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*Panel 1.6: Sustainable Practices*

**Food Resources of the *Paradisaea Raggiana* Along Tropical Forest Corridors Within a Savannah Landscape**

The Raggiana Bird-of-Paradise (BOP) is a highly desired bird species with its colorful plumage and cultural importance. Despite previous research, almost nothing is known about the *Paradisaea raggiana's* (*P. raggiana*) re-introduction along a tropical forest corridor.

This study examines and compares known food resources of the *P. raggiana* at Varirata National Park (VNP) and Whisky Creek (WC) to see how the *P. raggiana* would fare if forest corridors were conserved. Belt transect methods were used consisting of twenty plots, measuring 50x20 meters with tree species above two meters collected and identified.

Results show that food resources availability at VNP and WC are very similar across sites; the difference lies in floristic composition and abundance of food resources between sites. At VNP the Meliaceae *Dysoxylum sp.* was abundant which the *P. raggiana* likes to feed on predominantly, while WC has abundance of Moraceae *Ficus sp.* and Myrtaceae *Syzygium sp.*