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Seed germination of a South American forest tree described by linear thermal time models

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Declarations of interest: none

Vitae

L. Felipe Daibes: PhD in Plant Biology, interested in seed germination, thermal time modelling and development of tropical legume species

Victor J.M. Cardoso: Retired Professor from the Universidade Estadual Paulista, has contributed to seed dormancy and germination studies of many species from Brazilian ecosystems. Principal interests related to effects of light, water relations, temperature dependence and germination modelling

Abstract

Thermal time models may describe and compare seed germination, providing information useful to explain species distribution. However, the capacity of such threshold models to describe germination of tropical native species has been less studied. We evaluated seed germination of a legume tree species (*Peltophorum dubium*), typical from South American seasonal forests, as described by two linear thermal time models: probit model and graphic model. Seeds were provided

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