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<http://anthropologicaldata.free.fr/>

I.) Introduction

Much of the human fossil record is made up of dental remains and these, descriptions are, for the Paleolithic, scattered in different sources -- some old and hard to get even in these "e-days" of accessibility. And a few specimens are still unpublished. Mesolithic and more recent teeth are often just listed by descriptive statistics (mean, standard deviation) which have limited use in other statistical studies. In other words, each scholar often must create their own database, drawn from an incomplete nonstandardized, and partly inaccessible record. Interobserver error is also a problem.

This poster introduces a new web site (<http://anthropologicaldata.free.fr>, without www) which allows anyone to download free metric tooth data. The aim of this web site is to provide comprehensive, standard dental metrics for most, if not all, of the permanent teeth of the earliest hominins to modern humans documented with major bibliographic references about their description, archaeological associations, chronological dates, etc.

II.) The web site (<http://anthropologicaldata.free.fr>)

This web site, only in English, has four pages: a *home page*, a *data page*, an *About us* page and a *link page*.

The home page

The aim of this page is only to welcome the internet user. However, it already displays some information (Figure 1).

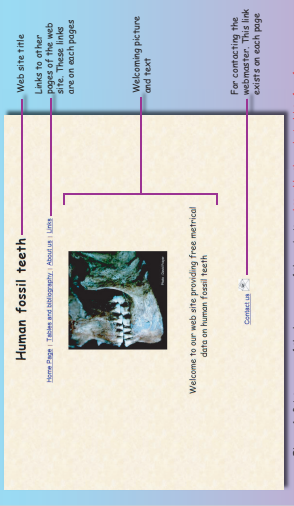


Figure 1 : Print screen of the home page of the web site : <http://anthropologicaldata.free.fr>

The "About us" page

This page (Figure 3) links to the three people who conceived and designed this project and who for the most part measured the teeth.

III.) Data bases

There are two types of data bases available on "Tables and bibliography" page :
 § The first type corresponds to the teeth themselves which are, at the present time, in four Excel ® files (Microsoft Office 2003). The first file lists Middle Paleolithic teeth, the second one to Upper Paleolithic, the third one to Mesolithic (Figure 4) and the last one to extant Apes. In a near future more recent teeth (European Neolithic, North African late Paleolithic and Hungarian Medieval samples) will be available in separate files. Each line of a table corresponds only to ONE tooth and each column to numerous information (see the part about "Tables and bibliography" page).
 § The second type corresponds to a PDF file (Acrobat Reader 7 ®) including the bibliography (Figure 5) cited in the tables.

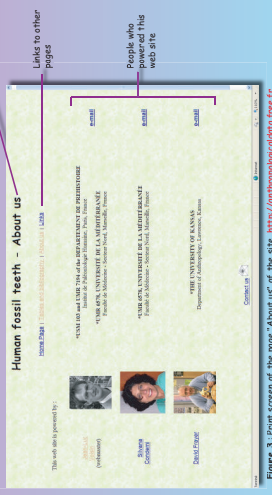


Figure 3 : Print screen of the page "About us" of the site <http://anthropologicaldata.free.fr>

Figure 4 : An example of the first line of the sheet "Porugal" from the table "Mesolithic" (<http://anthropologicaldata.free.fr>)

Country	Site	Latitude (degrees)	Longitude (degrees)	Species	Sex	Age	Date	Period	Source	Teeth	Upper	Lower	First description	Publication	
Portugal	Argenteiras	39.1	1.32	XXIII	M	adult	7100	Mesolithic	Ortiz et al.	II	Left	Superior	9.6	7.28	Ortiz et al., 1976
Portugal	Argenteiras	39.1	1.32	XXIII	M	adult	7100	Mesolithic	Ortiz et al.	II	Left	Superior	7.55	6.22	Ortiz et al., 1976
Portugal	Argenteiras	39.1	1.32	XXIII	M	adult	7100	Mesolithic	Ortiz et al.	C	Left	Superior	7.64	6.47	Ortiz et al., 1976

Figure 5 : One page of the bibliography in PDF (<http://anthropologicaldata.free.fr>)

Bibliography

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IV.) Miscellaneous information
 This web site is written in HTML under Notepad++ 5.8.6 ® (<http://notepad-plus-plus.org>) which is freeware. In other words, no web development application such as FrontPage ®, Dreamweaver ® or Nvi ® has been used to optimize the size of the web site as well as the speed of downloading pages.
 However, HTML writing allows only to create static pages and hence internet users have to download a file containing all teeth and not just the one they are interested in. In a near future, we will upgrade the web site to make it more interactive and dynamic. PHP programming with MySQL data bases will help in accomplishing this goal.
 Free ®, a French internet access provider, as been chosen because it also allows to host, free of charge, a web site with a high space for storage without advertisement.
 As this web site is optimized for Internet Explorer ® (the most popular web browser), some details could be modified when visualized by other browsers (i.e. Firefox ®, Google chrome ®, Opera ®, Safari ®, etc.).

V.) Conclusion

This site has been online since the end of 2010 and there are more than 4,000 teeth available. This number will grow, especially if each new dental publication, in PDF, is sent at the following address: anthropologicaldata@free.fr. Moreover, this site will become richer since we also plan to include photographs, information about pathology, etc.
 To improve the web site and the associated data bases we will be grateful for any suggestions at the above address. This web site is already referenced and linked in numerous web sites such as *Paleoanthropology Society* or *Associazione Antropologica Italiana* and soon will appear on other web sites, in particular the INNE (CNRS) one.
 If you use some data from this web site, please cite it in your bibliography in this way :

Voisin J.-L., Silvana C., Froyer, D. (2010 - year of the publication) : <http://anthropologicaldata.free.fr>.



Figure 2 : Triple print screen of the page "Tables and bibliography" of the site <http://anthropologicaldata.free.fr>

The "Tables and bibliography" page

This page is the core of the web site (Figure 2) because there are links allowing the internet user to download teeth data bases. The latter (see below) are represented by icons corresponding to their format (Excel ® and pdf).