

Ecography

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Supplementary material

Appendix 1

Table A1. Correspondence of the climatic levels named PI-VI and DI-VII (from Portalón and Gran Dolina respectively) with stratigraphic levels and archaeological divisions as “Tallas” (i.e. spits) in Gran Dolina (T0-74) and Sublevels in Portalón (P3-15) and original paleoclimatic data from Blain et al. (2009; 2012; 2013), López García (2008) and López-García et al. (2010).

CLIMATIC UNIT	STRAT. LEVEL	TALLA / SUBLEVEL	TEMPERATURE						PRECIPITATION					
			MTC		MTW		MAT		DJF		JJA		MAP	
			MEAN	SD	MEAN	SD	MEAN	SD	MEAN	SD	MEAN	SD	MEAN	SD
PVI	N10	P3	1.5	2.3	16.4	1.2	8.4	2.2	270	86	153	51	1331	502
		P4	1.9	2.9	16.5	1.1	8.4	2.0	260	77	153	55	1354	420
PV		P7	2.5	0.5	19.6	1.0	7.1	1.6	244	0	197	0	950	87
		P8	2.5	0.5	19.6	1.0	7.3	1.5	244	0	197	0	950	87
		P9	2.5	0.5	19.6	1.0	7.3	1.5	244	0	197	0	950	87
		P10	2.5	0.5	19.6	1.0	7.3	1.5	244	0	197	0	950	87
		P11	2.5	0.5	19.6	1.0	7.3	1.5	244	0	197	0	950	87
PIV		P12	2.1	2.7	17.6	1.5	8.8	2.5	263	83	156	53	1346	357
PIII		P13	2.5	0.5	19.6	1.0	7.3	1.5	244	0	197	0	950	87
PII		P14	3.3	0.8	20.0	0.4	9.4	1.5	244	0	197	0	860	108
PI		P15	2.5	0.5	19.6	1.0	7.3	1.5	244	0	197	0	950	87
DVII	TD10	T0	3.49	1.95	19.59	1.67	11.45	1.94	187	44	140	28	975	206
		T1	3.70	2.00	19.90	1.44	11.60	1.83	178	44	145	26	876	153
		T2	3.74	2.13	19.56	1.53	11.29	2.06	189	52	154	33	990	202
		T4	3.70	2.00	19.90	1.44	11.60	1.83	178	44	145	26	876	153
		T5	3.70	2.00	19.90	1.44	11.60	1.83	178	44	145	26	876	153
		T6	4.25	0.73	19.61	1.21	11.75	0.78	211	14	132	22	811	121
		T8	3.49	1.95	19.59	1.67	11.45	1.94	187	44	140	28	975	206
		T9	4.16	1.98	21.02	1.20	12.68	1.33	146	41	149	23	864	126
		T10	3.70	2.00	19.90	1.44	11.75	0.35	178	44	145	26	876	153
		T12	2.93	1.91	18.98	1.63	11.28	1.92	183	52	151	33	923	122
		T15	3.70	2.00	19.90	1.44	11.60	1.83	178	44	145	26	876	153
		T16	3.75	0.35	19.75	0.35	11.75	0.35	167	53	134	5	750	212
		T17	5.67	1.41	20.00	1.37	12.89	0.68	161	53	154	27	867	101
T18	2.98	1.89	19.32	1.51	11.18	1.92	189	53	152	33	955	116		
DVI		T19	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T20	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T21	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
DV	TD8	T28	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46

DIV	TD7	T30	3.43	1.46	20.27	0.80	12.07	1.08	167	50	148	25	907	169
DIII	TD6	T32	3.13	2.10	18.50	2.05	11.58	1.46	178	49	145	30	976	103
		T33	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T34	3.82	2.16	19.76	1.50	11.98	1.42	175	51	146	27	880	148
		T35	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T36	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T37	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T38	3.49	1.95	19.59	1.67	11.45	1.94	187	44	140	28	975	206
		T40	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T41	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T43	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T44	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T45	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T47	3.25	2.17	20.13	1.16	12.38	1.30	148	41	153	27	1025	46
DII		T48	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T49	2.98	1.89	19.32	1.51	11.18	1.92	189	53	152	33	955	116
		T50	3.75	1.87	20.25	1.16	12.56	1.18	148	41	153	27	981	46
		T51	3.72	1.65	19.56	1.28	11.47	1.59	192	58	156	36	983	162
		T52	2.76	2.31	18.98	1.79	10.74	2.31	198	57	159	36	943	137
		T53	2.91	2.16	19.30	1.64	11.05	2.14	185	51	152	33	961	102
		T54	2.91	2.16	19.30	1.64	11.05	2.14	185	51	152	33	961	102
		T55	3.19	2.01	18.88	1.58	10.74	2.14	203	51	156	38	1049	193
	TD5	T58	3.70	2.00	19.90	1.44	11.60	1.83	178	44	145	26	876	153
		T59	3.70	2.00	19.90	1.44	11.60	1.83	178	44	145	26	876	153
		T60	2.98	1.89	19.32	1.51	11.18	1.92	189	53	152	33	955	116
		T61	2.98	1.89	19.32	1.51	11.18	1.92	189	53	152	33	955	116
		T62	3.53	1.97	19.42	1.51	11.26	2.02	193	48	150	32	984	207
		T63	2.98	1.89	19.32	1.51	11.18	1.92	189	53	152	33	955	116
		T64	2.98	1.89	19.32	1.51	11.18	1.92	189	53	152	33	955	116
DI		T65	3.32	1.75	19.95	0.93	12.18	0.96	146	39	143	18	977	117
		T66	3.31	1.89	20.00	1.02	11.77	1.49	161	51	151	26	981	101
		T67	3.13	2.10	18.50	2.05	11.58	1.46	178	49	145	30	976	103
		T68	3.32	1.75	19.95	0.93	12.18	0.96	146	39	143	18	977	117
		T69	3.70	2.00	19.90	1.44	11.60	1.83	178	44	145	26	876	153
		T70	3.13	2.10	18.50	2.05	11.58	1.46	178	49	145	30	976	103
		T71	3.31	1.89	20.00	1.02	11.77	1.49	161	51	151	26	981	101
		T72	2.56	1.84	18.56	1.76	9.96	2.25	196	35	165	39	928	220
		T74	3.31	1.96	20.00	1.02	12.15	1.25	155	42	141	17	938	160