

Hacienda Guáquira, Yaracuy, Venezuela

Strigiformes of the Guáquira river sub-basin

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The Guáquira river basin includes agro-productive savannas, humid tropical forest in its lower areas and cloud forest towards the highest heights and crests of Zapatero Hill (1.450 m)[1]. It includes a protected area, the Protective Zone Macizo de Nirgua[2], and almost totally overlaps with the hacienda Guáquira, a property that promotes some conservation efforts. It covers about 40 km² and is located at coordinates UTM 19P 537707 1138339 in proximity to the populated centers of La Marroquina, Charaguao and Aguacatal, within the San Felipe municipality of Yaracuy state.

This field guide is part of the project Ecology and current conservation status of Strigiformes of hacienda Guáquira, San Felipe, Yaracuy state, Venezuela^[3], carried out between 2017-2018. During the execution of the project, five species of Strigiformes were recorded: Tropical Screech-Owl (*Megascops choliba*), Vermiculated Screech-Owl (*M. noronhaiensis*), Mottled Owl (*Ciccaba virgata*), Black-and-white Owl (*C. nigrolineata*) and the Spectacled Owl (*Pulsatrix perspicillata*). Subsequently, the record of the Ferruginous Pygmy-Owl (*Glaucidium brasilianum*) and Barn Owl (*Tyto alba*) has been added.



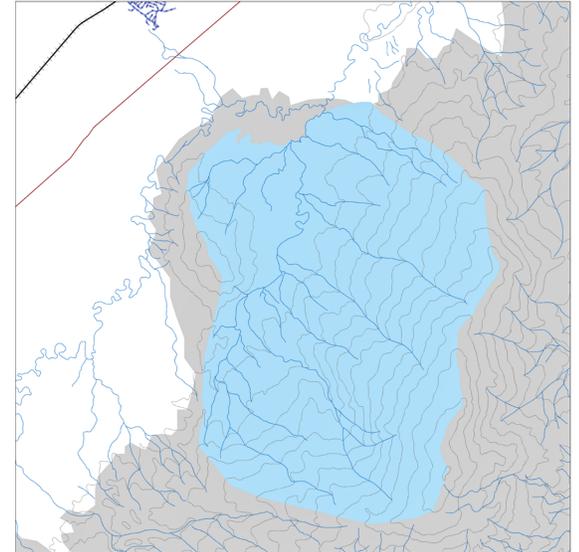
Relative national location



Relative regional location

Legend

- Railroad
- Pipeline
- Populated center
- Hydrography
- Level curves
- Guáquira river basin
- Protective Zone Macizo de Nirgua



0 0.75 1.5 3 Kilometers



1 *Fragmented landscape*



2 *Tree savanna*



3 *Live fences*



4 *Humid tropical forest*



5 *Humid tropical forest*



6 *Cloud forest*

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7 *Glaucidium brasilianum*
STRIGIDAE



8 *Glaucidium brasilianum*
STRIGIDAE



9 *Megascops choliba*
STRIGIDAE



10 *Megascops roraimae*
STRIGIDAE



11 *Ciccaba virgata*
STRIGIDAE



12 *Ciccaba nigrolineata* (juv.)
STRIGIDAE



13 *Ciccaba nigrolineata*
STRIGIDAE



14 *Pulsatrix perspicillata* (juv.)
STRIGIDAE



15 *Pulsatrix perspicillata*
STRIGIDAE



16 *Pulsatrix perspicillata*
STRIGIDAE



17 *Tyto alba* (juv.)
TYTONIDAE



18 *Tyto alba*
TYTONIDAE

Resources:

1. Rivero-Blanco, C. (2004). Reserva Ecológica Guáquira (REG) y Estación Ecológica Guáquira (EEG), Estado Yaracuy, Venezuela. Plan Operativo Anual. Caracas, Venezuela.
2. Venezuela (1992). Plan de Ordenamiento y Reglamento de Uso de la Zona Protectora del Macizo de Nirgua. Decreto N° 2317 de 05 de Junio de 1992.
3. Torres, M.A. (2020). Ecología y estado de conservación actual de los Strigiformes de la Hacienda Guáquira, San Felipe, Estado Yaracuy, Venezuela. Spizaetus 29 (1). 33-43. <http://guaquira.net/images/Estudios/AVES-Spizaetus-29-STRIGIFORMES%20GUAQUIRA-2020-06-19.pdf>