

Anomalous pigmentation in American primates: Review and first record of a Leucistic Black Howler Monkey in Southeast Mexico

Jorge Ramos-Luna^a, María Fernanda Alvarez-Velazquez^a, Colin A. Chapman^{b,c,d,e}, Juan Carlos Serio-Silva^{a,*}

^aGrupo de Estudios Transdisciplinarios en Primatología, Red de Biología y Conservación de Vertebrados, Instituto de Ecología, Xalapa, Veracruz, México

^bWilson Center, 1300 Pennsylvania Avenue NW, Washington, DC 20004, USA

^cDepartment of Anthropology, George Washington University, Washington, DC 20052, USA

^dSchool of Life Sciences, University of KwaZulu-Natal, Pietermaritzburg, 3209, South Africa

^eShaanxi Key Laboratory for Animal Conservation, Northwest University, Xi'an, 710069, China

*Corresponding author; e-mail: juan.serio@inecol.mx

ORCID iDs: Chapman: 0000-0002-8827-8140; Serio-Silva: 0000-0002-0582-2041

Supplementary material

Table S1.

Species	Anomalous pigmentation	n	Country	Region	Year	Social media platform	Evidence provided	Hyperlink
Atelidae								
<i>Alouatta palliata</i> (Gray, 1849)	Leucism	1	Costa Rica	Caño negro	2019	Facebook	Photographic	https://bit.ly/3zKFFVf
	Leucism	1	Costa Rica	Caño negro	2020	Facebook	Photographic	https://bit.ly/2VdPs70
	Leucism	1	Costa Rica	Upala	2020	Facebook	Anecdotal	https://bit.ly/2VdPs70 **
	Leucism	1	Costa Rica	Isla Chira	2020	Facebook	Anecdotal	https://bit.ly/2VdPs70 **
	Leucism	1	Costa Rica	Caño negro	2019	Facebook	Photographic	https://bit.ly/3mXEsX0
	Leucism	1	Costa Rica	Undisclosed	2014	Facebook	Photographic	https://bit.ly/3teXoS4
	Leucism	1	Costa Rica	Caño negro	2019	Facebook	Photographic	https://bit.ly/3mZIAWs
	Piebaldism	1	Costa Rica	OET La selva	2014	Facebook	Photographic	https://bit.ly/3tfOwLV
	Leucism	1	Costa Rica	Caño negro	2014	Facebook	Photographic	https://bit.ly/3jJbwjg
	Leucism	1	Costa Rica	Sarapiquí	2016	Facebook	Photographic	https://bit.ly/3DQRT14
	Leucism	1	Costa Rica	Alajuela	2021	Instagram	Photographic	https://bit.ly/3teRssk
<i>Alouatta palliata mexicana</i> (Merriam, 1902)	Albinism	2	Mexico	Uxpanapa	2018	Facebook	Anecdotal	https://bit.ly/3teRsZm
<i>Ateles geoffroyi</i> (Kuhl, 1820)	Leucism	1	Costa Rica	Undisclosed	2021	Facebook	Video	https://bit.ly/3BDRSLV
	Albinism		Honduras	Catamacas	2021	Facebook	Photographic	https://bit.ly/3yOGSJI
<i>Ateles hybridus</i> (Geoffroy, 1829)	Leucism	1	Colombia	Magdalena River	2018	Facebook	Photographic	https://bit.ly/3n0xYqn
Callitrichidae						Facebook		
<i>Callithrix</i> sp. (Erxleben, 1777)*	Leucism	1	Brazil	Captivity	2020	Instagram	Photographic	https://bit.ly/3BEKO1y

<i>Callithrix jacchus</i> (Linnaeus, 1758)*	Leucism	1	Brazil	Captivity	2021	Instagram	Photographic	https://bit.ly/3yLaCHw
Cebidae								
<i>Cebus capucinus imitator</i> (Thomas, 1903)	Leucism	1	Panama	Coiba	2015	Twitter	Photographic	https://bit.ly/3yOGVFo
<i>Saimiri boliviensis</i> (Geoffroy, 1824)	Leucism	1	Peru	Limala	2015	Facebook	Photographic	https://bit.ly/3DL7AGN

*Observation in captivity.

**Anecdotal report on comment section.