

SUPPLEMENTAL MATERIAL

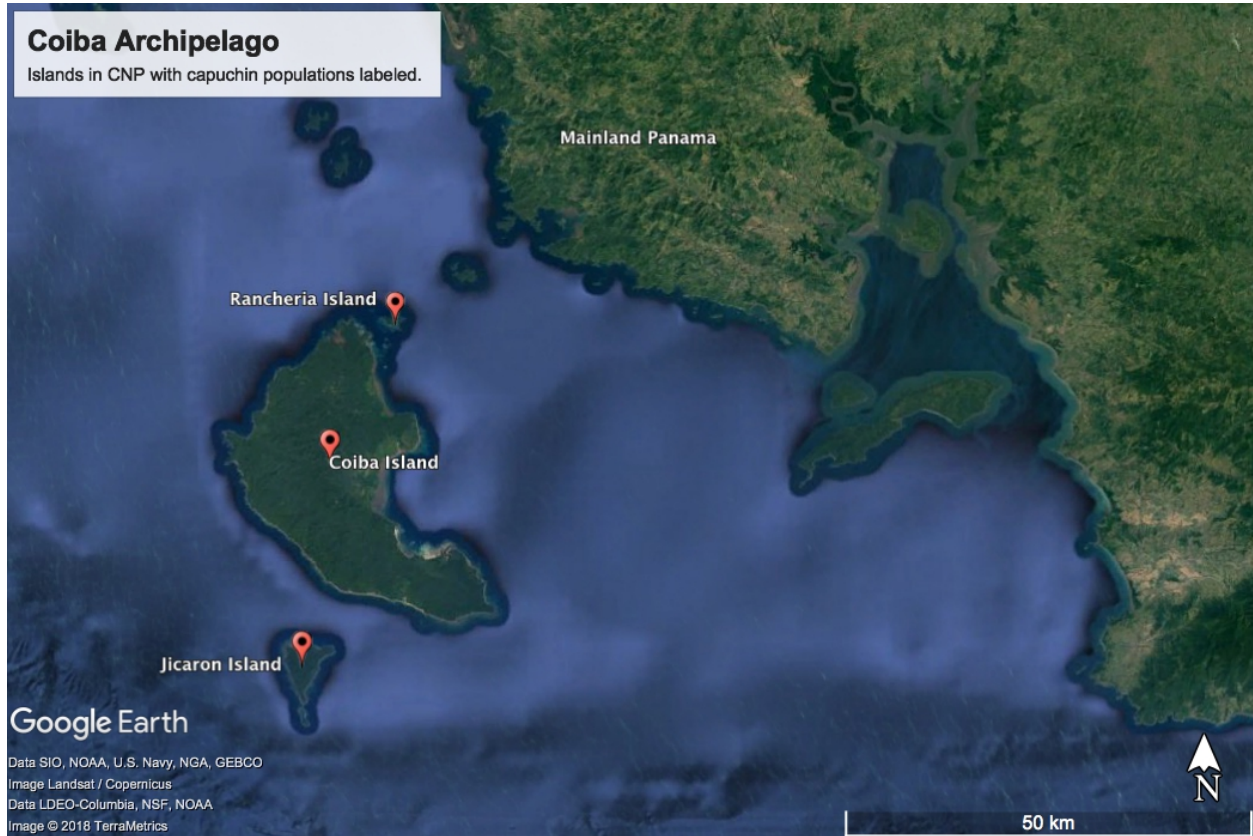


FIGURE S1. Map of the Coiba Archipelago off the Pacific coast of Panama. The three islands hosting populations of capuchin monkeys in Coiba National Park are labeled.



FIGURE S2. Recently broken clamshells at edge of intertidal zone with stones piled on them. Stone and clam accumulations spaced at distances consistent with between individual capuchin foraging proximities. We are unsure if capuchins are responsible for this or if this is a natural accumulation from tidal processes.



FIGURE S3. A juvenile male capuchin monkey breaking open a coconut husk with a hammerstone on a stone anvil.



FIGURE S4. A juvenile male capuchin monkey transporting a stream cobble to a wooden anvil on the forest edge.

TABLE S1. Model parameter predictions for monthly tool use rates. Varying effects are offset from overall intercept, a .

Parameter	Posterior Mean	Posterior SD	89% PCI	
$a_{Mar2017}$	0.05	0.59	-0.86	0.97
$a_{April2017}$	-0.64	0.56	-1.51	0.23
$a_{May2017}$	-0.72	0.51	-1.50	0.11
$a_{Jun2017}$	0.13	0.50	-0.64	0.94
$a_{Jul2017}$	0.51	0.45	-0.18	1.25
$a_{Aug2017}$	-0.03	0.37	-0.59	0.57
$a_{Sep2017}$	0.04	0.38	-0.51	0.69
$a_{Oct2017}$	-0.32	0.36	-0.83	0.29
$a_{Nov2017}$	-0.98	0.41	-1.61	-0.32
$a_{Dec2017}$	-0.23	0.39	-0.86	0.35
$a_{Jan2018}$	0.09	0.39	-0.50	0.69
$a_{Feb2018}$	0.02	0.40	-0.58	0.65
$a_{Mar2018}$	-0.45	0.39	-1.07	0.19
$a_{Cebus-07-01}$	-0.45	0.60	-1.38	0.46
$a_{Cebus-07-02}$	1.79	0.68	0.76	2.86
$a_{Cebus-15-01}$	-2.12	0.96	-3.65	-0.58
$a_{Cebus-16-01}$	-0.82	0.73	-2.00	0.28
$a_{Cebus-17-01}$	0.69	0.64	-0.42	1.61
$a_{Cebus-17-02}$	0.52	0.64	-0.48	1.46
$a_{Cebus-16-02}$	-0.70	0.76	-1.89	0.46
$a_{Cebus-07-01A}$	0.05	0.50	-0.72	0.85
$a_{Cebus-07-01B}$	-0.10	0.47	-0.90	0.59
$a_{Cebus-07-01C}$	-0.63	0.53	-1.43	0.20
$a_{Cebus-07-02A}$	-0.22	0.54	-1.09	0.58
$a_{Cebus-07-02B}$	0.07	0.56	-0.76	0.99
$a_{Cebus-07-02C}$	0.00	0.55	-0.83	0.91
$a_{Cebus-15-01B}$	-0.57	0.70	-1.63	0.48
$a_{Cebus-16-01B}$	-0.34	0.58	-1.26	0.54
$a_{Cebus-16-02C}$	-0.31	0.57	-1.22	0.58
$a_{Cebus-17-01B}$	-0.53	0.51	-1.32	0.27
$a_{Cebus-17-01C}$	0.29	0.56	-0.58	1.16
$a_{Cebus-17-02B}$	-0.15	0.51	-0.90	0.67
$a_{Cebus-17-02C}$	-0.10	0.51	-0.93	0.70
a	-0.19	0.25	-0.56	0.19
σ_{month}	0.59	0.22	0.24	0.89
$\sigma_{camstat}$	1.60	0.66	0.67	2.53
$\sigma_{camstatdeploy}$	0.56	0.31	0.07	0.93

TABLE S2. Model parameter predictions of Gamma GLM with a log-link.

Parameter	Posterior Mean	Posterior SD	89% PCI	
a	6.51	0.05	6.44	6.58
$scale$	88.29	8.36	74.43	100.69