

COPPER AGE CYLINDERS FROM PORTUGAL: A DATA BASE

1. INTRODUCTION

Numerous objects with a cylindrical shape existing in the Southern half of Portugal, and in a little part of the South of Spain, come from graves and hill-forts. These graves have a very different architectural form but their contexts are analogous.

The cylinders are described or mentioned only in a large bibliography and the only inventory that we know about was made by ALMAGRO GORBEA (1969, 221-264). The study was made in a traditional linear writing with all the lacks that this type of writing involves in these archaeological works.

The cylinders have several dimensions, a specific anthropomorphic iconography, a significant quantity being without any decoration and they are in light colours. In this perspective, the unique solution is to organize a Data Base in which all characteristics of these artifacts will be described. In fact, the computer is a tool which demands stiff rules in the treatment of the information to be used in a suitable form.

This means that the possibility to make the management of big quantities of information permits a more objective and precise interpretation of the facts so, the first necessity of the archaeologists is to organize a lexicon which allows us to describe any object with uniformity and without ambiguities.

Therefore, in the first phase of our work we present a hierarchical vocabulary that describes all cylinders.

In the second phase, each file was typed into the computer and the management of the set was made. The "corpus" has 303 files and the management was made with the programme Access. In the third phase we did the interpretation using the arguments about the context of the objects.

Our results are confronted with M. GIMBUTAS' last interpretation about this subject (1989, 1991).

LEXICON

A. LOCALIZATION

1. Space

- 1.1 Province
 - Estremadura
 - Algarve
 - Ribatejo

- 1.2 District
 - Lisboa
 - Santarém
 - Setúbal
 - Faro
 - Leiria

1.3 Council

- Sintra
- Cascais
- Torres Vedras
- Azambuja
- Palmela
- Portimão
- Torres Novas
- Santiago do Cacém
- Loures
- Arruda dos Vinhos
- Cadaval
- Alenquer
- Sesimbra
- São Lourenço (Azeitão)

1.4 Site

- S. Martinho de Sintra
- Zambujal
- Leceia
- Rotura
- Cova da Moura
- Casa da Moura
- Samarra
- Praia das Maças
- Estria
- Herdade da Cariola
- Vila Nova de São Pedro
- Serra das Mutelas
- Moncarapacho

1.5 Resting-place

- natural cave
- artificial cave
- tholos
- dolmen
- hill-fort

B. ANATOMICAL ELEMENTS

1. Head

- salient
- absent smooth
- absent decorated
- undefined

2. Hair

- 2.1 Shape
- zigzag
- 2.2 Length
- 1/2
 - 3/4



3. Face (see picture with double entrance)

3.1 Shape

- angular
- single curve
- double curve
- semi-circle







3.2 Position (parallel lines)

- horizontal
- vertical
- oblique

position \ shape	- horizontal	- vertical	- oblique
- angular			
- single curve			
- double curve			
- semi-circle			

4. Eyes

4.1 Shape

- point	- concentric circle	-sun	- star	- crescent	- others
					

5. Other elements

- body flat
- complex decoration
- 1
- 2
- 3
- 4



C. GENERALITIES

1. Material

- calcareous
- clay
- marble
- bone
- others

2. Dimensions

- 2.1 Height
 - (centimeter)
- 2.2 Diameter
 - (centimeter)

2. COMMENTARY

The lexicon was organized into three chapters, LOCALIZATION, ANATOMICAL ELEMENTS and GENERALITIES. Each of them was divided into several sections and subsections. These describe the elements of cylinders.

LOCALIZATION: the space is indispensable to know the provenance of cylinders. The describers are the geographical divisions of Portugal.

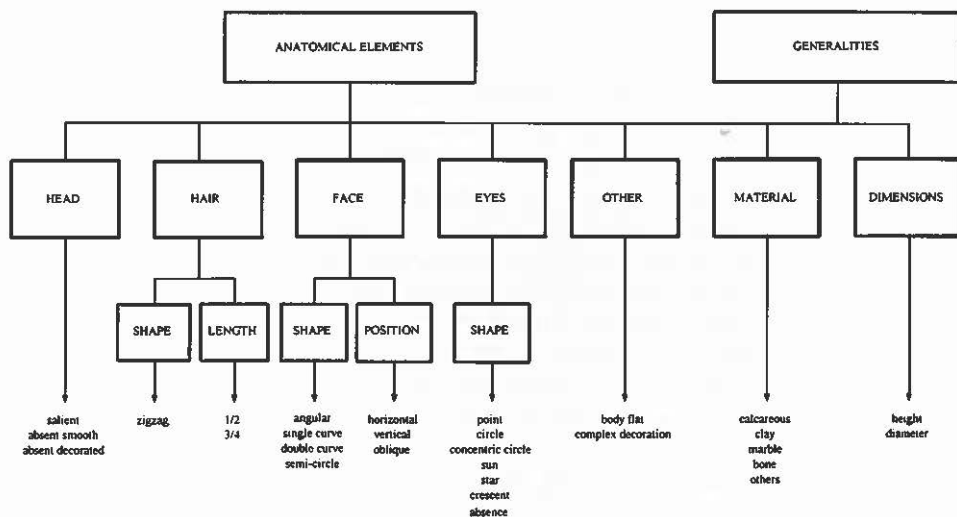
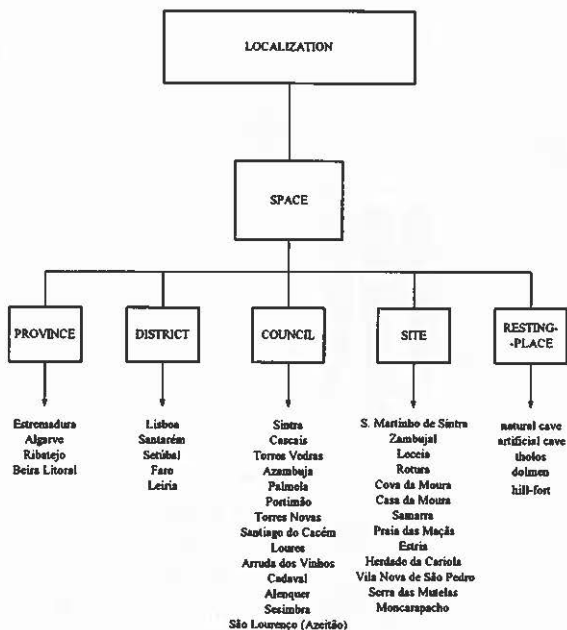
ANATOMICAL ELEMENTS: these are organized according to divisions of the human body: head, hair and face. This procedure was adopted because some of them have an anthropomorphic shape.

Some describers are accompanied by a drawing to clarify the name such as: the absence of a smooth cylinder, etc.

The describers of the iconography of the face were the most difficult choice because the signs are very diversified. This section has two important descriptions: shape and position. These elements are presented on a picture with a double entrance where we show the signs of the eyes and the face.

In the section called "other elements" we register the cylinders with a special iconography because they are unique.

GENERALITIES: this chapter describes the sections about the material and the dimensions. The vocabulary is written in a hierarchical form which we show graphically on the following sheet.



3. GIMBUTAS' INTERPRETATION

The last interpretation that we know about the cylinders says that these objects are linked with the concept of the "Eye Goddess", during the Neolithic (GIMBUTAS 1989, 54).

The argumentations to justify this thesis are the following:

- a1) The West European Eye Goddess is known almost exclusively from sepulchral artifacts – either as a large stone stela standing at the entrance to megalithic tombs, or as a figurin, bone phalange, stone cylinder, or schist plaque deposit within;
- a2) The West European Eye Goddess of France, Spain, Portugal and Great Britain came from megalithic cultures dating from the 5th to 3rd millennia B.C.;
- b) These figures are connected with the stiff nude ladies made in light colour materials and placed in the graves;
- c) The round eyes established her identity because often no auxiliary anthropomorphic features were deemed necessary;
- d) The cylinders were diffused from the Near East (according to Crowford) crossed the Mediterranean and arrived to Western Europe (GIMBUTAS 1989, 204).

The similarity resulted, probably, from a universally held symbolic concept of Divine Eyes, from which western variants developed Gimbutas' foundations to interpret that the Portuguese cylinders do not agree with our results, in many ways. We are showing those graphically.

4. OUR ANALYSIS OF RESULTS

- a1) The cylinders were found not only in the graves but also in the Portuguese hill-forts (Vila Nova de S. Pedro and Zambujal etc.). The context of stone cylinders is rarely the same as the schist plaque (Fig. 1).
- a2) The cylinders came above all from the "tholos" not the megalithic tombs (Fig. 1). Whatever the type of graves, the archeological context belongs to the Copper age, initiated by the arrival of the Kurgans. When they come from the megalithic tombs the context is always the copper age epoch. In fact, this people used the Neolithic graves to deposit their dead. So, the cylinders are dated from 2500-2100 B.C. to 1600 B.C.
- b) The main raw material used seems to have been the light colour such as: calcareous and bone although the majority of the material is unknown (Fig. 2). This colour represents the Goddess of Death in the agricultural people and the colour black was adopted by the Kurgan people to represent the death (GIMBUTAS 1991, 400).

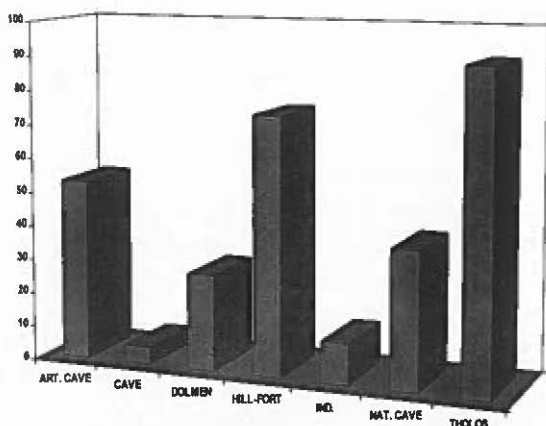


Fig. 1 – Distribution of cylindrical figures by rest place.

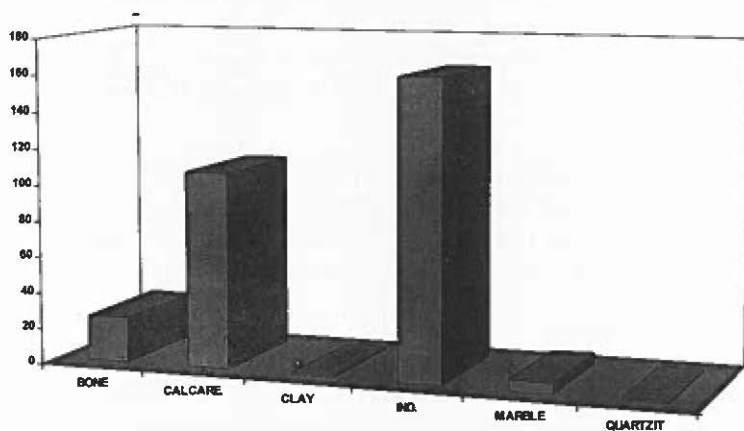


Fig. 2 – Distribution of cylindrical figures by material.

- c) The round eyes in cylinders that show their anthropomorphic features are only 4%. This particularity agrees with Gimbutas' hypothesis but we know that the Kurgans had the sun and the stars as divinities (GIMBUTAS 1991)(Fig. 3).
- d) According to Gimbutas the cylinders come from the Near East, and crossed the Mediterranean but this type of figures appears above all in Spain and Portugal.

5. CONCLUSION

The sun was drawn on many objects and stones from the Neolithic to the Iron age. This means that this star was divinized by prehistoric man.

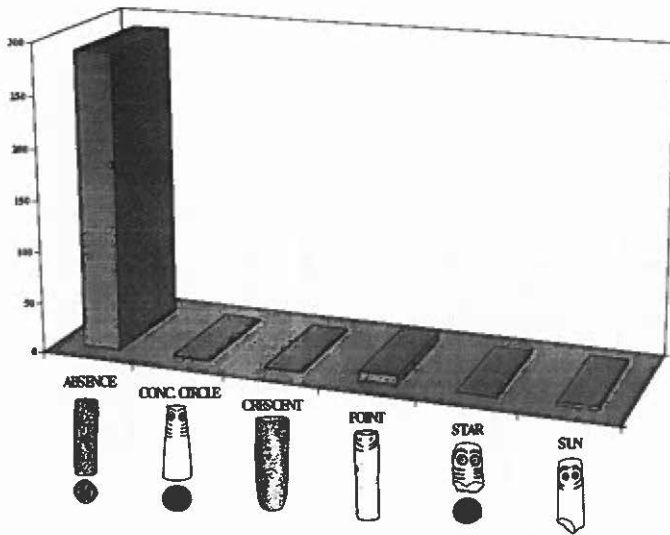


Fig. 3 – Different aspects of eyes-shape in cylindrical figures.

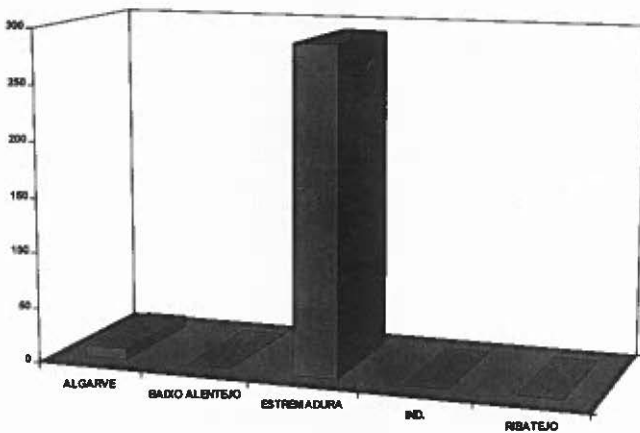


Fig. 4 – Distribution of cylindrical figures by province.

In this perspective the sun assumed a divine universal symbolic concept even if it is not represented.

The Portuguese cylinders from the Copper Age have, probably, a double function as a result of two opposite ideologies:

1. The light colours representing the death of the sedentary agriculturalists.

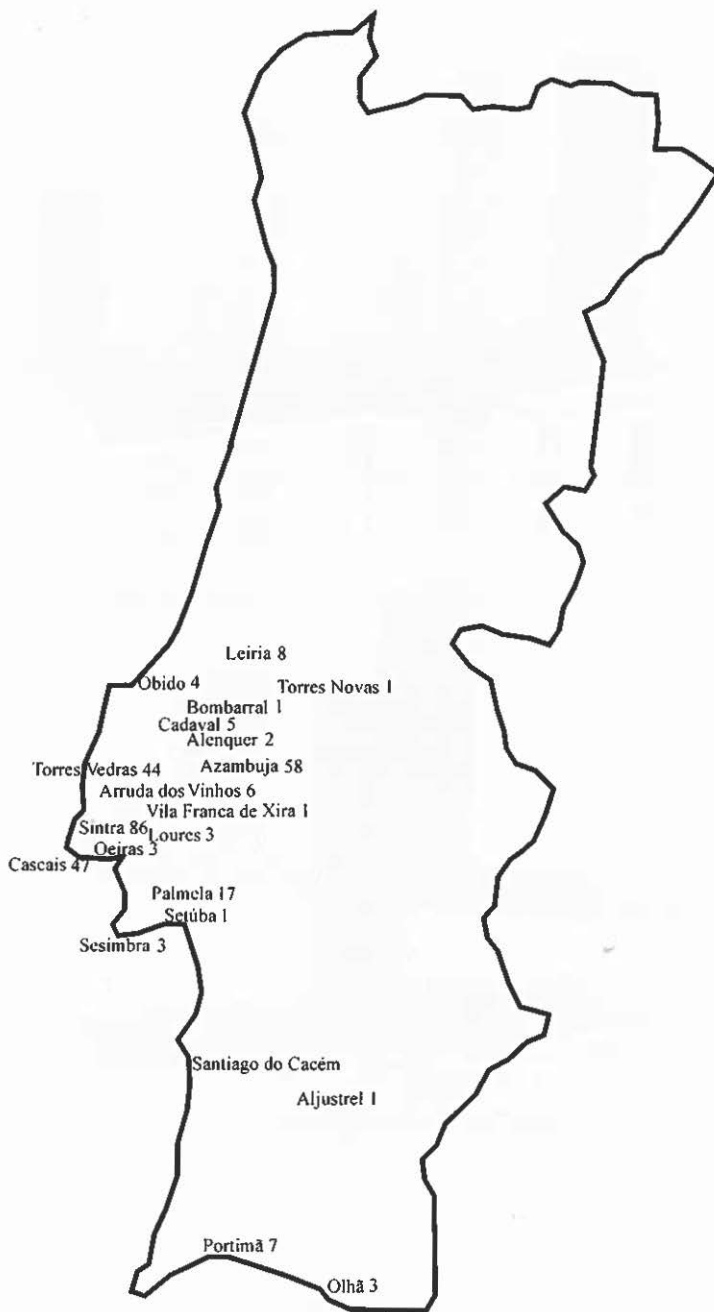


Fig. 5 – Distribution of cylindrical figures by Council.

2. The shape changed from female figurines, to cylinders which represent, probably, a male figure. In fact, the ideology of the Kurgans based on a chiefman did not allow them to accept one female figure as a divinity.

We have some nice examples of statuettes from Spain, in the form of cylinders and bone phalanges. These came from graves of the Copper Age.

This idea was certainly transported from this country to Portugal by sea along the Atlantic coast (Figs. 4 and 5)

MARIA DA CONCEIÇÃO MONTEIRO RODRIGUES
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B. The Text

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" THE CORPUS "

14-Nov-95

NUMBER	PROVINCE	DISTRICT	COUNCIL	SITE	REST_PLACE	HEAD	HAIR_SHAPE	HAIR_LENTH	FACE_SHAPE	FACE_POSITION	EYES_SHAPE	MATERIAL	HEIGHT	DIAME-TER	DIST_COD	CONC_COD	SITE_COD
1	ALGARVE	FARO	PORTIMAO	ALCALAR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	3,8	2,8	805	811	81102
2	ALGARVE	FARO	PORTIMAO	ALCALAR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	4,2	2	805	811	81102
3	ALGARVE	FARO	PORTIMAO	ALCALAR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	5,4	4,8	805	811	81102
4	ALGARVE	FARO	PORTIMAO	ALCALAR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	5,6	1	805	811	81102
5	ALGARVE	FARO	PORTIMAO	MONTE VELHO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	9,4	3,4	805	811	81102
6	ALGARVE	FARO	PORTIMAO	MONTE VELHO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	4,2	3	805	811	81102
7	ALGARVE	FARO	PORTIMAO	MONTE VELHO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	6,4	2,4	805	811	81102
8	ESTREMADURA	SETUBAL	SANTIAGO DO CACEM	SÃO FRANCISCO DA SERR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1500	1509	150910
9	ESTREMADURA	SETUBAL	PALMELA	CASAL DO PARDO	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	CRESCENT	IND.	6,2	2	1500	1508	150802
10	ESTREMADURA	SETUBAL	PALMELA	CASAL DO PARDO	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	6,6	1,8	1500	1508	150802
11	ESTREMADURA	SETUBAL	PALMELA	CASAL DO PARDO	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	5,6	1,2	1500	1508	150802
12	ESTREMADURA	SETUBAL	PALMELA	CASAL DO PARDO	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	5	1	1500	1508	150802
13	ESTREMADURA	SETUBAL	PALMELA	CASAL DO PARDO	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	5,6	1	1500	1508	150802
14	ESTREMADURA	SETUBAL	PALMELA	CASAL DO PARDO	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	4,8	1	1500	1508	150802
15	ESTREMADURA	SETUBAL	PALMELA	CASAL DO PARDO	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	4,2	1,2	1500	1508	150802
16	ESTREMADURA	SETUBAL	PALMELA	CASAL DO PARDO	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	9,2	2,8	1500	1508	150802
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22	ESTREMADURA	SETUBAL	PALMELA	CASAL DO PARDO	ART. CAVE	SALIENT			ABSENCE	ABSENCE	ABSENCE	IND.	10,8	1	1500	1508	150802
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27	ESTREMADURA	LISBOA	CASCAIS	ALAPRAIA	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	12,6	4,5	1106	1103	110504
28	ESTREMADURA	LISBOA	CASCAIS	ALAPRAIA	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	6,9	2,4	1106	1103	110504

NUMBER	PROVINCE	DISTRICT	COUNCIL	SITE	REST_PLACE	HEAD	HAIR_SHAPE	HAIR_LENTH	FACE_SHAPE	FACE_POSITION	EYES_SHAPE	MATERIAL	HEIGHT	DIAMETER	DIST_COD	CONC_COD	SITE_COD
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NUMBER	PROVINCE	DISTRICT	COUNCIL	SITE	REST_PLACE	HEAD	HAIR_SHAPE	HAIR_LENTH	FACE_SHAPE	FACE_POSITION	EYES_SHAPE	MATERIAL	HEIGHT	DIAME-TER	DIST_COD	CONC_COD	SITE_COD
61	ESTREMADURA	LISBOA	SINTRA	AGUALVA	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	2,2	1,2	1100	111	111101
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63	ESTREMADURA	LISBOA	SINTRA	SAMARRA	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	10,6	3,2	1100	111	0
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66	ESTREMADURA	LISBOA	SINTRA	CARENQUE - VILA CHA	ART. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
67	ESTREMADURA	LISBOA	SINTRA	CARENQUE - VILA CHA	ART. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
68	ESTREMADURA	LISBOA	SINTRA	CARENQUE - VILA CHA	ART. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
69	ESTREMADURA	LISBOA	SINTRA	CARENQUE - VILA CHA	ART. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
70	ESTREMADURA	LISBOA	SINTRA	CARENQUE - VILA CHA	ART. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
71	ESTREMADURA	LISBOA	SINTRA	CARENQUE - VILA CHA	ART. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
72	ESTREMADURA	LISBOA	SINTRA	CARENQUE - VILA CHA	ART. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
73	ESTREMADURA	LISBOA	SINTRA	CARENQUE - VILA CHA	ART. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
74	ESTREMADURA	LISBOA	SINTRA	BELAS	DOLMEN	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
75	ESTREMADURA	LISBOA	SINTRA	BELAS	DOLMEN	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
76	ESTREMADURA	LISBOA	SINTRA	BELAS	DOLMEN	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	111	111104
77	ESTREMADURA	LISBOA	LOURES	TRIGACHE	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	3,75	2,4	1100	110	110710
78	ESTREMADURA	LISBOA	SINTRA	CONCHADAS	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	11	3,8	1100	111	0
79	ESTREMADURA	LISBOA	SINTRA	CONCHADAS	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	2,6	1,9	1100	111	0
80	ESTREMADURA	LISBOA	SINTRA	CONCHADAS	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	7	2,8	1100	111	0
81	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	7	1,4	1100	111	111111
82	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	5,4	1	1100	111	111111
83	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	10,6	3,4	1100	111	111111
84	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	9,6	3	1100	111	111111
85	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	8	2,6	1100	111	111111
86	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	12	3,8	1100	111	111111
87	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	7	3	1100	111	111111
88	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	7	1,4	1100	111	111111
89	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	11,4	3,6	1100	111	111111
90	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	12	3,8	1100	111	111111
91	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	8,4	30	1100	111	111111
92	ESTREMADURA	LISBOA	SINTRA	SÃO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	3	1,8	1100	111	111111

NUMBER	PROVINCE	DISTRICT	COUNCIL	SITE	REST_PLACE	HEAD	HAIR_SHAPE	HAIR_LENTH	FACE_SHAPE	FACE_POSITION	EYES_SHAPE	MATERIAL	HEIGHT	DIAME-TER	DIST_COD	CONC_COD	SITE_COD
93	ESTREMADURA	LISBOA	SINTRA	SAO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	2,4	2,2	1100	1111	111111
94	ESTREMADURA	LISBOA	SINTRA	SAO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	7,4	2,4	1100	1111	111111
95	ESTREMADURA	LISBOA	SINTRA	SAO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	2,4	1,6	1100	1111	111111
96	ESTREMADURA	LISBOA	SINTRA	SAO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	3,2	1,6	1100	1111	111111
97	ESTREMADURA	LISBOA	SINTRA	SAO MARTINHO DE SINTR	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	15,6	3,6	1100	1111	111111
98	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	7,4	3,4	1100	1111	111105
99	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	8,6	2,6	1100	1111	111105
100	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	8,4	3,4	1100	1111	111105
101	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	8,8	2,8	1100	1111	111105
102	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	8,1	2,8	1100	1111	111105
103	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	7,4	3,4	1100	1111	111105
104	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	5,4	1,4	1100	1111	111105
105	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	5,4	2,3	1100	1111	111105
106	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	7,1	1,6	1100	1111	111105
107	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	6,8	1,5	1100	1111	111105
108	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	CALCARE.	6,6	1,4	1100	1111	111105
109	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	CALCARE.	2,1	1,6	1100	1111	111105
110	ESTREMADURA	LISBOA	SINTRA	FOLHA DAS BARRADAS	ART. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	MARBLE	30	9,3	1100	1111	0
111	ESTREMADURA	LISBOA	SINTRA	FOLHA DAS BARRADAS	ART. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	MARBLE	17,2	6,9	1100	1111	0
112	ESTREMADURA	LISBOA	LOURES	ALTO DA TOUPEIRA	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	20,8	6,2	1100	1101	0
113	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTEIAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	11,2	2,6	1100	1111	0
114	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTEIAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	9	2,2	1100	1111	0
115	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTEIAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	10	3,2	1100	1111	0
116	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTEIAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	4,4	1,8	1100	1111	0
117	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTEIAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	3,2	1,6	1100	1111	0
118	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTEIAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	12,4	3,8	1100	1111	0
119	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTEIAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	6,4	3,8	1100	1111	0
120	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTEIAS	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	6,4	1,8	1100	1111	0
121	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTEIAS	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	6,2	1,2	1100	1111	0
122	ESTREMADURA	LISBOA	ARRUDA DOS VINHOS	CABECO DA ARRUDA	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	7,8	3,8	1100	1101	0
123	ESTREMADURA	LISBOA	ARRUDA DOS VINHOS	CABECO DA ARRUDA	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	11	3,8	1100	1101	0
124	ESTREMADURA	LISBOA	ARRUDA DOS VINHOS	CABECO DA ARRUDA	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	8,4	3,2	1100	1101	0

NUMBER	PROVINCE	DISTRICT	COUNCIL	SITE	REST_PLACE	HEAD	HAIR_SHAPE	HAIR_LENTH	FACE_SHAPE	FACE_POSITION	EYES_SHAPE	MATERIAL	HEIGHT	DIAMETER	DIST_COD	CONC_COD	SITE_COD
125	ESTREMADURA	LISBOA	ARRUDA DOS VINHOS	CABECO DA ARRUDA	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	3,2	1100	1101	0
126	ESTREMADURA	LISBOA	ARRUDA DOS VINHOS	ARRUDA	DOLMEN	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	0	0
127	ESTREMADURA	LISBOA	ARRUDA DOS VINHOS	ARRUDA	DOLMEN	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	0	0
128	ESTREMADURA	LISBOA	TORRES VEDRAS	BARRO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	4	1,2	1100	1111	111315
129	ESTREMADURA	LISBOA	TORRES VEDRAS	BARRO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	3,8	1,2	1100	1111	111315
130	ESTREMADURA	LISBOA	TORRES VEDRAS	BARRO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	5,2	2,2	1100	1111	111315
131	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DA VILA	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	11,6	3,6	1100	1111	111313
132	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DA VILA	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	4	1,4	1100	1111	111313
133	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DA VILA	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	9,8	2,4	1100	1111	111313
134	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DA VILA	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	7	1,5	1100	1111	111313
135	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DA VILA	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	7,6	2,4	1100	1111	111313
136	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DA VILA	DOLMEN	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	1111	111313
137	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DA VILA	DOLMEN	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	4	0,8	1100	1111	111313
138	ESTREMADURA	LISBOA	VILA FRANCA DE XIRA	CASAL DO PENEDO	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	6	2,6	1100	1114	0
139	ESTREMADURA	LISBOA	TORRES VEDRAS	COVA DA MOURA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	0	0
140	ESTREMADURA	LISBOA	TORRES VEDRAS	COVA DA MOURA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	0	0
141	ESTREMADURA	LISBOA	TORRES VEDRAS	COVA DA MOURA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	0	0
142	ESTREMADURA	LEIRIA	LEIRIA	CASA DA MOURA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1000	1005	0
143	ESTREMADURA	LEIRIA	LEIRIA	CASA DA MOURA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1000	1005	0
144	ESTREMADURA	LEIRIA	LEIRIA	CASA DA MOURA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1000	1005	0
145	ESTREMADURA	LEIRIA	LEIRIA	CASA DA MOURA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1000	1005	0
146	ESTREMADURA	LEIRIA	LEIRIA	CASA DA MOURA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1000	1005	0
147	ESTREMADURA	LEIRIA	LEIRIA	CASA DA MOURA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1000	1005	0
148	ESTREMADURA	LEIRIA	LEIRIA	CASA DA MOURA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1000	1005	0
149	ESTREMADURA	LEIRIA	BOMBARRAL	COLUMBEIRA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1000	1005	100503
150	IND.	IND.	IND.	CARVALHAL	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	0	0	0
151	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1105	0
152	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1105	0
153	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1105	0
154	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1105	0
155	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1105	0
156	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1105	0

NUMBER	PROVINCE	DISTRICT	COUNCIL	SITE	REST_PLACE	HEAD	HAIR_SHAPE	HAIR_LENTH	FACE_SHAPE	FACE_POSITION	EYES_SHAPE	MATERIAL	HEIGHT	DIAMETER	DIST_COD	CONC_COD	SITE_COD
157	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
158	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
159	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
160	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
161	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
162	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
163	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
164	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
165	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
166	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
167	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	0
168	ESTREMADURA	LISBOA	TORRES VEDRAS	CARRASCA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	1111	0
169	ESTREMADURA	LISBOA	TORRES VEDRAS	CARRASCA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	1111	0
170	ESTREMADURA	LISBOA	TORRES VEDRAS	CARRASCA	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	BONE	0	0	1100	1111	0
171	ESTREMADURA	SETUBAL	SESDMBRA	LAPA DO BUGIO	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1500	1511	0
172	ESTREMADURA	SETUBAL	SESDMBRA	LAPA DO BUGIO	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1500	1511	0
173	ESTREMADURA	SETUBAL	SESDMBRA	LAPA DO BUGIO	NAT. CAVE	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	0	0	1500	1511	0
174	ESTREMADURA	LISBOA	ALENQUER	GRUTA DOS REFUGIDOS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	1101	110105
175	ESTREMADURA	LISBOA	ALENQUER	CAVERNA DOS CADAFAS	NAT. CAVE	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	1101	110105
176	ESTREMADURA	LEIRIA	OBIDOS	OUTEIRO DE S. MAMEDE	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1000	1001	101204
177	ESTREMADURA	LEIRIA	OBIDOS	OUTEIRO DE S. MAMEDE	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1000	1001	101204
178	ESTREMADURA	LISBOA	OEIRAS	LECELA	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	1110	111002
179	ESTREMADURA	LISBOA	OEIRAS	LECELA	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1100	1110	111002
180	ESTREMADURA	SETUBAL	PALMELA	ROTURA	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	0	0	1500	1501	0
181	ESTREMADURA	LISBOA	CADAVAL	PRAGANCA	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1104	110405
182	ESTREMADURA	LISBOA	CADAVAL	PRAGANCA	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1104	110405
183	ESTREMADURA	LISBOA	CADAVAL	PRAGANCA	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1104	110405
184	ESTREMADURA	LISBOA	CADAVAL	PRAGANCA	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1104	110405
185	ESTREMADURA	LISBOA	CADAVAL	PRAGANCA	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1104	110405
186	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	0	0	1100	1101	110308
187	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	4,1	1,2	1100	1101	110308
188	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	0	0,8	1100	1101	110308

NUMBER	PROVINCE	DISTRICT	COUNCIL	SITE	REST_PLACE	HEAD	HAIR_SHAPE	HAIR_LENGT	FACE_SHAPE	FACE_POSITION	EYES_SHAPE	MATERIAL	HEIGHT	DIAME-TER	DIST_COD	CONC_COD	SITE_COD	
221	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
222	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
223	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
224	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
225	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
226	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
227	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
228	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
229	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
230	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
231	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
232	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
233	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
234	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
235	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1101	110308	
236	ESTREMADURA	LISBOA	SINTRA	OLELAS	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	IND.	0	0	1100	1111	0
237	ESTREMADURA	LISBOA	TORRES VEDRAS	ZAMBUJAL	HILL-FORT	IND.			ABSENCE	ABSENCE	ABSENCE	CALCARE.	IND.	0	0	1100	1111	0
238	ESTREMADURA	LISBOA	TORRES VEDRAS	BARRO	THOLOS	ABSENCE			DOUBLE CU	OBLIQUE	POINT	CALCARE.	10,2	3	1100	1111	0	
239	ESTREMADURA	LISBOA	TORRES VEDRAS	BARRO	THOLOS	ABSENCE			DOUBLE CU	HORIZONTAL	POINT	CALCARE.	5	1,8	1100	1111	0	
240	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTELAS	THOLOS	ABSENCE			DOUBLE CU	VERTICAL	POINT	CALCARE.	17	6	1100	1111	0	
241	ESTREMADURA	LISBOA	TORRES VEDRAS	SERRA DAS MUTELAS	THOLOS	ABSENCE			DOUBLE CU	HORIZONTAL	ABSENCE	CALCARE.	5,6	3,6	1100	1111	0	
242	ESTREMADURA	LISBOA	SINTRA	S. MARTINHO DE SINTRA	THOLOS	ABSENCE			DOUBLE CU	VERTICAL	ABSENCE	CALCARE.	14	4	1100	1111	111111	
243	ESTREMADURA	LISBOA	SINTRA	S. MARTINHO DE SINTRA	THOLOS	ABSENCE			DOUBLE CU	OBLIQUE	POINT	CALCARE.	5	2,4	1100	1111	111111	
244	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	ABSENCE			DOUBLE CU	OBLIQUE	ABSENCE	CALCARE.	9,4	2,8	1100	1111	111105	
245	ESTREMADURA	LISBOA	SINTRA	SAMARRA	IND.	ABSENCE			DOUBLE CU	VERTICAL	ABSENCE	CALCARE.	9,6	3	1100	1111	0	
246	ESTREMADURA	LISBOA	SINTRA	AGUALVA	THOLOS	ABSENCE			DOUBLE CU	HORIZONTAL	POINT	IND.	5	3	1100	1111	111101	
247	ESTREMADURA	LISBOA	SINTRA	ESTRIA	DOLMEN	ABSENCE			DOUBLE CU	HORIZONTAL	ABSENCE	MARBLE	12	4	1100	1111	0	
248	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	ABSENCE			DOUBLE CU	HORIZONTAL	ABSENCE	IND.	0	0	1100	1105	0	
249	ESTREMADURA	LISBOA	CASCAIS	CASCAIS	NAT. CAVE	ABSENCE			DOUBLE CU	HORIZONTAL	ABSENCE	IND.	0	0	1100	1105	0	
250	ESTREMADURA	LEIRIA	LEIRIA	CASA DA MOURA	NAT. CAVE	ABSENCE			DOUBLE CU	HORIZONTAL	ABSENCE	MARBLE	6	2	1000	1005	0	
251	ESTREMADURA	LISBOA	CASCAIS	ALAPRAIA	ART. CAVE	ABSENCE			DOUBLE CU	HORIZONTAL	ABSENCE	IND.	6	3	1100	1105	110504	
252	ESTREMADURA	LISBOA	CASCAIS	ALAPRAIA	ART. CAVE	ABSENCE			DOUBLE CU	OBLIQUE	ABSENCE	IND.	9,4	3,2	1100	1105	110504	

NUMBER	PROVINCE	DISTRICT	COUNCIL	SITE	REST_PLACE	HEAD	HAIR_SHAPE	HAIR_LENTH	FACE_SHAPE	FACE_POSITION	EYES_SHAPE	MATERIAL	HEIGHT	DIAMETER	DIST_COD	CONC_COD	SITE_COD
253	ESTREMADURA	SETUBAL	PALMELA	CASAL DO PARDO	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	8,4	2,2	1500	1506	0
254	ESTREMADURA	LEIRIA	OBIDOS	SÃO MAMEDE DE OBIDOS	HILL-FORT	ABSENCE			DOUBLE CU	OBLIQUE	POINT	IND.	0	0	1000	1012	0
255	ESTREMADURA	LEIRIA	OBIDOS	SÃO MAMEDE DE OBIDOS	HILL-FORT	ABSENCE			DOUBLE CU	OBLIQUE	POINT	IND.	0	0	1000	1012	0
256	ESTREMADURA	SETUBAL	SÃO LOURENÇO	ROTURA	HILL-FORT	ABSENCE			DOUBLE CU	HORIZONTAL	ABSENCE	IND.	0	0	1500	1512	151204
257	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	ABSENCE			DOUBLE CU	OBLIQUE	ABSENCE	IND.	7,4	3,4	1100	1103	110308
258	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	ABSENCE			DOUBLE CU	OBLIQUE	ABSENCE	IND.	11,6	3	1100	1103	110308
259	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	ABSENCE			DOUBLE CU	OBLIQUE	ABSENCE	IND.	4	5,6	1100	1103	110308
260	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	ABSENCE			DOUBLE CU	OBLIQUE	POINT	CLAY	6,4	4	1100	1103	110308
261	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	ABSENCE			DOUBLE CU	OBLIQUE	ABSENCE	IND.	19,2	7	1100	1103	110308
262	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE S. PEDRO	HILL-FORT	ABSENCE			DOUBLE CU	OBLIQUE	ABSENCE	IND.	3	2	1100	1103	110308
263	ESTREMADURA	LISBOA	CASCAIS	S. PEDRO DO ESTORIL	CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	7	0,7	1100	1105	110504
264	ESTREMADURA	LISBOA	CASCAIS	S. PEDRO DO ESTORIL	CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	3,8	0,6	1100	1105	110504
265	ESTREMADURA	LISBOA	CASCAIS	S. PEDRO DO ESTORIL	CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	4,2	0,6	1100	1105	110504
266	ESTREMADURA	LISBOA	CASCAIS	S. PEDRO DO ESTORIL	CAVE	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	5,2	1,2	1100	1105	110504
267	ESTREMADURA	LISBOA	CASCAIS	S. PEDRO DO ESTORIL	CAVE	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	5,6	0,8	1100	1105	110504
268	ESTREMADURA	LISBOA	SINTRA	SAMARRA	IND.	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	5,6	1,2	1100	1111	0
269	ESTREMADURA	LISBOA	SINTRA	SAMARRA	IND.	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	5,6	1,2	1100	1111	0
270	ESTREMADURA	LISBOA	SINTRA	SAMARRA	IND.	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	6	0,8	1100	1111	0
271	ESTREMADURA	LISBOA	SINTRA	SAMARRA	IND.	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	6,8	1	1100	1111	0
272	ESTREMADURA	LISBOA	SINTRA	SAMARRA	IND.	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	6	1,6	1100	1111	0
273	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	4,2	1,2	1100	1111	111105
274	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	6	1,2	1100	1111	111105
275	ESTREMADURA	LISBOA	SINTRA	PRAIA DAS MACAS	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	6	1,2	1100	1111	111105
276	ESTREMADURA	LISBOA	SINTRA	SERRA DAS MÚTELAS	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	6,2	1,2	1100	1111	0
277	ESTREMADURA	LISBOA	TORRES VEDRAS	CABECO DA ARRUDA	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	4,2	1,6	1100	1113	0
278	ESTREMADURA	LISBOA	TORRES VEDRAS	CABECO DA ARRUDA	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	5,6	1	1100	1113	0
279	ESTREMADURA	LISBOA	TORRES VEDRAS	CABECO DA ARRUDA	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	4	1	1100	1113	0
280	ESTREMADURA	LISBOA	SINTRA	SAMARRA	THOLOS	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	5,6	1,2	1100	1111	0
281	ALGARVE	FARO	OLHAO	MONCARAPACHO	IND.	ABSENCE			DOUBLE CU	OBLIQUE	SUN	CALCARE.	15	5,6	800	810	81002
282	ESTREMADURA	LISBOA	TORRES VEDRAS	ZAMBUJAL	HILL-FORT	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	0	0	1100	1113	0
283	ALGARVE	FARO	OLHAO	MONCARAPACHO	IND.	ABSENCE	ZIG ZAG	1/2	DOUBLE CU	HORIZONTAL	SUN	CALCARE.	11,7	3,7	800	810	81002
284	ALGARVE	FARO	OLHAO	MONCARAPACHO	IND.	ABSENCE	ZIG ZAG	1/2	DOUBLE CU	HORIZONTAL	STAR	CALCARE.	4,5	3,2	800	810	81002

NUMBER	PROVINCE	DISTRICT	COUNCIL	SITE	REST_PLACE	HEAD	HAIR_SHAPE	HAIR_LENTH	FACE_SHAPE	FACE_POSITION	EYES_SHAPE	MATERIAL	HEIGHT	DIAMETER	DIST_COD	CONC_COD	SITE_COD
285	ESTREMADURA	SETUBAL	SANTIAGO DO CACEM	SAO FRANCISCO DA SERR	IND.	ABSENCE	ZIG ZAG	1/2	DOUBLE CU	VERTICAL	CONC. CIRC	MARBLE	16,3	5	1500	1509	150910
286	BALXO ALENTEJO	BEJA	ALJUSTREL	HERDADE DA CARIOLA	IND.	ABSENCE	ZIG ZAG	3/4	DOUBLE CU	HORIZONTAL	SUN	MARBLE	16,3	4,7	2000	20	20101
287	ESTREMADURA	LISBOA	OEIRAS	LECEIA	HILL-FORT	ABSENCE			ABSENCE	ABSENCE	ABSENCE	IND.	6	6	1100	1110	0
288	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE SAO PEDR	HILL-FORT	ABSENCE			DOUBLE CU	OBLIQUE	ABSENCE	IND.	7,2	2,4	1100	1103	110308
289	ESTREMADURA	LISBOA	AZAMBUJA	VILA NOVA DE SAO PEDR	HILL-FORT	ABSENCE			ANGULAR	HORIZONTAL	POINT	IND.	4,8	5,8	1100	1103	110308
270	ESTREMADURA	LISBOA	SINTRA	SAMARRA	IND.	SALIENT			ABSENCE	ABSENCE	ABSENCE	BONE	6	0,8	1100	1111	0
290	ESTREMADURA	LISBOA	TORRES VEDRAS	PAI MOGO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	9,6	0,4	1100	1113	0
291	ESTREMADURA	LISBOA	TORRES VEDRAS	PAI MOGO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	11,2	2,8	1100	1113	0
292	ESTREMADURA	LISBOA	TORRES VEDRAS	PAI MOGO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	9,6	2,8	1100	1113	0
293	ESTREMADURA	LISBOA	TORRES VEDRAS	PAI MOGO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	8	2,4	1100	1113	0
294	ESTREMADURA	LISBOA	TORRES VEDRAS	PAI MOGO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	7,6	2,6	1100	1113	0
295	ESTREMADURA	LISBOA	TORRES VEDRAS	PAI MOGO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	6,4	2,2	1100	1113	0
296	ESTREMADURA	LISBOA	TORRES VEDRAS	PAI MOGO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	6	2	1100	1113	0
297	ESTREMADURA	LISBOA	TORRES VEDRAS	PAI MOGO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	5,8	1,4	1100	1113	0
298	ESTREMADURA	LISBOA	TORRES VEDRAS	PAI MOGO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	5,8	1,2	1100	1113	0
299	ESTREMADURA	LISBOA	TORRES VEDRAS	PAI MOGO	THOLOS	ABSENCE			ABSENCE	ABSENCE	ABSENCE	QUARTZIT	6,4	2,2	1100	1113	0
300	ESTREMADURA	LISBOA	LOURES	CASAINHOS	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	26	5,8	1100	1107	0
301	ESTREMADURA	LISBOA	SINTRA	CONCHADAS	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	11	3,6	1100	1111	0
302	ESTREMADURA	LISBOA	SINTRA	CONCHADAS	DOLMEN	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	7	2,8	1100	1111	0
303	ESTREMADURA	LISBOA	SINTRA	FOLHA DAS BORRACHAS	ART. CAVE	ABSENCE			ABSENCE	ABSENCE	ABSENCE	CALCARE.	33	4,4	1100	1111	0

ABSTRACT

The aim of this work is to show a Data Base when we have a great number of archaeological objects. The example is made with 303 figures from Portugal which the archaeologists name "cylindrical idols". In the first place, it is necessary to choose the vocabulary and organize it in a hierarchical form. Our tree form has three chapters, some sections and subsections that form the base of the system; in the second place I adopted the Access programme to describe the cylinders. When the recording was finished, I asked the following list of questions:

- a) What is the provenance of the Portuguese cylinders?
- b) What is the main raw material?
- c) What is their typology?
- d) What is the geographical distribution?

The answers were reproduced with a graphical picture where we can see the results. These results are confronted with M. Gimbutas' interpretation about these cylinders over Western Europe. Our conclusion does not agree with her because in Portugal the figures appear in Copper Age contexts and M. Gimbutas says that the cylinders were used during the Neolithic. This thesis was linked to the concept of the "Eye Goddess", but the Kurgans that seem to have introduced the metal in Portugal held the sun as a principal religious symbol.