



Table S1. List of used material

Parablechnum brasiliense: Brazil – *Espírito Santo*: Marechal Floriano, 20°24'46"S, 40°40'59"W, 03 June 1994, Viégas, G. M. F. 250 (VIES 8841). Santa Teresa, 19°48'07"S, 40°32'15"W, 3 February 2011, Souza, F.S. 1333 (BHCB 146239). *Goiás*: Alto Paraíso, 5 March 1973, Anderson, W. R. 6299 (UB 56714). Catalão, 18°10'S, 47°57'W, 23 January 1996, Pietrobom da Silva, M. R. 2578 (SJRP 14437). *Minas Gerais*: Carangola, 20°43'S, 42°29'W, 18 May 1989, Cosenza, B. 785 (RB 745162). Carangola, 20°43'S, 42°29'W, 18 May 1989, Leoni, L. S. 694 (RB 745211). Santana do Riacho, 19°20'S, 43°40'W, 02 February 1987, Prado et al. 90 (SJRP 14415). São Sebastião do Paraíso, 20°55'S, 46°59'W, 24 April 1945, Brade, Barbosa, A. 17969 (RB 52555). São Sebastião do Paraíso, 20°55'S, 46°59'W, 24 April 1945, Brade, Barbosa, A. 17969 (RB 52555). Serra do Cipó, 19°20'S, 43°37'W, 17 February 1968, Irwin, H. S., Maxwell, H., Wasshausen, D. C. (UB 32799). *Paraná*: Guaratuba, 25°52'55"S, 48°56'35"W, 02 September 2013, Engels, M. S. 1607 (UPCB 12261). Jaguariaíva, 24°18'19.4"S, 49°41'39.2"W, 13 July 2003, Smith, A. R. 2008 (MBM 307916). Jaguariaíva, 24°10'S, 49°39'W, 28 August 1993, Labiak, P. H. 54 (JPCB 2601). Ponta Grossa, 29 July 1976, Krieger, L. (VIES 2924). *Rio de Janeiro*: Rio de Janeiro, 22°57'S, 43°17"W Travassos, L. (RB 648344). São Conrado, 22°59'53"S, 43°17'04"W, 7 November 1971, Sucre, D. 7419 (RB 647676). Teresópolis, 22°26'53"S, 42°59'05"W, 24 February 2005, Engelmann, R. 243 (RB 421574). Teresópolis, 22°26'53"S, 42°59'05"W, 24 February 2005, Engelmann, R. 243 (RB 421574). Teresópolis, January 1943, Lauro, F. (RB 644533). *Santa Catarina*: Angelina, 27°32'24"S, 48°57'36"W, 6 May 2010, Stival-Santos A., Legal E., Silveira S. 2383 (FURB 23272). Anitópolis, 27°58'05"S, 49°10'45"W, 30 July 2017, Gonzatti, F. 3764 (HUCS 46279). São Bento do Sul, 26°19'08"S 49°18'24"W, 30 March 2007, Gasper, A. L. e Sevegnani, L. 94 (FURB 5639). *São Paulo*: Batatais, 09 December 1990, Sandrin, P. Bernardes, E. 11 (SJRP 14420). Campos do Jordão, 22°41'48"S, 45°29'05"W, 01 June 1984, Santos, A. 234, Silva-Oliveira, T. 4 (RB 224247). Iporanga, 24°32'22"S, 48°41'36"W, 21 September 011, Mazziero, F. F. F. & Soller, A. 692 (UNIP 7678). José Bonifácio, 21°03'S, 49°42'W, 06 May 1997, Nonato, F. R. 318 (SJRP 14436). Piranqui, 12 November 1995, Zanetoni, C. 03 (SJRP 14416).

Parablechnum cordatum: **Brazil** – *Espírito Santo*: Santa Tereza, 19°53'48"S, 40°36'11"W, 11 July 2007, Labiak P.H. et al. 4012 (UFPR 57829). *Minas Gerais*: Bocaina de Minas, 22°17'8"S, 44°36'48"W, 17 September 2004, Condack J.P.S. 276 (RB 407376). Carangola, 20°44"S, 42°00'W, 10 March 1988, Leoni L.S. 66 (RB 745222). Juiz de Fora, 21°47'33"S 43°22'02"W, 21 November 2013, Lima L.V. 21 (HSTM 10820). *Rio de Janeiro*: Itatiaia, 22°28"S, 44°34'W, 11 February 1990, Morel M.F. 121 (SJRP 14403). *Santa Catarina*: Águas Mornas, 27°37'48"S, 48°52'12"W, 20 February 2010, Stival-Santos A., Legal E. & Silveira S. 1770 (FURB 21590). Angelina, 27°27'02"S, 49°03'00"W, 08 April 2010, Stival-Santos A. (FURB 25494). Antônio Carlos, 27°32'22"S, 48°52'13"W, 05 February 2010, Stival-Santos A., Legal E. & Silveira S. 1696 (FURB 21903). Blumenau, 26°55'31"S 49°07'10"W, 13 March 2007, Gasper A. L. 153 (FURB 5480). Blumenau, 27°01'33"S 49°07'58"W, 17 August 2007, Gasper A.L. 572 (FURB 6533). Blumenau, 27°01'33"S 49°07'58"W, 26 August 1998, Sevegnani L. s.n. (FURB 1266). Blumenau, 27°06'52"S 49°11'14"W, 22 March 2007, Gasper A.L. 664 (FURB 6625). Botuverá, 27°16'12"S, 49°08'24"W, 30 March 2010, Stival-Santos A., Legal E., & Silveira S. 2279 (FURB 23275). Doutor Pedrinho, 26°43'84"S, 49°29'59"W, 04 May 2010, Dreveck S. 2185 (FURB 25024). Imaruí, 28°10'10"S, 48°52'13"W, 17 March 2010, Verdi, M. 2247 (FURB 22235). Major Gercino, 27°26'59"S, 49°08'24"W, 20 April 2010, Stival-Santos A., Meyes, D. & Silveira S. 2516 (FURB 24647). Morro Grande, 28°42'36"S, 49°46'12"W, 11 December 2009, Schmitt J.L., Cristofolini C., Caglioni E. 952 (FURB 18934). Paulo Lopes, 27°52'44"S, 48°45'43"W, 1 February 2010, Schmitt J.L., Caglioni E., Andrade S., Cristofolini C. 1243 (FURB 20905). Rancho Queimado, 27°37'47"S, 49°08'39"W, 27 April 2009, Dreveck S., Carneiro F.E. 858 (FURB 12351). Rio do Campo, 26°54'36"S, 50°13'13"W, 22 February 2010, Korte A. & Kniess A. 1921 (FURB 22021). São Bento do Sul, 26°09'21"S, 49°18'33"W, 13 April 2014, Bittencourt R. & Schmitt M.R. 54 (FURB 43952). Siderópolis, 28°32'58"S, 49°36'14"W, 15 June 2009, Verdi M., Hasckel R.P., Klemz G. 2346 (FURB 12746). Vidal Ramos, 27°27'00"S, 49°19'12"W, 14 September 2009, Korte A. & Kruger A. 139 (FURB 14457). Vitor Meireles, 26°49'18"S, 49°46'12"W, 24 June 2010, Korte A. & Kniess A. 3881 (FURB 29937).

Parablechnum glaziovii: **Brazil** – *Amazonia*: Amazonas, 0°47'18"S, 66°01'15"W, 20 September 2012, Forzza R.C. et al. 7217 (RB 571405). *Minas Gerais*: Serra do Cipó, 19°20'S, 43°37'W, May 1959, Travasso, L. (RB 169915). Serra do Cipó, 19°20'S, 43°37'W, 17 February 1968, Irwin, H.S., Maxwell, H. Wasshausen, D.C. (RB 467275). Serra do Cipó, 19°20'S, 43°37'W, 17 February 1968, Irwin, H.S., Maxwell, H. Wasshausen, D.C. (RB 467276). Serra do Cipó, 19°20'S, 43°37'W, June 1968, Dermasio, M. (RB 36362).

Parablechnum proliferum: **Brazil** – *Minas Gerais*: Carangola, 20°43'S, 42°29'W, 28 May 1989, Salino A. 760 (RB 745176). *São Paulo*: Salesópolis, 5 March 1962, O. P. Travassos, 405 (RB 113969).

Table S1. Cont.

Parablechnum regnellianum: **Brazil** – Espírito Santo: Castelo, 20°30'58"S, 41°05'01"W, 12 February 2008, Labiak P.H. et al. 4556 (RB 463333). Castelo, 20°30'58"S, 41°05'01"W, 12 February 2008, Labiak P.H. et al. 4556 (RB 463333). Marechal Floriano, 20°24'46"S, 40°40'59"W, 04 January 1995, Viégas G.M.F. 266 (VIES 32970). Goiás: Brasília, 15°51'08"S, 47°56'04"W, 14 November 1958, Pereira E. 4576, Pabst 5002 (C 7352). Luziânia, 16°35'47"S, 47°59'48"W, 10 December 2007, Cezare C.H.G., Souza-Silva S., Machado Neto A. 505 (UB 32904). Minas Gerais: Bocaina de Minas, 22°22'22"S, 44°42'15"W, 16 June 2004, Sylvestre L., Condack J.P.S 1735 (RB 407283). Bocaina de Minas, 22°22'22"S, 44°42'15"W, 16 June 2004, Sylvestre L., Condack J.P.S 1735 (RB 407283). Caldas, 21°57'17"S, 46°23'26"W, 22 October 2014, Williams E.A., Godoy E.J., Braga J.P.L. 249 (RB 745397). Itambé do Mato Dentro, 19°24'49"S, 43°25'22"W, 5 August 2006, Almeida T.E., Souza, D.T. 323 (BHCB 101336). Juiz de Fora, 21°43'52"S, 43°22'16"W, 09 January 2015, Lima L.V. 109, Dittrich V.A.O. (HSTM 8969). Serra do Cipó, 19°20'S, 43°37'W, 31 May 2007, Paciencia M. 2753 (UNIP 7258). Paraná: Balsa Nova, 25°33'08"S, 49°48'29"W, 29 March 2005, Kozera C. & Kersten R. 2004 (MBM 319200). Jaguariaiva, 10 November 1989, Morel M.F. 23 (SJRP 14427). Lapa, 25°46'S, 49°43'W, 2 March 1982, Hatschbach G. 44906 (HUCS 16896). Palmeira, 25°28'19"S, 49°46'34"W, 03 June 2008, Caxambu M.G. et al. 2165 (MBM 347294). Palmeira, 24°47'56"S, 54°09'03"W, 28 January 1981, Dowbrovski 13066 (MBM 13066). Ponta Grossa, 25°14'32"S, 50°00'20"W, 19 December 2004, Schwartzburd P.B. et al. 504 (MBM 323442). Ponta Grossa, 25°16'25"S, 49°49'29"W, 29 March 2009, Anrado B.O. 303 (MBM 360624). Porto Amazonas, 25°32'S, 49°53'W, 12 June 2001, Ribas O.S. et al. 3614 (HUCS 32313). Porto Amazonas, 25°32'S, 49°53'W, 12 June 2001, Ribas O.S., Silva J.S. & Takeda J. 3614 (MBM 259117). Porto Amazonas, 25°32'S, 49°53'W, 22 December 1963, Hatschbach G. 10793 (MBM 10795). Rio de Janeiro: Guapimirim, 22°29'S, 43°04'W, 22 January 1994, Braga J.M.A. & Bovini M.G. 988 (RB 545795). Rio Grande do Sul: Bom Jesus, 28°40'S, 50°25'W, 9 January 2005, Wasum R. 2393 (HUCS 24990). Caxias do Sul, 29°08'22"S, 51°09'28"W, 26 August 2006, Rabelo P. 30 (HUCS 27779). Osório, 29°54'15"S, 50°13'03"W, 22 January 2015, Gonzatti F. 1570 (HUCS 42505). Rio Grande, 32°06'04"S, 52°10'09"W, 25 May 2014, Gonzatti F. 1249 (HUCS 41510). São Paulo: Campos do Jordão, 20 February 1937, Campos Porto P. 3078 (RB 32259). Campos do Jordão, 20 February 1937, Campos Porto P. 3078 (RB 32259). São José do Barreiro, 22°44'02"S, 44°37'00"W, 29 April 2018, Gonzatti F. et al. 4327 (HUCS 47741). São José do Barreiro, 22°44'31"S, 44°37'W, 6 January 2008, Labiak P.H. et al. 4287 (UFPR 61097).

Parablechnum usterianum: **Brazil** – Minas Gerais: Delfim Moreira, 22°36'34"S, 45°20'51"W, 15 March 2011, Giacomini L.L. et al. 1358. (BHBC 147627). Passa Quatro, 10 May 1948, Brade 19063 (RB 62540). Santana do Riacho, 19°20'20"S, 43°38'04"W, 15 February 2007, Paciencia M. 2674 (UNIP 7204). Paraná: General Carneiro, 26°26'S, 51°19'W, 6 March 2006, Cervi A.C. et al. 8837 (UPCB 53245). Rio Grande do Sul: Cidreira, 30°05'04"S, 50°13'57"W, 19 July 2012, Gonzatti F. 540 (VIES 13610). Mostardas, 31°06'41"S, 50°51'55"W, 06 October 2013, Gonzatti F. 895 (HUCS 40886). Santa Vitória do Palmar, 33°39'23"S, 53°16'24"W, 16 March 2014, Gonzatti F. 1061 (FURB 44263). Terra da Areia, 29°36'31"S, 50°04'23"W, 08 September 2013, Gonzatti F. 798 (HUCS 40838). Santa Catarina: Campo Alegre, 26°11'54"S, 49°09'07"W, 28 April 2008, Koehler R.G. & Zickuhr G.C. s.n. (FURB 8129).