

Supplementary Material

Phylogenetic and phylogeographic insights on Trans-Andean spectacled caiman populations in Colombia

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Table S1. Spectacled caiman (*Caiman crocodilus*) sequences used for analysis in the present study including localities and haplotypes.

Author	Specimen voucher	Country	Locality	Longitude	Latitude	Haplotype	Scientific name	GenBank COI	GenBank CYTB
This study	B6	Colombia	Puerto Berrio (Antioquia)	6°27'32.40"N	74°21'47.30"W	Cc17	<i>Caiman crocodilus fuscus</i>	OP435269	OP487533
This study	B8	Colombia	Puerto Berrio (Antioquia)	6°27'32.40"N	74°21'47.30"W	Cc17	<i>C. crocodilus fuscus</i>	OP435270	OP487534
This study	B10	Colombia	Puerto Berrio (Antioquia)	6°27'32.40"N	74°21'47.30"W	Cc17	<i>C. crocodilus fuscus</i>	OP435271	OP487535
This study	B12	Colombia	Puerto Berrio (Antioquia)	6°27'32.40"N	74°21'47.30"W	Cc18	<i>C. crocodilus fuscus</i>	OP435272	OP487536
This study	B14	Colombia	Puerto Berrio (Antioquia)	6°27'32.40"N	74°21'47.30"W	Cc17	<i>C. crocodilus fuscus</i>	OP435273	OP487537
This study	B18	Colombia	Puerto Berrio (Antioquia)	6°27'32.40"N	74°21'47.30"W	Cc17	<i>C. crocodilus fuscus</i>	OP435274	OP487538
This study	B31	Colombia	Ciénaga de bellavista (Choco)	6°31'05.30"N	76°55'49.30"W	Cc12	<i>C. crocodilus fuscus</i>	OP435275	OP487539
This study	B35	Colombia	San Jose de la Calle (Choco)	6°31'05.30"N	76°55'49.30"W	Cc12	<i>C. crocodilus fuscus</i>	OP435276	OP487540
This study	B40	Colombia	Bellavista (Choco)	6°31'05.30"N	76°55'49.30"W	Cc16	<i>C. crocodilus fuscus</i>	OP435342	OP487541
This study	B45	Colombia	Bellavista (Choco)	6°31'05.30"N	76°55'49.30"W	Cc12	<i>C. crocodilus fuscus</i>	OP435277	OP487542
This study	B49	Colombia	Bellavista (Choco)	6°31'05.30"N	76°55'49.30"W	Cc15	<i>C. crocodilus fuscus</i>	OP435278	OP487543
This study	B55	Colombia	Bellavista (Choco)	6°31'05.30"N	76°55'49.30"W	Cc14	<i>C. crocodilus fuscus</i>	OP435279	OP487544
This study	B56	Colombia	Ciénaga de Marriaga (Choco)	08°06'29.87"N	76°58'27.21"W	Cc14	<i>C. crocodilus fuscus</i>	OP435280	OP487545
This study	B59	Colombia	Ciénaga de Marriaga (Choco)	08°06'29.87"N	76°58'27.21"W	Cc12	<i>C. crocodilus fuscus</i>	OP435282	OP487546
This study	B62	Colombia	Ciénaga de Marriaga (Choco)	08°06'29.87"N	76°58'27.21"W	Cc12	<i>C. crocodilus fuscus</i>	OP435281	OP487547
This study	B65	Colombia	Ciénaga de Marriaga (Choco)	08°06'29.87"N	76°58'27.21"W	Cc13	<i>C. crocodilus fuscus</i>	OP435283	OP487548
This study	B68	Colombia	Ciénaga de Marriaga (Choco)	08°06'29.87"N	76°58'27.21"W	Cc15	<i>C. crocodilus fuscus</i>	OP435284	OP487549
This study	B71	Colombia	Ciénaga de Marriaga (Choco)	08°06'29.87"N	76°58'27.21"W	Cc12	<i>C. crocodilus fuscus</i>	OP435285	OP487550
This study	B83	Colombia	Ciénaga la Honda (Choco)	07°34'53.01"N	77°10'35.42"W	Cc12	<i>C. crocodilus fuscus</i>	OP435336	OP487551
This study	B88	Colombia	Ciénaga la Honda (Choco)	07°34'53.01"N	77°10'35.42"W	Cc12	<i>C. crocodilus fuscus</i>	OP435286	OP487552
This study	B93	Colombia	Ciénaga la Honda (Choco)	07°34'53.01"N	77°10'35.42"W	Cc12	<i>C. crocodilus fuscus</i>	OP435287	OP487553
This study	B98	Colombia	Ciénaga la Honda (Choco)	07°34'53.01"N	77°10'35.42"W	Cc12	<i>C. crocodilus fuscus</i>	OP435288	OP487554
This study	B100	Colombia	Ciénaga la Honda (Choco)	07°34'53.01"N	77°10'35.42"W	Cc12	<i>C. crocodilus fuscus</i>	OP435289	OP487555
This study	B103	Colombia	Ciénaga la Honda (Choco)	07°34'53.01"N	77°10'35.42"W	Cc4	<i>C. crocodilus fuscus</i>	OP435290	OP487556
This study	B104	Colombia	Pedeguita - Rio Sucio (Choco)	7°15'46.00"N	77°03'18.10"W	Cc12	<i>C. crocodilus fuscus</i>	OP435291	OP487557
This study	B108	Colombia	Pedeguita - Rio Sucio (Choco)	7°15'46.00"N	77°03'18.10"W	Cc12	<i>C. crocodilus fuscus</i>	OP435292	OP487558
This study	B112	Colombia	Pedeguita - Rio Sucio (Choco)	7°15'46.00"N	77°03'18.10"W	Cc12	<i>C. crocodilus fuscus</i>	OP435293	OP487559
This study	B116	Colombia	Pedeguita - Rio Sucio (Choco)	7°15'46.00"N	77°03'18.10"W	Cc12	<i>C. crocodilus fuscus</i>	OP435294	OP487560
This study	B120	Colombia	Pedeguita - Rio Sucio (Choco)	7°15'46.00"N	77°03'18.10"W	Cc12	<i>C. crocodilus fuscus</i>	OP435295	OP487561
This study	B124	Colombia	Pedeguita - Rio Sucio (Choco)	7°15'46.00"N	77°03'18.10"W	Cc12	<i>C. crocodilus fuscus</i>	OP435296	OP487562
This study	B163	Colombia	Zulia (Norte de Santander)	7°57'03.28"N	72°36'58.79"W	Cc03	<i>C. crocodilus fuscus</i>	OP435297	OP487563
This study	B165	Colombia	Zulia (Norte de Santander)	7°57'03.28"N	72°36'58.79"W	Cc03	<i>C. crocodilus fuscus</i>	OP435298	OP487564
This study	B171	Colombia	Río Tibu (Tres Bocas) (Norte de Santander)	8°37'14.70"N	72°39'24.80"W	Cc03	<i>C. crocodilus fuscus</i>	OP435299	OP487565
This study	B172	Colombia	Río Tibu (Tres Bocas) (Norte de Santander)	8°37'14.70"N	72°39'24.80"W	Cc03	<i>C. crocodilus fuscus</i>	OP435300	OP487566
This study	B173	Colombia	Río Tibu (Tres Bocas) (Norte de Santander)	8°37'14.70"N	72°39'24.80"W	Cc03	<i>C. crocodilus fuscus</i>	OP435301	OP487567
This study	B174	Colombia	Río Tibu (Tres Bocas) (Norte de Santander)	8°37'14.70"N	72°39'24.80"W	Cc03	<i>C. crocodilus fuscus</i>	OP435337	OP487568

Author	Specimen voucher	Country	Locality	Longitude	Latitude	Haplotype	Scientific name	GenBank COI	GenBank CYTB
This study	B182	Colombia	Arjona - Bolivar (Cienaguita, Gambota-Cienaga Juncal, canal del dique)	10°10'36.98"N	75°17'08.99"W	Cc10	<i>C. crocodilus fuscus</i>	OP435302	OP487569
This study	B190	Colombia	Arjona - Bolivar (Cienaguita)	10°10'36.98"N	75°17'08.99"W	Cc01	<i>C. crocodilus fuscus</i>	OP435303	OP487570
This study	B194	Colombia	Arjona - Bolivar (Cienaguita)	10°10'36.98"N	75°17'08.99"W	Cc01	<i>C. crocodilus fuscus</i>	OP435304	OP487571
This study	B198	Colombia	Arjona - Bolivar (Cienaguita)	10°10'36.98"N	75°17'08.99"W	Cc10	<i>C. crocodilus fuscus</i>	OP435343	OP487572
This study	B203	Colombia	Arjona - Bolivar (Cienaguita)	10°10'36.98"N	75°17'08.99"W	Cc10	<i>C. crocodilus fuscus</i>	OP435345	OP487573
This study	B205	Colombia	Vda El Carmelo, Represa la 36, Arboletes (Antioquia)	8°36'19.60"N	76°20'55.00"W	Cc11	<i>C. crocodilus fuscus</i>	OP435305	OP487574
This study	B208	Colombia	Vda El Carmelo, Represa la 36, Arboletes (Antioquia)	8°36'19.60"N	76°20'55.00"W	Cc11	<i>C. crocodilus fuscus</i>	OP435344	OP487575
This study	B211	Colombia	Vda El Carmelo, Represa la 36, Arboletes (Antioquia)	8°36'19.60"N	76°20'55.00"W	cc12	<i>C. crocodilus fuscus</i>	OP435338	OP487576
This study	B214	Colombia	Vda El Carmelo, Represa la 36, Arboletes (Antioquia)	8°36'19.60"N	76°20'55.00"W	Cc12	<i>C. crocodilus fuscus</i>	OP435306	OP487577
This study	B218	Colombia	Vda El Carmelo, Represa la 36, Arboletes (Antioquia)	8°36'19.60"N	76°20'55.00"W	Cc11	<i>C. crocodilus fuscus</i>	OP435307	OP487578
This study	B221	Colombia	Vda El Carmelo, Represa la 36, Arboletes (Antioquia)	8°36'19.60"N	76°20'55.00"W	Cc12	<i>C. crocodilus fuscus</i>	OP435308	OP487579
This study	B222	Colombia	Riohacha, Bajo Rancherías (Guajira)	11°32'33.37"N	72°54'05.91"W	Cc01	<i>C. crocodilus fuscus</i>	OP435309	OP487580
This study	B224	Colombia	Cerrejon la mina, (Guajira)	11°08'15.32"N	72°36'45.99"W	Cc01	<i>C. crocodilus fuscus</i>	OP435310	OP487581
This study	B227	Colombia	Cerrejon la mina, (Guajira)	11°08'15.32"N	72°36'45.99"W	Cc02	<i>C. crocodilus fuscus</i>	OP435311	OP487582
This study	B230	Colombia	Cerrejon la mina, (Guajira)	11°08'15.32"N	72°36'45.99"W	Cc02	<i>C. crocodilus fuscus</i>	OP435312	OP487583
This study	B233	Colombia	Cerrejon la mina, (Guajira)	11°08'15.32"N	72°36'45.99"W	Cc02	<i>C. crocodilus fuscus</i>	OP435313	OP487584
This study	B236	Colombia	Cerrejon la mina, (Guajira)	11°08'15.32"N	72°36'45.99"W	Cc01	<i>C. crocodilus fuscus</i>	OP435346	OP487585
This study	B244	Colombia	Condoto (Choco)	5°01'53.80"N	76°41'32.6"W	Cc19	<i>C. crocodilus fuscus</i>	OP435314	OP487586
This study	B245	Colombia	Condoto (Choco)	5°01'53.80"N	76°41'32.6"W	Cc19	<i>C. crocodilus fuscus</i>	OP435315	OP487587
This study	B246	Colombia	Jigualito (Choco)	5°01'56.02"N	76°41'22.92"W	Cc19	<i>C. crocodilus fuscus</i>	OP435316	OP487588
This study	B247	Colombia	Jigualito (Choco)	5°01'56.02"N	76°41'22.92"W	Cc19	<i>C. crocodilus fuscus</i>	OP435317	OP487589
This study	B248	Colombia	Jigualito (Choco)	5°01'56.02"N	76°41'22.92"W	Cc19	<i>C. crocodilus fuscus</i>	OP435318	OP487590
This study	B250	Colombia	Jigualito (Choco)	5°01'56.02"N	76°41'22.92"W	Cc19	<i>C. crocodilus fuscus</i>	OP435319	OP487591
This study	B269	Colombia	Palermo (Huila)	2°50'38.10"N	75°21'26.20"W	Cc05	<i>C. crocodilus fuscus</i>	OP435320	OP487592
This study	B275	Colombia	Palermo (Huila)	2°50'38.10"N	75°21'26.20"W	Cc08	<i>C. crocodilus fuscus</i>	OP435339	OP487593
This study	B281	Colombia	Palermo (Huila)	2°50'38.10"N	75°21'26.20"W	Cc11	<i>C. crocodilus fuscus</i>	OP435340	OP487594
This study	B287	Colombia	Palermo (Huila)	2°50'38.10"N	75°21'26.20"W	Cc01	<i>C. crocodilus fuscus</i>	OP435321	OP487595
This study	B292	Colombia	Palermo (Huila)	2°55'10.13"N	75°17'23.09"W	Cc01	<i>C. crocodilus fuscus</i>	OP435322	OP487596
This study	B293	Colombia	Palermo (Huila)	2°50'38.10"N	75°21'26.20"W	Cc06	<i>C. crocodilus fuscus</i>	OP435326	OP487597
This study	B294	Colombia	Barbacoas (Nariño)	1°40'08.64"N	78°08'31.02"W	Cc19	<i>C. crocodilus fuscus</i>	OP435323	OP487598
This study	B295	Colombia	Laguna Piri-Mpio Roberto Payan (Nariño)	1°46'57.30"N	78°19'32.30"W	Cc19	<i>C. crocodilus fuscus</i>	OP435324	OP487599
This study	B296	Colombia	Laguna Piri-Mpio Roberto Payan (Nariño)	1°46'57.30"N	78°19'32.30"W	Cc19	<i>C. crocodilus fuscus</i>	OP435341	OP487600
This study	B297	Colombia	Laguna Piri-Mpio Roberto Payan (Nariño)	1°46'57.30"N	78°19'32.30"W	Cc19	<i>C. crocodilus fuscus</i>	OP435325	OP487601

Author	Specimen voucher	Country	Locality	Longitude	Latitude	Haplotype	Scientific name	GenBank COI	GenBank CYTB
This study	B298	Colombia	Laguna Piri-Mpio Roberto Payan (Nariño)	1°46'57.30"N	78°19'32.30"W	Cc19	<i>C. crocodilus fuscus</i>	OP435327	OP487602
This study	B301	Colombia	Guapi (Cauca)	2°34'43.70"N	77°53'40.30"W	Cc19	<i>C. crocodilus fuscus</i>	OP435328	OP487603
This study	B322	Colombia	Ciénaga Costilla (Cesar)	8°44'29.64"N	73°43'48.40"W	Cc02	<i>C. crocodilus fuscus</i>	OP435329	OP487604
This study	928	Colombia	San Juan de Rio Seco (Cundinamarca)	4°49'52,19"N	74°37'40,94"W	Cc07	<i>C. crocodilus fuscus</i>	OP435330	OP487605
This study	930	Colombia	San Juan de Rio Seco (Cundinamarca)	4°49'52,19"N	74°37'40,94"W	Cc08	<i>C. crocodilus fuscus</i>	OP435331	OP487606
This study	931	Colombia	San Juan de Rio Seco (Cundinamarca)	4°49'52,19"N	74°37'40,94"W	Cc08	<i>C. crocodilus fuscus</i>	OP435332	OP487607
This study	934	Colombia	San Juan de Rio Seco (Cundinamarca)	4°49'52,19"N	74°37'40,94"W	Cc08	<i>C. crocodilus fuscus</i>	OP435333	OP487608
This study	935	Colombia	San Juan de Rio Seco (Cundinamarca)	4°49'52,19"N	74°37'40,94"W	Cc08	<i>C. crocodilus fuscus</i>	OP435334	OP487609
This study	938	Colombia	San Juan de Rio Seco (Cundinamarca)	4°49'52,19"N	74°37'40,94"W	Cc09	<i>C. crocodilus fuscus</i>	OP435335	OP487610
Díaz-Moreno <i>et al.</i> 2021	SB3	Colombia	Hidroprado Dam, Prado	3.7544	-74.8840	-	<i>C. crocodilus fuscus</i>	MT511637	MT512599
Díaz-Moreno <i>et al.</i> 2021	SB10	Colombia	Hidroprado Dam, Prado	3.7544	-74.8840	-	<i>C. crocodilus fuscus</i>	MT511631	MT512600
Díaz-Moreno <i>et al.</i> 2021	SB12	Colombia	Hidroprado Dam, Prado	3.7544	-74.8840	-	<i>C. crocodilus fuscus</i>	MT511634	MT512601
Díaz-Moreno <i>et al.</i> 2021	SB14	Colombia	Hidroprado Dam, Prado	3.7544	-74.8840	-	<i>C. crocodilus fuscus</i>	MT511632	MT512602
Díaz-Moreno <i>et al.</i> 2021	SB17	Colombia	Hidroprado Dam, Prado	3.7544	-74.8840	-	<i>C. crocodilus fuscus</i>	MT511633	MT512603
Díaz-Moreno <i>et al.</i> 2021	SB19	Colombia	Hidroprado Dam, Prado	3.7544	-74.8840	-	<i>C. crocodilus fuscus</i>	MT511635	MT512604
Díaz-Moreno <i>et al.</i> 2021	SB21	Colombia	La Mariposa Lagoon, Ibagué	4.3943	-75.1260	-	<i>C. crocodilus fuscus</i>	MT511624	MT512587
Díaz-Moreno <i>et al.</i> 2021	SB22	Colombia	Río Viejo Wetland, San Luis	4.1331	-75.0888	-	<i>C. crocodilus fuscus</i>	MT511617	MT512606
Díaz-Moreno <i>et al.</i> 2021	SB23	Colombia	La Mariposa Lagoon, Ibagué	4.3943	-75.1260	-	<i>C. crocodilus fuscus</i>	MT511625	MT512588
Díaz-Moreno <i>et al.</i> 2021	SB24	Colombia	Río Viejo Wetland, San Luis	4.1331	-75.0888	-	<i>C. crocodilus fuscus</i>	MT511613	MT512607
Díaz-Moreno <i>et al.</i> 2021	SB25	Colombia	Río Viejo Wetland, San Luis	4.1331	-75.0888	-	<i>C. crocodilus fuscus</i>	MT511615	MT512608
Díaz-Moreno <i>et al.</i> 2021	SB26	Colombia	La Mariposa Lagoon, Ibagué	4.3943	-75.1260	-	<i>C. crocodilus fuscus</i>	MT511619	MT512589
Díaz-Moreno <i>et al.</i> 2021	SB27	Colombia	La Mariposa Lagoon, Ibagué	4.3943	-75.1260	-	<i>C. crocodilus fuscus</i>	MT511620	MT512590
Díaz-Moreno <i>et al.</i> 2021	SB28	Colombia	La Mariposa Lagoon, Ibagué	4.3943	-75.1260	-	<i>C. crocodilus fuscus</i>	MT511621	MT512591
Díaz-Moreno <i>et al.</i> 2021	SB29	Colombia	La Mariposa Lagoon, Ibagué	4.3943	-75.1260	-	<i>C. crocodilus fuscus</i>	MT511623	MT512592
Díaz-Moreno <i>et al.</i> 2021	SB30	Colombia	La Mariposa Lagoon, Ibagué	4.3943	-75.1260	-	<i>C. crocodilus fuscus</i>	MT511622	MT512593
Díaz-Moreno <i>et al.</i> 2021	SB32	Colombia	Hidroprado Dam, Prado	3.7544	-74.8840	-	<i>C. crocodilus fuscus</i>	MT511636	MT512605
Díaz-Moreno <i>et al.</i> 2021	SB99	Colombia	Río Viejo Wetland, San Luis	4.1331	-75.0888	-	<i>C. crocodilus fuscus</i>	MT511618	MT512609
Díaz-Moreno <i>et al.</i> 2021	SB100	Colombia	Río Viejo Wetland, San Luis	4.1331	-75.0888	-	<i>C. crocodilus fuscus</i>	MT511612	MT512610
Díaz-Moreno <i>et al.</i> 2021	SB101	Colombia	Río Viejo Wetland, San Luis	4.1331	-75.0888	-	<i>C. crocodilus fuscus</i>	MT511614	MT512611
Díaz-Moreno <i>et al.</i> 2021	SB102	Colombia	Río Viejo Wetland, San Luis	4.1331	-75.0888	-	<i>C. crocodilus fuscus</i>	MT511616	MT512612
Venegas-Anaya <i>et al.</i> 2008	CACrfu13RSJuan	Costa Rica	Río San Juan	-84.7833	10.8667	-	<i>C. crocodilus fuscus</i>	EU26016	EU496817
Venegas-Anaya <i>et al.</i> 2008	CACrfu31RSJuan	Costa Rica	Río San Juan	-84.7833	10.8667	-	<i>C. crocodilus fuscus</i>	EU26017	EU496818
Venegas-Anaya <i>et al.</i> 2008	CACrfu41RSJuan	Costa Rica	Río San Juan	-84.7833	10.8667	-	<i>C. crocodilus fuscus</i>	EU26018	EU496819
Venegas-Anaya <i>et al.</i> 2008	CACrfu42RSarapiqui	Costa Rica	Río Sarapiquí	-84.0000	10.5000	-	<i>C. crocodilus fuscus</i>	EU26019	EU496820
Venegas-Anaya <i>et al.</i> 2008	CACrfu44RSarapiqui	Costa Rica	Río Sarapiquí	-84.0000	10.5000	-	<i>C. crocodilus fuscus</i>	EU26020	EU496821
Venegas-Anaya <i>et al.</i> 2008	CACrfu46RCSucia	Salvador	Río Cara Sucia	13.7618	-89.9409	-	<i>C. crocodilus fuscus</i>	EU26021	EU496822
Venegas-Anaya <i>et al.</i> 2008	CACrfu47RCSucia	Salvador	Río Cara Sucia	13.7618	-89.9409	-	<i>C. crocodilus fuscus</i>	EU26022	EU496823
Venegas-Anaya <i>et al.</i> 2008	CACrfu48RCSucia	Salvador	Río Cara Sucia	13.7618	-89.9409	-	<i>C. crocodilus fuscus</i>	EU26023	EU496824
Venegas-Anaya <i>et al.</i> 2008	CACrfu49SSalvador	Salvador	San Salvador	-88.6963	13.2439	-	<i>C. crocodilus fuscus</i>	EU26024	EU496825
Venegas-Anaya <i>et al.</i> 2008	CACrfu51SSalvador	Salvador	San Salvador	-88.6963	13.2439	-	<i>C. crocodilus fuscus</i>	EU26025	EU496826
Venegas-Anaya <i>et al.</i> 2008	CACrfu53SSalvador	Salvador	San Salvador	-88.6963	13.2439	-	<i>C. crocodilus fuscus</i>	EU26026	EU496827
Venegas-Anaya <i>et al.</i> 2008	CACrfu55SSalvador	Salvador	San Salvador	-88.6963	13.2439	-	<i>C. crocodilus fuscus</i>	EU26027	EU496828
Venegas-Anaya <i>et al.</i> 2008	CACrfu59RParritaCRPAC	Costa Rica	Río Parrita	9.5000	-84.3333	-	<i>C. crocodilus fuscus</i>	EU26028	EU496829

Author	Specimen voucher	Country	Locality	Longitude	Latitude	Haplotype	Scientific name	GenBank COI	GenBank CYTB
Venegas-Anaya <i>et al.</i> 2008	CAcrfu62RParritaCRPAC	Costa Rica	Río Parrita	9.5000	-84.3333	-	<i>C. crocodilus fuscus</i>	EU26029	EU496830
Venegas-Anaya <i>et al.</i> 2008	CAcrfu66RParitaCRPAC	Costa Rica	Río Parrita	9.5000	-84.3333	-	<i>C. crocodilus fuscus</i>	EU26030	EU496831
Venegas-Anaya <i>et al.</i> 2008	CAcrfu69RParritaCRPAC	Costa Rica	Río Parrita	9.5000	-84.3333	-	<i>C. crocodilus fuscus</i>	EU26031	EU496832
Venegas-Anaya <i>et al.</i> 2008	CAcrfu70RArmilaPAATL	Panamá	Río Armila	8.6667	-77.4167	-	<i>C. crocodilus fuscus</i>	EU26032	EU496833
Venegas-Anaya <i>et al.</i> 2008	CAcrfu72RArmilaPAATL	Panamá	Río Armila	8.6667	-77.4167	-	<i>C. crocodilus fuscus</i>	EU26033	EU496834
Venegas-Anaya <i>et al.</i> 2008	CAcrfu74RArmilaPAATL	Panamá	Río Armila	8.6667	-77.4167	-	<i>C. crocodilus fuscus</i>	EU26034	EU496835
Venegas-Anaya <i>et al.</i> 2008	CAcrfu79RMagdalenaCOATL	Colombia	Río Magdalena	11.1000	-74.8500	-	<i>C. crocodilus fuscus</i>	EU26035	EU496836
Venegas-Anaya <i>et al.</i> 2008	CAcrfu83RTuirapAPAC	Panamá	Río Tuirá	8.5500	-78.0800	-	<i>C. crocodilus fuscus</i>	EU26036	EU496837
Venegas-Anaya <i>et al.</i> 2008	CAcrfu85RSanSanPAATL	Panamá	Río SanSan	9.5167	-82.5167	-	<i>C. crocodilus fuscus</i>	EU26037	EU496838
Venegas-Anaya <i>et al.</i> 2008	CAcrfu86RSanSanPAATL	Panamá	Río SanSan	9.5167	-82.5167	-	<i>C. crocodilus fuscus</i>	EU26038	EU496839
Venegas-Anaya <i>et al.</i> 2008	CAcrfu90RBalsaPAPAC	Panamá	Río Balsa	8.2000	-77.9900	-	<i>C. crocodilus fuscus</i>	EU26039	EU496840
Venegas-Anaya <i>et al.</i> 2008	CAcrfu95RLaMaestraPAPAC	Panamá	Río La Maestra	8.8800	-78.7300	-	<i>C. crocodilus fuscus</i>	EU26040	EU496841
Venegas-Anaya <i>et al.</i> 2008	CAcrfu106SJuaC	Panamá	Río San Juan	8.2500	-81.9800	-	<i>C. crocodilus fuscus</i>	EU26041	EU496842
Venegas-Anaya <i>et al.</i> 2008	CAcrfu108CulebraPAATL	Panamá	Canal de Panamá	9.5333	-79.2000	-	<i>C. crocodilus fuscus</i>	EU26042	EU496843
Venegas-Anaya <i>et al.</i> 2008	CAcrfu109CulebraPAATL	Panamá	Canal de Panamá	9.5333	-79.2000	-	<i>C. crocodilus fuscus</i>	EU26043	EU496844
Venegas-Anaya <i>et al.</i> 2008	CAcrch120Chiapas	México	Tapachula	14.9000	-92.2833	-	<i>C. crocodilus chiapasius</i>	EU26044	EU496845
Venegas-Anaya <i>et al.</i> 2008	CAcrch122Chiapas	México	Tapachula	14.9000	-92.2833	-	<i>C. crocodilus chiapasius</i>	EU26045	EU496846
Venegas-Anaya <i>et al.</i> 2008	CAcrch123Chiapas	México	Tapachula	14.9000	-92.2833	-	<i>C. crocodilus chiapasius</i>	EU26046	EU496847
Venegas-Anaya <i>et al.</i> 2008	CAcrfu139RChagresPAATL	Panamá	Río Chagres	9.2800	-79.9500	-	<i>C. crocodilus fuscus</i>	EU26047	EU496848
Venegas-Anaya <i>et al.</i> 2008	CAcrfu141RSJuanPAPAC	Panamá	Río San Juan	8.2500	-81.9800	-	<i>C. crocodilus fuscus</i>	EU26048	EU496849
Venegas-Anaya <i>et al.</i> 2008	CAcrfu142RSJuanPAPAC	Panamá	Río San Juan	8.2500	-81.9800	-	<i>C. crocodilus fuscus</i>	EU26049	EU496850
Roberto <i>et al.</i> 2020	CcB6	Colombia	Antioquia Department	7.1970	-75.3257	-	<i>C. crocodilus fuscus</i>	-	MT472962
Roberto <i>et al.</i> 2020	CcB55	Colombia	Choco Department	5.0550	-76.6762	-	<i>C. crocodilus fuscus</i>	-	MT472965
Roberto <i>et al.</i> 2020	CcB163	Colombia	Norte de Santander Department	8.2449	-72.5109	-	<i>C. crocodilus fuscus</i>	-	MT472967
Roberto <i>et al.</i> 2020	CcB182	Colombia	Bolivar Department	8.6451	-73.8246	-	<i>C. crocodilus fuscus</i>	-	MT472964
Roberto <i>et al.</i> 2020	CcB186	Colombia	Bolivar Department	8.6451	-73.8246	-	<i>C. crocodilus fuscus</i>	-	MT472963
Roberto <i>et al.</i> 2020	CcB224	Colombia	Guajira Department	11.2677	-72.9213	-	<i>C. crocodilus fuscus</i>	-	MT472968
Roberto <i>et al.</i> 2020	CcB244	Colombia	Choco Department	5.0550	-76.6762	-	<i>C. crocodilus fuscus</i>	-	MT472960
Roberto <i>et al.</i> 2020	CcB269	Colombia	Huila Department	2.6711	-75.4991	-	<i>C. crocodilus fuscus</i>	-	MT472966
Roberto <i>et al.</i> 2020	CcB294	Colombia	Narino Department	1.9082	-77.6480	-	<i>C. crocodilus fuscus</i>	-	MT472961
Roberto <i>et al.</i> 2020	YPM015707	Costa Rica	Río Pacuare, 7 km E of Siquerres	10.1319	-83.4444	-	<i>C. crocodilus fuscus</i>	-	MT473139
Roberto <i>et al.</i> 2020	YPM015708	Costa Rica	Río Pacuare, 7 km E of Siquerres	10.1319	-83.4444	-	<i>C. crocodilus fuscus</i>	-	MT473140
Roberto <i>et al.</i> 2020	YPM015710	Costa Rica	Sierpe River, Estuary	8.7978	-83.5553	-	<i>C. crocodilus fuscus</i>	-	MT473135
Roberto <i>et al.</i> 2020	YPM015717	Costa Rica	Sierpe River, canal	8.7978	-83.5553	-	<i>C. crocodilus fuscus</i>	-	MT473136
Roberto <i>et al.</i> 2020	YPM015718	Costa Rica	Sierpe River, canal	8.7978	-83.5553	-	<i>C. crocodilus fuscus</i>	-	MT473137
Roberto <i>et al.</i> 2020	YPM015720	Costa Rica	Ujuminila (private farm), 5–10 km N of San Rafael along the Río Frio	10.7515	-84.7774	-	<i>C. crocodilus fuscus</i>	-	MT473141
Roberto <i>et al.</i> 2020	YPM015721	Costa Rica	Ujuminila (private farm), 5–10 km N of San Rafael along the Río Frio	10.7515	-84.7774	-	<i>C. crocodilus fuscus</i>	-	MT472850
Roberto <i>et al.</i> 2020	YPM015722	Costa Rica	25 km N of San Rafael at confluence of Río Frio and Río Patos	10.9462	-84.7407	-	<i>C. crocodilus fuscus</i>	-	MT473142
Roberto <i>et al.</i> 2020	YPM015723	Costa Rica	Río Pacuare, 7 km E of Siquerres	10.1319	-83.4444	-	<i>C. crocodilus fuscus</i>	-	MT473138
Roberto <i>et al.</i> 2020	YPM015725	Costa Rica	Río Pacuare, 7 km E of Siquerres	10.1319	-83.4444	-	<i>C. crocodilus fuscus</i>	-	MT473143
Janke & Arnason 1997	-	-	-	-	-	-	<i>Alligator mississippiensis</i>	Y13113.1	Y13113.1

Author	Specimen voucher	Country	Locality	Longitude	Latitude	Haplotype	Scientific name	GenBank COI	GenBank CYTB
Wu <i>et al.</i> 2002	-	-	-	-	-	-	<i>A. sinensis</i>	AF511507.1	AF511507.1
Oaks, 2011	-	-	-	-	-	-	<i>C. latirostris</i>	JN311630.1	JF315308
Chambers and Hebert 2016; Oaks 2011	-	-	-	-	-	-	<i>Melanosuchus niger</i>	KU986330	JF315312.1
Roos and Janke 2007	-	-	-	-	-	-	<i>Paleosuchus trigonatus</i>	AM493869.1	AM493869.1

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Table S2. Geographical distance in kilometres between localities (left), and Pairwise F_{st} based on Nei's distance between localities (right).

Localities	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1		0.49774	0.39929	0.90013	-0.20000	0.80008	0.84019	0.64779	0.93341	0.81308	0.96851	0.85942	0.03966	0.93703	0.96510
2	311.30		0.17926	0.83357	0.35742	0.78592	0.78410	0.62920	0.86061	0.76138	0.92568	0.75420	0.03749	0.83381	0.91691
3	497.20	210.26		0.56998	0.01690	0.58424	0.36031	0.22668	0.40000	0.34877	0.76557	0.60442	0.15270	0.53115	0.74397
4	555.17	426.07	324.14		0.93559	0.97303	0.85738	0.71431	0.96009	0.82779	0.97682	0.93894	0.64232	0.95364	0.97429
5	293.46	233.83	288.51	263.48		1.00000	0.81840	0.48099	1.00000	0.76488	1.00000	0.86683	-0.48316	1.00000	1.00000
6	354.68	383.97	417.48	254.51	150.96		0.92320	0.77407	1.00000	0.90011	1.00000	0.94453	0.45210	1.00000	1.00000
7	585.39	295.68	88.36	341.75	364.07	480.60		0.00020	-0.00013	-0.10512	0.94757	0.90222	0.61036	0.89514	0.94197
8	638.57	355.91	145.99	334.95	401.06	504.58	62.74		0.00000	0.00020	0.87744	0.80867	0.45059	0.75488	0.86505
9	651.24	378.25	168.51	310.63	401.72	495.64	94.53	37.91		-0.00020	1.00000	0.95844	0.65962	1.00000	1.00000
10	699.80	445.66	241.02	283.98	431.12	502.31	177.05	121.43	84.02		0.93126	0.88489	0.59552	0.86251	0.92400
11	814.72	593.30	399.58	302.94	526.89	555.62	343.86	288.80	251.55	167.54		0.97446	0.81233	0.00000	0.00000
12	736.19	599.37	461.12	183.54	446.40	412.40	447.61	416.18	381.31	316.66	230.00		0.47250	0.94892	0.97168
13	971.53	816.19	650.59	417.20	680.68	644.42	612.69	564.51	526.60	444.61	285.07	235.54		0.62466	0.79434
14	1116.90	893.47	692.27	583.08	826.46	836.35	623.83	562.45	529.58	451.31	303.89	440.97	283.62		0.00000
15	1217.55	992.93	790.35	681.40	926.83	933.73	719.82	657.88	626.03	549.35	404.59	532.83	350.61	100.76	

Significant P -values < 0.05 are highlighted in green), non-significant P -values > 0.05 are highlighted in red. Loc, Localities; 1, Cerrejón; 2, Arjona; 3, Arboletes; 4, Puerto Berrío; 5, Ciénaga Costilla; 6, Zulia-Tres Bocas; 7, Ciénaga de Mariaga; 8, La Honda–La Poza; 9, Ciénaga la Pedeguita–Río Sucio; 10, Ciénaga de Bellavista–Bojaya 11, Condoto–Jigüalito; 12, Laguna Barrigona; 13, Palermo; 14, Guapi; 15, Roberto Payán.