



The land-snail diversity in the Madeiran Archipelago is astonishing. Many endemic genera and species of pulmonate snails contribute to creating one of the most interesting evolutionary island models. Nevertheless, a thorough study of evolution, biodiversity and conservation requires the strongest possible taxonomical and systematics foundation.

Despite the fact that the Madeiran and Portosantan land-malacofauna has been intensively studied since the first half of the XVIII Century, a thorough integrative taxonomy approach is still missing for most of the groups to date. This paper, applied to the genus-group *Hystricella* (Geomitridae), combines different methods, namely anatomical and molecular investigations in addition to the “classic” conchology. This approach allowed us to reveal an underestimated biodiversity that led to the description of a new endemic genus and nine recent and fossil taxa.

**REVISION OF THE GENUS-GROUP  
*HYSTRICELLA* R. T. LOWE, 1855 FROM  
PORTO SANTO (MADEIRA ARCHIPELAGO),  
WITH DESCRIPTIONS OF NEW RECENT  
AND FOSSIL TAXA (GASTROPODA,  
HELICOIDEA, GEOMITRIDAE)**

BY  
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*Wollastonia jessicae jessicae* De Mattia, Neiber & Groh, sp. n.

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