

Cover Page



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APPENDICES

Table 14: Appendix A – Biosphere sample information and strontium isotope results

Note: d = dynamic mode; s = static mode.

Sample ID	Site	Region	Cat.	Type	d/s	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
3201	Governor's Office	Anguilla	plant	grass	s	0.709078	0.000010
3206	Lower South Hill	Anguilla	plant	grass	s	0.709219	0.000009
PN194	Sandy Ground	Anguilla	rodent	enamel	d	0.708721	0.000009
PN227	Sandy Ground	Anguilla	rodent	enamel	d	0.708777	0.000018
PN268	Sandy Ground	Anguilla	rodent	enamel	d	0.709066	0.000005
PN224	Sandy Ground	Anguilla	rodent	enamel	d	0.709083	0.000010
3202	Sandy Hill	Anguilla	plant	grass	s	0.709050	0.000009
PN 410	Shoal Bay East	Anguilla	rodent	enamel	d	0.709140	0.000011
PN364	Shoal Bay East	Anguilla	rodent	enamel	d	0.709148	0.000016
PN406	Shoal Bay East	Anguilla	rodent	enamel	d	0.709163	0.000008
3205	Shoal Bay East	Anguilla	plant	grass	s	0.709247	0.000011
3203	Windward Point	Anguilla	plant	grass	s	0.709171	0.000011
B5 34-37	Brook Site	Antigua	rodent	enamel	d	0.708861	0.000033
3306	Dow's Hill	Antigua	plant	grass	s	0.709020	0.000010
3305	Dow's Hill	Antigua	snail	shell	s	0.709134	0.000006
3303	English Harbour	Antigua	snail	shell	s	0.708820	0.000012
3308	Golden Grove	Antigua	plant	grass	s	0.708339	0.000011
3301	Lyons Estate	Antigua	plant	grass	s	0.708305	0.000010
26-34	Mill Reef	Antigua	rodent	enamel	d	0.708509	0.000007
107/108B	Mill Reef	Antigua	rodent	enamel	d	0.708534	0.000008
37-41	Mill Reef	Antigua	rodent	enamel	d	0.708679	0.000011
3307	Morris Bay	Antigua	plant	grass	s	0.707893	0.000010
3304	Muddy Bay	Antigua	snail	shell	s	0.708333	0.000011
3302	Piccadilly	Antigua	plant	grass	s	0.707752	0.000010
3309	Stadium	Antigua	plant	grass	s	0.708483	0.000009
3904	Arikok	Aruba	plant	grass	s	0.708613	0.000009
3905	Boca Grandi	Aruba	plant	grass	s	0.709103	0.000009
3901	Malmok	Aruba	plant	grass	s	0.709132	0.000009
3903	Santa Cruz	Aruba	plant	grass	s	0.707721	0.000010
3902	Tanki Flip	Aruba	plant	grass	s	0.707644	0.000009
6600	Lion Statue	Barbados	snail	shell	s	0.709179	0.000010
3407	Cay Club Road	Barbuda	plant	grass	s	0.709116	0.000010
3404	Gunshop Hill	Barbuda	plant	leaves	s	0.709282	0.000010
3402B	Indian Town Trail	Barbuda	rodent	enamel	s	0.709137	0.000010
3402A	Indian Town Trail	Barbuda	snail	shell	s	0.709091	0.000011
3406	Sandy Ground	Barbuda	plant	grass	s	0.709152	0.000010

Sample ID	Site	Region	Cat.	Type	d/s	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
3405	Sea View	Barbuda	plant	leaves	s	0.709154	0.000010
3401B	Sea View	Barbuda	snail	shell	s	0.709198	0.000010
3401A	Sea View	Barbuda	snail	shell	s	0.709165	0.000010
3403	Two Foot Bay	Barbuda	plant	grass	s	0.709224	0.000010
US2006GU	Catedral	Basse-Terre	rodent	enamel	d	0.705674	0.000012
US1072F5	Catedral	Basse-Terre	rodent	enamel	s	0.706121	0.000033
US1080E5	Catedral	Basse-Terre	rodent	enamel	s	0.706614	0.000020
US1080E3	Catedral	Basse-Terre	rodent	enamel	d	0.706821	0.000025
US2008G11	Catedral	Basse-Terre	rodent	enamel	d	0.707002	0.000007
2.4	Grandes Rivières	Basse-Terre	plant	grass	s	0.708718	0.000010
2.2	St. Claude	Basse-Terre	plant	grass	s	0.705528	0.000010
2.5	Traverse Nord	Basse-Terre	plant	grass	s	0.704796	0.000010
2.3	Trois Rivières	Basse-Terre	plant	grass	s	0.707763	0.000010
2.1	Val de Orge	Basse-Terre	plant	grass	s	0.707266	0.000010
4005	Karpata	Bonaire	plant	grass	s	0.708055	0.000010
4003	Lagoen Hill	Bonaire	plant	grass	s	0.708523	0.000009
4004	San Jose	Bonaire	plant	grass	s	0.709149	0.000009
4002	Ceru Largu	Bonaire	plant	grass	s	0.708417	0.000010
4001	Washington Park	Bonaire	plant	grass	s	0.709048	0.000008
CM-fa7	Cueva Muertos	Cuba	snail	shell	d	0.708409	0.000008
CM-fa5	Chorro de Maíta	Cuba	rodent	enamel	d	0.707958	0.000009
CM-fa4B	Chorro de Maíta	Cuba	rodent	enamel	d	0.708676	0.000010
CM-fa9	Chorro de Maíta	Cuba	rodent	enamel	s	0.708222	0.000010
CM-fa10	Chorro de Maíta	Cuba	snail	shell	s	0.708454	0.000011
CM-fa6	Chorro de Maíta	Cuba	snail	shell	d	0.708590	0.000011
CM-fa8	El Porvinir	Cuba	snail	shell	d	0.708589	0.000007
LH-fa-1	La Habana	Cuba	snail	shell	s	0.708612	0.000010
LJ-fa2	La Juba	Cuba	snail	shell	s	0.708469	0.000010
LB-fa1	Los Buchillones	Cuba	rodent	enamel	s	0.708298	0.000010
LJ-fa1	near La Juba	Cuba	rodent	enamel	s	0.705950	0.000010
PdM-fa1	Potrefío Mango	Cuba	rodent	enamel	s	0.707277	0.000010
PdM-fa2	Potrefío Mango	Cuba	snail	shell	s	0.708668	0.000007
PV-fa1	Pueblo Viejo	Cuba	snail	shell	s	0.708982	0.000011
3803	San Juan	Curaçao	plant	grass	s	0.708078	0.000010
3804	San Juan	Curaçao	snail	shell	s	0.708057	0.000010
3807	Santa Barbara	Curaçao	plant	grass	s	0.708980	0.000010
3808	Santa Barbara	Curaçao	snail	shell	s	0.709013	0.000010
3801	St. Christoffel	Curaçao	plant	grass	s	0.709139	0.000008
3802	St. Christoffel	Curaçao	snail	shell	s	0.709145	0.000009
3809	St. Joris Baai	Curaçao	plant	grass	s	0.708032	0.000010
3810	St. Joris Baai	Curaçao	snail	shell	s	0.708022	0.000011
3805	St. Michielsberg	Curaçao	plant	grass	s	0.708922	0.000010

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3806	St. Michielsberg	Curaçao	snail	shell	s	0.708777	0.000010
DR-EC-fa3	El Cabo	Dom. Rep.	snail	shell	s	0.709144	0.000012
DR-PM-fa7	Punta Macao	Dom. Rep.	rodent	enamel	d	0.709067	0.000025
8001	Punta Rucia	Dom. Rep.	plant	grass	s	0.708207	0.000010
DR-PR-fa8	Punta Rucia	Dom. Rep.	snail	shell	s	0.708735	0.000009
DR-SF-fa4	Sitio Frances	Dom. Rep.	snail	shell	d	0.708288	0.000010
DR-SLP-fa5	Sitio Los Perez	Dom. Rep.	snail	shell	d	0.708683	0.000010
DR-SP-fa6	Sitio Pijolo-1	Dom. Rep.	snail	shell	d	0.708422	0.000007
AAG k623	Anse à la Gourde	GrandeTerre	rodent	enamel	d	0.709132	0.000009
AAG k628	Anse à la Gourde	GrandeTerre	rodent	enamel	d	0.709149	0.000013
AAG k617	Anse à la Gourde	GrandeTerre	rodent	enamel	d	0.709205	0.000011
AAG k619	Anse à la Gourde	GrandeTerre	rodent	enamel	d	0.709207	0.000007
AE-IIIB	Anse à l'Eau	GrandeTerre	rodent	enamel	d	0.709096	0.000010
AE-II	Anse à l'Eau	GrandeTerre	rodent	enamel	d	0.709106	0.000007
AE-IIIA	Anse à l'Eau	GrandeTerre	rodent	enamel	d	0.709125	0.000008
AE-I	Anse à l'Eau	GrandeTerre	rodent	enamel	d	0.709143	0.000008
PdHc1e1	Pointe du Helleux	GrandeTerre	rodent	enamel	d	0.709136	0.000009
PdHc1e5	Pointe du Helleux	GrandeTerre	rodent	enamel	d	0.709206	0.000012
4302	Old Airport	Grenada	plant	grass	s	0.706823	0.000008
4305	Constantine	Grenada	plant	grass	s	0.707400	0.000010
4303	Mt. Alexander	Grenada	plant	grass	s	0.706223	0.000009
4304	Rosemont	Grenada	plant	grass	s	0.706730	0.000008
4301	Westerhall Bay	Grenada	plant	grass	s	0.707272	0.000009
7201	Bamboo Avenue	Jamaica	snail	shell	s	0.708547	0.000010
7203	Bamboo Avenue	Jamaica	snail	shell	s	0.708794	0.000010
7202	Bamboo Avenue	Jamaica	snail	shell	s	0.708967	0.000012
LS-GA1-D-6	Grande Anse	Les Saintes	rodent	enamel	d	0.707440	0.000010
LS-GA1-D-3	Grande Anse	Les Saintes	rodent	enamel	d	0.708384	0.000008
MGTz4s3N1	Tourlourous	MarieGalante	rodent	enamel	d	0.709142	0.000011
MGTs3p42.2	Tourlourous	MarieGalante	rodent	enamel	d	0.709150	0.000008
MGTs3p41/2	Tourlourous	MarieGalante	rodent	enamel	d	0.709151	0.000014
MG-Ts3n5	Tourlourous	MarieGalante	rodent	enamel	d	0.709230	0.000033
Mart D I3	Dizac	Martinique	rodent	enamel	s	0.706752	0.000008
Mart D B1	Dizac	Martinique	rodent	enamel	s	0.706937	0.000018
Mart D H5	Dizac	Martinique	rodent	enamel	s	0.707017	0.000010
Mart D C	Dizac	Martinique	rodent	enamel	d	0.707713	0.000009
Mart D D5	Dizac	Martinique	rodent	enamel	d	0.708434	0.000007
Mart D C2	Dizac	Martinique	rodent	enamel	d	0.708977	0.000008
4401	Lafayette	Martinique	plant	grass	s	0.706660	0.000010
4403	Le Robert	Martinique	plant	grass	s	0.706821	0.000010
Mart M B2	Macabou	Martinique	rodent	enamel	s	0.707621	0.000019
4404	Macabou	Martinique	plant	grass	s	0.706342	0.000008

Sample ID	Site	Region	Cat.	Type	d/s	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
4405	Taupinière	Martinique	plant	grass	s	0.707950	0.000010
3503	Mannings	Nevis	plant	grass	s	0.707893	0.000010
3504	Pond Hill	Nevis	plant	grass	s	0.706704	0.000011
3502	Spring Hill	Nevis	plant	grass	s	0.706728	0.000010
3505	Sulfur Glut	Nevis	plant	grass	s	0.707624	0.000008
3501	Vaughans	Nevis	plant	grass	s	0.707596	0.000007
6305	Adjuntas	Puerto Rico	plant	grass	s	0.706967	0.000008
6303	Arecibo	Puerto Rico	plant	grass	s	0.707889	0.000010
6304	Caguana	Puerto Rico	plant	grass	s	0.707442	0.000009
6309	Candelero	Puerto Rico	plant	grass	s	0.705231	0.000010
PR-Ma-fa8	Maisabel	Puerto Rico	rodent	enamel	s	0.708906	0.000009
PR-Ma-fa7	Maisabel	Puerto Rico	rodent	enamel	s	0.708917	0.000010
PR-Ma-fa6	Maisabel	Puerto Rico	rodent	enamel	s	0.709006	0.000010
6310	Maisabel	Puerto Rico	plant	grass	s	0.709086	0.000090
PR-Ma-fa5	Maisabel	Puerto Rico	snail	shell	d	0.708731	0.000008
PR-Ma-fa3	Maisabel	Puerto Rico	snail	shell	d	0.708744	0.000008
PR-Ma-fa2	Maisabel	Puerto Rico	snail	shell	d	0.708944	0.000008
PR-Ma-fa4	Maisabel	Puerto Rico	snail	shell	d	0.709094	0.000010
PR-Ma-fa1	Maisabel	Puerto Rico	snail	shell	d	0.709158	0.000008
6308	Maunabo	Puerto Rico	plant	grass	s	0.706118	0.000010
6307	Santa Isabel	Puerto Rico	plant	grass	s	0.705608	0.000010
6306	Tibes	Puerto Rico	plant	grass	s	0.706179	0.000009
6301	Vega Baja	Puerto Rico	plant	grass	s	0.708041	0.000010
6302	Vega Baja	Puerto Rico	snail	shell	s	0.708410	0.000010
3001	Boiling House	Saba	plant	grass	s	0.709036	0.000011
3057	Crispeen Track	Saba	plant	grass	d	0.708153	0.000006
3053	Flat Point Airport	Saba	plant	grass	d	0.708450	0.000011
3011	Fort Bay Road	Saba	plant	grass	s	0.708622	0.000011
3051	Fort Hill	Saba	plant	grass	d	0.708265	0.000009
3035	Giles Quarter	Saba	plant	grass	d	0.706435	0.000011
3021	Grey Hill	Saba	plant	grass	d	0.708024	0.000009
3018	Grey Hill	Saba	plant	grass	d	0.708173	0.000010
3023	Grey Hill	Saba	plant	grass	d	0.708593	0.000008
KR2 F271	Kelbey's Ridge	Saba	rodent	enamel	d	0.707706	0.000010
KR2 F289	Kelbey's Ridge	Saba	rodent	enamel	s	0.708070	0.000012
KR2 F331	Kelbey's Ridge	Saba	rodent	enamel	d	0.708105	0.000011
KR2 F331	Kelbey's Ridge	Saba	rodent	enamel	d	0.708111	0.000014
KR2 F123	Kelbey's Ridge	Saba	rodent	enamel	s	0.708172	0.000040
KR2 F138	Kelbey's Ridge	Saba	rodent	enamel	d	0.708181	0.000009
KR2 F266	Kelbey's Ridge	Saba	rodent	enamel	d	0.708185	0.000008
KR2 F467	Kelbey's Ridge	Saba	rodent	enamel	d	0.708252	0.000019
KR2 F138	Kelbey's Ridge	Saba	rodent	enamel	d	0.708394	0.000041

Sample ID	Site	Region	Cat.	Type	d/s	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
KR2 F164R	Kelbey's Ridge	Saba	rodent	enamel	s	0.708422	0.000032
KR2 F243	Kelbey's Ridge	Saba	rodent	enamel	d	0.708448	0.000010
KR2 F251	Kelbey's Ridge	Saba	rodent	enamel	d	0.708454	0.000024
KR2 F260	Kelbey's Ridge	Saba	rodent	enamel	d	0.708493	0.000012
KR2 F241B	Kelbey's Ridge	Saba	rodent	enamel	d	0.708539	0.000010
KR2 F169	Kelbey's Ridge	Saba	rodent	enamel	d	0.708541	0.000014
KR2 F206	Kelbey's Ridge	Saba	rodent	enamel	d	0.708552	0.000012
KR2 F260	Kelbey's Ridge	Saba	rodent	enamel	d	0.708591	0.000012
KR2 F202	Kelbey's Ridge	Saba	rodent	enamel	d	0.708717	0.000014
KR2 F202	Kelbey's Ridge	Saba	rodent	enamel	d	0.708900	0.000009
3054	Kelbey's Ridge	Saba	plant	grass	d	0.708481	0.000011
Sa-KR-fa1	Kelbey's Ridge	Saba	snail	shell	d	0.707170	0.000011
F129	Kelbey's Ridge	Saba	snail	shell	s	0.708232	0.000010
F169	Kelbey's Ridge	Saba	snail	shell	s	0.708345	0.000009
F360	Kelbey's Ridge	Saba	snail	shell	s	0.708469	0.000011
F253	Kelbey's Ridge	Saba	snail	shell	s	0.708509	0.000010
F127b	Kelbey's Ridge	Saba	snail	shell	s	0.708645	0.000010
3020	Lower Grey Hill	Saba	plant	grass	d	0.708545	0.000008
3010	Lower Hells Gate	Saba	plant	grass	s	0.708622	0.000011
3052	Mary's Point	Saba	plant	grass	d	0.706969	0.000008
3015	Maskerhorne Hill	Saba	plant	grass	s	0.707565	0.000011
3031	Mount Scenery	Saba	plant	grass	d	0.708160	0.000008
3029	Mount Scenery	Saba	plant	grass	s	0.709196	0.000010
3007	Partial House	Saba	plant	grass	s	0.708486	0.000006
3034	Plum Piece	Saba	plant	grass	d	0.706987	0.000012
3055	Spring Bay	Saba	plant	grass	d	0.708788	0.000007
3058	Spring Bay Flat	Saba	plant	grass	d	0.706914	0.000008
3059	Thais Hill	Saba	plant	grass	d	0.707446	0.000009
3013	The Level	Saba	plant	grass	s	0.708083	0.000009
3009	The Level	Saba	plant	grass	s	0.708601	0.000010
3025	Wells Bay	Saba	plant	grass	d	0.707731	0.000009
3056	Windward Side	Saba	plant	grass	d	0.708027	0.000010
3702	Anse de Grande	St. Barths	plant	grass	s	0.708125	0.000010
3701	Camaruche	St. Barths	plant	grass	s	0.709025	0.000010
3705	La Grand Vigie	St. Barths	plant	grass	s	0.707605	0.000010
3704	Le Gouverneur	St. Barths	plant	grass	s	0.708845	0.000008
6005	East End	St. Croix	plant	grass	s	0.707910	0.000011
6002	Orange Grove	St. Croix	plant	grass	s	0.706784	0.000007
6001	Salt River Bay	St. Croix	plant	grass	s	0.708244	0.000009
6004	South Side Road	St. Croix	plant	grass	s	0.707512	0.000010
6003	Upper Bethlehem	St. Croix	plant	grass	s	0.708643	0.000010
7306	Compagnie	St. Eustatius	plant	grass	s	0.708796	0.000010

Sample ID	Site	Region	Cat.	Type	d/s	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
7304	Fort de Windt	St. Eustatius	plant	grass	s	0.708966	0.000010
SE 7P IV	Golden Rock	St. Eustatius	rodent	enamel	d	0.707262	0.000008
15P-IV	Golden Rock	St. Eustatius	rodent	enamel	d	0.708310	0.000005
7303	Pilot Hill	St. Eustatius	plant	grass	s	0.708477	0.000010
7305	Quill Slope	St. Eustatius	plant	grass	s	0.707300	0.000010
7302	Signal Hill	St. Eustatius	plant	grass	s	0.708414	0.000010
7301	Venus Bay	St. Eustatius	plant	grass	s	0.708148	0.000009
6202	Annabell	St. John	plant	grass	s	0.709052	0.000008
6203	East End	St. John	plant	grass	s	0.708309	0.000010
SJ EP-fa1	Europa Bay	St. John	snail	shell	s	0.708688	0.000011
6204	Lameshur Bay	St. John	plant	grass	s	0.708817	0.000010
6206	Rendevous Bay	St. John	plant	grass	s	0.707540	0.000010
6201	Trunk Bay	St. John	plant	grass	s	0.707913	0.000010
3602	Bird Rock	St. Kitts	plant	grass	s	0.707264	0.000010
3604	Brimstone Hill	St. Kitts	plant	grass	s	0.708363	0.000006
3601	Great Salt Pond	St. Kitts	plant	grass	s	0.708618	0.000010
3603	Mansion	St. Kitts	plant	grass	s	0.707812	0.000010
SKSF2409B	Sugar Factory	St. Kitts	rodent	enamel	s	0.707522	0.000010
SKSF2407	Sugar Factory	St. Kitts	rodent	enamel	d	0.707915	0.000013
SKSF2080C	Sugar Factory	St. Kitts	rodent	enamel	d	0.708113	0.000014
3605	Trinity East	St. Kitts	plant	grass	s	0.706729	0.000009
4502	Giraudy	St. Lucia	plant	grass	s	0.708645	0.000011
4510	Lavoutte	St. Lucia	rodent	enamel	s	0.707731	0.000011
4511	Lavoutte	St. Lucia	rodent	enamel	s	0.707852	0.000009
SL-AL-fa1	Lavoutte	St. Lucia	snail	shell	d	0.707682	0.000005
SL-AL-fa1	Lavoutte	St. Lucia	snail	shell	s	0.708304	0.000010
4501	Pointe Caraïbe	St. Lucia	plant	grass	s	0.708105	0.000010
4508	Pointe Hardy	St. Lucia	plant	grass	s	0.707613	0.000009
4504	Saltibus Point	St. Lucia	plant	grass	s	0.708845	0.000009
4505	Saltibus Point	St. Lucia	plant	grass	s	0.708879	0.000010
4503	Saltibus Point	St. Lucia	plant	grass	s	0.708996	0.000010
4507	Soufrière	St. Lucia	plant	grass	s	0.708667	0.000010
SMBP2803A	Baie aux Prunes	St. Martin	rodent	enamel	d	0.709147	0.000010
SMBP2403D	Baie aux Prunes	St. Martin	rodent	enamel	d	0.709153	0.000010
SMBP2402D	Baie aux Prunes	St. Martin	rodent	enamel	d	0.709157	0.000024
3102	Colombier	St. Martin	plant	grass	s	0.708152	0.000010
3105	Grand Fond	St. Martin	plant	grass	s	0.707139	0.000010
3104	Guana Bay	St. Martin	plant	grass	s	0.708341	0.000010
SMHE3308	Hope Estate	St. Martin	rodent	enamel	d	0.707169	0.000011
SMHE3311C	Hope Estate	St. Martin	rodent	enamel	d	0.708091	0.000007
SMHE3305	Hope Estate	St. Martin	rodent	enamel	d	0.708665	0.000006
3101	La Croisade	St. Martin	plant	grass	s	0.707548	0.000009

Sample ID	Site	Region	Cat.	Type	d/s	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
3103	Border Monument	St. Martin	plant	grass	s	0.707540	0.000010
6106	Bonne Esperance	St. Thomas	plant	grass	s	0.707461	0.000009
6104	Bordeaux	St. Thomas	plant	grass	s	0.708384	0.000012
6103	Petersborg	St. Thomas	plant	grass	s	0.708644	0.000008
6101	Tutu	St. Thomas	plant	grass	s	0.707819	0.000010
ST-TT-fa1	Tutu	St. Thomas	snail	shell	s	0.707405	0.000010
6105	Upper John Dunko	St. Thomas	plant	grass	s	0.708354	0.000010
4101	Cambden Park	St. Vincent	plant	grass	s	0.708117	0.000010
SVE-fa2	Escape	St. Vincent	rodent	enamel	s	0.706568	0.000008
SVE-fa3	Escape	St. Vincent	rodent	enamel	s	0.706452	0.000009
SVE-fa4	Escape	St. Vincent	rodent	enamel	s	0.705939	0.000007
4103	King's Hill	St. Vincent	plant	grass	s	0.706359	0.000008
4104	Orange Hill	St. Vincent	plant	grass	s	0.706470	0.000007
4105	Owia	St. Vincent	plant	grass	s	0.707081	0.000010
4102	Wallilabou	St. Vincent	plant	grass	s	0.705655	0.000010
4202	Flagstaff Hill	Tobago	plant	grass	s	0.708067	0.000005
4203	Gilpin Trail	Tobago	plant	grass	s	0.705884	0.000008
4204	King Peters Bay	Tobago	plant	grass	s	0.707336	0.000010
4205	Mt. Pleasant	Tobago	plant	grass	s	0.710257	0.000009
4201	Rainbow Falls	Tobago	plant	grass	s	0.704747	0.000010
7119	Ataqual	Trinidad	snail	shell	s	0.709175	0.000006
7101	Balandra Bay	Trinidad	plant	leaves	s	0.709438	0.000007
7117	Banwari	Trinidad	snail	shell	s	0.709043	0.000014
7106	Brasso	Trinidad	plant	leaves	s	0.709098	0.000010
7109	Caroni	Trinidad	plant	grass	s	0.709445	0.000010
7107	Cipero	Trinidad	plant	grass	s	0.709327	0.000010
7108	Couva	Trinidad	plant	grass	s	0.709987	0.000010
7118	Grants Trace	Trinidad	snail	shell	s	0.709023	0.000010
7116	Los Iros	Trinidad	snail	shell	s	0.709350	0.000010
7103	Manzanilla	Trinidad	plant	grass	s	0.709860	0.000010
7113	Marac	Trinidad	snail	shell	s	0.708870	0.000011
7110	Maracas	Trinidad	plant	leaves	s	0.710436	0.000010
7104	Poole	Trinidad	plant	grass	s	0.711523	0.000010
7115	Quinam	Trinidad	snail	shell	s	0.708545	0.000011
7105	Rio Claro South	Trinidad	plant	grass	s	0.708320	0.000007
7102	Sangre Grande	Trinidad	plant	leaves	s	0.711322	0.000010
4601	Caracas	Venezuela	plant	grass	s	0.710852	0.000010
VN-fa1	Caracas	Venezuela	snail	shell	s	0.710644	0.000008
4604	Los Taparos	Venezuela	plant	grass	s	0.709775	0.000010
4605	Playa Patanemo	Venezuela	plant	grass	s	0.709740	0.000009
4603	Sanare	Venezuela	plant	grass	s	0.709573	0.000010
4602	Tapiarfa Nautica	Venezuela	plant	grass	s	0.709354	0.000010

Table 15: Appendix B – Human sample information and strontium isotope results

Note: d = dynamic mode; s = static mode.

Sample ID	Site	Island	d/s	Sex	Age	Ele.	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
CM1	Chorro de Maíta	Cuba	d	F	18+	P	0.708164	0.000014
CM2	Chorro de Maíta	Cuba	d	F	36-45	P	0.708127	0.000008
CM3	Chorro de Maíta	Cuba	d	F	26-35	P	0.708333	0.000017
CM4	Chorro de Maíta	Cuba	d	M	46+	P	0.709065	0.000010
CM6	Chorro de Maíta	Cuba	d	Ind.	6-9	M1	0.708467	0.000011
CM7B	Chorro de Maíta	Cuba	d	Ind.	18+	P	0.708317	0.000010
CM8B	Chorro de Maíta	Cuba	d	Ind.	12-13	P	0.708807	0.000013
CM10	Chorro de Maíta	Cuba	s	Ind.	2-3	m	0.708358	0.000009
CM12	Chorro de Maíta	Cuba	d	Ind.	5-6	P	0.708382	0.000010
CH13	Chorro de Maíta	Cuba	s	Ind.	4-5	I	0.708608	0.000010
CM14B	Chorro de Maíta	Cuba	d	Ind.	6-8	m	0.708677	0.000017
CM16A	Chorro de Maíta	Cuba	d	M	18-25	P	0.708624	0.000009
CM18	Chorro de Maíta	Cuba	s	Ind.	5-6	M	0.708478	0.000010
CM19B	Chorro de Maíta	Cuba	d	Ind.	18+	P	0.708754	0.000013
CM20	Chorro de Maíta	Cuba	d	M	26-35	P	0.707061	0.000008
CM21	Chorro de Maíta	Cuba	d	F	46+	P	0.708740	0.000009
CM22	Chorro de Maíta	Cuba	d	M	16-18	P	0.708418	0.000037
CM24	Chorro de Maíta	Cuba	d	Ind.	10-11	P	0.707141	0.000010
CM25	Chorro de Maíta	Cuba	d	M	26-35	P	0.708548	0.000008
CM26	Chorro de Maíta	Cuba	d	M	18-25	P	0.708608	0.000018
CM28	Chorro de Maíta	Cuba	s	F	18+	I	0.708674	0.000008
CM29	Chorro de Maíta	Cuba	d	M	26-35	P	0.707849	0.000010
CM30	Chorro de Maíta	Cuba	d	F	36-45	M2	0.707556	0.000016
CM32	Chorro de Maíta	Cuba	d	Ind.	7-8	P	0.708424	0.000010
CM34	Chorro de Maíta	Cuba	d	M	26-35	P	0.707230	0.000010
CM35	Chorro de Maíta	Cuba	s	F	18-25	P	0.708653	0.000009
CM36	Chorro de Maíta	Cuba	d	Ind.	14-15	P	0.708096	0.000016
CM37	Chorro de Maíta	Cuba	d	F	18-25	P	0.708735	0.000020
CM39	Chorro de Maíta	Cuba	d	M	46+	P	0.708787	0.000012
CM40	Chorro de Maíta	Cuba	d	M	18+	M1	0.708540	0.000018
CM41	Chorro de Maíta	Cuba	d	Ind.	12-13	P	0.708386	0.000010
CM42	Chorro de Maíta	Cuba	d	M	26-35	P	0.708406	0.000013
CM43	Chorro de Maíta	Cuba	d	M	26-35	P	0.707815	0.000009
CM44	Chorro de Maíta	Cuba	d	F?	36-45	M2	0.707936	0.000009
CM45	Chorro de Maíta	Cuba	d	M	26-35	P	0.710883	0.000016
CM46	Chorro de Maíta	Cuba	d	F	18+	P	0.708436	0.000009
CM47	Chorro de Maíta	Cuba	D	M	26-35	P	0.709102	0.000010

Sample ID	Site	Island	d/s	Sex	Age	Ele.	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
CM49	Chorro de Maíta	Cuba	d	F	46+	I	0.708738	0.000017
CM50	Chorro de Maíta	Cuba	d	F	46+	P	0.708296	0.000017
CM51	Chorro de Maíta	Cuba	d	M	18-25	P	0.708678	0.000011
CM52	Chorro de Maíta	Cuba	d	M?	46+	P	0.708364	0.000011
CM53	Chorro de Maíta	Cuba	d	F	26-35	P	0.708403	0.000012
CM55	Chorro de Maíta	Cuba	d	F?	36-45	P	0.708702	0.000010
CM57A	Chorro de Maíta	Cuba	d	F	26-35	P	0.708490	0.000015
CM59	Chorro de Maíta	Cuba	d	M	46+	P	0.707897	0.000010
CM60	Chorro de Maíta	Cuba	d	Ind.	18+	M	0.708768	0.000011
CM61	Chorro de Maíta	Cuba	d	F	18+	P	0.707772	0.000017
CM62	Chorro de Maíta	Cuba	d	M	46+	P	0.708668	0.000009
CM63	Chorro de Maíta	Cuba	d	F	18+	C	0.708586	0.000011
CM64	Chorro de Maíta	Cuba	d	Ind.	10-12	P	0.708386	0.000008
CM65	Chorro de Maíta	Cuba	d	M	18-25	P	0.708422	0.000011
CM67	Chorro de Maíta	Cuba	d	F	18-25	P	0.707821	0.000011
CM68	Chorro de Maíta	Cuba	d	F	18-25	P	0.708472	0.000015
CM69A	Chorro de Maíta	Cuba	s	Ind.	6-8	C	0.708324	0.000010
CM70	Chorro de Maíta	Cuba	d	F	18-25	P	0.707515	0.000009
CM72A	Chorro de Maíta	Cuba	d	Ind.	5-6	M1	0.708620	0.000009
CM72B	Chorro de Maíta	Cuba	d	F	18-25	P	0.707570	0.000007
CM73	Chorro de Maíta	Cuba	d	F	18-25	M	0.708749	0.000007
CM74	Chorro de Maíta	Cuba	d	M	36-45	P	0.708662	0.000010
CM75A	Chorro de Maíta	Cuba	d	F	14-16	P	0.708759	0.000007
CM77	Chorro de Maíta	Cuba	d	Ind.	6-7	P	0.708587	0.000009
CM78	Chorro de Maíta	Cuba	d	M	26-35	P	0.707713	0.000013
CM79	Chorro de Maíta	Cuba	d	Ind.	15-18	P	0.708729	0.000011
CM80	Chorro de Maíta	Cuba	d	Ind.	14-16	P	0.708648	0.000009
CM81	Chorro de Maíta	Cuba	d	F?	18-25	P	0.708152	0.000011
CM82	Chorro de Maíta	Cuba	d	F	14-16	P	0.708703	0.000010
CM83	Chorro de Maíta	Cuba	d	F?	15-16	P	0.707703	0.000016
CM84	Chorro de Maíta	Cuba	d	Ind.	3-5	M1	0.708523	0.000013
CM85	Chorro de Maíta	Cuba	s	Ind.	4-5	M1	0.708681	0.000010
CM86	Chorro de Maíta	Cuba	d	F	18-25	P	0.708233	0.000008
CM87A	Chorro de Maíta	Cuba	d	F	26-35	P	0.709102	0.000011
CM89	Chorro de Maíta	Cuba	d	M	26-35	P	0.706763	0.000019
CM91	Chorro de Maíta	Cuba	d	M?	46+	P	0.708663	0.000014
CM92	Chorro de Maíta	Cuba	d	M	36-45	P	0.709078	0.000012
CM93	Chorro de Maíta	Cuba	d	F	46+	P	0.708072	0.000018
CM94	Chorro de Maíta	Cuba	d	Ind.	9-11	P	0.708189	0.000018
CM95	Chorro de Maíta	Cuba	d	M	26-35	C	0.708539	0.000012
CM97	Chorro de Maíta	Cuba	d	M	26-35	P	0.708472	0.000010

Sample ID	Site	Island	d/s	Sex	Age	Ele.	$^{87}\text{Sr}/^{86}\text{Sr}$	$\pm 2 \text{ S.E.}$
CM98	Chorro de Maíta	Cuba	d	F	46+	P	0.708823	0.000009
CM99	Chorro de Maíta	Cuba	d	F	36-45	P	0.708702	0.000008
CM100	Chorro de Maíta	Cuba	d	M	46+	P	0.708432	0.000017
CM102	Chorro de Maíta	Cuba	d	Ind.	4-5	m	0.708692	0.000013
CM103	Chorro de Maíta	Cuba	d	M	26-35	P	0.708528	0.000015
CM104	Chorro de Maíta	Cuba	s	M	18-25	I	0.709034	0.000007
CM105A	Chorro de Maíta	Cuba	s	M?	36-45	P	0.709044	0.000010
CM106	Chorro de Maíta	Cuba	d	M	46+	P	0.708056	0.000023
CM107	Chorro de Maíta	Cuba	s	F	18+	C	0.708514	0.000010
CM108	Chorro de Maíta	Cuba	d	F?	36-45	P	0.708410	0.000008
CALM1	Cueva Muertos	Cuba	d	?	18+	P	0.708677	0.000009
CALM2	Cueva Muertos	Cuba	d	?	18+	P	0.708862	0.000010
CALM3	Cueva Muertos	Cuba	d	?	18+	P	0.708441	0.000019
CALM4	Cueva Muertos	Cuba	d	?	18+	P	0.708741	0.000014
PdM1	Potreno Mango	Cuba	d	?	18+	P	0.708011	0.000008
sup.A	Punta Macao	Dom. Rep.	s	?	n/o	P	0.709085	0.000013
sup. B	Punta Macao	Dom. Rep.	d	?	18+	C	0.708974	0.000009
sec.C1	Punta Macao	Dom. Rep.	s	?	18+	P	0.708954	0.000010
B1	Punta Macao	Dom. Rep.	s	F	46+	P	0.709163	0.000012
B2	Punta Macao	Dom. Rep.	s	M	14-16	P	0.709122	0.000010
B5	Punta Macao	Dom. Rep.	s	F	26-35	P	0.707763	0.000010
B6A	Punta Macao	Dom. Rep.	d	F	18-25	P	0.708887	0.000017
B6B	Punta Macao	Dom. Rep.	d	Ind.	4-6	m	0.709023	0.000012
B9	Punta Macao	Dom. Rep.	d	M	46+	P	0.708882	0.000021
B10	Punta Macao	Dom. Rep.	s	Ind.	18+	M	0.709056	0.000009
B11	Punta Macao	Dom. Rep.	s	M	26-35	P	0.709082	0.000011
B12	Punta Macao	Dom. Rep.	d	M	36-45	P	0.709025	0.000013
B13	Punta Macao	Dom. Rep.	d	M	36-45	P	0.709036	0.000011
B14	Punta Macao	Dom. Rep.	d	F	46+	P	0.708980	0.000014
B16	Punta Macao	Dom. Rep.	d	M	18+	C	0.708930	0.000008
B17	Punta Macao	Dom. Rep.	d	Ind.	18-25	P	0.708958	0.000010
B18	Punta Macao	Dom. Rep.	d	M	18-25	P	0.709049	0.000012
B20.1	Punta Macao	Dom. Rep.	d	Ind.	<1	i	0.709077	0.000010
B21	Punta Macao	Dom. Rep.	d	Ind.	<18	M2	0.709076	0.000013
B25	Punta Macao	Dom. Rep.	s	F	26-35	P	0.709028	0.000009
B29.1	Punta Macao	Dom. Rep.	s	M	26-35	P	0.708979	0.000006
F85-34-06	El Cabo	Dom. Rep.	d	?	18+	P	0.709180	0.000008
F85-40-17	El Cabo	Dom. Rep.	d	?	18+	P	0.709183	0.000015
F85-31-01	El Cabo	Dom. Rep.	d	?	18+	P	0.709148	0.000010
F84-29-26	El Cabo	Dom. Rep.	s	?	<1	i	0.709191	0.000010
DR-Ba1	Bartolo	Dom. Rep.	s	?	18+	P	0.709223	0.000012

Sample ID	Site	Island	d/s	Sex	Age	Ele.	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
B1	Maisabel	Puerto Rico	s	Ind.	18+	C	0.708725	0.000010
B2	Maisabel	Puerto Rico	s	M	26-35	P	0.708119	0.000010
B3	Maisabel	Puerto Rico	s	Ind.	1-2	m	0.708897	0.000011
B4	Maisabel	Puerto Rico	s	M?	46+	I	0.708754	0.000008
B5	Maisabel	Puerto Rico	s	F?	18+	P	0.708812	0.000010
B6	Maisabel	Puerto Rico	s	M?	46+	M2	0.708640	0.000006
B7	Maisabel	Puerto Rico	s	M	46+	P	0.706610	0.000010
B8	Maisabel	Puerto Rico	s	Ind.	2-3	m	0.708762	0.000011
B9	Maisabel	Puerto Rico	s	M	26-35	M1	0.708646	0.000009
B10	Maisabel	Puerto Rico	s	F	46+	P	0.708868	0.000010
B11	Maisabel	Puerto Rico	s	M?	46+	P	0.708562	0.000010
B13	Maisabel	Puerto Rico	s	Ind.	18-25	P	0.708894	0.000010
B14	Maisabel	Puerto Rico	s	M	18-25	P	0.708188	0.000010
B15	Maisabel	Puerto Rico	s	M?	18+	C	0.708131	0.000008
B16	Maisabel	Puerto Rico	s	Ind.	4-5	i	0.708828	0.000011
B17	Maisabel	Puerto Rico	s	M	26-35	P	0.707371	0.000009
B18	Maisabel	Puerto Rico	s	F	36-45	P	0.708544	0.000010
B19A	Maisabel	Puerto Rico	s	F	36-45	P	0.708788	0.000009
B19B	Maisabel	Puerto Rico	s	M?	18-25	P	0.708820	0.000009
B20	Maisabel	Puerto Rico	s	M?	26-35	P	0.708440	0.000006
B21	Maisabel	Puerto Rico	s	F?	36-45	P	0.705594	0.000010
B22	Maisabel	Puerto Rico	s	M?	18-25	P	0.708879	0.000010
B23	Maisabel	Puerto Rico	s	F	46+	P	0.708082	0.000010
B24	Maisabel	Puerto Rico	s	Ind.	1-1.5	m	0.708718	0.000009
B25	Maisabel	Puerto Rico	s	F	46+	P	0.708160	0.000011
B27	Maisabel	Puerto Rico	s	Ind.	1.5-2	m	0.708890	0.000010
B28	Maisabel	Puerto Rico	s	M?	46+	M1	0.708744	0.000007
B29	Maisabel	Puerto Rico	s	Ind.	46+	P	0.708384	0.000010
B31	Maisabel	Puerto Rico	s	Ind.	2-4	M1	0.708188	0.000009
T01	Tutu	St. Thomas	d	F	45-55	P	0.707984	0.000016
T02	Tutu	St. Thomas	d	F	40-50	P	0.707863	0.000009
T03	Tutu	St. Thomas	d	F	40-50	P	0.707587	0.000005
T04	Tutu	St. Thomas	d	F	18-25	P	0.706947	0.000005
T05	Tutu	St. Thomas	d	F	40-50	P	0.708057	0.000009
T06	Tutu	St. Thomas	d	Ind.	5.5-7	m	0.708041	0.000012
T09	Tutu	St. Thomas	d	M	45-55	P	0.706764	0.000008
T10	Tutu	St. Thomas	d	F	45-55	P	0.707237	0.000009
T12	Tutu	St. Thomas	d	M	45-55	P	0.708275	0.000008
T13	Tutu	St. Thomas	d	F	40-55	P	0.707967	0.000007
T13A	Tutu	St. Thomas	d	F	45-55	P	0.707877	0.000008
T16	Tutu	St. Thomas	d	F	35-45	P	0.708047	0.000010

Sample ID	Site	Island	d/s	Sex	Age	Ele.	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
T19	Tutu	St. Thomas	d	F	40-50	P	0.707793	0.000007
T20	Tutu	St. Thomas	d	Ind.	9	P	0.707789	0.000008
T21	Tutu	St. Thomas	d	M	40+	P	0.707836	0.000009
T22A	Tutu	St. Thomas	d	Ind.	1.5-3	m	0.707600	0.000010
T22B	Tutu	St. Thomas	d	Ind.	4-5	P	0.707833	0.000016
T23A	Tutu	St. Thomas	d	Ind.	0-0.5	l	0.707538	0.000008
T23B	Tutu	St. Thomas	d	F	35+	P	0.706280	0.000009
T26	Tutu	St. Thomas	d	F	17-21	P	0.706991	0.000009
T27	Tutu	St. Thomas	d	Ind.	<2	c	0.708256	0.000009
T30	Tutu	St. Thomas	d	M	35-45	P	0.707875	0.000010
T31	Tutu	St. Thomas	d	F	35-45	P	0.707094	0.000009
T32A	Tutu	St. Thomas	d	Ind.	5	m	0.707693	0.000008
T33	Tutu	St. Thomas	d	M	35-45	P	0.707972	0.000010
T36	Tutu	St. Thomas	d	Ind.	40-50	P	0.707778	0.000005
T38	Tutu	St. Thomas	d	M	45-50	P	0.708708	0.000010
T39	Tutu	St. Thomas	d	Ind.	8	m	0.708094	0.000016
T41	Tutu	St. Thomas	d	Ind.	1.5	m	0.708236	0.000008
F337	Kelbey's Ridge	Saba	d	Ind.	2-3	m	0.707699	0.000010
F148	Kelbey's Ridge	Saba	d	F?	30+	C	0.708512	0.000007
F313	Kelbey's Ridge	Saba	d	Ind.	11-13	P	0.708281	0.000009
F166.1	Kelbey's Ridge	Saba	d	Ind.	10-12	P	0.708592	0.000012
F132.1	Kelbey's Ridge	Saba	d	F	46+	P	0.708640	0.000009
F068.1	Kelbey's Ridge	Saba	d	M	36-45	P	0.708789	0.000008
SB-F001	Spring Bay	Saba	d	Ind.	2-4	m	0.707852	0.000012
U9F26.1	Bloody Point	St. Kitts	s	?	18+	P	0.707547	0.000010
U9F26.2	Bloody Point	St. Kitts	s	?	18+	P	0.707723	0.000010
U10F25	Bloody Point	St. Kitts	s	?	18+	P	0.707489	0.000010
U10F20	Bloody Point	St. Kitts	s	?	18+	P	0.707416	0.000010
F50A	Anse à la Gourde	Guadeloupe	d	F	18+	P	0.709171	0.000008
F89	Anse à la Gourde	Guadeloupe	d	F	18-25	P	0.709161	0.000007
F108A	Anse à la Gourde	Guadeloupe	d	M	36-45	P	0.709172	0.000015
F137A	Anse à la Gourde	Guadeloupe	d	Ind.	18+	M2	0.709131	0.000014
F139	Anse à la Gourde	Guadeloupe	d	M	46+	P	0.709034	0.000009
F159	Anse à la Gourde	Guadeloupe	d	F	18-25	P	0.709146	0.000009
F171A	Anse à la Gourde	Guadeloupe	d	M	18-25	M1	0.708636	0.000020
F196	Anse à la Gourde	Guadeloupe	d	M	30+	P	0.709038	0.000009
F197	Anse à la Gourde	Guadeloupe	d	M	18-25	P	0.709125	0.000015
F200	Anse à la Gourde	Guadeloupe	d	F	18+	M3	0.709005	0.000010
F202	Anse à la Gourde	Guadeloupe	d	F?	18+	P	0.709127	0.000012
F206A	Anse à la Gourde	Guadeloupe	d	M	18+	P	0.709127	0.000009
F207	Anse à la Gourde	Guadeloupe	d	F	36-45	M1	0.709116	0.000013

Sample ID	Site	Island	d/s	Sex	Age	Ele.	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
F212	Anse à la Gourde	Guadeloupe	d	F?	18+	P	0.709083	0.000010
F219	Anse à la Gourde	Guadeloupe	d	Ind.	9-11	P	0.709050	0.000016
F238B	Anse à la Gourde	Guadeloupe	d	F	26-35	M2	0.709148	0.000011
F241	Anse à la Gourde	Guadeloupe	d	Ind.	18+	P	0.709058	0.000008
F253	Anse à la Gourde	Guadeloupe	D	F	30+	P	0.709162	0.000015
F288	Anse à la Gourde	Guadeloupe	d	M	26-35	P	0.708646	0.000008
F291	Anse à la Gourde	Guadeloupe	d	Ind.	4-9	M2	0.709088	0.000011
F292	Anse à la Gourde	Guadeloupe	d	M?	36-45	P	0.708755	0.000010
F304	Anse à la Gourde	Guadeloupe	d	F	26-35	P	0.709122	0.000040
F307	Anse à la Gourde	Guadeloupe	d	M	46+	P	0.709165	0.000008
F311	Anse à la Gourde	Guadeloupe	d	F	26-35	P	0.708849	0.000014
F332	Anse à la Gourde	Guadeloupe	d	F	26-35	P	0.708278	0.000009
F335	Anse à la Gourde	Guadeloupe	d	F	18+	M2	0.707725	0.000009
F339	Anse à la Gourde	Guadeloupe	d	M?	18+	I	0.709100	0.000009
F342	Anse à la Gourde	Guadeloupe	d	M	26-35	P	0.709031	0.000007
F348	Anse à la Gourde	Guadeloupe	d	Ind.	18+	I	0.709130	0.000009
F349A	Anse à la Gourde	Guadeloupe	d	M	26-35	P	0.709139	0.000011
F349C	Anse à la Gourde	Guadeloupe	d	F?	26-35	P	0.708590	0.000009
F350	Anse à la Gourde	Guadeloupe	d	F	36-45	P	0.709182	0.000010
F377	Anse à la Gourde	Guadeloupe	d	Ind.	2-3	c	0.709071	0.000027
F378	Anse à la Gourde	Guadeloupe	d	F	18-25	P	0.707490	0.000009
F430	Anse à la Gourde	Guadeloupe	d	F	26-35	P	0.708794	0.000009
F447	Anse à la Gourde	Guadeloupe	d	F	18-25	P	0.709090	0.000011
F450A	Anse à la Gourde	Guadeloupe	d	M	26-35	P	0.708690	0.000009
F451	Anse à la Gourde	Guadeloupe	d	F	26-35	P	0.709113	0.000008
F452	Anse à la Gourde	Guadeloupe	d	F	26-35	P	0.709182	0.000006
F454	Anse à la Gourde	Guadeloupe	d	F	18+	P	0.709164	0.000009
F529	Anse à la Gourde	Guadeloupe	d	F	18-25	P	0.709107	0.000012
F706	Anse à la Gourde	Guadeloupe	d	M	26-35	P	0.709168	0.000018
F726	Anse à la Gourde	Guadeloupe	d	M	26-35	P	0.709228	0.000013
F953	Anse à la Gourde	Guadeloupe	d	F	18+	P	0.709162	0.000012
F1126A	Anse à la Gourde	Guadeloupe	d	F	18+	I	0.709120	0.000008
F1203	Anse à la Gourde	Guadeloupe	d	M	26-35	P	0.709131	0.000012
F1207	Anse à la Gourde	Guadeloupe	d	Ind.	<18	P	0.708957	0.000009
F1226	Anse à la Gourde	Guadeloupe	d	M	26-35	P	0.709068	0.000009
F1413	Anse à la Gourde	Guadeloupe	d	Ind.	3-4	m	0.709193	0.000018
F1496A	Anse à la Gourde	Guadeloupe	d	M	18-25	P	0.709158	0.000007
F1651	Anse à la Gourde	Guadeloupe	d	M	26-35	P	0.709168	0.000006
F1922	Anse à la Gourde	Guadeloupe	d	Ind.	<1	P	0.709136	0.000010
F1944	Anse à la Gourde	Guadeloupe	d	Ind.	5-7	m	0.709287	0.000010
F1945	Anse à la Gourde	Guadeloupe	d	F	26-35	P	0.709166	0.000007

Sample ID	Site	Island	d/s	Sex	Age	Ele.	$^{87}\text{Sr}/^{86}\text{Sr}$	$\pm 2 \text{ S.E.}$
F1947	Anse à la Gourde	Guadeloupe	d	M	46+	P	0.709237	0.000013
F1948	Anse à la Gourde	Guadeloupe	d	M	46+	P	0.708895	0.000009
F1958	Anse à la Gourde	Guadeloupe	d	F?	46+	C	0.708996	0.000010
F2005	Anse à la Gourde	Guadeloupe	d	F?	18-25	P	0.708475	0.000012
F2106	Anse à la Gourde	Guadeloupe	d	M	30+	C	0.709143	0.000009
F2107	Anse à la Gourde	Guadeloupe	d	F?	13-15	P	0.709149	0.000008
F2109	Anse à la Gourde	Guadeloupe	d	F	>18	I	0.709071	0.000010
F2211	Anse à la Gourde	Guadeloupe	d	Ind.	2	m	0.709412	0.000014
F2212	Anse à la Gourde	Guadeloupe	d	F?	46+	P	0.709100	0.000008
F2213	Anse à la Gourde	Guadeloupe	d	F	46+	P	0.708854	0.000008
F2214	Anse à la Gourde	Guadeloupe	d	F?	36-45	P	0.709156	0.000012
F2215	Anse à la Gourde	Guadeloupe	d	F	26-35	P	0.707747	0.000007
F2216	Anse à la Gourde	Guadeloupe	d	M	36-45	P	0.709165	0.000006
F2217	Anse à la Gourde	Guadeloupe	d	F	18-25	P	0.709168	0.000005
F57-17	Lavoutte	St. Lucia	s	F	36-45	I	0.707229	0.000010
F67-18	Lavoutte	St. Lucia	s	Ind.	18+	P	0.707699	0.000011
F57-03	Lavoutte	St. Lucia	s	Ind.	10-12	P	0.707804	0.000017
F57-08	Lavoutte	St. Lucia	s	Ind.	18+	I	0.708572	0.000009
F57-11	Lavoutte	St. Lucia	s	F?	18+	P	0.707671	0.000010
F57-23	Lavoutte	St. Lucia	s	F	26-35	P	0.708132	0.000011
F58-22	Lavoutte	St. Lucia	s	M	36-45	P	0.708150	0.000014
F58-23A	Lavoutte	St. Lucia	s	F	18-25	P	0.707880	0.000010
F58-23B	Lavoutte	St. Lucia	s	M	26-35	P	0.708252	0.000010
F67-05	Lavoutte	St. Lucia	s	F?	26-35	C	0.708109	0.000010
F67-11	Lavoutte	St. Lucia	s	Ind.	18+	P	0.707634	0.000008
F67-12	Lavoutte	St. Lucia	s	F?	18+	P	0.707705	0.000010
F67-13	Lavoutte	St. Lucia	s	M	36-45	C	0.707997	0.000010
F67-14	Lavoutte	St. Lucia	s	Ind.	4-5	M1	0.708021	0.000011
F67-19	Lavoutte	St. Lucia	s	Ind.	18-25	P	0.707956	0.000008
F67-31	Lavoutte	St. Lucia	s	M	36-45	P	0.707591	0.000009
F67-33	Lavoutte	St. Lucia	s	M	46+	P	0.707684	0.000013
F68-01	Lavoutte	St. Lucia	s	M	26-35	P	0.707905	0.000008
F68-04	Lavoutte	St. Lucia	s	M	26-35	P	0.708237	0.000009
F68-05	Lavoutte	St. Lucia	s	F	36-45	P	0.707812	0.000008
F68-07	Lavoutte	St. Lucia	s	M	26-35	P	0.707836	0.000009
F68-08	Lavoutte	St. Lucia	s	Ind.	4-5	m	0.708013	0.000009
F68-11	Lavoutte	St. Lucia	s	F	46+	C	0.708005	0.000007
F68-20	Lavoutte	St. Lucia	s	F	36-45	P	0.707810	0.000008
F69-01	Lavoutte	St. Lucia	s	M	36-45	M	0.708094	0.000011
F69-02	Lavoutte	St. Lucia	s	F?	14-16	P	0.707804	0.000010
F69-05	Lavoutte	St. Lucia	s	Ind.	35-45	P	0.707910	0.000010

Sample ID	Site	Island	d/s	Sex	Age	Ele.	$^{87}\text{Sr}/^{86}\text{Sr}$	$\pm 2 \text{ S.E.}$
F68-29	Lavoutte	St. Lucia	s	F?	18+	C	0.707553	0.000008
SLL-A1	Lavoutte	St. Lucia	s	M	36-45	P	0.707612	0.000010
SLL-A2	Lavoutte	St. Lucia	s	M	46+	P	0.708132	0.000014
SLL-A3	Lavoutte	St. Lucia	s	F	18+	P	0.707963	0.000010
SLL-A4	Lavoutte	St. Lucia	s	Ind.	5-6	M1	0.707893	0.000008
U7L1.43	Giraudy	St. Lucia	s	n/o	18+	M2	0.708756	0.000012
F23-19	Argyle I	St. Vincent	s	n/o	n/o	P	0.707542	0.000006
F42-15	Argyle I	St. Vincent	s	n/o	n/o	P	0.708043	0.000009
SVA2-B1	Argyle II	St. Vincent	s	M	36-45	P	0.707750	0.000010
SVA2-B2	Argyle II	St. Vincent	s	n/o	18+	P	0.707688	0.000009
SVA2-B3	Argyle II	St. Vincent	s	M	18-25	P	0.708687	0.000009
SVA2-B6	Argyle II	St. Vincent	s	n/o	18+	M1	0.708170	0.000008
SVA2-B7	Argyle II	St. Vincent	s	n/o	n/o	M1	0.707987	0.000006
SVA2-B9	Argyle II	St. Vincent	s	n/o	n/o	M1	0.707629	0.000010
SVA2-B10	Argyle II	St. Vincent	s	n/o	7-9	M1	0.707672	0.000009
SVA2-B11	Argyle II	St. Vincent	s	n/o	adult	P	0.707763	0.000008
SVA2-B12	Argyle II	St. Vincent	s	n/o	n/o	M	0.707703	0.000009
SVA2-B13	Argyle II	St. Vincent	s	n/o	n/o	P	0.707826	0.000010
SVA2-B14	Argyle II	St. Vincent	s	n/o	18+	M	0.707512	0.000009
SVA2-B15	Argyle II	St. Vincent	s	n/o	18+	P	0.707962	0.000010
SVA2-B18	Argyle II	St. Vincent	s	n/o	18+	M	0.707795	0.000009
SVA2-B19	Argyle II	St. Vincent	s	n/o	18+	P	0.707343	0.000008
SVE-B1	Escape	St. Vincent	s	F?	26-35	P	0.707661	0.000009
SVE-B2	Escape	St. Vincent	s	F?	36-45	P	0.707710	0.000008
SVE-B3	Escape	St. Vincent	s	F?	46+	P	0.707576	0.000009
SVE-B4	Escape	St. Vincent	s	n/o	26-35	P	0.706758	0.000011
SVE-B5	Escape	St. Vincent	s	n/o	n/o	P	0.707666	0.000011
SVE-B6	Escape	St. Vincent	s	M?	18-25	P	0.707150	0.000009
SVE-B7	Escape	St. Vincent	s	n/o	18+	P	0.707582	0.000009
SVE-B8	Escape	St. Vincent	s	n/o	26-35	P	0.708023	0.000008
SVE-B9	Escape	St. Vincent	s	n/o	n/o	P	0.707454	0.000010
SVE-B10	Escape	St. Vincent	s	F?	18-25	P	0.707610	0.000012
SVE-B11	Escape	St. Vincent	s	n/o	18+	P	0.707620	0.000012
SVE-B12	Escape	St. Vincent	s	n/o	46+	P	0.707616	0.000010
SVE-B13	Escape	St. Vincent	s	n/o	36-45	P	0.707681	0.000012
SVE-B14	Escape	St. Vincent	s	n/o	26-35	P	0.707630	0.000008
SVE-B15	Escape	St. Vincent	s	n/o	46+	P	0.707532	0.000009
SVE-B16	Escape	St. Vincent	s	n/o	18-25	P	0.707589	0.000009
SVE-B17	Escape	St. Vincent	s	n/o	26-35	P	0.707431	0.000011
SVE-B18	Escape	St. Vincent	S	n/o	16-18	P	0.707661	0.000008
SVE-B19	Escape	St. Vincent	s	F?	26-35	P	0.707692	0.000009

Sample ID	Site	Island	d/s	Sex	Age	Ele.	⁸⁷ Sr/ ⁸⁶ Sr	± 2 S.E.
SVE-B20	Escape	St. Vincent	s	Ind.	5-7	P	0.707225	0.000009
SVE-B21	Escape	St. Vincent	s	n/o	18-25	P	0.707567	0.000012
SVE-B22	Escape	St. Vincent	s	n/o	18+	P	0.707769	0.000010
SVE-B23	Escape	St. Vincent	s	n/o	18-25	P	0.707683	0.000010
SVE-B24	Escape	St. Vincent	s	M?	36-45	P	0.707076	0.000010
SVE-B37	Escape	St. Vincent	s	n/o	18+	C	0.707943	0.000008
SVE-F27	Escape	St. Vincent	s	n/o	18+	M1	0.707418	0.000009
SVBW-1	Bucc. West	St. Vincent	s	n/o	18+	P	0.706346	0.000008
H98/A/11	Heywoods	Barbados	s	n/o	18-25	P	0.709130	0.000010
H98/A/35	Heywoods	Barbados	s	n/o	36-45	P	0.709146	0.000010
H98/D/61	Heywoods	Barbados	s	n/o	18-25	P	0.709128	0.000010
F118	Manzanilla	Trinidad	s	F?	18-25	P	0.709453	0.000010
F119	Manzanilla	Trinidad	s	M	46+	P	0.709714	0.000009
F180B	Manzanilla	Trinidad	s	M	36-45	P	0.709561	0.000010
F189A	Manzanilla	Trinidad	s	Ind.	9-10	P	0.708648	0.000009
F189B	Manzanilla	Trinidad	s	M	26-35	M2	0.708543	0.000008
F214	Manzanilla	Trinidad	s	M	18-25	I	0.709341	0.000009
F244	Manzanilla	Trinidad	s	M?	18-25	P	0.710237	0.000008
F255	Manzanilla	Trinidad	s	M	26-35	P	0.709897	0.000010
F251	Manzanilla	Trinidad	s	F	46+	P	0.709745	0.000009
F267A	Manzanilla	Trinidad	s	Ind.	9-11	P	0.709893	0.000008
F267B	Manzanilla	Trinidad	s	M	18+	P	0.721787	0.000008
F267/9	Manzanilla	Trinidad	s	M?	26-35	P	0.709860	0.000009
F291	Manzanilla	Trinidad	s	Ind.	14-16	P	0.711067	0.000006
F292	Manzanilla	Trinidad	s	Ind.	10-12	P	0.710409	0.000007
F294	Manzanilla	Trinidad	s	M	18-25	P	0.709372	0.000009
F197	Manzanilla	Trinidad	s	Ind.	3-4	M1	0.709125	0.000009
Ma-6	Malmok	Aruba	s	n/o	26-35	M3	0.709176	0.000011
Ma-10	Malmok	Aruba	s	F	26-35	P	0.709057	0.000010
Ma-13	Malmok	Aruba	s	n/o	36-45	P	0.709081	0.000009
Ma-ap490	Malmok	Aruba	s	M	26-35	P	0.709145	0.000010
CC-1959	Ceru Canashito	Aruba	s	n/o	18+	M2	0.709876	0.000008
TF-F200	Tanki Flip	Aruba	s	n/o	18+	P	0.708586	0.000010
TF-F488	Tanki Flip	Aruba	s	n/o	18-25	C	0.708967	0.000009
Sv-237A	Savaneta	Aruba	s	M	26-35	C	0.708835	0.000009
SC-F1	Santa Cruz	Aruba	s	n/o	18-25	M1	0.708233	0.000009

Table 16: Appendix C – Human sample information and carbon and oxygen isotope results

Sample ID	Site	Region	Sex	Element	$\delta^{13}\text{C}_{\text{ca}}$	$\delta^{18}\text{O}_{\text{ca}}$
					‰ PBD	‰ PBD
CM25	El Chorro de Maita	Cuba	M	P3	-10.3	-4.3
CM3	El Chorro de Maita	Cuba	F	P3	-12.1	-2.9
CM36	El Chorro de Maita	Cuba	J	P3	-12.3	-2.0
CM45	El Chorro de Maita	Cuba	M	P3	-5.1	-5.4
CM6	El Chorro de Maita	Cuba	J	M1	-11.4	-3.3
CM65	El Chorro de Maita	Cuba	M	P4	-12.3	-2.7
CM72B	El Chorro de Maita	Cuba	F	P3	-3.7	-3.7
CM81	El Chorro de Maita	Cuba	F	P3	-12.9	-2.8
CM84	El Chorro de Maita	Cuba	J	M1	-12.7	-3.3
CM87A	El Chorro de Maita	Cuba	F	P4	-12.7	-2.5
CM89	El Chorro de Maita	Cuba	M	P3	-12.1	-2.7
CM92	El Chorro de Maita	Cuba	M	P3	-11.4	-2.4
B1	Punta Macao	Dominican Rep.	I	P4	-14.2	-1.8
B5	Punta Macao	Dominican Rep.	I	P4	-13.4	-2.7
B6B	Punta Macao	Dominican Rep.	J	m2	-12.8	-2.9
B9	Punta Macao	Dominican Rep.	I	P4	-12.5	-2.5
B1	El Cabo	Dominican Rep.	I	P3	-12.7	-1.9
B21	Maisabel	Puerto Rico	F	P3	-13.1	-2.2
B28	Maisabel	Puerto Rico	M	M1	-11.1	-1.1
B3	Maisabel	Puerto Rico	J	m2	-12.7	-2.0
B31	Maisabel	Puerto Rico	J	M1	-11.1	-2.9
B7	Maisabel	Puerto Rico	M	P3	-12.5	-1.7
T09	Tutu	St. Thomas	M	P3	-12.1	-2.1
T20	Tutu	St. Thomas	J	P4	-11.3	-3.1
T23B	Tutu	St. Thomas	F	P4	-12.0	-2.6
T31	Tutu	St. Thomas	F	P4	-11.6	-1.8
T38	Tutu	St. Thomas	M	P3	-9.3	-2.4
F148	Kelbey's Ridge	Saba	F	C	-11.4	-2.0
F166	Kelbey's Ridge	Saba	J	P3	-12.7	-2.8
F313	Kelbey's Ridge	Saba	J	P4	-12.8	-2.1
F337	Kelbey's Ridge	Saba	J	m1	-11.9	-2.7
F68.1	Kelbey's Ridge	Saba	M	I1	-9.9	-2.2
F207	Anse à la Gourde	Guadeloupe	F	M1	-12.1	-2.0
F2212	Anse à la Gourde	Guadeloupe	F	P4	-11.0	-2.1

Sample ID	Site	Region	Sex	Element	$\delta^{13}\text{C}_{\text{ca}}$	$\delta^{18}\text{O}_{\text{ca}}$
F2215	Anse à la Gourde	Guadeloupe	F	P3	-11.2	-2.8
F2216	Anse à la Gourde	Guadeloupe	M	P4	-10.8	-2.1
F311	Anse à la Gourde	Guadeloupe	F	P4	-11.1	-2.2
F430	Anse à la Gourde	Guadeloupe	F	P4	-11.5	-2.2
F450	Anse à la Gourde	Guadeloupe	M	P3	-11.1	-1.3
F57-08	Lavoutte	St. Lucia	I	I1	-11.3	-2.5
F57-17	Lavoutte	St. Lucia	F	I1	-11.5	-3.1
F58-23A	Lavoutte	St. Lucia	F	P3	-9.1	-2.9
F58-23B	Lavoutte	St. Lucia	M	m2	-12.1	-3.4
F68-08	Lavoutte	St. Lucia	J	P3	-11.3	-2.0
F118	Manzanilla	Trinidad	F	P4	-7.2	-2.9
F189B	Manzanilla	Trinidad	M	M2	-7.9	-2.8
F255	Manzanilla	Trinidad	F	P4	-8.3	-3.3
F267B	Manzanilla	Trinidad	M	P4	-12.5	-2.1
F291	Manzanilla	Trinidad	I	P3	-9.5	-2.9

CURRICULUM VITAE

Jason Laffoon was born in 1974 in Waukegan, Illinois in the United States of America. For his secondary education, he attended Huntley High School. Jason did his undergraduate studies at the University of Illinois at Chicago (UIC) where he received his BA in 2003 with a major in Anthropology and a minor in Biology. He stayed at UIC for his early post-graduate studies and obtained his MA in anthropology in 2006 with a focus on biochemical studies of human remains from the prehistoric Caribbean. During this time he participated in archaeological field projects in North America, South America, and the Caribbean. Since 2008, he has carried out his doctoral research *Patterns of Paleomobility in the Ancient Antilles* at Leiden University as part of the NWO-funded VICI research programme 'Communicating Communities in the Circum-Caribbean' (VICI-project no. 277-62-001) directed by Professor C.L. Hofman. In collaboration with the Leiden Caribbean Research Group, Jason has carried out archaeological research throughout the Caribbean, and in 2012 he began employment as a lecturer in Human Osteoarchaeology at the Faculty of Archaeology, Leiden University, The Netherlands