

TWO NEW SPECIES OF SWERTIA (GENTIANACEAE)
FROM N. SUMATRA

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During the preparation of his 'Illustrated Mountain Flora of Java', Dr. van Steenis came upon some specimens of *Swertia* from North Sumatra, which he had collected himself on his expedition in the Gaju and Alas Lands. He could not place these specimens in the known Malesian species and gave them to me for further examination. They proved to represent two new species which both belong to section *Ophelia* C. B. Clarke. All cited specimens are located in the Rijksherbarium, Leiden.

I am very thankful to Dr. H. O. Sleumer, who translated the diagnoses into Latin.

1. *Swertia steenisii* Geesink, *spec. nov.*

Herba erecta usque ad 65 cm alta. *Folia* caulina opposita, subsessilia, lineari-lanceolata 3(—5) nervia, usque ad 10.5 cm longa et 0.8 cm lata, basi breviter ciliata. Internodia usque ad 3 cm longa. *Flores* 5-meri, ad thyrsos terminales et axillares c. 7-flores dispositi. Pedicelli usque ad 17 mm longi. Calycis lobi ovato-lanceolati, c. 7 mm longi, 2 mm lati, ciliolati. Corollae lobi ovato-lanceolati, c. 13 mm longi et 5 mm lati, purpureo-vinosi, ciliolati, glandula basali centrali c. 1.3 mm diam. Filamenta ligulata, basi dilatata, c. 7.3 mm longa et 1 mm lata, antheris 1.6 mm longis, 1 mm latis. Ovarium forma amphorae. *Fructus* c. 3 mm longus, 3 mm latus. Semina elliptica, utrinque obtusa, c. 1.2 mm longa, 0.7 mm lata, rubra (immatura?).

Type specimen: *van Steenis 8555* (L).

N. SUMATRA. Gaju and Alas Lands. Mt. Losir, 3100 m, *type*; Mt. Kemiri, 2900—3300 m, *van Steenis 9656*.

Ecology. Mountain heaths (blang).

2. *Swertia piloglandulosa* Geesink, *spec. nov.*

Herba erecta glabra. Ramuli vegetativi (ubi praesentes) usque ad 1 m longi, decumbentes, ad cm 30 superiora *foliis* sessilibus, oppositis, lanceolatis, 3-nerviis, usque ad 8 cm longis et 1.2 cm latis praediti; internodia usque ad 5 cm longa. Ramuli florigeri usque ad 40 cm longi, fasciculo basali foliorum usque ad 5 cm longorum et 0.5 cm latorum paribusque (1—) 2(—3) foliorum minorum inter sese distantium dispositi. *Flores* 4-meri, in thyrsum terminalem compositum collecti. Corollae lobi albi usque pallide lutei, elliptici, c. 7.3 mm longi et 4 mm lati, glandulis basalibus 2 ellipticis lilacino-azureis 2.3 mm longis et 2 mm latis, pilis glandulosis clavatis 2 mm longis ornati. Filamenta, ligulata, 4.6 mm longa; antherae 0.8 mm longi, 0.5 mm lati. Ovarium ovoideum. *Fructus* c. 7.5 mm longum, 4 mm latum. Semina oblonga, rubra (immatura?), 0.9 mm longa, 0.7 mm lata.

Type specimen: *van Steenis 8486* (L).

N. SUMATRA. Gaju and Alas Lands. Mt. Losir, 2700—3450 m, *van Steenis 8486* (type), 8521, 8550, 8558, 8583, 8586; Mt. Kemiri, 2900—3300 m, *van Steenis 9575, 9630, 9681, 9702*; Goh Lemboek, 3000 m, *van Steenis 9057*; Putjuk Angasan, 2700 m, *van Steenis 8337*.

Ecology. Mountain heaths (blang).