

Dolejšek V., Mesterházy A., Lučanová M., Brožová V., Kaplan Z., Košnar J., Prančl J. & Koutecký P. (2026) Hidden diversity of *Ranunculus* sect. *Batrachium* in the Pannonian Basin: A Mediterranean trace in central Europe? – Preslia 98: 105–125.

Supplementary Table S1. Locality details, genome sizes and GenBank accession numbers. In homogeneous populations, population numbers are given (Ref. no.), whereas in mixed populations, individuals are listed separately for each cytotype. Populations marked with a plus sign in the Ref. no. column were included in previous studies (Prančl et al. 2018, Koutecký et al. 2022). Taxon and cytotype designations correspond to those used in Table 1 in the main article. Individuals of the *R. peltatus* ‘Pannonian 4x’ and *R. peltatus* ‘6x’ cytotypes with outlying genome size values are presented separately and marked with an asterisk. Country codes (Locality): AT – Austria, HR – Croatia, HU – Hungary, SK – Slovakia. Collector abbreviations (Collected): AM – Attila Mesterházy, JP – Jan Prančl, KK – Klára Nunvářová-Kabátová, MH - Magdalena Hrdinová, ML – Magdalena Lučanová, PE – Peter Englmaier, PK – Petr Koutecký, VD – Vojtěch Dolejšek, ZK – Zdeněk Kaplan. N – number of individuals analysed for genome size by flow cytometry; mean sample/standard ratio and calculated 2C value based on $2C = 3.38$ pg for *Bellis perennis*; SE – standard error of the mean. The last three columns contain GenBank accession numbers for the three DNA regions. Accession numbers given in brackets denote identical sequences in GenBank that were obtained from samples analysed by Koutecký et al. (2022); sequences from the respective samples analysed in the present study were therefore not deposited separately.

Ref. no.	Taxon / cytotype	Locality	Coordinates (WGS84)	Elevation (m)	Collected	N	Ratio to <i>Bellis perennis</i> (mean ± SE)	2C-value (pg) (mean ± SE)	DNA ploidy	ITS	<i>trnL-rpl32</i> ^{UAG}	3' <i>rps16</i> –5' <i>trnK</i>
B13-021 ⁺	<i>R. aquatilis</i>	SK, distr. Malacky, Malacky: Marhecké rybníky fishponds, 3rd westernmost fishpond	48°24'34"N, 17°01'22"E	168	2013-06-06 JP & MH	4	3.92 ± 0.03	13.25 ± 0.10	6x	(MW430794)	(MW448106)	(MW448072)
HR-06-6, HR-06-9, HR-06-13	<i>R. aquatilis</i>	HR, Osijek-Baranja County, Đurđenovac municipality, Sušine: seasonal pool in horse pastures 280 m SSE of the village	45°32'36"N, 18°04'01"E	103	2023-05-19 PK & ZK	3	3.66 ± 0.11	12.37 ± 0.37	6x	PX273671 PX273676 PX273677	PX276111 PX276116 PX276117	PX273671 PX273676 PX273677
HU-05	<i>R. aquatilis</i>	HU, Győr-Moson-Sopron County, Vitnyéd: nearly dry water body in a former sand pit ca 2.6 km S of the church in the village	47°33'49"N, 16°58'21"E	123	2019-05-07 PK, ML, ZK & AM	1	3.90	13.18	6x	PX273678	PX276118	PX273678
HU-11 ⁺	<i>R. aquatilis</i>	HU, Somogy County, Somogyudvarhely: periodical pond in meadows ca 2.2 km S of the church in the village	46°09'02"N, 17°11'26"E	113	2019-05-08 PK, ML, ZK & AM	5	3.96 ± 0.03	13.38 ± 0.10	6x	MW430960	(MW448106)	(MW448072)
HU-12 ⁺	<i>R. aquatilis</i>	HU, Somogy County, Darány: margin of a lake, ca 3.3 km NW of the village	45°59'46"N, 17°33'16"E	124	2019-05-08 PK, ML, ZK & AM	5	3.92 ± 0.06	13.25 ± 0.2	6x	(MW430788) PX273670	(MW448106) PX276110	(MW448072) PX273670
HU-13-8, HU-13-9	<i>R. aquatilis</i>	HU, Borsod-Abaúj-Zemplén County, Tiszabábolna: channel and shallow periodic ponds along a road ca 2.0-2.1 km N of the centre of the village	47°42'28"N, 20°48'48"E	90	2023-04-27 PK, VD, ML & AM	2	3.75 ± 0.05	12.68 ± 0.17	6x	PX273672	PX276112	PX273672
HU-14-11	<i>R. aquatilis</i>	HU, Jász-Nagykun-Szolnok County, Nagyvíván: shallow periodic pools along and on the unpaved road in puszta ca 1,2 km E of the centre of the village	47°29'11"N, 20°56'38"E	85	2023-04-27 PK, VD, ML & AM	1	3.72	12.57	6x	PX273673	PX276113	PX273673
HU-20-6, HU-20-7, HU-20-8, HU-20-9, HU-20-10	<i>R. aquatilis</i>	HU, Csongrád-Csanád County, Szentes: periodic pool in puszta ca 14.8 km NE of the centre of the town	46°43'25"N, 20°25'17"E	80	2023-04-28 PK, VD, ML & AM	5	3.73 ± 0.02	12.61 ± 0.07	6x	PX273674 PX273679	PX276114 PX276119	PX273674 PX273679
HU-21-6	<i>R. aquatilis</i>	HU, Csongrád-Csanád County, Szentes: periodic pools in puszta ca 6.8 km E-ESE of the centre of the town	46°38'45"N, 20°20'47"E	75	2023-04-28 PK, VD, ML & AM	1	3.70	12.51	6x	PX273675	PX276115	PX273675

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K17-15 ⁺	<i>R. aquatilis</i>	AT, Niederösterreich, Marchegg: Mühlbach brook (the ancient lower reach of the Weidenbach), west of Marchegg centre, at the bridge of the federal road B49	48°16'39"N, 16°53'44"E	143	2017-06-05 PK & PE	3	3.93 ± 0.02	13.28 ± 0.07	6x	(MW430794)	(MW448106)	(MW448072)
B14-026 ⁺	<i>R. baudotii</i>	HU, Vas County, Mesterháza: gravel-pits NW of village	47°22'40"N, 16°51'02"E	159	2014-05-15 AM	1	2.59	8.75	4x	MW430936	(MW448109)	(MW448075)
B14-038 ⁺	<i>R. baudotii</i>	AT, Burgenland, Sankt Andrä am Zicksee: Seewinkelhauptkanal canal near mouth to Zicksee lake	47°47'49"N, 16°54'06"E	119	2014-05-23 AM	1	2.57	8.69	4x	MW430943	(MW448109)	(MW448075)
HU-02	<i>R. baudotii</i>	HU, Győr-Moson-Sopron County, Sarród: water body in a sand pit ca 3.1 km N of the church in the village	47°41'03"N, 16°53'07"E	110	2019-05-07 PK, ML, ZK & AM	3	2.59 ± 0.01	8.75 ± 0.03	4x	PX273667	PX276107	PX273667
HU-04	<i>R. baudotii</i>	HU, Győr-Moson-Sopron County, Vitnyéd: water body in a sand pit ca 1.15 km SE of the church in the village	47°34'55"N, 16°59'35"E	117	2019-05-07 PK, ML, ZK & AM	2	2.62 ± 0.01	8.86 ± 0.03	4x	PX273669	PX276109	PX273669
HU-14-6, HU-14-7, HU-14-8	<i>R. baudotii</i>	HU, Jász-Nagykun-Szolnok County, Nagyvíván: shallow periodic pools along and on the unpaved road in puszta ca 1.2 km E of the centre of the village	47°29'11"N, 20°56'38"E	85	2023-04-27 PK, VD, ML & AM	3	2.51 ± 0.01	8.48 ± 0.03	4x	PX273668	PX276108	PX273668
K17-11 ⁺	<i>R. baudotii</i>	AT, Niederösterreich, Angern an der March: at the SSE outskirts of the village, large oxbow of Morava River artificially deepened as a bathing pond	48°22'23"N, 16°50'18"E	150	2017-06-05 PK & PE	5	2.58 ± 0.01	8.72 ± 0.03	4x	MW430941	(MW448109)	(MW448075)
HU-07-6 ⁺ , HU-07-7	<i>R. circinatus</i>	HU, Zala County, Tótszerdahely: gravel pit ca 2.7 km SW of the village	46°22'59"N, 16°46'37"E	140	2019-05-08 PK, ML, ZK & AM	2	1.67 ± 0.01	5.64 ± 0.03	2x	MW430779	(MW448111)	(MW448077)
HU-01	<i>R. fluitans</i>	HU, Győr-Moson-Sopron County, Mecsér: Mosoni-Duna stream ca 340 m NW of the church in the village	47°47'57"N, 17°28'25"E	110	2019-05-07 PK, ML, ZK & AM	3	1.15 ± 0.01	3.89 ± 0.03	2x	PX273680	PX276120	PX273680
HU-13-1, HU-13-2, HU-13-4, HU-13-5	<i>R. peltatus</i>	HU, Borsod-Abaúj-Zemplén County, Tiszabábolna: channel and shallow periodic ponds along a road ca 2.0-2.1 km N of the centre of the village	47°42'28"N, 20°48'48"E	90	2023-04-27 PK, VD, ML & AM	4	1.96 ± 0.01	6.62 ± 0.03	4x	PX273632	PX276072	PX273632
HU-16-1, HU-16-2, HU-16-3, HU-16-4, HU-16-5	<i>R. peltatus</i>	HU, Hajdú-Bihar County, Hortobágy: periodic pools along the road no. 33 ca 4.3 km WNW of the centre of the village	47°35'15"N, 21°06'03"E	85	2023-04-27 PK, VD, ML & AM	5	1.92 ± 0.02	6.49 ± 0.07	4x	PX273636	PX276076	PX273636
HU-17	<i>R. peltatus</i>	HU, Hajdú-Bihar County, Újszentmargita: swamp in puszta ca 3.8 km SE of the church in the village	47°42'07"N, 21°08'20"E	85	2023-04-27 PK, VD, ML & AM	5	1.97 ± 0.01	6.66 ± 0.03	4x	PX273633	PX276073	PX273633
HU-18	<i>R. peltatus</i>	HU, Hajdú-Bihar County, Mezőpéterd: periodic swamp by the road no. 42, ca 2.6 km NW of the village	47°10'41"N, 21°35'23"E	90	2023-04-27 PK, VD, ML & AM	5	1.98 ± 0.04	6.69 ± 0.14	4x	PX273634	PX276074	PX273634
HU-19	<i>R. peltatus</i>	HU, Békés County, Dévaványa: shallow swamp and water channels ca 3.8 km NNE of the centre of the village	47°03'41"N, 20°58'20"E	80	2023-04-27 PK, VD, ML & AM	5	1.91 ± 0.02	6.46 ± 0.07	4x	PX273635 PX273637	PX276075 PX276077	PX273635 PX273637
HR-06-1, HR-06-2, HR-06-3, HR-06-5	<i>R. peltatus</i> 'Pannonian 4x'	HR, Osijek-Baranja County, Đurđenovac municipality, Sušine: seasonal pool in horse pastures 280 m SSE of the village	45°32'36"N, 18°04'01"E	103	2023-05-19 PK & ZK	4	2.42 ± 0.10	8.18 ± 0.34	4x	PX273651 PX273652	PX276091 PX276092	PX273651 PX273652
HR-06-4	<i>R. peltatus</i> 'Pannonian 4x' *	HR, Osijek-Baranja County, Đurđenovac municipality, Sušine: seasonal pool in horse pastures 280 m SSE of the village	45°32'36"N, 18°04'01"E	103	2023-05-19 PK & ZK	1	2.22	7.50	4x	PX273653	PX276093	PX273653

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HU-21-1, HU-21-5	<i>R. peltatus</i> 'Pannonian 4x'	HU, Csongrád-Csanád County, Szentes: periodic pools in puszta ca 6.8 km E-ESE of the centre of the town	46°38'45"N, 20°20'47"E	75	2023-04-28 PK, VD, ML & AM	2	2.51 ± 0.01	8.48 ± 0.03	4x	PX273649 PX273650 PX273654	PX276089 PX276090 PX276094	PX273649 PX273650 PX273654
HU-14-1, HU-14-2, HU-14-3, HU-14-4, HU-14-5	<i>R. peltatus</i> '6x'	HU, Jász-Nagykun-Szolnok County, Nagyvíván: shallow periodic pools along and on the unpaved road in puszta ca 1,2 km E of the centre of the village	47°29'11"N, 20°56'38"E	85	2023-04-27 PK, VD, ML & AM	5	3.40 ± 0.05	11.48 ± 0.15	6x	PX273638 PX273643 PX273646	PX276078 PX276083 PX276086	PX273638 PX273643 PX273646
HU-20-1, HU-20-2, HU-20-3, HU-20-4, HU-20-5	<i>R. peltatus</i> '6x'	HU, Csongrád-Csanád County, Szentes: periodic pool in puszta ca 14.8 km NE of the centre of the town	46°43'25"N, 20°25'17"E	80	2023-04-28 PK, VD, ML & AM	5	3.45 ± 0.01	11.66 ± 0.03	6x	PX273639 PX273642	PX276079 PX276082	PX273639 PX273642
HU-21-2, HU-21-3, HU-21-4	<i>R. peltatus</i> '6x'	HU, Csongrád-Csanád County, Szentes: periodic pools in puszta ca 6.8 km E-ESE of the centre of the town	46°38'45"N, 20°20'47"E	75	2023-04-28 PK, VD, ML & AM	3	3.43 ± 0.07	11.59 ± 0.24	6x	PX273640 PX273647	PX276080 PX276087	PX273640 PX273647
HU-22	<i>R. peltatus</i> '6x'	HU, Csongrád-Csanád County, Szentes: shallow periodic pools in puszta ca 13 km NE of the centre of the town	46°42'58"N, 20°23'57"E	80	2023-04-28 PK, VD, ML & AM	5	3.47 ± 0.05	11.73 ± 0.17	6x	PX273645	PX276085	PX273645
HU-23	<i>R. peltatus</i> '6x'	HU, Jász-Nagykun-Szolnok County, Kunszentmárton: water channel in puszta (formerly rice fields) ca 5.2 km SW of the town	46°49'14"N, 20°13'34"E	80	2023-04-28 PK, VD, ML & AM	5	3.45 ± 0.05	11.66 ± 0.17	6x	PX273641 PX273644	PX276081 PX276084	PX273641 PX273644
B18-005	<i>R. peltatus</i> '6x' *	HU, Hajdú-Bihar County: wet muddy depression disturbed by grazing cattle in puszta 9.3 km WNW of Nádudvar	47°27'47"N, 21°01'48"E	83	2018-05-22 ZK & AM	1	3.85	13.01	6x	PX273683 PX273648	PX276123 PX276088	PX273683 PX273648
B13-019 ⁺	<i>R. rionii</i>	SK, distr. Nové Zámky, Komoča: pond on NE edge of Pačérok hamlet	47°56'09"N, 18°01'21"E	110	2013-06-05 JP & MH	5	1.60 ± 0.02	5.41 ± 0.07	2x	PX273681	PX276121	PX273681
B14-001 ⁺	<i>R. rionii</i>	HU, Jász-Nagykun-Szolnok County, Jászapáti: small ditch NNE of village	47°29'11"N, 20°13'24"E	84	2014-04-23 AM	1	1.61	5.44	2x	(MW430774)	(MW448134)	(MW448099)
HR-05	<i>R. rionii</i>	HR, Osijek-Baranja County, Donji Miholjac: northernmost fishpond 1,6 km NE of the town, at the road from the town to border crossing	45°46'32"N, 18°11'39"E	86	2023-05-19 PK & ZK	5	1.56 ± 0.01	5.27 ± 0.03	2x	PX273626	PX276066	PX273626
HR-07-2, HR-07-3	<i>R. rionii</i>	HR, Požega-Slavonia County, Čaglin municipality, Sovski Dol: shallow northern part of Sovsko jezero lake in Dilj hills 1 km SW of the village	45°17'28"N, 18°01'09"E	350	2023-05-20 PK & ZK	2	1.56 ± 0.02	5.27 ± 0.07	2x	PX273629	PX276069	PX273629
HU-07-1 ⁺ , HU-07-2, HU-07-3, HU-07-4, HU-07-5	<i>R. rionii</i>	HU, Zala County, Tótszerdahely: gravel pit ca 2.7 km SW of the village	46°22'59"N, 16°46'37"E	140	2019-05-08 PK, ML, ZK & AM	5	1.61 ± 0.01	5.44 ± 0.03	2x	PX273627	PX276067	PX273627
HU-14-10, HU-14-12	<i>R. rionii</i>	HU, Jász-Nagykun-Szolnok County, Nagyvíván: shallow periodic pools along and on the unpaved road in puszta ca 1,2 km E of the centre of the village	47°29'11"N, 20°56'38"E	85	2023-04-27 PK, VD, ML & AM	2	1.57 ± 0.01	5.31 ± 0.03	2x	PX273630	PX276070	PX273630
HU-15	<i>R. rionii</i>	HU, Jász-Nagykun-Szolnok County, Tiszafüred: water channel ca 14 km ESE of the centre of the village, ca 400 m WSW of Górék tanya houses	47°34'13"N, 20°56'18"E	85	2023-04-27 PK, VD, ML & AM	4	1.56 ± 0.02	5.27 ± 0.07	2x	PX273631	PX273631	PX276071
HU-16-6	<i>R. rionii</i>	HU, Hajdú-Bihar County, Hortobágy: periodic pools along the road no. 33 ca 4.3 km WNW of the centre of the village	47°35'15"N, 21°06'03"E	85	2023-04-27 PK, VD, ML & AM	1	1.55	5.24	2x	-	-	-
HU-21-7	<i>R. rionii</i>	HU, Csongrád-Csanád County, Szentes: periodic pools in puszta ca 6.8 km E-ESE of the centre of the town	46°38'45"N, 20°20'47"E	75	2023-04-28 PK, VD, ML & AM	1	1.58	5.34	2x	PX273628	PX276068	PX273628

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HU-28-1, HU-28-2, HU-28-3, HU-28-4	<i>R. rionii</i>	HU, Fejér County, Sárbogárd: small swamp in a wet meadow ca 6 km NW of the village	46°55'08"N, 18°33'04"E	100	2025-05-06 AM	4	1.59 ± 0.02	5.37 ± 0.07	2x	PX273693	PX276133	PX273693
HU-30-1, HU-30-2, HU-30-3, HU-30-4, HU-30-5	<i>R. rionii</i>	HU, Fejér County, Sárszentágota: salt lake (Sós-tó) in <i>Bolbschoenus</i> vegetation at the W edge of the village	46°58'13"N, 18°32'50"E	100	2025-05-06 AM	5	1.61 ± 0.05	5.44 ± 0.17	2x	PX273696	PX276136	PX273696
K17-12 ⁺	<i>R. rionii</i>	AT, Niederösterreich, Markthof an der March: ancient stretch of river Morava named 'Lüssarm' at the bridge of the cyclists' route between Schlosshof and Devínska Nová Ves	48°12'42"N, 16°57'38"E	139	2017-06-05 PK & PE	7	1.60 ± 0.02	5.41 ± 0.07	2x	(MW430774)	(MW448134)	(MW448099)
K17-18 ⁺	<i>R. rionii</i>	AT, Burgenland, Tadtén: groundwater channel 'Herrschaftsgraben', SSE of the village	47°42'48"N, 17°02'12"E	114	2017-06-05 PK & PE	2	1.58 ± 0.01	5.34 ± 0.03	2x	(MW430774)	(MW448134)	(MW448099)
K17-44 ⁺	<i>R. rionii</i>	SK, distr. Komárno, Komárno: partly dried out oxbow of Váh river, on its right bank ca 0.5 km N of the town part Nová Osada (N of the town)	47°47'52"N, 18°06'04"E	109	2017-06-15 ZK	8	1.62 ± 0.01	5.48 ± 0.03	2x	(MW430774)	(MW448134)	(MW448099)
K17-46 ⁺	<i>R. rionii</i>	SK, distr. Nové Zámky, Chľaba: abandoned sand pit S of the railway station, 350 m S of the SE margin of the village	47°49'26"N, 18°49'48"E	120	2017-06-15 ZK	3	1.63 ± 0.02	5.51 ± 0.07	2x	(MW430774)	(MW448134)	(MW448099)
ZK-2540 ⁺	<i>R. rionii</i>	SK, distr. Nitra, Malý Cetín: flooded gravel-pit SW of village	48°13'48"N, 18°09'58"E	125	2012-07-06 ZK	1	1.60	5.41	2x	(MW430774)	(MW448134)	(MW448099)
HR-01	<i>R. trichophyllus</i> '2x'	HR, Brod-Posavina County, Nova Kapela municipality, Siče: seasonal pool along a dirt road between Vlakanac channel and flood defence embankment in Radinje alluvial forest in floodplain of Sava River 4.3 km SSW of Siče village	45°07'18"N, 17°35'44"E	90	2023-05-19 PK & ZK	2	1.71 ± 0.01	5.78 ± 0.03	2x	PX273655 PX273656	PX276095 PX276096	PX273655 PX273656
B13-018 ⁺	<i>R. trichophyllus</i> B	SK, distr. Nové Zámky, Komoča: pond on NE edge of Pačérok hamlet	47°56'09"N, 18°01'21"E	110	2013-06-05 JP & MH	2	2.96 ± 0.01	10.00 ± 0.03	4x	(MW430795)	(MW448139)	(MW448104)
B14-003 ⁺	<i>R. trichophyllus</i> B	HU, Zala County, Zalaszentmihály: small pool on the pasture near E bank of Öreg-tó lake	46°42'00"N, 16°56'37"E	141	2014-04-24 AM	1	2.94	9.94	4x	(MW430795)	(MW448139)	(MW448104)
B14-004 ⁺	<i>R. trichophyllus</i> B	HU, Vas County, Nemeskocs: small ditch E of village	47°12'13"N, 17°11'56"E	123	2014-04-24 AM	1	2.87	9.7	4x	(MW430950)	(MW448139)	(MW448104)
B14-069 ⁺	<i>R. trichophyllus</i> B	HU, Bács-Kiskun County, Fülöpszállás: channel near crossing with road no. 52, ENE of the village	46°50'25"N, 19°16'06"E	94	2014-06 KK	1	2.88	9.73	4x	MW430795	(MW448139)	(MW448104)
HR-02	<i>R. trichophyllus</i> B	HR, Požega-Slavonia County, Velika municipality, Trenkovo: Stražemanka brook in the centre of Trenkovo, 470 m E of the railway station	45°24'04"N, 17°40'07"E	180	2023-05-19 PK & ZK	4	2.76 ± 0.01	9.33 ± 0.03	4x	PX273663	PX276103	PX273663
HR-03	<i>R. trichophyllus</i> B	HR, Virovitica-Podravina County, Čačinci municipality, Slatinski Drenovac: northern pond of Jankovačko jezero under Jankovac karst spring in Papuk hills, 3.3 km SSW of the village	45°31'17"N, 17°41'08"E	103	2023-05-19 PK & ZK	5	2.78 ± 0.01	9.40 ± 0.03	4x	PX273660	PX276100	PX273660
HR-04	<i>R. trichophyllus</i> B	HR, Virovitica-Podravina County, Slatina municipality, Novi Senkovac: pond between crop fields 1.2 km N of the village	45°45'16"N, 17°46'01"E	103	2023-05-19 PK & ZK	5	2.82 ± 0.02	9.53 ± 0.07	4x	PX273661	PX276101	PX273661
HR-07-1	<i>R. trichophyllus</i> B	HR, Požega-Slavonia County, Čaglin municipality, Sovski Dol: shallow northern part of Sovsko jezero lake in Dilj hills 1 km SW of the village	45°17'28"N, 18°01'09"E	350	2023-05-20 PK & ZK	1	2.77	9.36	4x	PX273664	PX276104	PX273664
HU-03 ⁺	<i>R. trichophyllus</i> B	HU, Győr-Moson-Sopron County, Sarród: ditch in saline grasslands (puszta) ca 4.4 km NNW of the village	47°40'18"N, 16°50'26"E	111	2019-05-07 PK, ML, ZK & AM	5	2.98 ± 0.02	10.07 ± 0.07	4x	(MW430795)	(MW448139)	(MW448104)

Ref. no.	Taxon / cytotype	Locality	Coordinates (WGS84)	Elevation (m)	Collected	N	Ratio to <i>Bellis perennis</i> (mean ± SE)	2C-value (pg) (mean ± SE)	DNA ploidy	ITS	<i>trnL-rp132</i> ^{UAG}	<i>3'rps16-5'trnK</i>
HU-06 ⁺	<i>R. trichophyllus</i> B	HU, Győr-Moson-Sopron County, Csáfordjánosfa: muddy ditch ca 1 km ENE of the church in the village	47°25'04"N, 16°57'39"E	143	2019-05-07 PK, ML, ZK & AM	5	2.97 ± 0.03	10.04 ± 0.10	4x	(MW430795)	(MW448139)	(MW448104)
HU-10 ⁺	<i>R. trichophyllus</i> B	HU, Somogy County, Gyékényes: channel in alluvial forests ca 3.25 km E of the church in the village	46°13'57"N, 17°03'11"E	122	2019-05-08 PK, ML, ZK & AM	5	2.94 ± 0.03	9.94 ± 0.10	4x	MW430802	(MW448139)	(MW448104)
HU-14-9	<i>R. trichophyllus</i> B	HU, Jász-Nagykun-Szolnok County, Nagyiván: shallow periodic pools along and on the unpaved road in puszta ca 1,2 km E of the centre of the village	47°29'11"N, 20°56'38"E	85	2023-04-27 PK, VD, ML & AM	1	2.78	9.40	4x	PX273657	PX276097	PX273657
HU-21-8, HU-21-9	<i>R. trichophyllus</i> B	HU, Csongrád-Csanád County, Szentés: periodic pools in puszta ca 6.8 km E-ESE of the centre of the town	46°38'45"N, 20°20'47"E	75	2023-04-28 PK, VD, ML & AM	2	2.89 ± 0.01	9.77 ± 0.03	4x	PX273658	PX276098	PX273658
HU-24	<i>R. trichophyllus</i> B	HU, Bács-Kiskun County, Fülöpszállás: water channel in alluvial forest by the road no. 52, ca 3.25 km NE of the centre of the village	46°50'24"N, 19°16'07"E	95	2023-04-28 PK, VD, ML & AM	3	2.84 ± 0.01	9.60 ± 0.03	4x	PX273662	PX276102	PX273662
HU-28-5, HU-28-6	<i>R. trichophyllus</i> B	HU, Fejér County, Sárbogárd: small swamp in a wet meadow ca 6 km NW of the village	46°55'08"N, 18°33'04"E	100	2025-05-06 AM	2	2.82 ± 0.02	9.53 ± 0.07	4x	PX273692	PX276132	PX273692
HU-29	<i>R. trichophyllus</i> B	HU, Fejér County, Sárbogárd: grazed ditch ca 6 km NW of the village	46°54'52"N, 18°33'31"E	100	2025-05-06 AM	5	2.84 ± 0.04	9.60 ± 0.14	4x	PX273694	PX276134	PX273694
HU-30-6	<i>R. trichophyllus</i> B	HU, Fejér County, Sárszentágota: salt lake (Sós-tó) in <i>Bolboschoenus</i> vegetation at the W edge of the village	46°58'13"N, 18°32'50"E	100	2025-05-06 AM	1	2.85	9.63	4x	PX273695	PX273695	PX273695
K17-13 ⁺	<i>R. trichophyllus</i> B	AT, Niederösterreich, Markthof an der March: ancient stretch of river Morava named 'Lüssarm' at the bridge of the cyclists' route between Schlosshof and Devinska Nová Ves	48°12'42"N, 16°57'38"E	139	2017-06-05 PK & PE	2	2.97 ± 0.01	10.04 ± 0.03	4x	MW430954	(MW448139)	(MW448104)
K17-14 ⁺	<i>R. trichophyllus</i> B	AT, Niederösterreich; Marchegg: Mühlbach brook (the ancient lower reach of the Weidenbach), west of Marchegg centre, at the bridge of the federal road B49	48°16'39"N, 16°53'44"E	143	2017-06-05 PK & PE	6	2.98 ± 0.02	10.07 ± 0.07	4x	(MW430795)	(MW448139)	(MW448104)
K17-16 ⁺	<i>R. trichophyllus</i> B	AT, Burgenland, Tadtén: groundwater channel SSE of the village	47°43'29"N, 17°00'51"E	114	2017-06-05 PK & PE	3	2.98 ± 0.01	10.07 ± 0.03	4x	PX273682 MW430949	PX276122 (MW448139)	PX273682 (MW448104)
K17-17 ⁺	<i>R. trichophyllus</i> B	AT, Burgenland, Tadtén: groundwater channel 'Herrschaftsgraben', SSE of the village	47°42'48"N, 17°02'12"E	114	2017-06-05 PK & PE	3	2.95 ± 0.03	9.97 ± 0.10	4x	MW430950	(MW448139)	(MW448104)
HU-25	<i>R. trichophyllus</i> 'Pannonian 4x'	HU, Fejér County, Sárszentágota, Felsőkörtvélyes: periodically flooded depression in the crop-field at the W edge of the village	46°56'30"N, 18°35'33"E	100	2023-04-28 PK, VD, ML & AM	5	2.76 ± 0.03	9.33 ± 0.10	4x	PX273659 PX273665 PX273666	PX276099 PX276105 PX276106	PX273659 PX273665 PX273666
HU-27	<i>R. trichophyllus</i> 'Pannonian 4x'	HU, Fejér County, Sárbogárd: dried swamp N of the village	46°55'01"N, 18°36'38"E	100	2025-05-06 AM	5	2.80 ± 0.02	9.46 ± 0.07	4x	PX273690 PX273691	PX276130 PX276131	PX273690 PX273691
HR-06-7	<i>R. aquatilis</i> × <i>R. peltatus</i>	HR, Osijek-Baranja County, Đurđenovac municipality, Sušine: seasonal pool in horse pastures 280 m SSE of the village	45°32'36"N, 18°04'01"E	103	2023-05-19 PK & ZK	1	2.84	9.60	5x	PX273686	PX276126	PX273686
HU-13-3, HU-13-6, HU-13-7	<i>R. aquatilis</i> × <i>R. peltatus</i>	HU, Borsod-Abaúj-Zemplén County, Tiszabábolna: channel and shallow periodic ponds along a road ca 2.0-2.1 km N of the centre of the village	47°42'28"N, 20°48'48"E	90	2023-04-27 PK, VD, ML & AM	3	2.73 ± 0.08	9.09 ± 0.26	5x	PX273684 PX273685	PX276124 PX276125	PX273684 PX273685
HR-06-8, HR-06-10, HR-06-11, HR-06-12	HR-06-hybrid	HR, Osijek-Baranja County, Đurđenovac municipality, Sušine: seasonal pool in horse pastures 280 m SSE of the village	45°32'36"N, 18°04'01"E	103	2023-05-19 PK & ZK	4	1.92 ± 0.01	6.49 ± 0.03	?	PX273687 PX273688 PX273689	PX276127 PX276128 PX276129	PX273687 PX273688 PX273689