

## BRIEF COMMUNICATION

### ADDITIONAL DATA ON THE LIANES OF THE BROKOPONDO DISTRICT, SURINAM

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Floristic and ecological data on the lianes of an area of 1900 square kilometres in the Brokopondo District were published some years ago (VAN DONSELAAR 1970). At that time 80 of the 132 species could be named with certainty, 15 nearly so. Now these two figures are 91 and 8, respectively, and since no more identifications of the (sterile) material can be expected the following data may complete the review as far as possible.

Some names in the Dilleniaceae are to be changed. *Doliocarpus surinamensis* Lanj. appeared to be conspecific with *D. paraënsis* Sleumer, and the correct name of *D. calinea* J. F. Gmel. is *D. spraguei* Cheesm..

The following taxa are to be removed from the list: *Cheiloclinium cognatum* (Miers) A. C. Smith (Celastr.); *Rourea* cf. *cuspidata* Benth. and *R.* cf. *rectinervia* A. C. Smith (Conn.); *Doliocarpus* cf. *scandens* (Aubl.) Gilg, *D.* cf. *dentatus* (Aubl.) Standley and *D.* cf. *guianensis* (Aubl.) Gilg (Dill.); *Abuta* cf. *barbata* Diels (Menisp.); *Machaerium aculeatum* Raddi, *M.* vs. *compressicaule* Ducke and *M.* aff. *ferox* (Benth.) Ducke (Papil.).

The lists for the different habitat types may be completed as follows:

(1) High forest. Total number 94. Identified 56; new: *Salacia insignis* A. C. Smith (first record for Surinam), *S. juruara* Loes., *Tontelea attenuata* Miers (Celastr.); *Rourea pubescens* (DC.) Radlk. var. *spadicea* (Radlk.) Forero (Conn.); *Lysios-tyles scandens* Benth. (first record for Surinam), *Maripa glabra* Choisy, *M. scandens* Aubl. (Conv.); *Doliocarpus brevipedicellatus* Garcke (Dill.); *Abuta sandwithiana* Kruk. et Barn. (Menisp., first record for Surinam); *Machaerium macrophyllum* Benth. (first record for Surinam) and *M. madeirense* Pittier (Papil.) are the most abundant lianes of the high forest; *Machaerium myrianthum* Spruce ex Benth., *M. trifoliolatum* Ducke; *Serjania paucidentata* DC. (Sapind.). Not (completely) identified 38: 1 Arac. sp.; *Arrabidea* vs. *mollis* (Vahl) Bur. et K. Schum. and 2 more *A.* spp. (Bign.); 3 Caes. spp.; 1 *Cheiloclinium* sp. and 3 more Celastr. spp.; 1 *Conarus* sp., 1 *Pseudoconarus* sp., 1 *Rourea* sp. (Conn.); 1 *Cayaponia* sp. (Cuc.), 3 *Doliocarpus* spp. (Dill.); *Smilax* cf. *santaremensis* DC. and 1 more *S.* sp. (Lil.); 1 *Caryomene* sp. (Menisp.); *Lonchocarpus* cf. *spiciformis* Mart. ex Benth., 2 *Machaerium* spp. (Papil.); *Coccoloba* vs. *gymnorhachis* Sandw. and 1 more *C.* sp. (Polygon.); 2 *Appunia* spp., 1 *Uncaria* sp. (Rub.); *Paullinia* aff. *novemalata* Uitt., *P.* vs. *pinnata* L. and cf. *P. rufescens* L. C. Rich. (Sapind.); of 5 spp. even the family is not known.

- (2) Riverbank forest. Total number 9. Identified 7. Not (completely) identified 2: cf. *Connarus perrottetii* (DC.) Planch. (Conn.); 1 *Marcgravia* sp. (Marcgr.).
- (3) Creek forest. Total number 4. Identified 2; new: *Machaerium macrophyllum* Benth. (Papil.). Not (completely) identified 2: 1 *Marcgravia* sp. (Marcgr.); 1 *Coccoloba* sp. (Polygon.).
- (4) Savanna forest. All 6 spp. identified.
- (5) Savanna wood. All 7 spp. identified.
- (6) Secondary vegetation types. Total number 13. Identified 8; new: *Machaerium myrianthum* Spruce ex Benth. (Papil.). Not (completely) identified 5: 1 Celastr. sp.; 1 *Prevosta* sp. (Conv.); 2 Dill. spp.; *Machaerium* sp. (Papil.).
- (7) Margins of forest and wood. All 16 spp. identified; new: *Acalypha scandens* Benth. (Euph.); *Machaerium macrophyllum* Benth. (Papil.).
- (8) Open roadsides. All 7 spp. identified.
- (9) Riversides. Total number 19. Identified 18. Not identified 1 Bign. sp..
- (10) Savanna bushes. All 3 spp. identified.

#### REFERENCE

- DONSELAAR, J. VAN (1970): Floristic and ecological data on the lianes of the Brokopondo District, Surinam. *Acta Bot. Neerl.* **19**: 287-296.