

# Regeneration patterns of *Polylepis subtusalbida* growing with the exotic trees *Pinus radiata* and *Eucalyptus globulus* at Parque Nacional Tunari, Bolivia

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The establishment of exotic trees such as *Pinus radiata* (radiata pine, Pinaceae) and *Eucalyptus globulus* (eucalyptus, Myrtaceae) in fragments of native vegetation at the Parque Nacional Tunari (PNT, Cochabamba-Bolivia), can affect the regeneration of the native species that live there.

*Polylepis subtusalbida*'s (kewiña, Rosaceae) regeneration was surveyed, evaluating the density of seedlings, their size structure, and growth forms, as well as variables of growth and survival in fragments of pure forests (*P. subtusalbida* fragments without exotic trees) and mixed fragments (*P. subtusalbida* fragments with exotic trees). Sixty-four permanent study plots were established in mixed fragments of *P. subtusalbida*-*P. radiata*, *P. subtusalbida*-*E. globulus* and fragments with only *P. subtusalbida*, in three locations within the Parque Nacional Tunari. Mixed fragments with both native and exotic trees and native pure fragments did not present differences in seedling density.

Differences in density were