

Amphibians and Reptiles of Costa Ballena, Costa Rica

César L. Barrio-Amorós
Doc Frog Expeditions

All photos by C.L. Barrio-Amorós except those by Twan Leenders (TL), Jose Medina (JM), Victor Acosta (VA), Gary Kritzinger (GK) and Roel de Plecker (RDP)

Produced by: C.L. Barrio-Amorós



© César L. Barrio-Amorós [cesarlba@yahoo.com]. Thanks to: Quetzal Dwyer and Roel de Plecker (Reptilandia, Costa Rica); Victor Acosta and Bill Lamar

(M) Male, (F) Female, and (Juv.) Juvenile.

[fieldguides.fieldmuseum.org]

[772]

version 1 05/2016

			
<p>1 Map of Costa Rica showing Costa Ballena</p>	<p>2 Map of Costa Ballena</p>	<p>3 <i>Dermophis gracilior</i> DERMOPHIIDAE</p>	<p>4 <i>Dermophis gracilior</i> DERMOPHIIDAE</p>
			
<p>5 <i>Atelopus varius</i> BUFONIDAE</p>	<p>6 <i>Incilius aucoinae</i> (M) BUFONIDAE</p>	<p>7 <i>Incilius aucoinae</i> (M) BUFONIDAE</p>	<p>8 <i>Incilius aucoinae</i> (F) BUFONIDAE</p>
			
<p>9 <i>Incilius coniferus</i> (F) BUFONIDAE</p>	<p>10 <i>Incilius coniferus</i> (M) BUFONIDAE</p>	<p>11 <i>Rhinella horribilis</i> BUFONIDAE</p>	<p>12 <i>Rhaebo haematiticus</i> BUFONIDAE</p>
			
<p>13 <i>Cochranella granulosa</i> CENTROLENIDAE</p>	<p>14 <i>Espadarana prosoblepon</i> (M) CENTROLENIDAE</p>	<p>15 <i>Espadarana prosoblepon</i> (M) CENTROLENIDAE</p>	<p>16 <i>Hyalinobatrachium colymbiphyllosum</i> CENTROLENIDAE</p>
			
<p>17 <i>Hyalinobatrachium valerioi</i> CENTROLENIDAE</p>	<p>18 <i>Hyalinobatrachium vireovittatum</i> CENTROLENIDAE <small>photo: TL</small></p>	<p>19 <i>Sachatamia albomaculata</i> CENTROLENIDAE</p>	<p>20 <i>Teratohyla pulverata</i> (M) CENTROLENIDAE</p>

Amphibians and Reptiles of Costa Ballena, Costa Rica

2

César L. Barrio-Amorós
Doc Frog Expeditions

All photos by C.L. Barrio-Amorós except those by Twan Leenders (TL), Jose Medina (JM), Victor Acosta (VA), Gary Kritzinger (GK) and Roel de Plecker (RDP)

Produced by: C.L. Barrio-Amorós

© César L. Barrio-Amorós [cesarlba@yahoo.com]. Thanks to: Quetzal Dwyer and Roel de Plecker (Reptilandia, Costa Rica); Victor Acosta and Bill Lamar

(M) Male, (F) Female, and (Juv.) Juvenile.

[fieldguides.fieldmuseum.org]

[772] version 1 05/2016



21 *Dendrobates auratus*
DENDROBATIDAE



22 *Dendrobates granuliferus*
DENDROBATIDAE



23 *Dendrobates granuliferus*
DENDROBATIDAE



24 *Phyllobates vittatus*
DENDROBATIDAE



25 *Silverstoneia flotator*
DENDROBATIDAE



26 *Diasporus "diastema"*
ELEUTHERODACTYLIDAE



27 *Diasporus "diastema"*
ELEUTHERODACTYLIDAE



28 *Diasporus vocator*
ELEUTHERODACTYLIDAE



29 *Craugastor crassidigitus* (M)
CRAUGASTORIDAE



30 *C. crassidigitus* (below); *C. fitzingeri* (above)
CRAUGASTORIDAE



31 *Craugastor fitzingeri* (M)
CRAUGASTORIDAE



32 *Craugastor fitzingeri* (M)
CRAUGASTORIDAE



33 *Craugastor fitzingeri* (F)
CRAUGASTORIDAE



34 *Craugastor stejnegerianus* (M)
CRAUGASTORIDAE



35 *Craugastor stejnegerianus* (M)
CRAUGASTORIDAE



36 *Craugastor stejnegerianus* (F)
CRAUGASTORIDAE



37 *Pristimantis cruentus*
CRAUGASTORIDAE



38 *Pristimantis pardalis*
CRAUGASTORIDAE



39 *Pristimantis pardalis*
CRAUGASTORIDAE



40 *Pristimantis ridens*
CRAUGASTORIDAE

Amphibians and Reptiles of Costa Ballena, Costa Rica

3

César L. Barrio-Amorós
Doc Frog Expeditions

All photos by C.L. Barrio-Amorós except those by Twan Leenders (TL), Jose Medina (JM), Victor Acosta (VA), Gary Kritzinger (GK) and Roel de Plecker (RDP)

Produced by: C.L. Barrio-Amorós

© César L. Barrio-Amorós [cesarlba@yahoo.com]. Thanks to: Quetzal Dwyer and Roel de Plecker (Reptilandia, Costa Rica); Victor Acosta and Bill Lamar

(M) Male, (F) Female, and (Juv.) Juvenile.

[fieldguides.fieldmuseum.org]

[772] version 1 05/2016



41 *Agallychnis callidryas* (M)
PHYLLOMEDUSIDAE

42 *Agallychnis callidryas*
PHYLLOMEDUSIDAE

43 *Agallychnis callidryas* (Juv.)
PHYLLOMEDUSIDAE

44 *Agalychnis spurrelli* (M)
PHYLLOMEDUSIDAE



45 *Dendropsophus ebraccatus* (M)
HYLIDAE

46 *Dendropsophus ebraccatus*
HYLIDAE

47 *Dendropsophus microcephalus*
HYLIDAE

48 *Duellmanohyla rufioculis* (M)
HYLIDAE



49 *Hypsiboas rosenbergi*
HYLIDAE

50 *Hypsiboas rosenbergi* (juv.)
HYLIDAE

51 *Ptychohyla legleri* (M)
HYLIDAE

52 *Scinax boulengeri* (M)
HYLIDAE



53 *Scinax elaeochrous*
HYLIDAE

54 *Smilisca phaeota* (M)
HYLIDAE

55 *Smilisca phaeota* (M)
HYLIDAE

56 *Smilisca sila* (F)
HYLIDAE



57 *Smilisca sila* (M)
HYLIDAE

58 *Smilisca sordida* (M)
HYLIDAE

59 *Trachycephalus typhonius* (M)
HYLIDAE

60 *Engystomops pustulosus*
LEPTODACTYLIDAE

Amphibians and Reptiles of Costa Ballena, Costa Rica

4

César L. Barrio-Amorós
Doc Frog Expeditions

All photos by C.L. Barrio-Amorós except those by Twan Leenders (TL), Jose Medina (JM), Victor Acosta (VA), Gary Kritzinger (GK) and Roel de Plecker (RDP)

Produced by: C.L. Barrio-Amorós

© César L. Barrio-Amorós [cesarlba@yahoo.com]. Thanks to: Quetzal Dwyer and Roel de Plecker (Reptilandia, Costa Rica); Victor Acosta and Bill Lamar

(M) Male, (F) Female, and (Juv.) Juvenile.

[fieldguides.fieldmuseum.org]

[772] version 1 05/2016



61 *Leptodactylus fragilis*
photo AAS
LEPTODACTYLIDAE



62 *Leptodactylus insularum*
photo AAS
LEPTODACTYLIDAE



63 *Leptodactylus melanonotus*
photo: Paulo dos Santos
LEPTODACTYLIDAE



64 *Leptodactylus poecilochilus*
LEPTODACTYLIDAE



65 *Leptodactylus savagei*
LEPTODACTYLIDAE



66 *Leptodactylus savagei* (M)
LEPTODACTYLIDAE



67 *Lithobates warszewitschii*
LEPTODACTYLIDAE



68 *Bolitoglossa lignicolor*
PLETHODONTIDAE



69 *Oedipina alleni*
PLETHODONTIDAE



70 *Oedipina alleni*
PLETHODONTIDAE



71 *Caiman fuscus*
ALLIGATORIDAE



72 *Crocodylus acutus*
CROCODYLIDAE



73 *Kinosternon scorpioides*
KINOSTERNIDAE



74 *Trachemys emolli*
EMYDIDAE



75 *Colaptychon rhombifer* (Juv.)
ANGUIDAE



76 *Colaptychon rhombifer* (M)
ANGUIDAE



77 *Gonatodes fuscus* (M)
SPHAERODACTYLIDAE



78 *Gonatodes fuscus* (F)
SPHAERODACTYLIDAE



79 *Lepidoblepharis xantostigma*
SPHAERODACTYLIDAE



80 *Sphaerodactylus graptolaemus*
GEKKONIDAE

Amphibians and Reptiles of Costa Ballena, Costa Rica

5

César L. Barrio-Amorós
Doc Frog Expeditions

All photos by C.L. Barrio-Amorós except those by Twan Leenders (TL), Jose Medina (JM), Victor Acosta (VA), Gary Kritzinger (GK) and Roel de Plecker (RDP)

Produced by: C.L. Barrio-Amorós














© César L. Barrio-Amorós [cesarlba@yahoo.com]. Thanks to: Quetzal Dwyer and Roel de Plecker (Reptilandia, Costa Rica); Victor Acosta and Bill Lamar

(M) Male, (F) Female, and (Juv.) Juvenile.

[fieldguides.fieldmuseum.org]

[772]

version 1 05/2016

			
81 <i>Lepidodactylus lugubris</i> GEKKONIDAE	82 <i>Hemidactylus frenatus</i> GEKKONIDAE	83 <i>Thecadactylus rapicauda</i> PHYLLODACTYLIDAE	84 <i>Anadia ocellata</i> GYMNOPHTALMIDAE <small>photo JM</small>
			
85 <i>Gymnophthalmus speciosus</i> GYMNOPHTALMIDAE	86 <i>Leposoma southi</i> GYMNOPHTALMIDAE	87 <i>Potamites apodemus</i> GYMNOPHTALMIDAE	88 <i>Iguana iguana</i> (M) IGUANIDAE
			
89 <i>Iguana iguana</i> (Juv.) IGUANIDAE	90 <i>Ctenosaura similis</i> (F) IGUANIDAE	91 <i>Basiliscus basiliscus</i> (M) CORYTOPHANIDAE	92 <i>Basiliscus basiliscus</i> (Juv.) CORYTOPHANIDAE
			
93 <i>Corytophanes cristatus</i> CORYTOPHANIDAE	94 <i>Norops aquaticus</i> DACTYLOIDAE	95 <i>Norops biporcatus</i> DACTYLOIDAE	96 <i>Norops capito</i> DACTYLOIDAE
			
97 <i>Norops charlesmyersi</i> (M) DACTYLOIDAE	98 <i>Norops cupreus</i> (M) DACTYLOIDAE	99 <i>Norops lemurinus</i> DACTYLOIDAE	100 <i>Norops limifrons</i> DACTYLOIDAE

Amphibians and Reptiles of Costa Ballena, Costa Rica

6

César L. Barrio-Amorós
Doc Frog Expeditions

All photos by C.L. Barrio-Amorós except those by Twan Leenders (TL), Jose Medina (JM), Victor Acosta (VA), Gary Kritzing (GK) and Roel de Plecker (RDP)

Produced by: C.L. Barrio-Amorós

© César L. Barrio-Amorós [cesarlba@yahoo.com]. Thanks to: Quetzal Dwyer and Roel de Plecker (Reptilandia, Costa Rica); Victor Acosta and Bill Lamar

(M) Male, (F) Female, and (Juv.) Juvenile.

[fieldguides.fieldmuseum.org]

[772]

version 1 05/2016

			
101 <i>Norops marsupialis</i> (M) DACTYLOIDAE	102 <i>Norops marsupialis</i> (F) DACTYLOIDAE	103 <i>Norops marsupialis</i> (Juv.) DACTYLOIDAE	104 <i>Norops oxylophus</i> (M) DACTYLOIDAE
			
105 <i>Norops oxylophus</i> (Juv.) DACTYLOIDAE	106 <i>Norops polylepis</i> (M) DACTYLOIDAE	107 <i>Norops polylepis</i> (F) DACTYLOIDAE	108 <i>Norops woodi</i> (M) DACTYLOIDAE
			
109 <i>Polychrus gutturosus</i> <small>photo RDP</small> POLYCHROTIDAE	110 <i>Marisora unimarginata</i> MABUYIDAE	111 <i>Scincella cherriei</i> SCINCIDAE	112 <i>Holcosus leptophrys</i> (M) TEIIDAE
			
113 <i>Holcosus leptophrys</i> (F) TEIIDAE	114 <i>Holcosus leptophrys</i> (Juv.) TEIIDAE	115 <i>Holcosus quadrilineatus</i> TEIIDAE	116 <i>Lepidophyma reticulata</i> XANTUSIIDAE
			
117 <i>Lepidophyma reticulata</i> (Juv.) XANTUSIIDAE	118 <i>Boa imperator</i> (Juv.) BOIDAE	119 <i>Corallus ruschenbergerii</i> BOIDAE	120 <i>Corallus ruschenbergerii</i> (Juv.) BOIDAE

Amphibians and Reptiles of Costa Ballena, Costa Rica

7

César L. Barrio-Amorós
Doc Frog Expeditions

All photos by C.L. Barrio-Amorós except those by Twan Leenders (TL), Jose Medina (JM), Victor Acosta (VA), Gary Kritzinger (GK) and Roel de Plecker (RDP)

Produced by: C.L. Barrio-Amorós

© César L. Barrio-Amorós [cesarlba@yahoo.com]. Thanks to: Quetzal Dwyer and Roel de Plecker (Reptilandia, Costa Rica); Victor Acosta and Bill Lamar

(M) Male, (F) Female, and (Juv.) Juvenile.

[fieldguides.fieldmuseum.org]

[772]

version 1 05/2016



121 *Epicrates maurus*
BOIDAE



122 *Epicrates maurus* (Juv.)
BOIDAE



123 *Ungaliophis panamensis*
UNGALIOPHIDAE



124 *Chironius flavopictus*
photo: GK
COLUBRIDAE



125 *Chironius grandisquamis*
COLUBRIDAE



126 *Dendrophidion crybellum*
photo:RDP
COLUBRIDAE



127 *Drymarchon melanurus*
COLUBRIDAE



128 *Drymobius margaritiferus*
photo:RDP
COLUBRIDAE



129 *Drymobius margaritiferus*
COLUBRIDAE



130 *Lampropeltis abnorma*
COLUBRIDAE



131 *Leptophis nebulosus*
COLUBRIDAE



132 *Leptophis occidentalis*
photo:RDP
COLUBRIDAE



133 *Leptophis occidentalis*
COLUBRIDAE



134 *Mastigodryas melanolomus*
COLUBRIDAE



135 *Oxybelis aeneus*
COLUBRIDAE



136 *Phrynonax poecilonotus*
COLUBRIDAE



137 *Phrynonax poecilonotus*
COLUBRIDAE



138 *Spilotes pullatus*
COLUBRIDAE



139 *Stenorrhina degenhardtii*
photo RDP
COLUBRIDAE



140 *Tantilla ruficeps*
COLUBRIDAE

Amphibians and Reptiles of Costa Ballena, Costa Rica

8

César L. Barrio-Amorós
Doc Frog Expeditions

All photos by C.L. Barrio-Amorós except those by Twan Leenders (TL), Jose Medina (JM), Victor Acosta (VA), Gary Kritzinger (GK) and Roel de Plecker (RDP)

Produced by: C.L. Barrio-Amorós





© César L. Barrio-Amorós [cesarlba@yahoo.com]. Thanks to: Quetzal Dwyer and Roel de Plecker (Reptilandia, Costa Rica); Victor Acosta and Bill Lamar

(M) Male, (F) Female, and (Juv.) Juvenile.

[fieldguides.fieldmuseum.org]

[772]

version 1 05/2016

			
141 <i>Amastridium veliferum</i> DIPSADIDAE	142 <i>Clelia clelia</i> (Juv.) DIPSADIDAE <small>photo: RDP</small>	143 <i>Clelia clelia</i> DIPSADIDAE	144 <i>Coniophanes fissidens</i> DIPSADIDAE
			
145 <i>Enuliophis sclateri</i> DIPSADIDAE <small>photo: GK</small>	146 <i>Geophis hoffmani</i> DIPSADIDAE	147 <i>Hydromorphus concolor</i> DIPSADIDAE	148 <i>Imantodes cenchoa</i> DIPSADIDAE
			
149 <i>Imantodes inornatus</i> DIPSADIDAE	150 <i>Leptodeira septentrionalis</i> DIPSADIDAE	151 <i>Leptodeira rubricata</i> DIPSADIDAE	152 <i>Ninia maculata</i> DIPSADIDAE
			
153 <i>Nothopsis rugosus</i> DIPSADIDAE	154 <i>Nothopsis rugosus</i> DIPSADIDAE <small>photo: RDP</small>	155 <i>Oxyrhopus petolarius</i> DIPSADIDAE	156 <i>Rhadinaea decorata</i> DIPSADIDAE
			
157 <i>Sibon nebulatus</i> DIPSADIDAE	158 <i>Siphlophis compressus</i> DIPSADIDAE	159 <i>Hydrophis platurus</i> ELAPIDAE	160 <i>Micrurus alleni</i> ELAPIDAE

Amphibians and Reptiles of Costa Ballena, Costa Rica

9

César L. Barrio-Amorós
Doc Frog Expeditions

All photos by C.L. Barrio-Amorós except those by Twan Leenders (TL), Jose Medina (JM), Victor Acosta (VA), Gary Kritzinger (GK) and Roel de Plecker (RDP)

Produced by: C.L. Barrio-Amorós









© César L. Barrio-Amorós [cesarlba@yahoo.com]. Thanks to: Quetzal Dwyer and Roel de Plecker (Reptilandia, Costa Rica); Victor Acosta and Bill Lamar

(M) Male, (F) Female, and (Juv.) Juvenile.

[fieldguides.fieldmuseum.org]

[772]

version 1 05/2016

			
161 <i>Micrurus clarki</i> ELAPIDAE <small>photo RDP</small>	162 <i>Micrurus nigrocinctus</i> ELAPIDAE	163 <i>Atropoides mexicanus</i> VIPERIDAE <small>photo RDP</small>	164 <i>Bothriechis schlegelii</i> VIPERIDAE
			
165 <i>Bothriechis schlegelii</i> VIPERIDAE	166 <i>Bothrops asper</i> VIPERIDAE	167 <i>Lachesis melanocephala</i> VIPERIDAE	168 <i>Lachesis melanocephala</i> VIPERIDAE

César L. Barrio-Amorós es explorador herpetológico y fotógrafo. Ha trabajado en varios países suramericanos, destacándose en Venezuela, donde ha descrito más de 50 especies nuevas para la ciencia. Actualmente vive en Uvita, Costa Ballena, Costa Rica.

César L. Barrio-Amorós is a Herpetological explorer and photographer. He has worked in many South American countries, especially in Venezuela, where he has described more than 50 new species. He currently lives in Uvita, Costa Ballena, Costa Rica.



Castellano: La Herpetofauna de esta zona de Costa Rica está apenas estudiada, debido a que el acceso por carretera es muy reciente. La región que ahora se conoce como Costa Ballena (de Dominical a Ojochal por la línea costera, pero hasta 1000 m de altitud hacia Tinamastes por la Cordillera Brunca) posee grandes atractivos naturales y cada vez atrae más turistas interesados en naturaleza. Esta es la primera guía regional de anfibios y reptiles de esta zona, creada para ayudar a identificar las especies a primera vista, tanto para locales como para foráneos.

Todas las serpientes de las familias Elapidae y Viperidae deben considerarse venenosas y muy peligrosas, por lo que hay que evitarlas y alejarse de ellas.

English: The herpetofauna of this area of Costa Rica remains poorly known, because it was inaccessible by road until recently. The region now known as Costa Ballena (from Dominical to Ojochal following the coastline, but up to 1000 masl in Tinamastes through the Brunca Mountain chain) possesses many natural attractions. Every day more and more tourists interested in nature are attracted to the area. This is the first regional guide of amphibians and reptiles, made to help visual identification, both for locals and visitors.

All snakes of the families Elapidae and Viperidae must be considered highly venomous, and should be avoided.