

## **AI FINI DELLA PUBBLICAZIONE**

**conforme a quanto prescritto dall'art. 4 del Codice in materia di protezione dei dati personali e dall'art. 26 del D. Lgs. 14 marzo 2013, n. 33**

## **CURRICULUM VITAE: RAFFAELE SARDELLA**

### **Personal data**

#### **Part I – General Information**

Full Name: RAFFAELE SARDELLA

#### **Current Professional position**

Associate Professor at Earth Sciences Dept., SAPIENZA, Rome University (Italy)

#### **University Education**

1989: Degree in Geological Sciences "La Sapienza" University of Rome with the dissertation "Gli ienidi e i felidi del Pleistocene inferiore di Apricena, Foggia" (110/110 cum laude)

1992-1994: PhD in Paleontology (Consortium University of Modena, Bologna, Florence and Rome La Sapienza) "Sistematica e distribuzione stratigrafica dei macairodonti dal Miocene superiore al Pleistocene"

1994-95: Master MUSIS (SAPIENZA) Museology and scientific communication

1995 - Scholarship Enea-MUSIS

1996-1998: Post-doctoral fellowship in Paleontology (biennial) Rome La Sapienza

1999 - 2017: Researcher at the Department of Earth Sciences, University of Rome "La Sapienza", confirmed in 1/07/2002 for the disciplinary group GEO-01.

2018-present Associate Professor for the disciplinary group GEO-01

National Scientific Habilitation 2012 for Associate Professor (cat. SC 04/A2)

National Scientific Habilitation 2013 for Full Professor (cat. SC 04/A2).

**H-index 27; documents by author: 128 citations: 2641 (source Scopus, 2021, December 7th)**

## **Research**

- evolution and biochronology of Neogene-Quaternary terrestrial ecosystems
- systematics of Neogene-Quaternary large mammals,
- dispersal events of mammals and their relationships to climate changes that took place in the last 7 million years
- *Homo* - fauna interaction during the Pleistocene
- virtual palaeontology
- paleopathology

He participated in many research projects in Italy and abroad (Sweden, Spain, France, UK, Germany). He's the scientific director of Grotta Romanelli (Castro, Lecce, S Italy) excavations and research project authorized by Soprintendenza – MiC.

He wrote three books and over 130 scientific publications on major national and international journals, as well as numerous presentations at international and national conferences, posters and informative articles.

He has many years experience in the field of science in projects related to geology and paleontology in the broader context of the development of Cultural Heritage and Environment (seminars, exhibitions, workshops, conferences), working with archaeological superintendence, science museums and local authorities.

## **Field activity, surveys and excavations**

1998: Organisation and field work of a geo-palaeontological survey at Soqotra Island (Yemen) (with I. Mazzini) granted by Earth Sciences Dept. of Sapienza.

2005-2013: Participation at the excavations and field survey, Pirro Nord (Foggia, Apulia) site (promoters Ferrara and Turin universities);

2006-2008: Participation at the excavations and field survey, Calorie (Rotonda, Basilicata) site (promoter Istituto Italiano di Paleontologia Umana);

2008: Organisation and field work, Fontana Ranuccio (Anagni, Latium) (promoter Istituto Italiano di Paleontologia Umana);

2007-2010: Field survey, Slivia (Trieste) site (project leader)

2007-2010: Field survey, Monte Argentario (Grosseto, Tuscany) site (project leader)

2011 and 2013: Organisation and excavation at Coste San Giacomo (Anagni, Latium) (project leader)

2015: Field survey, Menfi-Sciacca area (Agrigento, Sicily) (project leader)

2015 - present: Grotta Romanelli (Castro, Lecce) Project leader.

2016 - present: member of the research team (resp. M.H. Moncél, Paris) for the excavations and study of Venosa Notarchirico site (Potenza, S Italy).

2016 - present: member of the research team (resp. R. Rocca, Paris) for the excavations and study of Cimitero di Atella site (Potenza, S Italy).

### **Teaching activity**

1999-present Tutorship of MSc , master degree and 10 PhD students at Sapienza, Bari (1) and Turin (1) universities.

Courses (frontal lessons and lab activity) at Sapienza:

2004-2008 - “Palaeoclimatology and Vertebrate palaeontology” for Master's degree in Geological surveys and Mapping (Geological sciences class 86/S); “Apprenticeship in Paleontology” for Master's degree in Geological Sciences, Nature and Environmental Sciences; “Museum and field activities in vertebrate palaeontology” (Extra training activities) for Master's degree in Natural and Environmental Sciences.

2008-2013 - "Palaeontology and Anthropology in scientific dissemination" (9 CF, with G. Manzi).

2012-2015 - “Paleontology” for Bachelor's degree in Scienze Naturali (9 CF).

2013-present: “Vertebrate palaeobiology” (6CF) - for Master's degree in "Scienze del Mare e del Paesaggio Naturale” and Scienze della Natura.

2015-present: “Quaternary geology and palaeontology” (12 CF) for Master's degree in Scienze della Natura and Geologia di Esplorazione (6 CF).

### **Academic charges**

2019-present: Director of MUST (Museo Universitario di Scienze della Terra) at Sapienza.

2017-present: Coordinator of Master's degree Course in Scienze della Natura (Sapienza)

2020-present: Member of the OUTREACH Commission of Science Faculty of Sapienza.

2014-2021: Member of the Earth-Science PhD Commission Board at Sapienza University.

2015-present: Responsible of PaleoFactory, laboratory of the Earth Science Dept. (Sapienza).

2020-present: Member of the WEB Commission at the Earth Science Dept. (Sapienza).

2003-2007: Member of the Research Commission of Science Faculty of Sapienza University.

2006: Member of the panel of judges of PhD in Earth Science (XIX cycle), Turin university.

2007: Member of the panel of judges for a Research permanent position (disciplinary class GEO-01, I session 2006, Gazzetta n. 20 del 14/03/2006) at Modena and Reggio Emilia university.

2016 and 2018: Member of the Commission of Museo Civico “D. De Lorentiis” Award of Maglie (Lecce) for the best young scientist research.

2017: Member of the Commission of PhD board in Geological Sciences at University of Bari.

2018 - 2019: Member of the Commission of ERASMUS MUNDUS PhD board in Prehistory and Archaeological Sciences at University of Ferrara.

2019: Member of the Commission of Research Fellowship board in Geological Sciences at University of Chieti.

Researchers Representative at Science Faculty of Sapienza (2008-2009).

2013-2016 Member of the Commission “Rapporti con l'esterno e web” at Earth Science Dept. (Sapienza).

2016-2019 Member of the MUST (Museo Universitario di Scienze della Terra) Council at Sapienza university

### **Memberships and other activities:**

2020- Councilor of AIQUA (Associazione Italiana studio del Quaternario)

2019-present Member of Italian Bid Committee 2023 XXI INQUA Congress

2019- Councilor of SPI (Società Paleontologica Italiana)

2017-present Vicepresident of the Association Evozoica

2009-2013 President of the Italian Institute of Human Palaeontology (IsIPU).

2000-2015 President of Serendip cultural association for the dissemination of scientific culture.

2008-present Assistant Editor of the Bulletin of the Paleontological Society Italian.

1999-present Research Associate dell'IGAG (Institute of Environmental Geology and Geoengineering) - CNR.

Member of the Scientific Committee of GeoItalia 2011, meeting the Italian Federation of Earth Sciences (Turin, September 2011)

Member of the Scientific Committee of the Paleodays, annual meeting of SPI (Paleontological Society Italian) (2012 to 2015 editions).

Organizer of Paleodays 2017, Anagni (Frosinone, central Italy)

Member of the Scientific Committee of the magazine ArcheoMolise

Member of the Italian Paleontological Society - AIAZ (Italian Association Archaeozoology) - AIQUA (Italian Association for Quaternary).

Member of the Honour Committee of the 2012 AIAZ (Associazione Italiana di Archeozoologia) Meeting (Ferrara, November 2012).

2019 - Contact person on behalf of SPI towards the Soprintendenza for Latium.

2020 - Promoter of EAVP (European Association of Vertebrate Palaeontologists) meeting to be held in Benevento (postponed to 2021).

### **Granted research projects**

2003 - European Community grant (HI-LAT Project) Neogene – Quaternary carnivores from the Old World. Natural History Museum of Stockholm, Sweden.

2005 - SYNTHESYS project SE-TAF-1042 (European Union-funded Integrated Activities grant): The Late Miocene *Machairodus* from Sahabi (Lybia) and the transition between *Machairodus* and *Homotherium* - Natural History Museum of Stockholm, Sweden.

2006 - PaleoRoma, sistema informativo territoriale sui siti paleontologici della provincia di Roma. Bando 2005 dell'attività promossa dalla Amministrazione Provinciale di Roma per la promozione dell'ambiente.

2006-2007-2008 - SAPIENZA Science Faculty grants. 2007 - British-Italian Partnership Programme, CRUI-British Council: Ecology, Evolution and Extinction - seeking large scale patterns of changes in Plio-Pleistocene mammal communities of Britain and the Italian Peninsula. Project partner Danielle Schreve (Royal Holloway University of London-Natural History Museum, London).

2008 - SYNTHESYS project ES-TAF-4259 (European Union-funded Integrated Activities grant): The Mio-Pliocene sabertoothed cats from the Mediterranean region: taxonomy and evolution - Natural History Museum of Madrid, Spain.

2008 - SYNTHESYS project AT 5028 (European Union-funded Integrated Activities grant): Early and Middle Pleistocene carnivores (Mammalia) of Europe - Natural History Museum of Vienna, Austria.

2010 - SYNTHESYS project HU-TAF-707 (European Union-funded Integrated Activities grant): Early and Middle Pleistocene carnivores (Mammalia) of Europe: taxonomy and palaeobiogeography - Natural History Museum of Budapest, Hungary.

2010 - SYNTHESYS project BE-TAF-708 (European Union-funded Integrated Activities grant): Early and Middle Pleistocene carnivores (Mammalia) of Europe: taxonomy and palaeobiogeography - Museum of Central Africa Tervuren, Belgium.

2010 – SAPIENZA Ricerche Universitarie: "Analisi dei vincoli crono-stratigrafici delle unità bio-cronologiche a mammiferi, ostracodi e molluschi continentali per mezzo di metodologie stratigrafiche integrate: il caso delle aree costiere quaternarie toscano-umbro-laziali."

2011 – SAPIENZA Ricerche Universitarie: "Studio integrato delle associazioni a mammiferi, ostracodi, molluschi continentali e pollini del Neogene-Quaternario della penisola italiana".

2012 – SAPIENZA Ricerche Universitarie: "I bacini intermontani dell'Italia centro-meridionale, un archivio naturale per lo studio dei mammiferi pleistocenici e del loro ambiente"

2013 – SAPIENZA Ricerche Universitarie: "Evoluzione degli ecosistemi terrestri italiani nel Neogene-Quaternario". 2014 – SAPIENZA Ricerche Universitarie: "Gli ecosistemi terrestri italiani neogenico-quaternari: evoluzione, ambienti e biocronologia".

2015 – SAPIENZA Ricerche Universitarie: "Finisterrae: ecosistemi terrestri, ambienti e diffusione degli organismi in Italia centro-meridionale negli ultimi 7 milioni di anni".

2015 - SAPIENZA Visiting professor for research activities grant for Diana Pushkina (University of Helsinki)

2016 – SAPIENZA Grandi Scavi: Grotta Romanelli (Castro, Lecce). Prot: SA116154CD9592F3

2017 – SAPIENZA Grandi Scavi: Grotta Romanelli (Castro, Lecce). Prot.: SA11715C81468801

2018 – SAPIENZA Grandi Scavi: Grotta Romanelli (Southern Italy, Apulia): Legacies and issues in excavating a key site for the Pleistocene of the Mediterranean. Prot.: SA1181642D3B3C58

2019 – SAPIENZA Grandi Scavi: Grotta Romanelli (Southern Italy, Apulia): excavating a geo-archaeo-paleontological key site for the Mediterranean prehistory. Prot.: SA11916B513E7C4B

2019 - SAPIENZA: Raccontare Grotta Romanelli: ricerche, azioni di conservazione e strategie di comunicazione per un sito di riferimento per la preistoria del Mediterraneo. Finanziamenti per convegni, seminari, workshop. Prot.: CC11916B51456442

2020 - MAECI-Ministero degli Esteri (Italia-Argentina): Scientific supervisor for Sapienza of the fellowship achieved by Dr. Alberto Boscaini on South American Plio-Pleistocene ground sloths.

2020 – SAPIENZA Grandi Scavi: (Southern Italy, Apulia): a geo-archaeo-paleontological key site for the Mediterranean prehistory. Prot.: SA120172B2C05E68

2021 – SAPIENZA Grandi Scavi: Grotta Romanelli (Castro, Lecce): a key site for the Mediterranean Palaeolithic. Prot.: SA12117A87BC3F0A

### **Scientific dissemination and educational activities**

1993 - "Alla ricerca dei Dinosauri: un viaggio nel tempo", exhibition at Museo Nazionale Preistorico ed Etnografico "L. Pigorini" (March-June 1993).

1994 - "Insegnamento delle scienze e collezioni scientifiche nei licei romani fra Ottocento e Novecento" exhibition IV settimana della Cultura Scientifica (April 1994) (Palaeontological collections).

1996-1998 Scientific consultant of Geolab museum/lab at Sangemini (Umbria).

1996-1998 – Project "Il territorio racconta" (MURST-MUSIS grants) in Settimana della Cultura Scientifica (1996, 1997 and 1998 editions) performed in secondary schools "L. Albertini of Torrimpietra, and "Saxa Rubra", Roma.

1999 – Talk organized with Università di Tor Vergata (Roma)-Tevere Expo’-Serendip: “E’ vero che gli ippopotami sguazzavano nel Tevere?” (Roma, luglio 1999).

6° Simposio di Paleontologia dei Vertebrati – Chairman of the section “La Paleontologia, la scuola e il pubblico” (Firenze, 18-22 settembre 2001).

2004 - Exhibition “Polifemo a Roma” at Palaeontological museum of Sapienza, Rome (March-May 2004)

2004 – Exhibition “Il mare la foresta il grande lago il fiume: frammenti di paleontologia in Umbria” at Centro di Documentazione Paleobotanica della Foresta fossile di Avigliano Umbro (Terni) (April 2004)

2007 - Web site PaleoRoma .

2007 – Exhibition “Apriamo la Mente”, Regione Lazio, Vittoriano, Roma (May 2007)

2007 - Exhibition “PaleoLazio”, at Museo Civico di zoologia, Roma (May 2007)

2008 - Exhibition “Origini”, Regione Lazio, at Vittoriano, Roma (April 2008)

2008 – Exhibition and educational labs “PaleoLazio – chi c’era prima di noi”, at Aguzzano Park, Roma (May 2008).

2011 – Exhibition and seminars "I nostri antenati - Quando la preistoria si fa ecologia", Roma (February-April 2011).

2013 – Excavations with open air labs and ideation of a related app in the project “Valorizzazione “fisica” e “virtuale” dei siti preistorici del bacino di Anagni (Frosinone)” (July-October 2013)

2014 - Frascati Scienza: A spasso con i dinosauri. Sapienza University of Rome, September 2014.

2014 – Genua Science Festival meeting “Alla ricerca dei dinosauri con smartphone e computer” (October 2014).

2016 - Pint of Science: Uomini e iene nel Pleistocene. Bookshop Assaggi, May 2016, Rome.

2016 - I fossili raccontano. qualcuno è passato qui. Bookshop Assaggi, June 2016, Rome.

2004-2012 Scientific consultant for RAI Educational (National public tv broadcast) for the programs TV delle Scienze, Explora Scuola, Explora Science Now.

Technical advisor of the exhibition HOMO SAPIENS (Palexpo Rome in November 2011-April 2012).

Member of the Scientific Board of the Exhibition “Estinzioni” (July 2016-June 2017) MUSE, Museo delle Scienze, Trento.

### **Granted Educational projects (responsible)**

1995 - MUSIS Sapienza Grants for “Il Territorio racconta”.

2011 - Grants MIUR “Diffusione della cultura scientifica” (legge 6/2000): Mostra "I nostri antenati - Quando la preistoria si fa ecologia".

2013 - Grants MIUR “Diffusione della cultura scientifica” (legge 6/2000): Valorizzazione “fisica” e “virtuale” dei siti preistorici del bacino di Anagni (Frosinone).

## **TV, web and radio program participation**

September 1993: Il mondo dei Dinosauri-Quark speciale (Rai Uno);

March 2000: Geo & Geo (Rai Tre);

April 2001: Ora Locale – Il Territorio racconta (Rete Blu);

February-March 2002: Campo Base (National Geographic Channel – Stream);

July 2003: Explora la TV delle Scienze

2003-2004: RadioTRE Scienza

2006-2007: I Quattro Elementi – Uno Sat tv

2010: CHNOPS - video for RAI Dixit Scienza

2016: GEO (RAI3) (January and February)

2018: Tagadà (La7) (February)

2019: Memex - Nautilus: Estinzioni (RAI Scuola), June 2019.

2020: Scienza Show (web), May 2020.

2021: UnoMattina RAI1, November 2021.

2021: Geo&Geo: scheduled December 2021.

## **Video**

2014 - Eduscienza Festival della Scienza di Genova (2 videos).

2018 - Evolving Dinosaurs - Interview with Jack Horner. Società Geologica Italiana. October 2018.

2018 - The rise and the Fall of Dinosaurs. Interview with Steve Brusatte. Società Geologica Italiana. December 2018.

2019 - Sardella R. Conti J. Albano M.: Grotta Romanelli oggi. Una finestra sul passato, uno sguardo sul futuro. Presentato a PaleoMovies Film Festival - Trieste, 23 November 2019.

## **Part VIII – Summary of Scientific Achievements**

### **Books**

BUFFETEAU E. (1994) - *I dinosauri*. Il sapere, Netwon Compton (Italian traslation **SARDELLA R.**).



**SARDELLA R.** (2009) - *Storia della vita sulla Terra*. Farsi un'idea, il Mulino.

**SARDELLA R.** (2011) - *L'era glaciale*. Farsi un'idea, il Mulino.

**SARDELLA R.** (2016) - *Storie di mondi scomparsi*. Farsi un'idea, il Mulino.

SIGARI D., **SARDELLA R.** (2018) – Grotta Romanelli: il sito e le ricerche Grotta Romanelli: the site and the researches. In AA.VV. *Segni dalla Preistoria*. IIPP, 75-88.

SIGARI D., **SARDELLA R.** (2018) – Le foto dell'archivio IIPP come supporto per la conservazione. The photos from the IIPP archive as a support for conservation. In AA.VV. *Segni dalla Preistoria*. IIPP, 95-100.

CONTI J., IURINO D.A., **SARDELLA R.** (2020) - L'orso bruno, il suo passato, presente e futuro, 25-41. In Guacci C. (a cura di) *Orso bruno marsicano, verso una strategia di conservazione integrata*. Palladino Editore.

FERRETTI A., RAFFI I., **SARDELLA R.** (2020) - Fossili e tempo geologico: la Biostratigrafia e la biocronologia: In AA.VV. *MANUALE DI PALEONTOLOGIA*, 329:353. SPI-Idelson Gnocchi ed.

**SARDELLA R.** (2020) - Terrestrial biostratigraphy, Mammals in RAFFI, I.; WADE, B. S.; PAELIKE, H. "The Neogene Period. Geological Time Scale 2020". Vol. II. 1141-1216.

#### Scientific articles

- 1) CAPASSO BARBATO L., CASSOLI P.F., MINIERI M.R., PETRONIO C., **SARDELLA R.**, SCARANO M. (1992) - Note preliminari sulla fauna Pleistocenica di Ingarano (Apricena, Foggia). *BOLLETTINO DELLA SOCIETÀ PALEONTOLOGICA ITALIANA*, 31 (3): 325-334. **IF** -
- 2) DI STEFANO G., PETRONIO C., **SARDELLA R.**, SAVELLONI V., SQUAZZINI E. (1992) - Nuove segnalazioni di breccie ossifere nella costa fra Castro Marina e Otranto (LE) - *IL QUATERNARIO*, 5 (1): 3-10. **IF** -
- 3) BOLOGNA P., DI STEFANO G., MANZI G., PETRONIO C., **SARDELLA R.**, SQUAZZINI E. (1994) - Late Pleistocene mammals from the Melpignano (LE) "Ventarole": preliminary analysis and correlations. *BOLLETTINO DELLA SOCIETÀ PALEONTOLOGICA ITALIANA*, 33 (2): 265-274. **IF** -
- 4) DI STEFANO G., PETRONIO C., **SARDELLA R.** (1994) - Il significato biocronologico e paleoecologico di alcuni taxa di mammiferi del Plio-Pleistocene dell'Italia centrale. In Farinacci A. (Ed.) "La Biostratigrafia dell'Italia centrale". *STUDI GEOLOGICI CAMERTI VOLUME SPECIALE*: 459-468. **IF** -
- 5) **SARDELLA R.**, DI STEFANO G., PETRONIO C. (1995) - The Villafranchian faunas from the Tiber River Basin. *IL QUATERNARIO*, 8 (2): 509-514. **IF** -

- 6) PETRONIO C., BILLIA E., CAPASSO BARBATO L., DI STEFANO G., MUSSI M., PARRY S. J., **SARDELLA R.**, VOLTAGGIO M. (1995) - The Late Pleistocene fauna of Ingarano (Gargano, Italy): Biochronological, Palaeoecological, Palaeoethnological and Geochronological implications. *BOLLETTINO DELLA SOCIETÀ PALEONTOLOGICA ITALIANA*, 34 (3): 333-340. **IF -**
- 7) AMBROSETTI P., BASILICI G., CAPASSO BARBATO L., CARBONI G., DI STEFANO G., ESU D., GLIOZZI E., PETRONIO C., **SARDELLA R.**, SQUAZZINI E. (1995) - Il Pleistocene inferiore nel ramo Sud-Occidentale del Bacino Tiberino (Umbria): aspetti litostratigrafici e biostratigrafici. *IL QUATERNARIO*, 8(1): 19-36. **IF -**
- 8) TALIANA D., ALESSIO M., ALLEGRI L., CAPASSO BARBATO L., DE ANGELIS C., GIROTTI O., GLIOZZI E., IMPROTA S., MAZZINI I., **SARDELLA R.** (1997) - Preliminary results on the "Grotta del Lago" Holocene deposits (Triponzo, Nera River Valley, Umbria, Central Italy). *IL QUATERNARIO*, 9 (2): 745-752. **IF -**
- 9) GLIOZZI E., ABBAZZI L., ARGENTI P., AZZAROLI A., CALOI L., CAPASSO BARBATO L., DI STEFANO G., ESU D., FICCARELLI G., GIROTTI O., KOTSAKIS T., MASINI F., MAZZA P., MEZZABOTTA C., PALOMBO M. R., PETRONIO C., ROOK L., SALA B., **SARDELLA R.**, ZANALDA E., TORRE D. (1997) - Biochronology of selected mammals, molluscs and ostracods from the Middle Pliocene to the Late Pleistocene in Italy. *RIVISTA ITALIANA DI PALEONTOLOGIA E STRATIGRAFIA*, 103(3): 369-388. **IF -**
- 10) CALOI L., PALOMBO M. R., **SARDELLA R.** (1997) - Preliminary considerations on the relationships between large carnivorous and herbivorous in the Plio-Pleistocene mammal faunas of Italy. *PALEONTOLOGIA I EVOLUCIÒ*, 30-31: 235-246. **IF -**
- 11) **SARDELLA R.** (1998) - The Plio-Pleistocene Old World dirk toothed cat *Megantereon ex gr. cultridens* (Mammalia, Felidae, Machairodontinae), with comments on taxonomy, origin and evolution. *NEUES JARHBUCH FUR GEOLOGIE UND PALAONTOLOGIE ABHANDLUNGEN*, 207(1): 1-36. **IF -**
- 12) PETRONIO C., **SARDELLA R.** (1998) - *Bos galerianus* n. sp. (Bovidae, Mammalia) from Ponte Galeria Formation (Rome, Italy). *NEUES JARHBUCH FUR GEOLOGIE UND PALAONTOLOGIE MONATSHEFTE*, 1998(5): 289-300. **IF -**
- 13) **SARDELLA R.**, ABBAZZI L., ARGENTI P., AZZAROLI A., CALOI L., CAPASSO BARBATO L., DI STEFANO G., FICCARELLI G., GLIOZZI E., KOTSAKIS T., MASINI F., MAZZA P., MEZZABOTTA C., PALOMBO M.R., PETRONIO C., ROOK L., SALA B., TORRE D. (1998) - Mammal faunal turnover in Italy from the Middle Pliocene to the Holocene. *MEDEDELINGEN NEDERLANDS INSTITUUT VOOR TOEGEPASTE GEOWETENSCHAPPEN TNO*, 60: 499-511. **IF -**
- 14) PETRONIO C., **SARDELLA R.** (1998) - Remarks on the stratigraphy and biochronology of the Late Pleistocene deposit of Ingarano (Apulia, Southern Italy). *RIVISTA ITALIANA DI PALEONTOLOGIA E STRATIGRAFIA*, 104(2): 287-294. **IF -**
- 15) CAPASSO BARBATO L., DI STEFANO G., PETRONIO C., **SARDELLA R.** (1998) - Pleistocene mammal faunas from Ponte Molle (Rome). *QUATERNARY INTERNATIONAL*, 47/48: 73-75. **IF-**

- 16) DI STEFANO G., PETRONIO C., **SARDELLA R.** (1998) - Biochronology of the Pleistocene mammal faunas from Rome urban area. *IL QUATERNARIO*, 11:191-199. **IF -**
- 17) PETRONIO C., **SARDELLA R.** (1999) - Biochronology of the Pleistocene Mammal Fauna from Ponte Galeria (Rome) and remarks on the Middle Galerian local faunas. *RIVISTA ITALIANA DI PALEONTOLOGIA E STRATIGRAFIA*, 105(1): 155-164. **IF 0.588**
- 18) MAZZINI I., PACCARA P., PETRONIO C., **SARDELLA R.** (2000) - Geological evolution and biochronological evidences of the Monte Riccio section (Tarquinia, Central Italy). *RIVISTA ITALIANA DI PALEONTOLOGIA E STRATIGRAFIA*, 106: 247-256. **IF 0.392**
- 19) **SARDELLA R.** (2001) - Segnalazione di *Gulo gulo* Linnaeus nel deposito fossilifero del Pleistocene superiore di Ingarano (Foggia, Italia meridionale). *GIORNALE DI GEOLOGIA*, volume speciale, 111-114. **IF -**
- 20) PETRONIO C., ARGENTI P., CALOI L., ESU D., GIROTTI O., **SARDELLA R.** (2000-2002) - Updating Villafranchian Mollusc and Mammal Faunas of Umbria and Latium (Central Italy). *GEOLOGICA ROMANA*, 36:369-387. **IF -**
- 21) **SARDELLA R.**, ANGELONE C., BARISONE G., BEDETTI C., DI CANZIO E., MARCOLINI F., SQUAZZINI E. (2003) – Italian Plio-Pleistocene mammal biochronology and correlations with marine sequences: three case studies. *IL QUATERNARIO*, 16(1): 15-20. **IF -**
- 22) DI CANZIO E., BEDETTI C., PETRONIO C., **SARDELLA R.** (2003) – Middle Pleistocene vertebrate fauna from Cretone (Sabina, Latium). *BOLLETTINO DELLA SOCIETÀ PALEONTOLOGICA ITALIANA*, 42(1-2): 129-132. **IF -**
- 23) GIROTTI O., CAPASSO BARBATO L., ESU D., GLIOZZI E., KOTSAKIS T., MARTINETTO E., PETRONIO C., **SARDELLA R.**, SQUAZZINI E. (2003) - The section of Torre di Picchio (Terni, Umbria, Central Italy): a Villafranchian site rich in Vertebrates, Molluscs, Ostracods and Plants. *RIVISTA ITALIANA DI PALEONTOLOGIA E STRATIGRAFIA*, 109(1): 77-98. **IF 0.807**
- 24) ARGENTI P., **SARDELLA R.** (2003) - Early Pleistocene large mammals from Villa Spinola (Perugia, Central Italy). *BOLLETTINO DELLA SOCIETÀ PALEONTOLOGICA ITALIANA*, 42(3): 315-321. **IF -**
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- V7)** CALOI L., PALOMBO M. R., **SARDELLA R.**, ZARLENGA F. (2000) – The state of some Pleistocene geosites located near a spreading big city. The case of the Rome area (Italy). *MEMORIE DESCRITTIVE CARTA GEOLOGICA D’ITALIA*, LIV(1999): 477-480.
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- V17)** ROOK L. & **SARDELLA R.** (2007) - An Overview of the As Sahabi Carnivore Guild with Description of New Specimens from ELNRP Field Surveys. In *Circum-Mediterranean Geology and Biotic Evolution During Neogene Period: The Perspective from Libya*. Ed. N.T. Boaz, A. El-Arnauti, P. Pavlakis, and M. Salem, *Garyounis Scientific Bulletin*, Special Issue, **5**: 261-267.
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- V19)** **SARDELLA R.** (2008) – Prefazione. In SALARI L. “Mosaico Nilotico di Palestrina: animali reali o fantastici? - Archeozoologia di una produzione artistica di età ellenistica”: 5. Ed. Circolo culturale “R. Simeoni”, Palestrina.
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- V22)** SALARI L., BELLUCCI L., FREZZA A.M., PETRUCCI M., PIZZANO N., **SARDELLA R.** (2012) – Allevamento e caccia. L’ERMA DI BRETSCHNEIDER. Studi della Soprintendenza Archeologica di Pompei.
- V23)** **SARDELLA R.**, PETTI F. (2015) - Dinosauri in Italia. *GAZZETTA AMBIENTE*, **5**: 25-32.

- V24)** MASSUSSI M., SARDELLA R., TUCCI S. (2016) – Speciale Grotta Romanelli, FORMA URBIS, vol. 2, 4 pp.
- V25)** FORTI L., MAZZINI I., MECOZZI B., SIGARI D., SARDELLA R. (2020) - Grotta Romanelli (Castro, Lecce): un sito chiave del Quaternario mediterraneo. GEOLOGICAMENTE. 2: 19-27.
- V26)** ROMANO M., SARDELLA R. (2020) - *Tyrannosaurus rex* it is not a Prehistoric Animal: Roaring in a Semantic Prehistoric Jungle. BIOSIS BIOLOGICAL SYSTEMS 1(3): 96-101

### *Fieldtrip and museum guides*

- G1)** BLUMETTI A. M., COLTORTI M., FERRELI L., MICHETTI A. M., PETRONIO C., RAFFY J., SARDELLA R. (1997) - Fucino Basin. In “Geomorphology and Quaternary evolution of Central Italy” Guide for the excursion - Fourth International Conference on Geomorphology. Suppl. GEOGRAFIA FISICA E DINAMICA QUATERNARIA, 3 (2): 92-95.
- G2)** SARDELLA R. (Editor) (2001) - Galerian and Aurelian fossiliferous localities in the Roma area. *EuroMam 2001 ITALY – The Villafranchian and Galerian Faunas of Italy*. Field Trip Guide, 13-17 giugno 2001.
- G3)** SARDELLA R., SQUAZZINI E. (2004) - I vertebrati fossili. In “*Il grande lago, il fiume, la foresta, il mare: Frammenti di Paleontologia in Umbria*”. Guida alla mostra: 15-25 e 34-40. Centro di Paleontologia Vegetale della Foresta fossile di Dunarobba.
- G4)** ZUNINO M., PAVIA M., ARZARELLO M., BERTOK C., DI CARLO M., V. DI DONATO, GRAZIANO R. MATTEUCCI R., NICOSIA U., PETRONIO C., PETRUCCI M., PIGNATTI J., RAGUSA M., SACCHI E., SARDELLA R., PAVIA G. (2012). Il Gargano, un archivio della diversità geologica dal Mesozoico al Pleistocene. GEOLOGICAL FIELD TRIPS, 4 (1-2): 1-137, ISSN: 2038-4947, doi: 10.3301/GFT.2012.02.
- G5)** CONTI M.A., ESU D., MANNI R., MARIOTTI N., MATTEUCCI R., NICOSIA U., PALOMBO M.R., PETRONIO C., PIGNATTI J., SARDELLA R. (2012). Il Museo di Paleontologia e il Fondo Kircheriano. In: Matteucci R.. Cristalli, fossili e marmi antichi della Sapienza; pp. 55-74, Roma: Edizioni Nuova Cultura, ISBN: 9788861347922.

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#### Part IX– Selected Publications

- A1)** ARZARELLO M., MARCOLINI F., PAVIA G., PAVIA M., PETRONIO C., PETRUCCI M., ROOK L., SARDELLA R. (2007) - Evidence of earliest human occurrence in Europe: the site of Pirro Nord (Southern Italy). *NATURWISSENSCHAFTEN*, 94: 107-112. **IF 1.955; CIT 185; selected press and web release: <https://ricerca.repubblica.it/repubblica/archivio/repubblica/2006/10/21/italiano-uomo-piu-antico.html>**
- A2)** PALOMBO M. R., SARDELLA R. (2007) - Biochronology and Biochron Boundaries: a real dilemma or a false problem? An example based on the Pleistocene Large Mammalian Faunas from Italy. *QUATERNARY INTERNATIONAL*, 160: 30-42. **IF 1.468; CIT 41**
- A3)** PALOMBO M.R, ALBERDI M.T, AZANZA B, GIOVINAZZO C, PRADO J.L, SARDELLA R. (2009) - How did environmental disturbances affect carnivoran diversity? A case study of the Plio–Pleistocene Carnivora of the North-Western Mediterranean. *EVOLUTIONARY ECOLOGY*, 23: 569-589. **IF 2.620; CIT 24**
- A4)** SARDELLA R., PETRUCCI M. (2012) - The earliest Middle Pleistocene *Crocuta crocuta* (Erxleben, 1777) at Casal Selce (Rome, Italy). *QUATERNARY INTERNATIONAL*, 267: 103-110. **IF 1.962; CIT 27**
- A5)** IURINO D.A., FICO R., PETRUCCI M., SARDELLA R. (2013) - A Pathological Late Pleistocene canid from San Sidero (Italy): Implications for social- and feeding-behaviour. *NATURWISSENSCHAFTEN*, 100 (3), 235-243. **IF 1.971; CIT 16**
- A6)** CHERIN M., BERTÉ D.F., ROOK L., SARDELLA R. (2014) - Re-Defining *Canis etruscus* (Canidae, Mammalia): A New Look into the Evolutionary History of Early Pleistocene Dogs Resulting from the Outstanding Fossil Record from Pantalla (Italy). *JOURNAL OF MAMMALIAN EVOLUTION*, 21: 95-110. **IF 2.095; CIT 35**
- A7)** BELLUCCI L., BONA F., CORRADO P., MAGRI D., MAZZINI I., SCARDIA G., PARENTI F., SCARDIA G., SARDELLA R. (2014) - Evidence of late Gelasian dispersal of African fauna at Coste San Giacomo (Anagni Basin, central Italy): Early Pleistocene environments and the background of early human occupation in Europe. *QUATERNARY SCIENCE REVIEWS*, 96: 72-85. **IF 4.572; CIT 46**
- A8)** SARDELLA R., BERTÉ D.F., IURINO D.A., CHERIN M., TAGLIACOZZO A. (2014) - The wolf from Grotta Romanelli (Apulia, Italy) and its implications in the evolutionary history of *Canis lupus* in the Late Pleistocene of Southern Italy. *QUATERNARY INTERNATIONAL*, – 329: 179-195. **IF 2.062; CIT 39**
- A9)** IURINO D.A., BELLUCCI L., SCHREVE D., SARDELLA R. (2014) - Exceptional soft tissue fossilization of a Pleistocene vulture (*Gyps fulvus*): new evidence for emplacement temperatures of pyroclastic flow deposits. *QUATERNARY SCIENCE REVIEWS*, 96: 180-187. **IF 4.572; CIT 4**



- A10)** CHERIN M., IURINO D.A., **SARDELLA R.**, ROOK L. (2014) - *Acinonyx pardinensis* (Carnivora, Felidae) from the Early Pleistocene of Pantalla (Italy): Predatory behavior and ecological role of the giant Plio-Pleistocene cheetah. QUATERNARY SCIENCE REVIEWS, 87: 82-97. **IF 4.572; CIT 17**
- A11)** BONA F., BELLUCCI L., **SARDELLA R.** (2015) - The Gelasian (Late Villanyan-MN17) diversified micromammal assemblage with *Miomys pliocaenicus* from Coste San Giacomo (Anagni Basin, central Italy), taxonomy and comparison with selected European sites. HYSTRIX, 26(2): 141-151. **IF 4.333; CIT 6**
- A12)** MARTINETTO E., MOMOHARA A., BIZZARRI R., BALDANZA A., DELFINO M., ESU D., **SARDELLA R.** (2017) - Persistence of humid thermophilous plant taxa of East Asian affinity (HUTEA) in the Early Pleistocene of central Italy. PALAEOGEOGRAPHY, PALAEOCLIMATOLOGY, PALAEOECOLOGY 467: 211-231. **IF 2.67; CIT 33**
- A13)** **SARDELLA R.**, MAZZINI I., GIUSTINI F., MECOZZI B., BRILLI M., IURINO, D.A., LEMBO G., MUTTILLI B., MASSUSSI M., SIGARI D., TUCCI S. (2018) - 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, 124(2):247-264. **IF 1.232, CIT. 18**
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Roma 8 dicembre 2021

Raffaele Sardella