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Huberantha, a replacement name for *Hubera* (Annonaceae: Malmeoideae: Miliuseae)

Tanawat Chaowasku¹, David M. Johnson², Raymond W. J. M. van der Ham³ & Lars W. Chatrou⁴

Summary. A replacement generic name, *Huberantha* Chaowasku, is proposed for the recently described genus *Hubera* Chaowasku segregated from *Polyalthia* Blume because the name *Hubera* has been recommended to be treated as a later homonym of *Huberia* DC. (Melastomataceae) by the nomenclature committee for vascular plants. Consequently, new combinations of twenty-seven species presently recognised are made under *Huberantha*.

Key Words. New combination, nomenclature, *Polyalthia*.

Introduction

The genus *Hubera* Chaowasku is a member of tribe Miliuseae of subfamily Malmeoideae of the pantropical family Annonaceae (Chaowasku *et al.* 2014). It was recently established and characterised using a combination of molecular phylogenetic and morphological evidence to accommodate a clade of *Polyalthia* Blume species distantly related to *Polyalthia* s.s. and allied to *Miliusa* Lesch. ex A. DC. (Chaowasku *et al.* 2012). The genus is widely distributed, ranging from East Africa and Madagascar through southern and southeastern Asia to Malesia and the southwestern Pacific, and is morphologically circumscribed by the presence of reticulate tertiary venation of leaves, axillary inflorescences, a single ovule/seed per ovary/monocarp, seeds with a flat to slightly raised raphe, spiniform(-flattened peg) endosperm ruminations and pollen with a finely and densely granular infratectum (Chaowasku *et al.* 2012).

According to the recommendation of the nomenclature committee for vascular plants to treat *Hubera* as a later homonym of *Huberia* DC. (Melastomataceae) (Applequist 2014; see also relevant literature: McNeill *et al.* 2012 [Art. 53.3 of International Code of Nomenclature for Algae, Fungi, and Plants] and Chaowasku 2013), the

generic name *Huberantha* Chaowasku is proposed as a replacement name for *Hubera*. The new combinations of twenty-seven species presently recognised are accordingly made under *Huberantha*; for other relevant information about the genus, including homotypic synonym(s) of each species (if any), consult Chaowasku *et al.* (2012).

***Huberantha* Chaowasku, nom. nov.** Type: *Huberantha cerasoides* (Roxb.) Chaowasku.

<http://www.ipni.org/urn:lsid:ipni.org:names:77146143-1>

Replacement name for *Hubera* Chaowasku, in Chaowasku *et al.*, *Phytotaxa* 69: 46 (2012), **nom. illegit.**, non *Huberia* DC.

ETYMOLOGY. The replacement name *Huberantha* means “Huber’s flowers”. Similar to *Hubera* (see Chaowasku *et al.* 2012: 47), it is also named in honour of Prof. Herbert Huber (1931 – 2005), but *Huberantha* highlights the importance of flowers (and structures associated with flowers [pollen] or derived from flowers [seeds]) as features to distinguish this genus from several morphologically similar genera in tribe Miliuseae, i.e. *Marsyppetalum* Scheff., *Monoon* Miq.,

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Polyalthia s.s., and *Trivalvaria* (Miq.) Miq. (Chaowasku *et al.* 2012; 2014).

New combinations under *Huberantha*

1. *Huberantha amoena* (A. C. Sm.) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146144-1>

Polyalthia amoena A. C. Sm., *J. Arnold Arbor.* 31: 159 (Smith 1950).

2. *Huberantha capillata* (A. C. Sm.) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146146-1>

Polyalthia capillata A. C. Sm., *J. Arnold Arbor.* 31: 158 (Smith 1950).

3. *Huberantha ceramensis* (Boerl.) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146147-1>

Polyalthia ceramensis Boerl., *Icon. Bogor.* 1: t. 65 (Boerlage 1899).

4. *Huberantha cerasoides* (Roxb.) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146148-1>

Uvaria cerasoides Roxb., *Pl. Coromandel* 1: 30 (Roxburgh 1795).

5. *Huberantha decora* (Diels) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146149-1>

Polyalthia decora Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 342 (1925).

6. *Huberantha forbesii* (F. Muell. ex Diels) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146150-1>

Polyalthia forbesii F. Muell. ex Diels, *Bot. Jahrb. Syst.* 49: 131 (1912b).

7. *Huberantha gracilis* (Burck) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146151-1>

Polyalthia gracilis Burck, *Nova Guinea* 8: 430 (1911).

8. *Huberantha henrici* (Diels) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146152-1>

Polyalthia henrici Diels, *Notizbl. Bot. Gart. Berlin-Dahlem* 9: 342 (1925).

9. *Huberantha hirta* (Miq.) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146154-1>

Monoon hirtum Miq., *Ann. Mus. Bot. Lugduno-Batavi* 2: 16 (Miquel 1865).

10. *Huberantha humblotii* (Drake ex Cavaco & Keraudren) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146155-1>

Polyalthia humblotii Drake ex Cavaco & Keraudren, *Bull. Jard. Bot. État Bruxelles* 27: 77 (1957).

11. *Huberantha jenkinsii* (Hook. f. & Thomson) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146156-1>

Guatteria jenkinsii Hook. f. & Thomson, *Fl. Ind.* 1: 141 (Hooker & Thomson 1855).

12. *Huberantha keraudreniae* (Le Thomas & G. E. Schatz) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146157-1>

Polyalthia keraudreniae Le Thomas & G. E. Schatz, in Schatz & Le Thomas, *Bull. Mus. Natl. Hist. Nat., B, Adansonia Sér. 4* 12: 124 (1990) [as '*keraudrenii*'].

13. *Huberantha korinti* (Dunal) Chaowasku, **comb. nov.**

<http://www.ipni.org/urn:lsid:ipni.org:names:77146158-1>

Guatteria korinti Dunal, *Monogr. Anonac.*: 133 (1817).

- 14. Huberantha leptopoda** (Diels) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146160-1>
Polyalthia leptopoda Diels, *Bot. Jahrb. Syst.* 52: 179 (1915).
- 15. Huberantha loriformis** (Gillespie) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146161-1>
Polyalthia loriformis Gillespie, *Bull. Bernice P. Bishop Mus.* 83: 4 (1931).
- 16. Huberantha mossambicensis** (Vollesen) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146162-1>
Polyalthia mossambicensis Vollesen, *Bot. Not.* 133: 403 (1980a).
- 17. Huberantha multistamina** (G. E. Schatz & Le Thomas) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146163-1>
Polyalthia multistamina G. E. Schatz & Le Thomas, *Bull. Mus. Natl. Hist. Nat., B, Adansonia Sér.* 4 12: 126 (1990).
- 18. Huberantha nitidissima** (Dunal) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146164-1>
Unona nitidissima Dunal, *Monogr. Anonac.*: 109 (1817).
- 19. Huberantha pendula** (Capuron ex G. E. Schatz & Le Thomas) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146165-1>
Polyalthia pendula Capuron ex G. E. Schatz & Le Thomas, *Bull. Mus. Natl. Hist. Nat., B, Adansonia Sér.* 4 12: 128 (1990).
- 20. Huberantha perrieri** (Cavaco & Keraudren) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146166-1>
Polyalthia perrieri Cavaco & Keraudren, *Bull. Jard. Bot. État Bruxelles* 27: 75 (1957).
- 21. Huberantha rumphii** (Blume ex Hensch.) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146167-1>
Guatteria rumphii Blume ex Hensch., *Vita Rumphii*: 153 (Henschel 1833).
- 22. Huberantha sambiranensis** (Capuron ex Le Thomas & G. E. Schatz) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146168-1>
Polyalthia sambiranensis Capuron ex Le Thomas & G. E. Schatz, in Schatz & Le Thomas, *Bull. Mus. Natl. Hist. Nat., B, Adansonia Sér.* 4 12: 116 (1990).
- 23. Huberantha stuhlmannii** (Engl.) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146169-1>
Unona stuhlmannii Engl., *Pflanzenw. Ost-Afrikas C*: 179 (Engler 1895).
- 24. Huberantha tanganyikensis** (Vollesen) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146170-1>
Polyalthia tanganyikensis Vollesen, *Bot. Not.* 133: 56 (1980b).
- 25. Huberantha trichoneura** (Diels) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146171-1>
Polyalthia trichoneura Diels, *Nova Guinea* 8: 871 (1912a).
- 26. Huberantha verdcourtii** (Vollesen) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146172-1>
Polyalthia verdcourtii Vollesen, *Bot. Not.* 133: 56 (1980b).
- 27. Huberantha vitiensis** (Seem.) Chaowasku, **comb. nov.**
<http://www.ipni.org/urn:lsid:ipni.org:names:77146173-1>
Polyalthia vitiensis Seem., *Fl. Vit.*: 4 (Seemann 1865).

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