

THE SYNONYMY OF THE SPECIES OF ANPLECTRUM
(MELASTOMATACEAE)

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SUMMARY

Identities are given for all 35 combinations published in *Anplectrum* A. Gray (*Melastomataceae*) with additional notes on some of the taxa involved. Two new combinations are proposed in *Creochiton* Bl. and one in *Dissochaeta* Bl.

INTRODUCTION

For the preparation of a revision of *Diplectria* Reichenb. it was necessary to check all combinations published in *Anplectrum* A. Gray, a younger synonym most often used for the genus. As the generic delimitation in the *Dissochaetaeae* has always been difficult it is not surprising to find species belonging to a number of other genera among *Anplectrum* spp.; on the other hand some true *Diplectrias* have originally been described in other genera. Therefore, a considerable number of species and specimens had to be studied that, as it turned out, had little to do with *Diplectria*. It seemed worthwhile to lay down some observations in print here and in some additional articles for future students of the taxa involved.

The names are alphabetically arranged according to their occurrence in *Anplectrum*. Whenever more information is presented in one of the supporting articles of this paper these have been referred to by placing (1), (2), or (3) after the correct identity, which numbers refer respectively to:

- (1) VELDKAMP, J. F., N. A. P. FRANKEN, M. C. ROOS & M. P. NAYAR. 1978. A revision of *Diplectria* (Melastomataceae). *Blumea* 24: 405—430.
- (2) VELDKAMP, J. F. 1978. Notes on *Creochiton*, *Dissochaeta*, and *Macrolenes* (Melastomataceae). *Blumea* 24: 437—446.
- (3) VELDKAMP, J. F. 1978. The *Medinilla myrtiformis*-complex. *Blumea* 24: 447—454.

1. *Anplectrum anomalum* King & Stapf ex King, J. As. Soc. Beng. 69, 2 (1900) 58 = *Creochiton anomala* (King) Veldk., **comb. nov.** (2).
2. *Anplectrum assamicum* C. B. Clarke in Hook. f., Fl. Br. Ind. 2 (1879) 546; J. Linn. Soc., London, Bot. 25 (1890) 23, t. 10, *emend. descr.*; Cogn. in DC., Mon. Phan. 7 (1891) 569; Kanjilal & Das, Fl. Assam 2 (1938) 303. — *Diplectria assamica* O. Ktze, Rev. Gen. Pl. 1 (1891) 246. — *Backeria assamica* Raizada, Ind. For. 94 (1968) 435. — *Pseudodissochaeta assamica* Nayar, J.

Bomb. Nat. Hist. Soc. 65 (1969) 559, fig. 1 — Type: *Griffith KD 2285* (K, n.v.; iso in L), India, Assam, Naga Hills. = *Pseudodissochaeta assamica* (C. B. Clarke) Nayar.

Nayar cited as the type *C. B. Clarke 42323* on which Clarke's emended description was based, but the latter himself recorded *Griffith KD 2285* as the original specimen.

To the synonymy of the related species *Ps. subsessilis* (Craib) Nayar can be added *Anerinacleistus sessilifolius* Guill., Fl. Gén. I.-C. 2 (1921) 905, with as the type *Thorel s.n.* (P) from Laos (Pak-lai).

3. *Anplectrum barbarum* Triana ex C. B. Clarke in Hook. f., Fl. Br. Ind. 2 (1879) 546 = *Diplectria barbata* (C. B. Clarke) Franken & Roos. (1).
4. *Anplectrum beccarianum* Cogn. in DC., Mon. Phan. 7 (June 1891) 568; Merr., Enum. Born. Pl. (1921) 443. — *Diplectria beccariana* O. Ktze, Rev. Gen. Pl. 2 (Nov. 1891) 953. — *Dalenia beccariana* Ridl. ex Nayar, Kew Bull. 20 (1966) 157. — Type: *Beccari 809* (FI, iso in K, n.v.), Borneo, Sarawak = *Dalenia beccariana* (Cogn.) Nayar. For the presence of a diplectroid androecium see the Introduction to (1).
5. *Anplectrum biligulatum* (Korth.) Triana, Trans. Linn. Soc., London 28 (1871) 85 = *Dissochaeta biligulata* Korth. (2).
6. *Anplectrum confine* (Bl.) Triana, Trans. Linn. Soc., London 28 (1871) 84 = *Diplectria viminalis* (Jack) O. Ktze. (1).
7. *Anplectrum crassinodum* Merr., Univ. Calif. Publ. Bot. 15 (1929) 223 = *Diplectria stipularis* (Bl.) O. Ktze. (1).
8. *Anplectrum crassinodum* Merr., Papers Mich. Ac. Sc. 24 (1939) 85, *nom. ill.*, non Merr. (1929) = *Diplectria conica* Bakh. f. (1).
9. *Anplectrum cyanocarpum* (Bl.) Triana, Trans. Linn. Soc., London 28 (1871) 84, t. 7: f. 90-c = *Diplectria divaricata* (Willd.) O. Ktze. (1).
10. *Anplectrum divaricatum* (Willd.) Triana, Trans. Linn. Soc., London 28 (1871) 84, t. 7: f. 90-b = *Diplectria divaricata* (Willd.) O. Ktze. (1).
11. *Anplectrum glaucum* (Jack) Triana, Trans. Linn. Soc., London 28 (1871) 84 = *Diplectria divaricata* (Willd.) O. Ktze. (1).
12. *Anplectrum homoeandrum* Stapf, Trans. Linn. Soc., London II, 4, 2 (1894) 161. = *Medinilla homoeandra* (Stapf) Nayar. (3).
13. *Anplectrum korthalsii* Triana, Trans. Linn. Soc., London 28 (1871) 85, non *A. rostrata* Triana (1871); Merr., Enum. Born. Pl. (1921) 443. — *Dissochaeta rostrata* Korth. in Temminck, Verh. Nat. Gesch., Bot. (1884) 239; Bakh. f., Thesis (1943) 234. — Type: *Korthals s.n.* (L, sheet no. 908.129-23), Borneo, Southeast, G. Prarawin.
Dissochaeta hirsuta Hook. f. ex Triana, Trans. Linn. Soc., London 28 (1871) 83; King, J. As Soc. Beng. 69, 2 (1900) 51; Merr., Enum. Born. Pl. (1921) 446; Ridl., Fl. Mal. Pen. 1 (1922) 797; Merr., Univ. Calif. Publ. Bot. 15 (1929) 224, *p.p.*; Furtado, Gard. Bull. Sing. 20 (1963) 108, fig. 2-a. — Type: *Motley s.n.* (K, n.v.), Borneo, Sarawak, Labuan. = *Dissochaeta rostrata* Korth.

Korthals' specimens are sterile, but because of the characteristic pubescence of the leaves they are obviously identical with what presently is known as *D. hirsuta*. The only specimen cited by Bakhuizen *f.* (l.c. 227: *Bünnemeijer 7096*, L) belongs in fact to *D. johorensis* Furtado. Whether the current species and others related to it described by Furtado are specifically distinct seems doubtful (J. F. Maxwell, Singapore, in litt.).

14. *Anplectrum latifolium* Triana, Trans. Linn. Soc., London 28 (1871) 84, t. 7: f. 90-d = *Diplectria latifolia* (Triana) O. Ktze. (1).
15. *Anplectrum lepto-setosum* King, J. As. Soc. Beng. 69, 2 (1900) 56 = *Diplectria stipularis* (Bl.) O. Ktze. (1).
16. *Anplectrum ligulatum* (Bl.) Triana, Trans. Linn. Soc., London 28 (1871) 85 = *Dissochaeta* sp. (2).
17. *Anplectrum macrophyllum* Ridl., Kew Bull. 1 (1946) 31. — Type: *Hose 478* (SING, *n.v.*; K, L), Borneo, Sarawak, Baram Dist., Plata River. *Dalenia pulchra* Korth. in Temminck, Verh. Nat. Gesch., Bot. (1842) t. 58; Nayar, Kew Bull. 20 (1966) 156. — *Dalenia speciosa* Korth. in Temminck, Verh. Nat. Gesch., Bot. (1844) 244, descr., *nom. superfl.*; Bakh. *f.*, Thesis (1943) 117. — *Dalenia korthalsii* Bl., Mus. Bot. Lugd.-Bat. 1, 3 (1849) 39, *nom. superfl.* — Type: *Korthals s.n.* (L, sheet no. 908.129-9), Borneo, Southeast, Tewe River.
= *Dalenia pulchra* Korth. For the presence of a dissochaetoid androecium see Introduction to (1).
18. *Anplectrum monticolum* Ridl., Kew Bull. 1 (1946) 31 = *Creochiton monticola* (Ridl.) Veldk. (2).
19. [*Anplectrum myrtifolium* (Miq.) Miq. *ex* Hook. *f.* & Jacks., Index Kew. 1 (1895) 142, *nom. inval.*] = *Medinilla myrtiformis* (Naud.) Triana. (3).
20. [*Anplectrum myrtiforme* (Naud.) Naud. *ex* Hook. *f.* & Jacks., Index Kew. 1 (1895) 142, *nom. inval.*] = *Medinilla myrtiformis* (Naud.) Triana. (3).
21. *Anplectrum nodosum* (Korth.) Triana, Trans. Linn. Soc., London 28 (1871) 84; Bl. *ex* Hook. *f.* & Jacks., Index Kew. 1 (1895) 142. — *Dissochaeta nodosa* Korth. in Temminck, verh. Nat. Gesch., Bot. (1844) 239; Bakh. *f.*, Thesis (1943) 232. — *Aplectrum nodosum* Bl., Mus. Bot. Lugd.-Bat. 1, 3 (1849) 37. — Type: *Korthals s.n.* (L, sheet no. 908.129-12), Sumatra, West Coast, G. Kerintji = *Dissochaeta nodosa* Korth.
22. *Anplectrum? ovalifolium* A. Gray, U. S. Expl. Exped. 1, Bot., Phan. (1854) 597; Bakh. *f.*, Thesis (1943) 24. — *Allomorpha? ovalifolia* Triana, Trans. Linn. Soc., London 28 (1871) 74; Cogn. in DC., Mon. Phan. 7 (1891) 465. — *Medinilla ovalifolia* A. C. Smith, Contr. U. S. Nat. Herb. 37 (1976) 85. — Type: *U. S. Expl. Exped.* (US, sheet no. 47676, *n.v.*), Fiji, Vanua Levu, Mbua Prov., Mbua Bay.
Medinilla amoena Seem., Fl. Vit. (1865) 88; A. C. Smith, Sargentia 1 (1942) 85. — Type: *Seeman 182* (GH, *n.v.*), Fiji, Viti Levu, Namosi Prov.
Medinilla parvifolia Seem., Fl. Vit. (1865) 89 ('*parviflora*' *auctt.*) — Type: *Seemann 178* (K, *n.v.*), Fiji, Viti Levu, Namosi Prov., Mt. Voma.
= *Medinilla ovalifolia* (A. Gray) A. C. Smith

This species, tentatively included in *Anplectrum* by Asa Gray, remained doubtful until recently. At one time it was even suggested by Bakhuizen *f.* (l.c.) that it might not be a melastome at all. A. C. Smith was the first to re-examine the type and found it conspecific with the *M. amoena* which he had amply discussed previously (1942).

23. *Anplectrum pallens* (Bl.) Triana, Trans. Linn. Soc., London 28 (1871) 84, t. 7: f. 90—a = *Diplectria viminalis* (Jack) O. Ktze. (1).
 24. *Anplectrum papuanum* Mansf., Bot. Jb. 30 (1925) 115 = *Diplectria papuana* (Mansf.) Bakh. *f.* (1).
 25. *Anplectrum parviflorum* Benth., Fl. Hongkong (1861) 116. — *Blastus parviflorus* Triana, Trans. Linn. Soc., London 28 (1871) 74, t. 6: f. 65. — Type: *Wright 478* (K), Hongkong.
Blastus cochinchinensis Lour. Fl. Cochinch. (1790) 526; Seem., J. Bot. 1 (1863) 281; Triana, Trans. Linn. Soc., London 28 (1871) 166; C. B. Clarke in Hook. *f.*, Fl. Br. Ind. 2 (1879) 528; Cogn. in DC., Mon. Phan. 7 (1891) 476; Krasser in E. & P., Nat. Pfl. Fam. III, 7 (1893) 170, fig. 74–G; Guill., Bull. Soc. Bot. France 60 (1913) 89; Fl. Gén. I.-C. 2 (1921) 896, fig. 98–5; Ohwi, Fl. Japan (1965) 653; Chun & Chang, Fl. Hainan. 2 (1965) 30, fig. 303; Anon., Icon. Corm. Sin. 2 (1972) 1005, fig. 3739; Walker, Fl. Okinawa & S. Ryukyu (1976) 775; H. L. Li, Fl. Taiwan 2 (1977) 844, fig. 835. — Type: *Loureiro s.n.* (BM, *n.v.*), Cochinchina.
Blastus marchandii Léveillé, Fedde's Repert. 11 (1913) 494; Rehder, J. Arn. Arb. 15 (1934) 111, in synonym. — Type: *Esquirol 967* (E, *n.v.*), China, Kweichow, Tchang-Loy. = *Blastus cochinchinensis* Lour.
- The above list of references is by far not complete for this wide-spread species; only those that seemed of major interest have been given.
26. *Anplectrum patens* Geddes, Kew Bull. (1928) 72 = *Diplectria divaricata* (Willd.) O. Ktze. (1).
 27. *Anplectrum reformatum* (Bl.) Triana, Trans. Linn. Soc., London 28 (1871) 85. — *Dissochaeta reformata* Bl., Mus. Bot. Lugd.-Bat. 1, 3 (1849) 37. — *Diplectria reformata* O. Ktze, Rev. Gen. Pl. 1 (1891) 246. — Type: *Korthals s.n.* (L, sheet no. 908.129–40), Borneo, Southeast, Dussun. = *Macrolenes stellulata* (Jack) Bakh. *f.*, Thesis (1943) 216, *q.v.* for further synonymy; see also (2).
 28. *Anplectrum rostratum* (Bl.) Triana, Trans. Linn. Soc., London 28 (1871) 84 = *Diplectria viminalis* (Jack) O. Ktze. (1).
 29. *Anplectrum rubrifructus* (Ohwi) Ohwi, Bull. Nat. Sc. Mus., Tokyo 26 (1949) 12 ('*rubrifructum*') = *Medinilla rubrifructus* Ohwi. (3).
 30. *Anplectrum stellulatum* Geddes, Kew Bull. (1928) 236 = *Diplectria barbata* (C. B. Clarke) Franken & Roos. (1).
 31. *Anplectrum stipulare* (Bl.) Triana, Trans. Linn. Soc., London 28 (1871) 84 = *Diplectria stipularis* (Bl.) O. Ktze. (1).
 32. *Anplectrum suluense* Merr., Philip. J. Sc. 30 (1926) 417 = *Diplectria divaricata* (Willd.) O. Ktze. (1).

33. *Anplectrum viminale* (Jack) Triana, Trans. Linn. Soc., London 28 (1871) 84 = *Diplectria viminalis* (Jack) O. Ktze. (1).
34. *Anplectrum yatesii* Merr., Papers Mich. Ac. Sc. 19 (1934) 175 = *Dissochaeta yatesii* (Merr.) Veldk., **comb. nov.** (2).
35. *Anplectrum yunnanense* Kräzl., Vierteljahresschr. Naturf. Ges., Zürich 76 (1931) 153. — **T y p e s**: *Henry 11705* ('1705') (syn in E, K), China, Yunnan, Szemoo (see note).
Oritrephes septentrionalis W. W. Smith, J. As. Soc. Beng. 7 (1911) 69. — *Medinilla septentrionalis* Li, J. Arn. Arb. 25 (1944) 38. — *Pseudodissochaeta septentrionalis* Nayar, J. Bomb. Nat. Hist. Soc. 65 (1969) 565, fig. 4. — **L e c t o t y p e**: *McGregor 751* (E, Nayar *lect.*, *n.v.*), Burma, S. Shenan.
Medinilla caeruleascens Guill., Fl. Gén. I.-C. 2 (1921) 921. — **L e c t o t y p e** (here proposed): *Harmand 1243* (P), Laos, Attopeu.
Medinilla caeruleascens Guill. var. *nuda* Craib, Fl. Siam. Enum. 1 (1931) 699. — **T y p e**: *Kerr 5787* (K, BM, *n.v.*). = *Pseudodissochaeta septentrionalis* (W. W. Smith) Nayar.
For *A. yunnanense* *Henry 1705* was cited as the type, this should read *11705*. The presence and actual series-number of the holotype is at present uncertain, as four different collections have been seen:
11705-A: Szemoo, E. Mts., 5000 ft, shrub 1—1.5 ft (E);
11705-C: Szemoo, forest reserve, 4000 ft (E);
11705-D: Szemoo, S. forests, 4000 ft (E);
11705 : Szemoo, E. Mts., 5000 ft, shrub 5 ft (K).
As only 'Yunnan' was cited the holotype cannot be appointed without actually seeing it, while it similarly is not certain that any of the above is an isotype, as *11705-B* was not seen.
Morphologically this species is strikingly similar to *Medinilla myrtiformis* (see(3)) and rather different from the other *Pseudodissochaetae*. However, because of the presence of an interpetiolar ridge and its dissochaetoid, and not medinilloid, wood anatomy (G. van Vliet, pers. comm.) the above identity seems most acceptable.
36. *Anplectrum* ? *sp. nov.* ? : Cogn. & H. Winkler in Hub. Winkler, Bot. Jb. 48 (1912) 108. *Winkler 2798* cited, *n.v.*
37. *Anplectrum sp.*: Merr., Lingnan Sc. J. 5 (1928) 138; Merr. & Chun, Sunyatsenia 5 (1940) 144 = *Pseudodissochaeta lanceata* Nayar, J. Bomb. Nat. Hist. Soc. 65 (1969) 565, fig. 3.