

Supplementary material

Species composition and hybridisation of mussel species (*Bivalvia*: *Mytilidae*) in Australia

Emi S. Ab Rahim^{A,B}, *Thuy T. T. Nguyen*^C, *Brett Ingram*^D, *Cynthia Riginos*^E, *Kim J. Weston*^A
and *Craig D. H. Sherman*^{A,F}

^ASchool of Life and Environmental Sciences, Centre for Integrative Ecology,
Waurin Ponds Campus, Deakin University, 75 Pigdons Road, Locked Bag 20000,
Geelong, Vic. 3220, Australia.

^BSchool of Biological Sciences, Universiti Sains Malaysia, Minden 11800, Penang, Malaysia.

^CBioSciences Research Division, Department of Environment and Primary Industries,
Bundoora, Vic. 3018, Australia.

^DFisheries Victoria, Department of Environment and Primary Industries,
Alexandra, Vic. 3714, Australia.

^ESchool of Biological Sciences, University of Queensland, St Lucia, Qld 4072, Australia.

^FCorresponding author. Email: craig.sherman@deakin.edu.au

Region	Population	Sample	ITS RFLP						Me15/16		Glu-5'					16s rRNA RFLP				Species code
			160	170	180	240	280	450	126	180	240	300	350	380	500	80	167	195	342	
Australia (Cont.)																				
Vic.	Lakes Entrance	VLE09	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Vic.	Lakes Entrance	VLE10	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Vic.	Lakes Entrance	VLE11	.	.	.	.	.	.	1	0	0	1	0	0	0	0	1	0	1	SH G
Vic.	Lakes Entrance	VLE12	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Vic.	Lakes Entrance	VLE13	.	.	.	.	.	.	1	0	0	1	0	0	0	0	0	1	1	NH G
Vic.	Lakes Entrance	VLE14	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Lakes Entrance	VLE15	.	.	.	.	.	.	1	0	0	1	0	0	0	0	1	0	1	SH G
Vic.	Lakes Entrance	VLE16	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
Vic.	Lakes Entrance	VLE17	1	0	1	0	0	1	1	0	0	1	0	0	1	.	.	.	.	G
Vic.	Lakes Entrance	VLE18	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Vic.	Lakes Entrance	VLE19	1	0	1	1	1	1	1	0	0	1	0	0	1	0	1	0	1	inconclusive
Vic.	Lakes Entrance	VLE20	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW01	1	1	0	1	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Vic.	Werribee	VW02	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW03	.	.	.	.	.	.	1	0	0	1	0	0	1	0	0	0	1	G
Vic.	Werribee	VW04	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Vic.	Werribee	VW05	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW06	1	1	1	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW07	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW08	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW09	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW10	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW11	1	1	0	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW12	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW13	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW14	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW15	1	1	0	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW16	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW17	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW18	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW19	1	1	0	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW20	1	1	0	1	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G

Region	Population	Sample	ITS RFLP						Me15/16		Glu-5'					16s rRNA RFLP				Species code
			160	170	180	240	280	450	126	180	240	300	350	380	500	80	167	195	342	
Australia (Cont.)																				
Vic.	Werribee	VW21	1	1	0	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW22	1	1	0	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW23	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Werribee	VW24	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP01	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP02	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP03	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP04	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Vic.	Pinnace	VP05	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP06	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
Vic.	Pinnace	VP07	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP08	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP09	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP10	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP11	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP12	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP13	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP14	1	0	1	0	0	1	1	0	0	1	0	0	0	0	0	1	1	NH G
Vic.	Pinnace	VP15	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP16	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Vic.	Pinnace	VP17	1	0	1	0	0	1	1	0	0	1	0	0	0	0	0	1	1	NH G
Vic.	Pinnace	VP18	1	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	1	G
Vic.	Pinnace	VP19	1	0	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Vic.	Pinnace	VP20	1	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	1	G
Tas.	Spring Bay	TSB01	.	.	.	.	.	.	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Spring Bay	TSB02	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Tas.	Spring Bay	TSB03	.	.	.	.	.	.	1	0	0	1	0	0	0	0	0	1	1	SH G
Tas.	Spring Bay	TSB04	.	.	.	.	.	.	1	0	.	.	.	.	.	0	0	0	1	G
Tas.	Spring Bay	TSB05	1	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0	1	G
Tas.	Spring Bay	TSB06	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Spring Bay	TSB07	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Spring Bay	TSB08	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G

Region	Population	Sample	ITS RFLP						Me15/16		Glu-5'					16s rRNA RFLP				Species code
			160	170	180	240	280	450	126	180	240	300	350	380	500	80	167	195	342	
Australia (Cont.)																				
Tas.	Spring Bay	TSB09	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Tas.	Spring Bay	TSB10	1	1	1	0	0	1	1	1	0	1	0	1	1	0	1	0	1	inconclusive
Tas.	Spring Bay	TSB11	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Tas.	Spring Bay	TSB12	.	.	.	.	.	.	1	0	0	1	0	0	1	0	1	0	1	SH G
Tas.	Spring Bay	TSB13	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Tas.	Spring Bay	TSB14	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Tas.	Spring Bay	TSB15	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Spring Bay	TSB16	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Spring Bay	TSB17	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Spring Bay	TSB18	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Spring Bay	TSB20	1	1	1	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Tas.	Port Arthur	TPA01	.	.	.	.	.	.	.	.	.	.	.	.	.	0	1	0	1	SH G
Tas.	Port Arthur	TPA02	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA03	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA04	.	.	.	.	.	.	1	0	.	.	.	.	.	0	1	0	1	SH G
Tas.	Port Arthur	TPA05	.	.	.	.	.	.	1	0	.	.	.	.	.	0	1	0	1	SH G
Tas.	Port Arthur	TPA06	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA07	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Tas.	Port Arthur	TPA08	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Tas.	Port Arthur	TPA09	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA10	1	1	1	0	0	1	1	0	0	1	1	0	0	0	1	0	1	inconclusive
Tas.	Port Arthur	TPA11	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA12	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA13	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA14	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA15	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA16	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA17	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA18	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Tas.	Port Arthur	TPA19	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
Tas.	Port Arthur	TPA20	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
SA	Walleroo	SW01	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G

Region	Population	Sample	ITS RFLP						Me15/16		Glu-5'					16s rRNA RFLP				Species code
			160	170	180	240	280	450	126	180	240	300	350	380	500	80	167	195	342	
Australia (Cont.)																				
SA	Wallaroo	SW02	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
SA	Wallaroo	SW03	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
SA	Wallaroo	SW04	.	.	.	.	.	1	1	0	0	1	0	0	1	0	0	1	1	NH G
SA	Wallaroo	SW05	.	.	.	.	.	1	1	0	0	1	0	0	1	0	0	1	1	NH G
SA	Wallaroo	SW06	.	.	.	.	.	1	1	0	.	.	.	.	.	0	0	0	1	G
SA	Wallaroo	SW07	.	.	.	.	.	1	1	0	0	1	0	0	0	0	1	0	1	SH G
SA	Wallaroo	SW08	.	.	.	.	.	1	1	0	0	1	0	0	1	0	0	1	1	NH G
SA	Wallaroo	SW09	.	.	.	.	.	1	1	0	0	1	0	0	1	0	0	0	1	G
SA	Wallaroo	SW10	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
SA	Wallaroo	SW11	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
SA	Wallaroo	SW12	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
SA	Wallaroo	SW13	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
SA	Wallaroo	SW14	.	.	.	.	.	1	1	0	0	1	0	0	0	0	1	0	1	SH G
SA	Wallaroo	SW15	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
SA	Wallaroo	SW16	.	.	.	.	.	.	1	0	0	1	0	0	0	0	0	0	1	SH G
SA	Wallaroo	SW17	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
SA	Wallaroo	SW18	.	.	.	.	.	.	1	0	0	1	0	0	0	0	1	0	1	SH G
SA	Wallaroo	SW19	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
SA	Wallaroo	SW20	.	.	.	.	.	.	1	0	.	.	.	.	.	0	0	1	1	NH G
SA	Port Lincoln	SPL01	.	.	.	.	.	.	1	0	.	.	.	.	.	0	1	0	1	SH G
SA	Port Lincoln	SPL02	1	1	1	0	0	1	1	0	0	1	0	0	0	0	0	0	1	G
SA	Port Lincoln	SPL03	.	.	.	.	.	.	1	0	0	1	0	0	0	0	0	0	1	G
SA	Port Lincoln	SPL04	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
SA	Port Lincoln	SPL05	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
SA	Port Lincoln	SPL06	.	.	.	.	.	.	1	0	0	1	0	0	0	0	0	0	1	G
SA	Port Lincoln	SPL07	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
SA	Port Lincoln	SPL08	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
SA	Port Lincoln	SPL09	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
SA	Port Lincoln	SPL10	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
SA	Port Lincoln	SPL11	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
SA	Port Lincoln	SPL12	.	.	.	.	.	.	1	0	0	1	0	0	0	0	1	0	1	SH G
SA	Port Lincoln	SPL13	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G

Region	Population	Sample	ITS RFLP						Me15/16		Glu-5'					16s rRNA RFLP				Species code
			160	170	180	240	280	450	126	180	240	300	350	380	500	80	167	195	342	
Australia (Cont.)																				
SA	Port Lincoln	SPL14	1	1	1	0	0	1	1	0	0	1	0	0	0	0	0	0	1	G
SA	Port Lincoln	SPL15	1	1	1	0	0	1	1	0	.	.	.	.	.	0	1	0	1	SH G
SA	Port Lincoln	SPL16	.	.	.	.	.	.	1	0	0	1	0	0	0	0	0	0	1	G
SA	Port Lincoln	SPL17	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
SA	Port Lincoln	SPL18	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
SA	Port Lincoln	SPL19	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
SA	Port Lincoln	SPL20	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Mistaken Island	WMI01	1	1	1	0	0	1	.	.	.	.	.	.	.	0	1	0	1	SH G
WA	Mistaken Island	WMI02	1	1	1	1	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Mistaken Island	WMI03	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Mistaken Island	WMI04	1	0	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
WA	Mistaken Island	WMI05	1	1	1	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Mistaken Island	WMI06	1	1	1	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Mistaken Island	WMI07	.	.	.	.	.	.	1	0	0	1	0	0	1	0	0	1	1	NH G or NH SH hybrid
WA	Mistaken Island	WMI08	1	1	1	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Mistaken Island	WMI09	1	1	1	1	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Mistaken Island	WMI10	.	.	.	.	.	.	1	0	0	1	0	0	1	0	0	1	1	NH G or NH SH hybrid
WA	Mistaken Island	WMI11	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Mistaken Island	WMI12	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G or NH SH hybrid
WA	Mistaken Island	WMI13	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Mistaken Island	WMI14	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
WA	Mistaken Island	WMI15	1	1	1	1	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Mistaken Island	WMI16	1	1	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	SH G
WA	Mistaken Island	WMI17	1	1	1	1	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Mistaken Island	WMI18	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
WA	Mistaken Island	WMI19	1	1	1	1	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Mistaken Island	WMI20	1	1	1	1	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Cockburn Sound	WCS01	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Cockburn Sound	WCS02	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Cockburn Sound	WCS03	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Cockburn Sound	WCS04	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Cockburn Sound	WCS05	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G

Region	Population	Sample	ITS RFLP						Me15/16		Glu-5'					16s rRNA RFLP				Species code
			160	170	180	240	280	450	126	180	240	300	350	380	500	80	167	195	342	
Australia (Cont.)																				
WA	Cockburn Sound	WCS06	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Cockburn Sound	WCS07	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Cockburn Sound	WCS08	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	G
WA	Cockburn Sound	WCS09	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Cockburn Sound	WCS10	1	1	1	1	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G or NH SH hybrid
WA	Cockburn Sound	WCS11	1	1	1	1	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Cockburn Sound	WCS12	1	1	1	1	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G or NH SH hybrid
WA	Cockburn Sound	WCS13	1	1	1	1	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G or NH SH hybrid
WA	Cockburn Sound	WCS14	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Cockburn Sound	WCS15	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Cockburn Sound	WCS16	1	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
WA	Cockburn Sound	WCS17	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Cockburn Sound	WCS18	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Cockburn Sound	WCS19	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
WA	Cockburn Sound	WCS20	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Japan																				
Chiba	Nabakigawa River	JN01	1	1	0	0	0	1	.	.	0	1	0	0	1	0	1	0	1	SH G
Chiba	Nabakigawa River	JN02	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Chiba	Nabakigawa River	JN03	1	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Chiba	Nabakigawa River	JN04	1	1	0	0	0	1	1	0	0	1	0	0	1	0	1	0	1	SH G
Chiba	Nabakigawa River	JN05	1	1	0	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Chiba	Nabakigawa River	JN06	1	1	0	1	1	0	1	0	0	1	0	0	1	.	.	.	.	inconclusive
Chiba	Nabakigawa River	JN07	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
Chiba	Nabakigawa River	JN08	1	1	0	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
Chiba	Nabakigawa River	JN09	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Chiba	Nabakigawa River	JN10	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Chiba	Nabakigawa River	JN11	1	1	0	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Chiba	Nabakigawa River	JN12	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
Chiba	Nabakigawa River	JN13	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
UK																				
Wales	Menai Strait	UNW01	1	1	1	0	0	1	0	1	1	0	0	1	0	0	0	1	1	<i>M. edulis</i>
Wales	Menai Strait	UNW02	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>

Region	Population	Sample	ITS RFLP					Me15/16		Glu-5'					16s rRNA RFLP				Species code	
			160	170	180	240	280	450	126	180	240	300	350	380	500	80	167	195		342
UK (Cont.)																				
Wales	Menai Strait	UNW03	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW04	1	1	1	0	0	1	0	1	0	0	0	1	0	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW05	1	1	1	0	0	1	0	1	1	0	0	1	0	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW06	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW07	1	1	1	0	0	1	0	1	1	0	0	1	0	0	.	.	.	<i>M. edulis</i>
Wales	Menai Strait	UNW08	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW09	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW10	1	1	1	0	0	1	0	1	1	0	0	1	0	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW11	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW12	1	1	1	0	0	1	0	1	1	0	0	1	0	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW13	1	1	1	0	0	1	0	1	1	0	0	1	0	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW14	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW15	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW16	1	1	1	0	0	1	0	1	1	0	0	1	0	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW17	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW18	1	1	1	0	0	1	0	1	1	0	1	1	0	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW19	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW20	1	1	1	0	0	1	0	1	1	0	0	1	0	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW21	1	1	1	0	0	1	0	1	1	0	1	1	0	.	.	.	.	<i>M. edulis</i>
Wales	Menai Strait	UNW22	1	1	1	0	0	1	0	1	1	0	1	1	0	.	.	.	.	<i>M. edulis</i>
Wales	Menai Strait	UNW23	1	1	1	0	0	1	0	1	1	0	1	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW24	1	1	1	0	0	1	0	1	1	0	0	1	1	0	0	0	1	<i>M. edulis</i>
Wales	Menai Strait	UNW25	1	1	1	0	0	1	0	1	0	0	0	1	0	0	0	0	1	<i>M. edulis</i>
Agean Sea		AE2914	1	1	1	0	0	1	1	0	0	1	0	0	0	.	.	.	.	G
		AE2915	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
		AE2916	1	0	1	0	0	1	1	0	0	1	0	0	1	1	0	0	1	G
		AE2917	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2918	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2919	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2920	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
		AE2921	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2922	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G

Region	Population	Sample	ITS RFLP					Me15/16		Glu-5'					16s rRNA RFLP				Species code	
			160	170	180	240	280	450	126	180	240	300	350	380	500	80	167	195		342
Aegean Sea (<i>Cont.</i>)		AE2923	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2924	1	0	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2925	1	0	1	0	0	1	1	0	0	1	0	0	1	.	.	.	.	G
		AE2926	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2927	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2928	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
		AE2929	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2930	1	1	1	0	0	1	1	0	0	1	0	0	1	.	.	.	.	G
		AE2931	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2932	1	1	1	0	0	1	1	0	0	1	0	0	1	.	.	.	.	G
		AE2933	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
		AE2934	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2936	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2938	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2939	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	1	1	NH G
		AE2942	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G
		AE2944	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	1	G