

A NEW AMORPHOPHALLUS FROM CELEBES

by

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Amorphophallus plicatus, nov. spec.

Tuber et folium non videmus; unam spadicem glabram tantum videmus. Cataphylla 3 oblongo-lanceolata, 33, 19, 17 cm longa, 6.7, 2.8, 4.5 cm lata, apice obtusa, duo ut apparet basi, unum (brevissimum) pedunculi apice affixa. Pedunculus 4.5 cm longus et i. v. 2.1 cm (i. s. 1.9 cm) crassus. Spatha 25 cm longa, late campanulata, basi convoluta, margine laciniata, marginem versus valde plicata, intus basin versus purpurea (?) et minute papillosa, supra pallidior, lacinae inaequales usque ad 9 cm longae. Spadix quam spatha duplo longior, 45 cm longa; inflorescentia feminea cylindrica, circ. 5.5 cm longa, 2.5—2.8 cm crassa; mascula arcte contigua basi paulo constricta, circ. 5 cm longa, 2—2.5 cm crassa; appendix 36 cm longa, anguste cylindrica, sensim attenuata; flores masculini plus quam flores feminei congesti. Ovarium globosum sessile, 3-loculare, apice in stylum attenuatum; stylus ovario subaequilongus vel (paulo) longior; stigma non vel obscure 2-lobata. Stamen solitarium circ. 1 mm longum, 2 mm latum; antherae adnatae apice 2 poris dehiscentes.

Celebes: N. Celebes, Bolaang-Mongondou, Modajag, 750 m in alt., in forest (leg. W. KAUDERN 243, Oct. 1917, type spec. in Herb. Stockholm).

Remarks: As two of the cataphylls were detached, the length of the peduncle is not quite certain; however, the peduncle is somewhat dilated at base, which suggests an attachment to the tuber. The third (smallest) cataphyll is inserted immediately below the spatha (cf. *photograph*, right hand side).

Related to *A. Rivieri* DURIEU from Cochinchina, cf. ENGLER in *Pflanzenreich* IV, 23 C, 1911, 85 and to *A. Merrillii* KRAUSE, from the Philippines, in *Notizbl. Bot. Gart. Berl.* 5 No. 49, 1912, 266, but distinguished from these two by the short peduncle and the deeply lacinate and plicate spatha.