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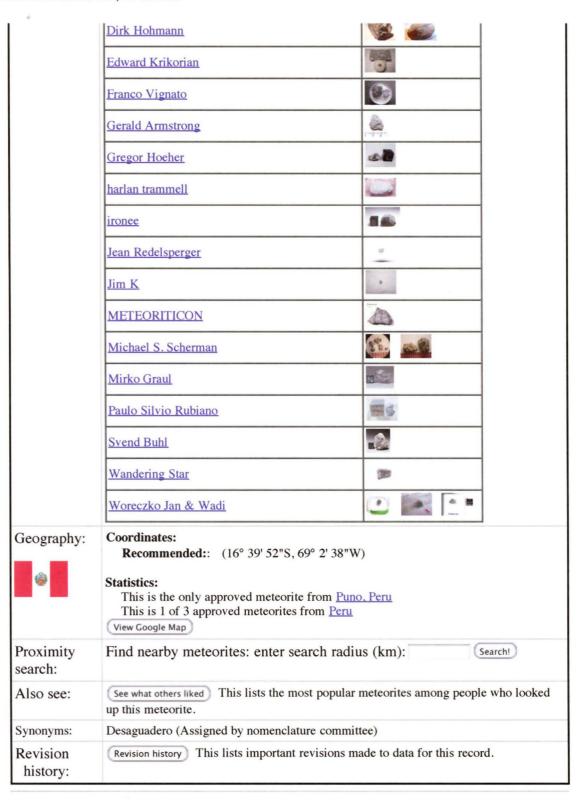
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Data for a specific record:

Carancas					
Basic information	Name: Carancas This is an OFFICIAL meteorite name. Abbreviation: There is no official abbreviation for this meteorite. Observed fall: Yes Year fell: 2007 Country: Peru Mass: 3 342 g				
Classification history:	Meteoritical Bulletin: MB 93 (2008) H4-5 Recommended: H4-5 [explanation] This is 1 of 42 approved meteorites classified as H4-5. [show all] Search for other: H chondrites (type 4-7), Ordinary chondrites (type 4-7), H chondrites, and Ordinary chondrites				
Comments:	Approved 7 Jan 2008 Revised 4 Aug 2008: final writeup; 2008-01-17 fix error in 17O				
Writeup 2	Writeup from MB 93: Carancas 16°39'52"S, 69°02'38"W Carancas, Chucuito, Puno, Peru Fall: 15 September 2007, ~16: 45 UTC Ordinary chondrite (H4-5) History: A large fireball was witnessed to impact near the community of Carancas, the province of Chucuito, region of Puno in the country of Peru. It made a sizable impact crater, ~13.8 m in diameter (INGEMMET) or 11-12 m (L. Jackson, CGS). Local residents and many others have recovered numerous pieces of the impactor from the sides of the crater and the surrounding area. Mike Farmer brought several samples to the Lunar and Planetary Laboratory of the UAz for classification on October 5, 2007. The total mass is currently unknown. A preliminary report was published on the web by F. Luisa Macedo and O. José Macharé of INGEMMET, Per Physical characteristics: Most specimens are without fusion crust and have a gray color with some metal and chondrules visible, although the chondrules are not easily observed. At least one specimen had two different lithologies, the second white in color, indicating it is a breccia. Numerous black shock veins, often on more than one face of a specimen, were observed. At least one large (~2 cm) metal grain was also recovered, with a thin layer of stone attached to it.				

	Petrography: (H. Connolly, $KCCU$, UAz ; D. F. Domanik, UAz , and D. Lauretta, UAz). One podifferent samples, were examined. The polished with well-defined margins and many textural ty the rock to have experienced extensive recrystal chondrules present. Relict chondrules range in and orthopyroxene were observed with abundal Mineral compositions: Olivine (Fa _{18.4±0.5}) and isotopes: (R. Greenwood, OU ; two analyses) δ^{10} 4.344; $\Delta^{17}O = 0.667$, 0.683 (all %). Classification: Ordinary chondrite (H4-5); W0 Type specimens: A total of 22 g, including 5 the Farmer holds 320 g. Submitted by: Harold C. Connolly Jr., $KCCU$	lished butt and one thid butt contains some represent. The thin allization of the matrix size from ~170 μ m to nt Fe, Ni-metal and Fe and pyroxene (Fs _{16.1±0.2}) 17O = 3.017, 2.942; δ 17, S3. hin sections, are on defined butter than the section of the secti	n section, of two elict chondrules section shows with few relict 1 mm. Olivine e-rich sulfide. 1) Oxygen 18O = 4.519,		
Data from: MB93 Table 3 Line 23:	State/Prov/County: Carancas, Chucuito, Pur Origin or pseudonym: Village area Date: 15-Sept-07 Latitude: 16°39'52"S Longitude: 69°02'38"W Mass (g): Metric tons? Pieces: Many Class: H4-5 Type spec mass (g): 22	no, Peru			
Institutions and collections	Farmer: Michael Farmer, P.O. Box 86059, Tucson, AZ 85754-6059, USA; Website (private address) KCCU: Kingsborough College of the City University of New York, Brooklyn, NY 11235, USA (institutional address) OU: Planetary and Space Sciences Research Institute, The Open University, Milton Keynes, MK7 6AA, UK (institutional address) UAz: Lunar and Planetary Laboratory, University of Arizona, 1629 E. University Blvd., Tucson, AZ 85721, USA (institutional address)				
Catalogs:	Search for specimens in the Smithsonian Institution collection (U.S.):				
References:	Published in Meteoritical Bulletin, no. 93, MAPS 43, 571-632 (2008) Find references in NASA ADS: Find references in Google Scholar: Google				
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