

tropical ecology

CONTENTS

- The role of the regeneration niche for the vertical stratification of vascular epiphytes
Katrin Wagner, Wiebke Bogusch & Gerhard Zotz 277
- Use of stable isotope ratios to characterize potential shifts in the isotopic niches of grazing insects following an amphibian decline in a Neotropical stream
Thomas R. Barnum, Piet Verburg, Susan S. Kilham, Matt R. Whiles, Karen R. Lips, Checo Colón-Gaud & Catherine M. Pringle 291
- Long-term performance and herbivory of tree seedlings planted into primary and secondary forests of Central Amazonia
Julieta Benítez-Malvido & Miguel Martínez-Ramos 301
- Effects of shade cocoa plantation on artificial fruit consumption by birds in two contrasting landscapes in Southern Bahia, Brazil
Jamille de Assis Bomfim, Roberta Mariano Silva, Virgínia de Fernandes Souza, Edyla Ribeiro de Andrade & Eliana Cazetta 313
- Forest fragmentation and edge effects on the genetic structure of *Clusia sphaerocarpa* and *C. lechleri* (Clusiaceae) in tropical montane forests
Amira Apaza Quevedo, Matthias Schleuning, Isabell Hensen, Fransisco Saavedra & Walter Durka 321
- Landscape and patch attributes impacting medium- and large-sized terrestrial mammals in a fragmented rain forest
Adriana Garmendia, Víctor Arroyo-Rodríguez, Alejandro Estrada, Eduardo J. Naranjo & Kathryn E. Stoner 331
- The value of remnant trees in pastures for a neotropical poison frog
Darvé Robinson, Adrienne Warmsley, A. Justin Nowakowski, Kelsey E. Reider & Maureen A. Donnelly 345
- Short Communications*
- Vertebrate pollination of the endemic *Trochetia granulata* (Malvaceae) on Réunion
Timothée Le Péchon, Mickaël Sanchez, Laurence Humeau, Luc D.B. Gigord & Li-Bing Zhang 353
- Global distribution of root climbers is positively associated with precipitation and negatively associated with seasonality
Jaqueline Durigon, Sandra Milena Durán & Ernesto Gianoli 357
- Effect of rainfall seasonality on the growth of *Cecropia sciadophylla*: intra-annual variation in leaf production and node length
Paul-Camilo Zalamea, Carolina Sarmiento, Pablo R. Stevenson, Manuel Rodríguez, Eric Nicolini & Patrick Heuret 361