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Plant species composition, richness, and diversity in the palm swamps (veredas) of

Central Brazil

Running title: Palm swamp diversity and composition

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Highlights

• The flora of geographically distant sites was more distinct than those of

neighbouring sites.

• The different sites of the palm swamps shared relatively few species.

• All the sites had exclusive species.

• Apparently homogenous palm swamps are floristically heterogeneous.

ABSTRACT

Palm swamps (veredas) are floristically diverse wetlands that occur in the typical dry

savannah of Central Brazil (Cerrado). In the present study, we evaluated the distribution

of plants among different palm swamps (Mauritia flexuosa palm swamps), focusing on

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