

# CV - GIORGIO CARNEVALE

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## DATI PERSONALI

Data e luogo di nascita: 11 Novembre 1974, Castel di Sangro (AQ)  
Cittadinanza: Italiana  
Stato civile: Coniugato, due figli  
Indirizzo: Dipartimento di Scienze della Terra, Università degli Studi di Torino,  
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## TITOLI DI STUDIO

Laurea con lode in Scienze Naturali, Università di Pisa (22/02/1999)  
Dottorato di Ricerca (quadriennale) in Scienze della Terra, Università di Pisa (25/02/2004)

## PERCORSO LAVORATIVO

Ottobre 2016- : Professore Ordinario - Università degli Studi di Torino  
Novembre 2010-Settembre 2016: Professore Associato - Università degli Studi di Torino  
Agosto 2010-Ottobre 2010: Ricercatore Universitario - Università degli Studi di Perugia  
Gennaio 2006-Luglio 2010: Assegnista di Ricerca - Università di Pisa  
Marzo 2004-Ottobre 2005: Borsista Post-doc - CNR, Istituto di Geoscienze e Georisorse  
Gennaio 2000-Dicembre 2003: Dottorando - Università di Pisa  
Marzo-Dicembre 1999: Contrattista - Università di Pisa

## PRINCIPALI AMBITI DI RICERCA

Sistematica, paleoecologia e paleobiogeografia dei pesci ossei Meso-Cenozoici; Origine ed evoluzione dell'ittiofauna mediterranea; Crisi di salinità messiniana; Origine ed evoluzione dei Lophiiformes; Storia cretacea degli acantomorfi; Pesci eocenici di Bolca; Calibrazioni di alberi molecolari di pesci teleostei; Evoluzione biogeografica e paleoambientale della bioprovincia panamica; Vertebrati continentali messiniani; Origine ed evoluzione dell'ittiofauna dulcicola italiana.

## RICONOSCIMENTI PROFESSIONALI

2022 SYNTHESYS+ programme Fellowship - Staatliches Museum für Naturkunde, Stuttgart  
2022 SYNTHESYS+ programme Fellowship - Natural History Museum, London  
2021 SYNTHESYS+ programme Fellowship - Natural History Museum of Denmark, Copenhagen  
2021 Eletto Presidente della Società Paleontologica Italiana  
2018 Eletto Vice-presidente della Società Paleontologica Italiana  
2017 Confermato Executive Board Member del Regional Committee of Mediterranean Neogene Stratigraphy (RCMNS)  
2016 SYNTHESYS 3 programme Fellowship - Natural History Museum, London  
2015 Eletto consigliere della Società Paleontologica Italiana  
2014 SYNTHESYS 3 programme Fellowship - Naturhistorisches Museum, Wien  
2013 Executive Board Member del Regional Committee of Mediterranean Neogene Stratigraphy (RCMNS)  
2013 SYNTHESYS 2 programme Fellowship - Muséum National d'Histoire Naturelle, Paris  
2013 SYNTHESYS 2 programme Fellowship - Naturhistorisches Museum, Wien  
2012 Nominato membro del Comitato Scientifico del Museo Regionale di Scienze Naturali, Torino, quale rappresentante del Comune di Torino  
2012 Smithsonian short-term fellowship - Smithsonian Institution, Washington, D.C.  
2011 Clarissa and Lincoln Dryed fellowship - Calvert Marine Museum, Solomons, Maryland  
2010 SYNTHESYS 2 programme Fellowship - Naturhistorisches Museum, Wien  
2010 SYNTHESYS 2 programme Fellowship - Muséum National d'Histoire Naturelle, Paris  
2008 NSF fellowship - University of Washington, Seattle  
2008 SYNTHESYS programme Fellowship - Naturhistorisches Museum, Wien  
2007 Research fellowship - Natural History Museum of the Los Angeles County, Los Angeles  
2006-2010 Assegni di ricerca - Università di Pisa

2006 SYNTHESYS programme Fellowship – Muséum National d’Histoire Naturelle, Paris  
 2005 SYNTHESYS programme Fellowship – Institut royal des Sciences naturelles de Belgique, Bruxelles  
 2005 SYNTHESYS programme Fellowship – Muséum National d’Histoire Naturelle, Paris  
 2004-2005 Borsa post-dottorato – CNR, Istituto di Geoscienze e Georisorse, Pisa  
 2003 COLPARSYST programme Fellowship – Muséum National d’Histoire Naturelle, Paris  
 2002 COLPARSYST programme Fellowship – Muséum National d’Histoire Naturelle, Paris  
 2000 Vincitore Progetto Giovani Ricercatori – Università di Pisa/CNR  
 2000-2003 Borsa di Dottorato (quadriennale) – Università di Pisa  
 1999 Premio di Laurea (Ordine del Cherubino) – Università di Pisa

### **AFFILIAZIONE A SOCIETA' SCIENTIFICHE**

Società Paleontologica Italiana  
 Palaeontological Association  
 Società Geologica Italiana

### **ATTIVITA' DIDATTICA**

- Paleontologia, Corso di Laurea Triennale in Scienze Geologiche
- Paleontologia con laboratorio, Corso di Laurea Triennale in Scienze Naturali
- Paleobiologia, Corso di Laurea Triennale in Scienze Biologiche
- Paleobiogeografia, Corso di Laurea Magistrale in Scienze dei Sistemi Naturali
- Paleontologia dei Vertebrati, Corso di Laurea Magistrale in Evoluzione del Comportamento Animale e dell’Uomo
- Responsabile del Corso Integrato di Strumenti e Metodi di Scienze della Terra, Corso di Laurea Magistrale in Evoluzione del Comportamento Animale e dell’Uomo

Tutore e Co-Tutore di 44 Tesi di Laurea (Università di Pisa, Università degli Studi di Cagliari, Università degli Studi di Torino)

Tutore e Co-Tutore di 7 Tesi di Dottorato [Università degli Studi di Camerino (1), Università degli Studi di Padova (1), Università degli Studi di Perugia (1), Università degli Studi di Torino (3); Islamic Azad University, Tehran (1)]

### **ATTIVITA' ISTITUZIONALE**

- Vice-direttore del Dipartimento di Scienze della Terra, Università degli Studi di Torino
- Responsabile scientifico delle collezioni paleontologiche, Museo di Geologia e Paleontologia, Università degli Studi di Torino
- Presidente della Commissione di Coordinamento della Didattica, Corso di Studi in Scienze Naturali, Università degli Studi di Torino
- Membro Commissione Scientifica del Dipartimento di Scienze della Terra, Università degli Studi di Torino
- Membro del Collegio della Scuola di Dottorato in Scienze della Terra, Università degli Studi di Torino

### **ATTIVITA' MUSEALE**

- Ricercatore Associato, Burke Museum of Natural History and Culture, Seattle
- Membro del Comitato Scientifico, Museo Regionale di Scienze Naturali, Torino
- Esperto Scientifico Associato, Museo di Storia Naturale, Università di Pisa
- Membro del Comitato Scientifico, Museo Geo-Paleontologico dell’Alto Aventino, Palena
- Consulente scientifico, Sovrintendenza Archeologica per l’Abruzzo, Chieti
- Membro del Comitato Tecnico-Scientifico, Museo dei Fossili e delle Ambre, San Valentino in Abruzzo Citeriore

### **ATTIVITA' EDITORIALE**

- Editorial Board member per BMC ECOLOGY AND EVOLUTION [dal 2021]
- Editorial Board member per OCEANS [2020-2022]
- Editorial Board member per SCIENTIFIC REPORTS [dal 2019]
- Academic Editor per PLOS ONE [dal 2019]
- Associate Editor per RIVISTA ITALIANA DI PALEONTOLOGIA E STRATIGRAFIA [dal 2016]
- Advisory Editor per NATURAL HISTORY SCIENCES [dal 2014]
- Advisory Editor per EUROPEAN JOURNAL OF TAXONOMY [dal 2013]
- Guest Editor per NORTHEASTERN NATURALIST [2019]

- Guest Editor per BOLLETTINO DELLA SOCIETA' PALEONTOLOGICA ITALIANA [2018-2019]
- Guest Editor per GEOBIOS [2011-2013]
- Revisore per le riviste: Acta Ichthyologica et Piscatoria; Acta Palaeontologica Polonica; African Journal of Biotechnology; Ameghiniana; Andean Geology; Animals; Annalen des Naturhistorischen Museums, Wien; Annales de Paléontologie; Applied Physics A; Aquaculture and Fisheries; Arabian Journal of Geosciences; Atti del Museo Civico di Storia Naturale di Trieste; Atti della Società Toscana di Scienze Naturali; Belgian Journal of Zoology; Biologia; Biology Letters; BMC Evolutionary Biology; Bollettino del Museo Regionale di Scienze Naturali; Bollettino della Società Paleontologica Italiana; Bollettino del Museo Civico di Storia Naturale di Verona; Bulletin de l'Institut Royal des Sciences Naturelles de Belgique; Bulletin of Geosciences; Bulletin of the Geological Society of Denmark; Cainozoic Research; Canadian Journal of Earth Sciences; Canadian Journal of Zoology; Chinese Journal of Oceanology and Limnology; Cladistics; Comptes-rendus de l'Académie bulgare des Sciences; Comptes Rendus Palevol; Copeia; Cretaceous Research; Cybium; Deinsea; Earth and Environmental Transactions of the Royal Society of Edinburgh; Environmental Biology of Fishes; European Journal of Taxonomy; Facies; Fisheries and Aquaculture Journal; Frontiers in Genetics; Geobios; Geodiversitas; Geological Magazine; Geology; Geosciences; Global and Planetary Change; Historical Biology; Hydrobiologia; International Journal of Paleopathology; Iranian Journal of Earth Sciences; Italian Journal of Geosciences; Italian Journal of Zoology; Journal of African Earth Sciences; Journal of Marine Science and Engineering; Journal of Mediterranean Earth Sciences; Journal of South American Earth Sciences; Journal of Systematic Palaeontology; Journal of the Geological Society; Journal of Vertebrate Paleontology; Journal of Zoological Systematics and Evolutionary Research; Kaupia; Lethaia; Life; Marine Biodiversity; Mémoires du Muséum National d'Histoire Naturelle; Memorie della Società Italiana di Scienze Naturali e del Museo Civico di Storia Naturale di Milano; Molecular Phylogenetics and Evolution; Museologia Scientifica; Naturwissenschaften; Neues Jahrbuch für Geologie und Paläontologie; Organisms Diversity and Evolution; Palaeodiversity and Palaeoenvironments; Palaeodiversity; Palaeogeography, Palaeoclimatology, Palaeoecology; Palaeontographica; Palaeontologia Electronica; Palaeontology; Paläontologische Zeitschrift; Paleontological Journal; Paleontological Research; PeerJ; PLoS ONE; Proceedings of the Royal Society B; Quaderni del Museo Provinciale di Storia Naturale di Livorno; Rendiconti della Società Geologica Italiana; Research & Knowledge; Revista Española de Paleontología; Rivista Italiana di Paleontologia e Stratigrafia; Rivista Piemontese di Storia Naturale; Science of Nature; Scientific Reports (Nature); Spanish Journal of Paleontology; Studi e Ricerche sui Giacimenti Terziari di Bolca; Swiss Journal of Palaeontology; Systematic Biology; Thalassas: An International Journal of Marine Sciences; Zoological Journal of the Linnean Society; Zoologischer Anzeiger; Zootaxa
- Revisore per Austrian Science Foundation; Czech Science Foundation; Deutsche Forschungsgemeinschaft (DFG); Indiana University Press; National Geographic Society; National Science Foundation; Royal Society Te Apārangi, New Zealand; Sepkoski Grant – The Paleontological Society; Swiss National Science Foundation; The Fund for Scientific Research-FNRS (Belgium); The Leverhulme Trust (UK); The Netherlands Organisation for Scientific Research (NWO); VQR

#### **PARTECIPAZIONE A SPEDIZIONI SCIENTIFICHE**

Algeria; Colombia; Ecuador; Eritrea; Grecia; Italia; Iran; Madagascar; Repubblica Ceca; Romania; Russia; USA

#### **PUBBLICAZIONI:**

- 242) SCHWARZHANS, W. & **CARNEVALE, G.** (in revisione). Bathyal fish otoliths from the Bartonian (Eocene) of the Turin Hill (Piedmont, Italy). *Rivista Italiana di Paleontologia e Stratigrafia*.
- 241) TROYER, E.M., BETANCUR-R, R., HUGHES, L.C., WESTNEAT, M., **CARNEVALE, G.**, WHITE, W., POGONOSKI, J., TYLER, J.C., BALDWIN, C.C., ORTÍ, G., CLAVEL, J. & ARCILA, D. (in revisione). Cope's and Bergmann's Rules in ectotherms: The impact of paleoclimatic changes on body size evolution in marine fishes.
- 240) BISCONTI, M., RAINERI, G., TARTARELLI, G., MONEGATTI, P. & **CARNEVALE, G.** (in revisione). The periotic of a basal balaenopterid from the Tortonian of the Stirone River, northern Italy (Cetacea, Mysticeti, Balaenopteridae). *Acta Palaeontologica Polonica*.

- 239) MANCINI, A.M., GENNARI, R., NATALICCHIO, M., **CARNEVALE, G.**, DELA PIERRE, F., PASTERO, L., PELLEGRINO, L., PILADE, F. & LOZAR, F. (in revisione). Taphonomic bias on the distribution of calcareous micro and nannofossils and paleoenvironmental evolution across the onset and during the Messinian salinity crisis: insights from the Sorbas Basin (SE Spain). *Palaeogeography, Palaeoclimatology, Palaeoecology*.
- 238) COLLARETA, A. & **CARNEVALE, G.** (in revisione). Some considerations on the nomenclatural and taxonomic status of the upper Miocene ocean sunfish *Orthogoriscus (Mola) lathanicus* Gagnaisson & Bouilly, 2009. *Atti della Società Toscana di Scienze Naturali, Memorie, Serie B*.
- 237) MARRAMA', G., GIUSBERTI, L. & **CARNEVALE, G.** (in revisione). A Rupelian coral reef fish assemblage from the Venetian Southern Alps (Berici Hills, NE Italy). *Rivista Italiana di Paleontologia e Stratigrafia*.
- 236) AMALFITANO, J., DALLA VECCHIA, F.M., **CARNEVALE, G.**, FORNACIARI, E., ROGHI, G. & GIUSBERTI, L. (in revisione). Morphology and paleobiology of the Late Cretaceous large-sized shark *Cretodus crassidens* (Dixon, 1850) (Neoselachii; Lamniformes). *Journal of Paleontology*.
- 235) ROSSI, V., UNITT, R., McNAMARA, M., ZORZIN, R. & **CARNEVALE, G.** (in revisione). Skin patterning and internal anatomy in a fossil moonfish from the Eocene Bolca Lagerstätte illuminate the ecology of ancient reef fish communities. *Palaeontology*.
- 234) MARRAMA', G., KHALLOUFI, B. & **CARNEVALE, G.** (in stampa). Redescription of "*Diplomystus*" *solignaci* Gaudant & Gaudant, 1971 from the Cretaceous of Tunisia, and a new hypothesis of double-armored herring relationships. *Historical Biology*.
- 233) **CARNEVALE, G.** & SCHWARZHANS, W. (in stampa). Marine life in the Mediterranean during the Messinian salinity crisis: A paleoichthyological perspective. *Rivista Italiana di Paleontologia e Stratigrafia*.
- 232) PAVIA, G., DULAI, A., FESTA, A., GENNARI, R., PAVIA, M. & **CARNEVALE, G.** (in stampa). Palaeontology of the Upper Pliocene marine deposits of Rio Vaccaruzza, Villalvernia (Piedmont, NW Italy). *Rivista Italiana di Paleontologia e Stratigrafia*.
- 231) MARRAMA', G., **CARNEVALE, G.** & KRIWET, J. (in stampa). Diversity, paleoecology and paleoenvironmental significance of the Eocene chondrichthyan assemblages of the Bolca Lagerstätten, Italy. *Lethaia*.
- 230) BISCONTI, M., DANIELLO, R., DAMARCO, P., TARTARELLI, G., PAVIA, M. & **CARNEVALE, G.** (2021). High encephalization in a fossil rorqual illuminates baleen whale brain evolution. *Brain, Behavior and Evolution*, 96, 78-90.
- 229) MACALUSO, L., VILLA, A., PITRUZZELLA, G., ROOK, L., **CARNEVALE, G.** & DELFINO, M. (2021). A progressive extirpation: an overview of the fossil record of *Salamandrina* (Salamandridae, Urodela). *Historical Biology*, 33, 3723-3740.
- 228) BISCONTI, M., DAMARCO, P., SANTAGATI, P., PAVIA, M. & **CARNEVALE, G.** (2021). Taphonomic patterns in the fossil record of baleen whales from the Pliocene of Piedmont, north-west Italy (Mammalia, Cetacea, Mysticeti). *Bollettino della Società Paleontologica Italiana*, 60, 183-211.
- 227) PELLEGRINO, L., NATALICCHIO, M., ABE, K., JORDAN, R.W., FAVERO LONGO, S., FERRANDO, S., **CARNEVALE, G.** & DELA PIERRE, F. (2021). Tiny, glassy and rapidly trapped: the nano-sized planktic diatoms in the Messinian (late Miocene) gypsum. *Geology*, 49, 1369-1374.
- 226) **CARNEVALE, G.** (2021). I pesci messiniani di Cava Monticino (Brisighella, RA). In: La fauna messiniana di Cava Monticino (Brisighella, RA). *Memorie dell'Istituto Italiano di Speleologia*, 37, 49-54.
- 225) MACALUSO, L., VILLA, A., **CARNEVALE, G.** & DELFINO, M. (2021). Past, present and future climate space of the only endemic vertebrate genus of the Italian peninsula. *Scientific Reports*, 11, 22139. [IF 4.379]
- 224) SANTAQUITERIA, A., SIQUEIRA, A.C., RIBEIRO, E., **CARNEVALE, G.**, WHITE, W.T., POGONOSKI, J., BALDWIN, C.C., ORTÍ, G., ARCILA, D. & BETANCUR-R, R. (2021). Phylogenomics and historical biogeography of seahorses, dragonets, goatfishes and allies (Teleostei: Syngnatharia): Assessing factors driving uncertainty in biogeographic inferences. *Systematic Biology*, 70, 1145-1162.
- 223) BISCONTI, M., PELLEGRINO, L. & **CARNEVALE, G.** (2021). Evolution of gigantism in right and bowhead whales (Cetacea, Mysticeti, Balaenidae). *Biological Journal of the Linnean Society*, 134, 498-524.

- 222) MARRAMA', G., GIUSBERTI, L., PAPAZZONI, C.A. & **CARNEVALE, G.** (2021). An Eocene soldierfish (Teleostei: Holocentridae) from Monte Baldo (NE Italy). *Bollettino della Società Paleontologica Italiana*, 60, 135-147.
- 221) SCHWARZHANS, W., BANNIKOV, A.F. & **CARNEVALE, G.** (2021). A reappraisal of *Palaeomolva tarchanica* Daniltschenko, 1947 (Gadiformes, Lotidae), based on new skeletal material with otoliths *in situ* from the Miocene of North Caucasus, Russia. *Bollettino della Società Paleontologica Italiana*, 60, 125-133.
- 220) COLLARETA, A., PERI, E., **CARNEVALE, G.**, BOSSELAERS, M. & BIANUCCI, G. (2021). On the presence of an ocean sunfish (Tetraodontiformes, Molidae) in the Miocene Pietra Leccese Formation of Southern Italy. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 301/2, 147-155.
- 219) BISCONTI, M., DAMARCO, P., PAVIA, M., SORCE, B. & **CARNEVALE, G.** (2021). *Marzanoptera tersillae*, a new balaenopterid genus and species from the Pliocene of Piedmont, north-west Italy. *Zoological Journal of the Linnean Society*, 192, 1253-1292.
- 218) MARRAMA', G., **CARNEVALE, G.**, NAYLOR, G.J.P., VARESE, M., GIUSBERTI, L. & KRIWET, J. (2021). Anatomy, taxonomy, and phylogeny of the Eocene guitarfishes from the Bolca Lagerstätte (Italy) provide new insights into the relationships of the Rhinopristiformes (Elasmobranchii: Batomorphii). *Zoological Journal of the Linnean Society*, 192, 1090-1110.
- 217) SCHWARZHANS, W. & **CARNEVALE, G.** (2021). The rise of lanternfishes (Teleostei, Myctophidae) to dominance in the oceanic ecosystems: A paleontological perspective. *Paleobiology*, 47, 446-463.
- 216) DAVESNE, D., FRIEDMAN, M., SCHMITT, A.D., FERNANDEZ, V., **CARNEVALE, G.**, AHLBERG, P.E., SANCHEZ, S. & BENSON, R.B.J. (2021). Fossilized cell structures identify an ancient origin of the teleost whole-genome duplication. *Proceedings of the National Academy of Sciences of the United States of America*, 118, e2101780118.
- 215) ROA-VARON, A., DIKOW, R., **CARNEVALE, G.**, TORNABENE, L., BALDWIN, C.C., LI, C. & HILTON, E.J. (2021). Confronting sources of systematic error to resolve historically contentious relationships: A case study using gadiform fishes (Teleostei, Paracanthopterygii, Gadiformes). *Systematic Biology*, 70, 739-755.
- 214) SORBELLI, L., VILLA, A., GENTILI, S., CHERIN, M., **CARNEVALE, G.**, TSCHOPP, E. & DELFINO, M. (2021). The Early Pleistocene ectothermic vertebrates of Pietrafitta (Italy) and the last Western European occurrence of *Latonia* Meyer, 1843. *Comptes Rendus Palevol*, 20, 555-583.
- 213) VILLA, A., **CARNEVALE, G.**, PAVIA, M., ROOK, L., SAMI, M., SZYNDLAR, Z. & DELFINO, M. (2021). An overview of the late Miocene vertebrates from the fissure fillings of Monticino Quarry (Brisighella, Italy), with new data on non-mammalian taxa. *Rivista Italiana di Paleontologia e Stratigrafia*, 127, 297-354.
- 212) ROMANO, M., CITTON, P., CIPRIANI, A., FABBI, S., SPANO', F., MARRAMA', G. & **CARNEVALE, G.** (2021). Lamniform vertebrae from the Aptian-Albian Marne a Fucoidi Formation of the Umbria-Marche Domain (Central Italy). *Cretaceous Research*, 125, 104832.
- 211) BISCONTI, M., DAMARCO, P., MAO, S., PAVIA, M. & **CARNEVALE, G.** (2021). The earliest baleen whale of the Mediterranean: Large-scale implications of an Early Miocene thalassotherian mysticete from Piedmont, Italy. *Papers in Palaeontology*, 7, 1147-1166.
- 210) GODFREY, S.J. & **CARNEVALE, G.** (2021). A new cobia (Teleostei, Rachycentridae) species from the Miocene St. Marys Formation along Calvert Cliffs, Maryland, U.S.A. *Journal of Paleontology*, 95, 630-637.
- 209) **CARNEVALE, G.** & BANNIKOV, A.F. (2021). A tholichthys-like larva (Teleostei: Percomorpha) from the Eocene of Northern Caucasus, Russia. *Lethaia*, 54, 204-210.
- 208) SCHWARZHANS, W., MILAN, J. & **CARNEVALE, G.** (2021). A tale from the middle Paleocene of Denmark: A tube dwelling predator documented by the ichnofossil *Lepidenteron mortenseni* n. isp. and its predominant prey, *Bobbitchthys* n. gen. *rosenkrantzi* (Macrouridae, Teleostei). *Bulletin of the Geological Society of Denmark*, 69, 35-52.
- 207) CAWLEY, J.J., MARRAMA', G., **CARNEVALE, G.**, VILLAFANA, J.A., LÓPEZ-ROMERO, F.A. & KRIWET, J. (2021). Rise and fall of †Pycnodontiformes: Diversity, competition and extinction of a successful fish clade. *Ecology and Evolution*, 11, 1769-1796.
- 206) BISCONTI, M., DAMARCO, P., TARTARELLI, G., PAVIA, M. & **CARNEVALE, G.** (2021). A natural endocast of an early Miocene odontocete and its implications in cetacean brain evolution. *The Journal of Comparative Neurology*, 529, 1198-1227.

- 205) PŘIKRYL, T., BRZOBOHATÝ, R. & **CARNEVALE, G.** (2021). Skeletal remains with otoliths *in situ* of the Miocene croaker *Trewasciaena cf. kokeni* (Schubert, 1902) (Teleostei, Sciaenidae) from the Pannonian of the Vienna Basin. *Bulletin of Geosciences*, 96, 19-28.
- 204) HAYS, G.C., HOUGHTON, J.D.R., THYS, T., ADAMS, D.H., AHUIR-BARAJA A.E., ALVAREZ, J., BAPTISTA, M., BATISTA, H., BAYLINA, N., BEMIS, K., BEMIS, W.E., CALDERA, E., **CARNEVALE, G.**, CARSON, C.D., CORREIA, J.P., REIS COSTA, P., DALY, O., DAVENPORT, J., DUTTON, J., EALING, L.E., FIGUEIREDO, C., FORSGREN, K., FREESE, M., GARCIA-BARCELONA, S., HARROD, C., HEARN, A., HELLENBRECHT, L., HILTON, E.J., HOWARD, M.J., KELLY, R., KUBICEK, L., LOPES, C., MOWATT-LARSSSEN, T., McBRIDE, R., NAKAMURA, I., NAKATSUBO, T., NIXON, E., NYEGAARD, M., PELLEGRINO, L., PHILLIPS, N.D., POPE, E.C., POTTER, I., RAIMUNDO, J., RIIS, M., ROSA, R., RYAN, J.P., SAWAI, E., SHINOHARA, G., SIMS, D.W., SOUSA, L., TAURA, C., THOLKE, E., TSUKAMOTO, K., TYLER, J.C., WATANABE, Y.Y., WENG, K.C., WHITNEY, J., YAMANOUE, Y. & YDESEN, K.S. (2021). Unresolved questions about the ocean sunfishes, Molidae – a family comprising some of the World's largest teleosts. Pp. 280-296. In Thys, T., Hays, G.C. & Houghton, J.D.R. (eds.): *The Ocean Sunfishes: Evolution, Biology and Conservation*. CRC Press, Boca Raton.
- 203) **CARNEVALE, G.**, PELLEGRINO, L. & TYLER, J.C. (2021). Evolution and fossil record of the ocean sunfishes. Pp. 1-17. In Thys, T., Hays, G.C. & Houghton, J.D.R. (eds.): *The Ocean Sunfishes: Evolution, Biology and Conservation*. CRC Press, Boca Raton.
- 202) BISCONTI, M., DAMARCO, P., REPETTO, G., PAVIA, M. & **CARNEVALE, G.** (2020). Il patrimonio paleocetologico piemontese: storia e prospettive. *Parva Naturalia*, 15, 15-58.
- 201) MARRAMA', G., **CARNEVALE, G.**, NAYLOR, G.J.P. & KRIWET, J. (2020). Skeletal anatomy, phylogenetic relationships and paleoecology of the Eocene stingray *Arechia* Cappetta, 1983 (Batomorphii: Myliobatiformes) from Monte Postale (Bolca Lagerstätte, Italy). *Journal of Vertebrate Paleontology*, 40, e1803339.
- 200) PELLEGRINO, L., DELA PIERRE, F., JORDAN, R.W., ABE, K., MIKAMI, Y., NATALICCHIO, M., GENNARI, R., LOZAR, F. & **CARNEVALE, G.** (2020). The upper Miocene diatomaceous sediments of the northernmost Mediterranean region: A lamina-scale investigation of an overlooked paleoceanographic archive. *Sedimentology*, 67, 3389-3421.
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