

Avian speciation in tropical South America, with a systematic survey of the toucans (Ramphastidae) and jacamars (Galbulidae)

Club - Vol. 24, No. 1, Mar., 1975 of Systematic Zoology on JSTOR

Description: -

Currency question -- Brazil.
Art, African -- Exhibitions
Steel, Stainless -- Congresses
Chemistry -- Juvenile literature.
Simenon, Georges, 1903- -- Settings.
Simenon, Georges, 1903- -- Characters.
Simenon, Georges, 1903- -- Stories, plots, etc.
Pregnancy complications.

Obstetrics.

Genital diseases, Female.

Emergencies.

Obstetrical emergencies.

Gynecologic emergencies.

Radioactive waste disposal -- Russia (Federation) -- Ural Mountains

Region.

Prescription writing.

Chess -- Rules.

World Chess Federation.

Birds -- South America -- Classification.

Birds -- Speciation -- South America.

Jacamars.

Toucans. Avian speciation in tropical South America, with a systematic survey of the toucans (Ramphastidae) and jacamars (Galbulidae)

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no. 14.

Publications of the Nuttall Ornithological Club ;

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Notes: Bibliography: p. 349-390.

This edition was published in 1974

Table 1 - Cyt b and 12S rDNA sequences of taxa analyzed in the present study.			
Species	Taxonomic unit	GenBank accession number	
		Cyt b gene	12S rDNA gene
<i>Andigena laminirostris</i>	Ramphastidae	AF100555	AF255997
<i>Aulacorhynchus prasinus</i>	Ramphastidae	AF100550	AF25598
<i>Balionyx poliocephalus</i>	Ramphastidae	AF100553	AF255999
<i>Pteroglossus beauharnaesii</i>	Ramphastidae	AF100551	AF255980
<i>Selenidera maculirostris</i>	Ramphastidae	AF100552	AF255981
<i>Ramphastos toco</i>	Ramphastidae	AF100554	AF255982
<i>Ramphastos sulfuratus</i> ¹	Ramphastidae	AF12322	AF255903
<i>Capito dayi</i> ²	Capitoninae	AF12325	AF255904
<i>Melanerpes carolinus</i>	Picidae	U89912	U8929
<i>Sphyrapicus varius</i>	Picidae	U89913	U8928
<i>Craugastor berlepschi</i> ³	Crociduridae	AF163468	AF16344
<i>Gallus gallus</i> ⁴	Phasianidae	X32992	X32992

1: cyt b (Lanyon & Hall, 1994) and 12S rDNA (present work).

2: cyt b (Barker & Lanyon, 2000) and 12S rDNA (present work).

3: both cyt b and 12S rDNA (Pereria et al., 2002).

4: complete genome (Desjardins and Morais, 1990).

Tags: #Ramphastos #citreolaemus

Ecological niches and present and historical geographic distributions of species: a 15

The content may be subject to additional conditions. Conservation Land Management CLM is a quarterly magazine that is widely regarded as essential reading for all who are involved in land management for nature conservation, across the British Isles. Such hypotheses can guide sampling, and also can assist in

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interpretation of results: phylogeographic breaks in the midst of continuous potential distributional areas are far more interesting than those that coincide with distributional disjunctions Tocchio et al.

The Correct Name of the Curl

These findings collectively suggest not only that habitat diversity may impose a ceiling on the number of individuals and species available for colonization in any given quadrat but that the relationship between local and regional species richness in continental landscapes depends on local and regional habitat diversity,. This broad achievement is well illustrated by the table of contents of this special issue.

Readers' wildlife photos

The graphical approach embodied by assemblage dispersion fields bears similarities to the isodensity maps developed by Rapoport ; however,



proportional transformation of species richness maps to create isodensity projections removes crucial information pertinent to the discussion of biotic assembly. The area of 1° quadrats varies from 12,308 km² equator to 7,036 km² 56°S within South America.

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Avian Speciation in Tropical South America With a Systematic Survey of the Toucans Ramphastidae and Jacamars Galbulidae. Much more detail has been offered about these considerations in two recent booklength treatments of ENM approaches ,. For example, many researchers have fallen into the temptation to derive occurrence data for ENM analyses by plotting random points within polygons representing summaries of biological distributions; for example, a recent analysis of distributions of seasonally dry tropical forests in South America failed to find evidence of expansion of these habitats under glacial maximum conditions ; while such may indeed be the case it is a matter of debate , the coarse and uncertain nature of the occurrence data used in that analysis represent a serious limitation and impediment to interpretation of their results.

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Readers' wildlife photos

On the basis of his studies on the bird fauna, he wrote several papers on ornithology and applied the theory of to the development of the enormous the the Amazon basin.

Ramphastos citreolaemus

The Smithsonian Research Opportunities Fund supported G.

Caracas

The only wild macaws I have seen were in Costa Rica— different species from Caracas.

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