

Project Update: February 2021

First results:

- A total of 70 species were identified in native and eucalyptus forests. Of these, 62 species occurred in the native forest, 32 in eucalyptus plantations.
- Richness and abundance were higher in the native forest, differing significantly from the eucalyptus plantations, and between plantations, the results of richness and abundance of birds were similar.
- Some birds classified as native-forest specialists:
 - The olivaceous woodcreeper (*Sittasomus griseicapillus*).
 - The black-banded woodcreeper (*Dendrocolaptes picumnus*).
 - The common bush tanager (*Chlorospingus flavopectus*)
 - The Antillean euphonia (*Euphonia musica*).
 - The golden-olive woodpecker (*Colaptes rubiginosus*).
 - Slender-tailed woodstar (*Microstilbon burmeisteri*).
- Some birds classified as common species in eucalyptus forest (generalist birds):
 - The rufous-collared sparrow (*Zonotrichia capensis*).
 - The rufous horned (Furnarius rufus).
 - The house sparrow (*Passer domesticus*).
 - The Picui ground dove (*Columbina picui*).
 - The shiny cowbird (*Molothrus bonariensis*).
- The native forest showed higher richness and abundance, and a different bird species composition compared to the eucalyptus plantations, and in eucalyptus plantation generalists bird predominated.
- Bird species most affected by eucalyptus exotic plantations:
 - Frugivorous birds.
 - Woodpeckers.
 - Cavity nesting birds.
 - Hummingbirds.



Woodpecker



The rufous-collared sparrow (*Zonotrichia capensis*) in Eucalyptus plantations



Eucalyptus plantation