

1 **Supplementary information.**

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3 **Table S1. Specimens examined at the Zoologisches Forschungsmuseum Alexander Koenig, Bonn (ZFMK)**
 4 **and the Museum für Naturkunde Berlin (ZMB)**

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6 Information for species, sex, origin and year as per label on the specimen except where noted otherwise.

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Collection number	Species	Sex	Origin	Year	Type of material
ZFMK_Mam_75.108	<i>Pithecia irrorata</i>	female	Duisburg Zoo	1975	skin
ZFMK_Mam_81.1818	<i>Pithecia aequatorialis</i>	male	Cologne Zoo	1981	skin
ZMB_Mam_245	<i>Pithecia pithecia</i>	male	Guiana	n.a.	mounted
ZMB_Mam_246	<i>Pithecia pithecia</i>	female	Guiana	n.a.	skin
ZMB_Mam_5653	<i>Pithecia</i> sp.	unknown	Sarayaca	n.a.	mounted
ZMB_Mam_5918	<i>Pithecia monachus</i>	male	Ecuador	n.a.	skin
ZMB_Mam_11890	<i>Pithecia monachus</i>	female	Zoologischer Garten	1899	skin
ZMB_Mam_16495	<i>Pithecia monachus</i>	female	Zoologischer Garten	n.a.	skin
ZMB_Mam_33939	<i>Pithecia monachus</i>	female	Canabouca (Amazon region)	1925	skin
ZMB_Mam_35308	<i>Pithecia monachus</i>	male	Ayapua (Rio Murus*)	1925	skin
ZMB_Mam_35461	<i>Pithecia monachus</i>	female	Canabouca (Amazon region)	1925	skin
ZMB_Mam_35768	<i>Pithecia monachus</i>	male	Ayapua (Rio Murus*)	1926	skin
ZMB_Mam_35769	<i>Pithecia monachus</i>	male	Ayapua (Rio Murus*)	1926	skin
ZMB_Mam_35984	<i>Pithecia monachus</i>	male	unknown	1925	skin
ZMB_Mam_38456	<i>Pithecia pithecia</i>	female	Manacapuru (Amazonas) [§]	1924	skin
ZMB_Mam_38457	<i>Pithecia pithecia</i>	female	Manacapuru (Amazonas) [§]	1924	skin
ZMB_Mam_38461	<i>Pithecia pithecia</i>	male	Manacapuru (Amazonas) [§]	1924	skin
ZMB_Mam_38462	<i>Pithecia pithecia</i>	male	Manacapuru (Amazonas) [§]	n.a.	skin
ZMB_Mam_38463	<i>Pithecia pithecia</i>	male	Manacapuru (Amazonas) [§]	1924	skin
ZMB_Mam_39460	<i>Pithecia pithecia</i>	female	Tapuhy (Rio Jary)	1936	skin
ZMB_Mam_39753	<i>Pithecia pithecia</i>	unknown (juvenile)	Brasilien	1937	skin
ZMB_Mam_46146	<i>Pithecia monachus</i>	female	Lago do Ayapua (Rio Purus) [#]	1932	skin
ZMB_Mam_46147	<i>Pithecia monachus</i>	female	middle course of Rio Manacapuru (Amazonas) [§]	1929	skin
ZMB_Mam_71578	<i>Pithecia pithecia</i>	male	Guiana	n.a.	mounted
ZMB_Mam_91313	<i>Pithecia pithecia</i>	male	Rio Ica	1930	skin

ZMB_Mam_91314	<i>Pithecia monachus</i>	male	Canabouca (Amazon region)	1927	skin
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9 * likely to be a misspelling of Rio Purus

10 # probably Lago Aiapuá on the left bank of the lower Rio Purus

11 § a river draining into the left bank of the Amazon

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13 For three other skins (ZFMK_Mam_71.097, *Pithecia pithecia*, male, Cologne Zoo, 1971; ZFMK_MAM_
14 87.730; *Pithecia inusta*, female, Panguana, 1973; ZFMK_MAM_2012.009, *Pithecia pithecia*, male, Frankfurt
15 Zoo, 2008) the nails were separated from the skin or the skin did not have nails.