



## Results of the Global Amphibian Assessment for Bolivia

### Diversity

	Number of Species in Bolivia	Rank in Latin America and the Caribbean <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	201	7	15	3.5 %
Frogs & Toads	197	7	14	3.9 %
Salamanders	1	13	68	0.2 %
Caecilians	3	11	20	1.8 %

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in Bolivia	IUCN Categories	Number of Species in Bolivia
Extinct	0	Near Threatened	6
<i>Critically Endangered</i>	5	Least Concern	161
<i>Endangered</i>	6	Data Deficient	13
<i>Vulnerable</i>	10		

**Number and percent of Bolivian species that are threatened:** 21 (10%)

**Extinct Species:** *none*

**Species that are Critically Endangered and possibly extinct** (species that are missing but for which sufficient information is lacking to declare them as extinct):

**Frogs:** *Gastrotheca lauzuricae, Hyla chlorostea, Eleutherodactylus zongoensis*

### Role of Protected Areas:

Of the 21 threatened species in Bolivia, 76% occur in at least one protected area.

### Local Experts:

Steffen Reichle, The Nature Conservancy, TEL (591-3) 348 0766, 348 0767  
 Claudia Cortez, Colección Boliviana de Fauna, TEL (591-3) 272 1152

### For More Information:

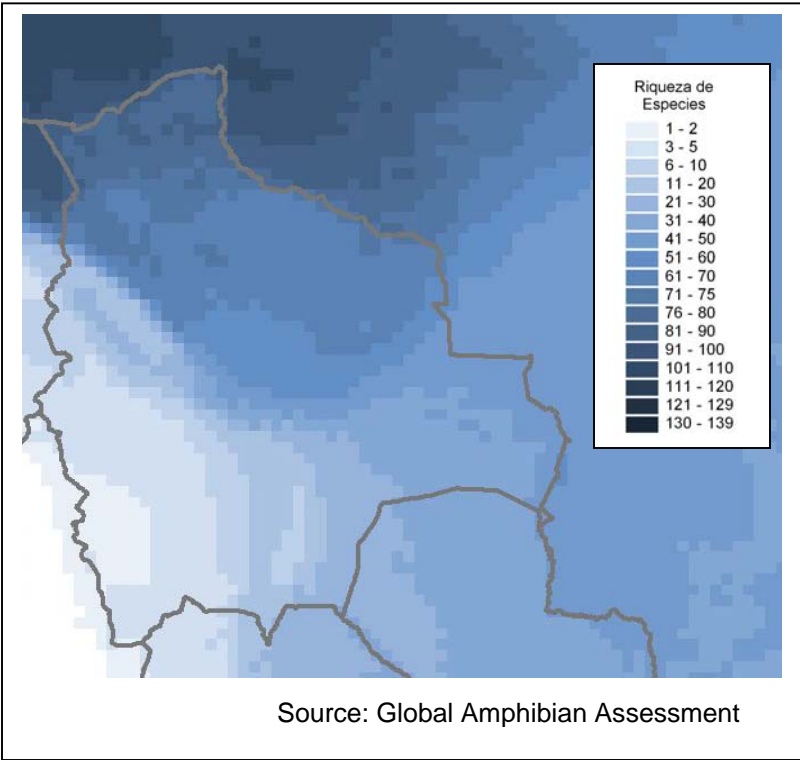
Dr. Bruce Young, NatureServe, Costa Rica, TEL (506) 645-6231

Global Amphibian Assessment website: [www.globalamphibians.org](http://www.globalamphibians.org)

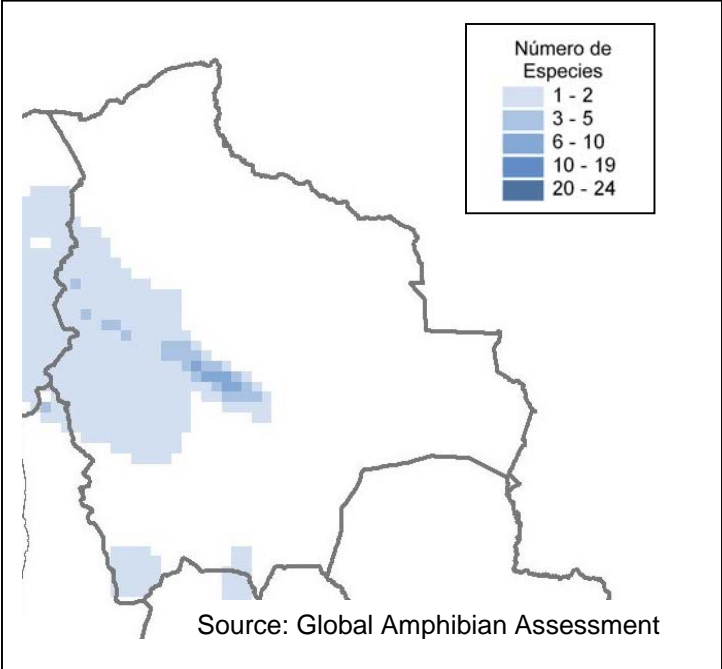
A detailed analysis of the results for the Americas: [www.natureserve.org](http://www.natureserve.org)

# Results of the Global Amphibian Assessment for Bolivia

## Map of Amphibian Diversity



## Map of the Distribution of Threatened Species





## Results of the Global Amphibian Assessment for Brazil

### Diversity

	Number of Species in Brazil	Rank in Latin America and the Caribbean <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	731	1	1	12.7 %
Frogs & Toads	704	1	1	13.9 %
Salamanders	1	13	68	0.2 %
Caecilians	26	2	2	15.5 %

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in Brazil	IUCN Categories	Number of Species in Brazil
Extinct	1	Near Threatened	21
<i>Critically Endangered</i>	6	Least Concern	482
<i>Endangered</i>	6	Data Deficient	203
<i>Vulnerable</i>	12		

**Number and percent of Brazilian species that are threatened or extinct:** 25 (3.4%)

**Extinct Species:** *Phrynomedusa fimbriata*

#### Critically Endangered Species:

**Frogs:** *Hyla cymbalum*, *Hyla izecksohni*, *Phyllomedusa ayeaye*, *Scinax alcatraz*, *Holoaden bradei*, *Odontophrynus moratoi*

#### Role of Protected Areas:

Of the 24 threatened species in Brazil, 13 species (54%) occur in at least one protected area.

#### Local Experts:

Magno Segalla, Sociedade Brasileira de Herpetologia, TEL (55) 41-3620705  
Miguel Trefaut Rodrigues, Universidad de São Paulo, TEL (55) 11-30917570

#### For More Information:

Dr. Bruce Young, NatureServe, Costa Rica, TEL (506) 645-6231, [bruce\\_young@natureserve.org](mailto:bruce_young@natureserve.org)

Global Amphibian Assessment website: [www.globalamphibians.org](http://www.globalamphibians.org)

Detailed analysis of the results for the Americas: [www.natureserve.org](http://www.natureserve.org)



## Results of the Global Amphibian Assessment for Colombia

### Diversity

	Number of Species in Colombia	Rank in Latin America and the Caribbean <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	698	2	2	12.2 %
Frogs & Toads	648	2	2	12.8 %
Salamanders	19	6	10	3.7 %
Caecilians	31	1	1	18.5 %

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in Colombia	IUCN Categories	Number of Species in Colombia
Extinct	0	Near Threatened	43
<i>Critically Endangered</i>	50	Least Concern	326
<i>Endangered</i>	78	Data Deficient	121
<i>Vulnerable</i>	80		

**Number and percent of Colombian species that are threatened or extinct:** 208 (30%)

**Extinct Species:** none

**Species that are Critically Endangered and possibly extinct** (species that are missing but for which sufficient information is lacking to declare them as extinct):

**Toads:** *Atelopus muisca*, *Rhombophryne rostrata*

**Frogs:** *Centrolene ballux*, *Centrolene heloderma*, *Colostethus edwardsi*, *Colostethus ruizi*, *Cryptobatrachus nicefori*, *Eleutherodactylus bernalis*

### Role of Protected Areas:

Of the 208 threatened species in Colombia, 64% occur in at least one protected area.

### Local Experts:

José Vicente Rueda, Conservación Internacional, TEL (+57-1) 345 2854, 345 2863, 345 2852  
Prof. Fernando Castro, Universidad del Valle, TEL (57) 2 339 3243

### For More Information:

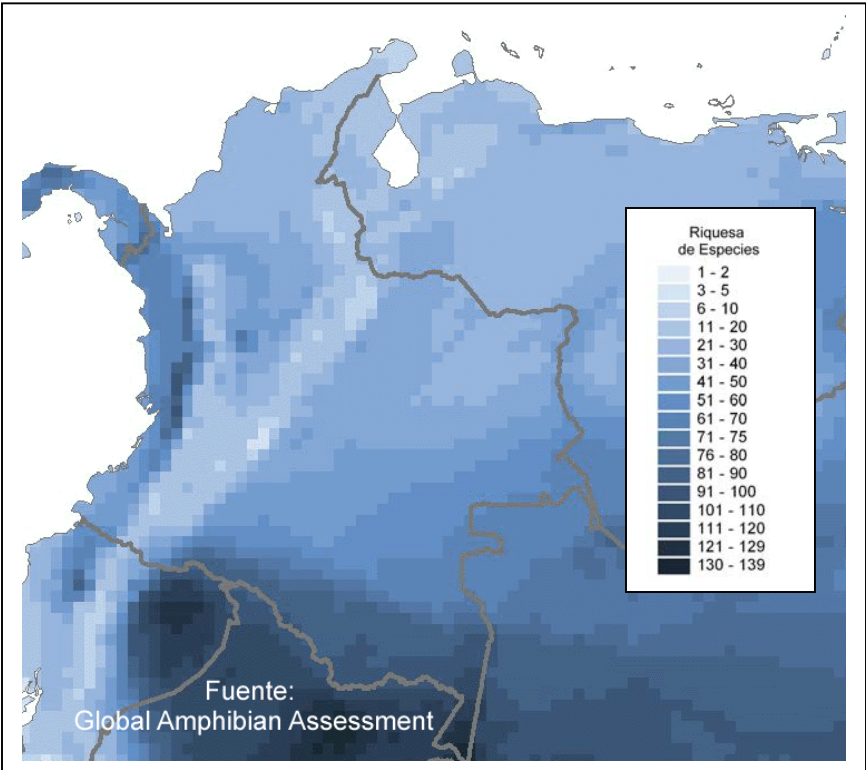
Dr. Bruce Young, NatureServe, Costa Rica, TEL (506) 645-6231

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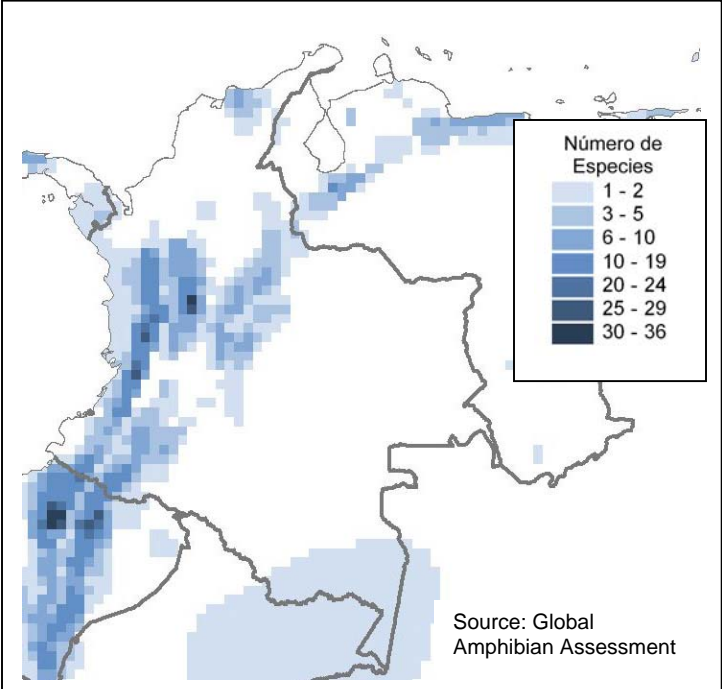
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# Results of the Global Amphibian Assessment for Colombia

## Map of Amphibian Diversity



## Map of the Distribution of Threatened Species





## Results of the Global Amphibian Assessment for Costa Rica

### Diversity

	Number of Species in Costa Rica	Rank in Latin America and the Caribbean <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	179	9	19	3.1%
Frogs & Toads	133	10	20	2.6%
Salamanders	39	2	4	7.7%
Caecilians	7	7	9	4.2%

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in Costa Rica	IUCN Categories	Number of Species in Costa Rica
Extinct	1	Near Threatened	9
<i>Critically Endangered</i>	20	Least Concern	88
<i>Endangered</i>	22	Data Deficient	20
<i>Vulnerable</i>	19		

Percentage of Costa Rican species that are threatened or extinct: 35%

**Extinct Species:** *Bufo periglenes* (Golden toad)

**Species that are Critically Endangered and possibly extinct** (species that are missing but for which sufficient information is lacking to declare them as extinct):

**Toads:** *Atelopus chiriquiensis*, *Atelopus senex*, *Bufo fastidiosus*, *Bufo holdridgei*

**Frogs:** *Hyla calypsa*, *Hyla debilis*, *Hyla rivularis*, *Hyla tica*, *Eleutherodactylus andi*, *Eleutherodactylus angelicus*, *Eleutherodactylus escoces*, *Eleutherodactylus fleischmanni*

**Salamanders:** *Oedipina paucidentata*

### Role of Protected Areas:

Of the 62 threatened species in Costa Rica, 92% occur in at least one protected area.

### Local Experts:

Prof. Federico Bolaños, Universidad de Costa Rica, TEL (506) 207-5959

### For More Information:

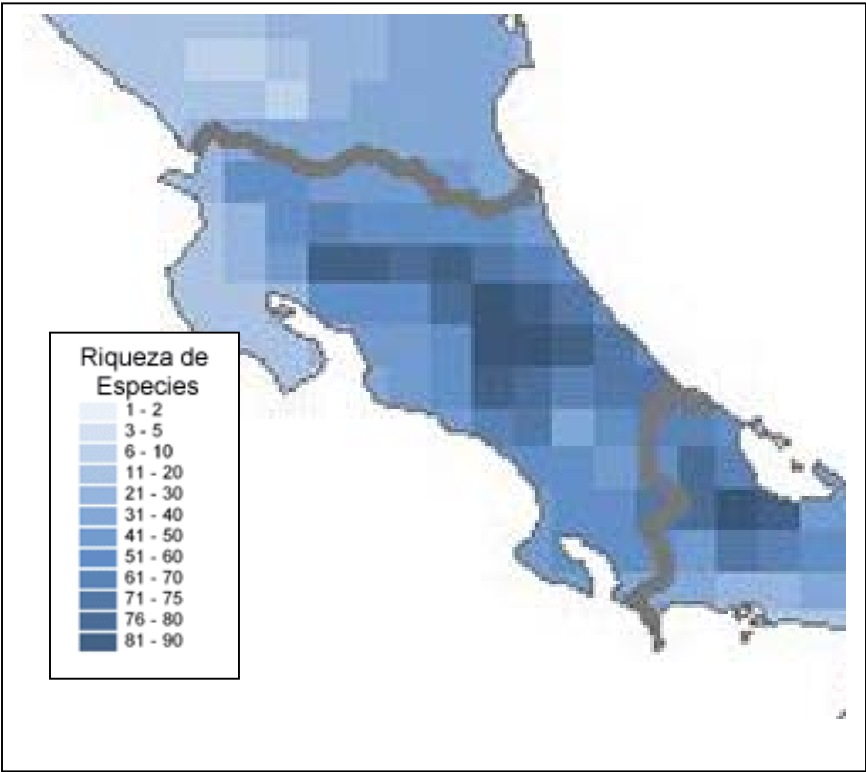
Dr. Bruce Young, NatureServe, Costa Rica, TEL (506) 645-6231

Global Amphibian Assessment website: [www.globalamphibians.org](http://www.globalamphibians.org)

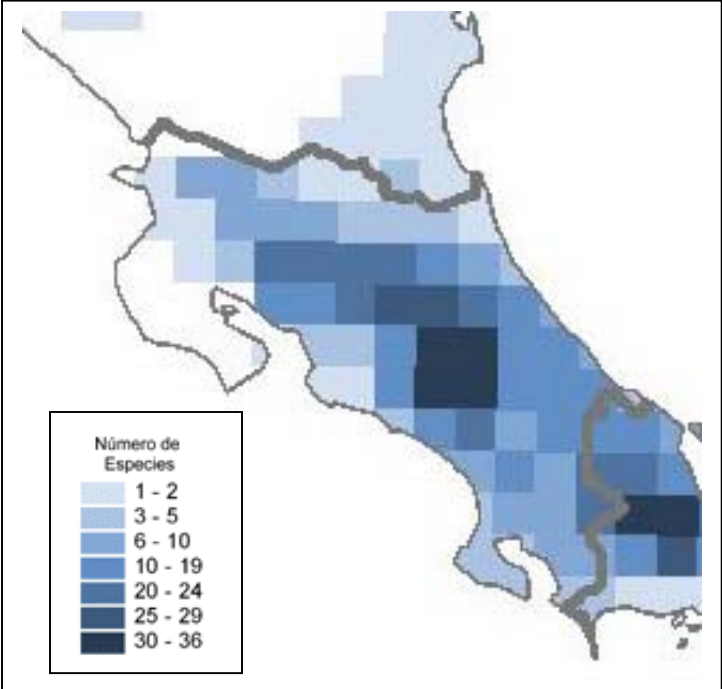
Detailed analysis of the results for the Americas: [www.natureserve.org](http://www.natureserve.org)

# Results of the Global Amphibian Assessment for Costa Rica

## Map of Amphibian Diversity



## Map of the Distribution of Threatened Species





## Results of the Global Amphibian Assessment for Ecuador

### Diversity

	Number of Species in Ecuador	Rank in Latin America and the Caribbean <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	447	3	3	7.8 %
Frogs & Toads	417	3	3	8.2 %
Salamanders	7	7	17	1.4 %
Caecilians	23	3	3	13.7 %

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in Ecuador	IUCN Categories	Number of Species in Ecuador
Extinct	2	Near Threatened	22
<i>Critically Endangered</i>	32	Least Concern	201
<i>Endangered</i>	73	Data Deficient	59
<i>Vulnerable</i>	58		

**Number and percent of Ecuadorean species that are threatened or extinct:** 165 (37%)

**Extinct Species:** *Ateopus ignescens*, *Atelopus longirostris*

**Species that are Critically Endangered and possibly extinct** (species that are missing but for which sufficient information is lacking to declare them as extinct):

**Toads:** *Andinophryne colomai*, *Atelopus arthuri*, *Atelopus balios*, *Atelopus coynei*, *Atelopus guanujo*, *Atelopus lynchi*, *Atelopus mindoensis*, *Atelopus nanay*, *Atelopus pachydermus*, *Atelopus planispina*

**Frogs:** *Centrolene ballux*, *Centrolene heloderma*, *Colostethus jacobuspetersi*, *Colostethus vertebralis*, *Dendrobates abditus*, *Telmatobius cirrhacelis*, *Telmatobius niger*, *Telmatobius vellardi*

### Role of Protected Areas:

Of the 163 threatened species in Ecuador, 64% occur in at least one protected area.

### Local Experts:

Prof. Luis Coloma, Universidad Católica del Ecuador, TEL (593) 22 509-573

Profa. Ana Almendáriz, Escuela Politécnica Nacional, TEL (593-2) 223 6690

### For More Information:

Dr. Bruce Young, NatureServe, Costa Rica, TEL (506) 645-6231

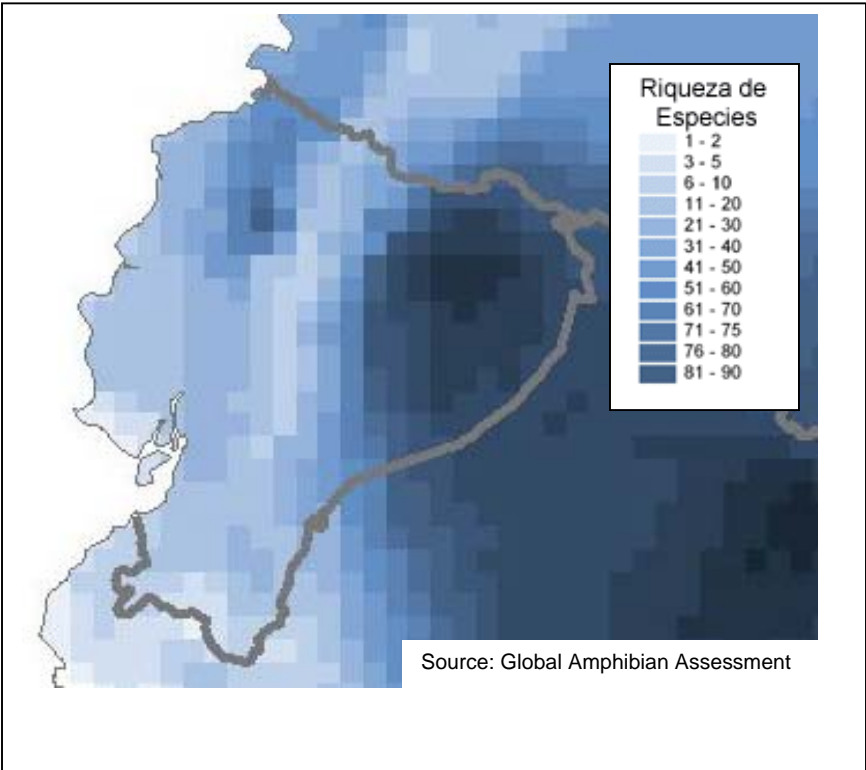
Global Amphibian Assessment website: [www.globalamphibians.org](http://www.globalamphibians.org)

Detailed analysis of the results for the Americas: [www.natureserve.org](http://www.natureserve.org)

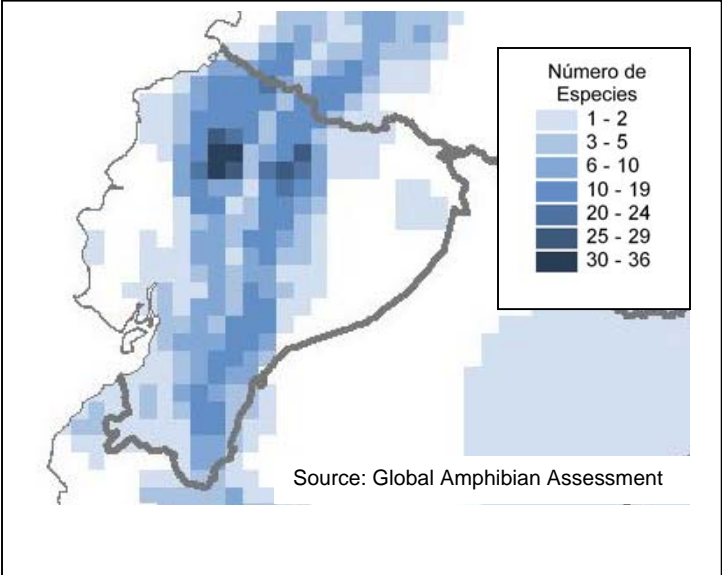


# Results of the Global Amphibian Assessment for Ecuador

## Map of Amphibian Diversity



## Map of the Distribution of Threatened Species





## Results of the Global Amphibian Assessment for Guyana

### Diversity

	Number of Species in Guyana	Rank in Latin America and the Caribbean <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	115	13	26	2.0 %
Frogs & Toads	109	11	24	2.2 %
Salamanders	0	15 (tie)	83 (tie)	0 %
Caecilians	6	9	14	3.6 %

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in Guyana	IUCN Categories	Number of Species in Guyana
Extinct	0	Near Threatened	0
<i>Critically Endangered</i>	0	Least Concern	97
<i>Endangered</i>	0	Data Deficient	12
<i>Vulnerable</i>	6		

**Number and percent of Guyanan species that are threatened:** 6 (5.2%)

**Extinct Species:** *none*

#### Threatened Species (all classified as *Vulnerable*):

**Toads:** *Atelopus spumarius*, *Oreophrynella macconnelli*, *Oreophrynella quelchii*

**Frogs:** *Stefania ackawaio*, *Stefania ayangannae*, *Stefania coxi*

#### Role of Protected Areas:

Of the six threatened species in Guyana, two (33%) occur in at least one protected area.

#### Local Experts:

Dr. Robert Reynolds, The Smithsonian Institution, E-mail: reynolds.bob@nmnh.si.edu

#### For More Information:

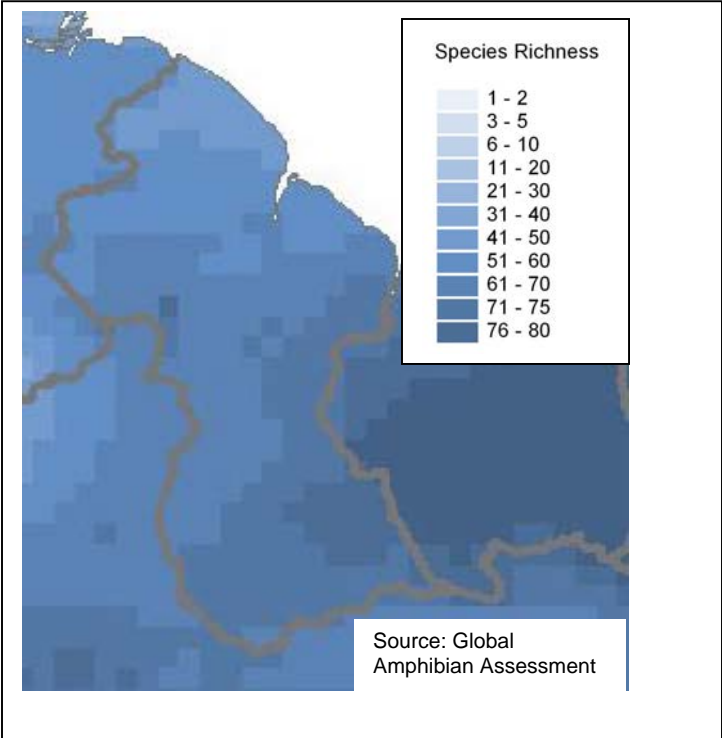
Dr. Bruce Young, NatureServe, Costa Rica, TEL (506) 645-6231

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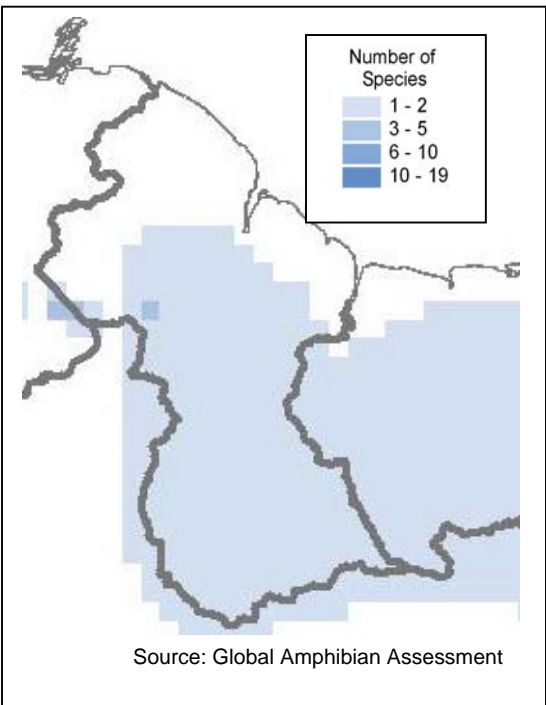
A detailed analysis of the results for the Americas: [www.natureserve.org](http://www.natureserve.org)

# Results of the Global Amphibian Assessment for Guyana

## Map of Amphibian Diversity



## Map of the Distribution of Threatened Species





## Results of the Global Amphibian Assessment for México

### Diversity

	Number of Species in Mexico	Rank in Latin America and the Caribbean <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	351	5	5	6.1 %
Frogs & Toads	222	6	10	4.4 %
Salamanders	127	1	2	25.0 %
Caecilians	2	13	25	1.2 %

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in México	IUCN Categories	Number of Species in México
Extinct	0	Near Threatened	21
<i>Critically Endangered</i>	57	Least Concern	94
<i>Endangered</i>	90	Data Deficient	45
<i>Vulnerable</i>	44		

**Number and percentage of Mexican species that are threatened:** 191 (54%)

**Extinct Species:** none

**Species that are Critically Endangered and possibly extinct** (species that are missing but for which sufficient information is lacking to declare them as extinct):

**Frogs:** *Hyla altipotens, Hyla calvicollina, Hyla celata, Hyla cyanomma, Hyla dendroscarta, Hyla echinata, Hyla hazelae, Hyla pellita, Hyla siopela, Hyla thorectes, Hyla trux, Eleutherodactylus guerreroensis, Eleutherodactylus polymniae, Rana omiltemana, Rana pueblae, Rana tlaloci*

**Salamanders:** *Chirotrotriton magnipes, Chirotrotriton mosaueri, Ixalotriton parva, Pseudoeurycea aquatica, Pseudoeurycea naucampatepetl, Pseudoeurycea nigromaculata, Pseudoeurycea praezellens, Thorius infernales, Thorius magnipes, Thorius narismagnus, Thorius narisovalis*

### Role of Protected Areas:

Of the 191 threatened species in México, 33% occur in at least one protected area.

### Local Experts:

Georgina Santos Barrera, UNAM, (52) 55 5622-9004; Gabriela Parra, UNAM, TEL (52) 55 5622-9152  
Antonio Muñoz Alonso, Colegio de la Frontera Sur (San Cristóbal), TEL (52) (967) 674-9000 Ext. 9801

### For More Information:

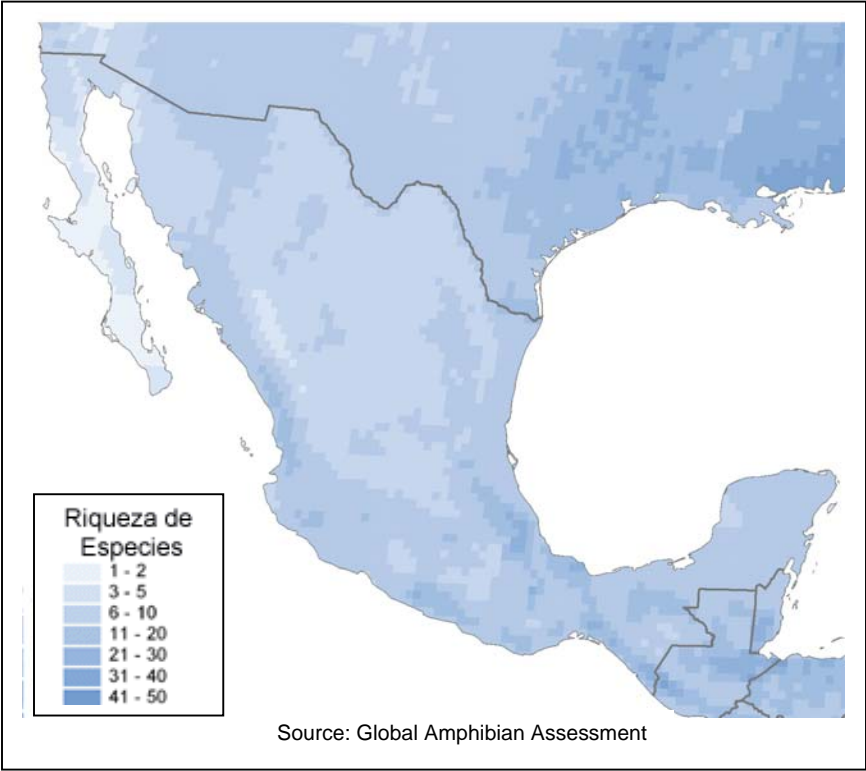
Dr. Bruce Young, NatureServe, Costa Rica, TEL (506) 645-6231

Global Amphibian Assessment website: [www.globalamphibians.org](http://www.globalamphibians.org)

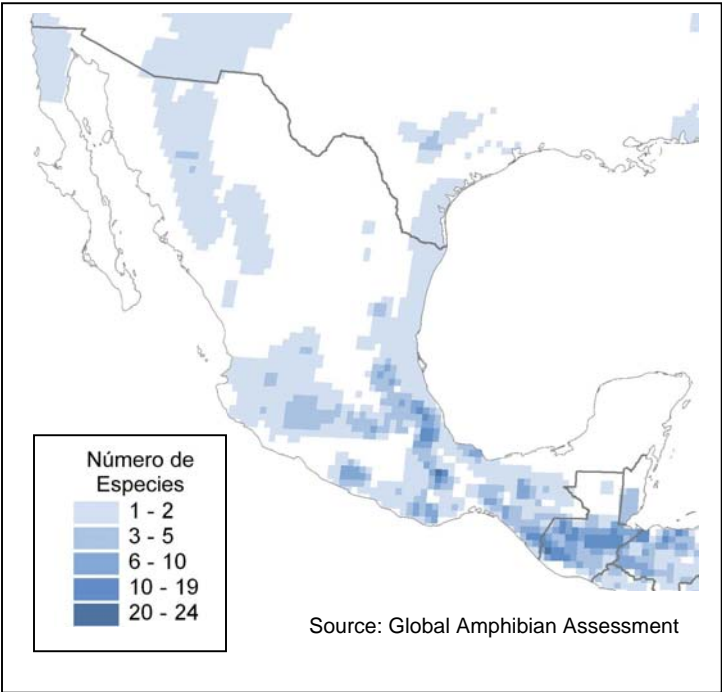
Detailed analysis of the results for the Americas: [www.natureserve.org](http://www.natureserve.org)

# Results of the Global Amphibian Assessment for México

## Map of Amphibian Diversity



## Map of the Distribution of Threatened Species





## Results of the Global Amphibian Assessment for Perú

### Diversity

	Number of Species in Perú	Rank in Latin America and the Caribbean <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	398	4	4	6.9 %
Frogs & Toads	381	4	4	7.5 %
Salamanders	3	11	44	0.6 %
Caecilians	14	4	5	8.3 %

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in Perú	IUCN Categories	Number of Species in Perú
Extinct	0	Near Threatened	11
<i>Critically Endangered</i>	19	Least Concern	213
<i>Endangered</i>	31	Data Deficient	96
<i>Vulnerable</i>	28		

**Number and percentage of Peruvian species that are threatened or extinct:** 78 (20%)

**Extinct Species:** *none*

**Species that are Critically Endangered and possibly extinct** (species that are missing but for which sufficient information is lacking to declare them as extinct):

**Ranas:** *Phrynopus spectabilis*

### Role of Protected Areas:

Of the 78 threatened species in Perú, 49% occur in at least one protected area.

### Local Experts:

Lily Rodríguez, APECO, TEL (51-1) 264-5804

Jesús H. Córdova Santa Gadea, Universidad Nacional Mayor de San Marcos, TEL (51-1) 471-0117

### For More Information:

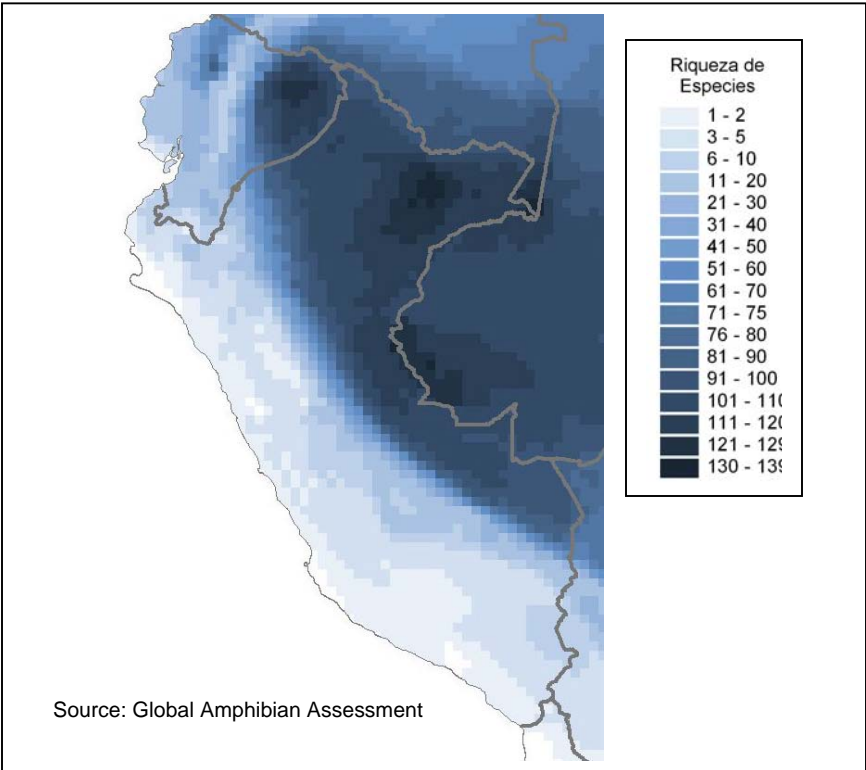
Dr. Bruce Young, NatureServe, Costa Rica, TEL (506) 645-6231

Global Amphibian Assessment website: [www.globalamphibians.org](http://www.globalamphibians.org)

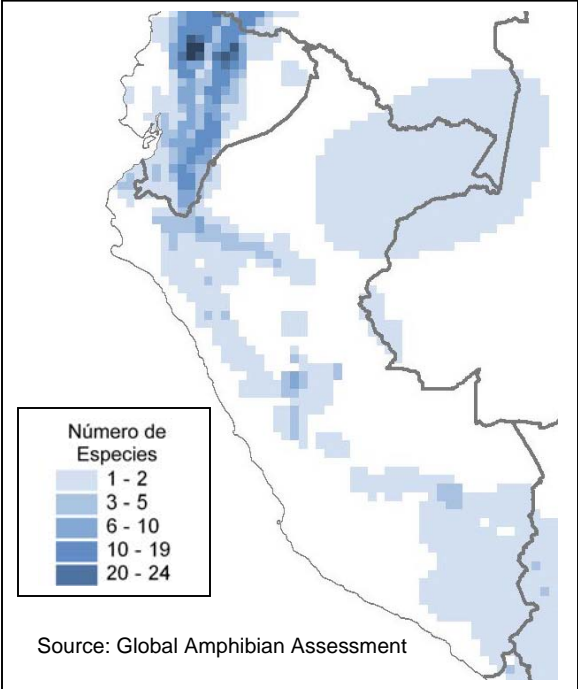
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# Results of the Global Amphibian Assessment for Perú

## Map of Amphibian Diversity



## Map of the Distribution of Threatened Species





## Results of the Global Amphibian Assessment for Suriname

### Diversity

	Number of Species in Suriname	Rank in Latin America and the Caribbean <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	101	14	29	1.8 %
Frogs & Toads	94	12	28	1.9 %
Salamanders	0	15 (tie)	83 (tie)	0 %
Caecilians	7	7	9	4.2 %

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in Suriname	IUCN Categories	Number of Species in Suriname
Extinct	0	Near Threatened	0
<i>Critically Endangered</i>	0	Least Concern	93
<i>Endangered</i>	0	Data Deficient	6
<i>Vulnerable</i>	2		

Number and percent of Surinamese species that are threatened: 2 (2.0%)

Extinct Species: *none*

#### Threatened Species (all classified as *Vulnerable*):

Toad: *Atelopus spumarius*

Frog: *Dendrobates azureus*

#### Role of Protected Areas:

Of the two threatened species in Suriname, both (100%) occur in at least one protected area.

#### Local Experts:

Dr. Marinus S. Hoogmoed, Nationaal Natuurhistorisch Museum, The Netherlands, TEL (31) 71 5687618

#### For More Information:

Dr. Bruce Young, NatureServe, Costa Rica, TEL (506) 645-6231

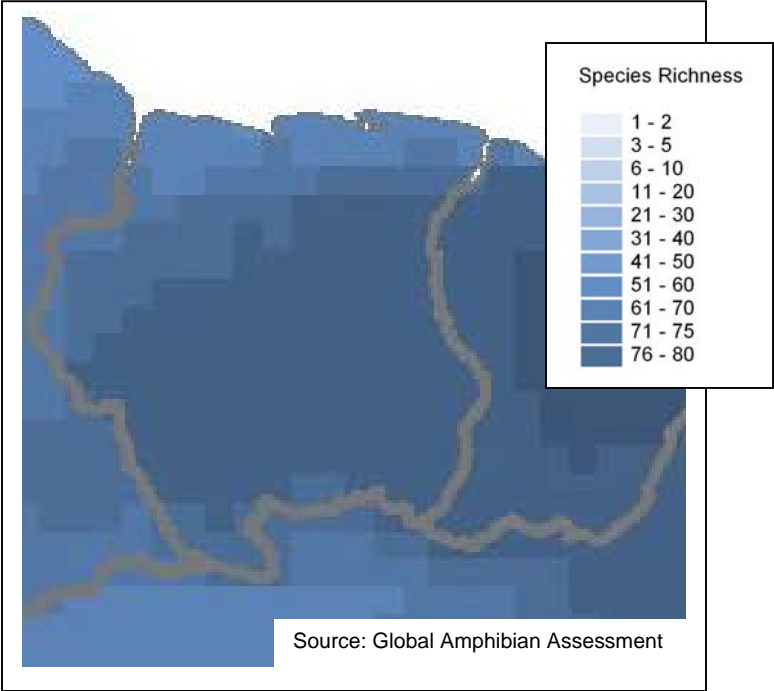
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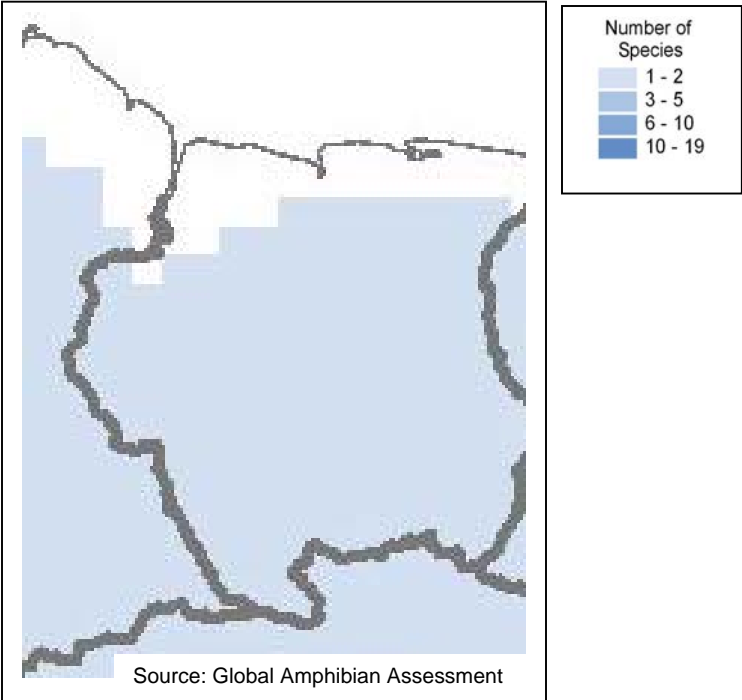


# Results of the Global Amphibian Assessment for Suriname

## Map of Amphibian Diversity



## Map of the Distribution of Threatened Species





## Results of the Global Amphibian Assessment for the United States

### Diversity

	Number of Species in the U.S.	Rank in the Western Hemisphere <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	262	7	9	4.6 %
Frogs & Toads	94	28	15	1.9 %
Salamanders	168	1	1	25.0 %
Caecilians	0	20 (tie)	53 (tie)	0.0 %

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in the U.S.	IUCN Categories	Number of Species in the U.S.
Extinct	2	<i>Vulnerable</i>	34
Extinct in the Wild	1	Near Threatened	32
<i>Critically Endangered</i>	2	Least Concern	162
<i>Endangered</i>	15	Data Deficient	14

**Number and percent of U.S. species that are threatened or extinct:** 54 (20.6%)

**Extinct Species:** *Rana fisheri* (Las Vegas leopard frog; Nevada)  
*Plethodon ainsworthi* (Ainsworth's salamander; Mississippi)

**Extinct in the Wild species:** *Bufo baxteri* (Wyoming toad; Wyoming)

**Critically Endangered Species:** *Rana subaquavocalis* (Ramsey Canyon leopard frog; Arizona)  
*Rana sevosa* (dusky gopher frog; Mississippi)

**Role of Protected Areas:**  
Of the 51 threatened species in the U.S., 41 (80%) occur in at least one protected area.

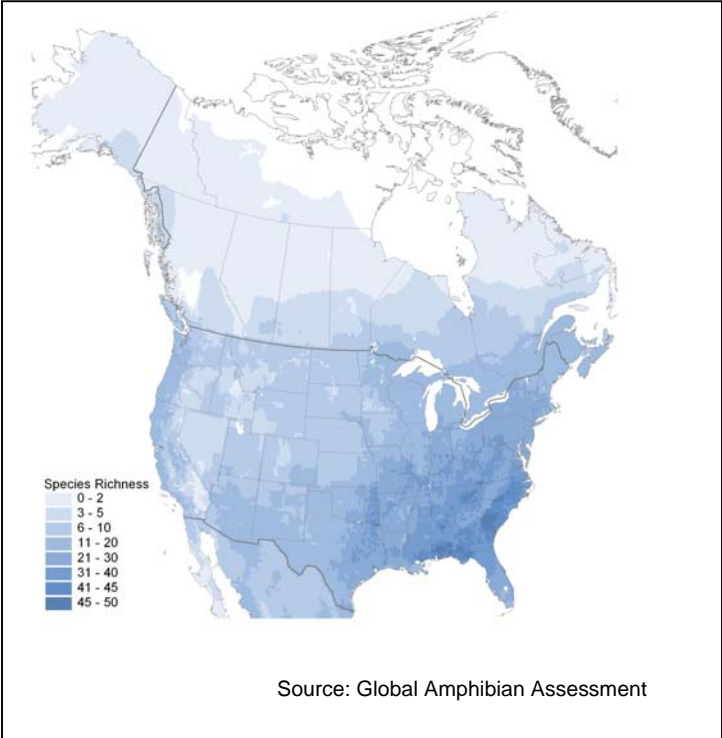
**Local Experts:**  
Dr. Geoff Hammerson, NatureServe, TEL (860) 345-7409  
Dr. David Wake, University of California, Berkeley, TEL (510) 642-3567  
Dr. Mike Lannoo, Ball State University, TEL (765) 285-1050

**For More Information:**  
Dr. Bruce Young, NatureServe, Costa Rica, TEL 011-506-645-6231

Global Amphibian Assessment website: [www.globalamphibians.org](http://www.globalamphibians.org)  
Detailed analysis of the results for the Americas: [www.natureserve.org](http://www.natureserve.org)

# Results of the Global Amphibian Assessment for the United States

## Map of Amphibian Diversity



## Map of the Distribution of Threatened Species





## Results of the Global Amphibian Assessment for Venezuela

### Diversity

	Number of Species in Venezuela	Rank in Latin America and the Caribbean <sup>1</sup>	World Rank <sup>2</sup>	Percentage of the World's Diversity
All Amphibians	293	6	8	5.1 %
Frogs & Toads	279	5	6	5.5 %
Salamanders	4	10	41	0.8 %
Caecilians	10	6	6	6.0 %

<sup>1</sup> Out of 44 countries and territories. <sup>2</sup> Out of 192 countries and territories.

### Threatened Species (Threatened species are in one of the categories in *italics*.)

IUCN Categories	Number of Species in Venezuela	IUCN Categories	Number of Species in Venezuela
Extinct	1	Near Threatened	7
<i>Critically Endangered</i>	18	Least Concern	142
<i>Endangered</i>	24	Data Deficient	75
<i>Vulnerable</i>	26		

**Number and percentage of Venezuelan species that are threatened or extinct:** 69 (24%)

**Extinct Species:** *Atelopus vogli*

**Species that are Critically Endangered and possibly extinct** (species that are missing but for which sufficient information is lacking to declare them as extinct):

**Toads:** *Atelopus carbonerensis*, *Atelopus chrysocorallus*, *Atelopus mucubajiensis*, *Atelopus oxyrhynchus*, *Atelopus pinangoi*, *Atelopus soriano*

**Frogs:** *Mannophryne neblina*

### Role of Protected Areas:

Of the 68 threatened species in Venezuela, 68% occur in at least one protected area.

### Local Experts:

Enrique La Marca, Universidad de los Andes (Mérida), TEL (58) 274 2401647  
Juan Elías García, UNELLEZ (Guanare, Portuguesa), TEL (58) 257 2568006 ext. 2331

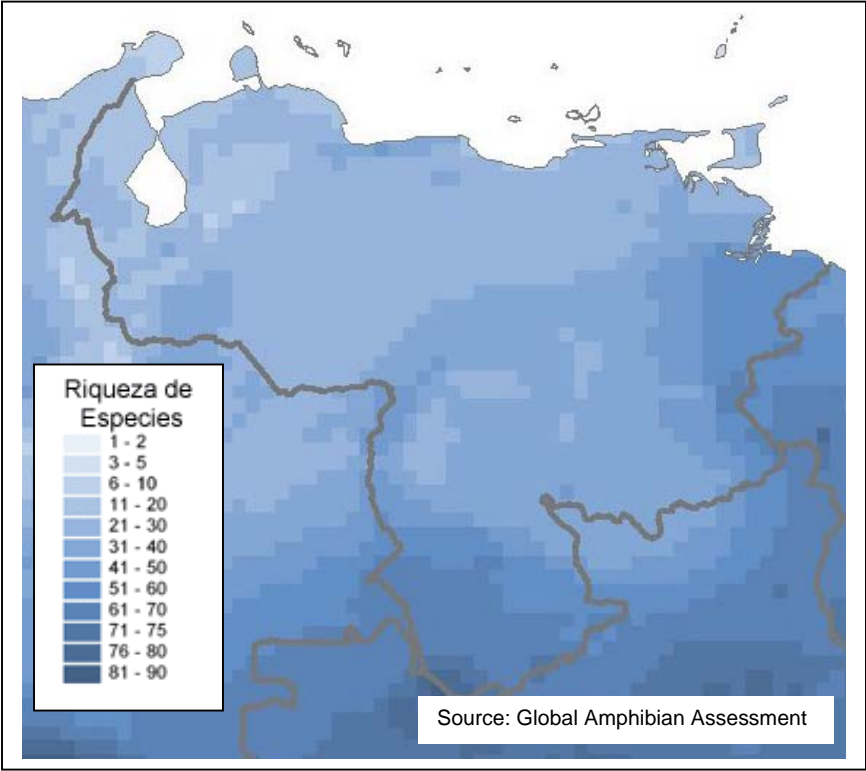
### For More Information:

Dr. Bruce Young, NatureServe, Costa Rica, TEL (506) 645-6231

Global Amphibian Assessment website: [www.globalamphibians.org](http://www.globalamphibians.org)  
Detailed analysis of the results for the Americas: [www.natureserve.org](http://www.natureserve.org)

# Results of the Global Amphibian Assessment for Venezuela

## Map of Amphibian Diversity



## Map of the Distribution of Threatened Species

