

Gliding into conservation: Integrating phylogenetic, functional and spatial metrics to optimizing the safeguarding of biodiversity in Phyllomedusidae frogs

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INTRODUCTION

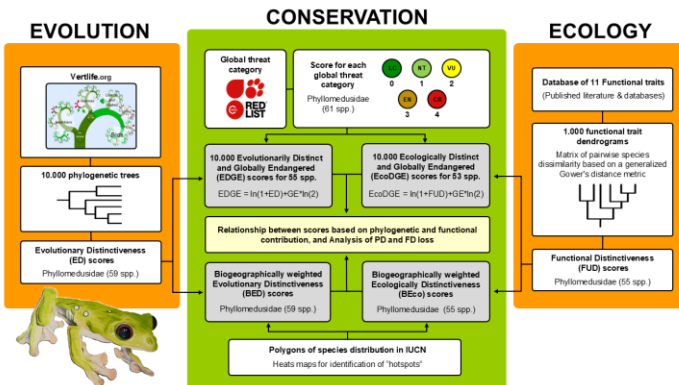
The accelerated loss of biodiversity in relation to limited resources demands prioritizing efforts for species and areas with high conservation value. Anurans, with over 40% of species at risk, can be considered as priority in conservation. Among them, Phyllomedusidae frogs, restricted to the Neotropics, are highly charismatic and currently lack comprehensive conservation assessments.



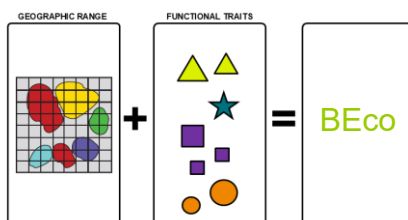
OBJETIVES

Establish a conservation prioritization framework for Phyllomedusidae species through the integration of metrics encompassing multiple dimensions of biodiversity

METHODS

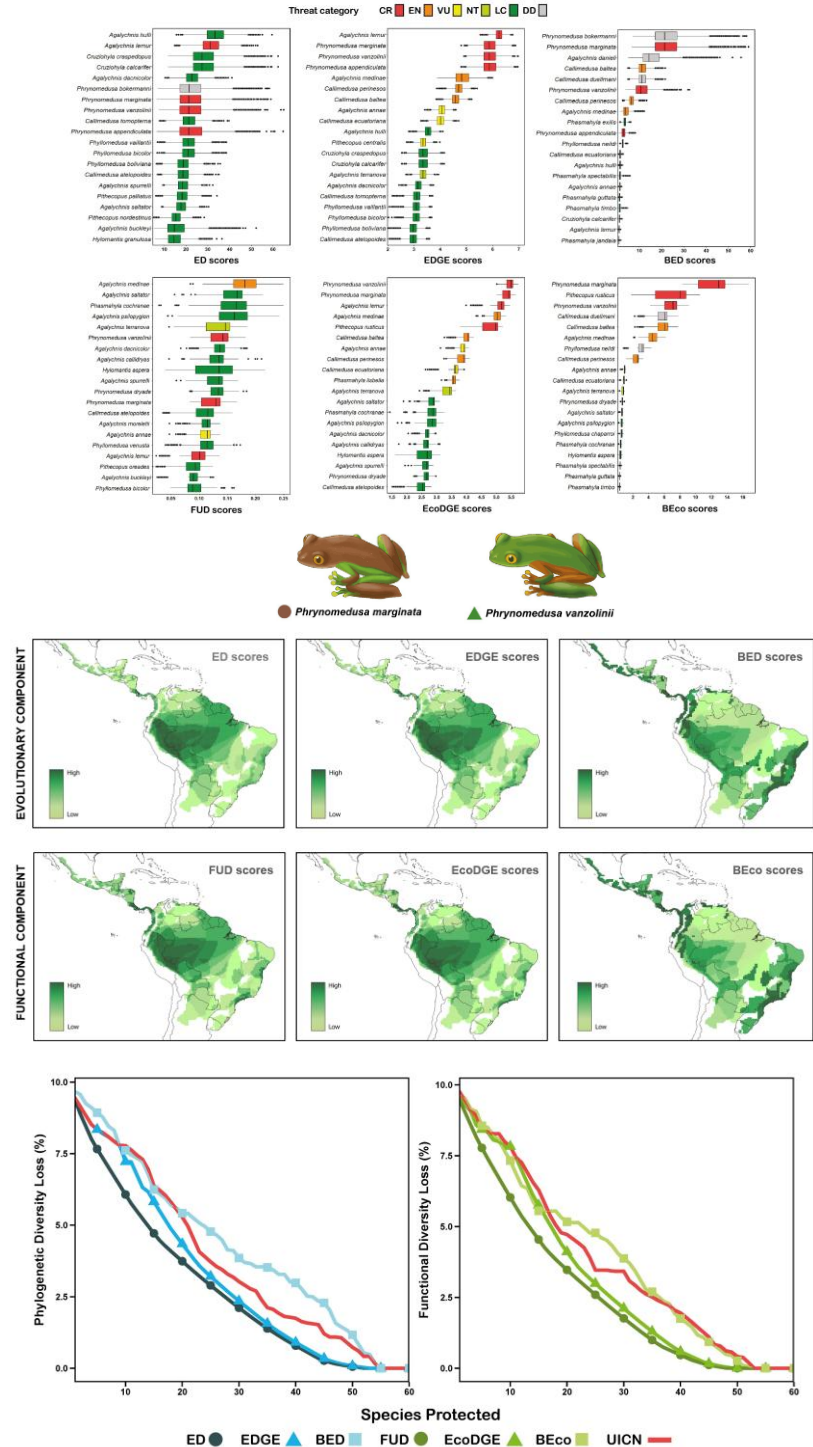


NEW METRIC



Analysis of Phylogenetic Diversity and Functional Diversity gains

RESULTS AND DISCUSSION



Effective conservation requires going beyond risk-based and species-number strategies toward integrative approaches that combine phylogenetic, functional, and biogeographic perspectives

ACKNOWLEDGMENTS



Literature:

