

Koutecký P., Prančl J., Lučanová M., Brožová V., Nagy Nejedlá M., Košnar J., Koutecká E., Englmaier P. & Kaplan Z. (2025) Striking diversity in Alpine lakes: genetic variation, hybridization and taxonomy of the aquatic *Ranunculus trichophyllus* group. – *Preslia* 97: 191–216.

**Supplementary Table S2.** GenBank accession numbers.

Accession numbers for two plastid regions, *rpl32–trnL*<sup>UAG</sup> and 3'*rps16–5'trnK*, and the nuclear ITS region. Sequences from one individual for each combination of the cytotype, geographic region (the Alps and northern Europe), plastid haplotype and ITS genotype are included. The last digit in the Ref. no. column denotes the individual within a population.

| Taxon/cytotype                                 | cpDNA<br>haplotype | ITS<br>genotype | Ref. no.  | Locality (abbreviated)                                     | <i>rpl32–trnL</i> <sup>UAG</sup> | 3' <i>rps16–5'trnK</i> | ITS      |
|------------------------------------------------|--------------------|-----------------|-----------|------------------------------------------------------------|----------------------------------|------------------------|----------|
| <i>R. confervoides</i>                         | conf-1             | 5               | AT-08-1   | AT; Äußere Kainisch: Ödensee lake                          | PQ661806                         | PQ661843               | PQ644842 |
| <i>R. confervoides</i>                         | conf-1             | 6               | AT-12-1   | AT; Altausee: Altauseer See lake                           | PQ661807                         | PQ661844               | PQ644843 |
| <i>R. confervoides</i>                         | conf-1             | 10              | B14-164-1 | CH; Sankt Antönien: Partnunsee lake                        | PQ661814                         | PQ661851               | PQ644850 |
| <i>R. confervoides</i>                         | conf-1             | 14              | B14-160-1 | AT; Tschagguns: Tilisunasee lake                           | PQ661816                         | PQ661853               | PQ644852 |
| <i>R. confervoides</i>                         | conf-2             | 14              | K14-41-1  | SI; Trenta: Spodnje Kriško jezero lake                     | PQ661817                         | PQ661854               | PQ644853 |
| <i>R. confervoides</i>                         | conf-3             | 4               | B14-161-1 | AT; Lech: Monzabonsee lake                                 | PQ661805                         | PQ661842               | PQ644841 |
| <i>R. confervoides</i>                         | conf-3             | 6               | B14-159-1 | AT; Gerlos: Langer See lake                                | PQ661808                         | PQ661845               | PQ644844 |
| <i>R. confervoides</i>                         | conf-4             | 6               | K17-81-1  | AT; Grundlsee: Henar-See lake                              | PQ661809                         | PQ661846               | PQ644845 |
| <i>R. confervoides</i>                         | conf-4             | 8               | K17-82-3  | AT; Altausee: Wildensee lake                               | PQ661812                         | PQ661849               | PQ644848 |
| <i>R. confervoides</i>                         | conf-4             | 11              | K22-18-1  | AT; Kleinarl: Jägersee lake                                | PQ661815                         | PQ661852               | PQ644851 |
| <i>R. confervoides</i>                         | conf-4             | 14              | K15-31-1  | AT; Wald: Ilgsee lake                                      | PQ661818                         | PQ661855               | PQ644854 |
| <i>R. confervoides</i>                         | conf-5             | 6               | AT-01-1   | AT; Grünau im Almtal: Almsee lake                          | PQ661810                         | PQ661847               | PQ644846 |
| <i>R. confervoides</i>                         | conf-5             | 7               | AT-01-2   | AT; Grünau im Almtal: Almsee lake                          | PQ661811                         | PQ661848               | PQ644847 |
| <i>R. confervoides</i>                         | conf-6             | 14              | B14-163-1 | AT; Wörth: Fuscher Lacke lake                              | PQ661819                         | PQ661856               | PQ644855 |
| <i>R. confervoides</i>                         | trich-A            | 9               | B14-121-3 | AT; Grünau im Almtal: Almsee lake                          | PQ661813                         | PQ661850               | PQ644849 |
| <i>R. confervoides</i>                         | conf-1             | 13              | BA-19-1   | EE; Mustvee: Peipsi järv lake                              | PQ661820                         | PQ661857               | PQ644856 |
| <i>R. confervoides</i>                         | conf-1             | 14              | SK-11-3   | SE; Mariefred: Södra Kärrlängen lake                       | PQ661822                         | PQ661859               | PQ644858 |
| <i>R. confervoides</i>                         | conf-3             | 14              | SE-19-1   | SE; Ljungdalen: pools by the Stortjärnen lake              | PQ661823                         | PQ661860               | PQ644859 |
| <i>R. confervoides</i>                         | conf-4             | 14              | SE-17-1   | SE; Tännadalen: pool                                       | PQ661824                         | PQ661861               | PQ644860 |
| <i>R. confervoides</i>                         | trich-A            | 13              | SK-16-1   | FI; Hattula: Lehijärvi lake                                | PQ661821                         | PQ661858               | PQ644857 |
| <i>R. trichophyllus</i> s. l. ('intermediate') | conf-1             | 1               | SW-27-1   | CH; La Punt Chamues-ch: small lake N of the Albulasee lake | PQ661825                         | PQ661862               | PQ644861 |
| <i>R. trichophyllus</i> s. l. ('intermediate') | conf-1             | 14              | K16-19-1  | AT; Krakaudorf: Etrachsee lake                             | PQ661829                         | PQ661866               | PQ644865 |
| <i>R. trichophyllus</i> s. l. ('intermediate') | conf-3             | 12              | SW-26-1   | CH; Poschiavo: Lagh da la Cruseta lake                     | PQ661828                         | PQ661865               | PQ644864 |
| <i>R. trichophyllus</i> s. l. ('intermediate') | conf-5             | 6               | B20-010-1 | AT; Grünau im Almtal: Großer Ödsee                         | PQ661826                         | PQ661863               | PQ644862 |
| <i>R. trichophyllus</i> s. l. ('intermediate') | conf-7             | 6               | AT-05-1   | AT; Irdning-Donnersbachtal: Plannersee lake                | PQ661827                         | PQ661864               | PQ644863 |
| <i>R. trichophyllus</i> s. l. ('intermediate') | trich-B            | 14              | SW-30-1   | CH; Tschier: Lai da Juata lake                             | PQ661830                         | PQ661867               | PQ644866 |
| <i>R. trichophyllus</i> B                      | pelt               | 20              | SW-16-1   | CH; Crans-Montana: Lac des Miriougues lake                 | PQ661839                         | PQ661876               | PQ644875 |
| <i>R. trichophyllus</i> B                      | trich-B            | 17              | K16-15-1  | DE; Ruhpolding: Förchensee lake                            | PQ661836                         | PQ661873               | PQ644872 |
| <i>R. trichophyllus</i> B                      | trich-B            | 18              | AT-15a-1  | AT; Bad Goisern: Hallstättersee lake                       | PQ661837                         | PQ661874               | PQ644873 |
| <i>R. trichophyllus</i> B                      | trich-B            | 19              | K22-35-1  | DE; Ruhpolding: Förchensee lake                            | PQ661838                         | PQ661875               | PQ644874 |
| <i>R. trichophyllus</i> B                      | trich-B            | 21              | B14-122-1 | AT; Grünau im Almtal: Almsee lake                          | PQ661840                         | PQ661877               | PQ644876 |
| <i>R. circinatus</i> × <i>R. confervoides</i>  | trich-A            | 16              | AT-15d-12 | AT; Bad Goisern: Hallstättersee lake                       | PQ661835                         | PQ661872               | PQ644871 |
| <i>R. trichophyllus</i> hybrid                 | conf-1             | 2               | AT-15b-6  | AT; Bad Goisern: Hallstättersee lake                       | PQ661831                         | PQ661868               | PQ644867 |
| <i>R. trichophyllus</i> hybrid                 | trich-B            | 2               | AT-16a-1  | AT; Obertraun: Hallstättersee lake                         | PQ661832                         | PQ661869               | PQ644868 |
| <i>R. trichophyllus</i> hybrid                 | conf-1             | 3               | AT-11-1   | AT; Grundlsee: Toplitzsee lake                             | PQ661833                         | PQ661870               | PQ644869 |
| <i>R. trichophyllus</i> hybrid                 | trich-B            | 15              | B20-011-1 | AT; Ebensee am Traunsee: Traunsee lake                     | PQ661834                         | PQ661871               | PQ644870 |
| <i>R. trichophyllus</i> s. l. 6x               | pelt               | 22              | SW-13-1   | CH, Champex-Lac: Lac de Champex lake                       | PQ661841                         | PQ661878               | PQ644877 |