

**Supplementary material**

**The Acrotylaceae (Gigartinales) revisited: molecular data indicate family-level differences in one of the most enigmatic red-algal families**

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**Table S1. List of specimens used in this study with corresponding collection, BOLD and GenBank details**

Number	BOLD	Family	Species	Habit	Collector	Date	Country	Province or State	Geographic location	Latitude	Longitude	COI-5P	rbcL	LSU
G0023	ABMMC4689-09	Acrotylaceae	<i>Acrotylus australis</i> J.Agardh	Drift	G.T.Kraft & G.W.Saunders	30.11.1991	Australia	South Australia	Port MacDonnell	-38.0579	140.6936		KC130223	GQ406346
GWS002410	ABMMC5125-09	Acrotylaceae	<i>Acrotylus australis</i> J.Agardh	Drift	G.W.Saunders	11.10.2004	Australia	Victoria	Queenscliff Jetty, Port Phillip Heads	-38.2669	144.6678	HM916008		
GWS002412	ABMMC5126-09	Acrotylaceae	<i>Acrotylus australis</i> J.Agardh	Drift	G.W.Saunders	12.10.2004	Australia	Victoria	Queenscliff Jetty, Port Phillip Heads	-38.2669	144.6678	HM916009		
GWS017312	ABMMC8458-10	Acrotylaceae	<i>Acrotylus australis</i> J.Agardh	Drift on <i>Cystophora intermedia</i>	G.T.Kraft & G.W.Saunders	1.2.2010	Australia	Victoria	Queenscliff Jetty, Port Phillip Heads	-38.2669	144.6678	MT943643		
GWS017372	ABMMC1448-6-10	Acrotylaceae	<i>Acrotylus australis</i> J.Agardh	Drift on <i>Gelidium asperum</i>	L.Kraft & G.T.Kraft	14.4.2010	Australia	Victoria	Point Lonsdale, east of Lawrence Rd parking lot	-38.276	144.62	MT943628		
GWS017399	ABMMC1451-0-10	Acrotylaceae	<i>Acrotylus australis</i> J.Agardh	Drift on <i>Perithalia caudata</i>	R.Kraft, G.T.Kraft & B.Dog Jr	19.5.2010	Australia	Victoria	Point Lonsdale, town beach	-38.2849	144.615	MT943631		
GWS029559	OZSEA2666-11	Acrotylaceae	<i>Acrotylus australis</i> J.Agardh	Drift on seagrass	G.W.Saunders & K.Dixon	16.11.2011	Australia	South Australia	Port MacDonnell	-38.0579	140.6936	MT943626		
GWS034942	OZSEA4145-13	Acrotylaceae	<i>Acrotylus australis</i> J.Agardh	Drift	K.Dixon & R.Dixon	7.6.2013	Australia	South Australia	Elliston, inside of Point Wellington	-33.6528	134.88283	KU986356*		
GWS025117	OZSEA608-10	Acrotylaceae	<i>Acrotylus cryptographica</i> Kraft & G.W.Saunders	Subtidal (6 m) on <i>Zonaria turneriana</i>	G.W.Saunders & K.Dixon	11.11.2010	Australia	Western Australia	Canal Rocks	-33.6694	114.99531	MT943624	MT943667	MT943648
G0235	ABMMC4741-09	Acrotylaceae	<i>Amphiplexia hymenocladoides</i> J.Agardh		J.Huisman	25.9.1994	Australia	Western Australia	Coral Patches, Abrolhos I.	-28.8567	114.015		MT943683	MT943659
DV016	ABMMC1052-7-10	Acrotylaceae	<i>Amphiplexia racemosa</i> (J.Agardh) Kraft	Drift	G.T.Kraft, R.Kraft, A.Millar & K.Dixon	13.1.2005	Australia	South Australia	Sceale Bay boat ramp, Eyre Peninsula	-33.017	134.19		MT943684	MT943660
GWS034935	OZSEA4210-13	Acrotylaceae	<i>Amphiplexia</i> sp. ISA	Subtidal (2 m) on <i>Amphibolis</i>	K.Dixon & R.Dixon	6.6.2013	Australia	South Australia	Salmon Point, Waterloo Bay	-33.6365	134.87003	MT943623	MT943666	MT943647
GWS016594	ABMMC8335-10	Acrotylaceae	<i>Antrocentrum hamatum</i> (Zanardini) Kraft & G.W.Saunders	Subtidal (5 m) on seagrass	G.W.Saunders, L.Kraft & K.Dixon	2.2.2010	Australia	Victoria	The Springs, Point Lonsdale	-38.2761	144.62029	HM918261		
GWS014857	ABMMC7128-10	Acrotylaceae	<i>Antrocentrum mollis</i> (Harvey) Kraft & G.W.Saunders	Drift	G.T.Kraft & G.W.Saunders	14.1.2010	Australia	Victoria	Queenscliff Jetty, Port Phillip Heads	-38.2669	144.6678	HM917448		
GWS016642	ABMMC8381-10	Acrotylaceae	<i>Antrocentrum mollis</i> (Harvey) Kraft & G.W.Saunders	Subtidal (4 m) on rock	G.W.Saunders, L.Kraft & K.Dixon	2.2.2010	Australia	Victoria	The Springs, Point Lonsdale	-38.2761	144.62029	HM918289		
GWS028830	OZSEA2149-11	Acrotylaceae	<i>Antrocentrum mollis</i> (Harvey) Kraft & G.W.Saunders	Subtidal (3 m) rock	P.Gabrielson	23.11.2011	Australia	South Australia	Shell Bay, Yorke Peninsula	-35.1924	136.87222	MT943637		
GWS029525	OZSEA2634-11	Acrotylaceae	<i>Antrocentrum mollis</i> (Harvey)	Subtidal (3 m) on rock	G.W.Saunders & K.Dixon	15.11.2011	Australia	Victoria	Nuns Beach under	-38.3425	141.6075	MT943632		

Number	BOLD	Family	Species	Habit	Collector	Date	Country	Province or State	Geographic location	Latitude	Longitude	COI-5P	rbcL	LSU
GWS029526	OZSEA2635-11	Acrotylaceae	Kraft & G.W.Saunders <i>Antrocentrum mollis</i> (Harvey)	Subtidal (3 m) on rock	G.W.Saunders & K.Dixon	15.11.2011	Australia	Victoria	Lighthouse, Portland Nuns Beach under Lighthouse, Portland	-38.3425	141.6075	MT943635		
GWS029651	OZSEA2754-11	Acrotylaceae	Kraft & G.W.Saunders <i>Antrocentrum mollis</i> (Harvey)	Mid intertidal pool (in cave) on rock	G.W.Saunders & K.Dixon	17.11.2011	Australia	South Australia	Little Dip Conservation Park (Hermitage Trek)	-37.2184	139.77255	MT943627*	MT943670	MT943650
GWS014887	ABMMC7148-10	Acrotylaceae	<i>Antrocentrum nigrescens</i> (J.D.Hooker & Harvey) Kraft & Min-Thein	Subtidal (5 m) on rock	G.W.Saunders & K.Dixon	18.1.2010	Australia	Tasmania	Windmill Point, George Town	-41.1097	146.81699	HM917460		MT943653
GWS014943	ABMMC7196-10	Acrotylaceae	<i>Antrocentrum nigrescens</i> (J.D.Hooker & Harvey) Kraft & Min-Thein	Subtidal (15 m) on rock	G.W.Saunders & K.Dixon	18.1.2010	Australia	Tasmania	Windmill Point, George Town	-41.1097	146.81699	HM917500*		
GenBank record		Acrotylaceae	<i>Antrocentrum nigrescens</i> (J.D.Hooker & Harvey) Kraft & Min-Thein										KC174793	
G0252	ABMMC10587-10	Acrotylaceae	<i>Clavicladium ovatum</i> (Lamouroux) Kraft & Min-Thein		J.Huisman		Australia	Western Australia					MT943669	MT943649
G0308	ABMMC4763-09	Acrotylaceae	<i>Hennedya crispa</i> Harvey	Drift	J.Huisman	16.2.1995	Australia	Western Australia	Mangles Bay	-32.268	115.716		MT943679	KF026510
GWS024585	OZSEA967-10	Acrotylaceae	<i>Hennedya crispa</i> Harvey	Subtidal (3 m) on rock	G.W.Saunders & K.Dixon	8.11.2010	Australia	Western Australia	Windy Harbour	-34.8375	116.01425	MT943640		
GWS024898	OZSEA968-10	Acrotylaceae	<i>Hennedya crispa</i> Harvey	Subtidal (5 m) on rock	G.W.Saunders & K.Dixon	10.11.2010	Australia	Western Australia	Cozy Corner (Knobby Pt)	-34.256	115.02777	MT943641		
GWS024980	OZSEA969-10	Acrotylaceae	<i>Hennedya crispa</i> Harvey	Subtidal (6 m) on rock	G.W.Saunders & K.Dixon	10.11.2010	Australia	Western Australia	Cozy Corner (Knobby Pt)	-34.256	115.02777	KF026467*	KF026488*	
GWS025545	OZSEA1675-10	Acrotylaceae	<i>Hennedya crispa</i> Harvey	Subtidal (2.5 m) on rock	G.W.Saunders & K.Dixon	17.11.2010	Australia	Western Australia	Ricey Beach, Rottnest I.	-32.0002	115.49003	MT943630		
GWS028725	ABMMC16400-11	Acrotylaceae	<i>Hennedya crispa</i> Harvey		M.H. Hommersand	26.9.1995	Australia	Western Australia	Foul Bay, Cozy Corner			MT943638		
GWS002474	REDCA021-12	Areschougiaceae	<i>Areschougia congesta</i> (Turner) J.Agardh	Subtidal (10 m) on rock on breakwater	G.T.Kraft	19.10.2004	Australia	Victoria	Breakwater at harbour, Portland	-38.329	141.636		KC130213	GQ406347
GWS029534	OZSEA2643-11	Areschougiaceae	<i>Areschougia congesta</i> (Turner) J.Agardh	Subtidal (3 m) on rock	G.W.Saunders & K.Dixon	15.11.2011	Australia	Victoria	Nuns Beach under Lighthouse, Portland	-38.3425	141.6075	MT943634		
GWS000322	ABMMC4852-09	Areschougiaceae	<i>Erythroclonium angustatum</i> Sonder	Drift	G.T.Kraft	13.7.1997	Australia	South Australia	Port MacDonnell	-38.0579	140.6936	HM915862*	KF026484	
GWS029657	OZSEA2760-11	Areschougiaceae	<i>Erythroclonium angustatum</i> Sonder	Mid intertidal pool (in cave) on rock	G.W.Saunders & K.Dixon	17.11.2011	Australia	South Australia	Little Dip Conservation Park (Hermitage Trek)	-37.2184	139.77255	KF026461		KF026499

Number	BOLD	Family	Species	Habit	Collector	Date	Country	Province or State	Geographic location	Latitude	Longitude	COI-5P	rbcL	LSU
G0360	ABMMC4774-09	Areschougiaceae	<i>Rhabdonia</i> sp. IWA	Drift	G.W.Saunders	7.11.1995	Australia	Western Australia	Pinnaroo Pt (Leeman)	-29.9458	114.9805	HM915819	KF026485	KF026501
2016_BIO309A_48	ABMMC2168-3-16	Caulacanthaceae	<i>Catenella caespitosa</i> (Withering) L.Irvine	Shady turf, intertidal	C.S.Armitage	18.4.2016	Norway	Hordaland	Søre egdholmen	60.2602	5.212122	MN184404	MN184551	
GWS005891	ABMMC9499-10	Chondrymeniaceae	Chondrymeniic sp. nov.		T.Sanderson & M. Hommersand	30.3.2006	Bahamas		Dump Reef, ~1 mile west of GRC Field Station, San Salvador - SCUBA			HM918785	KF026497	KF026513
GWS002030	ABMMC5077-09	Chondrymeniaceae	<i>Crebradomus gongylocarpus</i> Kraft & G.W.Saunders	Subtidal (6 m) on reef flats & under overhangs	G.W.Saunders	31.1.2004	Australia	New South Wales	Lord Howe I.; Comet's Hole, The Lagoon	-31.532	159.068	HM915973	KF026482	KF026500
GWS023520	OZSEA1667-10	Chondrymeniaceae	<i>Dissimularia dactylocarpa</i> Kraft & G.W.Saunders	Subtidal (15 m) on rock	G.W.Saunders, K.Dixon & R.Withall	24.11.2010	Australia	New South Wales	Algae Hole North, Lord Howe	-31.5619	159.06578	KF026465	KF026487	KF026503
GWS016597	ABMMC8338-10	Cystocloniaceae	<i>Austroclonium charoides</i> (Harvey) Min-Thein & Womersley	Subtidal (5 m) on seagrass	G.W.Saunders, L.Kraft & K.Dixon	2.2.2010	Australia	Victoria	The Springs, Point Lonsdale	-38.2761	144.62029	HM918264	MT943672	
G0359	ABMMC4773-09	Cystocloniaceae	<i>Calliblepharis celatospora</i> Kraft	Drift	G.T.Kraft & G.W.Saunders	7.11.1995	Australia	Western Australia	Pinnaroo Pt (Leeman)	-29.9458	114.9805	MN941987	MN942000	DQ343687
GWS014644	ABMMC1492-4-11	Cystocloniaceae	<i>Calliblepharis ciliata</i> (Hudson) Kützing	Drift	M.D.Guiry	12.8.2010	Ireland	Kerry	Smerwick Harbour			MG462770	MG462775	
GWS015805	ABMMC7756-10	Cystocloniaceae	<i>Calliblepharis</i> sp. ITAS	Subtidal (8 m) tangled in base of <i>Caulerpa</i>	G.W.Saunders & K.Dixon	23.1.2010	Australia	Tasmania	Tinderbox (Fiona's Point)	-43.0585	147.33324	HM917876	MT943676	MT943655
GWS029877	OZSEA2876-11	Cystocloniaceae	<i>Craspedocarpus ramentaceus</i> (C.Agardh) Min-Thein & Womersley	Drift	G.W.Saunders & K.Dixon	19.11.2011	Australia	South Australia	Cape Jaffa	-36.9442	139.67487	MN941993	MN942003	MN941982
GWS029587	OZSEA2694-11	Cystocloniaceae	<i>Craspedocarpus venosus</i> (Kützing) Min-Thein & Womersley	Drift	G.W.Saunders & K.Dixon	16.11.2011	Australia	South Australia	Port MacDonnell	-38.0579	140.6936	MT943629	MT943671	MT943651
G0421	REDCA016-12	Cystocloniaceae	<i>Cystoclonium purpureum</i> (Hudson) Batters	Low intertidal on rock	G.W.Saunders	7.10.1995	Canada	New Brunswick	Lepreau exposed biodiversity site, Bay of Fundy	45.0722	-66.469		KC130217	KC130242
GWS032096	ABMMC1778-8-12	Cystocloniaceae	<i>Cystoclonium purpureum</i> (Hudson) Batters	Subtidal (10 m) on rock	G.W.Saunders & A.Savoie	15.8.2012	Canada	Nova Scotia	Canso Causeway Canal Lighthouse	45.6483	-61.41501	KY572331		
GWS029862	OZSEA2861-11	Cystocloniaceae	<i>Gloiophyllis barkeriae</i> (Harvey) J.Agardh	Drift	G.W.Saunders & K.Dixon	19.11.2011	Australia	South Australia	Cape Jaffa	-36.9442	139.67487	MN941988	MN942001	MN941980

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GWS034952	OZSEA4150-13	Cystocloniaceae	<i>Hypnea musciformis</i> (Wulfen) J.V.Lamouroux	Drift	K.Dixon & R.Dixon	7.6.2013	Australia	South Australia	Elliston, inside of Point Wellington	-33.6528	134.88283	MT943622	MT943664	MT943645
GWS015053	ABMMC7290-10	Cystocloniaceae	<i>Rhodophyllis membranacea</i> (Harvey) Hooker & Harvey ex Harvey	Subtidal (23 m) on invert	G.W.Saunders & K.Dixon	19.1.2010	Australia	Tasmania	Windmill Point, George Town	-41.1097	146.81699	HM917558	MN941998	MN941977
GWS000213	ABMMC4841-09	Cystocloniaceae	<i>Rhodophyllis multipartita</i> Harvey	Drift	G.T.Kraft	30.6.1997	Australia	Victoria	Warmambool	-38.4032	142.4754	HM915857		KF026515
GWS015211	ABMMC7412-10	Cystocloniaceae	<i>Rhodophyllis multipartita</i> Harvey	Subtidal (6 m) on rock	G.W.Saunders & K.Dixon	21.1.2010	Australia	Tasmania	Burying Ground Point	-43.4401	146.98883	HM917635*	KF026495	
GWS040848	ABMMC2184-5-16	Cystocloniaceae	<i>Rhodophyllis</i> sp. MAR4	Subtidal (14 m) on shell	G.W.Saunders & T.Bringloe	11.6.2016	Norway		Stora Lauvøyna (at intersection with Fv219)	60.4425	5.06462	MG462772	MG462778	
DV009	ABMMC1052-1-10	Cystocloniaceae	<i>Stictosporum nitophylloides</i> (Harvey) J.Agardh	Drift	G.T.Kraft, A.Millar & K.Dixon	13.1.2005	Australia	South Australia	Sceale Bay boat ramp, Eyre Peninsula	-33.017	134.19	MN941985	MN941996	MN956674
GWS024634	OZSEA970-10	Cystocloniaceae	<i>Stictosporum</i> sp. 1WA	Subtidal (3 m) on algae	G.W.Saunders & K.Dixon	8.11.2010	Australia	Western Australia	Windy Harbour	-34.8375	116.01425	MT943625	MT943668	
GWS017367	ABMMC1448-1-10	Dicranemataceae	<i>Dicranema cincinnalis</i> Kraft	Drift on <i>Amphibolis antarctica</i>	L.Kraft & G.T.Kraft	14.4.2010	Australia	Victoria	Point Lonsdale, east of Lawrence Rd parking lot	-38.276	144.62	MT943644	MT943687	MT943662
G0036	REDCA017-12	Dicranemataceae	<i>Dicranema revolutum</i> (C.Agardh) J.Agardh	Drift	G.T.Kraft & G.W.Saunders	1.12.1991	Australia	South Australia	Port MacDonnell	-38.0579	140.6936			GQ406349
GWS014819	ABMMC7095-10	Dicranemataceae	<i>Dicranema revolutum</i> (C.Agardh) J.Agardh	Drift on seagrass.	G.T.Kraft & G.W.Saunders	13.1.2010	Australia	Victoria	Queenscliff Jetty, Port Phillip Heads	-38.2669	144.6678	HM917423	KC130231	
GWS024722	OZSEA1035-10	Dicranemataceae	<i>Dicranema</i> sp. 1WA	Subtidal (2 m) on seagrass	G.W.Saunders & K.Dixon	9.11.2010	Australia	Western Australia	Cape Leeuwin Lighthouse	-34.3717	115.1363	MT943633	MT943673	MT943652
GWS001772	ABMMC1080-2-10	Furcellariaceae	<i>Furcellaria lumbricalis</i> (Hudson) Lamouroux	Drift	Demii Rae Payer	14.7.2003	Canada	Nova Scotia	Broad Cove Campground, Cabot Trail, Cape Breton	46.7119	-60.3516			GQ406350
GWS003509	ABMMC9102-10	Furcellariaceae	<i>Furcellaria lumbricalis</i> (Hudson) Lamouroux	Drift	G.W.Saunders	11.11.2005	Canada	Nova Scotia	Pomquet Harbour, Antigonish	45.662	-61.8328		KC130215	
GWS018536	ABMMC1188-7-10	Furcellariaceae	<i>Halarachmion parvum</i> Yamada	Subtidal (13 m) on rock	G.W.Saunders & H-G.Choi	19.5.2010	South Korea	Jeju	Channel between Little & Big Munseom Islands	33.2275	126.56802	HQ544098	MT943681	
GWS022168	ABMMC1232-2-10	Furcellariaceae	<i>Peyssonneliopsis epiphytica</i> Setchell & Lawson	Subtidal (5 m) on rock	B.Clarkston, K.Hind & S.Toews	20.5.2010	United States of America	California	Stillwater Cove, Pebble Beach	36.5667	-121.94289	KM254771	MT943680	MT943657
GWS002829	ABMMC496-06	Gigartinaeae	<i>Chondracanthus exasperatus</i> (Harvey & Bailey) Hughey	Low intertidal on rock	G.W.Saunders	7.6.2005	Canada	British Columbia	Bamfield, Wizard I.	48.8583	-125.1588	GQ398091	JN403073	GQ338089

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GWS000960	ABMMC4926-09	Mychodeaceae	<i>Mychodea acanthymenia</i> Kraft	Subtidal (6 m) on rocky reef	G.W.Saunders	11.12.2000	Australia	Victoria	Cottage by the Sea Reef, Queenscliff	-38.2719	144.6503	HM915892	JX969795	EF033614
GWS001899	ABMMC5028-09	Mychodeaceae	<i>Mychodea membranacea</i> J.D. Hooker & Harvey	Subtidal (6–10 m) on rock	G.W.Saunders & R.Withall	23.1.2004	Australia	Tasmania	Nine Pin Point	-43.2865	147.1643	HM915945	KY250745	KY260584
GWS024289	OZSEA1142-10	Mychodeaceae	<i>Mychodea minutissima</i> G.W.Saunders & Kraft	Subtidal (3 m) on rock wall	G.W.Saunders & K.Dixon	6.11.2010	Australia	Western Australia	Mutton Bird I.	-35.0475	117.69389	KY250796	KY250765	KY260591
GWS029573	OZSEA2680-11	Mychodeaceae	<i>Mychodea ramulosa</i> J.Agardh	Drift	G.W.Saunders & K.Dixon	16.11.2011	Australia	South Australia	Port MacDonnell	-38.0579	140.6936	KY250785	KY250752	KY260586
G0385	ABMMC4794-09	Mychodeophyllaceae	<i>Mychodeophyllum papillitectum</i> Kraft	Drift	G.W.Saunders & G.T.Kraft	13.11.1995	Australia	Western Australia	Seven Mile Beach	-29.17	114.888	HM915826	KF026493	GQ406355
GWS032543	OZSEA3303-13	Mychodeophyllaceae	<i>Mychodeophyllum</i> sp. 1crust	Subtidal (2 m) on <i>Cystophora</i>	G.W.Saunders & K.Dixon	6.12.2012	Australia	New South Wales	Warden Head (Beach North Side), Ulladulla	-35.3603	150.48677	MT943636	MT943675	MT943654
GWS002887	ABMMC122-06	Phylloporaceae	<i>Ahnfeltiopsis linearis</i> (C.Agardh) P.C.Silva & DeCew	Low intertidal on rock in sand	G.W.Saunders	8.6.2005	Canada	British Columbia	Bamfield, Bradys Beach	48.8263	-125.1549	GQ380028*		GQ338104
GWS003998	ABMMC1712-07	Phylloporaceae	<i>Ahnfeltiopsis linearis</i> (C.Agardh) P.C.Silva & DeCew	On rock, sand swept, low intertidal	G.W.Saunders, B.Clarkston & D.McDevit	15.6.2006	Canada	British Columbia	Bamfield, Bradys Beach	48.8263	-125.1549	GQ380029	GQ338148	
BDA0368	BERMR218-10	Phylloporaceae	<i>Archestenogramma profundum</i> C.W. Schneider, T. Chengsupanimit & G.W.Saunders	Subtidal 9–15 m on reef	C.W.Schneider	23.08.2010	Bermuda		Cathedral Rock off Castle Harbour, South Shore	32.342	-64.65672	HQ933374	JN403075	JN403059
GWS004217	ABMMC1305-07	Phylloporaceae	<i>Besa leptophylla</i> (J.Agardh) M.S.Calderon & K.A.Miller	Subtidal (1 m) on cobble (shallow dive on rising tide)	G.W.Saunders, B.Clarkston & D.McDevit	21.6.2006	Canada	British Columbia	Whiffin Spit, Sooke Harbour, Vancouver Island	48.3521	-123.7281	GQ380027	GQ338147	GQ338102
GWS002323	ABMMC163-06	Phylloporaceae	<i>Coccotylus truncatus</i> (Pallas) Wynne & Heine	Subtidal (20 m) on rock	G.W.Saunders	31.8.2004	Canada	Nova Scotia	Lighthouse, Louisbourg, Cape Breton	45.9048	-59.9536	GQ380078*		GQ338111
GWS005213	ABMMC1130-06	Phylloporaceae	<i>Coccotylus truncatus</i> (Pallas) Wynne & Heine	Subtidal (6 m) on rock	G.W.Saunders, B.Clarkston & D.McDevit	19.8.2006	Canada	Manitoba	Out the river and right, Churchill	58.7787	-94.1582	GQ380071	GQ338134	
GWS001331	ABMMC151-06	Phylloporaceae	<i>Mastocarpus pachenicus</i> L.Le Gall & G.W.Saunders	Mid- to low intertidal on rock	G.W.Saunders	28.4.2002	Canada	British Columbia	Bamfield, Bradys Beach	48.8241	-125.162	GQ380174	GQ338145	GQ338101
GWS004011	ABMMC1299-07	Phylloporaceae	<i>Ozophora lanceolata</i> L.Le Gall & G.W.Saunders	On rock ledge, low intertidal	G.W.Saunders, B.Clarkston & D.McDevit	15.6.2006	Canada	British Columbia	Bamfield, 'Sparlingia Pt.', Bradys Beach	48.8242	-125.1593	GQ380341	GQ338128	GQ338112

Number	BOLD	Family	Species	Habit	Collector	Date	Country	Province or State	Geographic location	Latitude	Longitude	COI-5P	rbcL	LSU
GWS008744	ABMMC1639-07	Phylloporaceae	<i>Stenogramma bamfieldiense</i> L.Le Gall & G.W.Saunders	Subtidal (13 m) on wormtubes	G.W.Saunders & B.Clarkston	16.6.2007	Canada	British Columbia	Bamfield, Wizard I.	48.8583	-125.1588	GQ380373	GQ338127	GQ338120
GWS000387	ABMMC4857-09	Placentophoraceae	<i>Callophycus laxus</i> (Sonder) Silva	Drift	G.T.Kraft	1.5.1998	Australia	Victoria	Warmambool	-38.4032	142.4754	MT943642	MT943686	MT943661
GWS025543	OZSEA1577-10	Placentophoraceae	<i>Callophycus oppositifolius</i> (C. Agardh) P.C. Silva	Subtidal (2.5 m) on rock	G.W.Saunders & K.Dixon	17.11.2010	Australia	Western Australia	Ricey Beach, Rottnest I.	-32.0002	115.49003		MT943665	MT943646
GWS024962	OZSEA1104-10	Placentophoraceae	<i>Callophycus</i> sp. 2WA	Subtidal (5 m) on rock	G.W.Saunders & K.Dixon	10.11.2010	Australia	Western Australia	Cozy Corner (Knobby Pt.)	-34.256	115.02777	MT943639	MT943682	MT943658
GWS032709	OZSEA3609-13	Placentophoraceae	<i>Callophycus tridentifer</i> Kraft	Subtidal (5 m) on rock	G.W.Saunders & K.Dixon	11.12.2012	Australia	New South Wales	Mutton Bird Island (N), Coffs Harbour	-30.3047	153.15096		MT943678	MT943656
GWS032776	OZSEA3611-13	Placentophoraceae	<i>Callophycus tridentifer</i> Kraft	Subtidal (4 m) on rock	G.W.Saunders & K.Dixon	12.12.2012	Australia	New South Wales	Mutton Bird Island (S), Coffs Harbour	-30.3047	153.14796		MT943674*	
GWS018048	ABMMC1031-10	Solieriaceae	<i>Agardhiella subulata</i> (C.Agardh) Kraft & M.J.Wynne	Subtidal (5 m) on rock	B.Clarkston, D.McDevit, M.Bruce, A.Savoie, C.Longtin	16.4.2010	United States of America	Rhode Island	Fort Wetherill	41.4791	-71.360656	HM915174	MN135241	MN135153
GWS025585	OZSEA1515-10	Solieriaceae	<i>Betaphycus speciosus</i> (Sonder) Doty	Subtidal (2.5 m) on rock	G.W.Saunders & K.Dixon	17.11.2010	Australia	Western Australia	Ricey Beach, Rottnest I.	-32.0002	115.49003	MN135206	MN135237	MN135149
GWS023881	OZSEA1529-10	Solieriaceae	<i>Eucheuma serra</i> (J.Agardh) J.Agardh	Subtidal (6 m) on rock	G.W.Saunders & R.Withall	26.11.2010	Australia	New South Wales	Yellow Rock, Lord Howe I.	-31.515	159.0344	MN135203	MN135236	MN135148
GWS014135	ABMMC1442-3-10	Solieriaceae	<i>Meristotheca</i> sp. 1Oman	Drift	G.Richards	9.9.2001	Sultanate of Oman	Dhofar	Western side of Wadi Zeid (Hoons Bay), East of Mirbat, Dhofar	16.945	54.804017	MN135190	MN135233	MN135146
GWS001690	ABMMC624-06	Solieriaceae	<i>Sarcodiotheca furcata</i> (Setchell & Gardner) Kylin	Subtidal (16 m) on rock	G.W.Saunders & C.E.Lane	23.5.2003	Canada	British Columbia	Shields Island Bay, Rennell Sound, Haida Gwaii	53.4167	-132.75	MN135174		MN956670
GWS030803	ABMMC1750-8-12	Solieriaceae	<i>Sarcodiotheca furcata</i> (Setchell & Gardner) Kylin	Subtidal (8 m) on cobble	G.W.Saunders & K.Dixon	11.6.2012	Canada	British Columbia	Macrocystis bed at entrance to George Bay, Gwaii Haanas	52.3067	-131.33208	MN319653*	MN319654	
GWS025618	OZSEA1569-10	Solieriaceae	<i>Sarconema scinaoides</i> Børgesen	Subtidal (2.5 m) on rock	G.W.Saunders & K.Dixon	17.11.2010	Australia	Western Australia	Ricey Beach, Rottnest I.	-32.0002	115.49003	MN135163	MN135231	MN135145
GWS002082	ABMMC5103-09	Solieriaceae	<i>Solieria anastomosa</i> Gabrielson & Kraft	Subtidal (14 m) on reef flats	G.W.Saunders	2.2.2004	Australia	New South Wales	Lord Howe I., Middle Beach	-31.55	159.1	HM915992	MN135242	MN956673
GWS002021	ABMMC5071-09	Solieriaceae	<i>Solieria filiformis</i> (Kützting) P.W.Gabrielson	Subtidal (15 m) on reef flats	G.T.Kraft	30.1.2004	Australia	New South Wales	North Head Gutters, Lord Howe I.	-31.515	159.0344	HM915968	MN135230	MN956672
GWS001590	ABMMC5013-09	Solieriaceae	<i>Solieria robusta</i> (Greville) Kylin	Subtidal (4 m) on cobble	G.W.Saunders	9.12.2002	Australia	Victoria	Flinders Jetty	-38.4667	145.0167	HM915934	KC130210	GQ406360
BDA1981	ABMMC2272-9-16	Solieriaceae	<i>Tepoztequiella muriamans</i> C.W.Schneid., E.S.Petersen & G.W.Saunders	Epilithic, 60 m	C.W.Schneider & T.Popolizio	28/7/2016	Bermuda		Ledge north northeast ledge of St. George's I.	32.4799	-64.594805	MN135175	MN135232	MN941979

Number	BOLD	Family	Species	Habit	Collector	Date	Country	Province or State	Geographic location	Latitude	Longitude	COI-5P	rbcL	LSU
BDA0512	BERMR311-10	Solieriaceae	<i>Wurdemannia miniata</i> (K.Sprengel) J.Feldmann & Hamel	Subtidal 0–6 ft on rock	C.W.Schneider, D.McDevit and T.Popolizio	25.08.2010	Bermuda		Spanish Point	32.3073	–64.81572	HQ933444	MN942005	
GWS001246	ABMMC1074 0-10	Solieriaceae	<i>Wurdemannia miniata</i> (K.Sprengel) J.Feldmann & Hamel	On limestone rock, subtidal ~1 m	G.W.Saunders	12.11.2001	Bermuda		Walsingham Pond	32.3481	–64.7102			MN956671