.	= *C. multipinnata*	1998	*Blumea* 43(2): 391	BAS	
E. siamensis (Miq.) de Laub.	= *C. siamensis*	1998	*Blumea* 43(2): 393	BAS	
E. tonkinensis (Linden & Rodigas) de Laub.	*nomen dubium* = *C. tonkinensis*	1998	*Blumea* 43(2): 391	BAS	
DIOON Lindl. (14 species: Honduras, Mexico)		1843	*Edward's Bot. Reg.* 29: misc. 59–60 (as "*Dion*", *nom. cons.*)		
D. angustifolium Miq.	Mexico (Nuevo León, Tamaulipas)	1847	*Tijdschr. Wis-Natuurk. Wetensch. Eerste Kl. Kon. Ned. Inst. Wetensch.* 1(1): 33–43	L—K	VU
D. argenteum T.J.Greg., Chemnick, Salas-Mor. & Vovides	Mexico (Oaxaca)	2003	*Bot. J. Linn. Soc.* 141(3): 471–476, figs. 1–8	H—XAL	VU
D. califanoi De Luca & Sabato	Mexico (Oaxaca, Puebla)	1979	*Brittonia* 31(1): 170–172, figs. 2–3	H—NAP	EN
D. caputoi De Luca, Sabato & Vázq.Torres	Mexico (Oaxaca, Puebla)	1980	*Brittonia* 32(1): 44–46, figs. 3–4	H—XALU	EN
⋆*D. edule* Lindl.	Mexico (Hidalgo, Querétaro, San Luis Potosí, Tamaulipas, Veracruz)	1843	*Edward's Bot. Reg.* 29: misc. 59–60	H—CGE	NT
D. holmgrenii De Luca, Sabato & Vázq. Torres	Mexico (Oaxaca)	1981	*Brittonia* 33(4): 552–554, figs. 1–2	H—XALU	EN
D. mejiae Standl. & L.O.Williams	Honduras (Colón, Olancho, Yoro)	1951	*Ceiba* 1: 36–38	H—US	LC
D. merolae De Luca, Sabato & Vázq.Torres	Mexico (Chiapas, Oaxaca)	1981	*Brittonia* 33(2): 180–184, figs. 2–3	H—NAP	VU
D. purpusii Rose	Mexico (Oaxaca)	1909	*Contr. U.S. Natl. Herb.* 12(7): 260–261	H—US	VU
D. rzedowskii De Luca, A.Moretti, Sabato & Vázq.Torres	Mexico (Oaxaca)	1980	*Brittonia* 32(2): 225–229, figs. 1–2	H—XALU	EN
D. sonorense (De Luca, Sabato & Vázq. Torres) Chemnick, T.J.Greg. & Salas-Mor.	Mexico (Sinaloa, Sonora)	1998	*Phytologia* 83(1): 1–6 (1997 publ. 1998)	BAS	EN
D. spinulosum Dyer ex Eichler	Mexico (Oaxaca, Veracruz)	1883	*Gart. Zeit. (Berlin).* 2: 411–413, 438–439, fig. 80	H—K	EN
D. stevensonii Nic.-Mor. & Vovides	Mexico (Guerrero, Michoacán)	2009	*Syst. Biodivers.* 7(1): 73–79, figs. 1–2	H—XAL	[CR]
D. tomasellii De Luca, Sabato & Vázq. Torres	Mexico (Durango, Jalisco, Nayarit)	1984	*Brittonia* 36(3): 225–227, figs. 2–5	H—NAP	VU

Synonyms and other names:

D. aculeatum Lem.	= *D. angustifolium*	1846	*Catalog. Vanhoutt.* 27: 45	?	
D. edule f. *angustifolium* (Miq.) Miq.	= *D. angustifolium*	1861	*Prodr. Syst. Cycad.*: 10, 22	BAS	
D. edule subsp. *angustifolium* (Miq.) A.E.Murray	= *D. angustifolium*	1983	*Kalmia* 13: 5	BAS	
D. edule var. *angustifolium* (Miq.) Miq.	= *D. angustifolium*	1868	*Arch. Néerl. Sci. Exact. Nat.* 3: 427	BAS	
D. edule var. *lanuginosum* Wittm.	= *D. edule*	1899	*Gartenflora* 48: 153	L—K	
D. edule var. *latipinnium* Dyer	= *D. mejiae*	1884	*Biol. Cent.-Amer., Bot.* 3: 191, t. 81, figs. 1–3	H—K	
D. edule var. *sonorense* (De Luca, Sabato & Vázq.Torres) McVaugh & Pérez de la Rosa	= *D. sonorense*	1992	*Fl. Novo-Galiciana* 17: 112	BAS	
D. imbricatum Miq.	= *D. edule*	1848	*Tijdschr. Wis-Natuurk. Wetensch. Eerste Kl. Kon. Ned. Inst. Wetensch.* 1: 36	L—t. 4d-e in *Verh. Eerste Kl. Kon. Ned. Inst. Wetensch.* 3, 1851	
D. strobilaceum Lem. ex A.DC	= *D. edule*	1868	*Prodr.* 16(2): 537	?	
D. tomasellii var. *sonorense* De Luca, Sabato & Vázq.Torres	= *D. sonorense*	1984	*Brittonia* 36(3): 226–227	H—NAP	
PLATYZAMIA Zucc.	= *DIOON*	1845	*Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.* 4(2): 23, t. 4		
P. rigida Zucc.	= *D. edule*	1845	*Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss.* 4(2): 23, t. 4	H—M	
ENCEPHALARTOS Lehm. (65 species: Africa)		1834	*Nov. Stirp. Pug. 6: 3–8, tt. 1–5*		
E. aemulans Vorster	South Africa (KwaZulu-Natal)	1990	*S. African J. Bot.* 56(2): 239–243	H—PRE	CR
E. altensteinii Lehm.	South Africa (E Cape)	1834	*Nov. Stirp. Pug.* 6: 11, t. 4–5	L—tt. 4–5	VU
E. aplanatus Vorster	Swaziland	1996	*S. African J. Bot.* 62(1): 57–60	H—PRE	VU
E. arenarius R.A.Dyer	South Africa (E Cape)	1956	*J. S. African Bot.* 22(1): 1	H—PRE	EN
E. barteri Carruth. ex Miq.	Benin (Bergu), Ghana, Nigeria	1868	*Arch. Néerl. Sci. Exact. Nat.* 3: 243–246	I—K	VU
subsp. *allochrous* L.E.Newton	Nigeria (Plateau)	1978	*J. Linn. Soc., Bot.* 77(2): 125–129	H—K	EN
E. brevifoliolatus Vorster	South Africa (Limpopo)	1996	*S. African J. Bot.* 62(1): 61–64	H—PRE	EW
E. bubalinus Melville	Kenya, Tanzania (Masai)	1957	*Kew Bull. 1957*: 252	H—K	NT
★*E. caffer* (Thunb.) Lehm.	South Africa (E Cape)	1834	*Nov. Stirp. Pug.* 6: 14	BAS	NT
E. cerinus Lavranos & D.L.Goode	South Africa (KwaZulu-Natal)	1989	*Durban Mus. Novit.* 14: 153–156	H—NH	CR
E. chimanimaniensis R.A.Dyer & I.Verd.	Mozambique, Zimbabwe	1969	*Kirkia* 7: 147–158	H—PRE	EN
E. concinnus R.A.Dyer & I.Verd.	Zimbabwe (Mberwenga, Runde)	1969	*Kirkia* 7: 147–158	H—PRE	EN

Taxon	Location	Date	Original Source	Type	Status
E. cupidus R.A.Dyer	South Africa (Mpumalanga)	1971	*Bothalia* 10(2): 379–383	H—PRE	CR
E. cycadifolius (Jacq.) Lehm.	South Africa (E Cape)	1834	*Nov. Stirp. Pug.* 6: 13	?	LC
E. delucanus Malaisse, Sclavo & Crosiers	Tanzania (Mpanda)	1992	*Ann. Gembloux* 98(2): 153–155, fig. 1	H—BR	EN
E. dolomiticus Lavranos & D.L.Goode	South Africa (Limpopo)	1988	*Bull. Jard. Bot. Natl. Belg.* 58(1–2): 219–224	H—NH	CR
E. dyerianus Lavranos & D.L.Goode	South Africa (Limpopo)	1988	*Bull. Jard. Bot. Natl. Belg.* 58(1–2): 219–224	H—PRE	CR
E. equatorialis P.J.H.Hurter	Uganda	1995	*S. African J. Bot.* 61(4): 226–229	H—PRE	CR
E. eugene-maraisii I.Verd.	South Africa (Limpopo)	1945	*J. S. African Bot.* 11(1): 1–3	H—PRE	EN
E. ferox G.Bertol.	Mozambique, South Africa (KwaZulu-Natal)	1851	*Mem. Reale Accad. Sci. Ist. Bologna* 3: 264	?	NT
E. friderici-guilielmi Lehm.	South Africa (E Cape, KwaZulu-Natal)	1834	*Pugill.* 6: 8, tt. 1–3	tt. 1–3	NT
E. ghellinckii Lem.	South Africa (E Cape, KwaZulu-Natal)	1867	*Ill. Hort.* 14, misc.: 80–81, pl. 567	?	VU
E. gratus Prain	Malawi, Mozambique	1916	*Bull. Misc. Inform. Kew*: 181	L—K	VU
E. heenanii R.A.Dyer	South Africa (Mpumalanga), Swaziland	1972	*Bothalia* 10(4): 539–546	H—PRE	CR
E. hildebrandtii A.Braun & C.D.Bouché	Kenya (Kilifi, Lamu), Tanzania (Lushoto, Tanga, Zanzibar Island)	1874	*Ind. Sem. Hort. Berol.* 18	I—K	NT
E. hirsutus P.J.H.Hurter	South Africa (Limpopo)	1996	*S. African J. Bot.* 62(1): 46–48, fig. 1	H—PRE	CR
E. horridus (Jacq.) Lehm.	South Africa (E Cape)	1834	*Pugill.* 6: 14	BAS	EN
E. humilis I.Verd.	South Africa (Mpumalanga)	1951	*Bothalia* 6: 220–241, pl. 3	?H—PRE	VU
E. inopinus R.A.Dyer	South Africa (Limpopo)	1964	*Bothalia* 8(2): 169–170	H—PRE	CR
E. ituriensis Bamps & Lisowski	Dem. Rep. of Congo, Uganda	1990	*Mem. New York Bot. Gard.* 57: 152–155, figs. 1–3	H—BR	NT
E. kisambo Faden & Beentje	Kenya (Taita-Taveta)	1989	*Utafiti* 2(1): 7–10	H—K	EN
E. laevifolius Stapf & Burtt Davy	South Africa (E Cape, KwaZulu-Natal, Limpopo, Mpumalanga), Swaziland	1926	*Fl. Transvaal & Sw.* 1: 40 & 99	H—K	CR
E. lanatus Stapf & Burtt Davy	South Africa (Mpumalanga)	1926	*Man. Pl. Transvaal* 1: 40, 90, fig. 4d	H—PRE	NT
E. latifrons Lehm.	South Africa (E Cape)	1837	*Tijdschr. Natuurl. Gesch. Physiol.* 4: 424, t. 9	L—t. 9	CR
E. laurentianus De Wild.	Angola, Dem. Rep. of Congo	1903	*Ann. Mus. Congo Belge, Bot. sér.* 5(1): 10, t. 25	H—BR	DD
E. lebomboensis I.Verd.	Mozambique, South Africa (KwaZulu-Natal), Swaziland	1949	*Fl. Pl. Africa* 27: pls. 1078–1079	H—PRE	EN

E. lehmannii Lehm.	South Africa (E Cape)	1834	*Nov. Stirp. Pug.* 6: 14	H—HBG	NT
E. longifolius (Jacq.) Lehm.	South Africa (E Cape)	1834	*Nov. Stirp. Pug.* 6: 14	H—HBG	NT
E. mackenziei L.E.Newton	Sudan	2002	*Bot. J. Linn. Soc.* 140(2): 187–192, figs. 1–6	H—EA	NT
E. macrostrobilus S.Jones & Wynants	N Uganda	1997	*Encephalartos* 50: 13–17, figs. 1–2	H—BR	EN
E. manikensis (Gilliland) Gilliland	Mozambique (Manica), Zimbabwe	1939	*Proc. Rhodesia Sci. Assoc.* 37: 133–134	H—BM	VU
E. marunguensis Devred	Dem. Rep. of Congo (Tanganyika)	1958	*Bull. Soc. Roy. Bot. Belgique* 91: 104–110	H—BM	VU
E. middelburgensis Vorster	South Africa (Mpumalanga)	1989	*S. African J. Bot.* 55(1): 122–126	H—PRE	CR
E. msinganus Vorster	South Africa (KwaZulu-Natal)	1996	*S. African J. Bot.* 62(2): 67–70	H—PRE	CR
E. munchii R.A.Dyer & I.Verd.	Mozambique (Manica)	1969	*Kirkia* 7: 147–158	H—PRE	CR
E. natalensis R.A.Dyer & I.Verd.	South Africa (KwaZulu-Natal)	1951	*Bothalia* 6(1): 205–211, pls. 1–3	H—PRE	NT
E. ngoyanus I.Verd.	South Africa (KwaZulu-Natal), Swaziland	1949	*Fl. Pl. Africa* 27: pls. 1053–1054	?H—PRE	VU
E. nubimontanus P.J.H.Hurter	South Africa (Limpopo)	1995	*Phytologia* 78(6): 409–410, fig. 1	H—PRE	EW
E. paucidentatus Stapf & Burtt Davy	South Africa (Mpumalanga), Swaziland	1926	*Man. Pl. Transvaal* 1: 40 & 99, fig. 4a	H—PRE	VU
E. poggei Asch.	Dem. Rep. of Congo (Lulua, Lomami, Lualaba)	1878	*Verh. Bot. Vereins Prov. Brandenburg* 20: 35–36	?	LC
E. princeps R.A.Dyer	South Africa (E Cape)	1965	*J. S. African Bot.* 31(2): 111–112, pl. 19	H—PRE	VU
E. pterogonus R.A.Dyer & I.Verd.	Mozambique (Manica)	1969	*Kirkia* 7: 147–158	H—PRE	CR
E. relictus P.J.H.Hurter	Swaziland	2001	*Bothalia* 31(2): 197–199	H—PRE	EW
E. schaijesii Malaisse, Sclavo & Crosiers	Dem. Rep. of Congo (Lualaba)	1993	*Bull. Jard. Bot. Natl. Belg.* 62: 215–219	H—BR	VU
E. schmitzii Malaisse	Dem. Rep. of Congo (Haut-Katanga), Zambia	1969	*Bull. Jard. Bot. Natl. Belg.* 39: 401–406	H—BR	VU
E. sclavoi A. Moretti, D.W.Stev. & De Luca	Tanzania (Tanga)	1990	*Mem. New York Bot. Gard.* 57: 156–161	H—K	CR
E. senticosus Vorster	South Africa (KwaZulu-Natal), Swaziland	1996	*S. African J. Bot.* 62(2): 76–79	H—PRE	VU
E. septentrionalis Schweinf.	Sudan, Uganda	1871	*Bot. Zeitung (Berlin)* 29(20): 334	I—K	NT
E. tegulaneus Melville	Kenya	1957	*Kew Bull. 1957*: 249	H—K	LC
subsp. *powysii* Miringu & Beentje	Kenya	1999	*J. E. Afr. Nat. Hist.* 88:35	H—EA	CR
E. transvenosus Stapf & Burtt Davy	South Africa (Limpopo)	1926	*Man. Pl. Transvaal* 1: 40 & 99, fig. 4b	H—PRE	LC
E. trispinosus (Hook.) R.A.Dyer	South Africa (E Cape)	1965	*J. S. African Bot.* 31(2): 112–116, pl. 20	BAS	VU
E. turneri Lavranos & D.L.Goode	Mozambique (Nampula)	1985	*Garcia de Orta,* Ser. Bot. 7(1–2): 11–14	H—LISC	LC
E. umbeluziensis R.A.Dyer	Mozambique, Swaziland	1951	*Fl. Pl. Africa* 28: pl. 1100	H—PRE	EN
E. villosus Lem.	South Africa (E Cape, KwaZulu-Natal), Swaziland	1867	*Ill. Hort.* 14, misc.: 79–80; 15: t. 557	?	LC
E. whitelockii P.J.H.Hurter	Uganda	1995	*Phytologia* 78(6): 410–411, fig. 3	H—PRE	CR
E. woodii Sander	South Africa (KwaZulu-Natal)	1908	*Gard. Chron.*: 257	?	EW

Taxon	Location	Date	Original Source	Type	Status
Synonyms and other names:					
Cycas caffra Thunb.	= *E. caffer*/*E. longifolius*	1775	*Nova Acta Regiae Soc. Sci. Upsal. 2:* 283–288, t. 5	L—t. 5	
E. brachyphyllus Lehm. & De Vriese	= *E. caffer*	1838	*Tijdschr. Natuurl. Gesch. Physiol.* 4: 414, tt. 6–7	?tt. 6–7	
E. eugene-maraisii subsp. *middelburgensis* Lavranos & D.L.Goode	= *E. middelburgensis*	1988	*Bull. Jard. Bot. Natl. Belg.* 58: 219–224	H—PRE	
E. eximius I.Verd.	= *E. cycadifolius*	1934	*Bothalia* 6: 426	H—PRE	
E. flavistrobilus I.Turner & Sclavo	= ?*E. schaijesi*	2006	*Biotechnol. Agron. Soc. Environ.* 10(3): 181–183, figs. 1–4	H—BR	
E. graniticolus Robbertse, Vorster & S. van der Westh.	= *E. dyerianus*	1988	*S. African J. Bot.* 54(4): 363–366, figs. 1–2	H—PRE	
E. hildebrandtii var. *dentatus* Melville	= ?*E. hildebrandtii*	1957	*Kew Bull.*: 248	H—K	
E. horridus var. *trispinosus* Hook.	= *E. trispinosus*	1863	*Bot. Mag.* 89: t. 5371	?t. 5371	
E. imbricans Vorster	= *E. equatorialis*	1995	*Novon* 5(4): 388, figs. 2–5	H—PRE	
E. kanga Pócs & Q.Luke	= ?*E. kisambo*	2007	*J. E. Afr. Nat. Hist.* 96(2): 193–201	H—NHT	
E. kosiensis Hutch.	= *E. ferox*	1932	*Bull. Misc. Inform. Kew*: 512	?	
E. lanuginosus (Jacq.) Lehm.	= *E. longifolius*	1834	*Nov. Stirp. Pug.* 6: 14	BAS	
E. latifolius Sweet	= *Zamia latifolia* = *Z. muricata*	1839	*Hort. Brit. [Sweet]* ed. 3: 626	?	
E. lemarinelianus De Wild. & T.Durand	= *E. poggei*	1900	*Compt. Rend. Soc. Bot. Belg.* 39: 80	?	
E. marumii De Vriese	= *E. altensteinii*	1839	*Tijdschr. Natuurl. Gesch. Physiol.* 5: 187	?	
E. mauritianus Miq.	= *E. longifolius*	1842	*Monogr. Cycad.*: 48	H—U	
E. nanus Lehm. in Hoeven & De Vriese	= *E. horridus*	1837	*Tijdschr. Natuurl. Gesch. Physiol.* 4: 421, t. 8c	?t. 8C	
E. pungens Lehm.	*nomen dubium*	1834	*Nov. Stirp. Pug.* 6: 13	?	
E. spinulosus Lehm.	= *E. lehmannii*	1837–38	*Tijdschr. Natuurl. Gesch. Physiol.* 4: 419, t. 8c	?t. 8C	
E. striatus Stapf & Burtt Davy	*nomen dubium*	1926	*Man. Pl. Transvaal* 1: 40 & 99	?	
E. successibus Vorster	= *E. whitelockii*	1995	*S. African J. Bot.* 61(6): 347	H—K	
E. tridentatus (Willd.) Lehm.	*nomen dubium*, *Macrozamia* or *E.* sp.	1834	*Nov. Stirp. Pug.* 6: 13	?	
E. venetus Vorster	= *E. nubimontanus*	1996	*S. African J. Bot.* 62(2): 71	H—PRE	
E. verrucosus Robbertse, Vorster & S. van der Westh.	= *E. dolomiticus*	1988	*S. African J. Bot.* 54(5): 487–490, figs. 1–3	H—PRE	
E. voiensis A.Moretti, D.W.Stev. & Sclavo	= *E. kisambo*	1989	*Ann. Missouri Bot. Gard.* 76(3): 935	H—K	
LEPIDOZAMIA Regel (2 species: Australia)		1857	*Bull. Soc. Imp. Naturalistes Moscou* 30: 182		

L. hopei (W. Hill) Regel	Australia (Qld)	1876	*Gartenflora* 25: 6	?	LC
★*L. peroffskyana* Regel	Australia (NSW, Qld)	1857	*Bull. Soc. Imp. Naturalistes Moscou* 30: 184–185, fig. 21	H—LE	LC
Synonyms and other names:					
CATAKIDOZAMIA W. Hill	= *LEPIDOZAMIA*	1865	*Gard. Chron.* (1865): 1107		
C. hopei W.Hill	= *L. hopei*	1865	*Gard. Chron.* (1865): 1107	?	
MACROZAMIA Miq. (41 species: Australia)		1842	*Monogr. Cycad.*: 35		
M. cardiacensis P.I.Forst. & D.L.Jones	Australia (Qld)	1998	*Fl. Australia* 48: 717	H—BRI	VU
M. communis L.A.S.Johnson	Australia (NSW)	1959	*Proc. Linn. Soc. New South Wales* 84(1): 98	H—NSW	LC
M. concinna D.L.Jones	Australia (NSW)	1998	*Fl. Australia* 48: 718	H—BRI	LC
M. conferta D.L.Jones & P.I.Forst.	Australia (Qld)	1994	*Austrobaileya* 4(2): 271–273, fig. 1	H—BRI	VU
M. cranei D.L.Jones & P.I.Forst.	Australia (Qld)	1994	*Austrobaileya* 4(2): 273–275, fig. 2	H—BRI	EN
M. crassifolia P.I.Forst. & D.L.Jones	Australia (Qld)	1994	*Austrobaileya* 4(2): 275–276, fig. 3	H—BRI	VU
M. diplomera (F.Muell.) L.A.S.Johnson	Australia (NSW)	1959	*Proc. Linn. Soc. New South Wales* 84(1): 98	L—MEL	LC
M. douglasii W. Hill ex F.M.Bailey	Australia (Qld)	1883	*Syn. Queensland Fl.* 500	?H—MEL	LC
M. dyeri (F.Muell.) C.A.Gardner	Australia (WA)	1930	*Enum. Pl. Austral. Occid.* 3	H—MEL	LC
M. elegans K.D.Hill & D.L.Jones	Australia (NSW)	1998	*Fl. Australia* 48: 718	H—NSW	EN
M. fawcettii C.Moore	Australia (NSW)	1884	*J. & Proc. Roy. Soc. New South Wales* 17: 120	H—NSW	LC
M. fearnsidei D.L.Jones	Australia (Qld)	1991	*Austrobaileya* 3(3): 481	H—CANB	LC
M. flexuosa C.Moore	Australia (NSW)	1884	*J. & Proc. Roy. Soc. New South Wales* 17: 121	H—NSW	EN
M. fraseri Miq.	Australia (WA)	1842	*Monogr. Cycad.*: 37	?H—MEL	LC
M. glaucophylla D.L.Jones	Australia (NSW)	1998	*Fl. Australia* 48: 718	H—CANB	LC
M. heteromera C.Moore	Australia (NSW)	1884	*J. & Proc. Roy. Soc. New South Wales* 17: 122	L—NSW	LC
M. humilis D.L.Jones	Australia (NSW)	1998	*Fl. Australia* 48: 719	H—CANB	VU
M. johnsonii D.L.Jones & K.D.Hill	Australia (NSW)	1992	*Telopea* 5(1): 31	H—CANB	LC
M. lomandroides D.L.Jones	Australia (Qld)	1991	*Austrobaileya* 3(3): 483	H—CANB	EN
M. longispina P.I.Forst. & D.L.Jones	Australia (Qld)	1998	*Fl. Australia* 48: 717	H—BRI	NT
M. lucida L.A.S.Johnson	Australia (NSW, Qld)	1959	*Proc. Linn. Soc. New South Wales* 84(1): 102	H—NSW	LC
M. macdonnellii (F.Muell. ex Miq.) A.DC.	Australia (NT)	1868	*Prodr. [A. P. de Candolle]* 16(2): 537	H—MEL	LC
M. machinii P.I.Forst. & D.L.Jones	Australia (Qld)	1994	*Austrobaileya* 4(2): 276	H—BRI	VU
M. macleayi Miq.	Australia (Qld)	1868	*Arch. Néerl. Sci. Exact. Nat.* 3(5): 250	?H—U	LC
M. miquelii (F.Muell.) A.DC.	Australia (Qld)	1868	*Prodr. [A. P. de Candolle]*16(2): 535	L—MEL	LC

Taxon	Location	Date	Original Source	Type	Status
M. montana K.D.Hill	Australia (NSW)	1998	*Fl. Australia* 48: 717	H—NSW	LC
M. moorei F.Muell.	Australia (Qld)	1881	*Australas. Chem. Drugg*ist 4: 84	?H—MEL	NT
M. mountperriensis F.M.Bailey	Australia (Qld)	1886	*Syn. Queensland Fl.* Suppl. 1:50	N—CANB	LC
M. occidua D.L.Jones & P.I.Forst.	Australia (Qld)	1994	*Austrobaileya* 4(2): 278, fig. 5	H—BRI	VU
M. parcifolia P.I.Forst. & D.L.Jones	Australia (Qld)	1994	*Austrobaileya* 4(2): 279–281, fig. 6	H—BRI	VU
M. pauli-guilielmi W. Hill & F.Muell.	Australia (Qld)	1859	*Fragm. (Mueller)* 1(4): 86	H—MEL	EN
M. platyrhachis F.M.Bailey	Australia (Qld)	1898	*Queensland Agric. J.* 3: 356	H—BRI	VU
M. plurinervia (L.A.S.Johnson) D.L.Jones	Australia (NSW)	1991	*Austrobaileya* 3(3): 484	H—NSW	EN
M. polymorpha D.L.Jones	Australia (NSW)	1998	*Fl. Australia* 48: 718	H—CANB	LC
M. reducta K.D.Hill & D.L.Jones	Australia (NSW)	1998	*Fl. Australia* 48: 718	H—NSW	LC
★*M. riedlei* (Gaudich.) C.A.Gardner	Australia (WA)	1930	*Enum. Pl. Austral. Occid.* 3	H—P	LC
M. secunda C.Moore	Australia (NSW)	1884	*J. & Proc. Roy. Soc. New South Wales* 17: 122	L—MEL	VU
M. serpentina D.L.Jones & P.I.Forst.	Australia (Qld)	2001	*Austrobaileya* 6(1): 90–92, figs. 20–21	H—BRI	NT
M. spiralis (Salisb.) Miq.	Australia (NSW)	1842	*Monogr. Cycad.*: 36	?	EN
M. stenomera L.A.S.Johnson	Australia (NSW)	1959	*Proc. Linn. Soc. New South Wales* 84(1): 106	H—NSW	NT
M. viridis D.L.Jones & P.I.Forst.	Australia (Qld)	1994	*Austrobaileya* 4(2): 281–283, fig. 7	H—BRI	EN
Synonyms and other names:					
M. corallipes Hook. *f.*	= M. spiralis	1872	*Curtis's Bot. Mag* 98: sub t. 5943	L—t. 5943	
M. cylindrica C.Moore	= ?*M. miquelii* or ?*M. johnsonii*	1884	*J. Proc. Roy. Soc. New S. Wales* 17: 119	H—NSW	
M. denisonii C.Moore & F.Muell.	= *Lepidozamia peroffskyana*	1858	*Fragm.* (Mueller) 1(2): 41	L—MEL	
M. hopei C.Moore	= *Ledpidozamia hopei*	1883	*J. Proc. Roy. Soc. New S. Wales* 17: 116	BAS	
M. mackenziei Hort. ex Mast.	= *M. miquelii*	1877	*Gard. Chron.* n.s. 7: 665 (as *M. mackenzii*)	H—BRI	
M. oldfieldii (Miq.) A.DC.	= *M. fraseri*	1868	*Prodr. [A. P. de Candolle]* 16(2): 535	H—MEL	
M. pauli-guilielmi subsp. *flexuosa* (C.Moore) L.A.S.Johnson	= *M. flexuosa*	1959	*Proc. Linn. Soc. New South Wales* 84(1): 109	H—NSW	
M. pauli-guilielmi subsp. *plurinervia* L.A.S.Johnson	= *M. plurinervia* and *M. concinna*	1959	*Proc. Linn. Soc. New South Wales* 84(1): 108	H—NSW	
M. peroffskyana (Regel) Miq.	= *Lepidozamia peroffskyana*	1868	*Arch. Néerl. Sci. Exact. Nat.* 3: 252	BAS	
M. preissii Lehm.	= *M. fraseri*	1844	*Nov. Stirp. Pug.* 8: 31	?H—HBG	
MICROCYCAS (Miq.) A.DC. (1 species: Cuba)		1868	*Prodr. [A. P. de Candolle]* 16(2): 538		
★*Microcycas calocoma* (Miq.) A.DC.	Cuba (Pinar del Río)	1868	*Prodr. [A. P. de Candolle]* 16(2): 538	N—G-DC	CR
STANGERIA T.Moore (1 species: South Africa)		1853	*Hooker's J. Bot. Kew Gard. Misc.* 5: 228		

★*Stangeria eriopus* (Kunze) Baill.	South Africa (E Cape, KwaZulu-Natal)	1892	*Hist. Pl. (Baillon)* 12: 68	?	VU
Synonyms and other names:					
Lomaria eriopus Kunze	= *S. eriopus*	1839	*Linnaea* 13: 152	?	
S. katzeri Regel	= *S. eriopus*	1874	*Gartenflora* 23: 163, t. 798	H—LE	
S. paradoxa T.Moore	= *S. eriopus*	1853	*Hooker's J. Bot. Kew Gard. Misc.* 5: 228	?	
S. schizodon Bull	= *S. eriopus*	1872	*Cat. (Bull)* 72: 8	?H—K	
ZAMIA L. (71 species: South, Central & North America)		1763	*Sp. Pl.* ed. 2, 2: 1659		
Z. acuminata Oerst. ex Dyer	Costa Rica (San José), Nicaragua, Panama (Coclé, Panamá)	1884	*Biol. Cent.-Amer.,* Bot. 3: 190–195	H—C	VU
Z. amazonum D.W.Stev.	Brazil (Amazonas), Colombia, (Amazonas, Vaupés), Ecuador (Morona-Santiago, Napo, Sucumbíos), Peru (Loreto), S Venezuela	2001	*Fl. Colombia* (1983+) 21: 33, fig. 3	H—INPA	NT
Z. amplifolia Hort. W.Bull ex Mast.	Colombia (Valle del Cauca)	1878	*Gard. Chron.* n.s., 10: 810	L—K	CR
Z. angustifolia Jacq.	Bahamas (Eleuthera), Cuba (Guantánamo, Oriente, Santiago de Cuba)	1789	*Collectanea [Jacquin]* 3: 263, pl. 636	L—pl. 636	VU
Z. boliviana (Brongn.) A.DC.	N Bolivia, Brazil	1868	*Prodr. [A. P. de Candolle]* 16(2): 540	L—P	NT
Z. chigua Seem.	Colombia (Chocó, Valle del Cauca)	1854	*Bot. Voy. Herald* 6: 201–203, t. 43	L—t. 43	NT
Z. cremnophila Vovides, Schutzman & Dehgan	Mexico (Tabasco)	1988	*Bot. Gaz.* 149(3): 351	H—MEXU	EN
Z. cunaria Dressler & D.W.Stev.	Panama (Colón, Panamá, Kuna de Wargandi, Kuna Yala)	1993	*Brittonia* 45(1): 5–6, fig. 2	H—NY	VU
Z. decumbens Calonje, Meerman, M.P.Griff. & Hoese	Belize (Cayo, Stann Creek, Toledo)	2009	*J. Bot. Res. Inst. Texas* 3(1): 31–41, figs. 1–3	H—BRH	[CR]
Z. disodon D.W.Stev. & Sabato	Colombia (Antioquia)	2001	*Fl. Colombia* (1983+) 21: 38–40, fig. 4	H—COL	CR
Z. dressleri D.W.Stev.	Panama (Colón, Kuna Yala)	1993	*Brittonia* 45(1): 6, fig. 3	H—NY	EN
Z. elegantissima Schutzman, Vovides & Adams	Panama (Colón, Panamá)	1998	*Phytologia 85(6): 389*	H—MO	EN
Z. encephalartoides D.W.Stev.	Colombia (Santander)	2001	*Fl. Colombia* (1983+) 21: 40–42, fig. 5	H—COL	VU
Z. erosa O.F.Cook & G.N.Collins	Cuba, Jamaica, Puerto Rico	1899	*Contr. U.S. Natl. Herb.* 8: 267	N—NA	VU
Z. fairchildiana L.D.Gómez	Costa Rica (Puntarenas, San José), Panama (Chiriquí)	1982	*Phytologia* 50(6): 401–404	L—USJ	NT
Z. fischeri Miq.	Mexico (Hidalgo, Querétaro, San Luis Potosí, Tamaulipas)	1845	*Hort. Vanhoutt.* 1(1): 20	N—U	EN
Z. furfuracea L. *f.*	Mexico (Veracruz)	1789	*Hortus Kew. (W. Aiton)* 3: 477	L—pl. 210 in *Herm. Parad. Bat.,* 1698	EN

Taxon	Location	Date	Original Source	Type	Status
Z. gentryi Dodson	Ecuador (Carchi, Esmeraldas)	1998	*Novon* 8(1): 12–14, fig. 1a-f	H—QCNE	CR
Z. gomeziana R.H.Acuña	Costa Rica (Limón)	2010	*Brenesia* 73–74: 29–33, fig. 1	H—CR	[VU]
Z. hamannii A.S.Taylor, J.L.Haynes & Holzman	Panama (Bocas del Toro)	2008	*Bot. J. Linn. Soc.* 158(3): 399–429, figs. 6, 7a, 8a	H—PMA	[CR]
Z. herrerae S.Calderón & Standl.	El Salvador (Sonsonate), Guatemala (Quetzaltenango Retalhuleu, Santa Rosa, Suchitepéquez), Mexico (Chiapas)	1924	*J. Wash. Acad. Sci.*14(4): 93–94, fig. 1	H—US	VU
Z. hymenophyllidia D.W.Stev.	Colombia (Amazonas), Peru (Loreto)	2001	*Fl. Colombia* (1983+) 21: 43–44, fig. 6	H—COAH	CR
Z. imperialis A.S.Taylor, J.L.Haynes & Holzman	Panama (Coclé, Panamá, Veraguas)	2008	*Bot. J. Linn. Soc.* 158(3): 399–429, figs. 7c, 8c, 11	H—PMA	[CR]
Z. incognita A.Lindstr. & Idárraga	Colombia (Antioquia, Boyacá, Santander)	2009	*Phytotaxa* 2: 29–34, figs. 1–3	H—HUA	[VU]
Z. inermis Vovides, J.D.Rees & Vázq. Torres	Mexico (Veracruz)	1983	*Fl. Veracruz*26: 22–24, fig. 3	H—XAL	CR
Z. integrifolia L. *f.*	Bahamas, Cayman Islands, Cuba, USA (Florida, Georgia)	1789	*Hortus Kew. (W. Aiton)* 3: 478	H—BM	NT
Z. ipetiensis D.W.Stev.	Panama (Panamá, Kuna Yala)	1993	*Brittonia* 45(1): 7–9, fig. 4	H—NY	EN
Z. katzeriana (Regel) E. Rettig	Mexico (Chiapas, Tabasco, Veracruz)	1896	*Gartenflora* 45: 148–149,fig. 31	L—LE	EN
Z. lacandona Schutzman & Vovides	Mexico (Chiapas)	1998	*Novon* 8(4): 441–446, figs. 1–3	H—FLAS	EN
Z. lecointei Ducke	Brazil (Pará), Colombia (Amazonas), Peru (Loreto), Venezuela (Amazonas)	1915	*Arch. Jard. Bot. Rio de Janeiro* 1: 9–10, pls. 1–2	H—MG	NT
Z. lindenii Regel ex André	Ecuador (Azuay, Bolivar, Chimborazo, El Oro, Esmeraldas, Guayas, Los Ríos, Manabi, Pichincha), Peru (Tumbes)	1875	*Ill. Hort.* 22: 23, pl. 195	L—pl.195	[DD]
Z. lindleyi Warsz. ex A.Dietrich	Panama (Bocas del Toro, Chiriqui)	1851	*Allg. Gartenzeitung* 19: 145–146, fig. *s.n.*	L—*icone s.n.*	[DD]
Z. loddigesii Miq.	Mexico (Chiapas, Hidalgo, Oaxaca, Tabasco, Tamaulipas, Veracruz)	1843	*Tijdschr. Natuurl. Gesch. Physiol.* 10: 72–73	L—U	NT
Z. lucayana Britton	Bahamas (Abaco, Long Island)	1907	*Bull. New York Bot .Gard.* 5(18): 311	H—NY	EN
Z. macrochiera D.W.Stev.	Peru (Loreto)	2004	*Cycad Classific. Concepts & Recommend.*: 185–186, fig. 14.7	H—NY	CR
Z. manicata Linden ex Regel	Colombia (Antioquia, Chocó), Panama (Darién)	1876	*Trudy Imp. S.-Peterburgsk. Bot. Sada* 4: 310, t. 926, fig. e	L—t. 926, fig. e	NT
Z. meermanii Calonje	Belize (Belize, Cayo)	2009	*J. Bot. Res. Inst. Texas* 3(1): 23–29, figs. 1–2	H—BRH	[EN]

Z. melanorrhachis D.W.Stev.	Colombia (Antioquia, Córdoba, Santander)	2001	*Fl. Colombia* 21: 55, fig. 11	H—COL	EN
Z. montana A.Braun	Colombia (Antioquia, Risaralda)	1875	*Monatsber. Königl. Preuss. Akad. Wiss. Berlin*: 376	N—NY	CR
Z. monticola Chamb.	Guatemala (Alta Verapaz)	1926	*Bot. Gaz.* 81: 219, 223, figs. 1–3	H—MO	CR
Z. muricata Willd.	Colombia (La Guajira, Meta,), Venezuela (Carabobo, Falcón, Guárico, Lara, Miranda, Yaracuy)	1806	*Sp. Pl.* ed. 4 *[Willdenow]*, 4: 847–848	H—B-W	NT
Z. nesophila A.S.Taylor, J.L.Haynes & Holzman	Panama (Bocas del Toro)	2008	*Bot. J. Linn. Soc.* 158(3): 399–429, figs. 7b, 8b, 10	H—PMA	[CR]
Z. neurophyllidia D.W.Stev.	Costa Rica, S Nicaragua, Panama (Bocas del Toro)	1993	*Brittonia* 45(1): 10, fig. 5	H—PMA	VU
Z. obliqua A.Braun	Colombia (Antioquia, Chocó, Valle del Cauca), Panama (Darién, Panamá)	1875	*Monatsber. Königl. Preuss. Akad. Wiss. Berlin*: 376	N—BM	NT
Z. onan-reyesii C.Nelson & G.Sandoval	Honduras (Cortés)	2008	*Ceiba* 49(1): 135–136, figs. 1–6	H—TEFH	[CR]
Z. oreillyi C.Nelson	Honduras (Atlántida)	2006	*Ceiba* 46(1): 41–44, figs. 11–13	H—TEFH	VU
Z. paucijuga Wieland	Mexico (Colima, Guerrero, Jalisco, Michoacán, Nayarit, Oaxaca)	1916	*American Fossil Cycads* 2: 212, fig. 86	L—fig. 86	NT
Z. poeppigiana Mart. & Eichler	Brazil (Acre), Peru (Amazonas, Huánuco, Loreto, Pasco, San Martin, Ucayali)	1863	*Fl. Bras. (Martius)* 4(1): 414–416, pls. 108–109	L—F	NT
Z. portoricensis Urban	W Puerto Rico	1899	*Symb. Antill.* 1: 291	I—NY	EN
Z. prasina W.Bull	Belize (Belize, Cayo, Orange Walk, Stann Creek, Toledo), Guatemala (Petén), Mexico (Campeche, Chiapas, Tabasco, Quintana Roo, Yucatán)	1881	*Retail List*: 20	H—K	NT
Z. pseudomonticola L.D.Gómez	Costa Rica (Puntarenas), Panama (Chiriquí)	1982	*Phytologia* 50(6): 401–404	H—CR	NT
Z. pseudoparasitica Yates in Seem.	Panama (Bocas del Toro, Coclé, Colón, Veraguas)	1854	*Bot. Voy. Herald* 6: 201–203, 253	H—BM	NT
⋆*Z. pumila* L.	Cuba, Domican Republic, Puerto Rico	1763	*Sp. Pl.* ed. 2, 2: 1659	L—t. 58 in *Horti Med. Amstelod* 1, 1697	NT
Z. purpurea Vovides, J.D.Rees & Vázq. Torres	Mexico (Oaxaca, Veracruz)	1983	*Flora de Veracruz* 26: 28–31	H—XAL	CR
Z. pygmaea Sims	Cuba (W Cuba, Isla de la Juventud)	1815	*Bot. Mag.* 43: t.1741	H—BM	CR

Taxon	Location	Date	Original Source	Type	Status
Z. pyrophylla Calonje, D.W.Stev. & A. Lindstr.	Colombia (Chocó)	2010	*Brittonia* 62(1): 80–85, figs. 1–2	H—CHOCO	[CR]
Z. restrepoi (D.W.Stev.) A.Lindstr.	Colombia (Cordoba)	2009	*Taxon* 58(1): 268	H—HUA	CR
Z. roezlii Linden	Colombia (Amazonas, Chocó, Nariño, Valle del Cauca), Ecuador (Esmeraldas, Imbabura)	1873	*Catalogue des Plantes Nouvelles* 9: 10	H—K	NT
Z. sandovalii C.Nelson	Honduras (Atlántida)	2006	*Ceiba* 46(1): 41–44, figs. 1–10	H—TEFH	NT
Z. skinneri Warsz. ex A.Dietrich	Panama (Bocas del Toro)	1851	*Allg. Gartenzeitung* 19: 146, fig. *s.n.*	L—fig. *s.n.*	EN
Z. soconuscensis Schutzman, Vovides & Dehgan	Mexico (Chiapas)	1988	*Bot. Gaz.* 149(3): 347–351, figs. 1–3	H—F	VU
Z. spartea A.DC.	Mexico (Oaxaca)	1868	*Prodr. [A. P. de Candolle]* 16(2): 539	H—G-DC	CR
Z. standleyi Schutzman	Guatemala (Izabal), Honduras (Atlántida, Colón, Cortés, Olancho, Santa Barbara, Yoro)	1989	*Syst. Bot.* 14(2): 214–219, figs. 1–2	H—FLAS	VU
Z. stricta Miq.	Cuba (Oriente)	1851	*Verh. Nederl. Inst.* 3(4): 183	H—U	VU
Z. tolimensis Calonje, H.E.Esquivel & D.W.Stev.	Colombia (Tolima)	2011	*Brittonia* 63(4): 442–451, figs. 1–2	H—TOLI	[CR]
Z. tuerckheimii Donn.Sm.	Guatemala (Alta Verapaz)	1903	*Bot. Gaz.* 35(1): 8, pl. 1	H—US	NT
Z. ulei U.Dammer	W Brazil, Colombia (Amazonas, Guainía), Ecuador (Napo, Pastaza), Peru (Loreto, Madre de Dios)	1907	*Verh. Bot. Vereins Prov. Brandenburg* 47: 117–118	L—HBG	NT
Z. urep B.Walln.	Peru (Huánuco)	1996	*Linz. Biol. Beitr.* 28(2): 1056	H—W	CR
Z. variegata Warsz.	Belize (Toledo), Guatemala (Alta Verapaz, Izabal), Mexico (Chiapas)	1845	*Allg. Gartenzeitung* 32: 252–253	N—NY	EN
Z. vazquezii D.W.Stev., Sabato & De Luca	Mexico (Veracruz)	1998	*Delpinoa* 37–38: 9–17 (1995–96 publ. 1998), figs. 1–4	H—NY	CR
Z. wallisii A.Braun	Colombia (Antioquia)	1875	*Monatsber. Königl. Preuss. Akad. Wiss. Berlin*: 376	L—S	CR
Synonyms and other names:					
AULACOPHYLLUM Regel	= *ZAMIA*	1876	*Gartenflora* 25: 141		
A. lindenii (Regel ex André) Regel	= *Z. lindenii*	1876	*Gartenflora* 25: 141	BAS	
A. montanum (A.Braun) Regel	= *Z. montana*	1876	*Gartenflora* 25: 141	BAS	
A. ortgiesii Regel	= *Z. chigua*	1876	*Gartenflora* 25: 141	H—LE	
A. roezlii (Linden) Regel	= *Z. roezlii*	1876	*Gartenflora* 25: 141	BAS	
⋆*A. skinneri* (Warsz. ex A.Dietrich) Regel	= *Z. skinneri*	1876	*Gartenflora* 25: 143	BAS	
A. wallisii (Hort. Veitch ex A.Braun) Regel	= *Z. wallisii*	1876	*Gartenflora* 25: 143	BAS	

Chigua bernalii D.W.Stev.	= *Z. restrepoi*	1990	*Mem. New York Bot. Gard.* 57: 169–172, fig. 1i	H—COL
Chigua restrepoi D.W.Stev.	= *Z. restrepoi*	1990	*Mem. New York Bot. Gard.* 57: 169–172, figs. 1a-h	H—HUA
Z. allison-armourii Millsp.	= *Z. pumila*	1900	*Publ. Field Columb. Mus.,* Bot. ser. 2: 23	H—F
Z. amblyphyllidia D.W.Stev.	= *Z. erosa*	1987	*Fairchild Trop. Gard. Bull.* 42(3): 26	
Z. angustissima Miq.	= *Z. angustifolia*	1851	*Verh. Nederl. Inst.* 3(4): 184	H—U
Z. baraquiniana Mast.	= *Z. poeppigiana*	1876	*Gard. Chron. (1868): 349*	N—LE
Z. brongniartii Wedd.	*nomen illeg.* = *Z. boliviana*	1849	*Ann. Sci. Nat., Bot.* ser. 3, 13: 249, pl. 3	H—P
Z. bussellii Schutzman, R.S.Adams, J.L.Haynes & Whitelock	= *Z. onan-reyesii*	2008	*Cycad Newslett.* 31(2/3): 22–26, figs 1–16, 18–19	H—FLAS
Z. calocoma Miq.	= *Microcycas calocoma*	1852	*Fl. Serres* 7(6): 141	N—G-DC
Z. chamberlainii J.Schust.	= *Z. pygmaea*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 153	?
Z. cupatiensis Ducke	= *Z. ulei*	1922	*Arch. Jard. Bot. Rio de Janeiro* 3: 20, pl. 1	pl. 1
Z. cycadifolia Dyer	*nomen illeg.* = *Z. loddigesii*	1884	*Biol. Cent.-Amer., Bot.* 3: 195	H—K
Z. cycadifolia Jacq.	= *Encephalartos cycadifolius*	1801	*Fragm. Bot.* 1: 27, tt. 25–26	tt. 25–26
Z. cycadis L.f.	= *Encephalartos caffer*	1782	*Suppl. Pl.:* 443	?
Z. debilis L.f.	= *Z. pumila*	1789	*Hortus Kew. (W. Aiton)* 3: 478	t. 58 in *Horti Med. Amstelod* 1, 1697
Z. dentata Voigt	= ?*Z. integrifolia*	1828	*Syll. Pl. Nov. 2: 53*	?
Z. floridana A.DC.	= *Z. integrifolia*	1868	*Prodr. [A. P. de Candolle]* 16(2): 544	H—G-DC
Z. furfuracea var. *trewii* A.DC.	= *Z. furfuracea*	1868	*Prodr. [A. P. de Candolle]* 16(2): 541	H—G
Z. galeotti de Vriese	= *Z. loddigesii*	1845	*Tijdschr. Natuurl. Gesch. Physiol.* 12: 24	N —NY
Z. guggenheimiana Carabia	= *Z. angustifolia*	1941	*Caribbean Forest.* 2: 89	H—NY
Z. gutierrezii Sauvalle	= *Z. muricata*	1868	*Anales Acad. Ci. Med. Habana (reimp. 2)* 5: 54–55	H—HAC
Z. horrida Jacq.	= *Encephalartos horridus*	1801	*Fragm. Bot.* 1: 27, t. 28	t. 28
Z. humilis Salisb.	*nomen illeg.*= *Z. integrifolia*	1796	*Prodr. Stirp. Chap. Allerton:* 400	?
Z. jirijirimensis R.E.Schult.	= *Z. lecointei*	1953	*Mutisia* 15: 2, fig. p. 5 *s.n.*	H—GH
Z. kickxii Miq.	= *Z. pygmaea*	1842	*Monogr. Cycad.*: 71, t. 8	H—U
Z. laeta Salisb.	*nomen illeg.* = Z. debilis = *Z. pumila*	1796	*Prodr. Stirp. Chap. Allerton: 400*	?
Z. lanuginosa Jacq.	= *Encephalartos longifolius*	1801	*Fragm. Bot.* 1: 28, tt. 30–31	tt. 30–31
Z. latifolia Lodd. ex Miq.	= Z. furfuracea	1849	*Tijdschr. Wis-Natuurk. Wetensch. Eerste Kl. Kon. Ned. Inst. Wetensch.* 2: 298	L—t. 7, fig. a in *Linnaea* 19, 1847
Z. latifoliolata Prenl.	= *Z. pumila*	1872	*Bull. Soc. Vaud. Sci. Nat.* 11: 278	H—LAU
Z. lawsoniana Dyer	= *Z. loddigesii*	1884	*Biol. Cent.-Amer., Bot.* 3: 195	H—OX

Taxon	Location	Date	Original Source	Type	Status
Z. leiboldii Miq.	= *Z. loddigesii*	1847	*Linnaea* 19: 425	H—U	
Z. leiboldii var. angustifolia	= *Z. loddigesii*	1876	*Trudy Imp. S.-Peterburgsk. Bot. Sada* 4: 307	N—NY	
Z. leiboldii var. *latifolia* Regel	= *Z. loddigesii*	1876	*Trudy Imp. S.-Peterburgsk. Bot. Sada* 4: 307	H—LE	
Z. loddigesii var. *angustifolia* Regel	= *Z. loddigesii*	1857	*Bull. Soc. Imp. Naturalistes Moscou* 30: 190	H—LE	
Z. loddigesii var. *longifolia* J.Schust.	= *Z. loddigesii*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 147	L—LE	
Z. loddigesii var. *obtusifolia* Regel	= *Z. loddigesii*	1857	*Bull. Soc. Imp. Naturalistes Moscou* 30: 190	L—t. 186, figs. 27–28 in *Gartenflora* 6, 1857	
Z. longifolia Jacq.	= *Encephalartos longifolius*	1801	*Fragm. Bot.* 1: 28, t. 29	t. 29	
Z. madida R.E.Schult.	= *Z. manicata*	1958	*Bot. Mus. Leafl.* 18: 114, pl. 18	H—GH	
Z. maeleni Miq.	= *Dioon edule*	1844	*Linnaea* 18(1): 96–98	H—U	
Z. media Jacq.	= *Z. integrifolia*	1798	*Pl. Rar. Hort. Schoenbr.* 3: 77, tt. 397, 398	t. 398	
Z. mexicana Miq.	= *Z. loddigesii*	1861	*Prodr. Syst. Cycad.:* 13–14, 25–26	H—U	
Z. multifoliolata A.DC.	= *Z. angustifolia*	1868	*Prodr. [A. P. de Candolle]* 16(2): 545	H—G-DC	
Z. muricata var. *angustifolia* Miq.	= *Z. muricata*	1842	*Monogr. Cycad.*: 66	H—U	
Z. muricata var. *obtustifolia* Miq.	= *Z. muricata*	1843	*Tijdschr. Natuurl. Gesch. Physiol.* 10: 71–72	L—t. 7, fig. a in *Linnaea* 19, 1847	
Z. noeffiana Linden ex Wittm.	*nomen dubium*	1897	*Gartenflora* 46: 358	?	
Z. obidensis Ducke	= *Z. lecointei*	1922	*Arch. Jard. Bot. Rio de Janeiro* 3: 19	H—MG	
Z. obliqua Regel ex A. Ducos	= *Z. obliqua*	1877	*Ill. Hort.* 24: 140, pl. 289	pl. 289	
Z. oligodonta E.Calderón & D.W.Stev.	= *Z. montana*	2003	*Revista Acad. Colomb. Ci. Exact.* 27(105): 486–490	H—FMB	
Z. ottonis Miq.	= *Z. pygmaea*	1843	*Linnaea* 17: 740	H—U	
Z. pallida Salisb.	*nomen illeg.*= *Z. pungens*=*E. pungens*	1796	*Prodr. Stirp. Chap. Allerton:* 401	?	
Z. picta Dyer	= *Z. variegata*	1884	*Biol. Cent.-Amer., Bot.* 3: 194	H—U	
Z. polymorpha D.W.Stev., A. Moretti & Vázq.Torres	= *Z. prasina*	1998	*Delpinoa* 37–38: 3–8 (1995–96 publ. 1998), fig. 1	H—NY	
Z. potemkinii Hort. ex Miq.	*nomen dubium*	1869	*Verh. Kon. Akad. Wetensch.* Ser. 2, 4: 30	?	

Z. pungens L.f. in Aiton	= *E. pungens*	1789	*Hort. Kew. (W. Aiton)* 3: 478	?
Z. silicea Britton	= *Z. pygmaea*	1916	*Bull. Torrey Bot. Club* 43: 462	H—NY
Z. silvicola Small	= *Z. integrifolia*	1926	*J. New York Bot. Gard.* 17: 128, figs. 1,2	H—NY
Z. splendens Schutzman	= *Z. katzeriana*	1984	*Phytologia* 55(5): 299–303	H—FTG
Z. sylvatica Chamb.	= *Z. loddigesii*	1926	*Bot. Gaz.* 81: 223, 225, fig. 4	L—NY
Z. tenuis Willd.	= *Z. integrifolia*	1806	*Sp. Pl. ed. 4 [Willdenow]* 4(2): 846	H—B-W
Z. umbrosa Small	= *Z. integrifolia*	1921	*J. New York Bot. Gard.* 22: 136, in adnot.	L—NY
Z. verschaffeltii Miq.	*nomen dubium*	1869	*Verh. Kon. Akad. Wetensch. Ser. 2,* 4: 31–32	H—U
Z. wielandii J.Schust.	*nomen illeg.*= *Z. baraquiniana*=*Z. poeppigiana*	1932	*Pflanzenr. (Engler)* 99 (IV. 1): 149	
Z. yatesii Miq.	= *Z. angustifolia*	1851	*Verh. Nederl. Inst.* 3(4): 182	H—U

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