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Programme and Abstracts of Presentations

Estuarine & Coastal Sciences Association Symposium 48
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<th>P60</th>
<th>Limpet shells at intertidal hydrothermal vents</th>
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<td>Pacheco Couto, R.</td>
<td><a href="mailto:coutoruben@uac.pt">coutoruben@uac.pt</a></td>
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The acidity of seawater in the vicinity of hydrothermal vents is naturally higher due to CO₂ release. Limpets are among the organisms that characterise intertidal zones, and in the Azores can also be found at sites with shallow water hydrothermal activity, where water temperature reaches 35 °C and pH = 6 at low tide. *Patella condei gomesii* (Patellidae) specimens collected under such conditions exhibited weak and almost transparent shells with reduced shell thickness.