

## A NEW COMBINATION AND NEW NAME IN *POLYPOGON* (POACEAE: POOIDEAE: POEAE: AGROSTIDINAE)

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### ABSTRACT

A new combination, ***Polypogon avenaceus*** (J.F. Gmel.) P.M. Peterson, Soreng, & Romasch., is made and a new name, ***Polypogon edgarianae*** P.M. Peterson, Soreng & Romasch., is proposed.

Based on a recent DNA sequenced-derived phylogeny of *Agrostis* L. and *Polypogon* Desf., *Polypogon* was identified as an intergeneric hybrid originating via ancient hybridization between unknown representatives of *Agrostis* clade Longipaleata (plastid DNA) and *Calamagrostis* Adans. clade Americana (nrDNA) [Peterson et al. 2025]. In making combinations the authors overlooked two older names in *Polypogon* (Peterson et al. 2025) and we correct these names here.

**POLYPOGON AVENACEUS** (J.F. Gmel.) P.M. Peterson, Soreng, & Romasch. **comb. nov.** Basionym: *Agrostis avenacea* J.F. Gmel., Syst. Nat., ed. 13(bis) 2(1): 171. 1791. *Avena filiformis* G. Forst. Fl. Ins. Austr. 9. 1786. *Agrostis novae-hollandiae* P. Beauv., Ess. Agrostogr. 1812. nom. illeg. superfl. *Lachnagrostis filiformis* (G. Forst.) Trin., Fund. Agrost. 128, pl. 10. 1820. *Polypogon filiformis* (G. Forst.) P.M. Peterson, Soreng & Romasch., nom. illeg. hom., J. Syst. Evol. p. 23 (early view) <<https://doi.org/10.1111/jse.13175>>. **LECTOTYPE** (Edgar, New Zealand J. Bot. 33: 19. 1995): **NEW ZEALAND**. Insula Paschatis (Easter Island), 1779, J.R. Forster s.n. (B-W-2208; isoelectotype: W0026518 [image!]).

**Distribution**—Apparently native to Australia, New Zealand, Papuasia, Australasia, and Polynesia; naturalized in Japan, Malesia, USA, Central and South America, and southern Africa (Gibbs Russell et al. 1995; Clayton et al. 2006; Harvey 2007; Jacobs & Brown 2009; WFO 2025).

**POLYPOGON EDGARIANAE** P.M. Peterson, Soreng, & Romasch., **nom. nov.** Basionym: *Deyeuxia forsteri* var. *littoralis* Hack., Man. New Zealand Fl. 869. 1906. *Lachnagrostis filiformis* var. *littoralis* (Hack.) Zotov, Rec. Domin. Mus. 5: 142. 1965. *Lachnagrostis littoralis* (Hack.) Edgar, New Zealand J. Bot. 33: 23–26. 1995. *Polypogon littoralis* (Hack.) P.M. Peterson, Soreng & Romasch., nom. illeg. hom., J. Syst. Evol. p. 23 (early view) <<https://doi.org/10.1111/jse.13175>>. **LECTOTYPE** (Edgar, New Zealand J. Bot. 33: 23. 1995): **NEW ZEALAND**. Kermadec Islands, NE from New Zealand, R.H. Shakespear [Cheeseman 1136] ("W-7916" = W19040007916 [image!]; isoelectotypes: BAB00000180 [image!], BAB00000181 [image!], BAB00000182 [image!], WELT-76589).

**Distribution**—Endemic to New Zealand (Edgar & Connor 2010).

The epithet honors the life and works of New Zealand botanist Elizabeth Edgar, 1929–2019.

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