



1. Research activity (max 1.000 words)

During the first year, I carried out the careful study of the bibliography. Furthermore, I studied the fossil collection from the Apulian Peninsula sites of the Middle-Late Pleistocene, stored in several researcher center or Museum, such as the PaleoFactory laboratory (Department of Earth Sciences, Sapienza University of Rome), MUST (University Museum of the Earth Sciences, Department of Earth Sciences, Sapienza University of Rome), Archeologic National Museum of Melfese “Massimo Pallottino” (Melfi, Potenza), Archeologic National Museum of Venosa (Venosa, Potenza), Paleontologic Museum of the Napoli Univerisity Federico II (Napoli), Speleologic Museum “Franco Anelli”(Castellana, Bari), Preclassic culture Museum of the Meridional Murgia (Ostuni, Bari), Italian Human Palentology Institute (“IsIPU) and Scientific study of the Commercial Institute Galilei-Costa (Lecce). To compare the fossil remains, I studied the osteological materials of the modern large mammal housed in Comparative Anatomy Museum (Sapienza University of Rome) and to ISPRA (Superior Institute for the environmental protection and research), Ozzano dell’Emilia (Bologna). Finally, to make the biometrical comparison of the mammal fossils, I increased the in using the statistical software, such as R.

2. Research products

a) Publications:

Mecozzi B., Iurino D.A., Bertè D.F., Sardella R. (2017). *Canis mosbachensis* from the Middle Pleistocene of Contrada Monticelli (Putignano, Apulia, Southern Italy). *Bollettino della Società Paleontologica Italiana*, 56: 71-78

Mecozzi B. & Bartolini Lucenti S. (2018). The Late Pleistocene *Canis lupus* (Canidae, Mammalia) from Avetrana (Apulia, Italy): reappraisal and new insights on the European glacial wolves. *Italian Journal of Geosciences*, 137:138-150.

b) Publications (NON ISI journals):

Conti J., Tucci S., Bellucci L., Bona F., Brilli M., Giustini F., Iurino D.A., Lembo G., Massussi M., Mazzini I., Mecozi B., Muttilli B., Sigari D., Strani F., Voltaggio M., Sardella R. (2017) – Toward the Virtual reconstruction of Grotta Romanelli, Apulia (Southern Italy). IMEKO International Conference on Meterology for Archaeology and Cultural Heritage, Lecce, 23-25 Ottobre.

c) Manuscripts (submitted, in press):

Sardella R., Mazzini I., Giustini F., Mecozi B., Brilli M., Iurino D.A., Lembo G., Muttilli B., Massussi M., Sigari D., Tucci S. & Voltaggio M. (in press). Grotta Romanelli (Southern Italy, Apulia): legacies

and issues in excavating a key site for the Pleistocene of the Mediterranean. *Rivista Italiana di Paleontologia e Stratigrafia (Research In Paleontology and Stratigraphy)*.

Mecozzi B., Chakroun A., Bailis H., Iurino D.A., Sardella R. & Coppola D. (submitted) Late Pleistocene mammal faunal assemblage from Cava Spagnulo (Grottaglie, Apulia, SE Italy). *Alpine and Mediterranean Quaternary*.

d) Abstracts:

Conti J., Ciavatta F., Iurino D.A., Mecozzi B., Sardella R. (2017). A juvenile Rhinocerotidae neurocranium from the middle-late Pleistocene site of Melpignano (Apulia, Italy): CT-scan analysis and virtual restoration.

Conti J., Bellucci L., Mecozzi B., Petti M., Strani F., Terranova E., Sardella R. (2017). Una nuova identità per per il Museo di Paleontologia di Sapienza, Università di Roma: nasce il MUST (Museo Universitario di Scienze della Terra).