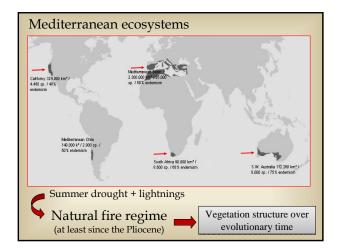
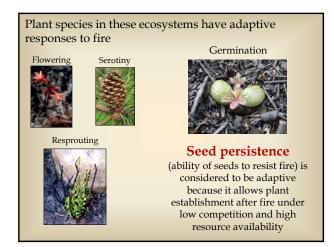
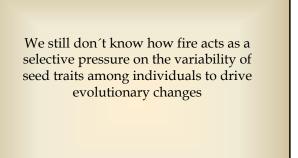


Cristian Torres-Díaz (U. Bio Bio, Chile) Carlos Bustos Schindler (U. Austral de Chile, Chile) Ernesto Gianoli (U. La Serena - U. Concepción, Chile)



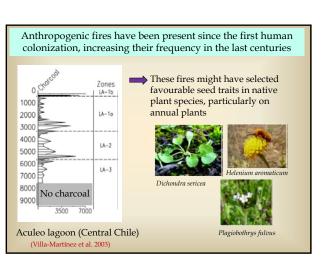




Ecosystems where fire is novel provide an **outstanding** opportunity to explore the evolutionary ecology of seed traits in relation to fire

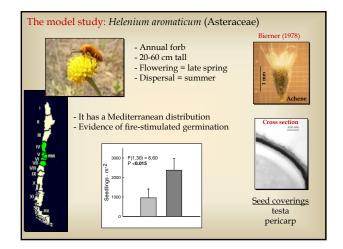


• Fire has not been as relevant in the evolution of the flora as in other Mediterranean-type ecosystems → Little evidence of adaptive seed traits

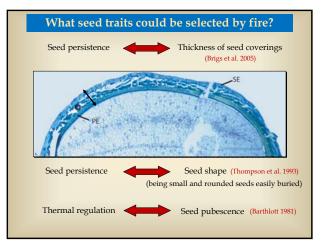


General objective:

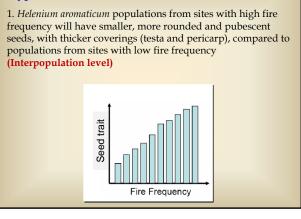
We evaluated the role of fire in the evolution of seed traits from a microevolutionary perspective, using as study system a native forb from the Chilean matorral, where fire is a novel, anthropogenic disturbance.

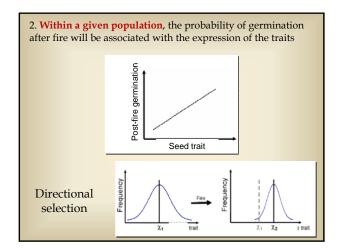


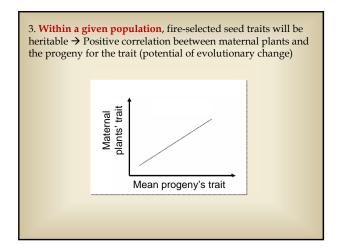


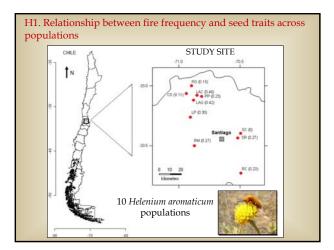


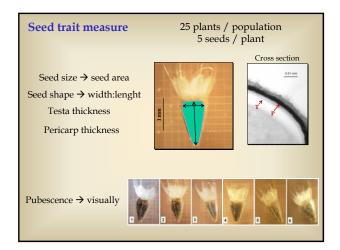
Hypotheses:

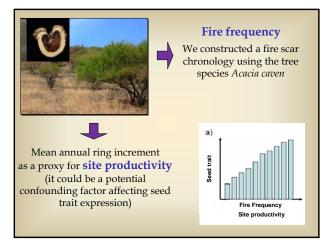


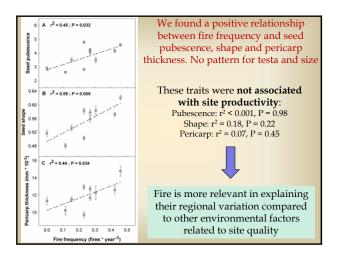


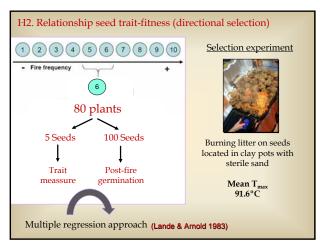


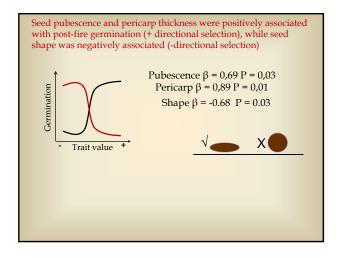


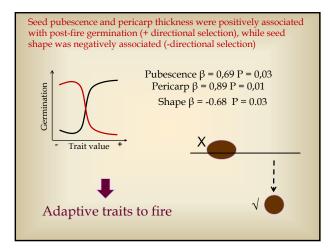


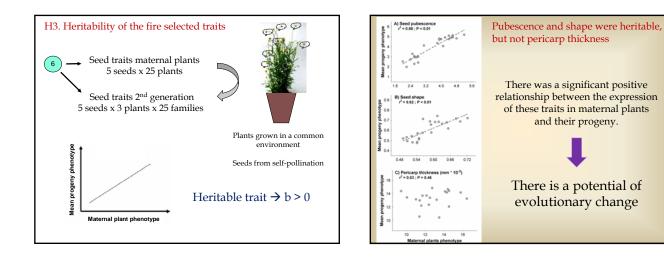














Fire frequency

conditions are given for evolution by natural selection to occur.

