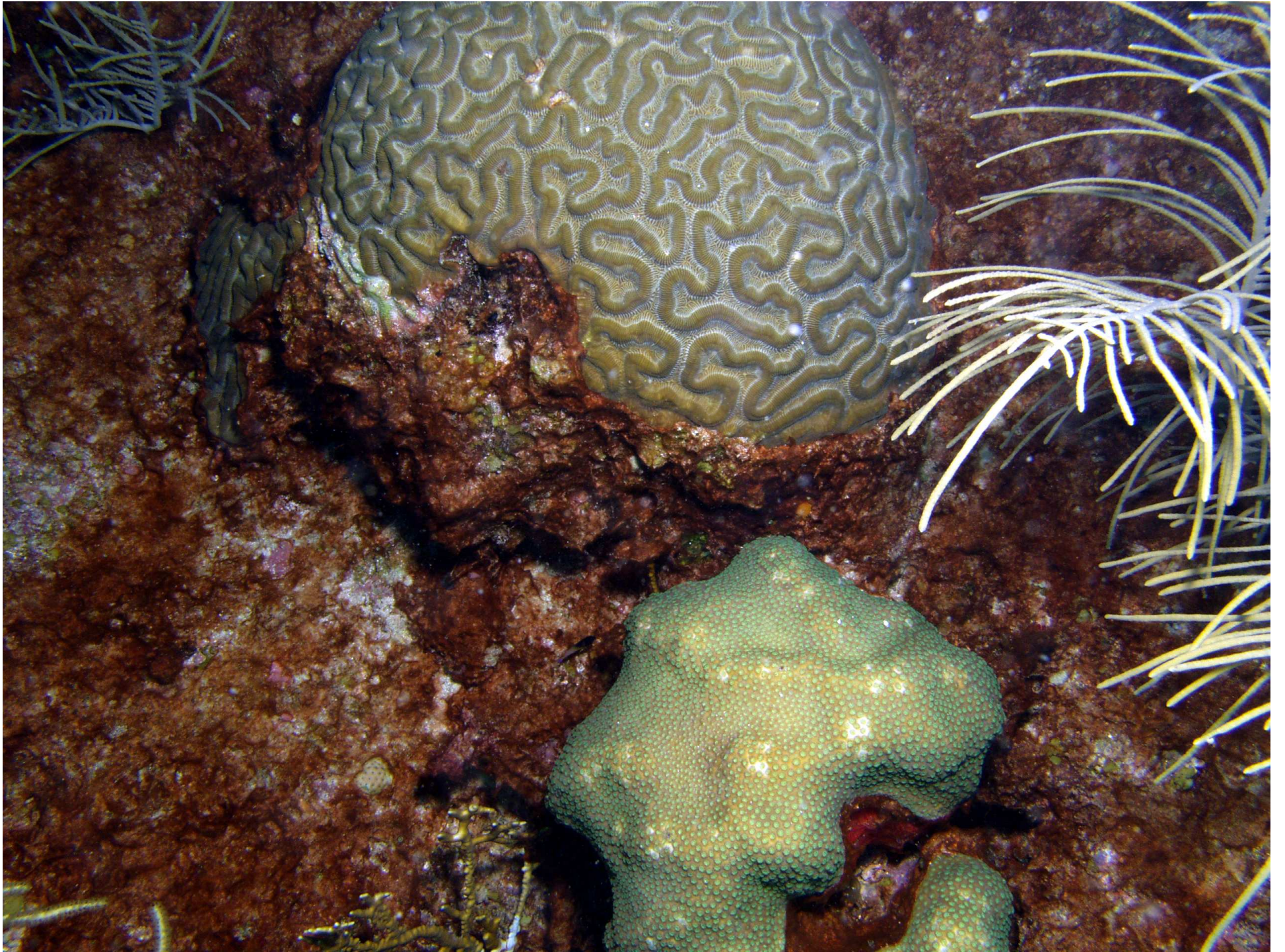


# Algal Epizooism

David L. Ballantine  
Dept. Marine Sciences  
University of Puerto Rico  
Mayagüez, Puerto Rico





## Epizoic Cyanobacteria on Corals

Identify cyanobacterial species present on La Parguera Reefs

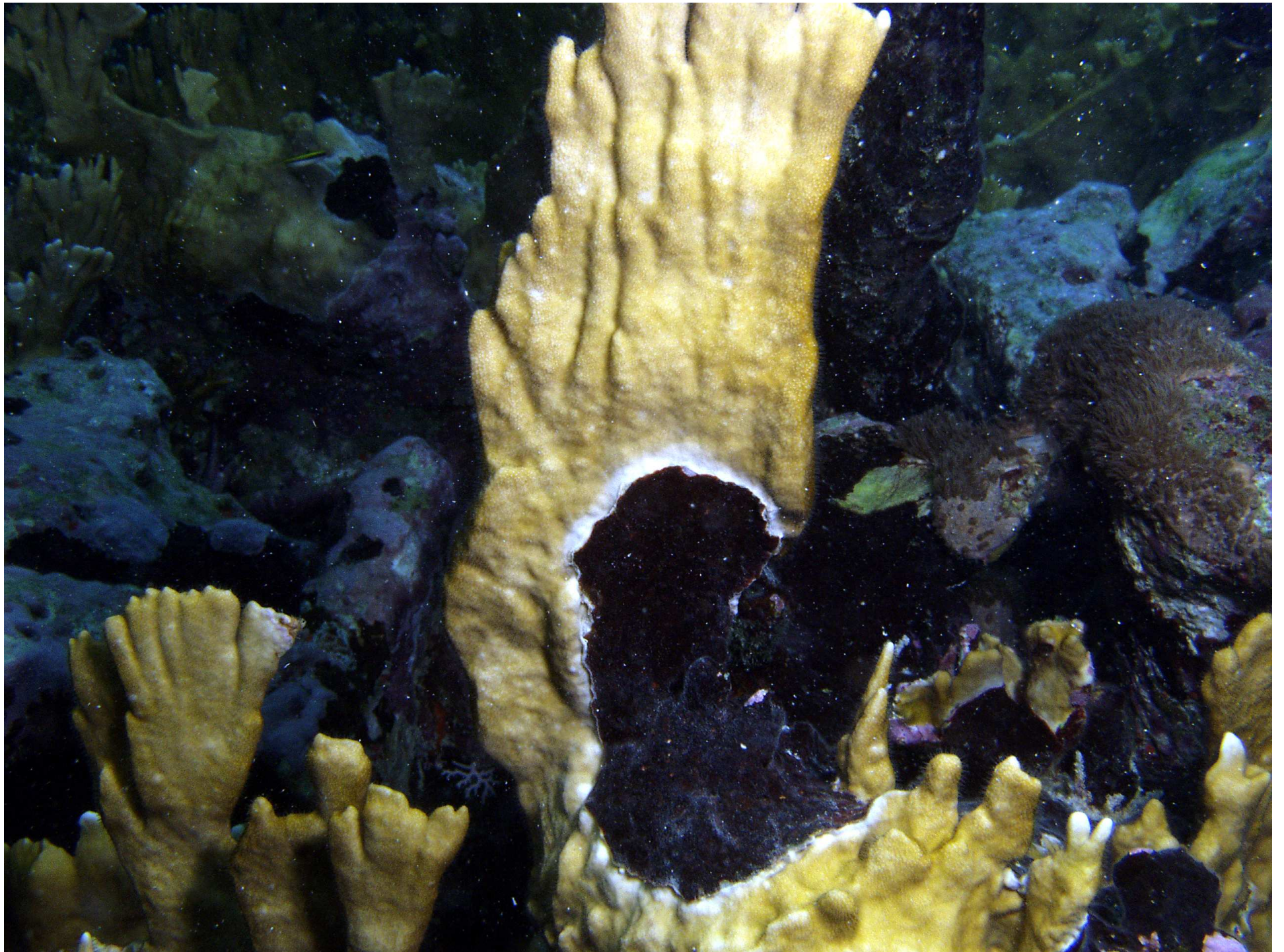
Monitor growth dynamics temporally (% cover) utilizing non-destructive sampling

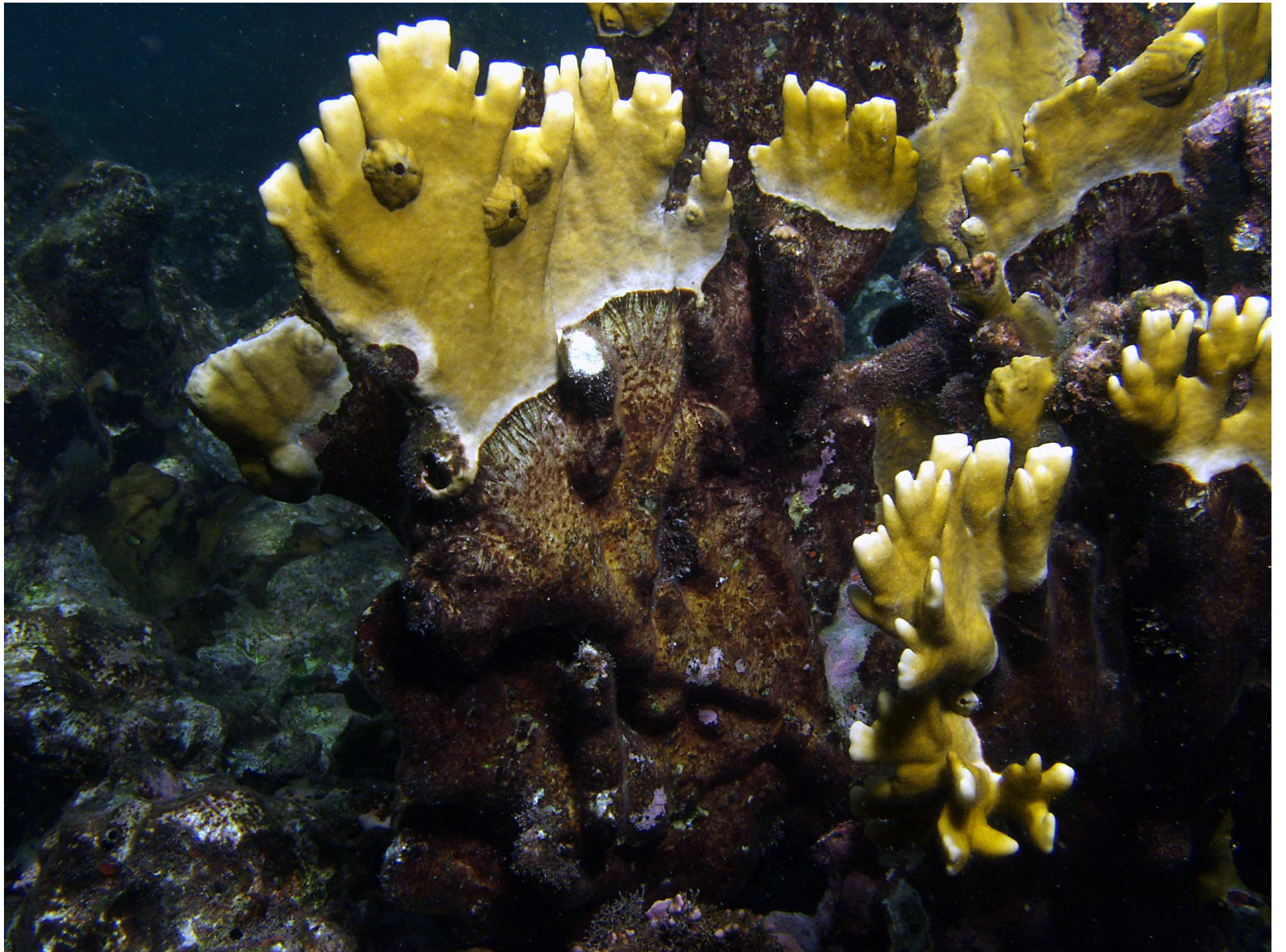
Determine biomass of cyanobacteria on reefs temporally

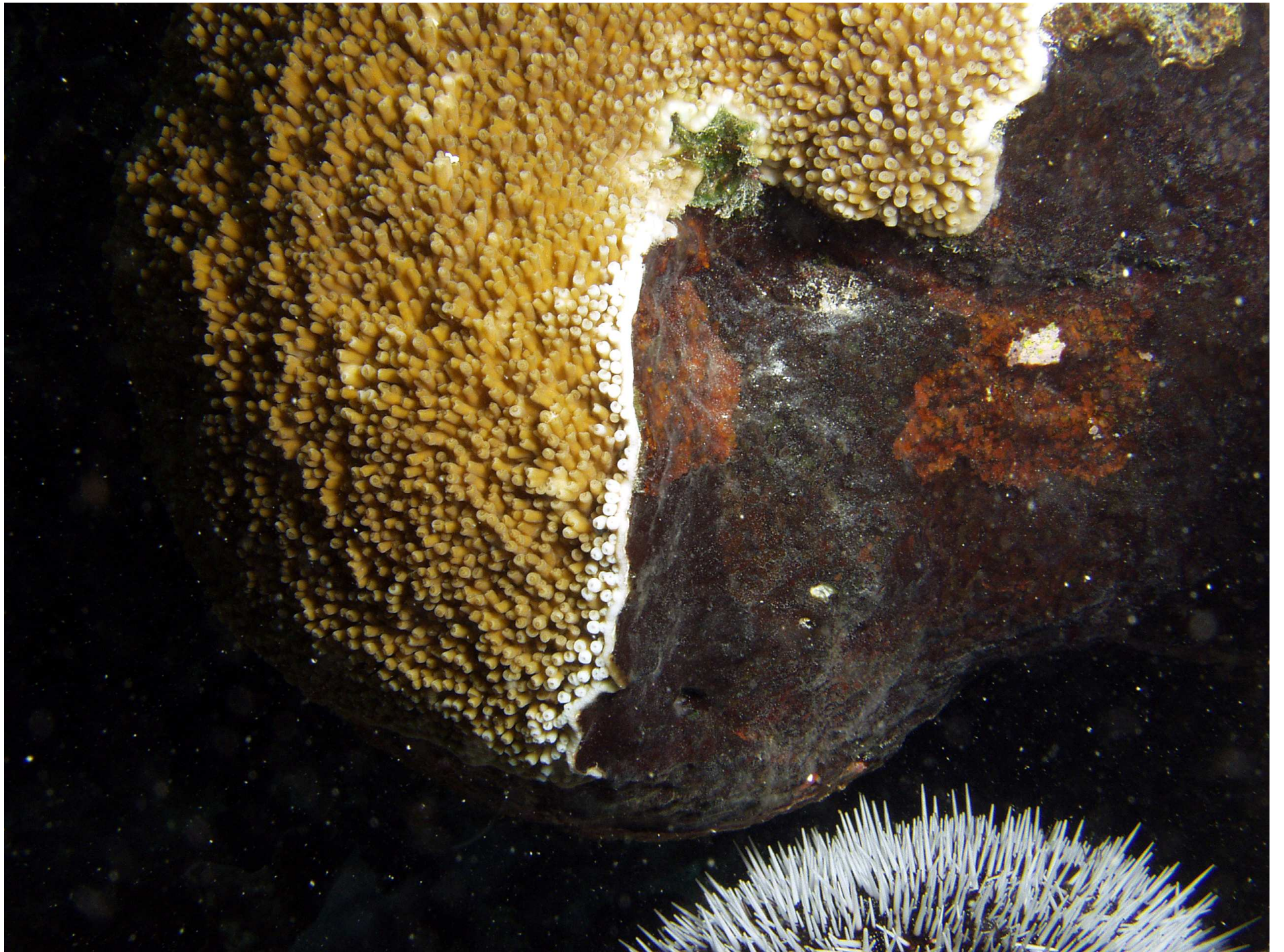
Examine overgrowth of other benthic organisms and their fate following overgrowth

Determine primary colonization on settling plates

Determine culture response to different nutrient regimes in laboratory









*Metapeyssonnelia* effects on *Millepora*  
at San Cristobal and Mario Reefs

Determine incidence of occurrence on live coral

Determine % of colony tissue killed

Determine rate of spreading on coral tissue

Determine toxicity effects of crude algal extracts on living coral tissue