Energetic Trade-off

Response Variable(s)

Growth rate

Details

Growth rate is a measurement of skeletal accretion. Growth is posited to compete for energy with reproduction and regeneration.

Rationale

Synchronous growth between unwounded and wounded corals indicates no apparant

trade off with regeneration.

Asynchronous growth among unwounded and wounded corals with the addition of elevated temperature

indicates a

temperature mediated

trade-off.

Hypotheses If energetic constraints

are placed on growth, then growth rates between unwounded and wounded corals will be asynchronous.