

of its range, which covers much of S. C. Europe and the S. part of European Russia (see A. Hlavaček in *Biología, Bratisl.*, **13** (5): 362-370 (1958)) it is found in apparently primary habitats in steppe, scrub and rocky places, whereas *L. squarrosa* is a ruderal of secondary habitats. *L. heteracantha* was considered a subspecies by Löve & Löve, and subspecific rank is certainly the most appropriate; the following new combination is required:

Lappula squarrosa (Retz.) Dumort. subsp. *heteracantha* (Ledeb.) Chater, **comb. nov.**

Syn. *Echinosperrum heteracanthum* Ledeb., *Suppl. Ind. Sem. Horti Dorpat.*: 3 (1823).

Lappula heteracantha (Ledeb.) Borbás in *Term.-Tud. Közl., Pótfüz.*, **23**: 14 (1891), combination proposed as an alternative name and so not validly published.

L. heteracantha (Ledeb.) Gürke in Engler & Prantl, *Natürl. Pflanzenfam.*, **4** (3a): 107 (1895).

L. myosotis Moench subsp. *heteracantha* (Ledeb.) Á. & D. Löve in *Bot. Not.*, **114**: 54 (1961).

Echinosperrum semicinatum Steven in *Bull. Soc. Nat. Moscou*, **24**: 605 (1851).

Lappula semicinata (Steven) M. Popov ex Dobroc. in Kotov & Barbarich, *Fl. RSS Ucr.*, **8**: 485 (1957).

L. heterocarpa Klokov & Artemcz. in *Ukr. Bot. Žur.*, **9**: 81 (1952).

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(192) *Amsinckia* Lehm.

The plant commonly known as *Amsinckia hispida* (Ruiz & Pavón) I. M. Johnston, a native of the Americas and a frequent casual in Europe, is the subject of some nomenclatural confusion. The basionym cited by Johnston, *Lithospermum hispidum* Ruiz & Pavón, is an illegitimate later homonym of *L. hispidum* Forskål. Johnston's name *A. hispida* I. M. Johnston is itself illegitimate, since he cited the validly published name *A. angustifolia* Lehm. as a synonym; however, the name *A. angustifolia* Lehm. is itself validly published by reference to *Lithospermum calycinum* Moris, and is in fact a superfluous substitute for this name, which is the earliest for this plant at specific rank. The new combination now required and the relevant synonymy are as follows:

Amsinckia calycina (Moris) Chater, **comb. nov.**

Syn. *Lithospermum calycinum* Moris, *Enum. Sem. Hort. Taur.*: 21 (1831).

L. hispidum Ruiz & Pavón, *Fl. Peruv.*, **2**: 5 (1799), non Forskål, *Fl. Aegypt. Arab.*: 38 (1775).

Amsinckia angustifolia Lehm., *Del. Sem. Hort. Hamburg.*, **1832**: 3 (1832) = *op. cit.*, **1833**: 3 (1833), nomen nudum.

A. angustifolia Lehm., *Del. Sem. Hort. Hamburg.*, **1835**: 3 (1835).

A. hispida I. M. Johnston in *Contr. Gray Herb. (N.S.)*, **3** (73): 75 (1924), nomen superfl. illegit.

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