

SUPPLEMENTARY TABLE 3. TAXONOMIC REVISIONS.

There have been a number of significant taxonomic revisions of hard corals in recent years (e.g. Hoeksema 1989, Wallace 1999, Benzoni et al. 2007, Wallace et al. 2012, Arrigoni et al. 2014, Kitano et al. 2014, Huang et al. 2011, Huang et al. 2014, Budd et al. 2012). Subsequently, species and genera have been synonymised and re-classified. Reproductive data in Supplementary Table 2 are based on species names used in the original literature, but have been updated here according to the World Register of Marine Species (WORMS) (Appeltans et al. 2012).

Reference name	WORMS nomenclature	Authority
<i>Acropora formosa</i>	<i>Acropora muricata</i>	(Linnaeus 1758)
<i>Acropora danai</i>	<i>Acropora abrotanoides</i>	(Lamarck 1816)
<i>Acropora stoddarti</i>	<i>Acropora divaricata</i>	(Dana 1846)
<i>Acropora tumida</i>	<i>Acropora valida</i>	(Dana 1846)
<i>Alveopora fenestrata</i>	<i>Acropora yongei</i>	(Veron and Wallace 1984)
<i>Barabattoia amicornum</i>	<i>Dipsastraea amicornum</i>	(Milne Edwards & Haime 1849)
<i>Echinophyllia lamellosa</i>	<i>nomen dubium</i>	nomen dubium
<i>Favia chinensis</i>	<i>Euphyllia glabrescens</i>	(Chamisso and Eysenhardt 1821)
<i>Favia danae</i>	<i>Dipsastraea danai</i>	(Milne Edwards 1857)
<i>Favia fавus</i>	<i>Dipsastraea fавus</i>	(Forskål 1775)
<i>Favia maritima</i>	<i>Dipsastraea maritima</i>	(Nemezo 1971)
<i>Favia matthaii</i>	<i>Dipsastraea matthaii</i>	(Vaughan 1918)
<i>Favia maxima</i>	<i>Dipsastraea maxima</i>	(Veron, Pichon & Wijsman-Best 1977)
<i>Favia pallida</i>	<i>Dipsastraea pallida</i>	(Dana 1846)
<i>Favia rotumana</i>	<i>Dipsastraea rotumana</i>	(Gardiner 1899)
<i>Favia speciosa</i>	<i>Dipsastraea speciosa</i>	(Dana 1846)
<i>Favia stelligera</i>	<i>Goniastrea stelligera</i>	(Dana 1846)
<i>Favia truncatus</i>	<i>Dipsastraea truncata</i>	(Veron 2000)
<i>Favia veroni</i>	<i>Dipsastraea veroni</i>	(Moll & Best 1984)
<i>Favites bennettiae</i>	<i>Oulophyllia bennettiae</i>	(Veron Pichon & Best 1977)
<i>Favites russelli</i>	<i>Paragoniastrea russelli</i>	(Wells 1954)
<i>Goniastrea australensis</i>	<i>Paragoniastrea australensis</i>	(Milne Edwards 1857)
<i>Montastraea curta</i>	<i>Astrea curta</i>	(Dana 1846)
<i>Montastraea magnistellata</i>	<i>Favites magnistellata</i>	(Chevalier 1971)
<i>Montastrea curta</i>	<i>Astrea curta</i>	(Dana 1846)
<i>Mycedium mankaoi</i>	<i>Mycedium mancaoii</i>	(Nemenzo 1979)