

COLOR PREFERENCES OF FLOWER VISITORS IN 'EL IMPENETRABLE' NATIONAL PARK, CHACO, ARGENTINA.

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INTRODUCTION

"El Impenetrable" National Park is an extensive protected area located in northern Argentina, in the province of Chaco. This region harbors a great diversity of organisms and habitats, with a good state of conservation of its native flora and fauna.

The aim of this study is to investigate the preferences of various floral visitors with respect to color and to provide an overview of the insect biodiversity within the park.

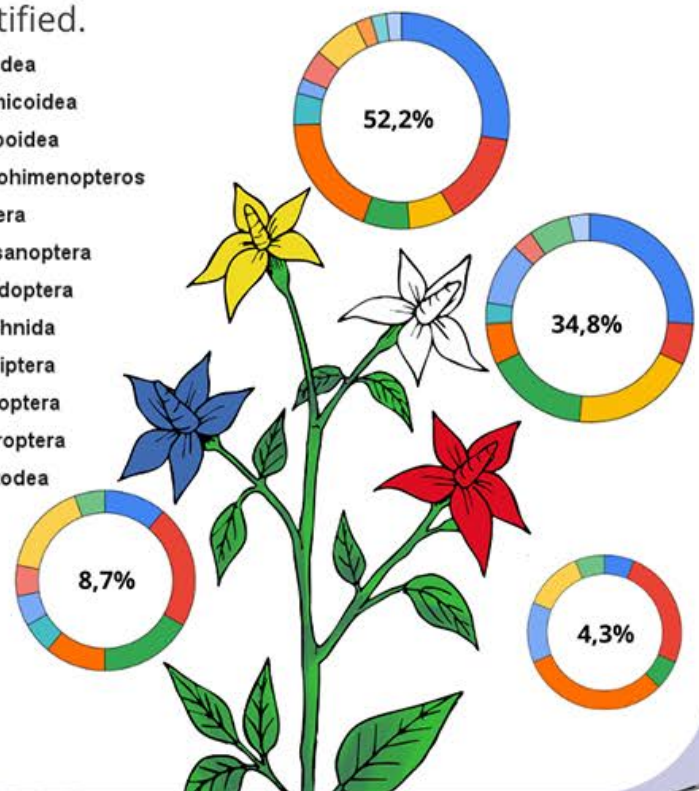
METHOD

More than 100 specimens from various arthropod orders were collected using 80 pan traps in blue, white, red, and yellow colors distributed throughout the park. The specimens were then transported to the laboratory for classification. They were classified using taxonomic keys to identify families and genera.

RESULTS

As preliminary results, nine insect orders were identified.

- Apoidea
- Formicoidea
- Vespoidea
- Microhimenopteros
- Diptera
- Thysanoptera
- Lepidoptera
- Arachnida
- Hemiptera
- Orthoptera
- Neuroptera
- Blattodea



CONCLUSION

The results indicate that different groups of insects exhibit clear preferences for specific trap colors, reflecting their behavior in relation to the flowers they visit. It demonstrated that pan traps are an effective method for recording the color preferences of floral visitors.

REFERENCE

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