

C14 Dating database for the Andes

Written by Gaëtan Juillard

Friday, 23 March 2007 12:15 - Last Updated Wednesday, 04 April 2007 14:07

The Center of Precolombian Studies from the University of Varsovia is proposing a Dating database for Ecuador, Bolivia and Peru. You can access to a summary of the database through the internet including a series of tables containing only basic information; detailed information can be obtained in the already published book by the title "[Radiocarbon Database for Bolivia, Ecuador and Peru](#)". The dates can be consulted according with three different criteria: chronological, geographical or according to laboratory specifics. On the "Index (database tables)" seccion you'll have to chose a concrete chronological period and a specific letter, after that the corresponding database will appear.

The database contains 2800 radiocarbon datings and it is systematically updated. Also some necessary amendments will be introduced if any mistakes or inaccuracies are found. The first 2672 datings are presented in complete version in the publication [Radiocarbon Database for Bolivia, Ecuador and Peru](#)

In the publication most of the dates are given in two forms:

- The radiocarbon datings are uncalibrated (conventional RCT),
- In the calibrated form, using Stuiver's - Reimers' calibrating curves (1993) and special computer calibration programs (described below by A. Michczynski).

In the Internet version we present to you a brief information, namely the datings are uncalibrated. They contain laboratory code, the number of laboratory and the name of the site the sample come from.

Persons interested in a particular site or/and period or culture are kindly requested to contact us (e-mail or letter). They can also apply to the distributor of our book.

Presentación de la base: <http://www.maa.uw.edu.pl>

Vinculo para la base: <http://andy.cyberkultura.pl>

Reference

- Mariusz S. Ziółkowski [Some problems of the radiocarbon dating of the Central Andean Cultures](#)
- Adam Michczyński [Method of calibration](#)

Related papers

- Anna Adamska, Adam Michczynski [Towards Radiocarbon Chronology of the Inca State](#)
- Jorge Marcos, Adam Michczynski [Good Dates and Bad Dates in Ecuador](#)

The total data concerning one dating looks like the example below:

Gd-6213	2400±80 BP		
68.3%	cal BC	547-389	48.25%
cal BC	758-679	19.47%	

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95.4% cal BC 283-255 1.67%

cal BC 786-360 93.95%

Site	Quemado QUE89
Sample	EXP1Q11-CB-N4-3/89
Material	wood (post) identified as huarango
Provenience	excavation
Context of sample and description of site	associated with Early Nasca structures, depth 60 cm; hill S of
Site location	Nazca, Prov. Nazca, Dep. Ica, Peru. Lat. 14°49'S, Long. 75°05'W, altitude
Collected	1989 by Orefici G.
Project	NASCA
Laboratory comment	Treatment: acid, alkali, acid.
References	OREFI92:238