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Walking in a winter wonderland? Strategies for Early and Middle Pleistocene survival in mid-latitude Europe

Article

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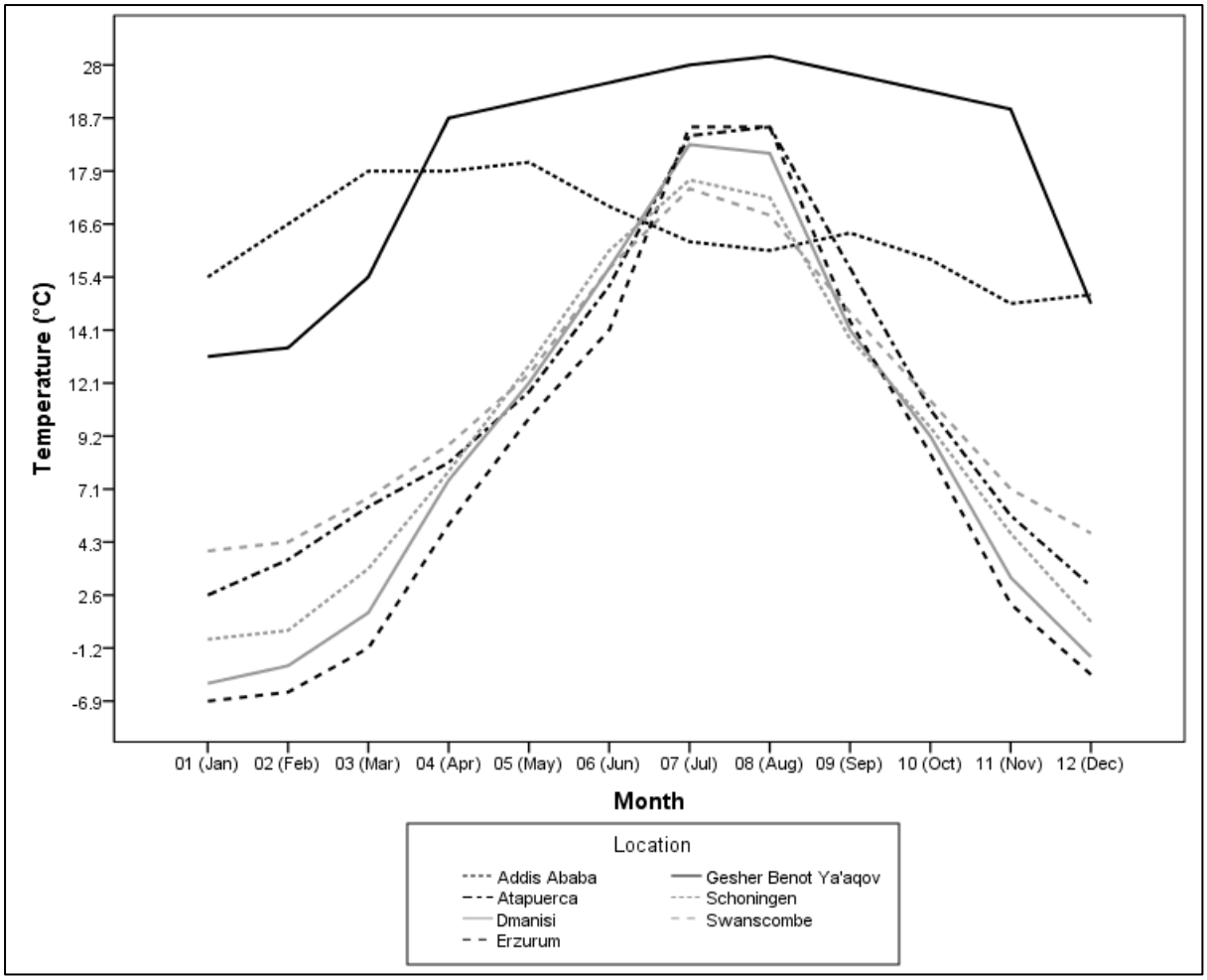
Location	Coordinates	Month											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Addis Ababa[1]	09°01'N, 38°44'E	15.4	16.6	17.9	17.9	18.0	17.0	15.9	15.8	16.2	15.7	14.8	14.9
Atapuerca	44°22'N, 03°31'W	2.6	3.7	6.3	8.0	11.4	15.2	18.3	18.5	15.6	10.9	6.0	3.3
Dmanisi[2]	41°19'N, 44°21'E	-3.8	-2.6	1.6	7.2	12.1	15.6	18.2	18.1	14.1	9.2	3.4	-1.3
Erzurum[3]	39°54'N, 41°16'E	-6.9	-5.6	-1.2	5.4	10.1	14.1	18.5	18.5	14.3	8.1	2.1	-3.7
Gesher Benot Ya'aqov[4]	33°03'N, 35°36'E	12.7	13.3	15.4	18.7	23.0	26.0	28.0	28.6	26.9	23.9	19.4	14.8
Schöningen	52°08'N, 10°57'E	0.1	0.5	3.6	7.8	12.5	15.8	17.5	17.2	13.9	9.3	4.7	1.4
Swanscombe	51°26'N, 00°17'E	3.8	4.3	6.4	8.9	12.2	15.6	17.3	16.9	14.6	11.1	7.1	4.7

Table 1: Present day average temperatures (°C), by month, for selected locations (data source: Climate-Data.org [http://en.climate-data.org/]).

[1]Addis Ababa elevation: 2,355m asl; [2]Dmanisi elevation: 1,225m asl; [3]Erzurum elevation: 1,904m asl; [4]Estimates for Gesher Benot Ya'aqov based on data for Hulata.

Food	**Weight (g)**	**Energy (kcal)**	**Energy (kj)**	**Fat (g)**	**Protein (g)**	**Calcium (mg)**	**Iron (mg)**	**Vitamin A (RE)[1]**	**Thiamin (mg)**	**Riboflavin (mg)**	**Niacin (NE)[2]**	**Vitamin C (mg)**
Caribou, roasted	90	170	711	4.5	30	20	6.3	0.0	.19	.82	8.3	0
Caribou, dried	90	293	1226	7.0	53	10	11.7	6.3	.29	.65	10.2	3

Table 2: Energy and nutrient values for dried and roasted caribou (Health Canada 1995:120). [1]RE: *retinol equivalents;* [2]*NE:* niacin equivalents, where 1mg niacin equivalent is equal to 1mg niacin or 60mg tryptophan.



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