

Short Communication

The Coral Triangle Initiative: what are we missing? A case study from Aceh

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APPENDIX 1 Coral species list from Pulau Weh, Aceh (Fig. 1). An asterisk indicates species that were recorded during either dedicated *Acropora* surveys (Nov 2009), line intercept transects (April 2005 and Nov 2009) or incidental sightings (April 2005 and November 2009). Distribution data are from Veron (2000). Range extension indicates that the species was not thought to occur in Aceh prior to our surveys.

Species (by Family)	Acropora survey	Line intercept transects		Incidental		Distribution*	Range extension
		2005	2009	2005	2009		
Acroporidae							
Acropora 9473			*			Endemic	
Acropora 9484			*			Endemic	
Acropora 9539			*			Indonesia	
Acropora 9969				*		Endemic	
Acropora acuminata		*				Indo-Pacific	
Acropora anthocercis					*	Indo-Pacific	
Acropora austera		*				Indo-Pacific	
Acropora bifurcata		*	*			Indonesia	
Acropora branchi	*					Indian Ocean	*
Acropora clathrata		*				Indo-Pacific	
Acropora cophodactyla					*	Indo-Pacific	
Acropora copiosa		*				Indo-Pacific	
Acropora digitifera		*	*			Indo-Pacific	
Acropora divaricata		*				Indo-Pacific	
Acropora florida	*					Indo-Pacific	
Acropora gemmifera		*	*			Indo-Pacific	
Acropora globiceps			*			Pacific	
Acropora hoeksemai	*				*	Indonesia	
Acropora horrida	*					Indo-Pacific	
Acropora humilis		*	*			Indo-Pacific	
Acropora hyacinthus		*	*			Indo-Pacific	
Acropora indonesia					*	Indo-Pacific	
Acropora intermedia		*	*			Indo-Pacific	
Acropora latistellata					*	Indo-Pacific	
Acropora lutkeni		*	*			Pacific	
Acropora microphthalma		*	*			Indo-Pacific	
Acropora monticulosa	*		*			Indo-Pacific	
Acropora muricata		*	*			Indo-Pacific	
Acropora nasuta		*	*			Indo-Pacific	
Acropora orbicularis	*					Indo-Pacific	
Acropora paniculata		*	*			Pacific	
Acropora papillare		*	*			Indo-Pacific	
Acropora pectinatus			*			Indo-Pacific	
Acropora pinguis		*	*			Indian Ocean	
Acropora pulchra		*				Indo-Pacific	
Acropora robusta		*	*			Indo-Pacific	
Acropora retusa					*	Indo-Pacific	
Acropora roseni	*					Indian Ocean	*
Acropora secale	*					Indo-Pacific	
Acropora samoensis				*		Indo-Pacific	
Acropora selago	*					Indo-Pacific	
Acropora spicifera	*		*			Indo-Pacific	

Appendix 1 (Continued)

Species (by Family)	<i>Acropora</i> survey	Line intercept transects		Incidental		Distribution*	Range extension
		2005	2009	2005	2009		
<i>Acropora tenuis</i>	*					Indo-Pacific	
<i>Acropora echinata</i>					*	Indo-Pacific	
<i>Acropora valida</i>		*	*			Indo-Pacific	
<i>Acropora vaughani</i>					*	Pacific	
<i>Acropora willisae</i>		*				Indo-Pacific	
<i>Anacropora forbesi</i>				*		Indo-Pacific	
<i>Astreopora myriophthalma</i>				*		Indo-Pacific	
<i>Astreopora ocellata</i>				*		Indo-Pacific	
<i>Isopora brueggemanni</i>				*		Indo-Pacific	
<i>Isopora palifera</i>		*	*			Indo-Pacific	
<i>Montipora aequituberculata</i>		*	*			Indo-Pacific	
<i>Montipora caliculata</i>			*			Pacific	
<i>Montipora corbettensis</i>			*			Pacific	
<i>Montipora crassituberculata</i>			*			Pacific	
<i>Montipora efflorescens</i>		*	*			Indo-Pacific	
<i>Montipora floweri</i>		*				Indo-Pacific	
<i>Montipora foveolata</i>		*				Indo-Pacific	
<i>Montipora grisea</i>		*	*			Indo-Pacific	
<i>Montipora hoffmeisteri</i>		*	*			Pacific	
<i>Montipora informis</i>		*	*			Indo-Pacific	
<i>Montipora monasteriata</i>		*	*			Indo-Pacific	
<i>Montipora nodosa</i>			*			Indo-Pacific	
<i>Montipora tuberculosa</i>		*	*			Indo-Pacific	
<i>Montipora turgescens</i>		*	*			Indo-Pacific	
<i>Montipora venosa</i>		*				Indo-Pacific	
Agariciidae							
<i>Coelosera mayeri</i>		*	*			Indo-Pacific	
<i>Gardineroseris planulata</i>		*				Indo-Pacific	
<i>Leptoseris scabra</i>				*		Indo-Pacific	
<i>Pachyseris gemmae</i>				*		Indonesia	
<i>Pavona clavus</i>		*				Indo-Pacific	
<i>Pavona explanulata</i>		*				Indo-Pacific	
<i>Pavona venosa</i>		*	*			Indo-Pacific	
Faviidae							
<i>Cyphastrea japonica</i>			*			Indonesia	
<i>Cyphastrea microphthalma</i>		*	*			Indo-Pacific	
<i>Cyphastrea ocellina</i>			*			Pacific	
<i>Diploastrea heliopora</i>				*		Indo-Pacific	
<i>Echinopora gemmacea</i>		*	*			Indo-Pacific	
<i>Echinopora lamellosa</i>		*	*			Indo-Pacific	
<i>Favia matthaii</i>		*	*			Indo-Pacific	
<i>Favia pallida</i>		*	*			Indo-Pacific	
<i>Favia speciosa</i>				*		Indo-Pacific	
<i>Favia stelligera</i>		*				Indo-Pacific	
<i>Favites abdita</i>		*	*			Indo-Pacific	
<i>Favites chinensis</i>			*			Indo-Pacific	
<i>Favites complanata</i>		*				Indo-Pacific	
<i>Favites halicora</i>		*	*			Indo-Pacific	
<i>Favites russelli</i>				*		Indo-Pacific	
<i>Favites pentagona</i>		*	*			Indo-Pacific	
<i>Goniastrea edwardsi</i>		*	*			Indo-Pacific	
<i>Goniastrea retiformis</i>		*	*			Indo-Pacific	
<i>Leptastrea pruinosa</i>		*				Indo-Pacific	
<i>Leptastrea purpurea</i>			*			Indo-Pacific	
<i>Leptastrea transversa</i>		*				Indo-Pacific	

Appendix 1 (Continued)

Species (by Family)	<i>Acropora</i> survey	Line intercept transects		Incidental		Distribution*	Range extension
		2005	2009	2005	2009		
<i>Leptoria irregularis</i>		*				Pacific	
<i>Leptoria phrygia</i>		*	*			Indo-Pacific	
<i>Montastrea annuligera</i>		*	*			Indo-Pacific	
<i>Montastrea colmani</i>		*				Pacific	
<i>Montastrea curta</i>		*				Indo-Pacific	
<i>Montastrea magnistellata</i>			*			Indo-Pacific	
<i>Montastrea salebrosa</i>		*				Pacific	
<i>Montastrea serageldini</i>					*	Indian Ocean	*
<i>Montastrea valenciennesi</i>			*			Indo-Pacific	
<i>Oulophyllia crispa</i>				*		Indo-Pacific	
<i>Platygyra daedalea</i>		*				Indo-Pacific	
<i>Platygyra pini</i>		*	*			Indo-Pacific	
<i>Platygyra verweyi</i>			*			Indonesia	
Fungiidae							
<i>Fungia repanda</i>		*				Indo-Pacific	
<i>Polyphyllia talpina</i>				*		Indo-Pacific	
Merulinidae							
<i>Hydnophora exesa</i>		*	*			Indo-Pacific	
<i>Hydnophora microconos</i>		*				Indo-Pacific	
<i>Hydnophora rigida</i>				*		Indo-Pacific	
<i>Scapophyllia cylindrica</i>		*				Pacific	
Mussidae							
<i>Acanthastrea 2593</i>				*		Endemic	
<i>Symphyllia recta</i>			*			Indo-Pacific	
Oculinidae							
<i>Galaxea fascicularis</i>		*	*			Indo-Pacific	
Pectinidae							
<i>Echinophyllia echinoporoides</i>				*		Indonesia	
<i>Pectinia alcornis</i>		*	*			Pacific	
<i>Pectinia teres</i>				*		Indonesia	
Pocilloporidae							
<i>Pocillopora damicornis</i>		*	*			Indo-Pacific	
<i>Pocillopora eydouxi</i>		*	*			Indo-Pacific	
<i>Pocillopora meandrina</i>		*	*			Indo-Pacific	
<i>Pocillopora verrucosa</i>		*	*			Indo-Pacific	
<i>Seriatopora hystrix</i>					*	Indo-Pacific	
<i>Stylophora pistilata</i>				*		Indo-Pacific	
Poritidae							
<i>Goniopora tenuidens</i>		*				Indo-Pacific	
<i>Porites cylindrica</i>		*				Indo-Pacific	
<i>Porites massive</i>		*	*			Indo-Pacific	
<i>Porites rus</i>		*	*			Indo-Pacific	
<i>Porites vauhani</i>		*				Pacific	
Siderastreidae							
<i>Psammocora contigua</i>		*	*			Indo-Pacific	
<i>Psammocora superficialis</i>		*	*			Indo-Pacific	

*Indo-Pacific, widespread throughout the Indo-Pacific; Indonesia, Indonesia only; Pacific, Pacific Ocean including Indonesia; Indian Ocean, Indian Ocean including Indonesia