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The zonation and density of the macromolluscs living in the mangrove swamps of the sand barrier of El Mogote, La Paz, Baja California sur, Mexico

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On the eastern coast of Baja California Sur, a qualitative and quantitative seasonal study of the faunal community associated with the submerged roots of the red mangrove was taken by sampling 5 roots from different areas and preserving them with 10% formaldehyde. Three representative sampling areas were chosen in the inland and border areas of the mangrove with the total area estimated as 200 ha. The monthly sampling was done during August 2007 to July 2008. The Shannon-Wiener Index was used to analyze diversity and evenness of value for these areas. The results showed 12 species of macromolluscs with the dominant species *Saccostrea palmula* and *Anadara tuberculosa*. Further results show the effects of human activity and natural occurrences on the diversity of the areas, thus helping to develop strategies to carefully manage and protect the mangroves.

Palabras clave: Bivalvia, *Anadara*, *Saccostrea*, red mangrove, diversity indexes

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