

Coral Restoration Matrix

Injury categories compared with restoration options

INJURY CATEGORY		CHARACTERISTICS	EXAMPLES AND ALTERNATIVE TERMS	PRIMARY RESTORATION OPTIONS						
				Rubble Removal and/or Stabilization	Framework Cementation	Framework Infill	Relief Reconstruction	Coral Reattachment	Biological Enhancement*	No Action
Reef Framework	Fracturing	Cracks through surface framework, loose reef rock blocks	Cracking Splitting	X	X		X			X
	Displacement	Displacement of reef rock by hull, anchor, or propwash, includes back reef rubble	Gouging Grooving Hull scars Blowout craters	X		X	X			X
Coral Tissue and Reef Framework	Toppling	Detached, but otherwise intact colonies	Tumbling	X				X		X
	Destruction	Colony obliterated	Scrapes, Scraping lesions	X	X		X		X	X
Coral Tissue and Cover	Abrasion	Soft tissue damage only, no or minimal skeletal damage, bottom paint residue	Gashes						X	X
	Gouging	Soft tissue and colony skeleton damage	Fracturing Cracking Splitting Gashing				X		X	X
	Fragmentation	Colony split, or breakage and dismemberment of branches	Crushing					X		X
	Destruction	Colony obliterated		X	X		X		X	X

*Including, but not limited to coral transplantation, larval seeding, chemical attractants, and removal of bottom paint or other toxic substances