

Supplementary Materials: Behavioral strategies of prehistoric and historic children from dental microwear texture analysis

Almudena Estalrrich and Kristin L. Krueger

Table S1: List of specimens studied

Specimen	Cultural context	Tooth	Reference
El Castillo 924	Mousterian	ULdi1	Garralda et al., 2022
El Sidrón SD1721	Mousterian	URdc	Rosas et al., 2013; Rosas et al., 2017
Engis 2	Mousterian	ULdi1	Tillier, 1983
Krapina_13	Mousterian	LLdi2	Radovčić et al., 1988
LaChaise_S14-2	Mousterian	LRdi1	Piveteau, 1982; Teihol, 2001
LaChaise_S14-3	Mousterian	LRdi2	Piveteau, 1982; Teihol, 2001
LaChaiseBD_BD19	Mousterian	LRdc	Condemi, 2001; Teihol, 2001
PechdelAze_1	Mousterian	URdi1	Soressi et al., 2007
Qafzeh_10	Mousterian UP	ULdc	Tillier, 1980
Qafzeh_4	Mousterian UP	URdc	Tillier, 1980
Pavlov_13	Gravettian	di	Sládek et al., 2000; Hillson, 2006; Svoboda, 2006
Pavlov_14	Gravettian	dc	Sládek et al., 2000; Hillson, 2006; Svoboda, 2006
Pavlov_16	Gravettian	di	Sládek et al., 2000; Hillson, 2006; Svoboda, 2006
Pavlov_18	Gravettian	di	Sládek et al., 2000; Hillson, 2006; Svoboda, 2006

Solutre	Solutrean	LRdi2	Tompkins, 1996
SaintGermain_1970-7-4	Magdalenian	di	Gambier et al., 2000
SaintGermain_1970-7-8	Magdalenian	dc	Gambier et al., 2000
StGermain_B3	Magdalenian	LLdc	Blanchard et al., 1972
Mazo #200	Chalcolithic	Uldc	González Rabanal, 2022
Espinoso Nicho 3 #43	Bronze Age	LRdi2	González Rabanal, 2022
Abrigo de la Castañera#133	Bronze Age	ULdc	González Rabanal, 2022
Abrigo de la Castañera #198	Bronze Age	URdc	González Rabanal, 2022
Amarna_Egypt_SK11	Historic-Amarna	Ldc	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK195	Historic-Amarna	Rdi1	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK198	Historic-Amarna	Ldi1	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK199	Historic-Amarna	Ldc	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK242	Historic-Amarna	Rdi2	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK243	Historic-Amarna	Rdi1	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK244	Historic-Amarna	Ldi1	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK258	Historic-Amarna	Rdi1	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK272	Historic-Amarna	Rdc	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK274	Historic-Amarna	Rdc	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK312	Historic-Amarna	Rdi1	Kemp, 2005; Rose, 2006

Amarna_Egypt_SK330	Historic-Amarna	Rdi2	Kemp, 2005; Rose, 2006
Amarna_Egypt_I192	Historic-Amarna	Ldc	Kemp, 2005; Rose, 2006
Amarna_Egypt_I373	Historic-Amarna	Ldc	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK304	Historic-Amarna	Ldi1	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK284	Historic-Amarna	Rdi1	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK197	Historic-Amarna	Rdi1	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK196	Historic-Amarna	Rdi1	Kemp, 2005; Rose, 2006
Amarna_Egypt_SK238	Historic-Amarna	Ldi1	Kemp, 2005; Rose, 2006
Ipiutak_PointHope_83	Historic-Point Hope	URdi1	Krueger, 2006; Dabbs, 2009
Ipiutak_PointHope_108	Historic-Point Hope	ULdi1	Krueger, 2006; Dabbs, 2009
Ipiutak_PointHope_167	Historic-Point Hope	URdi1	Krueger, 2006; Dabbs, 2009
Tigara_PointHope_244	Historic-Point Hope	URdi1	Krueger, 2006; Dabbs, 2009
Tigara_PointHope_273	Historic-Point Hope	URdi1	Krueger, 2006; Dabbs, 2009
Tigara_PointHope_280	Historic-Point Hope	ULdi1	Krueger, 2006; Dabbs, 2009

References

- Blanchard, R., Peyrony, D. and Vallois, H.V. (1972) Le gisement et le squelette de Saint-Germain-la-Rivière Masson, Paris.
- Condemi, S. (2001) Les Néanderthaliens de La Chaise. Editions du Comité des Travaux Historiques et Scientifiques CTHS. Documents préhistoire, 15, Paris.

- Dabbs, G.R. (2009) Health and nutrition at prehistoric Point Hope, Alaska: application and critique of the Western Hemisphere Health Index. [Ph.D. Dissertation]. [Fayetteville (AR)]: University of Arkansas.
- Gambier, D., Valladas, H., Tisnérat-Laborde, N., Arnold, M., Bresson, F. (2000) Datation de vestiges humains présumés du Paléolithique supérieur par la méthode du Carbone 14 en spectrométrie de masse par accélérateur/Accelerator mass spectrometry radiocarbon dates of human remains from Upper Palaeolithic. *Paléo* 12, 2010-212.
- Garralda, MD., Maíllo-Fernández, JM., Maureille, B., Neira, A., Bernaldo de Quirós, F. (2022) > 42 ka human teeth from El Castillo Cave (Cantabria, Spain) Mid-Upper Paleolithic transition. *Archaeol. Anthropol. Sci.* 14, 126. doi.org/10.1007/s12520-022-01587-2
- González Rabanal, B. (2022) Dinámicas de población, dieta y prácticas funerarias de los últimos cazadores-recolectores y primeras sociedades campesinas de la Región Cantábrica. [Ph.D. Dissertation]. [Santander (Spain)]: Universidad de Cantabria.
- Hillson, S.W. (2006) Dental morphology, proportions, and attrition. In: Trinkaus, E., Svoboda, J. (Eds.), *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. Oxford University Press, New York, pp. 179-223.
- Kemp, B.J. (2005) *Ancient Egypt: Anatomy of a Civilization*, 2nd Edition. Routledge, London.
- Krueger, K.L. (2006) Incisal dental microwear of the prehistoric Point Hope communities: a dietary and cultural synthesis. [MA Thesis]. [Kalamazoo (MI)]: Western Michigan University.
- Piveteau, J. (1970) Les grottes de la Chaise (Charente) - Paléontologie humaine. 1- L'homme de l'abri Suard, *Annales de Paléontologie des vertébrés*, t. 56 (2), 175-225.
- Radovčić, J. (1988) *The Krapina hominids: an illustrated catalog of skeletal collection*. Mladost, Zagreb.
- Rosas, A., Estalrich, A., García-Vargas, S., García-Tabernero, A., Huguet, R., Lalueza-Fox, C., de la Rasilla, M. (2013) Identification of Neandertal individuals in fragmentary fossil assemblages by means of tooth associations: The case of El Sidrón (Asturias, Spain). *Comptes Rendus Palevol*, 12: 279–291.
- Rosas, A., Ríos L., Estalrich, A., Liversidge, H., García-Tabernero, A., Huguet, R., Cardoso, H., Bastir, M., Lalueza-Fox, C., de la Rasilla, M., Dean, C. (2017) The growth pattern of Neandertals, reconstructed from a juvenile skeleton from El Sidrón (Spain). *Science*, 357(6357): 1282-1287.
- Rose, J.C. (2006) Paleopathology of the commoners at Tell Amarna, Egypt, Akhenaten's capital city. *Memórias do Instituto Oswaldo Cruz* 101, 73-76.
- Sládek, V., Trinkaus, E., Hillson, S. W., Holliday, T. W. (2000) *The People of the Pavlovian: Skeletal Catalogue and Osteometrics of the Gravettian Fossil Hominids from Dolní Věstonice and Pavlov*. Dolní Věstonice Studies. Brno: Akademie věd České republiky 5.
- Soressi, M., Jones, H.L., Rink, W.J., Maureille, B., Tillier, A.M. (2007) The Pech-del'Azé I Neandertal child: ESR, uranium-series, and AMS 14C dating of its MTA type B context. *J. Hum. Evol.* 52, 455-466.
- Svoboda, J. (2006) The archeological contexts of the human remains. In: Trinkaus, E., Svoboda, J. (Eds.), *Early Modern Human Evolution in Central Europe: The People of Dolní Věstonice and Pavlov*. Oxford University Press, New York, pp. 9-14.

Teihol, V. (2001) Contribution à l'étude individuelle des ossements d'enfants de La Chaise-de-Vouthon (Charente, France): approche paléodémographique, paléoethnologique, aspect morphologique et étude métrique. Place phylogénique des enfants de La Chaise. [Ph.D. Dissertation]. [Perpignan (France)]: Université de Perpignan.

Tillier, A.-M. (1980) The most ancient mandible of a child found in France in the deposit bed of La Chaise de Vouthon (Abri Suard) in Charente. Zeitschrift für Morphologie und Anthropologie 71(2), 196-214

Tillier, A.-M. (1983) Le crane d'enfant d'Engis 2: un exemple de distribution des caractères juvéniles, primitifs et Néandertaliens. Bull. Soc. Roy. belge Anthropol. Prehist. 94, 5-75.

Tompkins, R.L. (1996) Relative dental development of Upper Pleistocene hominids compared to human population variation. Am. J. Phys. Anthropol. 99, 103-118.