

EcoEncontros Convida:

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“Macroecology of mutualistic plant-animal networks”



**18 de março às 13 horas
AG da Zoologia**

“The structure of species interaction networks is important for species coexistence, community stability and exposure of species to extinctions. Specialization, modularity and nestedness are often interpreted as evolutionary ecological structures that may have relevance for community persistence and resilience against perturbations, such as climate-change and human impact. Therefore, both current ecological, historical and evolutionary factors could therefore influence these network structures. I am presenting a range of studies testing this using a macroecological approach on mutualistic pollination and frugivore networks. These studies show that ecological, historical and evolutionary signals are evident in pollination networks, whereas large-scale spatial variation in frugivorous networks predominantly seems determined by current ecological factors.”