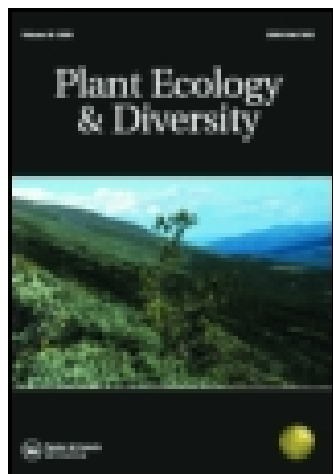


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BULBOPHYLLUM IMOGENIAE: A NEW ORCHID FROM  
NIGERIA. By KENNETH HAMILTON.

(Read 8th February 1917.)

The following is a short note on two orchids collected by me in Nigeria which were forwarded to the Royal Botanic Garden, Edinburgh, and flowered there. Both have proved to be new. The first, *Polystachya Hamiltonii*, W. W. Sm., was described in 1915, but I give below a more precise record of the locality. Of the second a description is given below. Types of both species are preserved in the Herbarium of the Royal Botanic Garden, Edinburgh.

*Bulbophyllum Imogeniae*, K. Ham. Sp. nov.

Species affinis *B. recurvo*, Lindl., *B. viridi*, Rolfe, et *B. Winkleri*, Schltr.; inflorescentia 1 cm. paulo superante oblongo-globosa densiflora, sepalibus  $\pm$  4 mm. longis parte superiore roseo-suffusis inter alia conspicua; flores majores quam ei *B. Winkleri*, quod ex descriptione proximum esse videtur.

Planta epiphytica; rhizoma teres glabrum pseudobulbis approximatis obsessum; pseudobulbi ovoidei compressiusculi obscure quadrangulati usque ad 3 cm. longi, 2-2.5 cm. lati, unifoliati, raro bifoliati. Folia 5-10 cm. longa, 1-2 cm. lata, patentia, oblongo-lanceolata acuta, basi cuneata vel subrotundata, coriacea glabra. Pedunculi deflexi 2-4 cm. longi (in planta duos annos culta) medio bractea lata ornati; inflorescentia 1 cm. paulo superans,  $\pm$  1 cm. lata oblongo-globosa densiflora; bractee patentibus oblanceolatae vel obovatae translucen- membranaceae 2-3 mm. longae. Flores parvuli. Sepala aequilonga minute apiculata circ. 4 mm. longa carnosula glabra infra albido-membranacea supra roseo-suffusa; intermedium triangulari-lanceolatum, lateralia valde obliqua falcata, basi margine anteriore dilatata connata. Petala sepalis  $\pm$  duplo breviora oblonga obtusa vix vel brevissime apiculata tenuiter membranacea integra glabra. Labellum curvatum linguiforme obtusum carnosulum  $\pm$  1.5 mm. longum purpureum marginibus minute purpureo-pilosulum. Columna brevis brachiis

lineari-falcatis acutis. Anthera cucullata glabra; ovarium vix pedicellatum glabrum  $\pm$  2 mm. longum.

Nigeria:—In the valleys of the mountains north of the Katsena River, North Nigeria, approx. lat.  $7^{\circ}$  N., long.  $10^{\circ}$  E. Collected in 1913 and flowered in the Royal Botanic Garden, Edinburgh, October 1915. The small flowers have the sepals tinted a beautiful rose and are themselves in a compact subglobular spike not unlike that of certain *Polygonums*. The affinity seems to be near *B. recurvum*, Lindl. (Bot. Reg. 963, under *Tribrachia pendula*) and near *B. Winkleri*, Schltr. from the Cameroons. The specific name is in honour of Miss Imogen Ramsay of Bamff.

The locality of *Polystachya Hamiltonii*, W. W. Sm. (Notes R.B.G. Edin., viii (1915), 347), which was stated somewhat indefinitely at the time of the description, is approximately lat.  $7^{\circ} 25'$  N., long.  $8^{\circ} 30'$  E., in the valley of the Benue River. This orchid has an inflorescence somewhat more branched and certainly with more flowers than indicated in the original diagnosis.