

1. Research activity (max 1.000 words)

During the second year I visited and studied the paleontological collections of several national and international museums: Natural History Museum (Mainz, Germany), Norwich Castle Museum (Norwich, England), Museo Civico Archeologico-Naturalistico, Allumiere, and Museo Archeologico Nazionale, Venosa. I also concluded the study of the remains housed in our departmental museum, Museo Universitario di Scienze della Terra (MUST). Other previously planned visits, at the Senckenberg Research Station of Quaternary Palaeontology (Weimar, Germany) and at the Museo Nacional de Ciencias Naturales (Madrid, Spain) are indicatively rescheduled for spring 2021, due to the Covid outbreak.

In November I take part in the Second Italian Meeting for Young Researchers in Paleontology (IVPday), held in Florence, and in this occasion I also attend to a workshop: “R-evolution, fenotipo e paleoecologia nel futuro”. Conversely, I could not participate in other planned conferences, those of the Italian Paleontological Society (SPI) and the European Association of Vertebrate Palaeontologists (EAVP), which were postponed. I was also part of the organizing committee of the latter meeting, that should have been in Benevento/Pietraroja, and we hope that it will be possible to reorganize it in presence next summer.

The yearly September excavation campaign to Grotta Romanelli (Castro, Lecce) was also postponed, but we undertake a related geopaleontological survey along the Salentine Coast.

Being forced home from March onwards, I focused on data analysis, writing papers, and grant proposals. I won a Sapienza “Avvio alla Ricerca, tipo 1” grant and I published four papers, three of which as first author. I also coauthored five other papers that are currently under review or in press, and another one not impacted (resulting from the congress held in November).

2. Research products

a) Publications (ISI journals)

- **Iannucci A.**, Cherin M., Sorbelli L., Sardella R. (2020). Suidae transition at the Miocene-Pliocene boundary: a reassessment of the taxonomy and chronology of *Propotamochoerus provincialis*. *Journal of Mammalian Evolution* doi:10.1007/s10914-020-09521-w

- **Iannucci A.**, Gasparik M., Sardella R. (2020). First report of *Sus strozzii* (Suidae, Mammalia) from the Early Pleistocene of Hungary (Dunaalmás) and species distinction based on deciduous teeth. *The Science of Nature* 107:5 doi:10.1007/s00114-019-1661-6
- **Iannucci A.**, Sardella R., Strani F., Mecozzi B. (2020). Size shifts in late Middle Pleistocene to Early Holocene *Sus scrofa* (Suidae, Mammalia) from Apulia (southern Italy): ecomorphological adaptations? *Hystrix* 31:10-20 doi:10.4404/hystrix-00258-2019
- Moncel M-H., Santagata C., Pereira A., Nomade S., Voinchet P., Bahain J-J., Daujeard C., Curci A., Lemorini C., Hardy B., Eramo G., Berto C., Raynal J-P., Arzarello M., Mecozzi B., **Iannucci A.**, Sardella R., Allegretta I., Delluniversità E., Terzano R., Dugas P., Jouanic G., Queffelec A., d'Andrea A., Valentini R., Minucci E., Carpentiero L., Piperno M. (2020). The origin of early Acheulean expansion in Europe 700 ka ago: new findings at Notarchirico (Italy). *Scientific Reports* 10:13802 doi:10.1038/s41598-020-68617-8

b) Publications (NON ISI journals)

- Moscarella A., **Iannucci A.**, Iurino D. A., Mecozzi B., Sardella R. (2020). The wolf from Grotta Romanelli: New insights from brain morphology. *Fossilia* volume 2020:45-46 doi:10.32774/FosRepPal.2020.0612

c) Manuscripts (submitted, in press)

- Mecozzi B., **Iannucci A.**, Sardella R., Curci A., Daujeard C., Moncel M-H. (In press). *Macaca* ulna from new excavations at the Notarchirico Acheulean site (Middle Pleistocene, Venosa, southern Italy). *Journal of Human Evolution*
- Mecozzi B., **Iannucci A.**, Bona F., Mazzini I., Pieruccini P., Sardella R. (Under review). Rediscovery *Lutra lutra* from Grotta Romanelli (southern Italy) in the framework of the puzzling evolutionary history of Eurasian otter. *PalZ*
- Mecozzi B., Bellucci L., Giustini F., **Iannucci A.**, Iurino D. A., Mazzini I., Strani F., Sardella R. (Under review). A reappraisal on the age of the Pleistocene mammal assemblages from the karst infilling deposits of the Maglie area (Lecce, Apulia). *Rivista Italiana di Paleontologia e Stratigrafia*
- Mecozzi B., **Iannucci A.**, Mancini M., Sardella R. (Under review). Redefining Ponte Molle (Rome, central Italy): an important locality for Middle Pleistocene mammal assemblages of Europe. *Alpine and Mediterranean Quaternary*
- Strani F., Bellucci L., Mecozzi B., **Iannucci A.**, Sardella R. (Under review). A glimpse of Middle Pleistocene interglacial ecosystems in Latium (central Italian Peninsula): a comparison between MIS 15 and MIS 11 large mammal assemblages. *Historical Biology*

d) Abstracts

- **Iannucci A.** (2020). Reproductive strategies, body mass, and Suidae value for biochronology. IVPday 2020, Online.
- Moscarella A., **Iannucci A.**, Iurino D. A., Mecozzi B., Sardella R. (2020). Is the cerebellum a taxonomic and phylogenetic cue in *Canis*-like forms? Understandings from gross morphology. IVPday 2020, Online.
- **Iannucci A.**, Bellucci L., Conti J., Iurino D. A., Mazzini I., Mecozzi B., Strani F. & Sardella R. (2019). New Suidae material (Mammalia, Artiodactyla) from the Early Villafranchian of Colleparado (central Italy). XXXV Jornadas de Paleontologia, Baza (Spain).
- **Iannucci A.**, Sardella R., Strani F. & Mecozzi B. (2019). Downsizing in the Late Pleistocene: *Sus scrofa* (Suidae, Mammalia) in the Apulian Peninsula (Southern Italy). XVII Conference of the European Association of Vertebrate Paleontologists, Brussels (Belgium).
- **Iannucci A.**, Gaeta M. & Sardella R. (2019). The wild boar (*Sus scrofa*) from Palombara Marcellina, a “new” old Pleistocene site in the Campagna Romana (Latium, Central Italy). XIX Giornate di Paleontologia, Pietraroja (Benevento).
- Mecozzi B., Bellucci L., Bona F., Cicia V., Conti J., **Iannucci A.**, Iurino D.A., Mazzini I., Pushkina D., Sanzi R., Strani F., Sardella R. (2018). Preliminary analysis of the large mammal fauna from layers G to K of Grotta Romanelli, Apulia (Southern Italy). XVIII Giornate di Paleontologia, Trento and Predazzo.