

## **Incorporating phylogenies to improve conservation priorities**

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Incorporating evolutionary history into conservation decision making has been explored for several years now. Nevertheless, there are still debates on the additional information global phylogenetic diversity has to contribute when compared to species richness or trait diversity. Furthermore, it is not trivial to incorporate large-scale phylogenetic data with human alterations to the environment, per-species conservation targets, and formal prioritizations. In my talk I will try to explore several recent advances pertaining to these questions from a viewpoint of a conservationist interested in evolutionary patterns.