MOLECULAR PHYLOGENY AND PHYLOGEOGRAPHY OF THE TWO CLOSELY RELATED SNAIL GENERA *HELICIGONA* & *CAMPYLAEA* (GASTROPODA: PULMONATA) IN GREECE

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Land snails of the genera *Helicigona* and *Campylaea* are highly diversified in Greece with also high levels of endemism. The genus *Helicigona* consists of 17 species, 14 of them are endemic in Greece and three can be found also in Albania. *Campylaea* comprises eight species, of which four are Greek endemics. The species exhibit great morphological and ecological plasticity and inhabit many different habitats from calcareous rocks and maquis to conifer forests and alpine grasslands. This is the first phylogenetic study of these genera, based on partial mitochondrial DNA sequences of the 16S rRNA and COI genes. A total of 80 specimens, belonging to 21 species from 76 localities in Greece, were included. The phylogenetic analyses revealed several discrete lineages that render the necessity of taxonomic re-evaluation of these taxa.