

***Stipellula*, a new genus, and new combinations in feather grasses (Poaceae tribe Stipeae)**

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Abstract: RÖSER, M. 2012: *Stipellula*, a new genus, and new combinations in feather grasses (Poaceae tribe Stipeae). *Schlechtendalia* **24**: 91–93. The recently created genus name *Stipella* (Tzvelev) Röser & Hamasha is illegitimate, as it is a younger homonym of the zygomycete genus *Stipella* L. Léger & M. Gauthier, and replaced here by the name *Stipellula*, gen. nov. The new genus is described and combinations for its five accepted species are made: *Stipellula capensis*, comb. nov., *S. nitens*, comb. nov., *S. parviflora*, comb. nov., *S. staintonii*, comb. nov., and *S. tigrensis*, comb. nov. Synonyms are listed and one of the basionym citations is corrected.

Zusammenfassung: RÖSER, M. 2012: *Stipellula*, eine neue Gattung, und Neukombinationen von Federgräsern (Poaceae tribus Stipeae). *Schlechtendalia* **24**: 91–93. Der vor kurzem für eine Gruppe von Federgräsern vorgeschlagene Gattungsname *Stipella* (Tzvelev) Röser & Hamasha ist illegitim, da er ein jüngeres Homonym für die Zygomycetengattung *Stipella* L. Léger & M. Gauthier darstellt. Er wird hier ersetzt durch den neuen Namen *Stipellula*, gen. nov. Die neue Gattung wird beschrieben und Kombinationen für die fünf in dieser Gattung akzeptierten Arten werden eingeführt: *Stipellula capensis*, comb. nov., *S. nitens*, comb. nov., *S. parviflora*, comb. nov., *S. staintonii*, comb. nov., and *S. tigrensis*, comb. nov. Die Synonymie wird angeführt und eines der Basionymzitate wird korrigiert.

Key words: Grasses, nomenclature, Poaceae, *Stipella*.

In our recent molecular phylogenetic study on Old World taxa of the grass tribe Stipeae (feather grasses) several new genus delineations were proposed (HAMASHA et al. 2012). *Stipa* L. sect. *Stipella* Tzvelev was raised to generic rank as *Stipella* (Tzvelev) Röser & Hamasha. This genus name proved to be illegitimate, because it represents a homonym of the zygomycete genus *Stipella* L. Léger & M. Gauthier, which was described in 1932 (MYCOBANK 2012). A new genus name is proposed here and the relevant combinations are made for the five accepted species in the new genus *Stipellula*. Additionally, an erroneous basionym citation for one of the species is corrected:

***Stipellula* Röser & Hamasha, gen. nov.**

Description: This genus is mainly characterized by its palea being significantly (usually 2–4-fold) shorter than the lemma. The lemma is therefore more or less constricted below the apex. The posterior, upper ligule is very short (see FREITAG 1986: 413).

Type: *Stipellula capensis* (Thunb.) Röser & Hamasha [*Stipa capensis* Thunb.]

≡ *Stipa* L. sect. *Stipella* Tzvelev, Novosty Sist. Vysš. Rast. 11: 15, 1974. Type: *Stipa capensis* Thunb.

- ≡ *Stipa* subgen. *Stipella* (Tzvelev) Tzvelev, Bot. Zhurn. (Moscow & Leningrad) 78(10): 94, 1993.
- ≡ *Stipella* (Tzvelev) Röser & Hamasha, Pl. Syst. Evol. 298: 365, 2012, nom. illegit., non *Stipella* L. Léger & M. Gauthier, Compt. Rend. Hebd. Séances Acad. Sci. 194: 2263, 1932.
- = *Stipa* ser. *Tortiles* Roshev., Fl. SSSR 2: 103, 1934. Type: *Stipa tortilis* Desf.
- = *Stipa* ser. *Inaequiglumes* Bor, Fl. Iran. 70: 386, 1970. Type: *Stipa parviflora* Desf.
- ≡ *Stipa* sect. *Inaequiglumes* (Bor) F.M. Vázquez & Devesa, Acta Bot. Malac. 21: 153, 1996.

***Stipellula capensis* (Thunb.) Röser & Hamasha, comb. nov.**

Bas.: *Stipa capensis* Thunb., Prodr. Pl. Cap.: 19, 1794.

- ≡ *Stipella capensis* (Thunb.) Röser & Hamasha, Pl. Syst. Evol. 298: 365, 2012.
- = *Stipa retorta* Cav., Obs. Valenc. 1: 119, 1795.
- = *Stipa tortilis* Desf., Fl. Atlant. 1: 99, t. 31, 1798.
- ≡ *Stipa capensis* var. *tortilis* (Desf.) Breistr., Procés-Verb. Soc. Dauph. Étud. Biol. (Grenoble), ser. 3, 17: 2, 1950.

***Stipellula nitens* (Ball) Röser & Hamasha, comb. nov.**

Bas.: *Stipa tortilis* Desf. subsp. *nitens* Ball, J. Bot. 13: 206, 1875.

- ≡ *Stipa nitens* (Ball) Ball, J. Linn. Soc., Bot. 16: 712, 1878.
- ≡ *Stipella nitens* (Ball) Röser & Hamasha, Pl. Syst. Evol. 298: 365, 2012, nom. inval. with incorrect basionym reference.

***Stipellula parviflora* (Desf.) Röser & Hamasha, comb. nov.**

Bas.: *Stipa parviflora* Desf., Fl. Atlant. 1: 98, t. 29, 1798.

- ≡ *Stipella parviflora* (Desf.) Röser & Hamasha, Pl. Syst. Evol. 298: 365, 2012.

***Stipellula staintonii* (Bor) Röser & Hamasha, comb. nov.**

Bas.: *Stipa staintonii* Bor, Bull. Bot. Surv. India 7: 133, 1965.

- ≡ *Stipella staintonii* (Bor) Röser & Hamasha, Pl. Syst. Evol. 298: 365, 2012.

***Stipellula tigrensis* (Chiov.) Röser & Hamasha, comb. nov.**

Bas.: *Stipa tigrensis* Chiov., Ann. Bot. (Rome) 2: 336, 1905.

- ≡ *Stipella tigrensis* (Chiov.) Röser & Hamasha, Pl. Syst. Evol. 298: 365, 2012.

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References

- FREITAG, H. 1985: The genus *Stipa* (Gramineae) in southwest and south Asia. Notes from the Royal Botanic Garden Edinburgh 42: 355–489.

HAMASHA, H.R., VON HAGEN, K.B. & RÖSER, M. 2012: *Stipa* (Poaceae) and allies in the Old World: molecular phylogenetics realigns genus circumscription and gives evidence on the origin of American and Australian lineages. *Plant Systematics and Evolution* **298**: 351–367.
MYCOBANK 2012: <http://www.mycobank.org> (accessed 6 March 2012).

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