



# ProCAT Internacional / Sierra to Sea Institute Costa Rica 2018 Report



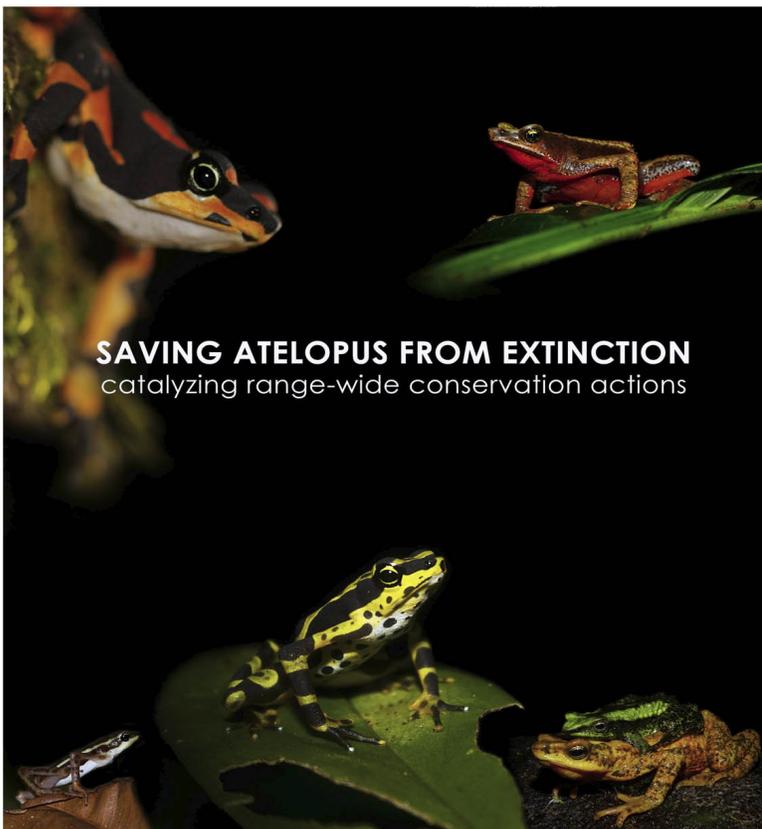


## Implementation of Jaguar Friendly coffee

We released the 2nd batch of Jaguar Friendly coffee from our study area. Also, we are searching for new alliances with neighboring farms

## Participation in the workshop to protect Central America's five largest wild places

We make part of the alliance that aims to monitor of health status of Central America's five largest forests. The project is led by Wildlife Conservation Society and financed by US Fish and Wildlife Service.



**SAVING ATELOPUS FROM EXTINCTION**  
catalyzing range-wide conservation actions

## Organization to carry out the most important workshop of Harlequin Frogs specialists to catalyze range-wide conservation actions

Together with Global Wildlife Conservation we are organizing a regional meeting to gather all the Harlequin Frog specialists in order to standardize proceedings and prioritized conservation actions.



## Participative monitoring: citizen science

We have facilitated the tools and skills to interested local persons in order to obtain biological data and involve the community in conserving the environment they make part of

## Nursery for the reforestation of the Cotón river basin

We have started a nursery to plant native trees' seedlings to reforest disturbed riverbank areas, in order to increase Harlequin Frog reproduction area



ESTADO DE CONSERVACIÓN DEL JAGUAR  
(*Panthera onca*) EN COSTA RICA A TRAVÉS DE LA  
INTEGRACIÓN DE DATOS DE REGISTRO DE LA  
ESPECIE Y MODELAJE DEL HABITAT IDÓNEO.

Febrero 2018

## Participation during workshops and analysis about the assessment of the Jaguar's conservation status in Costa Rica

We participated as stakeholders in the governmental initiative to enhance collaboration between organizations and researchers to protect the Jaguar in Costa Rica



## Monitoring Harlequin frog (*Atelopus varius*) population and threats in the Cotón river

Continuous fieldwork and analysis, necessary to identify any change in the population and act accordingly and in time in order to prevent any drastic population declines

## Management assessment of coffee plantations regarding mammal conservation

In neighboring farms, we started to survey mammals in order to gain new allies for wildlife conservation and connectivity in the Amistosa Biological Corridor. It's the next step to implement Jaguar Friendly Certification after the pilot in our study area in Las Alturas



## Occupancy monitoring for threatened mammals (White-lipped peccary, Baird's Tapir and Jaguar)

Using camera trap data, we have estimated occupancy for these species in order to have useful parameters to implement short and long-term actions in our study area and the Amistosa Biological Corridor

# Community work

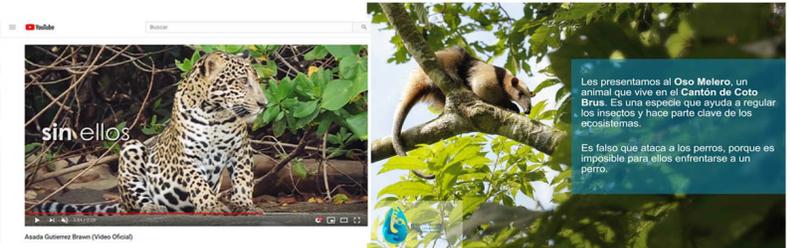
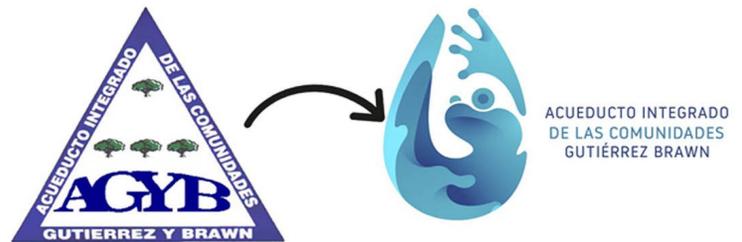


## Identifying threats and conservation needs in the Cotón river

Local citizens have identified, prioritized and mapped threats, considering their knowledge of the area. The conservation actions are designed according to the specific needs of the area and implemented with the help of citizens that have been involved in the process

## Communication strategy and community empowerment

We have implemented the amphibians as flagship species. The aqueduct's logo was changed and interested community members have started their own initiatives including amphibians and protection of their habitat. Also, we inform local citizens about the wildlife they coexist with through social networks



## Pilots to implement an environmental education program

We have initiated some activities of environmental education, to test the contents, ways of evaluation of success and the pedagogical strategies used



## Elusive Wild Dog Caught on Camera in Surprising Place

Jan Schipper was hoping for jaguars as he reviewed grainy photographs from camera traps set up around Costa Rica's Talamanca Mountains.



## Laboratorio de la UNED fabricó ranita arlequín en 3D para entender comportamiento de la especie

Ese hallazgo es en parte responsable de que el Proyecto de Conservación Aguas y Tierras (Procat), una organización no gubernamental, se dedicara a estudiar el comportamiento de esta ranita y luego, se acercara a Kã Träre en la UNED.



## El jaguar encuentra un aliado inesperado en el café

Jaguar Friendly es una iniciativa económica y ambiental para proteger la biodiversidad. Se busca asegurar tanto la restauración del hábitat del animal como la mejora de las condiciones económicas de las comunidades.



## Drink Coffee, Save a Jaguar, Thanks to Press' Pura Vida Blend

LAUREN CUSIMANO | DECEMBER 12, 2018 | 6:30AM



## Latam Eco Review: Harlequin frogs, sustainable ranching, and miracle coral

by Mongabay.com on 3 August 2018 |



# Scientific communication

STUDIES ON NEOTROPICAL FAUNA AND ENVIRONMENT, 2018  
<https://doi.org/10.1080/01650521.2018.1460931>



## From hope to alert: demography of a remnant population of the Critically Endangered *Atelopus varius* from Costa Rica

José F. González-Maya <sup>a,b</sup>, Diego A. Gómez-Hoyos <sup>c</sup>, Ivan Cruz-Lizano <sup>a</sup> and Jan Schipper <sup>a,c</sup>

Neotropical Biology and Conservation  
13(1):17-23, January-March 2018  
Unisinos - doi:

## Interaction behavior and vocalization of the baird's tapir *Tapirus bairdii* from Talamanca, Costa Rica

Anales de Biología 40: 57-64, 2018  
DOI: <http://dx.doi.org/10.6018/analesbio.40.07>

## Anuran inventory in a locality of the buffer area of La Amistad International Park, Costa Rica: pilot study for Citizen Science application

Diego Gómez-Hoyos<sup>1,2</sup>, Rafael Méndez-Arrieta<sup>3</sup>, Adams Méndez-Arrieta<sup>3</sup>, Rocío Seisdedos-de-Vergara<sup>1</sup>, Juan Abarca<sup>4</sup>, Cesar Barrio-Amorós<sup>5</sup> & José González-Maya<sup>1</sup>

REVISTA LATINOAMERICANA DE HERPETOLOGÍA Vol.01 No.01 / Mayo 2018

## THE POPULATION DECLINE OF *ATELOPUS QUIMBAYA* (ANURA: BUFONIDAE) IN THE ANDES OF COLOMBIA

DIEGO A. GÓMEZ-HOYOS<sup>1,2</sup>; WILLIAM CARDONA<sup>3</sup>; GUSTAVO A. GONZÁLEZ-DURÁN<sup>4</sup>; SANDRA VICTORIA FLECHAS<sup>5</sup>; GUSTAVO H. KATTAN<sup>6</sup>; JULIÁN A. VELASCO<sup>7</sup>



## Revista Mexicana de Biodiversidad

Rev.Mex.Biodivers. 89 (2018): 587-589



## Margays also hide their spots: first records of melanistic *Leopardus wiedii* from Colombia and Costa Rica

José F. González-Maya <sup>a, b, \*</sup>, Andrés Arias-Alzate <sup>c, d</sup>, Ramón Granados-Peña <sup>e</sup>, Diego A. Gómez-Hoyos <sup>a</sup>, Jan Schipper <sup>a, f</sup>, Miguel Manjarrés-Morrón <sup>e</sup>, Gustavo Manjarrés Pinzón <sup>e</sup>

*Alytes*, 2018, 35 (1-4): 1-11.



## Phytotelmata selection by anurans and implications for their conservation at Las Tablas Protected Zone, Costa Rica

Diego A. GÓMEZ-HOYOS<sup>1,2,\*</sup>, Sergio ESCOBAR-LASSO<sup>3</sup>, Rocío SEISDEDOS-DE-VERGARA<sup>1</sup>, Juan G. ABARCA<sup>4</sup>, Jan SCHIPPER<sup>1,5</sup>, Steven M. WHITFIELD<sup>6</sup>, Gilbert ALVARADO<sup>7,8</sup> & José F. GONZÁLEZ-MAYA<sup>1</sup>

REVISTA LATINOAMERICANA DE HERPETOLOGÍA Vol.01 No.01 / Mayo 2018

## RECORD OF UNUSUAL NOCTURNAL ACTIVITY OF *ATELOPUS VARIUS* AT LAS TABLAS PROTECTED ZONE, COSTA RICA

Diego A. Gómez-Hoyos<sup>1,2</sup>, Rocío Seisdedos-de-Vergara<sup>1</sup> & José F. González-Maya<sup>1</sup>