

This is the final peer-reviewed accepted manuscript of:

**Bailey, S. E., Sorrentino, R., Mancuso, G., Hublin, J. J., & Benazzi, S. (2020). Taxonomic differences in deciduous lower first molar crown outlines of Homo sapiens and Homo neanderthalensis. Journal of Human Evolution, 147, 102864.**

The final published version is available online at: <https://doi.org/10.1016/j.jhevol.2020.102864>

Rights / License:

The terms and conditions for the reuse of this version of the manuscript are specified in the publishing policy. For all terms of use and more information see the publisher's website.

*This item was downloaded from IRIS Università di Bologna (<https://cris.unibo.it/>)*

***When citing, please refer to the published version.***

Supplementary Online Material Table S1: List of specimens and their physical locations. Except where indicated ( $\mu$ CT scan) all specimens are original fossil/skeletal material.

Specimen	Institution
Early <i>H. sapiens</i>	
Die Kelders	Iziko Museum of Cape Town, South Africa
Qafzeh	Tel Aviv University, Israel
Upper Paleolithic <i>H. sapiens</i>	
Balla Barlang	Hungarian Natural History Museum, Budapest
Estelas	Institut de Paléontologie Humaine, Paris
La Grotte du Figuier	Musée de l'Homme, Paris
Isturitz	Institut de Paléontologie Humaine, Paris
Lagar Velho	Museu Nacional de Arqueologia, Lisbon
Abri de la Madeleine	Musée National de Préhistoire Les Eyzies
Roche de Solutré	Institut de Paléontologie Humaine, Paris
<i>H. neanderthalensis</i>	
Archi	Istituto Italiano di Paleontologia Umana, Rome
Arcy-sur-Cure	Institut de Paléontologie Humaine, Paris
Barakai Cave	Moscow State University
Bruniquel	Musée de Préhistoire, Montauban
Combe Grenal	$\mu$ CT scan, Department of Human Evolution, Max Planck Institute, Leipzig, Germany
Engis	$\mu$ CT scan, Department of Human Evolution, Max Planck Institute, Leipzig, Germany
Kebara 1	$\mu$ CT scan, Department of Human Evolution, Max Planck Institute, Leipzig, Germany Israel
La Ferrassie	$\mu$ CT scan, Department of Human Evolution, Max Planck Institute, Leipzig, Germany
La Chaise	$\mu$ CT scan, Department of Human Evolution, Max Planck Institute, Leipzig, Germany
Riparo del Molare	Università degli Studi di Siena, Italy
Peche de l'Azé	Musée de l'Homme, Paris
Roc de Marsal	$\mu$ CT scan, Department of Human Evolution, Max Planck Institute, Leipzig, Germany
Mezmaiskaya	$\mu$ CT scan, Department of Human Evolution, Max Planck Institute, Leipzig, Germany
Recent <i>H. sapiens</i>	
Northern Africa (Egypt)	Musée de l'Homme, Paris
Western Africa (Gabon)	Musée de l'Homme, Paris
Eastern Africa (Sudan)	Musée de l'Homme, Paris
Southern Africa	Raymond Dart Collection, University of Witwatersrand, South Africa; University of Cape Town, South Africa
South Asia (India)	American Museum of Natural History, New York
Australia	American Museum of Natural History, New York; Natural History Museum, London
Europe (Britain, Italy)	Natural History Museum London; Università degli Studi di Siena, Italy
South America (Peru)	Musée de l'Homme, Paris

