

## Supplementary Material

### **Sequence capture data support the taxonomy of *Pogonolepis* (Asteraceae: Gnaphalieae) and show unexpected genetic structure**

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## Voucher information and SRA accession numbers of sequences generated for the present study

Voucher specimens and NCBI Short Read Archive accession numbers of the sequence data generated for the present study. The format is as follows: species name, voucher specimen (herbarium acronyms following Index Herbariorum, <http://sweetgum.nybg.org/ih/>, accessed 17 December 2021), SRA accession number.

*Angianthus newbeyi* P.S.Short, *Chandler 802* (CANB), SAMN23763128; *Millotia muelleri* (Sond.) P.S.Short, *Short 1252* (CANB), SAMN23763152; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Bayer SA97022* (CANB), SAMN23763117; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Milthorpe s.n.* (CANB 829593), SAMN23763122; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Canning 3612* (CBG), SAMN23763123; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Canning 4659* (CBG), SAMN23763124; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Carroll 267* (CBG), SAMN23763125; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Phillips s.n.* (CBG 21784), SAMN23763126; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Crisp 926* (CBG), SAMN23763130; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Cummings 203* (CBG), SAMN23763131; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Davies 1360* (CBG), SAMN23763132; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Dodd 330* (CANB), SAMN23763133; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Donner 8303* (CBG), SAMN23763134; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Dunlop 1481* (CBG), SAMN23763135; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Eichler 20304* (CANB), SAMN23763136; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Hopton 96* (CANB), SAMN23763138; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Jeanes 1701* (CANB), SAMN23763139; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Jeanes 2940* (CANB), SAMN23763140; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Leigh W42* (CANB), SAMN23763141; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Lyne 2383* (CBG), SAMN23763142; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Schmidt-Lebuhn 1633* (CANB), SAMN23763150; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Short 777* (CANB), SAMN23763155; *Pogonolepis muelleriana* (Sond.) P.S.Short, *Short 798* (CBG), SAMN23763156; *Pogonolepis stricta* Steetz, *Bellairs 6425* (CANB), SAMN23763118; *Pogonolepis stricta* Steetz, *Briggs 612* (CBG), SAMN23763119; *Pogonolepis stricta* Steetz, *Burbidge 7956* (CANB), SAMN23763120; *Pogonolepis stricta* Steetz, *Burbidge 8110* (CANB), SAMN23763121; *Pogonolepis stricta* Steetz, *Phillips s.n.* (CBG 29925), SAMN23763127; *Pogonolepis stricta* Steetz, *Corrick 7795* (CANB), SAMN23763129; *Pogonolepis stricta* Steetz, *Haegi 2624* (CANB), SAMN23763137; *Pogonolepis stricta* Steetz, *Pajmans 3814* (CANB), SAMN23763143; *Pogonolepis stricta* Steetz, *Pajmans 3877* (CANB), SAMN23763144; *Pogonolepis stricta* Steetz, *Pajmans 3935* (CANB), SAMN23763145;

*Pogonolepis stricta* Steetz, Purdie 7320 (CANB), SAMN23763146; *Pogonolepis stricta* Steetz, Ross 2739 (CANB), SAMN23763147; *Pogonolepis stricta* Steetz, Schmidt-Lebuhn 1429 (CANB), SAMN23763148; *Pogonolepis stricta* Steetz, Schmidt-Lebuhn 1474 (CANB), SAMN23763149; *Pogonolepis stricta* Steetz, Short 1053 (CANB), SAMN23763151; *Pogonolepis stricta* Steetz, Short 1989 (CANB), SAMN23763153; *Pogonolepis stricta* Steetz, Short 2233 (CANB), SAMN23763154; *Pogonolepis stricta* Steetz, Short 998 (CANB), SAMN23763157; *Pogonolepis stricta* Steetz, Speck 1493 (CANB), SAMN23763158; *Pogonolepis stricta* Steetz, Telford 6640 (CBG), SAMN23763159; *Pogonolepis stricta* Steetz, Wilson 8887 (CANB), SAMN23763160.