

Supplementary material

Appendix 1

Table A1. Recordings used in the vocal analysis with geographical coordinates. In order to control for intraindividual variation, we sampled several bill/tooth clacks (2-21) with good signal-to-noise ratio per individual recording.

Species	Library	File	Recordist	Country	Locality	Latitude	Longitude
Tayassu pecari	Macaulay Library	ML55156	David L Ross, Jr.	Costa Rica	Puntarenas, Corcovado National Park, Sirena Field Station	8.48025	-83.58933
Tayassu pecari	Macaulay Library	ML55224	David L Ross, Jr.	Costa Rica	Puntarenas, Corcovado National Park, Sirena Field Station	8.48025	-83.58933
Tayassu pecari	Macaulay Library	ML55236	David L Ross, Jr.	Costa Rica	Puntarenas, Corcovado National Park, Sirena Field Station	8.48025	-83.58933
Tayassu pecari	Macaulay Library	ML88473	Curtis A Marantz	Brazil	Mato Grosso, Cristalino Ecological Reserve	-9.59810	-55.93200
Tayassu pecari	Macaulay Library	ML88558	Curtis A Marantz	Brazil	Mato Grosso, Cristalino Ecological Reserve	-9.59810	-55.93200
Tayassu pecari	Macaulay Library	ML89794	Sharon Matola; Louise H Emmons	Belize	Belize Zoo	17.35012	-88.55278
Tayassu pecari	Macaulay Library	ML90196	Guy Cox	Bolivia	Santa Cruz, Asención	-17.85000	-60.17000
Tayassu pecari	Macaulay Library	ML110719	A. Bennett Hennessey	Bolivia	La Paz, Madidi National Park	-14.55000	-67.71667
Tayassu pecari	Macaulay Library	ML121780	A. Bennett Hennessey	Bolivia	La Paz, Madidi National Park	-14.55000	-67.72000
Tayassu pecari	Macaulay Library	ML132309	Michael J Andersen	Peru	Madre de Dios, Los Amigos field station	-12.56667	-70.10000
Tayassu pecari	Macaulay Library	ML90249	Louise H Emmons	Peru	Madre de Dios, Pampas del Heath	-12.70000	-68.80000
Tayassu pecari	Macaulay Library	ML135147	Brian J O'Shea	Peru	Madre de Dios, 13 km Northwest of Atalaya	-12.78000	-71.38000
Tayassu pecari	Macaulay Library	ML190289	Jessie H Barry	Peru	Loreto	-7.08716	-75.66078
Tayassu pecari	Macaulay Library	ML136655	Jessie H Barry	Peru	Madre de Dios, Los Amigos field station	-12.56667	-70.10000
Pecari tajacu	Macaulay Library	ML184784	David L Ross, Jr.	Costa Rica	Heredia, La Selva Biological Station	10.42880	-84.01280
Neomorphus geoffroyi	Macaulay Library	ML143741	Krzysztof Zyskowski	Peru	Madre de Dios, Manu Province, Amazonia Lodge	-12.86667	-71.36667
Neomorphus pucheranii	Macaulay Library	ML188556	Paul K Donahue	Peru	Loreto, Explorama Lodge, Yanamono Creek	-3.36667	-72.90000
Neomorphus radiolosus	Xeno-Canto	XC115175	Andrew Spencer	Ecuador	Pichincha	0.07360	-78.76850
Neomorphus radiolosus	Xeno-Canto	XC238653	Niels Krabbe	Ecuador	Esmeraldas, Alto Tambo	1.02100	-78.60800
Neomorphus squamiger	Xeno-Canto	XC8791	Alexander Lees	Brazil	Mato Grosso, Cristalino Ecological Reserve	-9.59810	-55.93200
Geococcyx californianus	Macaulay Library	ML165	Harriette Barker	Brazil	Mato Grosso, Cristalino Ecological Reserve	31.66667	-109.00000
Geococcyx californianus	Macaulay Library	ML25664	Russell A Charif	United States	Texas, Welder Wildlife Refuge	28.12061	-97.44239
Geococcyx californianus	Macaulay Library	ML516433	Mark B Robbins	United States	Missouri, Barry County	36.53900	-93.75200
Geococcyx californianus	Macaulay Library	ML63755	William W. H. Gunn	United States	Arizona, Cochise County, Chiricahua Mountains	31.91929	-109.39016
Geococcyx californianus	Macaulay Library	ML8284	Arthur A Allen; David G Allen	United States	Arizona, Pima County, Desert Museum	32.24404	-111.16880
Geococcyx californianus	Macaulay Library	ML8285	Arthur A Allen; David G Allen	United States	Arizona, Pima County, Desert Museum	32.24404	-111.16880