SUPPLEMENTARY DATA: "SHELL TAPHONOMY AND FIDELITY OF LIVING, DEAD, HOLOCENE AND PLEISTOCENE LAND SNAIL ASSEMBLAGES" by Yurena Yanes

TABLE S1—Taphonomic results of land snail assemblages from San Salvador Island (Bahamas).

Sample ID	Locality	Age level	Taxon	TNR*	MNI**	Fragmentation	Ornament loss	Color loss	Carbonate Coating
DB-live-1	Dim Bay	Live	*Cerion spp.*	60	60	0	5	14	0
DB-live-2	Dim Bay	Live	*Cerion spp.*	60	60	0	6	19	0
FH-live-1a	Fortune Hill	Live	*Cerion spp.*	66	66	0	0	0	0
FH-live-1b	Fortune Hill	Live	*Hemitrochus varians*	6	6	0	0	0	0
HardB-live-1a	Hard bargain	Live	*Cerion spp.*	44	44	0	3	0	0
HardB-live-1b	Hard bargain	Live	*Hemitrochus varians*	1	1	0	0	0	0
HardB-live-2	Hard bargain	Live	*Cerion spp.*	69	69	0	0	0	0
LL-live-1a	Little Lake	Live	*Cerion spp.*	9	9	0	0	0	0
LL-live-1b	Little Lake	Live	*Hemitrochus varians*	14	14	0	0	0	0
LL-live-2	Little Lake	Live	*Cerion spp.*	18	18	0	0	0	0
NP-live-1	North Point	Live	*Cerion spp.*	53	53	0	3	1	0
NP-live-2	North Point	Live	*Cerion spp.*	65	65	0	2	3	0
PC-live-1a	Pigeon Creek	Live	*Cerion spp.*	62	62	0	0	2	0
PC-live-1b	Pigeon Creek	Live	*Hemitrochus varians*	25	25	0	0	0	0
PC-live-2a	Pigeon Creek	Live	*Cerion spp.*	55	55	0	0	3	0
PC-live-2b	Pigeon Creek	Live	*Hemitrochus varians*	24	24	0	0	0	0
RP-live-1a	Rocky Point	Live	*Cerion spp.*	57	57	0	2	0	0
RP-live-1b	Rocky Point	Live	*Hemitrochus varians*	1	1	0	0	0	0
RP-live-2a	Rocky Point	Live	*Cerion spp.*	43	43	0	0	0	0
RP-live-2b	Rocky Point	Live	*Hemitrochus varians*	2	2	0	0	0	0
SB-live-1	Singer Bar Point	Live	*Cerion spp.*	40	40	0	0	0	0
DB-dead-1a	Dim Bay	Dead	*Cerion spp.*	125	50	75	36	59	0
DB-dead-1b	Dim Bay	Dead	*Hemitrochus varians*	19	18	1	9	1	0
FB-dead-1a	Fernandez Bay	Dead	*Cerion spp.*	1	0	1	1	1	0
FB-dead-1b	Fernandez Bay	Dead	*Hemitrochus varians*	46	16	30	34	15	0
FB-dead-1c	Fernandez Bay	Dead	*Plagioptycha duclosiana salvatoris*	38	17	21	38	37	0
FH-dead-1a	Fortune Hill	Dead	*Cerion spp.*	85	69	16	48	84	0
FH-dead-1b	Fortune Hill	Dead	*Hemitrochus varians*	19	19	0	19	0	0
HardB-dead-1a	Hard bargain	Dead	*Cerion spp.*	43	13	30	37	28	0
HardB-dead-1b	Hard bargain	Dead	*Hemitrochus varians*	6	5	1	6	2	0
HardB-dead-1c	Hard bargain	Dead	*Plagioptycha duclosiana salvatoris*	8	3	5	8	8	0
HardB-dead-2a	Hard bargain	Dead	*Cerion spp.*	54	29	25	46	39	0
HardB-dead-2b	Hard bargain	Dead	*Hemitrochus varians*	3	2	1	3	3	0
HardB-dead-2c	Hard bargain	Dead	*Plagioptycha duclosiana salvatoris*	13	3	10	13	13	0

* TNR=total number of remains; **MNI=minimum number of individuals (= number of specimens with protoconch or embryonic shell).

TABLE S1— (Continued)

Sample ID	Locality	Age level	Taxon	TNR*	MNI**	Fragmentation	Ornament loss	Color loss	Carbonate coating
LL-dead-1	Little Lake	Dead	*Cerion spp.*	57	57	0	12	51	0
LL-dead-2	Little Lake	Dead	*Cerion spp.*	37	28	9	3	3	0
NP-dead-1	North Point	Dead	*Cerion spp.*	73	31	42	7	18	0
NP-dead-2	North Point	Dead	*Cerion spp.*	69	24	45	9	8	0
PC-dead-1a	Pigeon Creek	Dead	*Cerion spp.*	8	5	3	1	1	1
PC-dead-1b	Pigeon Creek	Dead	*Hemitrochus varians*	61	53	8	6	0	0
RP-dead-1a	Rocky Point	Dead	*Cerion spp.*	54	22	32	5	2	0
RP-dead-1b	Rocky Point	Dead	*Hemitrochus varians*	9	2	7	3	0	0
RP-dead-1c	Rocky Point	Dead	*Plagioptycha duclosiana salvatoris*	3	1	2	0	0	0
RP-dead-2a	Rocky Point	Dead	*Cerion spp.*	62	43	19	24	46	0
RP-dead-2b	Rocky Point	Dead	*Hemitrochus varians*	7	2	5	1	1	0
RP-dead-2c	Rocky Point	Dead	*Plagioptycha duclosiana salvatoris*	2	0	2	2	2	0
SB-dead-1	Singer Bar Point	Dead	*Cerion spp.*	85	64	21	10	10	0
TG-dead-1a	The Gulf	Dead	*Cerion spp.*	125	79	46	36	81	0
TG-dead-1b	The Gulf	Dead	*Hemitrochus varians*	33	33	0	3	9	0
HB-Holocene-1	Hanna Bay	Holocene	*Cerion spp.*	62	13	49	61	62	0
HB-Holocene-2	Hanna Bay	Holocene	*Cerion spp.*	55	29	26	55	55	0
HB-Holocene-3	Hanna Bay	Holocene	*Cerion spp.*	67	26	41	67	67	0
NP-Holocene-1	North Point	Holocene	*Cerion spp.*	86	26	60	28	85	0
NP-Holocene-2	North Point	Holocene	*Cerion spp.*	75	29	46	29	74	0
NP-Holocene-3	North Point	Holocene	*Cerion spp.*	109	41	68	28	109	0
TG-Pleistocene-1	The Gulf	Pleistocene	*Cerion spp.*	110	50	60	72	86	86
TG-Pleistocene-2	The Gulf	Pleistocene	*Cerion spp.*	72	33	39	37	58	60
TG-Pleistocene-3	The Gulf	Pleistocene	*Cerion spp.*	64	20	44	34	60	56
WQ-Pleistocene-1	Watling's Quarry	Pleistocene	*Cerion spp.*	105	75	30	9	102	105
WQ-Pleistocene-2	Watling's Quarry	Pleistocene	*Cerion spp.*	60	36	24	0	60	59
WQ-Pleistocene-3	Watling's Quarry	Pleistocene	*Cerion spp.*	50	32	18	1	50	50

* TNR=total number of remains; **MNI=minimum number of individuals (= number of specimens with protoconch or embryonic shell).

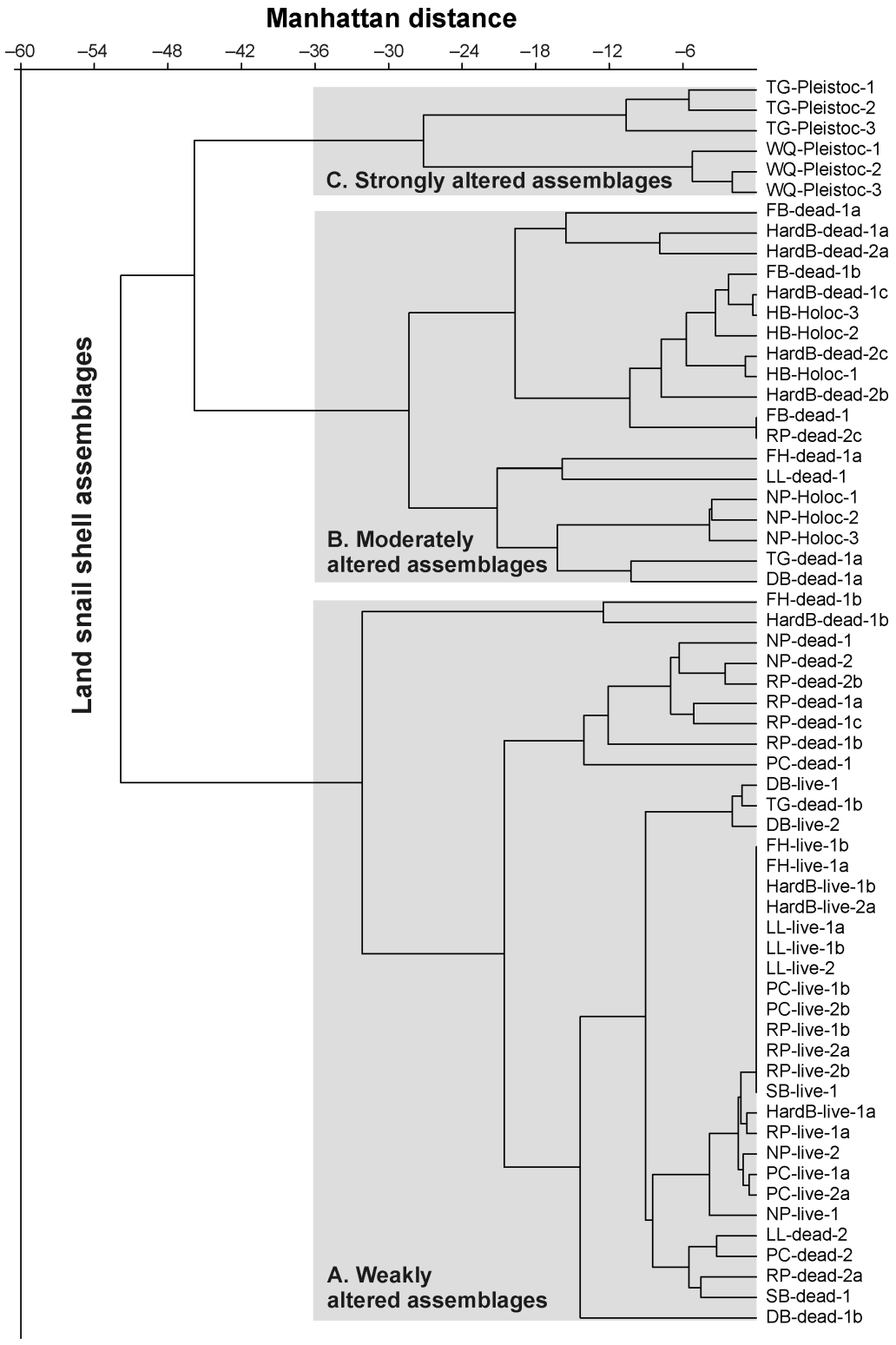

FIGURE S1—Taphofacies identification by cluster analysis of 61 land snail shell assembla based on the taphonomic variables (proportion of fragmentation, ornament loss, color loss a carbonate coating) using Manhattan distances and group-average linkage method.