

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. kassasii* 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. eriopelta* DC., *P. irregularis* BOISS., *P. liniflora* BOJ., *P. nilotica* CHOD., *P. persi-*

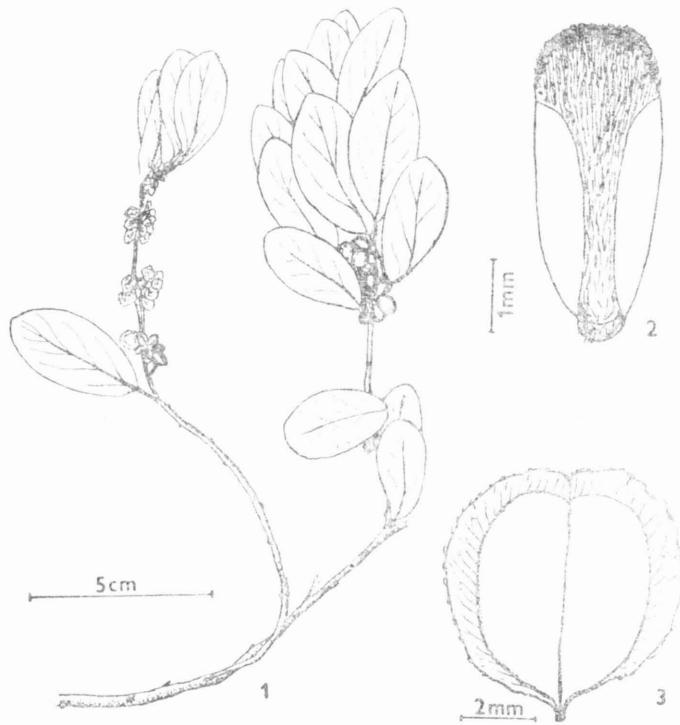


Fig. 1. — *Polygala kassasii* CHRTEK; 1 habitus, 2 seed, 3 capsule.

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 albescientibus, breviter adpresso pilosis; foliis alternis, obovatis usque ellipticis, 30—45 mm longis et 13—23 mm latis, in siccō olivaceo viridibus, sparse (in zona marginali autem densius) adpresso pilosis, superne glabrescentibus, nervo medio subtus valde prominente, pilis adpresso teeto, petiolis brevissimis (usque 3 mm longis), pilosis. Inflorescentiis axillaribus, densis, foliis fulerantibus 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 distinete minoribus, in siccō griseo viridibus, venis anastomosantibus. Capsula subrotunda, 5,5—6,5 mm longa et 5,5—6,5 mm lata (ala inclusa); ala plus minusve assymmetrica, 1,0—1,5 mm lata, radiatim nervosa, prominenter venosa, adpresso pilosa. Seminibus 3,5—4,0 mm longis et 1,7—2,0 mm latis, piecis, adpresso pilosis, arillo trilobo, lobis usque 3 mm longis, membranaceis, albescientibus, 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 herbového materiálu káhirské university (CAI) jsem našel nový druh rodu *Polygala* — *P. kassasii* — sbíraný prof. M. Kassasem v okolí města Gedarif v jv. Súdánu.

REFERENCES

- ADEMA F. (1966): A review of the herbaceous species of *Polygala* in Malesia (Polygalaceae). — Blumea, Leiden, 14 : 253—276.
ANDREWS F. W. (1950): The flowering plants of the Anglo-Egyptian Sudan. Tom. 1. — Arbroath.
CHODAT R. (1893): Monographia Polygalacearum. — Mém. Soc. Phys. Hist. Natur. Genève, Vol. 31, no. 2 : 1—500.
DAR M. I. (1973): *Polygalaceae*. In: Flora of West Pakistan 52. — Karachi.
EXELL A. W. (1960): *Polygalaceae*. In: Flora Zambesiaca. Tom. 1/1. — London.

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