

Giovanni Coletti, born in Italy 04/01/1989

Studies:

11/07/2007 Grammar School graduation with an evaluation of 100/100.

15/07/2010 Graduated with honors in Geological Sciences at Genova University (Bachelor Degree)

26/10/2012 Graduated with honors in Geological Sciences and Techniques at Milano-Bicocca University (Master Degree)

02/03/2016 PhD in Earth Sciences at Milano Bicocca University.

Work experience:

04/2016 – 05/2016: Project reviewer for SOIL engineering srl. (Milano, MI).

09/2016 – 04/2017: Carbonate sedimentologist for CoNISMa (Interuniversity National Council for Marine Sciences).

01/2017 – 02/2017: Project reviewer for SOIL engineering srl. (Milano, MI)

09/2017 – 12/2017: Post-Doc at the Department of Geosciences of the Fribourg University (Switzerland).

01/2019 – 05/2019: Research collaboration with Haifa University and Noble Energy for oil exploration in the Eastern Mediterranean.

01/2019 – Present: Research collaboration with Fluminense Federal University (Rio de Janeiro, Brazil) and CNPq (National Council for Scientific and Technological Development; Brazil) for the study of Miocene carbonates of the Pirabas Formation

01/2018 – Present: Post-Doc at Milano-Bicocca University, researching on carbonate sedimentology, with particular focus on Cenozoic coralline algae, large benthic foraminifera and barnacles, and teaching fundamentals of carbonate sedimentology and of sedimentary petrography.

Research papers:

- 1) **Coletti G**, Basso D, Frixia A, Corselli C (2015). Transported rhodoliths witness the lost carbonate factory: a case history from the Miocene Pietra da Cantoni limestone (NW Italy). *Rivista Italiana di Paleontologia e Stratigrafia*, 121: 345-368.
- 2) **Coletti G**, Hrabovský J, Basso D (2016). *Lithothamnion crispatum*: long-lasting species of non-geniculate coralline algae (Rhodophyta, Hapalidiales). *Carnets de Geologie*, 16: 27-41.
- 3) **Coletti G**, Vezzoli G., Di Capua A, Basso D (2016). Reconstruction of a lost carbonate factory based on its biogenic detritus (Ternate-Travedona formation and Gonfolite lombarda group - Northern Italy). *Rivista Italiana di Paleontologia e Stratigrafia*, 122: 1-22.
- 4) **Coletti G**, Basso D, Frixia A (2017). Economic Importance of Coralline Carbonates. In: *Rhodolith/Maërl Beds: A Global Perspective* (pp. 87-101). Springer, Cham.
- 5) Borromeo L, Zimmermann U, Andò S, **Coletti G**, Bersani D, Basso D, Gentile P, Schulz B, Garzanti E. (2017). Raman spectroscopy as a tool for magnesium estimation in Mg-calcite. *Journal of Raman Spectroscopy*, 48: 983-992.
- 6) **Coletti G**, El Kateb A, Basso D, Cavallo A, Spezzaferri S (2017). Nutrient influence on fossil carbonate factories: Evidence from SEDEX extractions on Burdigalian limestones (Miocene, NW Italy and S France). *Palaeogeography Palaeoclimatology Palaeoecology*, 475: 80-92.
- 7) **Coletti G**, Basso D, Corselli C (2018). Coralline algae as depth indicators in the Sommières Basin (early Miocene, Southern France). *Geobios*, 51: 15-30.
- 8) **Coletti G**, Stainbank S, Fabbrini A, Spezzaferri S, Foubert A, Kroon D, Betzler C (2018). Biostratigraphy of large benthic foraminifera from Hole U1468A (Maldives): a CT-scan taxonomic approach. *Swiss Journal of Geosciences* 111: 523-536.
- 9) Bianucci G, Collareta A, Bosio G, Landini W, Gariboldi K, Gioncada A, Lambert O, Malinverno E, de Muizon C, Varas-Malca R, Villa IM, **Coletti G**, Urbina M, Di Celma C (2018). Taphonomy and palaeoecology of the lower Miocene marine vertebrate assemblage of Ullujaya (Chilcatay Formation, East Pisco Basin, southern Peru). *Palaeogeography Palaeoclimatology Palaeoecology*, 511: 256-279.

- 10) Di Celma C, Malinverno E, Collareta A, Bosio G, Gariboldi K, Lambert O, Landini W, Gioncada A, Villa IM, **Coletti G**, de Muizon C, Urbina M, Bianucci G (2018). Facies analysis, stratigraphy and marine vertebrate assemblage of the early Miocene Chilcatay Formation at Ullujaya (Pisco basin, Peru). *Journal of Maps*, 14: 257-268.
- 11) **Coletti G**, Bracchi VA, Marchese F, Basso D, Savini A, Vertino A, Corselli C (2018). Quaternary build-ups and rhodalgal carbonates along the Adriatic and Ionian coasts of the Italian Peninsula: a review. *Rivista Italiana di Paleontologia e Stratigrafia*, 124: 387- 406.
- 12) **Coletti G**, Bosio G, Collareta A, Buckeridge J, Consani S, El Kateb A (2018). Palaeoenvironmental analysis of the Miocene barnacle facies: case studies from Europe and South America. *Geologica Carpathica*, 69: 573-592.
- 13) Basso D, **Coletti G**, Bracchi V, Yazdi-Moghadam M (2019). Lower Oligocene coralline algae of the Uromieh section (Qom Formation, NW Iran) and the oldest record of Titanoderma pustulatum (Corallinophycidae, Rhodophyta). *Rivista Italiana di Paleontologia e Stratigrafia*, 125: 197-218.
- 14) **Coletti G**, Basso D, Betzler C, Robertson AHF, Bosio G, El Kateb A, Foubert A, Meilijson A, Spezzaferri S (2019). Environmental evolution and geological significance of the Miocene carbonates of the Eratosthenes Seamount (ODP Leg 160). *Palaeogeography Palaeoclimatology Palaeoecology*, in press.
- 15) Collareta A, **Coletti G**, Bosio G, Buckeridge J, de Muizon C, DeVries TJ, Varas-Malca R, Sierra AA, Urbina M, Bianucci G (2019). A new barnacle (Cirripedia: Neobalaniformes) from the early Miocene of Peru: Palaeoecological and palaeobiogeographical implications. *Neues Jahrbuch für Geologie und Paläontologie Monatshefte*, 292: 321-338.
- 16) Borromeo L, Andò S, France-Lanord C, **Coletti G**, Hahn A, Garzanti E (2019). Provenance of Bengal Shelf Sediments: 1. Mineralogy and Geochemistry of Silt. *Minerals*, 9(10), 640, 26 pp.
- 17) **Coletti G**, Collareta A, Bosio G, Urbina-Schmitt M, Buckeridge J (2019). *Perumegabalanus calzai* gen. et sp. nov., a new intertidal megabalanine barnacle from the early Miocene of Peru. *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen*, 294: 197-212.
- 18) Hrabovsky J, Basso D, **Coletti G** (2019). The first identification of fossil *Mesophyllum* in accordance to the modern taxonomic concepts in coralline algae. *Acta Palaeontologica Polonica*, 64(4): 897-909.
- 19) **Coletti G**, Bosio G, Collareta A, Malinverno E, Bracchi VA, Di Celma C, Basso D, Stainbank S, Spezzaferri S, Cannings T, Bianucci G (2019). Biostratigraphic, evolutionary, and paleoenvironmental significance of the southernmost lepidocyclinids of the Pacific coast of South America (East Pisco Basin, southern Peru). *Journal of South American Earth Sciences*, 96, 102372.
- 20) Dailey SK, Clift PD, Kulhanek DK, Blusztajn J, Routledge CM, Calvès G, O'Sullivan P, Jonell TN, Pandey DK, Andò S, **Coletti G**, Zhou P, Li Y, Neubeck NE, Bendle JAP, Aharonovich S, Griffith EM, Gurumurthy GP, Hahn A, Iwai M, Khim BK, Kumar A, Kumar GA, Liddy HM, Lu H, Lyle MW, Mishra R, Radhakrishna T, Saraswat R, Saxena R, Scardia G, Sharma GK, Singh AD, Steinke S, Suzuki K, Tauxe L, Tiwari M, Xu Z, Yu Z (2020). Large-scale mass wasting on the Miocene continental margin of western India. *Geological Society of America Bulletin*, 132: 85-112.
- 21) Aguilera O, de Araújo OMO, Hendy A, Nogueira AA, Nogueira AC, Maurity CW, Kutter V, Martins MVA, **Coletti G**, Dias BB, da Silva-Caminha SAF, Jaramillo C, Bencomo K, Lopes RT, (2020). Palaeontological framework from Pirabas Formation (North Brazil) used as potential model for equatorial carbonate platform. *Marine Micropaleontology*, 154: 101813.
- 22) El Kateb A, Stalder C, Martínez-Colón M, Mateu-Vicens G, Francescangeli F, **Coletti G**, Stainbank S, Spezzaferri (2020). Foraminiferal-based biotic indices to assess the ecological quality status of the Gulf of Gabes (Tunisia): Present limitations and future perspectives. *Ecological Indicators*, 111, 105962.
- 23) **Coletti G**, Basso D (2020). Coralline algae as depth indicators in the Miocene carbonates of the Eratosthenes Seamount (ODP Leg 160, Hole 966F). *Geobios*, accepted.
- 24) El Kateb A, Beccari V, Stainbank S, Spezzaferri S, **Coletti G** (2020). Living (stained) foraminifera in the Lesser Syrtis (Tunisia): influence of pollution and substratum. *PeerJ*, accepted.