

**ANTIRRHINUM THOMPSONII D.J. KEIL, A NEW NAME
TO REPLACE THE ILLEGITIMATE
ANTIRRHINUM MULTIFLORUM PENNELL (PLANTAGINACEAE)**

DAVID J. KEIL

Professor Emeritus
Biological Sciences Department
California Polytechnic State University
San Luis Obispo, California 93407
dkeil@calpoly.edu

ABSTRACT

The binomial *Antirrhinum thompsonii* D.J. Keil, **nom. nov.**, is proposed to replace the illegitimate name *A. multiflorum* Pennell, which is currently in use for a species of *Antirrhinum* (sensu lato) endemic to California. For the same species, the name *Sairocarpus multiflorus* D.A. Sutton is available for use in the segregate genus *Sairocarpus*.

Pennell (1951) proposed *Antirrhinum multiflorum* as a substitute name for *Antirrhinum glandulosum* Lindl., nom. illeg. (1836), which is a later homonym of *A. glandulosum* Lej. (1813). Unfortunately *A. multiflorum* Pennell is itself an illegitimate later homonym of *A. multiflorum* J. Vick (1868), an obscure name published in a 19th century seed catalog.

Sutton (1988) split *Antirrhinum* (sensu lato) into a number of segregate genera, with the New World species being assigned to several genera. He transferred *A. multiflorum* Pennell to *Sairocarpus* as *S. multiflorus* D.A. Sutton. As there was no obstacle to the use of the epithet *multiflorus* in *Sairocarpus*, Sutton's use of the epithet is considered to be a replacement name based on the type of *Antirrhinum glandulosum* Lindl. (ICN Article 58.1—McNeill et al. 2012), with Pennell's name omitted as a parenthetical author. In the same year Thompson (1988) published a monograph of the New World species of *Antirrhinum*, maintaining the genus *Antirrhinum* (sensu lato). Thompson accepted *A. multiflorum* Pennell as the correct name for this California endemic, based on the type of *A. glandulosum* Lindl., apparently unaware of the earlier homonym, and it is the name currently in use in California floras, e.g., *The Jepson Manual* (Wetherwax & Thompson 2012).

Taxonomists are faced with the choice of which generic concept to accept for the New World snapdragons. Thompson (1993) and Wetherwax and Thompson (2012) continued to accept *Antirrhinum* (sensu lato) for the California flora, whereas the upcoming treatment of the Plantaginaceae in the Flora of North America will recognize *Sairocarpus* and other segregate genera for New World species formerly placed in *Antirrhinum* (Barringer 2013, pers. comm.). For botanists who prefer to follow Sutton's taxonomy, the name *Sairocarpus multiflorus* D.A. Sutton is available. For botanists who prefer to recognize *Antirrhinum* in the broad sense, including the New World taxa, there is not a legitimate alternative to *A. multiflorum* Pennell. I therefore am proposing the following replacement name.

ANTIRRHINUM THOMPSONII D.J. Keil, **nom. nov.** *Antirrhinum glandulosum* Lindl., Edwards's Bot. Reg. 22: t. 1893. 1836, nom. illeg. *Antirrhinum multiflorum* Pennell in Abrams, Ill. Fl. Pacific States 3: 780. 1951, nom. illeg. *Sairocarpus multiflorus* D.A. Sutton, Revis. tribe Antirrhineae 467. 1988.

Etymology. The epithet *thompsonii* honors Dr. David M. Thompson.

LITERATURE CITED

- Barringer, K. 2013. New combinations in *Sairocarpus* (Plantaginaceae). *Phytoneuron* 2013-34: 1–3.
- Lejeune, A.L.S. 1813. *Flore des Environs de Spa*. Liège.
- Lindley, J. 1836. *Antirrhinum glandulosum* - glandular snapdragon. *Edwards's Bot. Reg.* 22: plate 1893.
- McNeil, K., F.R. Barrie, W.R. Buck, V. Demoulin, W. Greuter, D.L. Hawksworth, P.S. Herendeen, S. Knapp, K. Marhold, J. Prado, W.F. Prud'homme van Reine, G.F. Smith, J.H. Wiersema, and N.J. Turland. 2012. *International Code of Nomenclature for Algae, Fungi, and Plants (Melbourne Code)*. *Regnum Vegetabile* 154: 1–240. Koeltz Scientific Books, Königstein, Germany.
- Pennell, F.W. 1951. Family 136. Scrophulariaceae. Figwort Family. Pp. 686–859, *in* L. Abrams. *Illustrated Flora of the Pacific States*. Vol. III. Stanford Univ. Press, Stanford, California.
- Sutton, D.A. 1988. *A Revision of the Tribe Antirrhineae*. British Museum (Natural History) and Oxford University Press, London, New York.
- Thompson, D.M. 1988. Systematics of *Antirrhinum* (Scrophulariaceae) in the New World. *Syst. Bot. Monogr.* 22: 1–142.
- Thompson, D.M. 1993. *Antirrhinum* – Snapdragon. Pp. 1012–1015, *in* J.C. Hickman (ed.). *The Jepson Manual. Higher Plants of California*. Univ. of California Press, Berkeley.
- Vick, J. 1868. *Vick's Illustrated Catalogue and Floral Guide*. Rochester, New York.
- Wetherwax, M. and D.M. Thompson. 2012. *Antirrhinum* – Snapdragon. Pp. 1002–1005, *in* B.G. Baldwin, D.H. Goldman, D.J. Keil, R. Patterson, and T.J. Rosatti (eds.). *The Jepson Manual. Vascular Plants of California*, second edition. Univ. of California Press, Berkeley.