

Table 1: Species and specimens used for this study, with GenBank accessions numbers for the three loci examined. Newly produced sequences for *Arctomia borbonica* are in bold.

Species name	LSU	mtSSU	<i>RPB1</i>
<i>Absconditella</i> sp.	AY300825	AY300873	—
<i>Acarosporina microspora</i>	AY584643	AY584612	DQ782818
<i>Aggyrium rufum</i>	EF581826	EF581823	EF581822
<i>Arctomia borbonica</i> 1 (holotype)	JX030030	JX030032	JX030034
<i>Arctomia borbonica</i> 2	JX030031	JX030033	JX030035
<i>Arctomia delicatula</i>	AY853355	AY853307	DQ870929
<i>Arctomia interfixa</i>	DQ007345	DQ007348	—
<i>Arctomia teretiuscula</i>	DQ007346	DQ007349	DQ870930
<i>Aspicilia contorta</i>	DQ986782	DQ986876	DQ986852
<i>Bacidia rosella</i>	AY300829	AY300877	AY756412
<i>Chromatochlamys muscorum</i>	AY607731	AY607743	FJ941910
<i>Coccotrema pocillarium</i>	AF274093	AF329166	DQ870940
<i>Conotrema populorum</i>	AY300833	AY300882	—
<i>Diploschistes ocellatus</i>	HQ659183	HQ659172	DQ366252
<i>Gregorella humida</i>	AY853378	AY853329	—
<i>Gyalectaria diluta</i>	GU980982	GU980974	—
<i>Icmadophila ericetorum</i>	DQ883694	DQ986897	DQ883723
<i>Lecanora intumescens</i>	AY300841	AY300892	AY756386
<i>Neobelonia</i> sp.	AY300830	AY300879	—
<i>Ochrolechia parella</i>	AF274097	AF329173	DQ870959
<i>Ochrolechia upsaliensis</i>	GU980986	GU980979	GU981009
<i>Orceolina kerguelensis</i>	AY212830	AY212853	DQ870963
<i>Pertusaria amara</i>	AF274101	AY300900	DQ973048
<i>Pertusaria lactea</i>	AF381557	AF381564	DQ870971
<i>Pertusaria leioplaca</i>	AY300852	AY300903	DQ870973
<i>Pertusaria paramerae</i>	DQ780326	DQ780293	GU981012
<i>Pertusaria pertusa</i>	AF279300	AF381565	DQ870978
<i>Pertusaria pustulata</i>	DQ780332	DQ780297	GU981013
<i>Pertusaria subventosa</i>	AY300854	DQ780302	DQ870981
<i>Placopsis gelida</i>	AY212836	AY212859	DQ870984
<i>Protothelenella corrossa</i>	AY607734	AY607746	DQ870988
<i>Protothelenella sphinctrinoidella</i>	AY607735	AY607747	DQ870989
<i>Thamnotia vermicularis</i>	AY853395	AY853345	DQ915599
<i>Thelotrema subtile</i>	DQ871013	DQ871020	DQ870998
<i>Toninia cinereovirens</i>	AY756365	AY567724	AY756429
<i>Trapelia chiodectionoides</i>	AY212847	AY212873	DQ870999
<i>Trapeliopsis granulosa</i>	AF274119	AF381567	DQ871001
<i>Wawea fruticulosa</i>	DQ007347	DQ871023	DQ871005