

A new *Polygala* species from the Sudan

Nový druh rodu *Polygala* ze Súdánu

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CHRTEK J. (1976): A new *Polygala* species from the Sudan. — Preslia, Praha, 48 : 83—84.

A new species of *Polygala*, *P. kassasi* CHRTEK, is described from near Gedarif in the Sudan.

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While studying the genus *Polygala* in the Herbarium of the University of Cairo (CAI), an interesting collection from the Sudan came into my hands. The plant differs from other Sudanese species (cf. ANDREWS 1950), such as *Polygala abyssinica* R. BR., *P. acicularis* OLIV., *P. arenaria* WILLD., *P. erioptera* DC., *P. irregularis* BOISS., *P. liniflora* BOJ., *P. nilotica* CHOD., *P. persi-*

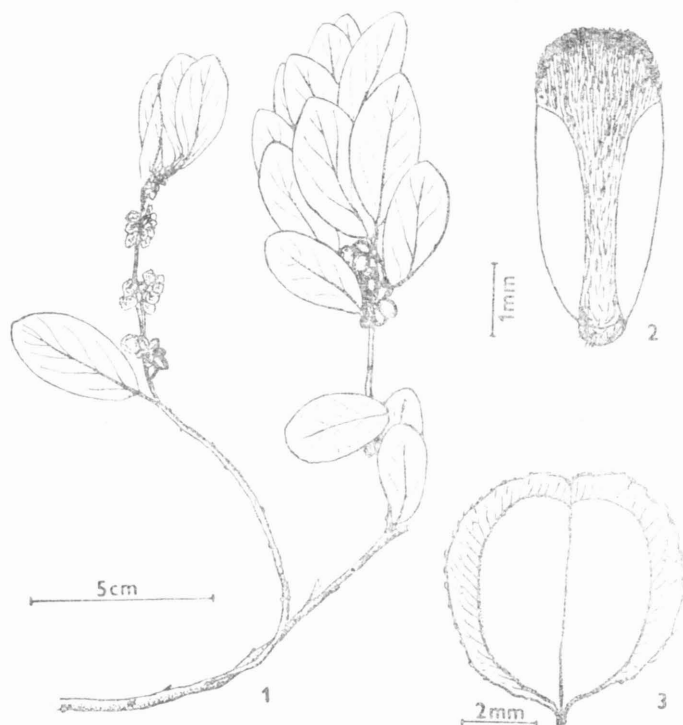


Fig. 1. — *Polygala kassasi* CHRTEK; 1 habitus, 2 seed, 3 capsule.

cariifolia DC., *P. petitiana* A. RICH., *P. senensis* KLOTZSCH, *P. stanleyana* CHOD. in being shrubby. No similar *Polygala* is known to occur in adjacent

countries (see for instance ADEMA 1966, CHODAT 1893, DAR 1973, EXELL 1960). It is therefore described here as a new species *Polygala kassasii*, in honour of Professor M. Kassas.

Polygala kassasii CHRTEK, sp. nova

Fruticulus parvus, ramulis ligneis, pallide virescentibus usque albescentibus, breviter adpresse pilosis; foliis alternis, obovatis usque ellipticis, 30—45 mm longis et 13—23 mm latis, in sicco olivaceo viridibus, sparse (in zona marginali autem densius) adpresse pilosis, superno glabrescentibus, nervo medio subtu valde prominente, pilis adpresse tecto, petiolis brevissimis (usque 3 mm longis), pilosis. Inflorescentiis axillaribus, densis, foliis fulcrantibus manifeste brevioribus. Sepalis inaequalibus, externis usque 3 mm, internis 4—5 mm longis et 3,0—3,5 mm latis, late ovatis, sparse breviter pilosis, capsula matura distincte minoribus, in sicco griseo viridibus, venis anastomosantibus. Capsula subrotunda, 5,5—6,5 mm longa et 5,5—6,5 mm lata (ala inclusa); ala plus minusve assymetrica, 1,0—1,5 mm lata, radiatim nervosa, prominenter venosa, adpresse pilosa. Seminibus 3,5—4,0 mm longis et 1,7—2,0 mm latis, piceis, adpresse pilosis, arillo trilobo, lobis usque 3 mm longis, membranaceis, albescentibus, ad semina adpressis.

Typus: Sudan, prope Gedarif, University of Khartoum Expedition to Eastern Sudan, leg. M. KASSAS, M. O. MOBARAK, B. FADLALLAH, H. A. OMAR et M. OSMAN, 17. 12. 1967. Typus in herb. PRC conservatur, sub no. 319 (herb. typorum).

Polygala kassasii belongs to the section *Orthopolygala* CHOD. From other species of this section it differs by its habit, large seeds (up to 4 mm long) and large trilobate arillus.

I am grateful to Prof. V. Täckholm (Cairo) for encouragement and to Dr. G. E. Wickens (Kew) for valuable information.

SOUHRN

Při studiu herbářového materiálu káhirske university (CAI) jsem našel nový druh rodu *Polygala* — *P. kassasii* — sbíraný prof. M. Kassasem v okolí města Gedarif v jv. Súdánu.

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