

Understory algae associations and predation risk influence broad-scale kelp habitat use in a temperate reef fish

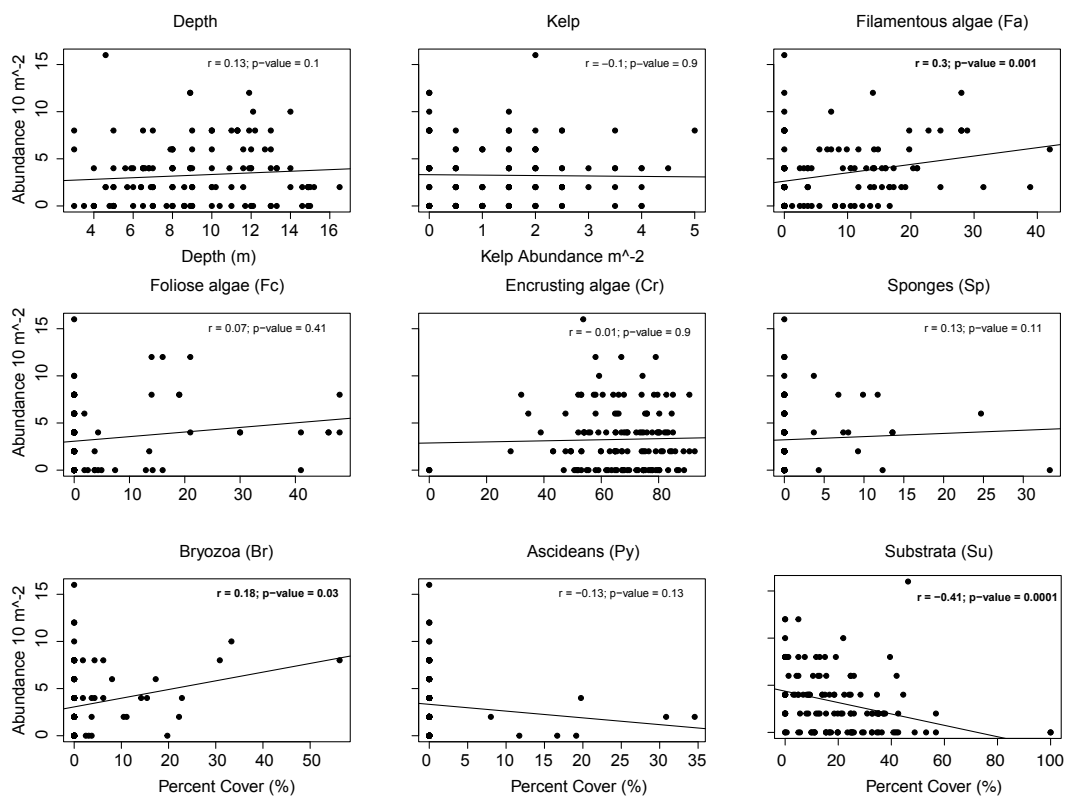
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Marine Ecology Progress Series 559: 147–158 (2016)

Transect and site-level variation in correlations between fish and kelp with different habitat features

a) Triplefin and habitat associations (transect level)



b) Triplefin and habitat associations (Site level)

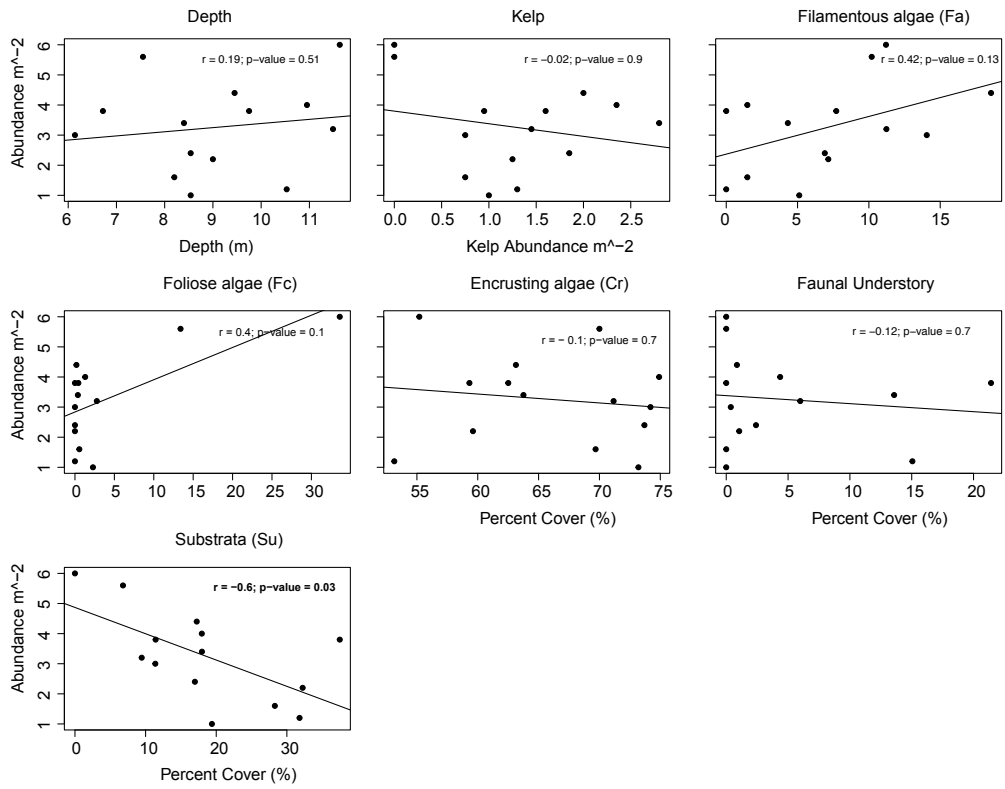
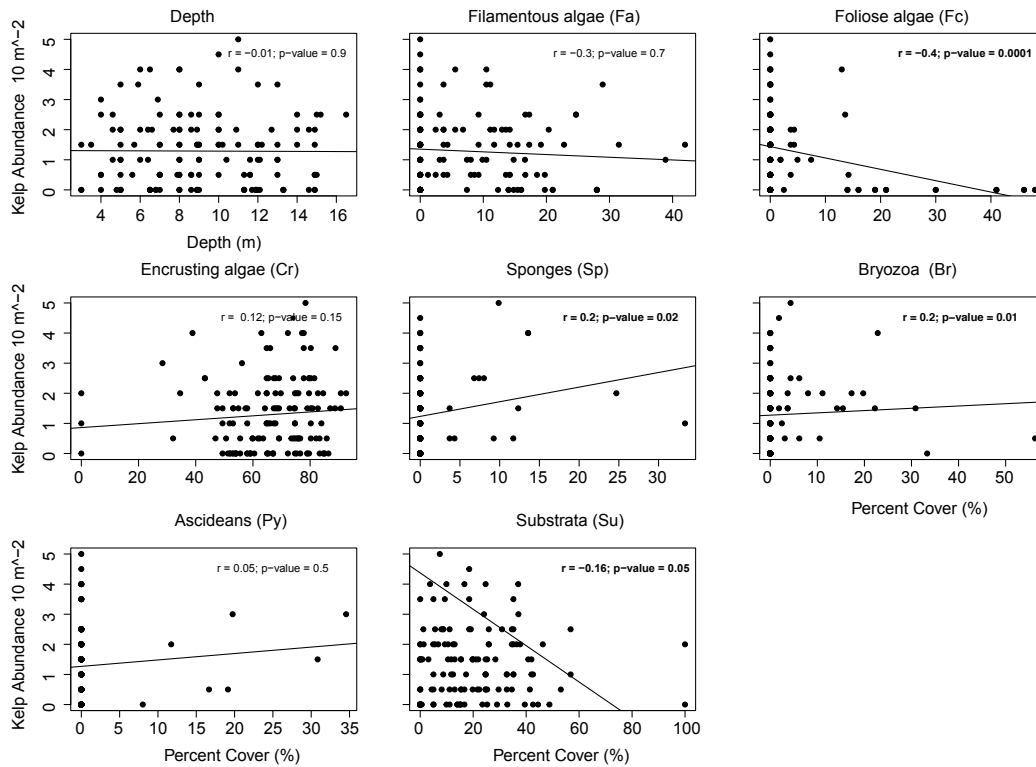


Fig. S1. Spearman-rank correlations between fish (*Helcogrammoides cunninghami*) abundance and different habitat features at different scale of variation such as (a) transect (b) sites. **In bold** are statistical significant positive or negative correlations.

a) Kelp and habitat associations (transect level)



b) Kelp and habitat associations (Site level)

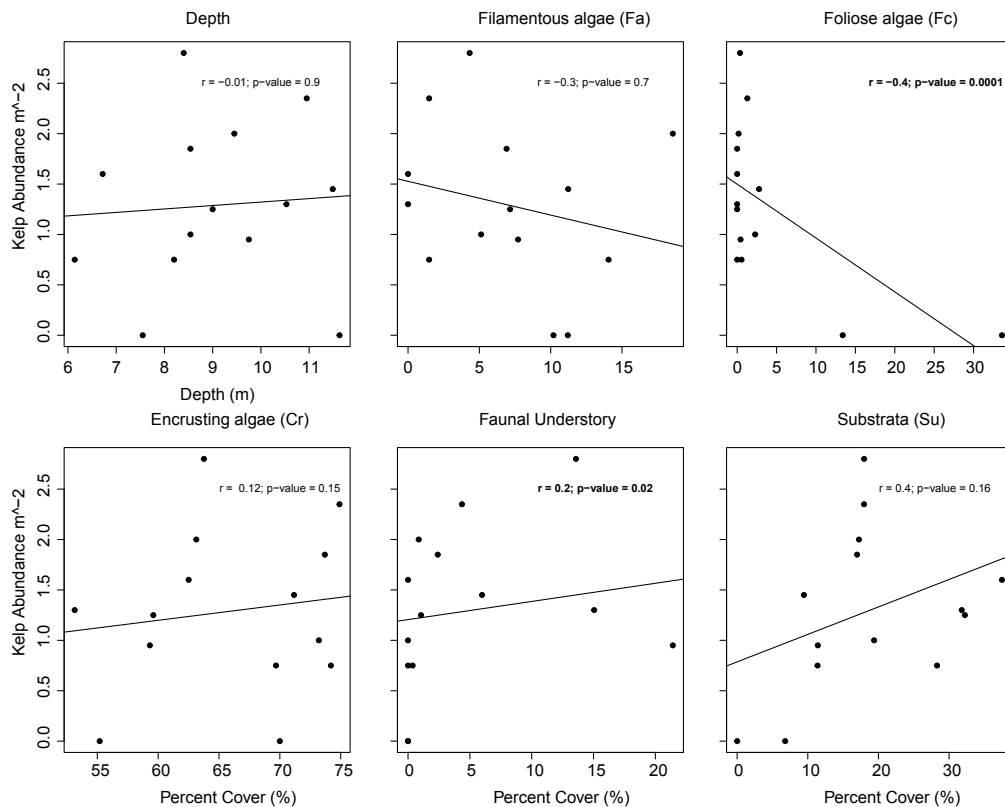


Fig. S2. Spearman-rank correlations between kelp (*Lessonia trabeculata*) abundance and different habitat features at different scale of variation such as (a) transect (b) sites. In bold are statistical significant positive or negative correlations. **In bold** are statistical significant positive or negative correlations. Note that at site level, the percent cover (%) of sponge, ascideans, bryozoans were summed as faunal understory due to their low abundance at some study sites.