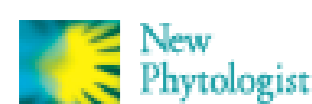


Pesquisas recentes



Leaf traits explaining the growth of tree species planted in a Central Amazonian disturbed area

Zilza Thayane Matos Guimarães^a, Victor Alexandre Hardt Ferreira dos Santos^a, Wanda Lemos Paixão Nogueira^b, Narrúbia Oliveira de Almeida Martins^c, Marciel José Ferreira^{c*}



Embolism resistance drives the distribution of Amazonian rainforest tree species along hydro-topographic gradients

Rafael S. Oliveira¹, Flavia R. C. Costa², Emma van Baalen^{2,3}, Arjen de Jonge^{2,3}, Paulo R. Bittencourt¹, Yanina Almanza⁴, Fernanda de V. Barros¹, Edher C. Cordoba², Marina V. Fagundes⁵, Sabrina Garcia², Zilza T. M. Guimarães⁶, Mariana Hertel⁷, Juliana Schietti², Jefferson Rodrigues-Souza² and Lourens Poorter^{2,3}



plant biology

RESEARCH PAPER

Herbivory and leaf traits of Amazonian tree species as affected by irradiance

D. Coelho da Silva¹, Z. T. M. Guimarães², V. A. H. Ferreira dos Santos², A. Grandis³, C. E. Palacios³ & M. J. Ferreira¹

New Forests

<https://doi.org/10.1007/s11056-021-09890-x>

Short-term effects of phosphorus fertilization on Amazonian tree species in a mixed plantation

Alaide de Oliveira Carvalho¹, André Henrique Bueno Neves¹, Matheus Luvison², Zilza Thayane Matos Guimarães², Victor Alexandre Hardt Ferreira dos Santos³, Marciel José Ferreira⁴

Tema de pesquisas atuais

Motivation: Understand the behavior of native Amazon species to stress factors and define silvicultural practices that improve performance in plantations.

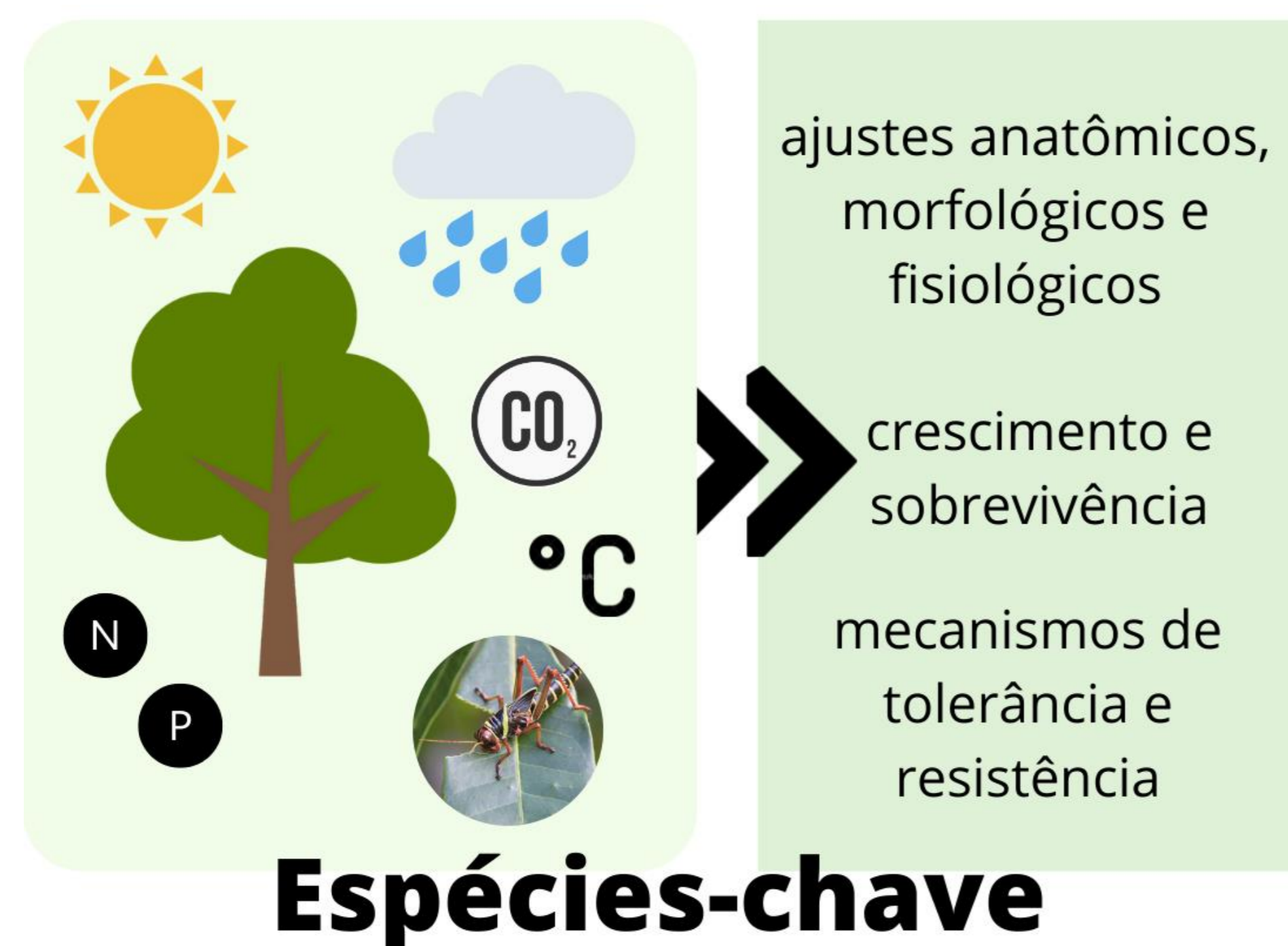
Seedling quality and short-term field performance of three Amazonian forest species as affected by site conditions.

Short-term responses of tree native species to site conditions after mining in the Central Amazon.

Inter-specific variation in functional performance of Amazonian tree species to drought stress and recovery.

Embolism resistance of three Amazonian forest species in plantation conditions.

Interesse em pesquisas futuras



Mecanismos de tolerância das espécies amazônicas à combinação de diferentes fatores de estresse

Como as respostas variam de acordo com as características das espécies (grupo sucessional, habitat, etc)

Proposição de modelos de plantios tropicais mais resilientes às mudanças ambientais

Aplicação dos resultados em florestas naturais