

Hilliard et al. 1997

+ Burtt

New names in Epithema (Gesneriaceae).

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REFNO:

KEYWORDS:

**Borneo, Burma, Epithema, [Indonesia], Malaysia, Philippines, Solomon Islands,
Sumatra, Timor**

An examination of accession 19901449 and of the type specimen showed clearly that this species belonged to the genus *Elettariopsis* Baker. A new combination is required in order to transfer *Amomum unifolium* to *Elettariopsis*, as follows:

***Elettariopsis unifolia* (Gagnep.) M.F. Newman, comb. nov.**

Syn.: *Amomum unifolium* Gagnep. in Bull. Soc. Bot. France 54: 403 (1907).

Amomum Roxb. and *Elettariopsis* Baker can be distinguished only by looking at a combination of characters. No single character will separate them. Characters which are usually present in *Elettariopsis* and usually absent from *Amomum*, as discussed by Holttum (1950) and Kam (1982), are: (1) rhizomes slender, wide creeping with well-spaced leafy shoots; (2) leafy shoots almost invariably single-leaved; (3) leaves long-petiolate; (4) bracts sometimes subtending more than two flowers; (5) bracteoles open to the base; and (6) anther with a concave, squarish crest which is longer than the thecae but lacks spreading lobes. *Elettariopsis unifolia* possesses all these characters except that no bracts have been found to subtend more than two flowers in the material seen.

Additional material examined. VIETNAM. Đông Nai Province, Nam Bai Cát Tiên National Park, c.100m altitude, spreading herb on flat land in degraded primary forest, January 1990, M.F. Newman 747 (herbarium and spirit collections made 30 v 1995 from living material with accession number 19901449), E.

References

- HOLTTUM, R. E. (1950). The Zingiberaceae of the Malay Peninsula. *Gard. Bull. Singapore* 13: 1-249.
 KAM YEE KIEW (1982). The genus *Elettariopsis* (Zingiberaceae) in Malaya. *Notes Roy. Bot. Gard. Edinburgh* 40: 139-152.
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New names in *Epithema* (Gesneriaceae)

New names required in *Epithema* are published here in advance of the full revision of the genus, now in preparation. Lectotypes cited are chosen here and full justification, where needed, will be given in the revision.

***Epithema dentatum* (C.B. Cl.) Hilliard & Burtt, comb. et stat. nov.**

Lectotype: Burma [Myanmar], Moulmein, Farm Cave Rocks, *Parish* 63 (K).

Syn.: *E. carnosum* Benth. var. *dentatum* C.B. Cl. in A. & C. DC., *Monogr. Phan.* 5: 177 (1883).

subsp. **dentatum** var. **pusillum** (C.B. Cl.) Hilliard & Burtt, **comb. nov.**

Syn.: *E. carnosum* var. *pusillum* C.B. Cl. in A. & C. DC., Monogr. Phan. 5: 178 (1883).

subsp. **hispidum** (C.B. Cl.) Hilliard & Burtt, **comb. et stat. nov.**

Syn.: *E. carnosum* Benth. var. *hispidum* C.B. Cl. in A. & C. DC., Monogr. Phan. 5: 178 (1883).

Epithema dolichopodum Hilliard & Burtt, **sp. nov.** *E. saxatili* Bl. et *E. sarawakensis* (vide infra) affinis sed ab ambabus caule brevissimo, foliis longipetiolatis et inflorescentiis longipedunculatis habitum quasi caespitosum facientibus facile distinguitur. Type: Sabah, Lahad Datu distr., Bukit Tempadong along Segama river, 100–150m, 11 vi 1984, *Beaman* 10068 (holo. E; iso. MSC, US).

Epithema horsfieldii (R. Br.) DC. var. **epiphyllum** Hilliard & Burtt, **var. nov.** a var. *horsfieldii* inflorescentiis saepissime supra costae basin orientibus, corollae tubo intus glabro vel subglabro differt.

Type: W Sumbawa, Mt Batielante, N of Batudulang, 600m, iv 1961, *Kostermans* 18839 (holo. L, iso. K).

Epithema longipetiolatum (Merr.) Hilliard & Burtt, **comb. et stat. nov.**

Syn.: *E. brunonis* (Wall.) Decne. var. *longipetiolatum* Merr. in Phil. J. Sci. sect. C. Bot. 11: 313 (1916).

Epithema longitubum Hilliard & Burtt, **sp. nov.** ab *E. brunonis* (Wall.) Decne. corollae tubo intus ad basin piloso (nec glabro), tubo 8–11mm longo (nec 4–7mm tantum) distinguenda.

Type: Timor, Nasinutan, c.900m, 11 iii 1939, *Bloembergen* 3458 (holo. L).

Epithema madulidii Hilliard & Burtt, **sp. nov.** ab *E. saxatili* Bl. calycis lobis intus pilis acutis pubescentibus (nec, glandulis exceptis, glabris) et corollae tubo intus glabro distinguenda.

Type: Philippine Islands, Coron Island (N of Palawan), Bariol, *Madulid*, *Agoo*, *Reynoso & Fuentes* PP1 11563 (holo. PNH, iso. E).

Epithema parvibracteatum Hilliard & Burtt, **sp. nov.** ab *E. saxatili* Bl. indumento hispido, bractea minore flores haud cingente, operculo ovarii pilis plerumque et rectis et hamatis intermixtis induto differt.

Type: Malaysia, Selangor, Batu Caves, 3 xi 1953, *Sinclair* 7821 (holo. E).

Epithema rennellense Hilliard & Burtt, **sp. nov.** ab *E. longipetiolato* (vide supra) foliis in proportione longitudini latioribus obtusioribus, calycis et corollae tubis saepissime longioribus, ovarii operculo aut glabro aut parcissime pubescente pilis hamatis differt.

Type: Solomon Islands, Rennell Island, 18 viii 1962, *Dissing* (Noona Dan Exped.) 2738 (holo. E, iso. C).

han. 5: 178

Epithema sarawakense Hilliard & Burt, **sp. nov.** ab *E. saxatili* Bl. habitu effusiore, foliis superioribus haud (vel rarissime) jugatis 3–5 sequenter productis longe petiolatis, operculo ovarii vel glabro vel pilis hamatis paucis tantum praedito distinguitur. Type: Sarawak, Fifth Div., N of Sungai Medalam, foot of Gunung Buda, 20 vi 1975, *Burt* 8336 (holo. E, iso. SAR).

gr. Phan. 5:

sarawakensis
is et inflor-
listinguitur.
100–150m,

Epithema steenisii Hilliard & Burt, **sp. nov.** ab *E. tenero* (vide infra) marginibus foliorum serratis vel serrulatis (nec obscure crenulatis) et indumento calycis e pilis 0.75–1mm longis (sine aliis minimis hamatis numerosioribus interspersis) praecipue differt.

Type: NW Sumatra, Atjeh, Gaju & Alas Lands, Gadjah via Oreng to Pendeng, 600m, 16 ii 1937, *van Steenis* 8825 (holo. L, iso. K).

nov. a var.
e tubo intus

Epithema strigosum (C.B. Cl.) Hilliard & Burt, **comb. et stat. nov.**

Syn.: *E. brunonis* (Wall.) Decne. var. *strigosum* C.B. Cl. in A. & C. DC., Monogr. Phan. 5: 179 (1883).

Lectotype: W Sumatra, Singalang, *Korthals* 692 (L; originally labelled Java, *Blume* 692 and so quoted by Clarke).

Kostermans

Sci. sect. C.

subsp. ***philippinum*** Hilliard & Burt, **subsp. nov.**

A subsp. *strigoso* pilis in folii pagina superiore brevioribus (ad 0.5mm, nec ad 1mm longis) et corollae tubo 6mm (nec 4.5mm) longo recedit.

Type: Philippine Islands, Mindanao, Surigao Prov., Mt Kabatuan, 83m, 18 iii 1949, *Mendoza & Convocar* 297 (PNH 10434 – holo. PNH).

ne. corollae
nm tantum)

L).

Epithema tenerum (C.B. Cl.) Hilliard & Burt, **comb. et stat. nov.**

Syn.: *E. brunonis* (Wall.) Decne. var. *tenerum* C.B. Cl. in A. & C. DC., Monogr. Phan. 5: 180 (1883).

lobis intus
tubo intus

dulid, Ago,

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. indumento
ique et rectis

***Cortinarius* subgenus *Phlegmacium* section *Phlegmacioides* (= *Variecolores*) in Europe:
new names and combinations**

E).

A monographic treatment of *Cortinarius* subgen. *Phlegmacium* sect. *Phlegmacioides* (Fr.: Fr.) Brandrud et al. is scheduled for publication in *Edinburgh Journal of Botany* 55(1) in early 1998. The nomenclatural innovations originally intended for that monograph are made below so that they are available for use in other works sched-

supra) foliis
is saepissime
ilis hamatis

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