



A platform for geospatial data integration in paleoanthropology
paleocore.org

MISSION

Integrate data across independent research projects.

Lomekwi Turkana
Contrebandier Dikika
Hadar Combe Capelle
Fontchevade Omo-Mursi
Laetoli Great Divide Basin
Omo-Shungura Mille-Logya

PaleoCore

Discovery

Synthesis

WEB BASED DATA MANAGEMENT

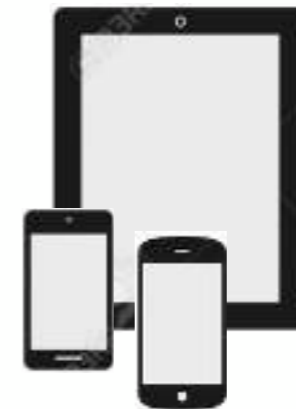
Data Standards



Online Data Repository



Mobile Digital Data Collection



WEB BASED DATA MANAGEMENT

PaleoCore terms are based on existing standards:

Dublin Core

Darwin Core

Access to Biological Collections Data (ABCD)

PALEOCORE AND PERIODO

FLEXIBILITY

SPACE

FUZZINESS

SCALE

PALEOCORE AND PERIODO

FLEXIBILITY

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SCALE



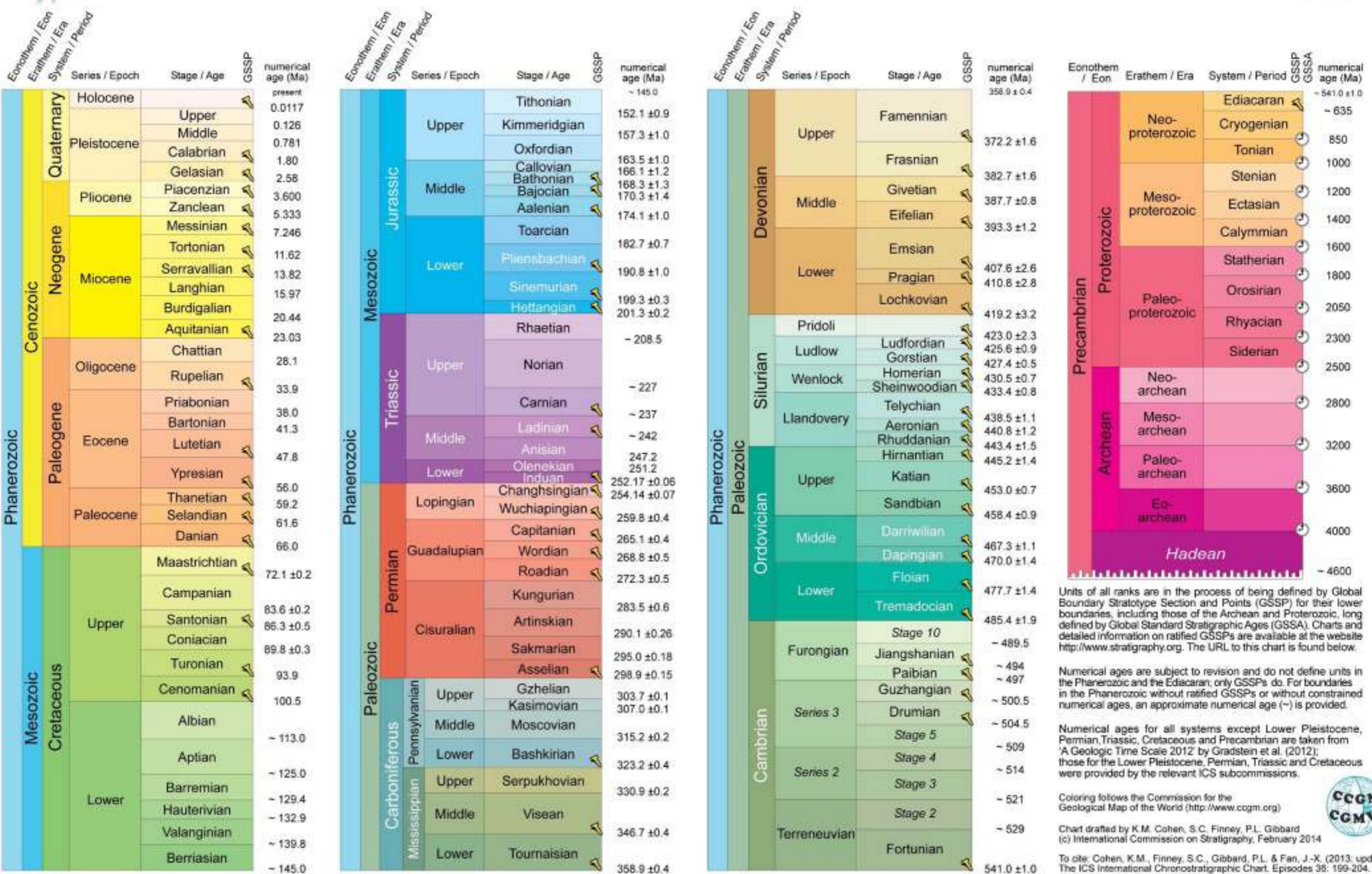
IUGS

INTERNATIONAL CHRONOSTRATIGRAPHIC CHART

www.stratigraphy.org

International Commission on Stratigraphy

v 2014/02



Units of all ranks are in the process of being defined by Global Boundary Stratotype Section and Points (GSSP) for their lower boundaries, including those of the Archean and Proterozoic, long defined by Global Standard Stratigraphic Ages (GSSA). Charts and detailed information on ratified GSSPs or without constrained numerical ages, an approximate numerical age (~) is provided.

Numerical ages are subject to revision and do not define units in the Phanerozoic and the Ediacaran, only GSSPs do. For boundaries in the Phanerozoic without ratified GSSPs or without constrained numerical ages, an approximate numerical age (~) is provided.

Numerical ages for all systems except Lower Pleistocene, Permian, Triassic, Cretaceous and Precambrian are taken from 'A Geologic Time Scale 2012' by Gradstein et al. (2012); those for the Lower Pleistocene, Permian, Triassic and Cretaceous were provided by the relevant ICS subcommissions.

Coloring follows the Commission for the Geological Map of the World (<http://www.ccgw.org>)

Chart drafted by K.M. Cohen, S.C. Finney, P.L. Gibbard (c) International Commission on Stratigraphy, February 2014

To cite: Cohen, K.M., Finney, S.C., Gibbard, P.L. & Fan, J.-X. (2013) updated) The ICS International Chronostratigraphic Chart. Episodes 38: 199-204.

URL: <http://www.stratigraphy.org/ICSChart/ChronostratChart2014-02.pdf>



PALEOCORE AND PERIODO

FLEXIBILITY

SPACE

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SCALE

PALEOCORE AND PERIODO

Find

Geological Context

Time

PALEOCORE AND PERIODO

FLEXIBILITY

SPACE

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PALEOCORE AND PERIODO

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Mobile Devices



CentOS Linux

Django
Web Application Server

PaleoCoreR
API for R Statistics

GeoServer
Web Feature/Map Server

PostgreSQL
PostGIS



PaleoCore
Spatial
Database

Remote Clients



PUBLICLY FUNDED AND OPEN SOURCE

- Built on Free Open-Source Software



django



- Source Code: `github/paleocore`

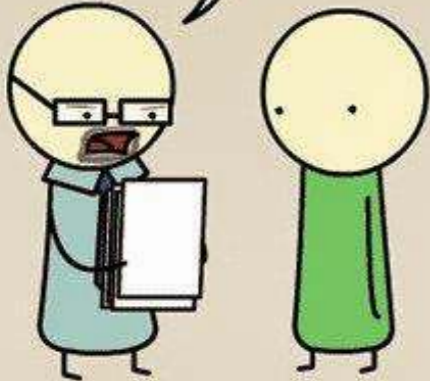


- Funding and support:



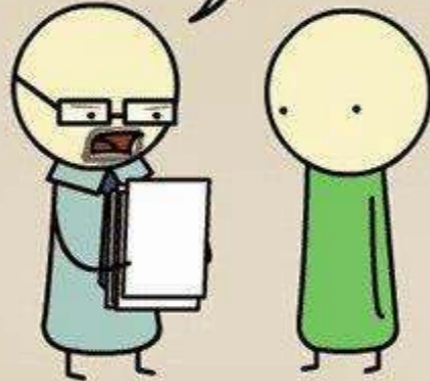
PYTHON

THIS IS PLAGIARISM.
YOU CAN'T JUST "IMPORT" ESSAY."



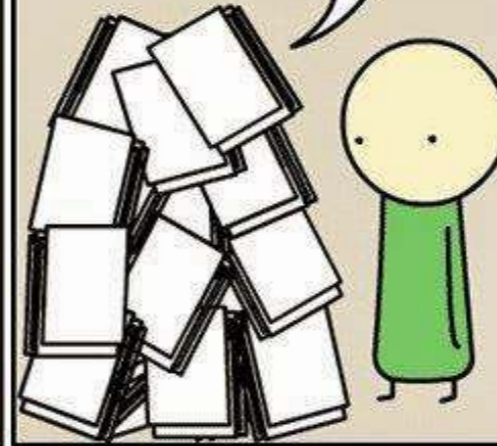
JAVA

I'M TWO PAGES IN AND I STILL
HAVE NO IDEA WHAT YOU'RE SAYING.



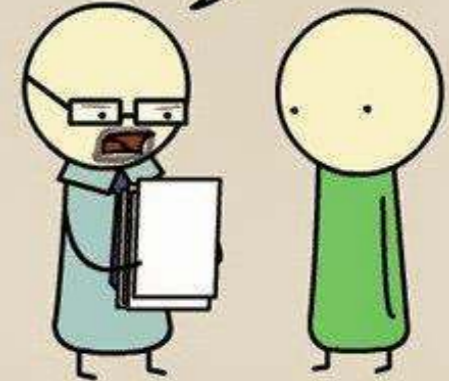
C++

I ASKED FOR ONE COPY,
NOT FOUR HUNDRED.



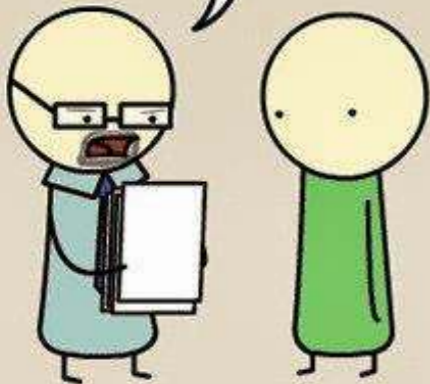
UNIX SHELL

I DON'T HAVE PERMISSION TO
READ THIS.



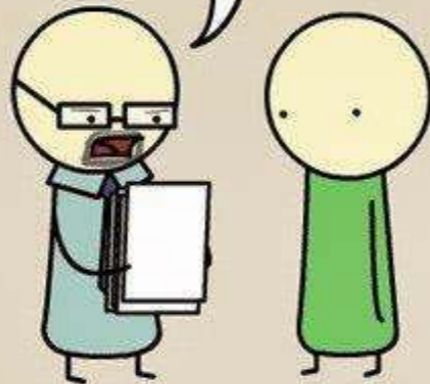
ASSEMBLY

DID YOU REALLY HAVE TO REDEFINE EVERY
WORD IN THE ENGLISH LANGUAGE?



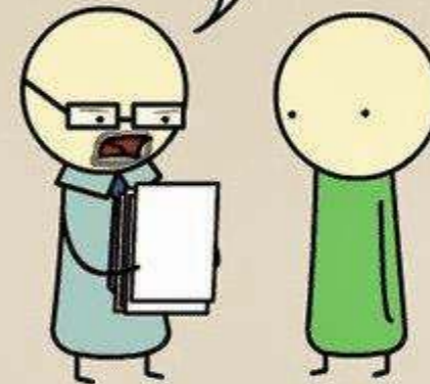
C

THIS IS GREAT, BUT YOU FORGOT TO ADD
A NULL TERMINATOR. NOW I'M JUST READING
GARBAGE.



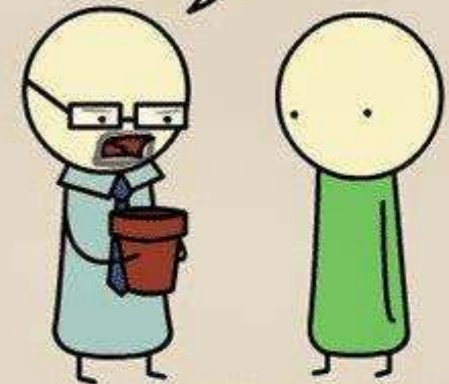
LATEX

YOUR PAPER MAKES NO GODDAMN SENSE,
BUT IT'S THE MOST BEAUTIFUL THING
I HAVE EVER LAID EYES ON.



HTML

THIS IS A FLOWER POT.



2010-2011 SOMETHINGOETHATILK.COM

THIS IS GIT. IT TRACKS COLLABORATIVE WORK
ON PROJECTS THROUGH A BEAUTIFUL
DISTRIBUTED GRAPH THEORY TREE MODEL.

COOL. HOW DO WE USE IT?

NO IDEA. JUST MEMORIZE THESE SHELL
COMMANDS AND TYPE THEM TO SYNC UP.
IF YOU GET ERRORS, SAVE YOUR WORK
ELSEWHERE, DELETE THE PROJECT,
AND DOWNLOAD A FRESH COPY.

