

BRIEF COMMUNICATION

## On the inter-relationships of certain species of *Petunia* VI. New names for the species of *Calibrachoa* formerly included into *Petunia* (Solanaceae)

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Wijsman & de Jong (1985) have divided the species formerly referred to as *Petunia s.l.* and proposed that the two groups formed should be distinguished at the generic level. From the generic names available an appropriate choice has been made. However, as a consequence the common garden petunia had to receive a new name. Therefore, Wijnands *et al.* (1986) have proposed that the generic name *Petunia* should have as its conserved type species *Petunia nyctaginiflora* Jussieu, for which the valid name is *Petunia axillaris* (Lam.) B.S.P.; this would avoid a change in the name for an important crop plant. This proposal has meanwhile been accepted (Brummitt 1989). However, the other newly distinguished genus, for which *Petunia* is no longer available, is now in need of a new name. As has been reported by Wijsman & de Jong (1985), *Calibrachoa* Llave & Lex. would be the name to be applied.

In the present communication new combinations under *Calibrachoa* are proposed for the species mentioned by Wijsman & de Jong (1985) as far as is known from personal inspection (specimens have been listed previously; those in 'herbarium Wijsman' have by now been incorporated into U). In addition, the following species have been included: *P. linoides*, *P. regnellii*, *P. hassleriana*, *P. caesia*, because their latest reviewer, Fries (1911), as well as Smith & Downs (1964) consider them to be very closely related, possibly synonymous. This would leave several names for species considered to belong to *Calibrachoa*, but these are not known from personal inspection and may be best left for the next reviewer to assign them definitely. The relevant taxa as cited from Fries (1911) are: *P. thymifolia*, *P. humilis*, *P. micrantha*, *P. helianthemoides*, *P. pubescens*, *P. ledifolia*, *P. dusenii*, *P. sendtneriana*; further taxa, described by Smith & Downs (1964), are: *P. serrulata*, *P. spathulata*, *P. alpicola*, *P. kleinii*. The new combinations are the following: *Calibrachoa* Llave & Lex., Nov. Veg. Descr. 2(1825)3. Type species: *C. procumbens* Llave & Lex., l.c. (= *Petunia parviflora* Jussieu, Ann. Mus. Hist. Nat. 2(1803)216). The name has originally been coined to honour a local professor of botany, A. de la Cal e Bracho; *Calibrachoa calycina* (Sendtn.) Wijsman *comb. nov.* Basionym: *Petunia calycina* Sendtner in Martius, Fl. bras. 10(1846)173; *Calibrachoa caesia* (Sendtn.) Wijsman *comb. nov.* Basionym: *Petunia caesia* Sendtner in Martius, Fl. bras. 10(1846)173; *Calibrachoa ericaefolia* (R.E. Fries) Wijsman *comb. nov.* Basionym: *Petunia ericaefolia* R.E. Fries, Kungl. Svensk. Vetensk. Akad. Handl. 46(5)(1911)64; *Calibrachoa excellens* (R. E. Fries) Wijsman *comb. nov.* Basionym: *Petunia excellens* R.E. Fries, Kungl. Svensk. Vetensk. Akad. Handl. 46(5)(1911)64; *Calibrachoa hassleriana* (R.E. Fries) Wijsman *comb. nov.* Basionym: *Petunia hassleriana* R.E. Fries, Kungl. Svensk. Vetensk. Akad. Handl. 46(5)(1911)59;

- Calibrachoa heterophylla* (Sendtn.) Wijsman *comb. nov.* Basionym: *Petunia heterophylla* Sendtner in Martius, Fl. bras. 10(1846)176;
- Calibrachoa linearis* (Hook.) Wijsman *comb. nov.* Basionym: *Salpiglossis linearis* Hook., Bot. Mag. 60(1933)tab.3256;
- Calibrachoa linoides* (Sendtn.) Wijsman *comb. nov.* Basionym: *Petunia linoides* Sendtner in Martius, Fl. bras. 10(1846)174;
- Calibrachoa macrodactylon* (Smith & Downs) Wijsman *comb. nov.* Basionym: *Petunia macrodactylon* Smith & Downs, Phytologia 10(1964)441;
- Calibrachoa paranensis* (Dusen) Wijsman *comb. nov.* Basionym: *Petunia paranensis* Dusen, Ark. Botan. 9(15)(1910)tab.3;
- Calibrachoa parviflora* (Jussieu) Wijsman *comb. nov.* Basionym: *Petunia parviflora* Jussieu, Ann. Mus. Hist. Nat.2(1803)216;
- Calibrachoa pygmea* (R.E. Fries) Wijsman *comb. nov.* Basionym: *Petunia pygmea* R.E. Fries, Kungl. Svensk. Vetensk. Akad. Handl. 46(5)(1911)30;
- Calibrachoa regnellii* (R.E. Fries) Wijsman *comb. nov.* Basionym: *Petunia regnellii* R.E. Fries, Kungl. Svensk. Vetensk. Akad. Handl. 46(5)(1911)55;
- Calibrachoa rupestris* (Dusen) Wijsman *comb. nov.* Basionym: *Petunia rupestris* Dusen, Ark. Botan. 9(15)(1910)tab. 4;
- Calibrachoa sellowiana* (Sendtn.) Wijsman *comb. nov.* Basionym: *Petunia sellowiana* Sendtner in Martius, Fl. bras. 10(1846)176.

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