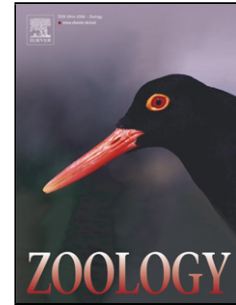


Accepted Manuscript

Title: Ontogenetic Changes in the Diet and Head Morphology of an Omnivorous Tropicidurid Lizard (*Microlophus thoracicus*)

Authors: Ken S. Toyama, Karina Junes, Jorge Ruiz, Alejandro Mendoza, Jose M. Pérez



PII: S0944-2006(18)30012-6
DOI: <https://doi.org/10.1016/j.zool.2018.06.004>
Reference: ZOOL 25652

To appear in:

Received date: 24-1-2018
Revised date: 14-6-2018
Accepted date: 18-6-2018

Please cite this article as: Toyama KS, Junes K, Ruiz J, Mendoza A, Pérez JM, Ontogenetic Changes in the Diet and Head Morphology of an Omnivorous Tropicidurid Lizard (*Microlophus thoracicus*), *Zoology* (2018), <https://doi.org/10.1016/j.zool.2018.06.004>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Ontogenetic Changes in the Diet and Head Morphology of an Omnivorous Tropicid Lizard (*Microlophus thoracicus*).

Ken S. Toyama^{a,b}, Karina Junes^b, Jorge Ruiz^b, Alejandro Mendoza^b, Jose M. Pérez^b.

a. Department of Ecology and Evolutionary Biology, University of Toronto, Toronto, Ontario, M5S 3B2 Canada

b. Laboratorio de Estudios en Biodiversidad (LEB). Universidad Peruana Cayetano Heredia. Av. Honorio Delgado 430, Urb. Ingeniería, S.M.P. Lima - Peru.

Corresponding author: Ken S. Toyama

Address: Department of Ecology and Evolutionary Biology, University of Toronto. 25 Willcocks Street 3041, Toronto, Ontario, Canada M5S 3B2

Email ken.toyama@mail.utoronto.ca

HIGHLIGHTS

- Herbivory is rare among squamates and is restricted to lizards.
- Different head shapes can allow for the consumption of different food items.
- Parallel shifts in diet and head morphology occur in a semi-herbivore lizard.
- Herbivorous lizards showed more robust heads when compared to insectivore congeners.

Download English Version:

<https://daneshyari.com/en/article/8626927>

Download Persian Version:

<https://daneshyari.com/article/8626927>

[Daneshyari.com](https://daneshyari.com)