

Chemical properties and assessment of the antioxidant capacity of leaf extracts from populations of *ugni molinae* growing in continental Chile and in Juan fernandez archipelago

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© 2014, International Journal of Pharmacognosy and Phytochemical Research. All rights reserved. *Ugni molinae* Turcz is a Chilean native plant widely distributed in Central South Chile as well as in Juan Fernandez Archipelago. Its fruits are consumed fresh because of its organoleptic properties. Given the importance of the chemical compounds identified from *U. molinae*, it becomes important to know if there are variations in the chemical content and biological activity among populations growing geographically separated, as well as in different habitats, such as those populations that grow in Continental Chile and in Juan Fernandez Archipelago. The aim of this work was to assess the chemical composition and the antioxidant capacity of extracts from populations of *U. molinae* that grow in Continental Chile and in Juan Fernandez Archipelago. Composition of chemical compounds was determined by chromatographic methods (HPLC-ESI-MS). Antioxidant capacity was assessed by means of unspecific method