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Research areas:

Carbonate production, preservation and budget of *Halimeda* (*Chlorophyta: Bryopsidales*) on reefs in Fiji

Coral reefs are not just made of coral; bryopsidalean green algae such as *Halimeda* (see Figure) are important carbonate-producers in shallow tropical areas. An understanding of the processes affecting algal carbonate is critical in understanding this section of the global carbon cycle. This study investigates several Fijian species of *Halimeda*, and looks at production of carbonate, as well as resistance to abrasion, dissolution and bioerosion. This leads to a discussion of comparative taphonomy and preservation potential among *Halimeda* species, and a carbonate budget for *Halimeda* on two reefs in Fiji.



Halimeda macroloba on a patch reef in Fiji
