

Size overlap in intertidal decapod communities along the Chilean coast

[Superposición de tamaño en comunidades de decápodos a lo largo de la costa chilena]

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The intertidal crustaceans on the Chilean coast are characterized by high diversity and niche specialization. The present study applied a size overlap null model for intertidal decapod communities at four different sites on the Chilean coast. The results revealed that there is a size overlap for the four sites, though body size is significantly different for each location. This means that the reported species would share their ecological niches. The results agree with the first classic environmental descriptions for Chilean intertidal decapods at a local scale and support the observations for similar species on the southern Pacific and southern Atlantic coasts. © 2020 CSIC.

Intertidal decapods

Null models

Rocky shore

Size overlap

body size

community dynamics

crustacean

intertidal environment

niche

Chile

Costa (ostracode)

Crustacea