Table A.1. Reference COI sequences of *Bythinella* from GenBank. Clade, mOTU and haplotype designations are also provided

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
WILKE ET AL. 2000						
85	Austria – Eastern Alps, National Park Kalkalpen	47.7700	14.3800	AF213349	A/2	H71
WILKE ET AL. 2001						
86	Germany – Rhoen, Sinntal-Schwarzenfels	50.3176	9.7119	AF367653	O/21	H72
SZAROWSKA & WILKE 2004						
87	Austria – Eastern Alps, Kranjska Gora towards Vršic	46.4529	13.7782	AY222649	H/3	H73
32	Slovakia – Inner Western Carpathians, Slovensky Kras, Hrhov spring	48.6089	20.7491	AY222650 AY222651	F/6	H18 × 2
BICHAIN et al. 2007a						
88	France – Île de France, Chery-Chartreuve, Moulin de Veau, spring	49.26250	3.63083	EF016165 EF016166 EF016167 EF016168	O/22	H74 × 4
89	France – Pyrenees, Alas, Ste-Catherine, small stream	42.95528	1.02306	EF016169	B/23	H75
90	France – Pyrenees, La-Bastide-de-Sérou, Suzan, spring	43.02111	1.41944	EF016170 EF016171	B/23	H76 × 2
91	France – Massif Central, St-Denis-les-Martels, La Coste, spring	44.93719	1.80047	EF016172 EF016173	O/24	H77 H78
92	France – Pyrenees, Roquefort-les-Cascades, near Cascade de la Turasse, spring	42.95611	1.76222	EF016174 EF016175	B/23	H79 × 2
93	France – Massif Central, Martel, Les Courtiles, spring	44.92464	1.71460	EF016176 EF016177 EF016178	O/24	H77 × 3
94	France – Massif Central, Rogues, Folatière, subterranean water	43.87759	3.59599	EF016179 EF016180 EF016181 EF016182 EF016183	B/25 B/26	H80 × 4 H81 × 1
95	France – Massif Central, Padirac, Grande Arcade, subterranean water	44.84167	1.75333	EF016184 EF016185 EF016186 EF016187	O/27 O/21	H82 H83 × 3
95	France – Massif Central, Padirac, Padirac, De Joly tributary, subterranean water	44.84167	1.75333	EF016188 EF016189 EF016190 EF016191 EF016192	O/28	H84 × 5
96	France – Massif Central, Mauzac, Fontblanque, spring	44.91934	0.90860	EF016193 EF016194 EF016195	O/24	H85 × 3
97	France – Massif Central, Martel, Gluges, spring	44.9026	1.6637	EF016196 EF016197 EF016198	O/24	H78 × 3
98	France – Massif Central, Sergeac, Poujol, spring	45.05461	0.99322	EF016199 EF016200 EF016201	O/24	H77 H86 H77
99	France – Massif Central, Lalinde, Source des Cannelles, spring	44.88607	0.84418	EF016202 EF016203 EF016204	O/24	H77 × 3
100	France – Massif Central, Couze, Fontaine de la Vierge, spring	44.85733	0.77639	EF016205 EF016206 EF016209	O/24	H77 × 3

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
101	France – Dufort-Lacapelette, St-Hubert, spring	44.17344	1.32362	EF016207 EF016208	B/29	H87 × 2
102	France – Massif Central, Aniane, Font-Cauquillade, spring	43.68778	3.58361	EF016210 EF016211	B/30	H88 × 2
103	France – Massif Central, St-Guilhem-le-Désert, Cabrier, spring	43.74194	3.67826	EF016212 EF016213	B/30	H88 × 2
104	France – Massif Central, Brissac, small stream in urban park	43.87806	3.70194	EF016214 EF016215 EF016216	B/30	H88 × 3
105	France – Massif Central, Montdardier, spring	43.92694	3.59667	EF016217 EF016218 EF016219 EF016220	B/25	H89 × 4
106	France – Massif Central, St-Julien-de-la-Nef, spring	43.97028	3.69167	EF016221 EF016222 EF016123	B/25	H89 × 3
107	France – Massif Central, Aniane, Saint-Laurent, spring	43.68778	3.58361	EF016224 EF016225	B/30	H88 × 2
108	France – Massif Central, St-Jean-de-Buèges, La Buèges, spring	43.80048	3.60759	EF016226 EF016227 EF016228	B/30	H88 × 3
109	France – Massif Central, Saint-Maurice-Navacelles, spring	43.88558	3.54108	EF016229 EF016230 EF016231	B/25	H89 × 3
110	France – Pyrenees, Montségur, Barrineuf, spring	42.87319	1.76949	EF016232	O/21	H90
111	France – Pyrenees, Boussenac, Col de Port, spring	42.89944	1.45194	EF016233 EF016234 EF016240 EF016241 EF016242 EF016243 EF016144 EF016245 EF016246	O/21	H91 × 9
112	France – Vosges, Philisbourg, Falkensteinbach	48.97944	7.56917	EF016247 EF016248	O/24	H96 × 2
113	France – Massif Central, Lapanouse-de-Cernon, Le Cernon, small stream	43.98002	3.00172	EF016235 EF016236	O/21	H92 H93
114	France – Massif Central, St-Laurent-de-Trêves, Rau de Péses, spring	44.27056	3.60348	EF016237 EF016238 EF016239	O/21	H94 H95 H94
HAASE et al 2007						
115	Austria – Eastern Alps, Tscheppaschlucht	46.4837	14.2632	EF379314 EF379315 EF379316 EF379317 EF379318	H/20	H97 × 2 H98 × 3
116	Austria – Eastern Alps, Carinthia, Bärental	46.5052	14.1635	EF379319 EF379320 EF379321 EF379322 EF379323	H/3	H99 × 5
117	Austria – Eastern Alps, Carinthia, Achomitz, Feistritzgraben	46.5716	13.5917	EF379324 EF379325 EF379326 EF379327 EF379328	H/12	H100 × 5

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
118	Austria – Eastern Alps, Carinthia, Farchtnersee	46.6803	13.4517	EF379329 EF379330	H/12	H100 × 2
119	Austria – Eastern Alps, Carinthia, Granitztal, St. Paul	46.6787	14.8346	EF379331 EF379332 EF379333 EF379334 EF379335	H/12	H101 × 5
120	Austria – Eastern Alps, Carinthia, Grades Niedermarkt spring	46.9771	14.2552	EF379336 EF379337 EF379338 EF379339 EF379340	H/18	H102 x5
121	Austria – Eastern Alps, Carinthia, Oberdrauburger Bach	46.7479	12.9702	EF379341 EF379342 EF379343 EF379344	H/12	H103 H104 × 3
122	Austria – Eastern Alps, Carinthia, Podkraj	46.5455	14.7994	EF379345 EF379346 EF379347	H/18	H105 × 3
123	Austria – Eastern Alps, Carinthia, Sand near Grafenstein	46.6072	14.4714	EF379348 EF379349 EF379350 EF379351 EF379352	H/12	H104x 3 H106 H104
124	Slovenia – Eastern Alps, small road between Breg and Zasip, 0.5 street km W of River Občina Bled	46.3879	14.1255	EF379353 EF379354 EF379355 EF379356 EF379357	H/20	H107 × 5
125	Slovenia – Eastern Alps, Potoče near Peddvor	46.3001	14.4545	EF379358 EF379359	H/12	H108 × 2
61	Slovenia – Eastern Alps, Goričana, spring at the cave of Babja Luknja	46.1356	14.3917	EF379360 EF379361 EF379362 EF379363	H/3	H109 H6 H110 H109
87	Austria – Eastern Alps, Kranjska Gora towards Vršic	46.4529	13.7782	EF379364 EF379365 EF379366 EF379367	H/3	H73 × 3 H111
126	Slovenia – Eastern Alps, near Mezica	46.5	14.8	EF379368 EF379369 EF379370 EF379371	H/18	H56 H102 × 2 H112
127	Slovenia – Eastern Alps, Tirosek, road to *Šmiklavž*	46.2690	14.7428	EF379372 EF379373 EF379374 EF379375 EF379376 EF379377	H/12 H/18 H/18 H/12 H/18 H/3	H113 H114 H114 H113 H114 H115
128	Slovenia – Eastern Alps, Frankolovo, towards Zidanca Crešnjice	46.33247	15.32996	EF379378 EF379379 EF379380 EF379381 EF379382	I/31	H116 H117 H116 H118 H118
BENKE et al. 2009						
5	Poland – Krakow-Czestochowa upland, Czerna near Krzeszowice, St. Elias spring	50.1730	19.6401	FJ028901 FJ028902 FJ028903	A/2	H2 × 3

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
129	Poland – Krakow-Czestochowa upland , Garb Teczynski, Zimny Dol valley	50.1	19.7	FJ028904 FJ028905 FJ028906	A/2	H2 × 3
130	Poland – Krakow-Czestochowa upland, Bazan spring	50.17	19.69	FJ028907 FJ028908 FJ028909	A/2	H2 × 3
131	Poland – Krakow-Czestochowa upland, Bedkowska valley	50.18	19.77	FJ028910 FJ028911 FJ028912 FJ028913	A/2	H2 × 4
4	Poland – Krakow-Czestochowa upland, Ojcow National park, Mlynnik spring	50.2395	19.8039	FJ028914 FJ028915 FJ028916 FJ545132	A/2	H2 × 3 H169
132	Poland – Krakow-Czestochowa upland, near Czestochowa, Zygmunt spring	50.7	19.3	FJ028917 FJ028918	A/2	H2 × 2
133	Poland – Tatra Mountains, Strazyska valley	49.27833	19.90944	FJ028919 FJ028924 FJ028925 FJ028926	A/2	H13 × 4
134	Poland – Beskid Wyspowy Mountains, Weglowka	49.7	20.1	FJ028920 FJ028921	A/2	H2 × 2
2	Poland – Krakow-Czestochowa upland, near Wolbrom, Kadlubek spring	50.3749	19.6025	FJ028922 FJ028923	A/2	H2 × 2
135	Slovakia – Inner Western Carpathians, Hnilec	48.80055	20.50604	FJ028927 FJ028928 FJ028929	A/2	H2 × 2 H119
136	Slovakia – Inner Western Carpathians, Gapel	48.88	18.49	FJ028930 FJ028931 FJ028932 FJ028933	A/2	H120 H2 × 3
137	Slovakia – Inner Western Carpathians, Klacno	48.95	18.65	FJ028934 FJ028935 FJ028936	A/2	H11 H2 H11
138	Germany – Bavaria, Unterföhring, Isar embankment	48.18981	11.63592	FJ028941 FJ028942 FJ028943 FJ028944 FJ028938	A/2	H122 × 4 H121
139	Austria – Eastern Alps, Pottenstein, Antonius well	47.96716	16.08071	FJ028945 FJ028946 FJ028947 FJ028948	A/2	H13 × 4
140	Germany – Bavaria, Gufflham	48.14976	12.68767	FJ028949 FJ028950 FJ028951 FJ028952	A/2	H122 H123 H122 H122
141	Austria – Eastern Alps, Kleinzell, spring at northern village boundary	47.98412	15.73826	FJ028953 FJ028954 FJ028955	A/2	H124 H13 × 2
142	Germany – Bavarian Alps, Faselsberg	47.60255	13.00228	FJ028956 FJ028957 FJ028958 FJ028959 FJ028960	A/2	H152 × 5
143	Austria – Eastern Alps, Hinteres Johnsbachtal	47.52803	14.64227	FJ028961 FJ028962 FJ028963	A/2	H11 × 3

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
144	Hungary – near Dunakeszi, Kiscurgo spring	47.66528	19.12722	FJ028964 FJ028965 FJ028966 FJ028967 FJ028968	A/2	H125 × 5
145	Austria – Eastern Alps, near Michendorf, Moosbach	47.90000	14.11667	FJ028969 FJ028970 FJ028971 FJ028972 FJ028973 FJ028974	A/2	H122 × 6
146	Germany – Chiemgau, Meisham	47.94585	12.38315	FJ028975	A/2	H122
147	Hungary – *Börzsöny Mountains,* Csömöle valley, Oz spring	47.85056	19.02111	FJ028976 FJ028977 FJ028978 FJ028979	A/2	H15 × 4
148	Germany – Bavaria, Niederviehbach	48.61755	12.38715	FJ028980	A/2	H122
149	Germany – Black Forest, Stühlingen	47.75798	8.43511	FJ028981 FJ028982 FJ028983 FJ028984	O/21	H126 × 4
150	Germany – Black Forest, Wutachschlucht	47.83225	8.22939	FJ028985	O/21	H126
151	Germany – Bavaria, Egling, Sebaltsmühle	47.91582	11.49988	FJ028986 FJ028987 FJ028988	I/4	H127 × 3
152	Germany – Bavaria, Bad Wörshofen-Dorschhausen, Kalte Quelle	48.01899	10.55812	FJ028989 FJ028990 FJ028991 FJ028992 FJ028993	I/4	H127 × 5
153	Germany – Swabian Alb, Litzelbrunnen	48.29667	9.19480	FJ028994 FJ028995 FJ028996 FJ028997 FJ028998	I/4	H127 × 5
154	Germany – Baden-Württemberg, Bad Schussenried	48.02105	9.65775	FJ028999 FJ029000 FJ029001 FJ029002	I/4	H127 × 4
155	Germany – Hoher Vogelsberg, Hoherodskopf	50.50848	9.22788	FJ029003 FJ029004 FJ029005	O/21	H72 × 3
86	Germany – Rhoen, Sinntal-Schwarzenfels	50.3176	9.7119	FJ029007 FJ029008 FJ029009	O/21	H72 × 3
156	Germany – Rhoen, Abtsroda, Wasserkuppe, Fulda spring	50.49185	9.95343	FJ029010 FJ029011 FJ029012 FJ029013 FJ029014	O/21	H72 × 5
157	Germany – Rhoen, Frankenheim	50.55750	10.06833	FJ029015 FJ029016	O/21	H72 × 2
158	Germany – Rhoen, Kaltennordheim	50.62722	10.15611	FJ029017 FJ029019	O/21	H72 × 2
159	Germany – Rhoen, near Dermbach, Röderburg	50.71879	10.07799	FJ029018	O/21	H72
160	Poland – Beskid Mountains, Zawoja-Widly	49.7	19.6	FJ029020 FJ029021	A/2	H29 × 2

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
161	Germany – near Wuppertal-Elberfeld	51.23853	7.13629	FJ029022 FJ029023 FJ029024	O/24	H77 H128 H77
162	Germany – Rothaargebirge, Kahler Asten	51.17671	8.49541	FJ029025 FJ029026 FJ029027 FJ029028 FJ029029	O/24	H77 × 5
163	Germany – Rothaargebirge, near Bad Laaspe, Eder spring	50.95977	8.54100	FJ029030 FJ029031 FJ029032 FJ029033 FJ029034	O/24	H77 × 5
164	Germany – Palatinate Forest, near Rumbach, nature reserve Brauntal	49.080	7.756	FJ029035 FJ029036 FJ029037 FJ029038 FJ029039	O/24	H96 × 5
165	France – Vosges, near Thann, Col Amic	47.880	7.116	FJ029040 FJ029041 FJ029042 FJ029043 FJ029044	O/24	H77 × 5
166	France – Vosges, near Barr, Sainte Odile	48.438	7.416	FJ029045 FJ029046 FJ029047 FJ029048	O/24	H129 H77 × 3
167	Germany – Black Forest, near Oppenau, Allerheiligen	48.524	8.180	FJ029049 FJ029050 FJ029051 FJ029052 FJ029053	O/24	H130 × 5
168	Germany – Black Forest, near Oppenau, Ramsbach	48.494	8.144	FJ029054	O/24	H130
169	Germany – near Giessen, Dünsberg	50.65583	8.58123	FJ029055 FJ029056	O/24	H77 × 2
170	Belgium – Ardennes, near Rienne	49.96357	4.89160	FJ029057	O/21	H131
171	Belgium – Ardennes, near Vresse	49.87363	4.95063	FJ029058	O/21	H131
172	Belgium – Ardennes, near LaRoche-en-Ardenne	50.18058	5.60733	FJ029059	O/21	H132
173	Belgium – Ardennes, near Bouillon	49.78187	5.04658	FJ029060	O/21	H131
174	Croatia – Kapela Mountains, Gacko Polje near Otocac, Majerovo Vrelo in Sinac	44.81389	15.35917	FJ029061 FJ029062 FJ029063	I/4	H133 × 3
175	France – Normandy, spring at Bois du Nord	49.51333	0.67444	FJ029064 FJ029065 FJ029066	O/22	H74 H134 × 2
176	Croatia – Kapela Mountains, Gacko Polje, Pucirep near Sinac, Gacka spring	44.78806	15.36778	FJ029067 FJ029069 FJ029070	I/4	H133 × 3
177	Croatia – Kapela Mountains, Gacko Polje, Zagrevici, Vrelo Klanac	44.78917	15.35861	FJ029068 FJ029071 FJ029072	I/4	H133 × 3
16	Poland – Tatra Mountains, Lejowa valley	49.2775	19.8498	FJ029073 FJ029074 FJ029075	A/2	H13 × 3
178	Romania – Rodna mountains, Statiunea Borsa	47.66056	24.63111	FJ029076	M/32	H135

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
179	Hungary – Inner Western Carpathians, Bükki Nemzeti Park, Szalajka spring	48.08333	20.40000	FJ029077 FJ029078 FJ029079	F/6	H136 H137 H136
180	Spain – near Bellprat, Font de Riudeboix	41.501	1.426	FJ029080 FJ029081 FJ029082	O/21	H138 × 3
181	Italy – Southern Limestone Alps, spring outlet at bank of the Lago di Valvestino	45.71764	10.61183	FJ029083 FJ029084 FJ029085 FJ029086	I/82	H139 H140 × 3
182	Croatia – Kapela Mountains, Una spring	44.40278	16.11111	FJ029087 FJ029088 FJ029089	I/4	H141 × 3
183	Slovakia – Inner Western Carpathians, Hron spring	48.85983	20.21535	FJ029090 FJ029091	A/2	H17 × 2
47	Slovakia – Inner Western Carpathians, Bansky Studenec	48.4514	18.9759	FJ029092 FJ029093 FJ029094	A/2	H15 H142 H15
184	Andorra – Pyrenees, Llorts, Rio d'Angonella valley	42.60472	1.51250	FJ029095 FJ029096 FJ029097 FJ029098	O/21	H143 × 4
185	France – Champagne, Villemorien, Fontaine du Gris	48.09787	4.30035	FJ029099 FJ029100 FJ029101	O/22	H144 H145 H146
186	France – Île de France – Chery Chartreuve	49.26250	3.46417	FJ029102	O/22	H147
FALNIOWSKI et al. 2009a						
67	Romania – Retezat Mts Natural Park, La Beci, Buta River Valley	45.32010	22.91451	FJ545011 FJ545012 FJ545013 FJ545014 FJ545015 FJ545016 FJ545017 FJ545018 FJ545019 FJ545020 FJ545021 FJ545022 FJ545023	M/17	H148 H148 H149 H149 H148 H150 H150 H150 H149 H148 H148 H148 H149
187	Romania – Retezat Mts Natural Park, Râu Ses Valley, Tarcu-Godeanu	45.32361	22.68083	FJ545024 FJ545025 FJ545026 FJ545027 FJ545028 FJ545029	M/17	H151 H151 H152 H152 H152 H152
188	Romania – Domogled-Valea Cernei National Park, Cerna	45.00917	22.54444	FJ545031 FJ545032 FJ545033 FJ545034 FJ545035 FJ545036	M/17	H153 H154 H153 H154 H154 H154

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
189	Romania – 3.5 km up the valley from locality R10	45.03611	22.56833	FJ545037	M/17	H153
				FJ545038		H153
				FJ545039		H153
				FJ545040		H155
				FJ545041		H155
				FJ545042		H155
				FJ545043		H155
				FJ545044		H153
				FJ545045		H153
				FJ545046		H153
				FJ545047		H155
				FJ545048		H155
190	Romania – Ignis Mts, western slope of the Firiza Lake	47.71722	23.60806	FJ545049	M/33	H156 × 2
				FJ545050		
				FJ545106	J/38	H166 × 5
				FJ545107		
				FJ545108		
				FJ545109		
				FJ545110		
191	Romania – Ignis Mts, upstream the locality R02	47.76611	23.64222	FJ545051	M/33	H156 × 3
				FJ545052		
				FJ545053		
				FJ545111	J/39	H167 × 5
				FJ545112		
				FJ545113		
				FJ545114		
				FJ545115		
				FJ545130	P/40	H168 × 2
				FJ545131		
192	Romania – Ignis Mts, Mara River basin, near Izvoare Resort	47.75389	23.70778	FJ545054	M/34	H157
				FJ545055		H157
				FJ545056		H158
				FJ545057		H158
				FJ545058		H158
				FJ545059		H157
				FJ545060		H157
193	Romania – Ignis Mts, Mara River Basin, in Izvoare Resort	47.7475	23.7175	FJ545061	M/34	H158 × 8
				FJ545062		
				FJ545063		
				FJ545064		
				FJ545065		
				FJ545066		
				FJ545067		
				FJ545068		
				FJ545118	J/38	H166 × 12
				FJ545119		
				FJ545120		
				FJ545121		
				FJ545122		
				FJ545123		
				FJ545124		
				FJ545125		
				FJ545126		
				FJ545127		
				FJ545128		
				FJ545129		

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
194	Romania – Bihor Mts, close to Vârtop Pass, Crisul Baita River Basin	46.52361	22.62361	FJ545069	R/35	H159
				FJ545070		H160
				FJ545071		H160
				FJ545072		H159
				FJ545073		H160
				FJ545074		H159
				FJ545075		H159
				FJ545076		H159
195	Romania – Bihor Mts, Iarba Rea village, Aries River Basin	46.42639	22.77472	FJ545077	R/35	H161 × 7
				FJ545078		
				FJ545079		
				FJ545080		
				FJ545081		
				FJ545082		
				FJ545083		
196	Romania – Calimani Mts, near Salard Village, Toplita-Deda Gorges	46.95278	25.06861	FJ545084	M/36	H162 × 3
				FJ545085		
				FJ545086		
				FJ545087	M/36	H163 × 2
				FJ545088		
				FJ545089	M/37	H164 × 4
				FJ545090		
				FJ545091		
				FJ545092		
				FJ545093	M/36	H163 × 2
				FJ545094		
				FJ545095	M/37	H164 × 2
				FJ545096		
197	Romania – Viseu River Valley near Bistra	47.87056	24.18972	FJ545097	M/19	H165
				FJ545098		H58
				FJ545099		H165
				FJ545100		H58
				FJ545101		H58
				FJ545102		H58
				FJ545103		H165
				FJ545104		H58
				FJ545105		H58
FALNIOWSKI et al. 2009b						
198	Bulgaria – Smoljan, small brook below Smoljanske Lake hotel	41.61694	24.67536	GQ152518	E/41	H170 × 4
				GQ152519		
				GQ152520		
				GQ152521		
				GQ152522		H171
199	Bulgaria – Smoljan, small brook near Amzovo	41.56167	24.69472	GQ152523	E/41	H172 × 2
				GQ152524		
				GQ152525		H173 × 5
				GQ152526		
				GQ152527		
				GQ152528		
				GQ152529		
200	Bulgaria – Anton, below the top of Bolovan hill	42.77097	24.26983	GQ152530	E/41	H174 × 4
				GQ152531		
				GQ152532		
				GQ152533		
201	Bulgaria – Anton, below Bolovan Hill	42.74667	24.28075	GQ152534	E/41	H172 × 4
				GQ152535		
				GQ152536		
				GQ152537		

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
202	Bulgaria – Mugla village	41.62861	24.51889	GQ152538 GQ152539 GQ152540 GQ152541 GQ152542 GQ152543 GQ152544	E/41	H175 × 7
BENKE et al. 2011						
203	Bulgaria – north slope of the Rhodopes Mts., stream of Gargina Dupka cave, near Mostovo	41.85000	24.93253	HM234186 HM234187	E/41	H172 × 2
204	Greece – Samothrace, near village of Samothrace (Hora), road to the Fengari Peak	40.46586	25.57458	HM234188 HM234189 HM234190	E/42	H176 × 2 H177
205	Ukraine – Transcarpathian Oblast, Tjachevskij, Ugolka	48.14033	23.62123	HM234191 HM234192 HM234193	M/43	H178 × 2 H179
206	Romania – Máramaros, Lapus mountains, Valeni	47.71200	24.03019	HM234194 HM234195	J/39 J/38	H180 H181
207	Albania – Periferi Elbasan, E of Cerunjë	40.90596	20.15563	HM234196 HM234197	S/44	H182 × 2
208	Serbia – E Surdulica	42.69306	22.17235	HM234198 HM234199 HM234200	E/41	H183 H184 H185
209	Croatia – Ivanscica mountains, above Progorec	45.53068	18.58605	HM234201 HM234202 HM234203	I/45	H186 H187 H186
210	Turkey – Dilek Peninsula Büyük Menderes Delta National Park	37.67470	27.16327	HM234204 HM234205 HM234206	E/46	H188 × 3
211	Slovenia – Belgrad, Bele Vode	46.40662	14.96709	HM234207 HM234208 HM234209 HM234210	H/18	H56 × 4
212	Italy – Northern Apennines, Liguria, Sergente Boeregu	44.37	9.38	HM234211 HM234212 HM234213 HM234214 HM234215	G/47 G/48	H189 H190 × 4
213	Italy – Northern Apennines, Liguria, springs at the dam on Porra River	44.219	8.255	HM234216 HM234217 HM234218 HM234219 HM234220	C/49	H191 H192 H193 H191 H191
214	Italy – Northern Apennines, Liguria, left bank of T. Nervi	44.38	9.03	HM234221 HM234222 HM234223 HM234224 HM234225	H/50 H/50 H/51 H/50 H/50	H194 H195 H196 H195 H194
215	Italy – Eastern Alps, Venetia, small spring near the Grotta del Tavaran Lungo	45.85228	12.15995	HM234226 HM234227 HM234228	H/3	H197 H198 × 2
216	Italy – Eastern Alps, Trentino-Alto Adige, road for San Romedio	46.33	11.10	HM234229 HM234230 HM234231 HM234232	C/49	H199 × 4

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
217	Italy – Western Alps, Piedmont, Cortavetto	45.099	7.167	HM234233	C/49	H200 × 4
				HM234234		
				HM234235		
				HM234236		
218	Italy – Western Alps, Piedmont, near Cantarana	44.8982	8.0172	HM234237	C/49	H201
				HM234238		H202
				HM234239		H201
				HM234240		H201
219	Italy – Western Alps, Piedmont, Ruá, Fontana di Lucca	43.84302	10.50796	HM234241	C/49	H203
				HM234242		H204
				HM234243		H205
				HM234244		H205
220	Italy – Northern Apennines, Piedmont, road to Vallaro	44.87829	9.82563	HM234245	C/49	H206 × 5
				HM234246		
				HM234247		
				HM234248		
				HM234249		
221	Italy – Western Alps, Piedmont, springs N of Stresa	45.88456	8.53298	HM234250	C/49	H207 × 3
				HM234251		
				HM234252		
222	Italy – Western Alps, Piedmont, Beguda, Fonte Camorei	44.33533	7.45990	HM234253	C/49	H204
				HM234254		H204
				HM234255		H205
				HM234256		H204
223	Italy – Western Alps, Val d'Aosta, spring behind the church of Fontainemore	45.6431	7.8545	HM234257	C/49	H208 × 3
				HM234258		
				HM234259		
224	Italy – Western Alps, Piedmont, spring upstream of the church of Fervento	45.83856	8.08460	HM234260	C/49	H209 × 3
				HM234261		
				HM234262		
				HM234263		H210
225	Italy – Eastern Alps, Venetia, near Mulino Varettoni	46.43608	12.22455	HM234264	H/3	H211 × 4
				HM234265		
				HM234266		
				HM234267		
226	Italy – Western Alps, Piedmont, spring „Tre Pisse", below Bocchetta di Stavello	45.67721	8.14471	HM234268	C/49	H209 × 5
				HM234269		
				HM234270		
				HM234271		
				HM234272		
227	Italy – Western Alps, Piedmont, springs along the Rio Pissa	45.42436	7.55540	HM234273	C/49	H212 × 5
				HM234274		
				HM234275		
				HM234276		
				HM234277		
228	Italy – Western Alps, Piedmont, road between Cuniglione and Pallarea	44.28111	7.97291	HM234278	C/49	H213
				HM234279		H214
				HM234280		H215 × 2
				HM234281		
229	Italy – Eastern Alps, Venetia, Val Lovatel	46.16130	12.18613	HM234282	H/3	H216
				HM234283		H217
230	Bosnia and Herzegovina –, Zelengora, Tjentište	43.36187	18.70673	HM234284	I/13	H218
147	Hungary – *Börzsöny Mountains,* Csömöle valley, Oz spring	47.85056	19.02111	HM234285	A/2	H15 × 3
				HM234286		
				HM234287		
231	Germany – Bavaria, Aßling	48.00328	11.98333	HM234288	A/2	H122 × 2
				HM234289		
232	Germany – Bavaria, Glonn	47.99164	11.85694	HM234290	A/2	H122

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
233	Austria – Eastern Alps, Spumberg	47.68900	13.18124	HM234291	A/2	H219
234	Hungary – Visegrády mountains, near Dunabogdány, Khüllenberg spring	47.78045	19.01865	HM234292 HM234293 HM234294	A/2	H220 × 2 H221
235	Germany – Black Forest, between Badenweiler and Sirnitz	47.8068	7.73623	HM234295 HM234296 HM234297	O/21	H126 × 3
236	Germany – Black Forest, Gießhübel	47.90779	7.87621	HM234298 HM234299 HM234300	O/21	H126 × 2 H222
237	Germany – Black Forest, Oberried, Weilersbach	47.93663	7.9841	HM234301 HM234302 HM234303 HM234304	O/21	H126 × 4
238	Germany – Black Forest, Mühlenbach, road to Prechtal	48.22179	8.10209	HM234305 HM234306 HM234307	O/21	H126 × 3
239	Germany – Bavaria, WSW Reichartsried	47.91243	10.45025	HM234308 HM234309	I/4	H127 × 2
240	Germany – Bavaria, Hopferau	47.61264	10.62335	HM234310 HM234311	I/4	H127 × 2
241	Germany – Bavaria, W of Glonn	47.99167	11.85694	HM234312 HM234313 HM234314	I/4	H127 × 3
242	Greece – Levkas Island, Syvros	38.67092	20.65033	HM234315 HM234316	E/52	H223 × 2
243	Greece – Kessariani	37.95643	23.79247	HM234317	E/16	H224
244	Greece – Makrinitsa/Koukourava	39.39306	22.99853	HM234318	E/53	H225
245	Greece – Evia Island, Metochi	38.05183	24.44969	HM234319 HM234320	E/16	H226 × 2
246	Greece – Evia Island, Kastanolongos	38.03889	24.43472	HM234321 HM234322 HM234323	E/16	H226 × 3
247	Greece – Crete, Asigonia, road towards Episkopi	35.28694	24.33250	HM234324 HM234325	E/54	H227 H228
248	Republic of North Macedonia – road between Mavrovo and Debar	41.57546	20.62057	HM234326 HM234327 HM234328 HM234329	S/55	H229 × 4
249	Montenegro – Berane	42.86	19.86	HM234330	L/56	H230
250	Montenegro – stream Ljevok, near village Ljevok	42.98583	19.43472	HM234331 HM234332 HM234333	L/56	H231 × 3
251	Austria – Eastern Alps, Carinthia, Seeberg, Muri spring	46.42167	14.54694	HM234334 HM234335 HM234336	H/12	H232 × 3
252	Austria – Eastern Alps, Carinthia, Goggau, Lind spring	46.77194	14.17277	HM234337 HM234338 HM234339	H/3	H233 H234 H233
253	Slovenia – Eastern Alps, Tirosek, road to *Šmiklavž*	46.2690	14.7428	HM234340	H/12	H113
254	Austria – Eastern Alps, Carinthia, Zell-Oberwinkel, Hainschgraben	46.43944	14.33778	HM234341 HM234342	H/12	H235 × 2
255	Austria – Eastern Alps, Carinthia, Eisenkappel, Lobnig spring	46.49195	14.63333	HM234343 HM234344 HM234345	H/12	H236 × 3

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
256	Austria – Eastern Alps, Carinthia, Soboth, Multerbach spring	46.65000	14.26306	HM234346 HM234347 HM234348 HM234349	I/57	H237 H238 × 3
257	Austria – Eastern Alps, Carinthia, Rubland, Pichler spring	46.65306	13.71806	HM234350 HM234351 HM234352	H/3	H111 × 3
258	Austria – Eastern Alps, Carinthia, St. Georgen am Längsee, Reipersdorf spring	46.75917	14.42222	HM234353 HM234354 HM234355	H/12	H101 × 3
259	Austria – Eastern Alps, Carinthia, Doberberg spring	46.92556	14.38778	HM234356 HM234357 HM234358	H/18	H102 × 3
260	Austria – Eastern Alps, Carinthia, Huettenberg	46.95111	14.53778	HM234359 HM234360 HM234361 HM234362	H/12	H101 H239 H101 H101
261	Austria – Eastern Alps, Carinthia, Neudenstein	46.64556	14.58333	HM234363 HM234364 HM234365	H/12	H236 × 3
262	Austria – Eastern Alps, Carinthia, Goldeck, Siflitzgraben	46.77111	13.40167	HM234366 HM234367 HM234368	H/12	H235 × 3
263	Austria – Eastern Alps, Carinthia, Tristachersee spring	46.80559	12.79644	HM234369 HM234370 HM234371	H/18	H102 × 3
264	Austria – Eastern Alps, Carinthia, Waidisch	46.50917	14.33917	HM234372 HM234373 HM234374	H/12	H235 × 3
265	Austria – Eastern Alps, Carinthia, Weidenburg	46.65000	13.04361	HM234375 HM234376 HM234377	H/3	H240 H241 × 2
266	Austria – Eastern Alps, Carinthia, Villach, Römerquelle	46.58167	13.81806	HM234378 HM234379 HM234380 HM234381 HM234382	H/12	H100 × 5
267	Austria – Eastern Alps, Carinthia, Wesnitzen-Kömmel	46.60000	14.87111	HM234383 HM234384 HM234385 HM234386	I/57	H242 H242 H243 H242
268	Austria – Eastern Alps, Carinthia, Praditz-Weissensee	46.72122	13.25929	HM234387 HM234388 HM234389 HM234390 HM234391	H/3	H241 × 5
269	Montenegro – Komovi mountains, Stavna spring	42.71056	19.67806	HM234392	N/58	H244
270	Austria – Eastern Alps, Styria, Feldbach	46.95274	15.88877	HM234393	H/12	H245
271	Turkey – Kocapinar, Lake Egirdir	37.699	30.851	HM234394	D/59	H246
FALNIOWSKI & SZAROWSKA 2011						
272	Greece – near Kastania, Taigetos Mts., Peloponnese - P01	36.84061	22.40043	JF314040 JF314041 JF314042 JF314043 JF314044 JF314045 JF314046 JF314047	E60	H247 H248 H248 H248 H249 H249 H248 H248

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
272	Greece – near Kastania, Taigetos Mts., Peloponnese - P01	36.84061	22.40043	JF314048	E60	H248
				JF314049		H248
273	Greece – near Arna, by Arna-Vasiliki road, Taigetos Mts., Peloponnese – P02	36.8792	22.42996	JF314050	E/60	H250
				JF314051		H251
				JF314052		H250
				JF314053		H250
				JF314054		H250
				JF314055		H250
				JF314056		H250
				JF314057		H250
				JF314058		H250
				JF314059		H252
				JF314060		H252
				JF314061		H252
274	Greece – Ghorani, Taigetos Mts., Peloponnese – P03	36.91723	22.43425	JF314062	E/60	H253
				JF314063		H254
				JF314064		H248
				JF314065		H253
				JF314066		H253
				JF314067		H253
				JF314068		H253
				JF314069		H254
				JF314070		H253
				JF314071		H253
				JF314072		H253
				JF314073		H253
275	Greece – NNW of Ghorani. Taigetos Mts., Peloponnese – P04	36.94591	22.40919	JF314074	E/60	H255
				JF314075		H256
				JF314076		H255
				JF314077		H256 × 5
				JF314078		
				JF314079		
				JF314080		
				JF314081		
276	Greece – Agio Theodori, near Belitseika and Koutiveika, Taigetos Mts., Peloponnese – P05	36.94906	22.16663	JF314082	E/60	H249
				JF314083	E/61	H257 × 6
				JF314084		
				JF314085		
				JF314086		
				JF314087		
				JF314088		
277	Greece – S of Anavriti, Taigetos Mts., Peloponnese – P06	37.0301	22.36936	JF314089	E/60	H258
				JF314090	E/16	H259
				JF314091	E/60	H260
				JF314092		H260
				JF314093		H260
				JF314094		H260
				JF314095		H260
				JF314096		H260
				JF314097		H261
				JF314098		H262
				JF314099		H262
				JF314100		H262
				JF314101		H262
				JF314102		H260
				JF314103		H258
				JF314104		H258
				JF314105		H262
				JF314106		H262
				JF314107		H263

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
277	Greece – S of Anavriti, Taigetos Mts., Peloponnese – P06	37.0301	22.36936	JF314108 JF314109	E/60 E/16 E/60	H262 H260
278	Greece – near road Dhiaselo-Pikoulianika, N. Taigetos Mts., Peloponnese – P07	37.0775	22.36043	JF314110 JF314111 JF314112 JF314113 JF314114 JF314115 JF314116 JF314117 JF314118 JF314119 JF314120 JF314121	E/60	H249 H249 H264 H248 H248 H249 H264 H249 H249 H249 H264 H264
279	Greece – WSW of Piana, WNW of Tripolis, Peloponnese – P08	37.57124	22.18877	JF314122 JF314123 JF314124 JF314125 JF314126 JF314127 JF314128 JF314129 JF314130 JF314131 JF314132	E/60	H265 × 11
280	Greece – NE of Palaiokhorion, WNW of Tripolis, Peloponnese – P09	37.62266	22.04938	JF314133 JF314134 JF314135 JF314136 JF314137 JF314138 JF314139 JF314140	E/84	H266 H267 H267 H267 H268 H269 H267 H268
281	Greece – between Bouzion and Kalianci, N. Peloponnese – P10	37.89409	22.4739	JF314141 JF314142 JF314143 JF314144 JF314145 JF314146 JF314147 JF314148	E/85	H270 × 8
282	Greece – Platania Spring, Pisia, N of Loutrakion, Attica – GR11	38.01753	22.98889	JF314149 JF314150 JF314151 JF314152 JF314153 JF314154 JF314155 JF314156	E/16	H259 × 8
243	Greece – Kessariani Monastery, Athens, Attica – GR12	37.95643	23.79247	JF314157 JF314158 JF314159 JF314160	E/16	H259 × 4

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
283	Greece – Gerania Mt., N of Athens, Attica – GR13	38.16358	23.78934	JF314161 JF314162 JF314163 JF314164 JF314165 JF314166 JF314167	E/16	H259 H271 H272 × 5
284	Greece – E of Steni, Evvoia Island – E14	38.58655	23.84531	JF314168 JF314169 JF314170 JF314171 JF314172 JF314173 JF314174 JF314175 JF314176 JF314177 JF314178 JF314179 JF314180 JF314181	E/16	H273 × 14
285	Greece – Adimis, W of Steni, Evvoia Island – E15	38.58762	23.81578	JF314182 JF314183 JF314184 JF314185 JF314186 JF314187 JF314188 JF314189 JF314190 JF314191 JF314192 JF314193	E/16	H274 × 12
286	Greece – Spartias Mt., S of Agios Konstandinos – GR16	38.7518	22.8531	JF314194 JF314195 JF314196 JF314197	E/16	H275 × 4
287	Greece – S of Ano Polidhrosos, Parnassos Mts. – GR17	38.58078	22.56591	JF314198 JF314199 JF314200 JF314201 JF314202 JF314203 JF314204 JF314205 JF314206	E/16	H276 H277 H276 × 7
288	Greece – Agtrini, S of Eptalofos, Parnassos Mts. – GR18	38.58266	22.48987	JF314207 JF314208 JF314209 JF314210 JF314211 JF314212 JF314213 JF314214 JF314215 JF314216	E/16	H278 H278 H279 H278 H275 × 6

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
289	Greece – Kastania Spring, Dhelfoi, Parnassos Mts. – GR19	38.48369	22.50394	JF314217	E/16	H279 × 4
				JF314218		
				JF314219		
				JF314220		
				JF314221		H280
				JF314222		H279
				JF314223		H279
				JF314224		H280
				JF314225		H279
				JF314226		H280
				JF314227		H279
290	Greece – S of Kaloskopi, Pindos Mts. – GR20	38.67505	22.32009	JF314228	E/16	H275 × 14
				JF314229		
				JF314230		
				JF314231		
				JF314232		
				JF314233		
				JF314234		
				JF314235		
				JF314236		
				JF314237		
				JF314238		
				JF314239		
				JF314240		
				JF314241		
291	Greece – Kerasias Spring, Sivros, Lefkas Island – L21	38.67076	20.65017	JF314242	E/52	H223 × 10
				JF314243		
				JF314244		
				JF314245		
				JF314246		
				JF314247		
				JF314248		
				JF314249		
				JF314250		
				JF314251		
292	Greece – Pilion Mt., E of Dhrakia, E of Volos – GR22	39.38433	23.01584	JF314252	E/62	H281 × 5
				JF314253		
				JF314254		
				JF314255		
				JF314256		
293	Greece – Pilion Mt., N of Dhrakia, E of Volos – GR23	39.39362	23.04244	JF314257	E/62	H281
				JF314258		H281
				JF314259	E/53	H282
				JF314260		H281
				JF314261		H281
				JF314262		H282
244	Greece – Makrinitsa-Koukourava, E of Volos – GR24	39.39306	22.99853	JF314263	E/53	H283
				JF314264		H225 × 2
				JF314265		
294	Greece – N slope of Pilion Mt, E of Volos – GR25	39.40967	23.08176	JF314266	E/53	H284 × 6
				JF314267		
				JF314268		
				JF314269		
				JF314270		
				JF314271		
				JF314272	E/62	H281

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
295	Greece – between Kalivia Filaktis and Portitsa, SW of Kardhitsa, Thessalia – GR26	39.32646	21.76391	JF314273 JF314274 JF314275 JF314276 JF314277 JF314278 JF314279 JF314280 JF314281 JF314282 JF314283 JF314284	E/63	H285 H286 × 10 H287
296	Greece – Palaiokhorion, W of Kardhitsa, Thessalia – GR27	39.36854	21.63139	JF314285 JF314286 JF314287 JF314288 JF314289 JF314290 JF314291 JF314292 JF314293 JF314294 JF314295 JF314296	E/64	H288 × 12
297	Greece – Sirakon, Pindos Mts., Epirus – GR28	39.59457	21.10439	JF314297 JF314298 JF314299 JF314300 JF314301 JF314302 JF314303 JF314304	E/16 E/65	H289 H290 H291 H291 H292 H293 H291 H291
298	Greece – Anthousa, Pindos Mts., Epirus – GR29	39.65817	21.20807	JF314305 JF314306 JF314307 JF314308 JF314309 JF314310 JF314311 JF314312 JF314313 JF314314 JF314315	E/66	H294 × 11
FALNIOWSKI et al. 2012b						
299	Poland – Rawka Mt., Bieszczady Mts.	49.1217	22.5878	JQ639854	A/67	H295
3	Poland – spring Romanowskie at *Żelazno*, S of Kłodzko, Sudety Mts.	50.3725	16.6736	JQ639855 JQ639856 JQ639857 JQ639858	A/2	H14 × 4
300	Bulgaria – Stara Planina, spring of Cherni Osam	42.7225	24.7797	JQ639859	E/41	H174
301	Serbia – Pester Plateau, Djerekare village, Straèijevac Hill, Straèijevac spring	43.0000	20.1333	JQ639860 JQ639861 JQ639862	L/68 L/69	H296 × 2 H297
302	Serbia – Rtanj Mt, Vrmdaa gorge, Vrmdaa spring	43.7000	21.8167	JQ639863 JQ639864 JQ639865	E/70	H298 × 3

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
303	Montenegro – Canyon of the River Tara, stream Ljevok	42.9914	19.4314	JQ639866 JQ639867 JQ639868	L/68	H299 × 3
304	Montenegro – National Park Biogradska Gora, Bjelasica Mt.	42.8919	19.6044	JQ639869 JQ639870 JQ639871	N/58	H300 × 3
305	Montenegro – Spring near Biogradsko Lake, Montenegro Berane, spring in Petnjik village	42.8264	19.9028	JQ639872 JQ639873 JQ639874	L/71 L/72 L/72	H301 H302 H303
306	Bulgaria – Sredna Gora Mts., Wof Djulevo village, S of Streltcha town	42.4544	24.3408	JQ639875 JQ639876 JQ639877	E/41	H172 × 3
307	Bulgaria – West Rhodopes Mts, S of Lilkovo village, near Modar peak	41.8775	24.5558	JQ639878 JQ639879 JQ639880	E/41	H304 H305 H306
308	Bulgaria – Belasits Mts., S of Belasitsa village	41.3519	23.1553	JQ639881 JQ639882 JQ639883	E/41	H307 H172 × 2
309	Greece – spring at Karavas, N of Kithira Island	36.3472	22.9494	JQ639884 JQ639885 JQ639886	E/60	H308 × 3
FEHÉR et al. 2013						
51	Hungary – Kács, Kácsi Stream near the spring	47.9634	20.6050	HQ149623 HQ149608 HQ149613 HQ149614 HQ149616 HQ149624 HQ149609	F/15	H50 × 5 H322 × 2
310	Hungary – *Sály*, Latorpuszta, Latori-vizfő	47.9820	20.6318	HQ149612 HQ149620 HQ149615 HQ149619	F/15	H323 H50 × 3
311	Hungary – Bükk, Szilvásvárad, Szalajka Stream	48.0677	20.4234	HQ149535 HQ149537	F/6	H136 × 2
312	Hungary – Miskolc-Lillafüred, Szinva Stream, beneath the water plant	48.0886	20.6197	HQ149625 HQ149597 HQ149602 HQ149603 HQ149604 HQ149605 HQ149607 HQ149611	F/15	H310 × 8
313	Hungary – Miskolc-Lillafüred, Szinva, S of the village	48.0911	20.6197	HQ149563 HQ149564	F/15	H310 × 2
314	Hungary – Miskolc-Sebes, Felső-Sebes-víz, small stream above the reservoir	48.0997	20.5512	HQ149527 HQ149532 HQ149600	F/6	H136 × 3
315	Hungary – Miskolc-Felsőhámor, Szinva Stream above the confluence with Garadna Stream	48.1062	20.6271	HQ149562	F/15	H310
316	Hungary – Miskolc-Felsőhámor, Szinva Stream near Szikla restaurant	48.1065	20.6349	HQ149553	F/15	H310
317	Hungary – Miskolc-Ómassa, Garadna spring	48.1083	20.5312	HQ149555 HQ149556	F/6	H136 × 2

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
318	Hungary – Miskolc-Lillafüred, Eszperantó spring	48.1093	20.6145	HQ149558 HQ149559 HQ149554	F/6	H136 × 2 H137
319	Hungary – Miskolc-Alsóhámor, Szinva Stream	48.1112	20.6457	HQ149531	F/15	H310
320	Hungary – Nagyvisnyó, Bán Stream (ca.6 km upstream of the village)	48.1125	20.4737	HQ149557	F/6	H136
321	Hungary – Miskolc, Forrás-völgy, Közép spring	48.1164	20.6247	HQ149606 HQ149621 HQ149617 HQ149626 HQ149622 HQ149618	F/15	H321 H324 × 4 H325
322	Hungary – Miskolc, Garadna Stream, at the Bánkút-junction	48.1167	20.5748	HQ149560 HQ149598 HQ149533	F/6	H136 × 3
323	Hungary – Mályinka, Ágnes spring	48.1253	20.5243	HQ149529 HQ149530 HQ149528	F/6	H136 × 2 H309
324	Hungary – Mályinka, Mária spring	48.1261	20.5286	HQ149595	F/6	H136
325	Hungary – Mályinka, Harica spring	48.1375	20.5433	HQ149610 HQ149534 HQ149599	F/6	H136 × 2 H320
326	Hungary – Gömör-Torna Karst (Aggtelek Karst, Slovakian Karst) Teresztenye, Kinizsi cave	48.4468	20.6024	HQ149596	F/6	H136
327	Hungary – Tornakápolna, Vizetes-völgyi spring	48.4625	20.6092	HQ149570	F/6	H18
328	Hungary – Tornakápolna, Kecske-kút	48.4653	20.5874	HQ149592	F/6	H136
329	Hungary – Perkupa, Hideg spring	48.4699	20.6969	HQ149536 HQ149538 HQ149561	F/6	H18 × 3
330	Hungary – Perkupa, Rahozna-kút	48.4791	20.7037	HQ149588 HQ149589	F/6	H319 × 2
331	Hungary – Jósvafő, Komlós spring	48.4819	20.5447	HQ149540	F/6	H312
332	Hungary – Szinpetri, Bolyamér Stream	48.4826	20.5957	HQ149571	F/6	H18
333	Hungary – Jósvafő, Tengerszem	48.4830	20.5456	HQ149541	F/6	H18
334	Hungary – Jósvafő, Kossuth cave, Nagy-Tohonya spring	48.4875	20.5504	HQ149573	F/6	H136
335	Hungary – Szin, Nagy-Kopolya spring	48.4971	20.6236	HQ149572	F/6	H18
336	Hungary – Dobódél, Szarukő-alji spring	48.4979	20.7193	HQ149590	F/6	H136
337	Hungary – Jósvafő, Lófej spring	48.5091	20.5492	HQ149591	F/6	H136
338	Slovakia – Bohúňovo	48.5127	20.4075	HQ149539	F/6	H311
339	Hungary – Szögliget, Szeszfőzdei spring	48.5201	20.6816	HQ149586 HQ149576	F/6	H136 H18
340	Hungary – Szögliget, Papkerti spring	48.5231	20.6783	HQ149587	F/6	H18
341	Hungary – Szögliget, Patkós-völgy, Puska Pál spring	48.5259	20.6155	HQ149585	F/6	H136
342	Hungary – Szögliget, Ménes-völgy, Fedor spring 1	48.5294	20.6390	HQ149584	F/6	H136
343	Hungary – Szögliget, Ménes-völgy, Fedor spring 2	48.5294	20.6390	HQ149578	F/6	H136
344	Hungary – Szögliget, Ménes-völgy, Hideg-kút	48.5330	20.6437	HQ149582	F/6	H18
345	Hungary – Szögliget, Ménes-völgy, Medvekerti spring	48.5331	20.5940	HQ149577	F/6	H136
39	Slovakia – Gemerská Hôrka, a spring near the pub	48.5354	20.3782	HQ149543	F/6	H311
346	Hungary – Szögliget, Ménes-völgy, Lizina spring	48.5356	20.5953	HQ149575	F/6	H136
347	Slovakia – Gemerská Hôrka, Päťročenka spring	48.5376	20.3787	HQ149542 HQ149601	F/6	H313 × 2
348	Hungary – Szögliget, a spring beneath Éles-tető	48.5376	20.6214	HQ149547	F/6	H136
349	Hungary – Aggtelek, Ménes-völgy, Mogyorós-kút	48.5392	20.5528	HQ149583	F/6	H18
350	Hungary – Szögliget, Ménes-völgy, Tetves spring	48.5396	20.6634	HQ149581	F/6	H18
351	Hungary – Szögliget, Derenk, Kis-kút	48.5419	20.6414	HQ149552	F/6	H136

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352	Hungary – Szögliget, Kecskés spring	48.5437	20.6239	HQ149574	F/6	H136
353	Hungary – Bódvaszilas, Vecsem spring	48.5509	20.7318	HQ149579	F/6	H318
354	Hungary – Tornanádaska, Kastély-kerti spring	48.5621	20.7847	HQ149580	F/6	H18
355	Hungary – Tornanádaska, Rongyos-kút	48.5670	20.8057	HQ149550	F/6	H18
356	Slovakia – Jablonov nad Turňou, Jablanov spring	48.5837	20.6866	HQ149551	F/6	H18
357	Slovakia – Gemerské Teplice, Gemerskoteplická cave	48.6049	20.2948	HQ149544	F/6	H18
32	Slovakia – Hrhov, stream above the waterfall	48.6072	20.3909	HQ149593 HQ149594	F/6	H18 × 2
33	Slovakia – Kunova Teplica, Hučiaca spring	48.6072	20.3909	HQ149545	F/6	H18
358	Slovakia – Krásnohorská Dlhá Lúka, spring near Krásnahorská cave	48.6178	20.5898	HQ149569	F/6	H136
359	Slovakia – Krásnohorská Dlhá Lúka, Buzgó spring	48.6183	20.5861	HQ149546	F/6	H314
360	Slovakia – Drienovec, 2 km N of the village, Drienovecké kúpele	48.6247	20.9521	HQ149549 HQ149565 HQ149567 HQ149568 HQ149566	F/15	H316 × 5
361	Slovakia – Kováčová, spring in the village	48.6395	20.6965	HQ149548	F/6	H315
GLÖER et al. 2015						
51	Hungary – the rivulet in the village Kács	47.9634	20.6050	KT581249 KT581250 KT581251	F/15	H50 × 3
OSIKOWSKI et al. 2015						
362	Bulgaria – Bezbog Peak, Pirin Mts. - B1	41.75056	23.54421	KT381098 KT381099 KT381100	E/73	H326 × 3
363	Bulgaria – Ribarits village, Stara Planina Mts. - B2	42.82537	24.37299	KT381101 KT381102 KT381103 KT381104	E/41	H172 H172 H327 H172
364	Bulgaria – Leshnishki Waterfall, Belasitsa Mts. - B3	41.36972	23.18664	KT381105 KT381106 KT381107 KT381108	E/41	H328 × 4
365	Bulgaria – Panagyurski Kolonii, Sredna Gora Mts. - B4	42.57166	24.20923	KT381109 KT381110 KT381111	E/41	H172 × 3
366	Bulgaria – Nestinarka beach, Strandzha Mts. - B5	42.15436	27.85634	KT381112 KT381113 KT381114 KT381115 KT381116 KT381117	D/74	H329 × 6
367	Bulgaria – N of Pnitsite area, Stara Planina Mts. - B6	42.66236	24.97741	KT381118 KT381119 KT381120 KT381121 KT381122	E/41	H330 × 5
368	Bulgaria – Lepenitza cave, West Rhodopes Mts. - B7	41.95361	24.01182	KT381123 KT381124 KT381125 KT381126 KT381127 KT381128	E/75 E/41	H331 H332 × 5

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369	Bulgaria – Manuilova Dupka Cave, Rhodopes Mts. - B8	41.71444	23.78282	KT381129	E/73	H326 × 5
				KT381130		
				KT381131		
				KT381132		
				KT381133		
370	Bulgaria – Ravnogor village, West Rhodopes Mts. - B9	41.9500	24.3647	KT381134	E/41	H174
				KT381135		H306 × 2
				KT381136		
371	Bulgaria – Vodni Pech Cave - B10	43.50286	22.78186	KT381137	J/76	H333 × 2
				KT381138		
				KT381139		H334
				KT381140		H335 × 3
				KT381141		
				KT381142		
372	Bulgaria – Koprivskitsa town, Sredna Gora Mts. - B11	42.63572	24.36561	KT381143	E/41	H172
373	Bulgaria – Modarskata Cave, West Rhodopes Mts. - B12	41.87671	24.56096	KT381144	E/41	H170 × 3
				KT381145		
				KT381146		
374	Bulgaria – village of Ravnogor, West Rhodopes Mts. - B9	41.9494	24.88454	KT381147	E/41	H332 × 2
				KT381148		
375	Bulgaria – village of Ravnogor, West Rhodopes Mts. - B14	41.94774	24.35274	KT381149	E/41	H172 × 3
				KT381150		
				KT381151		
376	Bulgaria – Koprivshtitsa town, Sredna Gora Mts. - B15	42.63717	24.36583	KT381152	E/41	H172 × 4
				KT381153		
				KT381154		
				KT381155		
SZAROWSKA et al. 2016						
377	Andros – Pitrofos - G13A01	37.81249	24.87613	KT353624	E/16	H336
				KT353625		H336
				KT353626		H336
				KT353627		H337
				KT353628		H336
				KT353629		H336
378	Andros – AghiosGeorghiosFaralis - G13A04	37.77342	24.89622	KT353630	E/16	H338 × 6
				KT353631		
				KT353632		
				KT353633		
				KT353634		
				KT353635		
				KT353636		H339
				KT353637		H340
379	Andros – Amoniakleon - G13A05	37.75252	24.93432	KT353638	E/16	H340
				KT353639		H339 × 3
				KT353640		
				KT353641		
380	Andros – Ammolochas - G13A07	37.92876	24.77039	KT353642	E/16	H341
				KT353643		H342
				KT353644		H341 × 4
				KT353645		
				KT353646		
				KT353647		
381	Andros – Koumari - G13A08	37.90655	24.73863	KT353648	E/16	H338 × 6
				KT353649		
				KT353650		
				KT353651		
				KT353652		
				KT353653		

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
382	Chios – 4 km E of Leptópodha - G12CH02	38.57366	25.98644	KT353654 KT353655 KT353656 KT353657 KT353658	E/77	H343 × 5
383	Crete – KavallarianiVrisi, E of Tsangariákos, - G13K01	35.32864	23.75287	KT353659 KT353660 KT353661 KT353662 KT353663 KT353664 KT353665 KT353666	E/78	H344 × 8
384	Crete – E of Asfendhilés - G13K02	35.27351	23.75055	KT353667 KT353668 KT353669 KT353670 KT353671 KT353672 KT353673 KT353674	E/78	H345 H346 × 7
385	Crete – Drigies - G13K04	35.19821	24.64336	KT353675 KT353676 KT353677 KT353678 KT353679 KT353680	E/83	H347 × 6
386	Crete – E of Tzermiádhon - G13K07	35.21098	25.54304	KT353681 KT353682 KT353683 KT353684 KT353685 KT353686 KT353687	E/79	H348 × 7
387	Crete – KátoMalákion - G13K09	35.28486	24.41316	KT353688 KT353689 KT353690 KT353691 KT353692 KT353693 KT353694 KT353695	E/54	H349 H227 H350 H227 H349 H349 H351 H349
388	Kithira – Viaradika - G09KIT04	36.23998	22.99695	KT353696 KT353697 KT353698	E/60	308 × 2 H352
389	Naxos – AghioKyriaki - G13N01	37.06969	25.44673	KT353699 KT353700	E/80	H353 × 2
390	Naxos – Aria Spring - G13N02	37.03668	25.49394	KT353701 KT353702 KT353703 KT353704 KT353705 KT353706 KT353707 KT353708	E/80	H354 × 8
391	Turkey – YeltenKoyu ANT5	37.2582	30.17051	KT353709	D/59	H246
392	Turkey – BaspinarKoyu ANT6	37.17755	30.09876	KT353710	D/59	H246
393	Turkey – OkuzgozuMah ANT13	36.92025	30.03559	KT353711	D/59	H246

Id	Locality	Coordinates		COI	clade/ mOTU	haplotype
394	Turkey – YuvahlarKoyu ANT30	36.34361	30.1724	KT353712	D/59	H355
395	Turkey – AltinyakaKoyu ANT36	36.56053	30.35076	KT353713	D/59	H355
396	Turkey – AltinyakaKoyu ANT37	36.56287	30.35024	KT353714	D/59	H356
397	Turkey – AkyaylaKoyu BUR31	37.51503	30.35728	KT353715	D/59	H357
398	Turkey – HasanpasaKoyu BUR41	37.23292	29.88349	KT353716	D/59	H358
399	Turkey – BeykoyKoyu BUR43	37.22404	29.69896	KT353717	D/59	H357
400	Turkey – BucakIncirdereKoyu BUR72	37.47799	30.54971	KT353718	D/59	H359
FALNIOWKI el al. 2023						
402	Bosnia and Herzegovina – Vrelo Vrioštice	43.23773	17.48551	OR373063 OR373064	L/86	H361
outgroup						
	Marstoniopsis graeca					
401	Greece – Lake Vegorritida, small island at Arnissa	40.78206	21.81561	HM234395	T/81	H360