

# Package ‘ArchaeoPhases.dataset’

February 14, 2022

**Type** Package

**Title** Data Sets for 'ArchaeoPhases' Vignettes

**Version** 0.2.0

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**Author** Anne Philippe [aut, cre],  
Thomas S. Dye [ctb]

**Description**

Provides the data sets used to build the 'ArchaeoPhases' vignettes. The data sets were formerly distributed with 'ArchaeoPhases', however they exceed current CRAN policy for package size.

**License** GPL-3

**Depends** R (>= 3.5.0)

**Encoding** UTF-8

**LazyData** true

**LazyDataCompression** bzip2

**RoxygenNote** 7.1.2

**NeedsCompilation** no

**Maintainer** Anne Philippe <anne.philippe@univ-nantes.fr>

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AngloSaxonBurials      *Anglo-Saxon Female Burials with Beads*

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### Description

Results of an OxCal calibration

### Usage

AngloSaxonBurials

### Format

A data frame with 5,000 rows and 79 columns:

**Begin all dates** Early boundary

**UB-6041 (CasD182)** Date of burial CasD182

**UB-6038 (CasD183)** Date of burial CasD183

**UB-4960 (BuD391B)** Date of burial BuD391B

**UB-4959 (BuD391A)** Date of burial BuD391A

**UB-4511 (EH090)** Date of burial EH090

**UB-4512 (EH091)** Date of burial EH091

**MelSG077** Date of burial MelSG077

**UB-4885 (MelSG078)** Date of burial MelSG078

**UB-4884 (MelSG079)** Date of burial MelSG079

**UB-4882 (MelSG080)** Date of burial MelSG080

**UB-6476 (BuD339)** Date of burial BuD339

**UB-4734 (MH105c)** Date of burial MH105c

**UB-4732 (MH094)** Date of burial MH094

**UB-4890 (MelSG075)** Date of burial MelSG075

**UB-4728 (MH064)** Date of burial MH064

**UB-4733 (MH095)** Date of burial MH095

**UB-6473 (BuD250)** Date of burial BuD250

**UB-4735 (Ber022)** Date of burial Ber022

**UB-4739 (Ber134/1)** Date of burial Ber134/1

**UB-4836 (WG27)** Date of burial WG27

**UB-6472 (BuD222)** Date of burial BuD222

**UB-6037 (CasD134)** Date of burial CasD134

**UB-4888 (MelSG089)** Date of burial MelSG089

**UB-6040 (CasD053)** Date of burial CasD053

**UB-4707 (EH079)** Date of burial EH079  
**UB-6035 (CasD096)** Date of burial CasD096  
**UB-4975 (AstCli12)** Date of burial AstCli12  
**UB-4984 (Lec018)** Date of burial Lec018  
**UB-4835 (ApD134)** Date of burial ApD134  
**UB-4729 (MH068)** Date of burial MH068  
**UB-6034 (CasD120)** Date of burial CasD120  
**UB-4705 (WHes123)** Date of burial WHes123  
**UB-6033 (WHes113)** Date of burial WHes113  
**UB-4709 (EH014)** Date of burial EH014  
**UB-4708 (EH083)** Date of burial EH083  
**UB-5208 (ApD107)** Date of burial ApD107  
**UB-4077 (But4275)** Date of burial But4275  
**UB-4965 (ApD117)** Date of burial ApD117  
**UB-4889 (MeISG069)** Date of burial MesSG069  
**UB-4963 (SPTip208)** Date of burial SPTip208  
**UB-6032 (SPTip073)** Date of burial SPTip073  
**UB-6036 (CasD013)** Date of burial CasD013  
**UB-4887 (MeISG082)** Date of burial MeSG082  
**UB-4964 (Cod30)** Date of burial Cod30  
**UB-4883 (MeISG095)** Date of burial MeISG095  
**UB-4042 (But1674)** Date of burial But1674  
**UB-4552 (MaDE3)** Date of burial MaDE3  
**UB-4507 (Lec187)** Date of burial Lec187  
**UB-4706 (WHes118)** Date of burial WHes118  
**UB-4502 (Lec138)** Date of burial Lec138  
**UB-4504 (Lec179)** Date of burial Lec179  
**UB-4910 (BloodH22)** Date of burial BloodH22  
**UB-4506 (Lec172/2)** Date of burial Lec172/2  
**MaDE1 & E2** Date of burial MaDE1 & E2  
**UB-4554 (MaDF2)** Date of burial MaDF2  
**UB-4549 (MaDC7)** Date of burial MaDC7  
**UB-4553 (MaDD10)** Date of burial MaDD10  
**UB-6042 (CasD088)** Date of burial CasD088  
**UB-4501 (Lec014)** Date of burial Lec014  
**UB-4503 (Lec148)** Date of burial Lec148  
**SUERC-51539 (ERL G353)** Date of burial ERL G353

**SUERC-51548 (ERL G210)** Date of burial ERL G210  
**SUERC-51553 (ERL G116)** Date of burial ERL G116  
**SUERC-39108 ERLK G322** Date of burial ERLK G322  
**SUERC-39109 ERL G362** Date of burial ERL G362  
**SUERC-39112 ERL G405** Date of burial ERL G405  
**SUERC-51560 ERL G038** Date of burial ERL G038  
**SUERC-39091 (ERL G003)** Date of burial ERL G003  
**SUERC-39092 (ERL G005)** Date of burial ERL G005  
**SUERC-39113 (ERL G417)** Date of burial ERL G417  
**SUERC-51549 (ERL G195)** Date of burial ERL G195  
**SUERC-51543 (ERL G281)** Date of burial ERL G281  
**SUERC-51551 (ERL G193)** Date of burial ERL G193  
**SUERC-51552 (ERL G107)** Date of burial ERL G107  
**SUERC-39100 (ERL G266)** Date of burial ERL G266  
**SUERC-51550 (ERL G254)** Date of burial ERL G254  
**SUERC-39096 (ERL G112)** Date of burial ERL G112  
**End all dates** Late boundary

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Fishpond

*Calibration of a fishpond chronology*

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### Description

A data set containing information on the ages of two fishpond deposits.

### Usage

Fishpond

### Format

A data frame with 55,965 rows and 12 variables

**Iteration** iteration of the MCMC algorithm

**beta.2..Layer.II.** end date of Layer II

**theta.5..Layer.II.** age of dated event 5 in Layer II

**theta.4..Layer.II.** age of dated event 4 in Layer II

**theta.3..Layer.II.** age of dated event 3 in Layer II

**theta.2..Layer.II.** age of dated event 2 in Layer II

**alpha.2..Layer.II.** start date of Layer II

**beta.1..Layer.III.** end date of Layer III  
**theta.1..Layer.III.** age of dated event 1 in Layer III  
**alpha.1..Layer.III.** start date of Layer III  
**phi.1** floating parameter  
**X** superfluous column

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KADatesChronoModel      *Ksar Akil dates calibrated by ChronoModel*

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### Description

A data set.

### Usage

KADatesChronoModel

### Format

A data frame with 30,000 rows and 17 variables:

**iter** iteration of the MCMC algorithm

**Layer.V** Layer V

**Layer.VI** Layer VI

**Layer.XI** Layer XI

**Layer.XII** Layer XII

**Layer.XVI.4** Layer XVI 4

**Layer.XVI.3** Layer XVI 3

**Layer.XVI.1** Layer XVI 1

**Layer.XVI.2** Layer XVI 2

**Layer.XVII.2** Layer XVII 2

**Layer.XVII.1** Layer XVII 1

**Layer.XVII.3** Layer XVII 3

**Layer.XVII.4** Layer XVII 4

**Layer.XVIII** Layer XVIII

**Layer.XIX** Layer XIX

**Layer.XX** Layer XX

**Layer.XXII** Layer XXII

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 KADatesOxcal

*Ksar Akil dates calibrated by OxCal*


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**Description**

A data set

**Usage**

KADatesOxcal

**Format**

A data frame with 10,000 rows and 27 variables:

**Pass** iteration of the MCMC algorithm

**Ethelruda** Ethelruda

**start.dated.IUP** start dated IUP

**GrA.53000** GrA 5300

**end.dated.IUP** end dated IUP

**start.Ahmarian** start Ahmarian

**GrA.57597** GrA 57597

**GrA.53004** GrA 53004

**GrA.57542** GrA 57542

**GrA.54846** GrA 54846

**GrA.57603** GrA 57603

**GrA.57602** GrA 57602

**GrA.53001** GrA 53001

**Egbert** Egbert

**GrA.54847** GrA 54847

**GrA.57599** GrA 57599

**GrA.57598** GrA 57598

**GrA.57544** GrA 57544

**end.Ahmarian** end Ahmarian

**start.UP** start UP

**GrA.57545** GrA 57545

**GrA.53006** GrA 53006

**GrA.54848** GrA 54848

**end.UP** end UP

**start.EPI** start EPI

**GrA.53005** GrA 53005

**end.EPI** end EPI

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KAPhasesChronoModel *Ksar Akil phases calibrated by ChronoModel*

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**Description**

A data set

**Usage**

KAPhasesChronoModel

**Format**

A data frame with 30,000 rows and 9 variables:

**iter** iteration of the MCMC algorithm

**EPI.alpha** start date of EPI

**EPI.beta** end date of EPI

**UP.alpha** start date of UP

**UP.beta** end date of UP

**Ahmarian.alpha** start date of Ahmarian

**Ahmarian.beta** end date of Ahmarian

**IUP.alpha** start date of IUP

**IUP.beta** end date of IUP

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