



Rhynchosia ganesanii, a new name for *Rhynchosia fischeri* P. Satyanar. & Thoth. (Leguminosae: Papilionoideae), from India

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Abstract

A new name *Rhynchosia ganesanii* is proposed to replace *Rhynchosia fischeri* P. Satyanar. & Thoth., which is an illegitimate later homonym of *R. fischeri* Harms.

Key words: Fabaceae, legume, *nom. nov.*

Introduction

Rhynchosia Loureiro (1790: 425) is taxonomically complex genus in tribe *Phaseoleae*, subtribe *Cajaninae* (Baker 1923; Van der Maesen *et al.* 1985; Satyanarayana & Thothathri 1997) and is distributed mainly in Africa and Madagascar but extending to warm temperate and tropical Asia, northern Australia and tropical and subtropical America (Schrire 2005). It comprises about 230 species, of which 28 species are represented in India (Sanjappa 1992; Prasad & Narayana Swamy 2014). *Rhynchosia fischeri* was described by Satyanarayana & Thothathri (1988) based on the specimens collected by C.E.C. Fischer from Dimbam Ghat of Anaimalai Hills, Tamil Nadu, India. During revisionary studies on legumes of Tamil Nadu, the first author found that the name *Rhynchosia fischeri* P. Satyanar. & Thoth. is an illegitimate name, as it is a later homonym of *Rhynchosia fischeri* Harms (1899: 305). A new name is therefore required for this species, which we herein propose.

Rhynchosia ganesanii R. Kottaimuthu & N. Vasudevan, *nom. nov.*

Replaced synonym: *Rhynchosia fischeri* P. Satyanar. & Thoth. in Bull. Bot. Surv. India 28: 241. 1988 non Harms (1899). Holotype: India: Tamil Nadu, Coimbatore District, Dimbam, 3728 ft (1165m), 15-11- 1906, C.E.C. Fischer 1374 (CAL, image!).

Etymology: The specific epithet is named after Dr. R. Ganesan, Ashoka Trust for Research in Ecology and the Environment (ATREE), Bengaluru, Karnataka for his contribution in the field of angiosperm taxonomy.

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References

- Baker, E.G. (1923) Revision of South African species of *Rhynchosia*. *Bothalia* 1(3): 113–138.
- Harms, H. (1899) Leguminosae Africanae. II. *Botanische Jahrbücher für Systematik, Pflanzengeschichte und Pflanzengeographie* 26(3–4): 253–324.
- Loureiro, J. de (1790) *Rhynchosia*. In: Loureiro, J. de (Ed.) *Flora Cochinchinensis* 2: 425–460.
- Prasad, K. & Narayana Swamy, R. (2014) *Rhynchosia ravii* (Leguminosae-Papilionoideae), a new species from Andhra Pradesh, India. *Phytotaxa* 175(3): 155–160.
<http://dx.doi.org/10.11646/phytotaxa.175.3.5>
- Sanjappa, M. (1992) *Legumes of India*. Mahendra Pal Singh, Dehra Dun, 338 pp.
- Satyanarayana, P. & Thothathri, K. (1988) Three new species of *Rhynchosia* Lour. (Fabaceae) from India. *Bulletin of the Botanical Survey of India* 28(1–4): 241–245.
- Satyanarayana, P. & Thothathri, K. (1997) Critical notes on *Rhynchosia* Lour. and *Dunbaria* Wight and Arn. (Fabaceae). *Bulletin of the Botanical Survey of India* 36(1–4): 235–237.
- Schrire, B.D. (2005) *Rhynchosia*. In: Lewis, G., Schrire, B., Mackinder, B. & Lock, M. (Eds.) *Legumes of the World*. Royal Botanic Garden, Kew, Richmond, Surrey, U.K., 410 pp.
- Van der Maesen, L.J.G., Remanandan, P., Rao, N.K. & Pundir, R.P.S. (1985) Occurrence of *Cajaninae* in the Indian subcontinent, Burma and Thailand. *Journal of the Bombay Natural History Society* 82(3): 489–500.