

Appendix 1. RFLP patterns and locations of ITS region from *Daphnia dentifera* (d), *Daphnia galeata mendotae* (gm), *Daphnia galeata galeata* (g) and their hybrids. The RFLP pattern designators are the same as in Figure 4. Locations are listed alphabetically.

Location	Taxon	C1 (d)	C1+C2 (dxgm)	C2 (gm)	B+C2 (ggxgm)	B (gg)	rare	Political region	Latitude	Longitude
Alder Pond	GM			1	1			Alaska	60.806983	-148.940000
Annabessacook Lake	GM			7				Maine	44.268333	-69.986389
Atkinson Lake	GM			6	2			Nebraska	42.538611	-99.000833
Bantam Lake	GM			8				Connecticut	41.704722	-73.221667
Base Line Lake	GM			12		1		Michigan	42.425556	-83.893333
Beech Lake	GM			4	4			Ontario	45.083333	-78.700000
Biwa Ko	GM?			25	7	3		Japan	35.250000	136.083333
Bodensee (Lake Constance)	GG					1		Germany	47.583333	9.283333
Bonavista	GM			5	2			Alberta	51.05	-114.083333
Boyd Lake	GM			2				Maine	45.174722	-68.919722
Center Lake	GM			18				Indiana	41.235556	-85.851111
Chany Lake	GG					1	1	Siberia, Russia	54.838056	77.455000
Clatto Country Park, Dundee	GG					7		Scotland	56.498333	-3.027778
Cold Stream Pond	GM			5	1	1		Maine	45.248333	-68.563333
Coniston Water	GG					6		England	54.316667	-3.066667
Connors Lake	D			6				Alaska	61.1648064	-149.9351196
Crawford Lake	D	3	1	1				Ontario	43.4666667	-79.95

Crooked Lake	DXGM	3	22			Indiana	41.2622222	-85.47944444	
Deep Lake	D	8	1			New York	43.0227778	-77.57111111	
Derwent Water	GG				5	England	54.591667	-3.141667	
Douglas Lake	GM			1		Michigan	45.5811111	-84.69694444	
Emigrant Lake	GM				2	Oregon	42.845833	-120.948333	
Erie Lake	GMXGG			3	11	2	New York	42.773762	-79.159485
First Sister Lake	D	1				Michigan	42.2822222	-83.79333333	
Florence reservoir	GM			1		Oregon	44.000000	-124.000000	
Galeairy Lake	GM		1	2		Ontario	45.500000	-78.283333	
Goose Lake	D	16	2	1		Indiana	41.2397222	-85.55277778	
Grenadier Pond	GMXGG			2	2	Ontario	43.6333333	-79.46666667	
Guelph Lake	GM			10		Ontario	43.600000	-80.250000	
Hammond Lake	D	1				Indiana	41.3647222	-85.6775	
Heart Lake	GM			4	4	Ontario	43.733333	-79.783333	
Hebron Lake	GM			2		Maine	45.281667	-69.531111	
Hran	GG				7	Slovakia	48.550000	21.800000	
James Lake	GM			4		Indiana	41.319444	-85.726389	
Java Lake	GM			3	1	1 New York	42.631111	-78.344167	
Kwinkwaga Lake	GM		1			Ontario	48.800000	-85.333333	
Lago di Como	GG				1	1 Italy	46.000000	9.283333	
Lake St. George	DXGM		1	7		Ontario	43.950000	-79.433333	
Lake St. George	GM			8		Ontario	43.950000	-79.433333	
Lake Texoma	GM			3		Oklahoma	33.8319444	-96.57083333	

Lawrence Lake	D		5		Michigan	42.3205556	-85.265
Lesser Slave Lake	GM		1		Alberta	55.45	-115.45
Little Crooked Lake	DXGM	1			Indiana	41.2583333	-85.4672222
Loch Lomond	GM		1	3	N.B.	45.366667	-65.866667
Loch Oich	GG			5	Scotland	57.066667	-4.079444
Los Carneros Lake	GM		4		California	34.441944	-120.151667
Lower Lough Erne	GG			1	North Ireland	54.500000	-7.800000
Mala kus	GG			5	Czech Republic	49.033333	13.833333
Marathon	GM		1		Ontario	48.75	-86.4333333
Middle Waterton	D		5		Alberta	49.05	-113.8833333
Mirror Lake	GM		2	1	Alaska	61.428333	-149.415000
Mitchell Lake	D	1			Vermont	43.749167	-72.403333
Mitchell Lake	DXGM		1	3	Vermont	43.749167	-72.403333
Mount Tom Pond	GM		8		Connecticut	41.701111	-73.278611
Mud Lake	D	2			Wisconsin	46.18	-89.6075
Old Lake	D	9			Indiana	41.2708333	-85.55305556
Onondaga Lake	GMXGG			4 2	New York	43.093611	-76.214167
Perch Lake	GM		8		Ontario	48.2333333	-89.1333333
Pittock Lake	GM		5	2	Ontario	43.1333333	-80.75
Pokegama Lake	GM		3		Minnesota	47.182222	-93.568611
Poprad -zimni stadion	GG			8	Slovakia	49.050000	20.300000
Price Lake	D	9			Indiana	41.3469444	-85.6775

Rainy Lake	GM	1		5	Ontario	48.700000	-93.166667
Rice Lake	GM			8	Ontario	44.2	-78.16666667
Ril Lake	GM			4	Ontario	45.1666667	-79
Rongie Lake	GM			2	Ontario	48.818611	-87.306111
Round Lake	D	9	3		New York	43.0186111	-77.56305556
Scugog Lake	GM			8	Ontario	44.1666667	-78.83333333
Smyslov	GG				Czech Republic	49.416	14.716
Stockton Lake	GM			7	Missouri	37.697222	-93.761111
Streda nad Bodrogom	GG				Slovakia	48.3666	21.7666
Summit Lake	GM			6	Alaska	60.63585	-149.5069
Teller Pond (unnamed)	D			5	Alaska	65.1703333	-166.3011667
Tippecanoe Lake	DXGM	1	4	2	Indiana	41.327778	-85.759722
Tippecanoe Lake	GM			9	Indiana	41.327778	-85.759722
Turtle Lake	GM			1	Minnesota	47.625556	-93.711667
Ulls Water	GG				England New	54.566667	-2.866667
Utopia Lake	GM			4	Brunswick Czech	45.183333	-66.783333
Velky palenec	GG				Republic Czech	49.033333	13.833333
Vitanov	GG				Republic	49.033333	13.833333
Wawa Lake	GM			4	Ontario	48.016667	-84.716667
Webster Lake	DXGM		1	1	Indiana	41.324722	-85.681944
Webster Lake	GM		1	5	Indiana	41.324722	-85.681944

Weiner Lake	GM		3		Alaska	62.411750	-148.176667	
White Lake	GM		1	6	1	Ontario	48.783333	-85.616667
Wildcat Lake	GM		2	6		Wisconsin	46.670278	-89.620556
Wylund Lake	D	29	13			Indiana	41.3426018	-85.6811295
Zabinec	GG				9	Slovakia	49.800000	15.583333
