

On the distribution of the invasive long-spined echinoid *Diadema setosum* and its expansion in the Mediterranean Sea

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Table S1

List of samples including species names, GenBank accession numbers, applicability for the different datasets and source of the current and downloaded sequences used in the study.

Species	Accession	COI dataset	LYS dataset	LYS Network	Source
<i>D. setosum</i>	KX600495	+			Current study
<i>D. setosum</i>	KY817839	+			Current study
<i>D. setosum</i>	KY817840	+			Current study
<i>D. setosum</i>	KY817841	+			Current study
<i>A. radiata</i>	AY012750	+			Lessios <i>et al.</i> 2001
<i>E. diadema</i>	AY012753	+			Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012728	+			Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012729	+			Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012730	+			Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012731	+			Lessios <i>et al.</i> 2001
<i>D. palmeri</i>	AY012736	+			Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012734	+			Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012735	+			Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012738	+			Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012739	+			Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012740	+			Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012741	+			Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012732	+			Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012733	+			Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012746	+			Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012747	+			Lessios <i>et al.</i> 2001
<i>D. setosum</i>	LC037357	+			Chow <i>et al.</i> 2016
<i>D. setosum</i>	LC037356	+			Chow <i>et al.</i> 2016
<i>D. setosum</i>	LC037355	+			Chow <i>et al.</i> 2016
<i>D. setosum</i>	AB909922	+			Chow <i>et al.</i> 2014
<i>D. setosum</i>	AB909923	+			Chow <i>et al.</i> 2014
<i>D. setosum</i>	AB909924	+			Chow <i>et al.</i> 2014
<i>D. setosum</i>	AB909925	+			Chow <i>et al.</i> 2014
<i>D. setosum</i>	AB909926	+			Chow <i>et al.</i> 2014
<i>D. setosum</i>	AB909927	+			Chow <i>et al.</i> 2014
<i>D. setosum</i>	AB909928	+			Chow <i>et al.</i> 2014
<i>D. setosum</i>	AB909929	+			Chow <i>et al.</i> 2014
<i>D. setosum</i>	AB909930	+			Chow <i>et al.</i> 2014
<i>D. setosum</i>	AB909931	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AY012744	+			Lessios <i>et al.</i> 2001

Species	Accession	COI dataset	LYS dataset	LYS Network	Source
<i>D. clarki</i>	AY012745	+			Lessios <i>et al.</i> 2001
<i>D. clarki</i>	AB909932	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909933	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909934	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909935	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909936	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909937	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909938	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909939	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909940	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909941	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909942	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909943	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909944	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909945	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909946	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909947	+			Chow <i>et al.</i> 2014
<i>D. clarki</i>	AB909948	+			Chow <i>et al.</i> 2014
<i>D. savignyi</i>	AB909949	+			Chow <i>et al.</i> 2014
<i>D. savignyi</i>	AB909950	+			Chow <i>et al.</i> 2014
<i>D. savignyi</i>	AB909951	+			Chow <i>et al.</i> 2014
<i>D. savignyi</i>	AB909952	+			Chow <i>et al.</i> 2014
<i>D. savignyi</i>	AB909953	+			Chow <i>et al.</i> 2014
<i>D. savignyi</i>	AB909954	+			Chow <i>et al.</i> 2014
<i>D. savignyi</i>	AB909955	+			Chow <i>et al.</i> 2014
<i>D. savignyi</i>	AB909956	+			Chow <i>et al.</i> 2014
<i>D. savignyi</i>	AB909957	+			Chow <i>et al.</i> 2014
<i>D. savignyi</i>	AY012742	+			Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY012743	+			Lessios <i>et al.</i> 2001
<i>D. setosum</i>	KX600494		+	+	Current study
<i>D. setosum</i>	KY817842		+	+	Current study
<i>D. setosum</i>	KY817843		+	+	Current study
<i>D. setosum</i>	KY817844		+	+	Current study
<i>A. radiata</i>	AY013238		+		Lessios <i>et al.</i> 2001
<i>E. calamaris</i>	AY013239		+		Lessios <i>et al.</i> 2001
<i>E. calamaris</i>	AY013240		+		Lessios <i>et al.</i> 2001
<i>A. radiata</i>	AY013237		+		Lessios <i>et al.</i> 2001
<i>A. pulvinata</i>	AY013236		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012754		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012755		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012756		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012758		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012759		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012760		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012761		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012762		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012763		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012764		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012766		+		Lessios <i>et al.</i> 2001

Species	Accession	COI dataset	LYS dataset	LYS Network	Source
<i>D. antillarum</i>	AY012767		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012768		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012769		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012770		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012771		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012772		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012773		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012774		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012775		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012776		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012777		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012779		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012780		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012781		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012782		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012783		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012784		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012785		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012786		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012787		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012788		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012795		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012792		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012790		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012791		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012793		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012794		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012797		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012798		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012800		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012801		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012805		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012807		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012808		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012809		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012810		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012813		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012815		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012816		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012817		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012818		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012819		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012820		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012821		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012822		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012823		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012824		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012825		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012826		+		Lessios <i>et al.</i> 2001

Species	Accession	COI dataset	LYS dataset	LYS Network	Source
<i>D. antillarum</i>	AY012829		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012830		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012831		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012832		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012834		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012835		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012836		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012837		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012838		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012839		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012840		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012841		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012842		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012843		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012844		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012845		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012865		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012859		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012860		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012861		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012862		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012864		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012867		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012868		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012871		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012873		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012874		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012796		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012799		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012803		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012804		+		Lessios <i>et al.</i> 2001
<i>D. antillarum</i>	AY012806		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012852		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012853		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012854		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012855		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012856		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012857		+		Lessios <i>et al.</i> 2001
<i>D. africanum</i>	AY012858		+		Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012877		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012878		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012879		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012880		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012881		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012883		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012884		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012885		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012886		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012889		+	+	Lessios <i>et al.</i> 2001

Species	Accession	COI dataset	LYS dataset	LYS Network	Source
<i>D. setosum</i>	AY012894		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012895		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012896		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012897		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012898		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012899		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012900		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012901		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012902		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012903		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012904		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012905		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012906		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012907		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013147		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013148		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013149		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013150		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013151		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013152		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013153		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013154		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013156		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013157		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013158		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013159		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013160		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013161		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013162		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013163		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013164		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013165		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013166		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013167		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013168		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013169		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013170		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013172		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013173		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013177		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013179		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013180		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013183		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013184		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013189		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013190		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013191		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013192		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013193		+	+	Lessios <i>et al.</i> 2001

Species	Accession	COI dataset	LYS dataset	LYS Network	Source
<i>D. setosum</i>	AY013194		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013195		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013196		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013197		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013199		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013200		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013201		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013202		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013203		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013204		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013205		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013206		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013207		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013213		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013214		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013215		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013216		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013217		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013218		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013233		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013225		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013226		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013227		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013228		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013229		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013230		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013232		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013234		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY013235		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012890		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012891		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012892		+	+	Lessios <i>et al.</i> 2001
<i>D. setosum</i>	AY012893		+	+	Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012909		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012910		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012912		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012915		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012917		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012918		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012922		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012923		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012924		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012925		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012926		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012927		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012928		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012929		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012930		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012933		+		Lessios <i>et al.</i> 2001

Species	Accession	COI dataset	LYS dataset	LYS Network	Source
<i>D. mexicanum</i>	AY012934		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012935		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012936		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012937		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012938		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012939		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012942		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012943		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012944		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012945		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012946		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012947		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012948		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012908		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012911		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012913		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012914		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012916		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012919		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012920		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012921		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012931		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012932		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012940		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012941		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012949		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012950		+		Lessios <i>et al.</i> 2001
<i>D. mexicanum</i>	AY012951		+		Lessios <i>et al.</i> 2001
<i>D. palmeri</i>	AY012952		+		Lessios <i>et al.</i> 2001
<i>D. palmeri</i>	AY012953		+		Lessios <i>et al.</i> 2001
<i>D. palmeri</i>	AY012954		+		Lessios <i>et al.</i> 2001
<i>D. palmeri</i>	AY012955		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012962		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012960		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012961		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012963		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012964		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012965		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012966		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012956		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012957		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012958		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012967		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012968		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012969		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012970		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012971		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012972		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012973		+		Lessios <i>et al.</i> 2001

Species	Accession	COI dataset	LYS dataset	LYS Network	Source
<i>D. paucispinum</i>	AY012974		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012975		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012976		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012977		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012978		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012979		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012980		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012981		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012982		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012983		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012984		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012985		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012986		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012987		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012988		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012989		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012990		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012991		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012992		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012993		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012994		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY012997		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013004		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013005		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013006		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013007		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013008		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013009		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013013		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013014		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013015		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013016		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013018		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013019		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013020		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013021		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013022		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013023		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013024		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013025		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013026		+		Lessios <i>et al.</i> 2001
<i>D. paucispinum</i>	AY013027		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013028		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013029		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013030		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013031		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013032		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013033		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013034		+		Lessios <i>et al.</i> 2001

Species	Accession	COI dataset	LYS dataset	LYS Network	Source
<i>D. savignyi</i>	AY013035		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013036		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013037		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013038		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013039		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013040		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013041		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013045		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013046		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013047		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013048		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013049		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013050		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013052		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013053		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013054		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013055		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013056		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013057		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013058		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013059		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013060		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013061		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013062		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013063		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013064		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013067		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013068		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013069		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013070		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013071		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013072		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013073		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013074		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013075		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013076		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013077		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013078		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013081		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013085		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013087		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013092		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013094		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013095		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013096		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013097		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013098		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013099		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013100		+		Lessios <i>et al.</i> 2001

Species	Accession	COI dataset	LYS dataset	LYS Network	Source
<i>D. savignyi</i>	AY013101		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013108		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013109		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013110		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013111		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013113		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013114		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013115		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013116		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013117		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013118		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013121		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013122		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013123		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013126		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013127		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013128		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013065		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013080		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013083		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013086		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013088		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013089		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013090		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013091		+		Lessios <i>et al.</i> 2001
<i>D. savignyi</i>	AY013102		+		Lessios <i>et al.</i> 2001
<i>D. sp.</i>	AY013129		+		Lessios <i>et al.</i> 2001
<i>D. sp.</i>	AY013130		+		Lessios <i>et al.</i> 2001
<i>D. sp.</i>	AY013131		+		Lessios <i>et al.</i> 2001
<i>D. sp.</i>	AY013132		+		Lessios <i>et al.</i> 2001
<i>D. sp.</i>	AY013133		+		Lessios <i>et al.</i> 2001
<i>D. sp.</i>	AY013134		+		Lessios <i>et al.</i> 2001
<i>D. sp.</i>	AY013135		+		Lessios <i>et al.</i> 2001
<i>D. sp.</i>	AY013136		+		Lessios <i>et al.</i> 2001
<i>D. sp.</i>	AY013139		+		Lessios <i>et al.</i> 2001
<i>D. sp.</i>	AY013145		+		Lessios <i>et al.</i> 2001

List of sources used for compiling *Diadema setosum* molecular data:

Lessios HA, Kessing BD, Pearse JS (2001) Population structure and speciation in tropical seas: global phylogeography of the sea urchin *Diadema*. *Evolution* 55: 955–975
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Table S2

List of localities used to compile *Diadema setosum* presence/absence data. Compilation of localities were restricted to studies with sound taxonomical background, collection based specimens with verified taxonomic evaluation and publications providing sufficient photographic records to make unambiguous identifications of *D. setosum*. † Confirmed localities for the presence of specific mitochondrial clades of *D. setosum* based on DNA sequence data. *Sample collected by Yokes & Galil 2006.

mt clade	Locality	Latitude	Longitude	Source
Clade a †	Ebang Salé, Reunion	-21.280165	55.338449	Lessios <i>et al.</i> 2001
Clade a †	Changu Isl, Zanzibar	-6.118716	39.169697	Lessios <i>et al.</i> 2001
Clade a †	Kanamai, Kenya	-3.918238	39.793524	Lessios <i>et al.</i> 2001
Clade a †	Seto, S. Honsu, Japan	33.694877	135.337628	Lessios <i>et al.</i> 2001
Clade a †	South side of Kyushu, Japan	31.155206	130.586779	Lessios <i>et al.</i> 2001
Clade a †	Sesoko Island, and Motobu Harbor, Okinawa, Japan	26.660609	127.885078	Lessios <i>et al.</i> 2001
Clade a †	Lamma Island, Hong Kong	22.198933	114.140935	Lessios <i>et al.</i> 2001
Clade a †	Guam	13.479816	144.765596	Lessios <i>et al.</i> 2001
Clade a †	The Philippines	13.504165	120.951378	Lessios <i>et al.</i> 2001
Clade a †	Pulau Ubin, Singapore	1.399878	103.952794	Lessios <i>et al.</i> 2001
Clade a †	Motupore Island, Port Moresby, Papua New Guinea	-9.526233	147.284434	Lessios <i>et al.</i> 2001
Clade a †	Lamarck Island, Australia	-14.776375	125.018167	Lessios <i>et al.</i> 2001
Clade a †	Ningaloo WA, Australia	-22.686965	113.638502	Lessios <i>et al.</i> 2001
Clade a †	Geraldton WA, Australia	-28.758374	114.613073	Lessios <i>et al.</i> 2001
Clade a †	Juno Bay, Fantome (Eumilli) Island, Palm Islands, Queensland, Australia	-18.688643	146.511423	Lessios <i>et al.</i> 2001
Clade a †	Noumea, New Caledonia	-22.314114	166.448576	Lessios <i>et al.</i> 2001
Clade a †	White Island, NW Australia	-14.193915	125.824743	Lessios <i>et al.</i> 2001
Clade a †	Arasaki, Sagami Bay, Japan	35.160148	139.61063	Chow <i>et al.</i> 2014
Clade a †	Sesoko, Okinawa Isl, Japan	26.636477	127.866451	Chow <i>et al.</i> 2014
Clade a †	Jeju Island, South Korea	33.228303	126.599419	Lee 2012
Clade a †	Bounty Island, Fiji	-17.676432	177.305388	Coppard pers. comm.
Clade a †	Namatakula, Coral Coast, Fiji	-18.233480	177.774346	Coppard pers. comm.
Clade a †	Nukubuco Reef, Suva, Fiji	-18.179871	178.488865	Coppard pers. comm.
Clade a †	Noumea, New Caledonia	-22.303253	166.487846	Coppard pers. comm.
Clade a †	Rarotonga, Cook Island	-21.250387	-159.723616	Coppard pers. comm.
Clade a †	Olango Isl, The Philippine	10.239647	124.012341	Coppard pers. comm.
Clade a †	XiSha Islands, China	16.531364	111.665293	Li et al 2016
Clade a †	Satang Island, Sarawak (South China Sea), Malaysia	1.779513	110.161378	Shahid pers. comm.
Clade a †	Mantanani Island, Sabah (South China Sea), Malaysia	6.706653	116.350018	Shahid pers. comm.
Clade a †	Larapan Island, Sabah (Celebes Sea), Malaysia	4.551173	118.592973	Shahid pers. comm.
Clade a	Vipingo Reef, Kenya	-4.031855	39.724815	Muthiga 2003
Clade a	Diani Reef, Kenya	-4.298803	39.592012	Muthiga 2003
Clade a	Malindi Marine National Park north, Kenya	-3.242463	40.131533	Muthiga 2003
Clade a	Changu Island, Zanzibar	-6.116260	39.168067	Personal Observation
Clade a	Changu Island, Zanzibar	-6.115812	39.165814	Personal Observation
Clade a	Changu Island, Zanzibar	-6.114221	39.161700	Personal Observation
Clade a	Bawe Island, Zanzibar	-6.146729	39.139460	Personal Observation
Clade a	Bawe Island, Zanzibar	-6.146345	39.137379	Personal Observation
Clade a	Bawe Island, Zanzibar	-6.144680	39.136274	Personal Observation
Clade a	Bawe Island, Zanzibar	-6.143837	39.134043	Personal Observation
Clade a	Bawe Island, Zanzibar	-6.144563	39.133947	Personal Observation
Clade a	Bawe Island, Zanzibar	-6.145993	39.131297	Personal Observation
Clade a	Bawe Island, Zanzibar	-6.150952	39.126413	Personal Observation
Clade a	Bawe Island, Zanzibar	-6.155903	39.122387	Personal Observation
Clade a	Bawe Island, Zanzibar	-6.174242	39.191557	Personal Observation
Clade a	Chumbe Island, Zanzibar	-6.270231	39.179913	Personal Observation

mt clade	Locality	Latitude	Longitude	Source
Clade a	Chumbe Island, Zanzibar	-6.274822	39.175179	Personal Observation
Clade a	Chumbe Island, Zanzibar	-6.277375	39.175538	Personal Observation
Clade a	Chumbe Island, Zanzibar	-6.278473	39.175741	Personal Observation
Clade a	Chumbe Island, Zanzibar	-6.278601	39.174690	Personal Observation
Clade a	Chumbe Island, Zanzibar	-6.281257	39.175424	Personal Observation
Clade a	Kizimkazi, Zanzibar	-6.436318	39.457046	Personal Observation
Clade a	Kizimkazi, Zanzibar	-6.470339	39.479569	Personal Observation
Clade a	Jambiani, Zanzibar	-6.321158	39.571530	Personal Observation
Clade a	Jambiani, Zanzibar	-6.317832	39.550539	Personal Observation
Clade a	Jambiani, Zanzibar	-6.310383	39.546527	Personal Observation
Clade a	Pongwe, Zanzibar	-6.190347	39.536634	Personal Observation
Clade a	Pongwe, Zanzibar	-6.188806	39.536039	Personal Observation
Clade a	Pongwe, Zanzibar	-6.179859	39.534783	Personal Observation
Clade a	Pongwe, Zanzibar	-6.174688	39.536636	Personal Observation
Clade a	Pongwe, Zanzibar	-6.041013	39.429785	Personal Observation
Clade a	Pongwe, Zanzibar	-6.034227	39.422704	Personal Observation
Clade a	Pongwe, Zanzibar	-6.032145	39.422412	Personal Observation
Clade a	Pongwe, Zanzibar	-6.023756	39.405002	Personal Observation
Clade a	Kiwengwa, Zanzibar	-5.978623	39.383344	Personal Observation
Clade a	Kiwengwa, Zanzibar	-5.972040	39.385867	Personal Observation
Clade a	Matemwe, Zanzibar	-5.873573	39.355100	Personal Observation
Clade a	Matemwe, Zanzibar	-5.873591	39.359717	Personal Observation
Clade a	Matemwe, Zanzibar	-5.864701	39.360866	Personal Observation
Clade a	Matemwe, Zanzibar	-5.846759	39.362347	Personal Observation
Clade a	Mnemba, Zanzibar	-5.817466	39.382266	Personal Observation
Clade a	Mnemba, Zanzibar	-5.819420	39.380753	Personal Observation
Clade a	Mnemba, Zanzibar	-5.825441	39.383329	Personal Observation
Clade a	Mnemba, Zanzibar	-5.839474	39.396903	Personal Observation
Clade a	Mnemba, Zanzibar	-5.806278	39.417056	Personal Observation
Clade a	Mnemba, Zanzibar	-5.807740	39.389665	Personal Observation
Clade a	Mnemba, Zanzibar	-5.788305	39.390115	Personal Observation
Clade a	Mnemba, Zanzibar	-5.782923	39.391695	Personal Observation
Clade a	Nungwi, Zanzibar	-5.711735	39.291753	Personal Observation
Clade a	Nungwi, Zanzibar	-5.725731	39.291091	Personal Observation
Clade a	Nungwi, Zanzibar	-5.727933	39.290854	Personal Observation
Clade a	Nungwi, Zanzibar	-5.732652	39.289970	Personal Observation
Clade a	Nungwi, Zanzibar	-5.754391	39.285371	Personal Observation
Clade a	Nungwi, Zanzibar	-5.756185	39.286166	Personal Observation
Clade a	Nungwi, Zanzibar	-5.744537	39.288342	Personal Observation
Clade a	Tanga, Tanzania	-5.128713	39.151034	Personal Observation
Clade a	Pulau Sakeng, Singapore	1.210954	103.762293	Hori <i>et al.</i> 1987
Clade a	Pulau Sakra, Singapore	1.268609	103.654055	Hori <i>et al.</i> 1987
Clade a	South, Japan	33.951681	130.872333	Pearse 1968
Clade a	Sesoko Island, Okinawa, Japan	26.653708	127.878030	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.652691	127.878653	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.650945	127.879276	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.648902	127.879148	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.652549	127.872675	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.650754	127.873520	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.655454	127.862570	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.651715	127.853269	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.653269	127.855936	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.654025	127.857957	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.645411	127.852293	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.642162	127.855282	Personal Observation
Clade a	Sesoko Island, Okinawa, Japan	26.629279	127.864315	Pearse 1998
Clade a	Sesoko Island, Okinawa, Japan	26.671828	127.873685	Personal Observation
Clade a	Low Island, GBR, Australia	-16.382641	145.560280	Stephenson 1934
Clade a	Dawapia Rocks, Rabaul, New Britain Island	-4.264828	152.203859	Pearse 1968
Clade a	Nukubuco Reef, Suva, Fiji	-18.185959	178.477271	Coppard and Campbell 2005
Clade a	Sosoikula Reef, Suva, Fiji	-18.182510	178.434443	Coppard and

mt clade	Locality	Latitude	Longitude	Source
				Campbell 2005
Clade a	Apli Chau Island, Hong Kong	22.240114	114.147923	Pearse 1968
Clade a	Pulau Gaya, Borneo	6.012233	116.007819	Pearse 1968
Clade a	Pulau Hantu, Singapore	1.226043	103.746989	Pearse 1968; Hori <i>et al.</i> 1987
Clade a	Tuas, Singapore	1.300017	103.618219	Pearse 1968
Clade a	Kieta, Bougainville Island	-6.212749	155.634389	Pearse 1968
Clade a	Honiara, Guadalcanal Island	-9.426012	159.958854	Pearse 1968
Clade a	Iririki Island, Port Vila, Efate Island	-17.743948	168.311533	Pearse 1968
Clade a	Anse Vata beach, Noumea, New Caledonia Island	-22.314113	166.458108	Pearse 1968
Clade a	Palau Onrust (Palau Kapal), Java	-6.033160	106.733172	Pearse 1968, Mortensen 1931
Clade a	Nosy-Be, Madagascar	-13.222739	48.244491	Pearse 1968
Clade a	Sichang marine Science, Thailand	13.304261	100.899006	Kobayashi 1994
Clade a	Phuket Marine Biological Center, Thailand	7.802808	98.407223	Kobayashi 1994
Clade a	Balete Cove, Puerto Galera, Mindoro Island, Philippines	13.510411	120.929345	Tuason and Gomez 1979
Clade a	Andaman and Nicobar Islands, Bay of Bengal	11.656374	92.596676	Sastry 2005
Clade a	Laamu Atoll, Maldives	1.976742	73.539784	James 2004
Clade a	Tanabe Bay, Shirahama, Honshu Island, Japan	33.703004	135.380273	Pearse 1998
Clade a	Bansho point, Shirahama, Honshu Island, Japan	33.692817	135.332524	Pearse 1998
Clade a	Mina Island, Okinawa, Japan	26.645319	127.822361	Pearse 1998
Clade a	Maeda point, Okinawa, Japan	26.446145	127.771610	Pearse 1998
Clade a	Minatogawa, Okinawa, Japan	26.277907	127.706847	Pearse 1998
Clade a	Amitori Bay, Iriomote Island, Japan	24.329061	123.694192	Pearse 1998
Clade a	Tepungan Channel, Guam	13.465311	144.689265	Pearse 1998
Clade a	Tepungan Channel, Guam	13.465927	144.691457	Pearse 1998
Clade a	Apra Harbor, Guam	13.463295	144.660465	Pearse 1998
Clade a	Apra Harbor, Guam	13.467677	144.688160	Pearse 1998
Clade a	Malakal Harbor, Palau	7.338981	134.458031	Pearse 1998
Clade a	Bitung outer, Sulawesi/Sangihe Isl, Indonesia	1.434759	125.137429	Pearse 1998
Clade a	Bitung inner, Sulawesi/Sangihe Isl, Indonesia	1.421315	125.126786	Pearse 1998
Clade a	Pahepa Isl reef, Sulawesi/Sangihe Isl, Indonesia	2.656568	125.457188	Pearse 1998
Clade a	Pahepa Isl mangrove, Sulawesi/Sangihe Isl, Indonesia	2.649207	125.458060	Pearse 1998
Clade a	Pasige Isl reef, Sulawesi/Sangihe Isl, Indonesia	2.652279	125.469772	Pearse 1998
Clade a	Pasige Isl mangrove, Sulawesi/Sangihe Isl, Indonesia	2.667570	125.474274	Pearse 1998
Clade a	Cape Torawitan, Sulawesi/Sangihe Isl, Indonesia	1.749844	124.979421	Pearse 1998
Clade a	Laing Isl, Hansa Bay, Papua New Guinea	-4.174205	144.872560	Pearse 1998
Clade a	Sushi Maru, Hansa Bay, Papua New Guinea	-4.152953	144.855791	Pearse 1998
Clade a	Demaza Isl, Madang Barrier Reef, Papua New Guinea	-5.144390	145.803038	Pearse 1998
Clade a	Malapau Isl, Madang Barrier Reef, Papua New Guinea	-5.196610	145.824006	Pearse 1998
Clade a	Malapau Isl, Madang Barrier Reef, Papua New Guinea	-5.196658	145.823625	Pearse 1998
Clade a	Malapau Isl, Madang Barrier Reef, Papua New Guinea	-5.197092	145.823104	Pearse 1998
Clade a	Malapau Isl, Madang Barrier Reef, Papua New Guinea	-5.197237	145.822847	Pearse 1998
Clade a	Christensen Research Inst., Madang Barrier Reef, Papua New Guinea	-5.156290	145.800076	Pearse 1998
Clade a	Guzem Isl, Madang Barrier Reef, Papua New Guinea	-5.156731	145.805562	Pearse 1998
Clade a	Kranket Isl, Madang Barrier Reef, Papua New Guinea	-5.193742	145.826487	Pearse 1998

mt clade	Locality	Latitude	Longitude	Source
Clade a	Madang Resort Hotel Isl, Madang Barrier Reef, Papua New Guinea	-5.209361	145.808339	Pearse 1998
Clade a	Hazard Bay, Orpheus Isl, Palm Islands, Queensland, Australia	-18.634268	146.496360	Pearse 1998
Clade a	Kalipur Bay, Aciral Bay, Diglipur, Andamans	13.31656	93.02852	Sastry 2005
Clade a	Mayabunder, Andamans	12.91542	92.89958	Sastry 2005
Clade a	Ross Isl, Port Blair, Andamans	11.67499	92.76102	Sastry 2005
Clade a	Aberdeen Jetty, Port Blair, Andamans	11.67216	92.75029	Sastry 2005
Clade a	Chidiyatapu, Andamans	11.5052	92.70045	Sastry 2005
Clade a	Phoenix Bay, Port Blair, Andamans	11.67547	92.73340	Sastry 2005
Clade a	Atlanta Point, Port Blair, Andamans	11.67653	92.74816	Sastry 2005
Clade a	Jolly Bouy, Redskin, Malay, Andamans	11.50981	92.61618	Sastry 2007
Clade a	Outram Isl, Ritchie's Archipelago, Andamans	12.20769	93.09694	Sastry 2007
Clade a	Havelock Isl, Andamans	11.98201	92.93815	Sastry 2005
Clade a	Ritchie's Archipelago, Jetty, Neil Isl, Andamans	11.84255	93.04502	Sastry 2005
Clade a	Malacca Village, Car Nicobar, Andamans	9.173237	92.82969	Sastry 2005
Clade a	Tamalu Beach, Car Nicobar, Andamans	9.193943	92.82563	Sastry 2005
Clade a	Navy side, Kamorta Isl, Andamans	8.093775	93.53521	Sastry 2005
Clade a	East Bay, Katchal Isl, Andamans	7.980218	93.40165	Sastry 2005
Clade a	Galathea Bay, Great Nicobar, Andamans	6.858446	93.77925	Sastry 2005
Clade a	Marina Park, Port Blair, Andamans	11.6704	92.74757	Vishwas and Kumar 2014
Clade a	South Point, Port Blair, Andamans	11.65626	92.75751	Vishwas and Kumar 2014
Clade a	Burmanella, Port Blair, Andamans	11.51705	92.72766	Vishwas and Kumar 2014
Clade a	Kodiyaght, Port Blair, Andamans	11.50153	92.71763	Vishwas and Kumar 2014
Clade a	Chidiyatapu, Port Blair, Andamans	11.50096	92.69984	Vishwas and Kumar 2014
Clade a	Pongibalu, Port Blair, Andamans	11.51594	92.65328	Vishwas and Kumar 2014
Clade a	Wandoor, Port Blair, Andamans	11.60691	92.60514	Vishwas and Kumar 2014
Clade a	North Bay, Port Blair, Andamans	11.70389	92.75183	Vishwas and Kumar 2014
Clade a	Bamboo flat, Port Blair, Andamans	11.70228	92.72021	Vishwas and Kumar 2014
Clade a	Rut Isl, Port Blair, Andamans	11.49118	92.67089	Vishwas and Kumar 2014
Clade a	Nilwella, S. Province, Sri Lanka	5.961467	80.72051	Gayashan and Jayakody 2012
Clade a	Duwagahawella, S. Province, Sri Lanka	5.959960	80.69895	Gayashan pers. comm.
Clade a	Madilla, S. Province, Sri Lanka	6.040526	80.83964	Perera and Weerakkody 2004
Clade a	Hiriketiya Bay, S. Province, Sri Lanka	5.961717	80.70913	Gayashan and Jayakody 2012
Clade a	Unawatuna, Galle, S. Province, Sri Lanka	6.018753	80.23919	Price and Rowe 1996
Clade a	Rubiah, Pula We, Sumatra, Indonesia	5.884099	95.25845	Price and Rowe 1996
Clade a	Klah, Pula We, Sumatra, Indonesia	5.873688	95.31258	Price and Rowe 1996
Clade a	Ug Murung, Pula We, Sumatra, Indonesia	5.848368	95.27837	Price and Rowe 1996
Clade a	Ug Tapa Godja, Pula We, Sumatra, Indonesia	5.898614	95.33506	Price and Rowe 1996
Clade a	Ug Seukundo, Pula We, Sumatra, Indonesia	5.869933	95.30105	Price and Rowe 1996
Clade a	Taiping Isl, South China Sea	10.37338	114.3591	Jeng 1998
Clade a	Taiping Isl, South China Sea	10.37599	114.3708	Jeng 1998
Clade a	Taiping Isl, South China Sea	10.38217	114.3664	Jeng 1998
Clade a	Guam	15.18753	145.7031	Paulay 2000
Clade a	N. Hon Mun, Nha Trang Bay, Vietnam	12.171828	109.30163	Fjukmoen 2006
Clade a	S. Hon Mun, Nha Trang Bay, Vietnam	12.164149	109.29956	Fjukmoen 2006
Clade a	S. Hon Mun, Nha Trang Bay, Vietnam	12.170190	109.29702	Fjukmoen 2006
Clade a	S. Hon Mun, Nha Trang Bay, Vietnam	12.167210	109.29666	Fjukmoen 2006

mt clade	Locality	Latitude	Longitude	Source
Clade a	S. Hon Mun, Nha Trang Bay, Vietnam	12.165358	109.29777	Fjukmoen 2006
Clade a	S. Hon Mun, Nha Trang Bay, Vietnam	12.163911	109.30519	Fjukmoen 2006
Clade a	S. Hon Mun, Nha Trang Bay, Vietnam	12.165657	109.30785	Fjukmoen 2006
Clade a	S. Hon Mun, Nha Trang Bay, Vietnam	12.162365	109.31259	Fjukmoen 2006
Clade a	S. Hon Mun, Nha Trang Bay, Vietnam	12.162464	109.31428	Fjukmoen 2006
Clade a	Bich Dam, Nha Trang Bay, Vietnam	12.195522	109.29677	Fjukmoen 2006
Clade a	Bich Dam, Nha Trang Bay, Vietnam	12.192303	109.30092	Fjukmoen 2006
Clade a	Hon Mot, Nha Trang Bay, Vietnam	12.174844	109.27065	Fjukmoen 2006
Clade a	Hon Mot, Nha Trang Bay, Vietnam	12.174005	109.27606	Fjukmoen 2006
Clade a	Hon Vung, Nha Trang Bay, Vietnam	12.26742	109.3623	Fjukmoen 2006
Clade a	Hon Vung, Nha Trang Bay, Vietnam	12.26757	109.3597	Fjukmoen 2006
Clade a	Bai Tien, Nha Trang Bay, Vietnam	12.31199	109.2319	Fjukmoen 2006
Clade a	Bai Bang, Nha Trang Bay, Vietnam	12.2094	109.3289	Fjukmoen 2006
Clade a	Hon Tam, Nha Trang Bay, Vietnam	12.172750	109.25102	Fjukmoen 2006
Clade a	Kiltan Isl, Lakshadweep Archipelago, India	11.493632	72.99742	Sastry 1991, James 1989
Clade b [†]	Kás, Turkey	36.140833	29.655000	Current study*
Clade b [†]	GOA, Jordan	29.386464	34.967636	Current study
Clade b [†]	GOA, Israel	29.505890	34.919695	Lessios <i>et al.</i> 2001
Clade b [†]	GOA, Jordan	29.454000	34.970200	Al-Rshaidat et al 2016
Clade b [†]	GOA, Jordan	29.455900	34.971200	Al-Rshaidat et al 2016
Clade b [†]	Tarut Bay Reef, Persian Gulf, Saudi Arabia	26.57768	50.122551	Lessios et al 2001
Clade b [†]	Masqat, Oman	23.626490	58.478250	Lessios <i>et al.</i> 2001
Clade b [†]	Museri Island, Eritrea	15.495838	40.357263	Lessios <i>et al.</i> 2001
Clade b [†]	Norkra Island, Eritrea	15.715689	39.949688	Lessios <i>et al.</i> 2001
Clade b [†]	Tualot Island, Eritrea	15.590911	39.484542	Lessios <i>et al.</i> 2001
Clade b	Ras es Sudr, Suez, Egypt	29.604954	32.677597	HUJI collection
Clade b	Port Tawfiq, Suez, Egypt	29.933374	32.566457	Fox 1924
Clade b	Wadi el Dom, Suez, Egypt	29.381936	32.567770	Pearse 1970
Clade b	Ain Sokhna, Suez, Egypt	29.570453	32.358506	Pearse 1970
Clade b	Al Ghardaqa, Egypt	27.264222	33.819739	Pearse 1970; Mortensen 1937
Clade b	Safaga south, Egypt	26.624867	33.999355	Pearse 1970
Clade b	Quseir north, Egypt	26.284271	34.187230	Pearse 1970
Clade b	Hurgada, Egypt	27.248274	33.841512	Personal Observation
Clade b	Hurgada, Egypt	27.251756	33.842832	Personal Observation
Clade b	Ras Mohammed, Egypt	27.728979	34.258248	Personal Observation
Clade b	Ras Mohammed, Egypt	27.727223	34.258249	Personal Observation
Clade b	Ras Mohammed, Egypt	27.724288	34.256477	Personal Observation
Clade b	Ras Mohammed, Egypt	27.724526	34.257936	Personal Observation
Clade b	Ras Mohammed, Egypt	27.725571	34.258665	Personal Observation
Clade b	Ras Mohammed, Egypt	27.736527	34.221615	Personal Observation
Clade b	Tiran, Egypt	27.989833	34.453944	Personal Observation
Clade b	Tiran, Egypt	27.990067	34.455243	Personal Observation
Clade b	Coral Island, Egypt	29.461026	34.860150	Personal Observation
Clade b	Coral Island, Egypt	29.462062	34.858757	Personal Observation
Clade b	Blue Hole, Egypt	28.571728	34.537118	Personal Observation
Clade b	Blue Hole, Egypt	28.572483	34.538078	Personal Observation
Clade b	Dahab, Egypt	28.501272	34.522307	Personal Observation
Clade b	Dahab, Egypt	28.498964	34.521212	Personal Observation
Clade b	Dahab, Egypt	28.502066	34.521993	Personal Observation
Clade b	Aqaba south, Jordan	29.381621	34.963978	Personal Observation
Clade b	Aqaba south, Jordan	29.371293	34.964496	Personal Observation
Clade b	Aqaba south, Jordan	29.398687	34.964755	Personal Observation
Clade b	Aqaba south, Jordan	29.406182	34.975340	Personal Observation
Clade b	Aqaba south, Jordan	29.411855	34.977142	Personal Observation
Clade b	Aqaba south, Jordan	29.411033	34.977539	Personal Observation
Clade b	Aqaba south, Jordan	29.418492	34.972866	Personal Observation
Clade b	Aqaba south, Jordan	29.420623	34.972759	Personal Observation
Clade b	Aqaba south, Jordan	29.428856	34.973713	Personal Observation
Clade b	Aqaba south, Jordan	29.429968	34.974110	Personal Observation
Clade b	Aqaba south, Jordan	29.429949	34.973209	Personal Observation

mt clade	Locality	Latitude	Longitude	Source
Clade b	Aqaba south, Jordan	29.434627	34.972602	Personal Observation
Clade b	MSS, Jordan	29.449345	34.969219	Personal Observation
Clade b	MSS, Jordan	29.451937	34.969340	Personal Observation
Clade b	MSS, Jordan	29.452844	34.969554	Personal Observation
Clade b	MSS, Jordan	29.455115	34.968343	Personal Observation
Clade b	MSS, Jordan	29.456506	34.972258	Personal Observation
Clade b	MSS, Jordan	29.457773	34.973017	Personal Observation
Clade b	MSS, Jordan	29.458796	34.971455	Personal Observation
Clade b	MSS, Jordan	29.458182	34.974048	Personal Observation
Clade b	MSS, Jordan	29.458293	34.974984	Personal Observation
Clade b	MSS, Jordan	29.458409	34.975747	Personal Observation
Clade b	MSS, Jordan	29.459410	34.976098	Personal Observation
Clade b	MSS, Jordan	29.459878	34.974398	Personal Observation
Clade b	MSS, Jordan	29.460307	34.975157	Personal Observation
Clade b	MSS north, Jordan	29.481425	34.979130	Personal Observation
Clade b	MSS north, Jordan	29.493013	34.984728	Personal Observation
Clade b	Phosphat Jetty, Jordan	29.498690	34.990082	Personal Observation
Clade b	Phosphat Jetty, Jordan	29.501814	34.989099	Personal Observation
Clade b	Phosphat Jetty, Jordan	29.503496	34.990558	Personal Observation
Clade b	Aqaba City, Jordan	29.518711	35.000579	Personal Observation
Clade b	Aqaba City, Jordan	29.524630	35.000339	Personal Observation
Clade b	Aqaba City, Jordan	29.524490	34.998314	Personal Observation
Clade b	Aqaba City, Jordan	29.530216	34.997131	Personal Observation
Clade b	Aqaba City, Jordan	29.536152	34.987191	Personal Observation
Clade b	Eilat North Beach, Israel	29.542931	34.976304	Personal Observation
Clade b	Eilat North Beach, Israel	29.546271	34.968009	Personal Observation
Clade b	Eilat North Beach, Israel	29.548451	34.968067	Personal Observation
Clade b	Eilat North Beach, Israel	29.546756	34.966979	Personal Observation
Clade b	Eilat North Beach, Israel	29.546687	34.966350	Personal Observation
Clade b	Eilat North Beach, Israel	29.548270	34.961853	Personal Observation
Clade b	Eilat North Beach, Israel	29.548839	34.961447	Personal Observation
Clade b	Eilat North Beach, Israel	29.550472	34.960202	Personal Observation
Clade b	Eilat North Beach, Israel	29.548531	34.959333	Personal Observation
Clade b	Eilat North Beach, Israel	29.549072	34.959172	Personal Observation
Clade b	Eilat North Beach, Israel	29.549401	34.954462	Personal Observation
Clade b	Eilat Kisoski, Israel	29.548800	34.954505	Personal Observation
Clade b	Eilat Kisoski, Israel	29.547988	34.953775	Personal Observation
Clade b	Eilat Kisoski, Israel	29.547936	34.953612	Personal Observation
Clade b	Eilat Kisoski, Israel	29.547260	34.953346	Personal Observation
Clade b	Eilat Kisoski, Israel	29.546961	34.953968	Personal Observation
Clade b	Eilat Kisoski, Israel	29.546747	34.953185	Personal Observation
Clade b	Eilat Kisoski, Israel	29.546364	34.952906	Personal Observation
Clade b	Eilat Naval south, Israel	29.541425	34.948973	Personal Observation
Clade b	Eilat North Beach, Israel	29.539109	34.946441	Personal Observation
Clade b	Eilat Dekel Beach, Israel	29.536931	34.945001	Personal Observation
Clade b	Eilat Dolphin Reef, Israel	29.524592	34.937353	Personal Observation
Clade b	Eilat Katza, Israel	29.522427	34.932482	Personal Observation
Clade b	Eilat Tur Yam, Israel	29.514791	34.926737	Personal Observation
Clade b	Eilat Tur Yam, Israel	29.512247	34.925922	Personal Observation
Clade b	Eilat Coral Beach, Israel	29.509861	34.923707	Personal Observation
Clade b	Eilat Coral Beach, Israel	29.503387	34.918515	Personal Observation
Clade b	Eilat Coral Beach, Israel	29.502547	34.918268	Personal Observation
Clade b	Eilat Coral Beach, Israel	29.501846	34.917615	Personal Observation
Clade b	Eilat Coral Beach, Israel	29.501198	34.918832	Personal Observation
Clade b	Eilat Coral Beach, Israel	29.500516	34.918794	Personal Observation
Clade b	Eilat Coral Beach, Israel	29.501099	34.916692	Personal Observation
Clade b	Eilat Taba, Israel	29.498241	34.913313	Personal Observation
Clade b	Eilat Taba, Israel	29.495639	34.908279	Personal Observation
Clade b	Eilat Taba, Israel	29.491441	34.904931	Personal Observation
Clade b	Eilat Taba, Israel	29.491254	34.903794	Personal Observation
Clade b	Eritrea	13.941543	42.808403	Lessios <i>et al.</i> 2001

mt clade	Locality	Latitude	Longitude	Source
Clade b	Kubbar Island, Persian Gulf, Kuwait	29.075853	48.488199	Alsaffar and Lone 2000
Clade b	Tarout Bay, Arabian Gulf, Saudi Arabia	26.667582	50.129426	Price 1981
Clade b	Tarout Bay, Arabian Gulf, Saudi Arabia	26.666933	50.132472	Price 1981
Clade b	Tarout Bay, Arabian Gulf, Saudi Arabia	26.657197	50.143314	Price 1981
Clade b	Tarout Bay, Arabian Gulf, Saudi Arabia	26.638211	50.152857	Price 1981
Clade b	Tarout Bay, Arabian Gulf, Saudi Arabia	26.637567	50.164905	Price 1981
Clade b	Jana Isl, Arabian Gulf, Saudi Arabia	27.367497	49.892614	Price 1981
Clade b	Jurayd Isl, Arabian Gulf, Saudi Arabia	27.199497	49.959682	Price 1981

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- *Collections of The Steinhardt Museum of Natural History and National Research Centre, Tel Aviv University, Tel Aviv, Israel
- *National Natural History Collections at The Hebrew University of Jerusalem, Jerusalem, Israel

Table S3

Estimates of relative contributions of the environmental variables to the MaxEnt model for *Diadema setosum* clade a and *Diadema setosum* clade b.

Variable	<i>Diadema setosum</i> clade a		<i>Diadema setosum</i> clade b	
	Percent contribution	Permutation importance	Percent contribution	Permutation importance
calcitecl	8.7	3.2	0.3	0
chlorangecl	0.2	0	1	0.1
cloudmaxcl	5.1	3.7	10.4	0.3
damincl	21.4	3.9	0.4	0.1
dissoycl	0.5	1.3	0.6	0.3
nitratecl	18.8	70.1	0.4	0
parmaxcl	0.4	0.7	0.5	0.5
parmeancl	0.4	1	0.4	0
phcl	0.3	0	0	0
phosphatecl	9.6	6	0.1	0
salinitycl	6	2.2	63.9	23.9
silicatecl	0.3	0.1	0	0
sstmaxcl	28.1	7.8	22	74.8

Figure S1 Detailed phylogenetic relationships of *Diadema* based on *COI* sequences. Bayesian phylogenetic tree reconstruction is based on the *COI* dataset (64 sequences, 526 bp long) representing all extant species of *Diadema* as well as the Mediterranean material (highlighted in yellow). The tree was rooted on *Echinothrix diadema* and *Astropyga radiata*. Supporting values (> 0.6 posterior probabilities and > 60% ML bootstrap values) are shown above the nodes. ML bootstrap support was calculated from 1000 replications and BI posterior probabilities from 7.5 million generations (after burn-in). Details on the sequences used for this tree are given in Table S1.

***Diadema* BI tree reconstruction**
***COI* dataset**
526 bp, HKY+G model

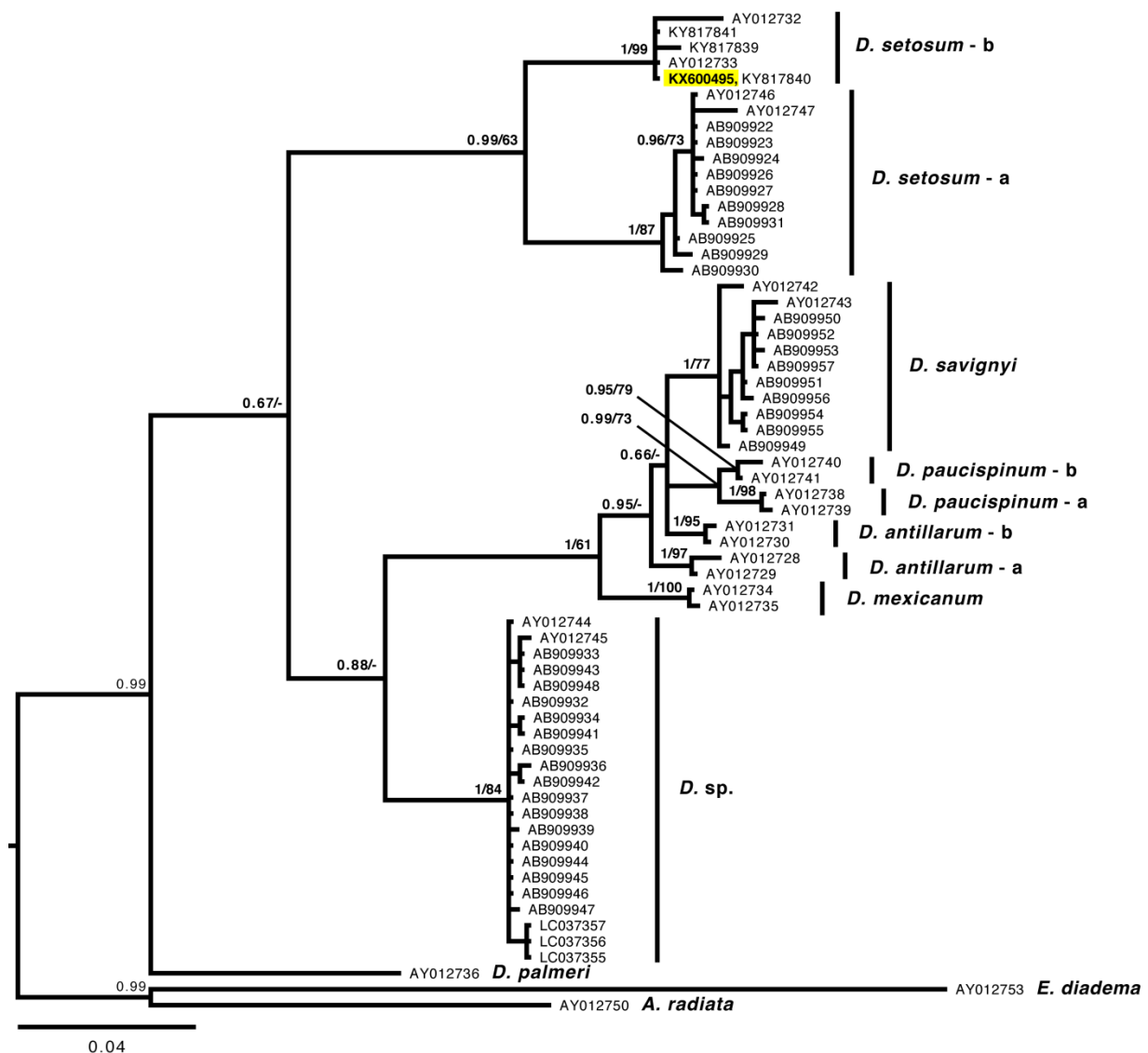


Figure S2 Detailed phylogenetic relationships of *Diadema* based on *LYS* sequences. Bayesian phylogenetic tree reconstruction is based on the *LYS* dataset (399 sequences, 524 bp long) representing all extant species of *Diadema* as well as the Mediterranean material (highlighted in yellow). The tree was rooted on *Echinothrix calamaris*, *Astropyga pulvinata* and *Astropyga radiata*. Supporting values (> 0.6 posterior probabilities and $> 60\%$ ML bootstrap values) are shown near the nodes. ML bootstrap support was calculated from 1000 replications and BI posterior probabilities from 7.5 million generations (after burn-in). Details on the sequences used for this tree are given in Table S1.

