

RESEARCH ARTICLE

Birds vs bricks: Patterns of species diversity in response to urbanization in a Neotropical Andean city

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different cardinal directions) using the

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Moreover, the Beta-diversity index showed that the bird species composition between the two habitats differed only around a 29%: D (H

to that expected for the third objective; that is, both in the urban and rural habitats, there was a similar species composition among sites with similar or dissimilar habitat characteristics.

Higher diversity in rural habitats compared to urban habitats is a widespread pattern found across taxa in both tropical and temperate regions [27, 82±86]. This pattern has been

pauciflora are used as road separators, in gardens, and in parks; however, we do not know about studies testing whether these species offer similar resources to birds than native plants in our study area. At this point, it is important to highlight that the diversity of birds was higher in rural habitats than urban habitats in spite that we sampled more months in the latter.

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Conceptualization: Juan David Carvajal-Castro, Ana María Ospina-L, Fernando Vargas-Salinas.

Data curation: Juan David Carvajal-Castro, Ana María Ospina-L, Fernando Vargas-Salinas.

Formal analysis: Juan David Carvajal-Castro, Fernando Vargas-Salinas.

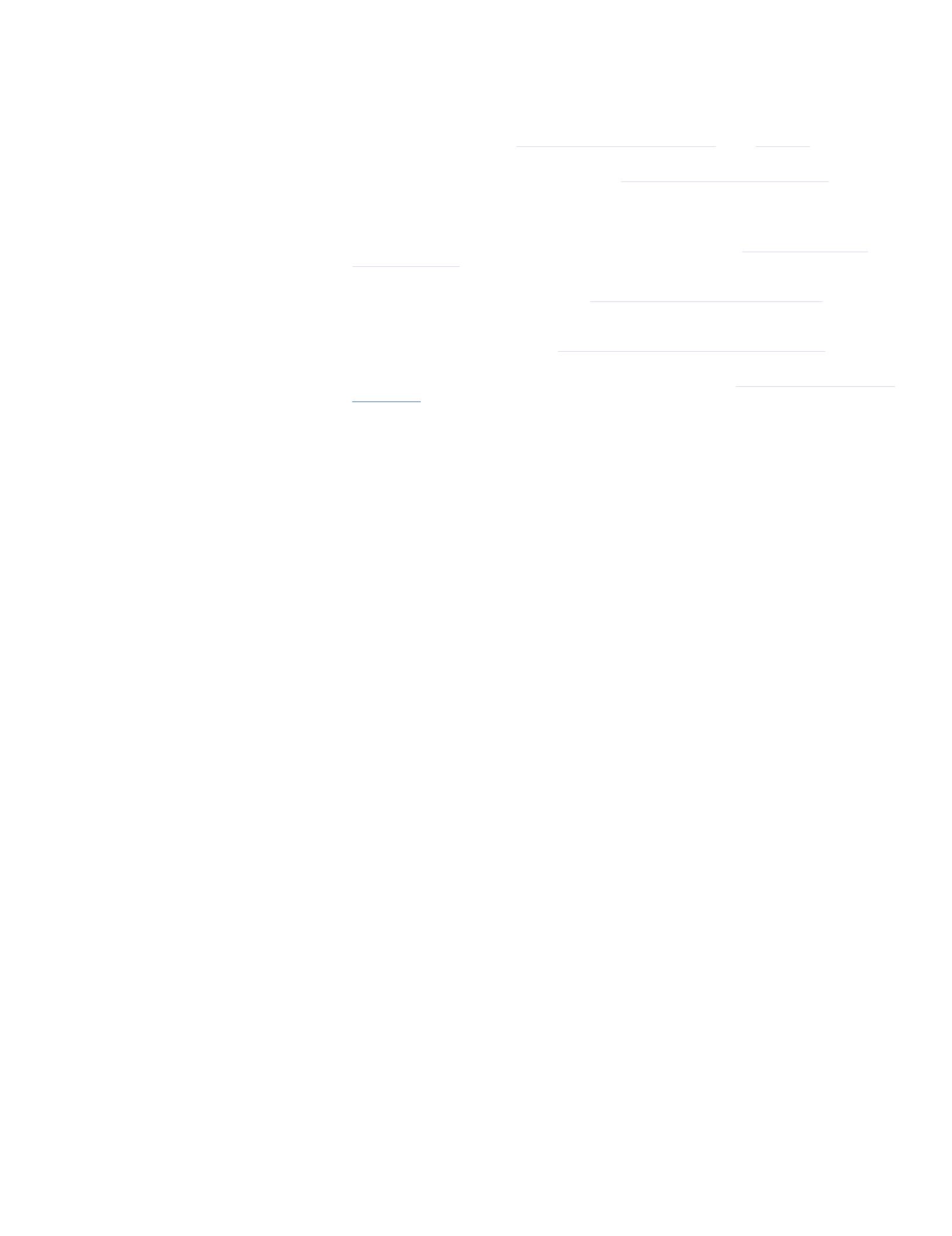
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