



Date of the ACV	3/08/2018
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### Part A. PERSONAL INFORMATION

Name and surname	Manuel Santonja Gómez		
DNI/NIE/passport	08093052L	Age	68
Investigator identification number	Researcher ID	F-1698-2018	
	Orcid ID	<a href="https://orcid.org/0000-0001-5848-9011">https://orcid.org/0000-0001-5848-9011</a>	

#### A.1. Current situation

Institution	CENIEH (Centro Nacional de Investigación sobre la Evolución Humana)		
Department	Archaeology Program		
Address	Paseo Sierra de Atapuerca nº 3, 09002 Burgos		
Phone	+34947040800	E-mail	<a href="mailto:manuel.santonja@cenieh.es">manuel.santonja@cenieh.es</a>
Position	Research Professor	Start date	1/IX/2009
UNESCO code	550405		
Keywords	Paleolithic Archaeology, Lithic Technology, Economic and Spatial Archaeology, África, Europe		

#### A.2. University education (*título, institución, fecha*)

University degrees	University	Date
Bachelor's degree	Universidad de Salamanca. Facultad de Geografía e Historia	VI/1974
Higher degree	Degree in History (Archaeology). Universidad de Salamanca. Evaluation: Sobresaliente	24/10/1974
PhD, Prehistory specialty	Facultad de Geografía e Historia. Universidad Complutense de Madrid. Evaluation: Sobresaliente cum laude.	10/III/1981

#### A.3. General indicators of the scientific production quality

On 2/2/2017 the Consolidated Research Unit of Castilla y León number UIC 182 was recognized, directed by Manuel Santonja Gómez, recognizing the director, in accordance with the rules of the call, 5 *sexenios* of research (1981-2011).

In the last 10 years I have directed 6 doctoral theses, 4 presented (rated with “sobresaliente cum laude”) and 2 in progress.

Google Scholar (search 3/08/2018): total citations: 2427; h-index: 24; i10: 67. More than 200 papers published, 32 of them in Q1 journals according to Scimago JR.

### Part B. FREE SUMMARY OF THE CURRICULUM

The research activity of the last 10 years has been focused on the Paleolithic of the Iberian Peninsula and the Olduvai Gorge (Tanzania). Previously, in the first phase of the research activity he was part of the research team of El Aculadero (Cádiz), performing at the Bordeaux University the study of the lithic industry with Professor François Bordes. He has directed research in the most prominent Spanish Palaeolithic sites, such as Pinedo (Toledo) in 1974-76; Áridos (Madrid) in 1976; La Maya I (Salamanca) in 1976-79 and 1988; El Sartalejo (Cáceres) in 1982-3; Ambrona and Torralba (Soria), in 1990-2006 and 2013-16; Cuesta de la Bajada (Teruel), in 1990-1994 and 1999-2015; Puente Pino (Toledo), in 2001-2012; Porto Maior and Gándaras de Budiño (Pontevedra), in 2011-2015 and 2018, or El Sotillo (Ciudad Real) in 2017-2018. Since 2009 he has been part of the scientific team of TOPPP (The Olduvai Paleoanthropology and Paleoecology Project), dealing with the research of Acheulean and, among others, the TK site digging (Olduvai, Bed II).

Participation in the organization of conferences national (I and IV Iberian Quaternary Meeting, Lisbon 1985 and Faro 1997, II, III and IV Congresses of Peninsular Archeology, Zamora 1997, Vila Real 1999 and Huelva / Faro 2002, IV National Meeting of Geoarchaeology, Almazán 2002 among others), and international (Workshops of The European Science Foundation: "The Earliest Occupation of Europe" (Tautavel, France, 1993), "Biotopes and Settlements-Systems in Middle Palaeolithic Europe" (Arras, France, 1994), "The role of early humans in the accumulation of European Lower and



Middle Palaeolithic bone assemblages" (Neuwied, Germany, 1995) and "Coping with deteriorating Climate (30-20 Kyr bp)" (Dolní-Vestonice, Czech Republic, 1995), XIII International Congress of Prehistoric and Protohistoric Sciences (Forlì, Italy, 1996), First International Congress "The World of Elephants" (Rome, Italy, 2001).

Author of 8 scientific monographs on prehistory and Spanish archeology and editor of 15 others. He has collaborated in sixty books, writing 75 chapters. Author of more than a hundred articles in quality journals, both Spanish and from other countries (Analecta Praehistorica Leidense, Bulletin of the Societe Prehistorique Française, Current Anthropology, Jahrbuch des Römisch-Germanischen Zentralmuseum, Journal of World Prehistory, Portugal, Quaternary International, Journal of Archaeological Science, Plos One, Journal of Quaternary Science, Quaternary Science Review, Quaternary Geochronology, Boreas, O Arqueologo Português, British Archaeological Reports, Trabajos de Prehistoria, Zephyrus etc.), more than 40 communications in conference proceedings and of other 35 abstracts and several notes. He belongs to the editorial boards of Zephyrus (University of Salamanca), Origini (University of Rome), Cuadernos de Prehistoria y Arqueología (Autonomous University of Madrid) and ArkeoGazte (Association of young researchers in prehistoric and historical Archeology) journals. Previously he was part of the Complutum –Universidad Complutense de Madrid- (2003-2010), Cuaternario y Geomorfología (1993-2008), Salamanca. Revista Provincial de Estudios (1991-2005) and BSAA -Universidad de Valladolid- (2005-2018).

He has worked at the Complutense University of Madrid (Assistant Professor, 1974-1975); Museo Arqueológico Nacional, Madrid (contracted and interim Curator, 1975 and 1976); Museo de Lleida (Director, 1976-1977); Museo de Palencia (Director, 1977-1978); Museo de Salamanca (Director, 1978-2003) and Museo Arqueológico Regional of Madrid (Conservator and Adviser of the Direction, 2003-2009).

## Part C. MOST RELEVANT MERITS

### C.1. Publications (10)

- (1) SANTONJA, M.; LOPEZ, N. y PÉREZ GONZÁLEZ, A. (eds.), 1980: Ocupaciones achelenses en el valle Jarama (Arganda, Madrid). Diputación Provincial de Madrid. 352 p. ISBN: 84-500-3554-6.
- (2) SANTONJA, M. y VILLA, P., 1990: The Lower Palaeolithic of Spain and Portugal. Journal of World Prehistory, 4(1), 45-94.
- (3) M. SANTONJA y A. PÉREZ-GONZÁLEZ, 2002: El Paleolítico inferior en el interior de la Península Ibérica. Un punto de vista desde la Geoarqueología. Zephyrus LIII-LIV: 27-77.
- (4) SANTONJA, M. Y VILLA, P., 2006: The Acheulean in Southwestern Europe. En Axe Age. Acheulian. Tool-making from Quarry to Discard. Goren-Inbar, N. & Sharon, G. (eds.). Equinox Publishing. London 2006, pp. 429-478. ISBN: 10 1 84553 138 8.
- (5) JIMÉNEZ-ARENAS, J.M., SANTONJA, M., BOTELLA, M., PALMQVIST, P., 2011. The oldest hand-axes in Europe: fact or artefact? Journal of Archaeological Science 38, 3340-3349. **"University of Granada to Research Excellence" Award, 2013 edition**
- (6) SANTONJA, M., PANERA, J., RUBIO-JARA, S. et al., 2014: Technological Strategies and the Economy of Raw Materials in the TK (Thiongo Korongo) Lower Occupation, Bed II, Olduvai Gorge, Tanzania. Quaternary International 322-323, 181-208.
- (7) SANTONJA, M., PÉREZ-GONZÁLEZ, A., DOMÍNGUEZ-RODRIGO, M., et al., 2014: The Middle Paleolithic site of Cuesta de la Bajada (Teruel, Spain): a perspective on the Acheulean and Middle Paleolithic technocomplexes in Europe. Journal of Archaeological Science 49, 556-571.
- (8) SANTONJA, M., PÉREZ-GONZÁLEZ, A., PANERA, et al., 2016: The coexistence of Acheulean and Ancient Middle Palaeolithic techno-complexes in the Middle Pleistocene of the Iberian Peninsula. Quaternary International 411 (B), 367-377.
- (9) E. MÉNDEZ-QUINTAS, M. SANTONJA, A. PÉREZ-GONZÁLEZ, et al., 2018: First evidence of extensive large cutting tool accumulations in Europe: The African-like Acheulean assemblage of Porto Maior (Galicia, Spain). Scientific Reports (2018) 8:3082.
- (10) SANTONJA, M., RUBIO-JARA, S., PANERA, J., PÉREZ-GONZÁLEZ, A., et al., 2018: The bifacial shaping in the TK Acheulean site (Bed II, Olduvai Gorge, Tanzania): new excavations 50 years after Mary Leakey. Gallotti R., Mussi M. (eds.): The Emergence of the Acheulean in East Africa and Beyond. Contributions in Honor of Jean Chavaillon. Vertebrate Paleobiology and Paleoanthropology. Springer. <https://doi.org/10.1007/978-3-319-75985>



## C.2. Participation in Research Projects (5)

(1) Title and reference of the project: <b>La emergencia de la complejidad en el Paleolítico inferior de la Península ibérica.</b> HUM2004-02024
Funded by: Ministerio de Ciencia y Tecnología. Plan Nacional de Investigación Científica, Desarrollo e Innovación Tecnológica 2004-2007
Participation as Principal Investigator
Start and end dates: 2004-2005
Amount of the Grant: 10580 €

(2) Title and reference of the project: <b>La evolución conductual de los primeros Homo erectus (ergaster): estudio arqueológico y paleoecológico de los yacimientos antrópicos del lecho II de la garganta de Olduvai (Tanzania).</b> HAR2010-18952-C02-01.
Funded by: Ministerio de Ciencia e Innovación. Subprograma de Proyectos de Investigación Fundamental no Orientada (Plan Nacional de I+D+i 2008-2011).
Participation as a researcher.
Principal Investigator: Manuel Domínguez-Rodrigo, Universidad Complutense)
Start and end dates: 2011-2013
Amount of the Grant: 133.100 €

(3) Title and reference of the project: <b>Los tecnocomplejos Achelense y Paleolítico medio antiguo de Ambrona y Torralba (Soria) en el contexto general del paleolítico del SO de Europa.</b> CEN186A12-1.
Funded by: Junta de Castilla y León. Consejería de Educación. Dirección General de Universidades e Investigación
Participation as Principal Investigator
Start and end dates: 2012-2014
Amount of the Grant: 26.657 €

(4) Title and reference of the project: <b>Economía de materias primas, patrones de conducta y ocupación del territorio asociados al desarrollo tecnológico en la Garganta de Olduvai (Tanzania).</b> HAR2013-45246-C3-2-P
Funded by: Ministerio de Economía y Competitividad. Programa Estatal de Investigación Científica y Técnica de Excelencia
Participation as Principal Investigator
Start and end dates: 2014-2017
Amount of the Grant: 96.800 € + Un contrato predoctoral

(5) Title and reference of the project: <b>Economía de materias primas, patrones de conducta y ocupación del territorio asociados al desarrollo tecnológico en la Garganta de Olduvai (Tanzania).2.</b> HAR2017-82463-C4-2P
Funded by: Ministerio de Economía, Industria y Competitividad. Programa Estatal de Fomento de la Investigación Científica y Técnica de Excelencia.
Participation as co-Principal Investigator
Start and end dates : 2018-2020
Amount of the Grant: 99.946 €



### C.3. Contracts obtained as IP or Co-IP (last 10 years)

Contracted Project	Date	Amount of the contract (€)	Funding entity
Excavación del yacimiento paleolítico de El Sotillo (Malagón, Ciudad Real)	2017	10.636	Comunidad de Castilla La Mancha
Excavación de los yacimientos paleolíticos de Ambrona y Torralba (Soria)	2013-2016	37.360 €	Junta de Castilla y León
Prospección y estudio del yacimiento de Arte paleolítico de La Salud (Salamanca)	2014	5.000 €	Junta de Castilla y León
Geoarqueología de los yacimientos paleolíticos de la terraza compleja del Jarama, (Madrid)	2010 and 2012	23.000	Comunidad de Madrid
Excavación del yacimiento paleolítico de Cuesta de la Bajada (Teruel)	2007 - 2011	89.179 €	Gobierno de Aragón y Diputación Provincial de Teruel
Excavación del yacimiento paleolítico de Puente Pino (Alcolea de Tajo, Toledo)	2007-2011	48.000 €	Comunidad de Castilla La Mancha y Diputación Provincial de Toledo
Excavación del yacimiento paleolítico superior de Las Delicias (Madrid)	2008-2009	18.000 €	Comunidad de Madrid

### C.5. Others

Among other activities not mentioned in B section I highlight the following:

- Curator of numerous exhibitions of archaeological theme during the years 1975-2009, dates in which I have been director and curator of Museums.
- Extensive experience in relation to the management of archaeological heritage: Provincial Inspector of Archeology of the province of Salamanca in 1980-83; Member of the Archaeological Research Council of Castilla y León in 1984-1993; Vice President (1990-1992) and President (1993-1997) of the direction Board of the Spanish Quaternary Association (AEQUA); Member since March 2004 of the Advisory Commission of Archeology and Paleontology of the work of modification of the M-30 ring road in Madrid.
- Participation as professor in graduate courses and masters in the Universidad Complutense de Madrid (Facultad de Geología, 1997/2002); Universidad del País Vasco (Facultad de Letras, 2004-2006 and 2009-2010), Universidad de Salamanca (Facultad de Geografía e Historia, 2000/2002) and Universidad de Burgos (Facultad de Humanidades, 2009-2010).
- Review of papers submitted to the following journals: Zephyrus, Trabajos de Prehistoria, Complutum, Estudios Geológicos, Estudios do Quaternario, Bulletin Société Prh. Française, African Archaeological Review, Quaternary International, Plos-One, Journal of Human Evolution, and others.
- Review of projects for national (Ministerio de Economía y Competitividad, Ministerio de Cultura, Junta de Castilla y León and others) and international agencies (European Comission Research, Ministry of Science &Technology, Israel; Ministère des Affaires Étrangères, France, and others).