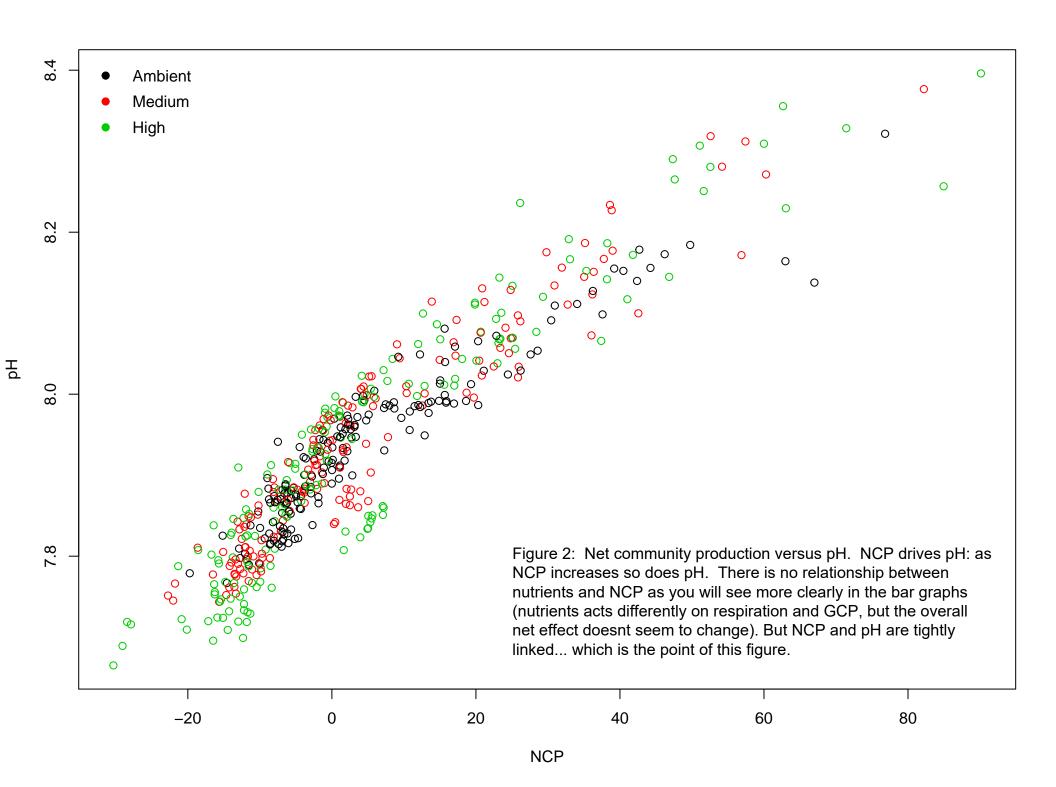
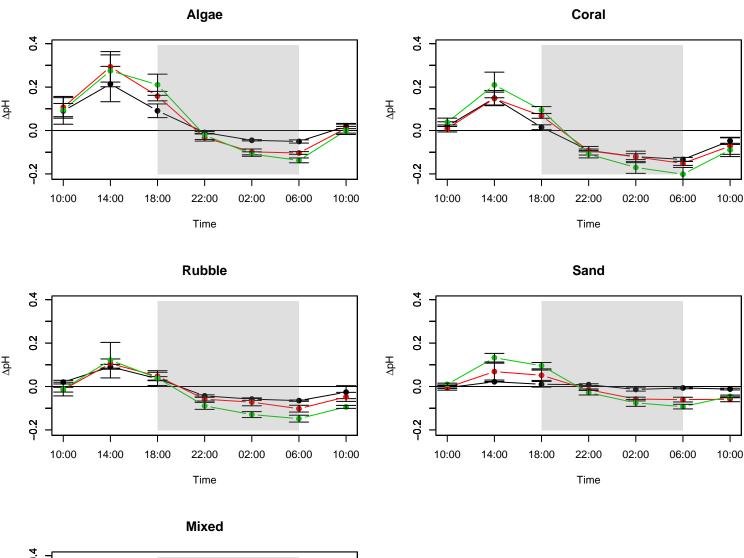


Fig 1: Illustrating feedbacks on reefs and what we predict would happen when you add nutrients....

Probably will make this a two panel figure with "typical" conditions on the left and nutrient addition conditions on the right (higher pH variable due to augmented PR cycle which impacts calcification and dissolution)





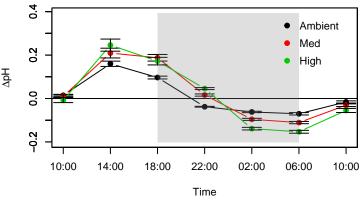
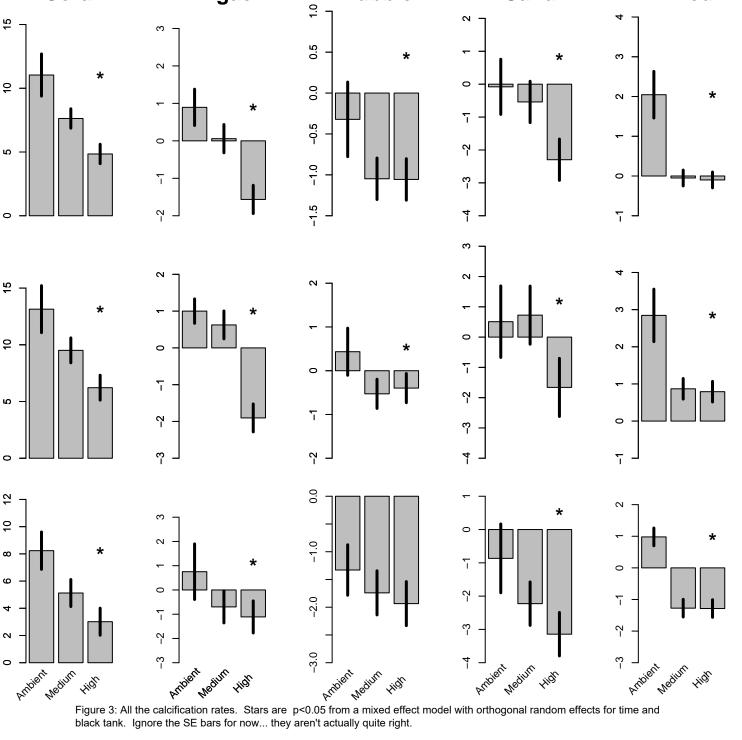


Figure 3: Two points: 1) Substrates change their pH environment (might add a 6th panel with just the ambient data across all substrates to make that easier to see) and 2) adding nutrients increases pH variability (both higher pH during the day--in most cases-- and lower pH at night always).



Rubble

Sand

**Mixed** 

Coral

Mean NEC

Mean Daytime NEC

Mean Nighttime NEC

**Algae** 

