

VITACEAE

NEW COMBINATIONS IN CYPHSTEMMA

In Not. Syst. 16: 113-125 (1960), Descoings published a number of new combinations in *Cyphostemma* but, because he omitted to cite the publications in which the basionyms were published, the combinations were not valid. In *Kirkia* 2: 139 (1961) and *Kirkia* 3: 20 (1963), Wild & Drummond validly published additional combinations and, in *Flora Zambesiaca* 2: 459 (1966), they met the requirements for certain of the combinations attributed to Descoings. Descoings corrected the remainder of his combinations in *Nat. Monsp.* 18: 227 (1968), but there still remain a few South African species for which combinations have not been made. These are now effected.

Cyphostemma natalitium (Szyszyl.) *J. v. d. Merwe*, comb. nov.

Vitis natalitia Szyszyl., *Polypet.* Rehmann 2: 45 (1889).

Cissus natalitia (Szyszyl.) L. E. Codd in *Bothalia* 6: 545 (1956).

Cissus connivens Lam. var. *meyeriana* Planch. in *DC. Monog. Phan.* 5: 584 (1887), partly; Süsenguth in *Pflanzenfam.* 20d: 250 (1953), partly.

Cissus glabra E. Mey. in *Drege, Zwei Pfl. Docum.* 173 (1843), nomen nudum; Planch. l.c. 584 (1887), in synonymy.

Cissus orientalis sensu Harv. in *Fl. Cap.* 1: 253 (1860), non Lam.

Cyphostemma sulcatum (*C. A. Sm.*) *J. v. d. Merwe*, comb. nov.

Cissus sulcatus C. A. Sm. in *Burt Davy, Flow. Pl. Ferns Transv. Swaziland* 2: xx, 477 (1932).

Cyphostemma segmentatum (*C. A. Sm.*) *J. v. d. Merwe*, comb. nov.

Cissus segmentatum C. A. Sm. in *Burt Davy, Flow. Pl. Ferns Transv. Swaziland* 2: xx, 476 (1932).

Cyphostemma oleraceum (*Bolus*) *J. v. d. Merwe*, comb. nov.

Cissus oleraceus Bolus in *J. Bot. Lond.* 47: 55 (1909).

Cyphostemma dasypleurum (*C. A. Sm.*) *J. v. d. Merwe*, comb. nov.

Cissus dasypleurus C. A. Sm. in *Burt Davy, Flow. Pl. Ferns Transv. Swaziland* 2: xx, 476 (1932).

Cyphostemma hispidiflorum (*C. A. Sm.*) *J. v. d. Merwe*, comb. nov.

Cissus hispidiflorus C. A. Sm. in *Burt Davy, Flow. Pl. Ferns Transv. Swaziland* 2: xx, 476 (1932).

A name which has not yet been transferred to *Cyphostemma* is *Cissus sandersonii* Harv. After a study of a wide range of modern material, it is concluded that this cannot be satisfactorily separated from *Cyphostemma cirrhosum* (Thunb.) Descoings ex Wild & Drummond, nor can a satisfactory distinction be found between the typical form of the latter and *C. cirrhosum* subsp. *transvaalense* (Szyszyl.) Wild & Drummond.

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