

Curso: Técnicas de muestreo para el estudio y manejo de vertebrados terrestres

Reptiles (II)

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Métodos y dispositivos de muestreo

Detectando, contando y muestreando los escamados

- Buscando a pie
- Captura con lazo
- Projectiles
- Trampas
- Colaboración con gente local para muestrear reptiles

Visual Encounter Survey

Date _____ Observer(s) _____

Place _____ Area searched _____

Weather conditions _____ Air temperature _____

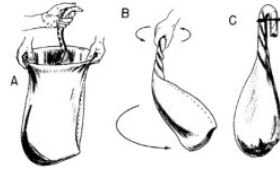
Time survey begins _____ Time survey ends _____

Habitat description _____

No.	Species	Sex	Size	Substrate	Location	Activity	Time
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							

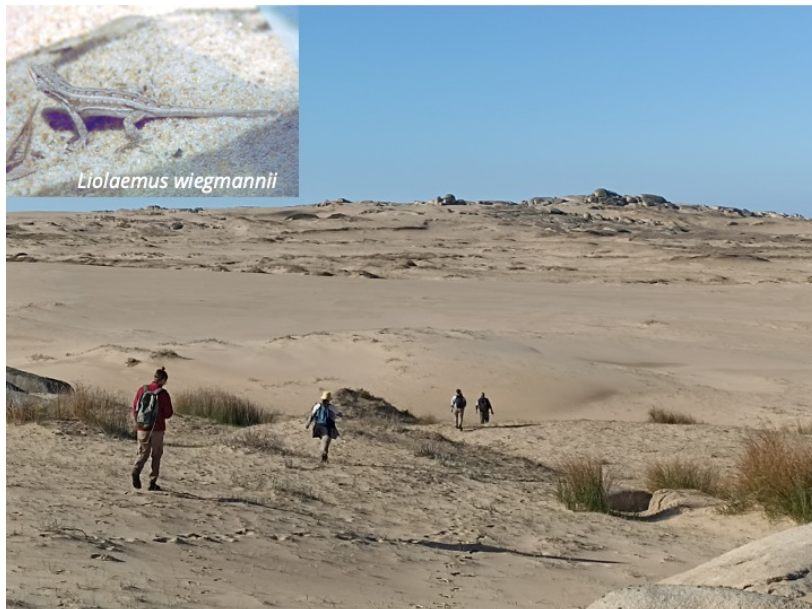
FIGURE 72 Sample data sheet for a Visual Encounter Survey. The of data sheets helps to ensure that the information collected for each individual encountered is consistent and complete. (From Crump and Scott 1994; redrawn with permission.)

Útiles para manipulación

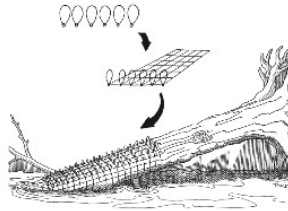
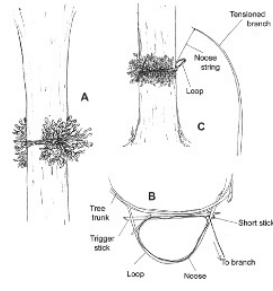
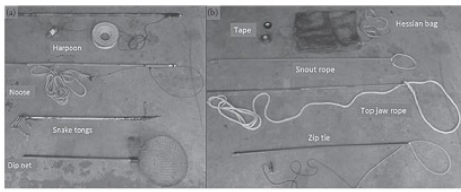


Búsqueda a pie: diurna y nocturna

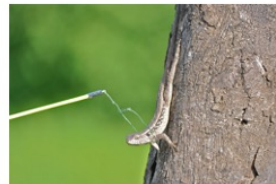




Captura con lazo



Captura con lazo



Proyectiles

- Bandas de goma
- Hondas y cerbatanas
- Armas de fuego



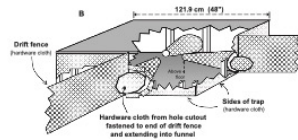
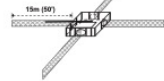
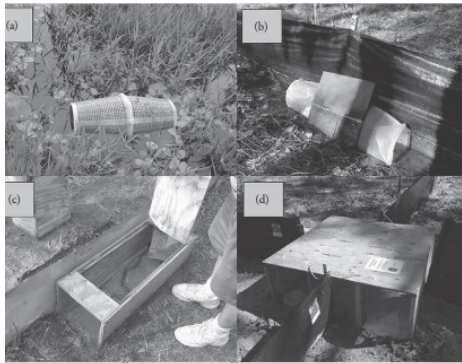
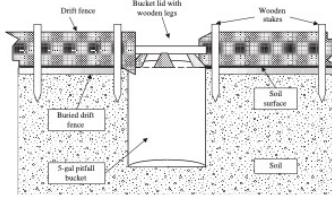
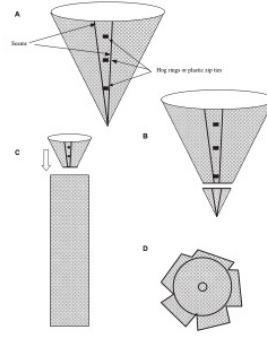
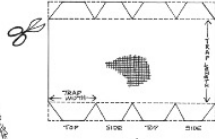
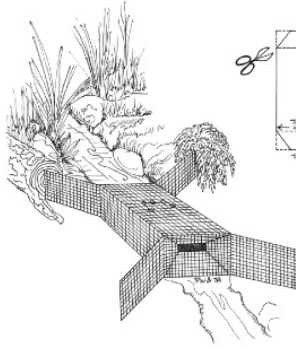
Trampas

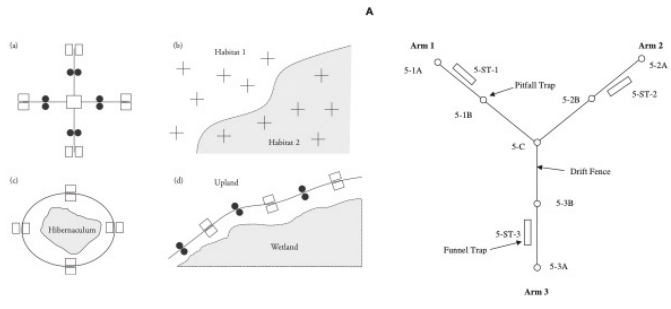
- Tablas cobertoras



Trampas

- Trampas de embudo
- Trampas de caída
- Vallas de deriva





Animales fosoriales

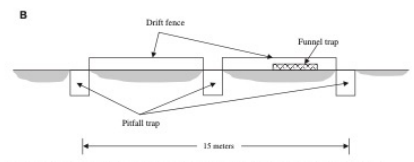
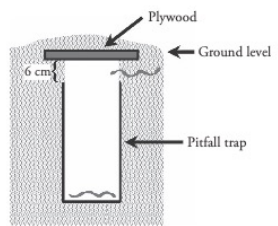
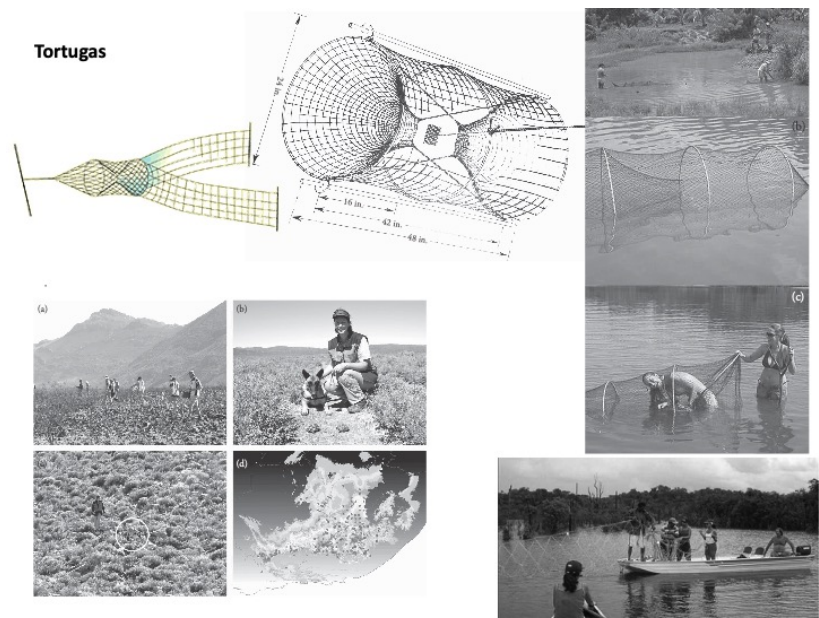


FIGURE 79 Pitfall-array design. (A) Overhead view of array design, showing pitfall traps, funnel traps (ST), and drift fences. In this example, the traps are numbered as if at array 5 of the study site. (B) Side view of a single arm, indicating the relative positions of the three trapping elements.

Tortugas





Crocodillos

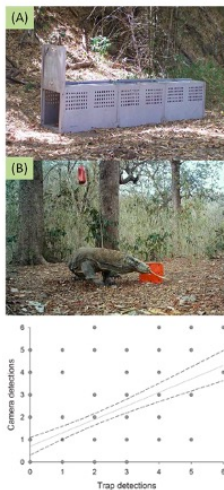


The influence of disturbed habitat on the spatial ecology of Argentine black and white tegu (*Tupinambis merianae*), a recent invader in the Everglades ecosystem (Florida, USA)

Page E. Klug · Robert N. Reed · Frank J. Mazzotti · Michelle A. McEachern · Joy J. Vinci · Katelin K. Craven · Amy A. Yackel Adams



Cámaras trampa



OPEN ACCESS Freely available online

PLOS ONE

Can Camera Traps Monitor Komodo Dragons a Large Ectothermic Predator?

Achmad Ariefiandy¹, Deni Purwandana¹, Aganto Seno², Claudio Ciofi³, Tim S. Jessop^{4*}

- ❖ Comparación de cámaras trampa con jaulas utilizando modelos de ocupación de sitios
- ❖ Estimaciones similares de probabilidades de detección y de ocupación de sitios
- ❖ Cámaras trampa como alternativa más factible (por costos) para grandes reptiles



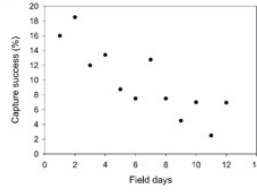
Captura con trampas

South American Journal of Herpetology, 1(2), 2006, 131-137
 © 2006 Brazilian Society of Herpetology

THE EFFECTIVENESS OF GLUE TRAPS TO SAMPLE LIZARDS IN A TROPICAL RAINFOREST

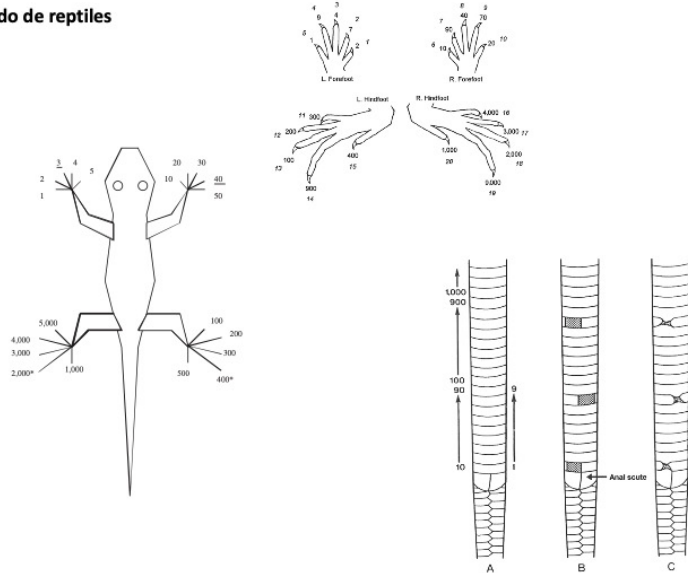
❖ Adhesivos

MARCO ANTÔNIO RIBEIRO-JUNIOR^{1,2}, TOBY A. GARDNER² AND TERESA C.S. ÁVILA-PIRES¹

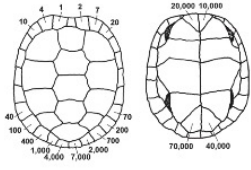


Categories	Vertical tree trunks		Lianas		Fallen trunks	
	1	2	1	2	1	2
Nº of captures	37	77	11	12	15	67
Effort	673	902	144	96	96	313
Capture success	5,73%	8,39%	8,26%	13,89%	13,89%	23,42%

Marcado de reptiles



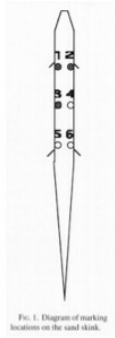
Marcado de reptiles



Marcado de reptiles

Example Numeric Code (Right Side):
R112345689

Passive integrated transponder



Anillado

Ring marking in lizards: positive and negative aspects of a new marking method

Uso de anilhas em lagartos: aspectos positivos e negativos de um novo método de marcação

DOI: 10.34188/qaer/v3i-180

Recebimento dos originais: 20/05/2020
Aceitação para publicação: 20/06/2020

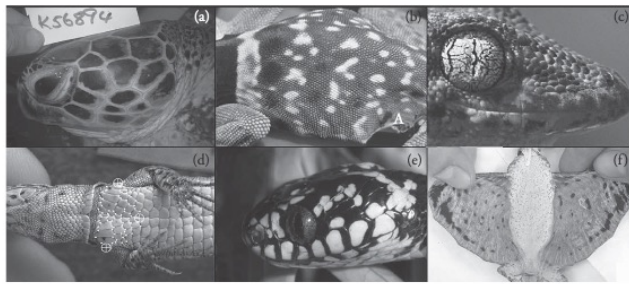
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E-mail: boorges.martins@ufrgs.br





Welcome to I²S: Interactive Individual Identification System

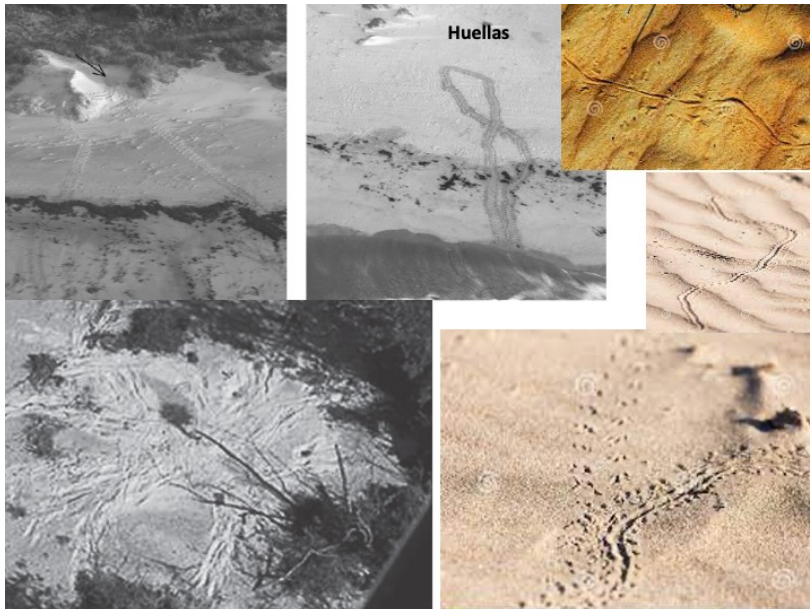
Home News

January 2016
We have released I²S Patterns, useful for example to identify and track animals with distinct (body) patterns. See also [I²S Patterns](#).

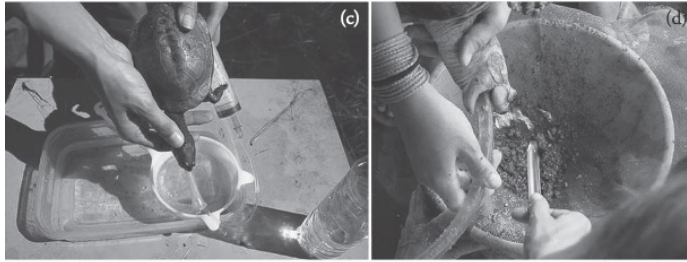
August 2015
We have updated I²S Contour, a very small update (still called version 3.0) to correct for Java 8.

May 2015
We have released I²S Straighten, a pre-processing tool to correct for the variations in body pose and only to be used for images perpendicular to the line of sight.

Powered by



Regurgitación

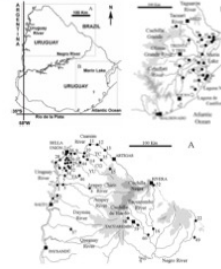


ORIGINAL ARTICLE

Food habits of the Broad-snouted Caiman (*Caiman latirostris*: Crocodylia, Alligatoridae) in northwestern Uruguay

C. Borteiro^{a*}, F. Gutiérrez^a, M. Tedros^a and F. Kolenc^b

^aDepartamento de Fisiología, Facultad de Veterinaria, Universidad de la República, Las Plazas 1550, Montevideo 11600, Uruguay; ^bCátedra de Bioquímica y Biofísica, Facultad de Odontología, Universidad de la República, Montevideo, Uruguay (Received 13 June 2007; accepted 26 September 2008)



Preservación: depósito en colecciones científicas



FIGURE 26 Voucher specimens of Sidewinders (*Crotalus cerastes*) and a Royal Horned Lizard (*Phrynosoma macleayi*) from Arizona cataloged at the U.S. National Museum of Natural History. Note USNM numbered field tags attached to the specimens and everted hemipenes of the snake (arrow). (Photo by R. P. Reynolds, U.S. Geological Survey)



FIGURE 27 Voucher specimen of Geoffroy's Side-Necked Turtle (*Phrynosoma geoffroyi tuberosa*) from Kaituma, Guyana, cataloged at the U.S. National Museum of Natural History. This specimen documents the first record of this taxon from Guyana. (Photo by R. P. Reynolds, U.S. Geological Survey)

Sera, Barry	
2007 Catalogue and Journal	
28 May (Monday)	Rattlesnake spotted, State Highway 146, large County CA 11, 1800 ft. 12.5 9:00 AM. 41220701. 1460 20'
	The snake is on the north side of the highway, with water pooling in the drainage channel on the south side. Vegetation is cultivated and very dense and open, adjacent to the dense herbaceous growth present in 1274. I used a "Tracker" to catch rather but it was not captured by hand. Skinned AT 20' at 9:50. Also see 407' with a <i>Phrynosoma</i> specimen.
28 May (Monday)	Phrynosoma macleayi 2m up on cottonwood trunk, at 04:40, lat 22.46666, 103.550
28 May (Monday)	Phrynosoma macleayi 41224444
	Found at 12:45, under 90 x 140 cm aluminum mesh (20' part of old tubewell). Saw of the spring on N side of the highway, 100m from site, lat 22.46666, 103.550
28 May (Monday)	Geoffroy's side-necked turtle 41220701
	20m, 30 m NE on Highway 146, 1840 m
28 May (Monday)	State Highway 146, 3.7 km N of road of Rattlesnake
	Spotted, large 2m, lat 22.46666, 103.550
	The snake was very difficult to find. Saw a <i>Crotalus cerastes</i> looking on road above the highway on the side of the highway at 12:45 (AT 20')
28 May (Monday)	<i>Crotalus cerastes</i>
	Preserved in snake skin at the 1st edge of the road. Skinned AT 20' at the site, lat 22.46666, 103.550. Combined a recently ingested <i>Crotalus</i> .

Photos on typical page from a field catalogue.

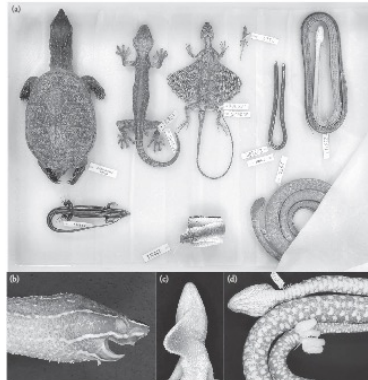
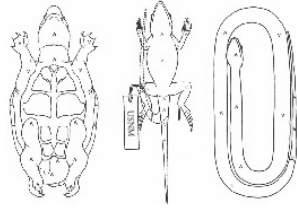
SJB 5160



FIGURE 28 Voucher specimens of Common Kingsnake (*Lampropeltis getula*) and a looped Western Rattlesnake (*Crotalus oreganus*) from Arizona, cataloged at the U.S. National Museum of Natural History. Note USNM numbered field tags attached to the specimens with permanent ink. A numbered field tag is also attached to the specimen (Photo by R. P. Reynolds, U.S. Geological Survey)



FIGURE 29 Hardening tray showing preserved specimens of (left) a coiled Common Kingsnake (*Lampropeltis getula*) and (right) a looped Western Rattlesnake (*Crotalus oreganus*). Note that the looped specimen lies flat. In the coiled snake, two or three coils lie atop one another.



DIVERSITY OF REPTILES OF URUGUAY: KNOWLEDGE AND INFORMATION GAPS

Santiago Carreira¹, Alejandro Brazzeiro¹, Arley Camargo¹, Inés da Rosa¹,
Andrés Canavero¹ & Raúl Maneyro¹

Bol. Soc. Zool. Uruguay (2^a época), 2012, Vol. 21 (1-2): 9-29. ISSN: 0255-4402

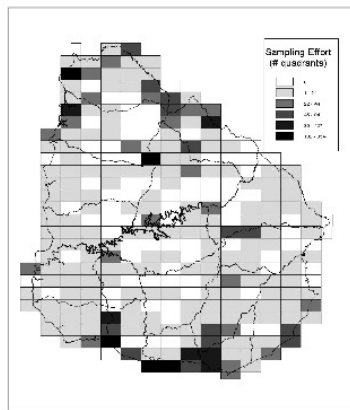


Fig. 4. Geographic distribution of sampling effort.

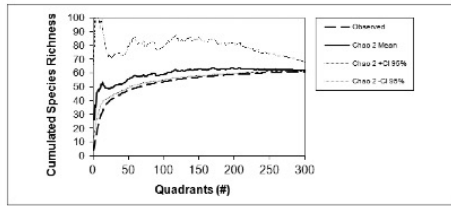


Fig. 1. Accumulated richness.

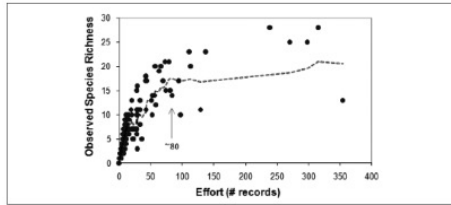


Fig. 2. Registered richness.

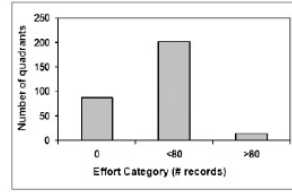



Fig. 3. Category 0 shows the quadrants that lack information. Category <80 shows the subsampled grids, i.e. with underestimated richness, whereas category >80 shows the appropriately sampled grids.


THE REPTILE DATABASE

NEW 24 December 2022


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Lizards



Snakes




Tuataras



Crocodiles



Amphisbaenians



Turtles

Dr. Eric Pianka (1939-2022)

Nicknamed "The Lizard Man"

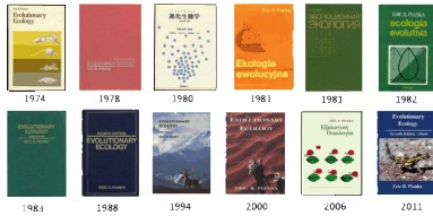
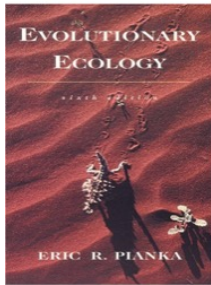


Ph.D. from the University of Washington, Seattle, in 1965

Postdoctoral work with the eminent ecologist **Robert MacArthur** at Princeton University

Professor at the University of Texas at Austin

52 years of service to University of Texas



Muchas gracias

Nos vemos en el campo

