

PERSONAL INFORMATION

Name and surname: Matteo Dal Zotto

Affiliation: Department of Life Sciences, University of Modena and Reggio Emilia

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Official webpage:

<http://personale.unimore.it/Rubrica/dettaglio/mdalzot>

<https://unimore.academia.edu/MatteoDalZotto>

ResearchGate:

https://www.researchgate.net/profile/Matteo_Dal_Zotto

Google Scholar:

<https://scholar.google.it/citations?user=BkMMuMwAAAAJ&hl=it&oi=ao>

Publons:

<https://publons.com/researcher/1505804/matteo-dal-zotto>

Wikimedia:

https://species.wikimedia.org/wiki/Matteo_dal_Zotto

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Scopus Author ID: 57191825432

Topics Board Editor (Diversity):

https://www.mdpi.com/journal/diversity/topic_editors

Loop profile: 922895

Citizenship: Italian

Place and date of birth: Carpi (Modena, Italy), 10/04/1982

Gender: Male

PROFESSIONAL EXPERIENCE

Scientific Research Experience

June 2023–present

Research fellowship.

Title: “*Conservation and management of the European pond turtle (Emys orbicularis)*”.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

March–May 2022

Research collaboration.

Title: “*Monitoring of amphibians in the Tuscan-Emilian Apennines National Park*”.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference persons: Dr. Luigi Sala; Prof. M. Antonio Todaro.

June 2021–June 2023

Research fellowship.

Title: “*Analysis of meiobenthos in the area surrounding the FSRU Toscana regasification plant and SNAM pipeline*”.

Institution: Consortium for the Interuniversity Center of Marine Biology and Applied Ecology (CIBM), Livorno.

Reference person: Prof. Carlo Pretti.

May 2020–January 2021

Research fellowship.

Title: “*Statistical and faunistic analysis of meiofauna from the Tuscan coast*”.

Institution: Consortium for the Interuniversity Center of Marine Biology and Applied Ecology (CIBM), Livorno.

Reference person: Prof. Carlo Pretti.

March–June 2020

Research collaboration.

Title: “*Common-interest activities for sharing and using ichthyological data and knowledge – 2020*”.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia; Emilia-Romagna Region.

Reference person: Dr. Luigi Sala.

October–November 2019

Research collaboration.

Title: “*Common-interest activities for sharing and using ichthyological data and knowledge – 2019*”.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia Emilia-Romagna Region.

Reference person: Dr. Luigi Sala.

June 2017–December 2019

Research fellowship.

Title: “*Characterization of the meiobenthic community of a coastal area between Livorno and Pisa*”.

Institution: Consortium for the Interuniversity Center of Marine Biology and Applied Ecology (CIBM), Livorno.

Reference person: Prof. Carlo Pretti.

September 2016–May 2017

Research fellowship.

Title: “*Collection, analysis and dissemination of ornithological and meteo-climatic data of the Karen Mogensen Reserve (Costa Rica)*”.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. Aurora Pederzoli.

August 2014–July 2016

Research fellowship.

Title: “*Characterization of the meiobenthic community of a coastal area between Livorno and Pisa*”.

Institution: Consortium for the Interuniversity Center of Marine Biology and Applied Ecology (CIBM), Livorno.

Reference person: Prof. Carlo Pretti.

October 2013–July 2014

Research fellowship.

Title: “*Tiome (Integrated Taxonomy of Meiofauna Organisms)*”.

Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; ISPRA (Italian Institute for Environmental Protection and Research).

Reference person: Prof. M. Antonio Todaro.

January–July 2013

Research fellowship.

Title: “*Characterization of the meiobenthic communities of a coastal area between Livorno and Pisa*”.

Institution: Consortium for the Interuniversity Center of Marine Biology and Applied Ecology (CIBM), Livorno.

Reference person: Prof. Carlo Pretti.

June 2011–December 2012

Research fellowship.

Title: “*Biotome*” (*Biotaxonomy of Meiofauna Organisms*)”.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

November–December 2009

Research collaboration.

Title: “*Freshwater crayfish conservation and management*”.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

January–February 2008

Research collaboration.

Title: “*Analysis of meiozoobenthic communities in a Northern Adriatic area*”.

Institution: Central Institute for Scientific and Technological Research Applied to Marine Environment (ICRAM).

Reference person: Dr. Claudia Virno Lamberti.

January 2008–February 2011

Doctoral fellowship.

Project: PhD in Evolutionary and Environmental Biology, funded by the Italian Ministry of University and Research.

Institution: University of Modena and Reggio Emilia.

Supervisor: Prof. M. Antonio Todaro.

May–November 2007

Research fellowship.

Title: “*Analysis of marine meiobenthic communities under anthropogenic stress*”.

Institution: Department of Biology, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

INTERNATIONAL WORK EXPERIENCE**January–February 2025**

Coordinator.

Initiative: Theoretical-practical course “Field School 2025”.

Location: National Parks and Reserves of Costa Rica.

Institutions: University of Modena and Reggio Emilia, Foreste per Sempre NGO, Asociación Ecológica Paquera, Lepanto y Cóbano (Asepaleco), National System of Conservation Areas of Costa Rica (SINAC).

January–February 2024

Coordinator.

Initiative: Theoretical-practical course “Field School 2024”.

Location: National Parks and Reserves of Costa Rica.

Institutions: University of Modena and Reggio Emilia, Foreste per Sempre NGO, Asociación Ecológica Paquera, Lepanto y Cóbano (Asepaleco), National System of Conservation Areas of Costa Rica (SINAC).

January–February 2023

Coordinator.

Initiative: Theoretical-practical course “Field School 2023”.

Location: National Parks and Reserves of Costa Rica.

Institutions: University of Modena and Reggio Emilia, Foreste per Sempre NGO, Asociación Ecológica Paquera, Lepanto y Cóbano (Asepaleco), National System of Conservation Areas of Costa Rica (SINAC).

January–February 2020

Coordinator.

Initiative: Theoretical-practical course “Field School 2020”.

Location: National Parks and Reserves of Costa Rica.

Institutions: University of Modena and Reggio Emilia, Foreste per Sempre NGO, Asociación Ecológica Paquera, Lepanto y Cóbano (Asepaleco), National System of Conservation Areas of Costa Rica (SINAC).

January–February 2019

Field instructor and speaker.

Initiative: 5th International Workshop on Scalidophora.

Location: Pontal do Sul, Paraná, Brazil.

Institution: Federal University of Paraná, Brazil.

Reference person: Prof. Maikon Di Domenico.

January 2019

Researcher.

Project: “*Marine benthic meiofauna of Costa Rica*”.

Location: coastal Costa Rica.

Institutions: Center for Research in Marine Sciences and Limnology (CIMAR) (University of Costa Rica), Department of Life Sciences (University of Modena and Reggio Emilia).

Reference person: Prof. Jeffrey A. Sibaja-Cordero.

January 2019

Visiting professor.

Initiative: Theoretical-practical course on the phylum Kinorhyncha.

Location: coastal Costa Rica.

Institution: Department of Biology and Center for Research in Marine Sciences and Limnology (CIMAR) (University of Costa Rica).

Reference person: Prof. Jeffrey A. Sibaja-Cordero.

January–February 2018

Researcher.

Project: “*Marine benthic meiofauna of Costa Rica*”.

Location: coastal Costa Rica.

Institutions: Center for Research in Marine Sciences and Limnology (CIMAR) (University of Costa Rica), Department of Life Sciences (University of Modena and Reggio Emilia).

Reference person: Prof. Jeffrey A. Sibaja-Cordero.

July 2017

Visiting researcher

Initiative: EU-funded Synthesys mobility program.

Location: Berlin, Germany.

Institution: Museum für Naturkunde (Leibniz Institute for Evolution and Biodiversity Science).

Reference person: Dr. Birger Neuhaus.

November 2016–May 2017

Researcher.

Initiative: Investigations on Costa Rican avifauna.

Location: protected areas of Costa Rica.

Institutions: Department of Life Sciences (University of Modena and Reggio Emilia), Foreste per Sempre NGO, National System of Conservation Areas of Costa Rica (SINAC).

Reference person: Dr. Celso Alvarado Murillo.

January–March 2016

Researcher.

Initiative: Investigations on Costa Rican avifauna.

Location: protected areas of Costa Rica.

Institutions: Department of Life Sciences (University of Modena and Reggio Emilia), Foreste per Sempre NGO, National System of Conservation Areas of Costa Rica (SINAC).

Reference person: Dr. Celso Alvarado Murillo.

September 2015

Field instructor and speaker.

Initiative: 4th International Workshop on Scalidophora.

Location: Ferrol, Galicia, Spain.

Institutions: Complutense University of Madrid; University of Santiago de Compostela.

Reference person: Prof. Fernando Pardos.

October–December 2011

Researcher.

Initiative: Framework of the Master's Program "Interculturality in health, social, welfare and integration practices".

Location: Burkina Faso (West Africa).

Institutions: Department of Diagnostic, Clinical and Public Health Medicine (University of Modena and Reggio Emilia), Fondation Diban Promo-Salus (FoDi.PS) NGO.

Reference persons: Dr. Bruno Ciancio; Prof. Giovanni Guaraldi; Dr. fr. Charles Niamba.

January–February 2009

Visiting researcher.

Initiative: PhD mobility program.

Location: Stockholm, Sweden.

Institutions: Department of Invertebrate Zoology and Molecular Biology Laboratory of the Swedish Museum of Natural History (Naturhistoriska Riksmuseet), Stockholm University, Sweden.

Reference person: Prof. Ulf Jondelius.

TEACHING ACTIVITIES

Academic Year 2023/2024

Adjunct professor.

Course: "*Conservation and Management of Animal Biodiversity*".

Degree: Master's Degree in Experimental and Applied Biology.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Academic Year 2022/2023

Adjunct professor.

Course: "*Fauna of Italy*".

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Academic Year 2022/2023

Adjunct professor.

Course: “*Conservation and Management of Animal Biodiversity*”.

Degree: Master's Degree in Experimental and Applied Biology,

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Academic Year 2021/2022

Adjunct professor.

Course: “*Zoology*”.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Academic Year 2021/2022

Adjunct professor.

Course: “*Fauna of Italy*”.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Academic Year 2021/2022

Adjunct professor.

Course: “*Conservation and Management of Animal Biodiversity*”.

Degree: Master's Degree in Experimental and Applied Biology,

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Academic Year 2020/2021

Adjunct professor.

Course: “*Methods of Faunistic Investigations*”.

Degree: Master's Degree in Natural Sciences.

Institution: Department of Biology, University of Padua.

Academic Year 2019/2020

Adjunct professor.

Course: “*Methods of Faunistic Investigations*”.

Degree: Master's Degree in Natural Sciences.

Institution: Department of Biology, University of Padua.

October–December 2018

Adjunct professor.

Course: module “*Vertebrate Phylogeny*” (within “*Comparative Anatomy*” course).

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Academic Year 2017/2018

Lecturer.

Course: module “*International cooperation*”.

Degree: First-level Master “Interculturality in health, social, welfare and integration practices”. Institution: Department of Diagnostic, Clinical and Public Health Medicine, University of Modena and Reggio Emilia.

Coordinator: Dr. Bruno Ciancio.

Academic Year 2016/2017

Lecturer.

Course: module “*International cooperation*”.

Degree: First-level Master “Interculturality in health, social, welfare and integration practices”. Institution: Department of Diagnostic, Clinical and Public Health Medicine, University of Modena and Reggio Emilia.

Coordinator: Dr. Bruno Ciancio.

September 2015–August 2016

High school Teacher.

Course: Natural Sciences, Chemistry and Geography, Microbiology (MIUR class A-50).

Institution: Liceo Classico "Sacro Cuore" (School Code: MOPC005006) and Liceo Scientifico "Sacro Cuore" (School Code: MOPS02500E), Modena.

September 2014–August 2015

High school Teacher.

Course: Natural Sciences, Chemistry and Geography, Microbiology (MIUR class A-50).

Institution: Liceo Classico "Sacro Cuore" (School Code: MOPC005006) and Liceo Scientifico "Sacro Cuore" (School Code: MOPS02500E), Modena.

April–June 2014

High school Teacher.

Course: Natural Sciences, Chemistry and Geography, Microbiology (MIUR class A-50).

Institution: Liceo Classico "Sacro Cuore" (School Code: MOPC005006) and Liceo Scientifico "Sacro Cuore" (School Code: MOPS02500E), Modena.

November 2012–June 2016

Coordinator.

Course: University entrance exam preparation.

Institution: Liceo Scientifico "Sacro Cuore" (School Code: MOPS02500E), Modena.

October 2012

High school Teacher.

Course: Natural Sciences, Chemistry and Geography, Microbiology (MIUR class A-50).

Institution: Liceo Classico "S. Carlo", Modena (School Code: MOPC020008).

October 2011

Middle school Teacher.

Course: Mathematics and Science (MIUR class A-28).

Institution: "Fabriani" Middle School, Spilamberto (Modena) (School Code: MOIC81800T).

May–June 2008

Middle school Teacher.

Course: Mathematics and Science (MIUR class A-28).

Institution: "Cavour" Middle School in Modena (School Code: MOMM84101X).

TEACHING APPOINTMENTS AT FOREIGN UNIVERSITIES AND RESEARCH INSTITUTES**January-February 2025**

Instructor.

Initiative: Theoretical-practical course "Field School 2025".

Location: National Parks and Reserves of Costa Rica.

Institutions: Department of Chemical and Geological Sciences and Department of Life Sciences (University of Modena and Reggio Emilia), National System of Conservation Areas of Costa Rica (SINAC).

Reference person: Dr. Celso Alvarado Murillo.

January-February 2024

Instructor.

Initiative: Theoretical-practical course "Field School 2024".

Location: National Parks and Reserves of Costa Rica.

Institutions: Department of Chemical and Geological Sciences and Department of Life Sciences (University of Modena and Reggio Emilia), National System of Conservation Areas of Costa Rica (SINAC).
Reference person: Dr. Celso Alvarado Murillo.

January-February 2023

Instructor.

Initiative: Theoretical-practical course "Field School 2023".

Location: National Parks and Reserves of Costa Rica.

Institutions: Department of Chemical and Geological Sciences and Department of Life Sciences (University of Modena and Reggio Emilia), National System of Conservation Areas of Costa Rica (SINAC).

Reference person: Dr. Celso Alvarado Murillo.

January-February 2020

Instructor.

Initiative: Theoretical-practical course "Field School 2020".

Location: National Parks and Reserves of Costa Rica.

Institutions: Department of Chemical and Geological Sciences and Department of Life Sciences (University of Modena and Reggio Emilia), National System of Conservation Areas of Costa Rica (SINAC).

Reference person: Dr. Celso Alvarado Murillo.

January-February 2019

Instructor and lecturer.

Initiative: Theoretical-practical course on Scalidophora.

Location: Pontal do Sul, Paraná, Brazil.

Institution: Federal University of Paraná, Brazil.

Reference person: Prof. Maikon Di Domenico.

January 2019

Instructor and lecturer.

Initiative: Theoretical-practical course on meiofauna and Kinorhyncha.

Location: San José and protected natural areas of Costa Rica.

Institution: Department of Biology, University of Costa Rica.

Reference person: Prof. Jeffrey A. Sibaja-Cordero.

September 2015

Instructor and lecturer.

Initiative: Theoretical-practical course on Scalidophora.

Location: Ferrol, Galicia, Spain.

Institutions: Complutense University of Madrid and University of Santiago de Compostela

Reference person: Prof. Fernando Pardos.

INVITED ACADEMIC SEMINARS/LECTURES

April 2025

"Avifauna: survey techniques and management strategies".

Course: Management of Bioresources and Ecosystem Services.

Degree: Master's Degree in Biosciences.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

March 2025

"Management of hunting and fishing activities".

Course: Management of Bioresources and Ecosystem Services.

Degree: Master's Degree in Biosciences.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

March 2025

"Management of fauna in urban areas".

Course: Management of Bioresources and Ecosystem Services.

Degree: Master's Degree in Biosciences.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

May 2021

"The avifauna of habitats of community interest in Italy".

Course: Applied Zoology.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

December 2020

"Methods for wildlife field investigations".

Course: Conservation and Management of Animal Biodiversity.

Degree: Master's Degree in Experimental and Applied Biology.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

May 2020

"The avifauna of habitats of community interest in Italy".

Course: Applied Zoology.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

April-May 2020

"Approaches to identification, survey and conservation of wildlife in Italy".

Course: Seminar series (4 seminars).

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. Annalisa Ferretti.

December 2019

"Methods for wildlife field investigations".

Course: Conservation and Management of Animal Biodiversity.

Degree: Master's Degree in Experimental and Applied Biology.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

May 2019

"Migrations of avifauna in Italy".

Course: Fauna of Italy.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

December 2018

"Methods for wildlife field investigations".

Course: Conservation and Management of Animal Biodiversity.

Degree: Master's Degree in Experimental and Applied Biology.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

October 2018

"Field study techniques: a journey to the heart of Central American tropical environments".

Course: Ecology.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Ivano Ansaloni.

January 2018

"Meiofauna: a useful tool for biomonitoring and a frontier in zoological research".

Event: Academic plenary lecture.

Institutions: Department of Biology and Center for Research in Marine Sciences and Limnology, University of Costa Rica, San José, Costa Rica.

Reference person: Prof. Jeffrey A. Sibaja-Cordero.

November 2018

"Planning in international cooperation: potentials and challenges".

Degree: First-level Master "Interculturality in health, social, welfare and integration practices".

Institution: Department of Diagnostic, Clinical and Public Health Medicine, University of Modena and Reggio Emilia.

Reference person: Dr. Bruno Ciancio.

November 2017

"Planning in international cooperation: potentials and challenges".

Degree: First-level Master "Interculturality in health, social, welfare and integration practices".

Institution: Department of Diagnostic, Clinical and Public Health Medicine, University of Modena and Reggio Emilia.

Reference person: Dr. Bruno Ciancio.

October 2015

"Planning in international cooperation".

Event: Round table on international cooperation.

Degree: First-level Master "Interculturality in health, social, welfare and integration practices".

Institution: Department of Diagnostic, Clinical and Public Health Medicine, University of Modena and Reggio Emilia.

Moderator: Prof. Aldo Tomasi.

November 2014

"The study of ornithofauna in Italy".

Course: Biodiversity Conservation

Degree: Master's Degree in Environmental Sciences and Territory and Bachelor's Degree in Natural Sciences.

Institution: Department of Earth Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

November 2013

"The avifauna of Italy".

Course: Biodiversity Conservation

Degree: Master's Degree in Environmental and Territory Sciences and Bachelor's Degree in Natural Sciences.

Institution: Department of Earth Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

November 2007

"Use of macrophytes in monitoring inland waters".

Course: Phytomonitoring.

Degree: Master's Degree in Environmental and Territory Sciences.

Institution: Department of Paleobiology and Botanical Garden, University of Modena and Reggio Emilia.

Reference person: Prof. Piera Medeghini Bonatti.

November 2006

"Monitoring of macrophytes in inland waters".

Course: Phytomonitoring.

Degree: Master's Degree in Environmental and Territory Sciences.

Institution: Department of Paleobiology and Botanical Garden, University of Modena and Reggio Emilia.

Reference person: Prof. Piera Medeghini Bonatti.

THESIS AND INTERNSHIP SUPERVISION**April 2009–present**

Supervisor/Co-supervisor/External Supervisor in:

- 85 Bachelor's Degree theses in Natural Sciences / Biological Sciences (University of Modena and Reggio Emilia)
- 13 Master's Degree theses in Biological Sciences / Experimental and Applied Biology / Biosciences / Environmental and Territory Sciences / S4EDU - Education and Communication of Sciences (University of Modena and Reggio Emilia)
- 1 Master's Degree thesis in Ecology and Nature Conservation (University of Parma)
- 1 Master's Degree thesis in Natural Sciences (University of Padua)

Main thematic areas of theses (in alphabetical order):

Biomonitoring

Herpetology

Ichthyology

Invertebrate Ecology

Invertebrate Systematics

Mammalogy

Museology

Ornithology

Vertebrate Eco-ethology

Wildlife Conservation and Management

Zoological Research Dissemination

Main university (co-)supervisors (in alphabetical order):

University of Modena and Reggio Emilia

Dr. Ivano Ansaloni

Prof. Aurora Pederzoli

Dr. Luigi Sala

Prof. Dario Sonetti

Prof. M. Antonio Todaro

University of Palermo

Prof. Daniela Campobello

University of Parma
Prof. Stefano Leonardi

University of Udine
Prof. Stefano Filacorda

January 2008–present

Scientific Tutor in over 100 academic internships.

OTHER ACADEMIC TEACHING ACTIVITIES

Academic Year 2024/2025

Supplementary teaching.

Course: Management of Bioresources and Ecosystem Services.

Degree: Master's Degree in Biosciences.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

Academic Year 2023/2024

Supplementary teaching.

Course: Management of Bioresources and Ecosystem Services.

Degree: Master's Degree in Biosciences.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

Academic Year 2018/2019

Co-referent.

Course: Zoology.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

Academic Year 2018/2019

Co-organizer.

Initiative: Field activities.

Courses: Fauna of Italy, Zoology.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference persons: Dr. Luigi Sala, Prof. M. Antonio Todaro.

Academic Year 2018/2019

Co-organizer.

Initiative: Field activities.

Course: Conservation and Management of Animal Biodiversity.

Degree: Master's Degree in Experimental and Applied Biology.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

Academic Year 2017/2018

Co-referent.

Course: Zoology.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

Academic Year 2016/2017

Co-organizer.

Initiative: Field activities.

Course: Conservation and Management of Animal Biodiversity.

Degree: Master's Degree in Experimental and Applied Biology.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

Academic Year 2016/2017

Co-referent.

Course: Zoology.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

Academic Year 2015/2016

Co-organizer.

Initiative: Field activities.

Course: Conservation and Management of Animal Biodiversity.

Degree: Master's Degree in Experimental and Applied Biology.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

Academic Year 2014/2015

Co-organizer.

Initiative: Field activities.

Course: Conservation and Management of Animal Biodiversity.

Degree: Master's Degree in Experimental and Applied Biology.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

Academic Year 2013/2014

Co-organizer.

Initiative: Field activities.

Course: Biodiversity Conservation.

Degree: Master's Degree in Environmental and Territory Sciences; Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference person: Dr. Luigi Sala.

Academic Year 2009/2010

Co-referent.

Course: Conservation of Nature and Bioresources.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Biology, University of Modena and Reggio Emilia.

Reference person: Prof. Marina Mauri.

Academic Year 2009/2010

Co-referent.

Courses: Zoology; Invertebrate Zoology.

Degree: Bachelor's Degree in Natural Sciences.
Institution: Department of Biology, University of Modena and Reggio Emilia.
Reference person: Prof. M. Antonio Todaro.

Academic Year 2008/2009

Co-referent.

Courses: Zoology; Invertebrate Zoology.

Degree: Bachelor's Degree in Natural Sciences.

Institution: Department of Biology, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

TEACHING SUPPORT ASSIGNMENTS

October 2022–June 2023

Initiative: Orientation and tutoring activities.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. Anna Maria Mercuri.

May 2018–May 2019

Initiative: Promotion of the Bachelor's Degree in Natural Sciences and the Master's Degree S4EDU - Education and Communication of Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. Annalisa Ferretti.

Academic Year 2005/2006

Initiative: Member of the Teaching Committee and the Self-assessment Group of the Master's Degree in Environmental and Territory Sciences.

Institution: Department of Earth Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. Maria Franca Brigatti.

May 2002–June 2007

Initiative: University orientation activities for high school students.

Institution: Department of Earth Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. Maria Franca Brigatti.

April 2001–March 2007

Initiative: Student representant in the Degree Course Councils of Natural Sciences and Environmental and Territory Sciences.

Institution: Department of Earth Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. Maria Franca Brigatti.

October 2001–November 2006

Initiative: Pair tutoring for students of the Bachelor's Degree in Natural Sciences.

Institution: Department of Earth Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. Maria Franca Brigatti.

OTHER PAID TEACHING ACTIVITIES

October 2013–May 2014

Activity: Scientific Guide for University and High and Middle School's students.
Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.
Reference person: Dr. Andrea Gambarelli.

October 2010–May 2011

Activity: Scientific Guide for University and High and Middle School's students.
Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.
Reference person: Dr. Andrea Gambarelli.

October 2009–May 2010

Activity: Scientific Guide for University and High and Middle School's students.
Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.
Reference person: Dr. Andrea Gambarelli.

October 2008–May 2009

Activity: Scientific Guide for University and High and Middle School's students.
Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.
Reference person: Dr. Andrea Gambarelli.

October 2007–May 2008

Activity: Scientific Guide for University and High and Middle School's students.
Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.
Reference person: Prof. Maria Agnese Sabatini.

October 2005–May 2006

Activity: Scientific Guide for University and High and Middle School's students.
Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.
Reference person: Prof. Maria Agnese Sabatini.

October 2004–May 2005

Activity: Scientific Guide for University and High and Middle School's students.
Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.
Reference person: Prof. Maria Agnese Sabatini.

CONFERENCE PRESENTATIONS

May 2025

"One against all, all against one".
Location/date: Modena, May 7, 2025.
Initiative: Conference "Alien animals and conservation of native fauna".
Institution: University of Modena and Reggio Emilia.

December 2024

"The ZEROIAS-Turtles project and synergies with LIFE URCA PROEMYS".
Location/date: Bologna, December 6, 2024.
Initiative: Conference "Invasive exotic species: present knowledge and management interventions".
Institution: Emilia-Romagna Region.

September 2024

"Conservation of Emys orbicularis in Italy: a shared Action Plan" (Speaker and moderator).
Location/date: Perugia, September 15, 2024.

Initiative: Conference roundtable.
Institutions: Societas Herpetologica Italica; University of Perugia.

September 2022

“The herpetofauna of a threatened and under-investigated region of Costa Rica: diversity and conservation”.

Location/date: Torino, September 20, 2022.

Initiative: Conference.

Institutions: Societas Herpetologica Italica; University of Torino.

February 2019

“New species of Condyloderes (Kinorhyncha: Cyclorhagida) from the Mediterranean Sea”.

Location/date: Pontal do Sul, Paraná, Brazil, February 7, 2019.

Initiative: 15th International Workshop on Scalidophora.

Institution: Federal University of Paraná, Brazil.

Reference person: Prof. Maikon Di Domenico.

August 2016

“First data from bird monitoring at Karen Mogensen Reserve, northwestern Costa Rica”.

Location/date: Milano, August 30, 2016

Initiative: Congress.

Institutions: Italian Society of Ecology; Italian Zoological Union; Italian Biogeography Society; University of Milano Bicocca.

September 2015

“Kinorhyncha from Italy, a revision of the current checklist and an account of recent investigations”.

Location/date: Ferrol, Galicia, Spain, September 15, 2015.

Initiative: 14th International Workshop on Scalidophora.

Institutions: Complutense University of Madrid; University of Santiago de Compostela.

September 2015

“Organic enrichment effects on a marine meiofauna community, focusing on Kinorhyncha”.

Location/date: Ferrol, Galicia, Spain, September 14, 2015.

Initiative: 14th International Workshop on Scalidophora.

Institutions: Complutense University of Madrid; University of Santiago de Compostela.

September 2013

“An aberrant new genus of Kinorhyncha, with analysis of its phylogenetic position and internal relationships within the phylum”.

Location/date: Modena, September 20, 2013.

Initiative: Congress.

Institutions: Italian Zoological Union; University of Modena and Reggio Emilia.

September 2008

“Effects of fish farming on meiofauna: focus on Kinorhyncha”.

Location/date: Trapani, September 20, 2008.

Initiative: Conference “Effects of fish farming on the environment”.

Institution: University Consortium of Trapani.

September 2007

“Effects of fish farming on meiobenthic communities,”

Location/date: Castellammare del Golfo (Trapani), September 15, 2007.

Initiative: Conference “Enhancement and development of guidelines for the evaluation of environmental effects of fish farming”.

Institution: Institute of Marine Biology of Trapani; University of Palermo.

PROJECTS PARTICIPATION

January 2025–present

Title: “*HERP-ER - Diversity and conservation of Emilia-Romagna herpetofauna*”.

Funding: PNRR, spoke “Biodiversity.”

Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; Foreste per Sempre NGO; Central Emilia Parks and Biodiversity Management Authority.

Reference person: Prof. M. Antonio Todaro.

January 2025–present

Title: “*Regional Fishery Management Chart*”.

Funding: Emilia-Romagna Region.

Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; Emilia-Romagna Region.

Reference persons: Prof. M. Antonio Todaro; Dr. Rubina Sirri.

January 2023–December 2024

Title: “*ZEROIAS-Turtles - Zero Invasive Alien Species in Emilia-Romagna. Strategy for alien turtles*”.

Funding: Emilia-Romagna Region.

Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; Emilia-Romagna Region.

Reference persons: Prof. M. Antonio Todaro; Dr. Monica Palazzini.

October 2022–present

Title: “*URCA PROEMYS - URgent Conservation Actions for Emys orbicularis in Italy and Slovenia*”.

Funding: European Union LIFE Programme.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia; World Wide Fund for Nature (WWF) - Italy; Central Emilia Parks and Biodiversity Management Authority.

Reference persons: Prof. M. Antonio Todaro; Dr. Andrea Agapito Ludovici.

November 2021–April 2024

Title: “*Sexy Code - Mechanisms of sexual selection and role of microbiome in a brood parasite (Cuculus canorus)*”.

Funding: Department of Biology, University of Palermo.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia; Department of Biology, University of Palermo.

Reference person: Prof. Daniela Campobello.

December 2019–present

Title: “*Checklist of Italian fauna*”. (Referent for the phylum Kinorhyncha)

Institutions: Scientific Committee for Italian Fauna; National Research Council (CNR); LifeWatch Italy.

Reference person: Dr. Fabio Stoch.

October 2019–present

Title: “*Sharing and use of ichthyological data and knowledge*”.

Funding: Emilia-Romagna Region.

Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; Emilia-Romagna Region.

Reference persons: Prof. M. Antonio Todaro; Dr. Rubina Sirri.

May 2018–present

Title: “*Amphibian survey in the Tuscan-Emilian Apennine National Park*”.

Funding: Tuscan-Emilian Apennine National Park.

Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; Tuscan-Emilian Apennine National Park.

Reference persons: Prof. M. Antonio Todaro; Dr. Willy Reggioni.

January 2019–January 2024

Title: “*Ecology of sandy beaches and rocky intertidal areas of Costa Rica*”.

Funding: Center for Research in Marine Sciences and Limnology, University of Costa Rica.

Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; Center for Research in Marine Sciences and Limnology (CIMAR), University of Costa Rica.

Reference persons: Prof. M. Antonio Todaro; Prof. Jeffrey A. Sibaja-Cordero.

January–February 2018

Title: “*Marine benthic meiofauna of Costa Rica*”.

Funding: Center for Research in Marine Sciences and Limnology, University of Costa Rica.

Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; Center for Research in Marine Sciences and Limnology (CIMAR), University of Costa Rica.

Reference persons: Prof. M. Antonio Todaro; Prof. Jeffrey A. Sibaja-Cordero.

July 2017

Title: “*Taxonomic survey of Centroderidae for in-group phylogenetic analysis of Kinorhyncha*”.

Funding: CE Synthesys Project, code DE-TAF-6639.

Institution: Museum für Naturkunde (Leibniz Institute for Evolutionary and Biodiversity Research), Berlin, Germany.

Reference person: Dr. Birger Neuhaus.

October 2016–May 2017

“*Study and dissemination of climate change effects on tropical birds as indicators of biodiversity status*”.

Institutions: Ministry of Environment and Energy of Costa Rica (MINAE); National System of Conservation Areas (SINAC) of Costa Rica.

Reference person: Dr. Celso Alvarado Murillo.

October 2015–September 2017

“*CLIMBIO - Study and dissemination of climate change effects on tropical biodiversity*”.

Funding: Fondazione Cassa di Risparmio di Modena.

Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; Foreste per Sempre NGO.

Reference person: Prof. Aurora Pederzoli.

October 2013–July 2014

“*Tiome - Integrated Taxonomy of Meiofaunal Organisms*”.

Funding: ISPRA (Italian Institute for Environmental Protection and Research).

Institutions: Department of Life Sciences (University of Modena and Reggio Emilia); ISPRA (Italian Institute for Environmental Protection and Research).

Reference person: Prof. M. Antonio Todaro.

October 2012–October 2019

“*Recovery and restoration of European pond turtle (*Emys orbicularis*) populations in the plains of Modena and Reggio Emilia*”.

Funding (partially): Emilia-Romagna Region.

Institutions: Department of Life Sciences (University of Modena and Reggio Emilia); Central Emilia Parks and Biodiversity Management Authority.

Reference person: Dr. Luigi Sala.

September 2012–May 2023

“*Monitoring the effects of the offshore FSRU Toscana regasification plant on meiofauna*”.

Funding: Consortium for the Interuniversity Center for Marine Biology and Applied Ecology “G. Bacci”, Livorno (CIBM).

Institutions: Consortium for the Interuniversity Center for Marine Biology and Applied Ecology “G. Bacci”, Livorno (CIBM); Department of Life Sciences, University of Modena and Reggio Emilia. Supervisor: Prof. Carlo Pretti.

June 2011–December 2012

“Biotome - Biotaxonomy of Meiofaunal Organisms”.

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

April–September 2011

*“Recovery of Tench (*Tinca tinca*) populations in the province of Modena”.*

Funding: Province of Modena.

Institutions: Department of Biology, University of Modena and Reggio Emilia; Wildlife Management Office, Province of Modena.

Reference person: Dr. Luigi Sala.

November–December 2009

*“Crayfish - Faunistic-conservation study of *Austropotamobius pallipes* in the territory of Modena”.* Funding:

Institutions: Department of Biology, University of Modena and Reggio Emilia; Wildlife Management Office, Province of Modena.

Reference person: Dr. Luigi Sala.

June 2008–June 2009

“Integrated approach to the identification of problematic taxa of marine meiofauna”.

Funding: Italian Ministry for University and Research - MIUR-2007 PRIN.

Institution: Department of Biology, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

January 2008–present

“Darwin Faunistic Database Implementation”.

Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; Wildlife Management Office; Province of Modena; Central Emilia Parks and Biodiversity Management Authority.

Reference person: Dr. Luigi Sala.

June 2007–June 2015

“Investigations on the effects of the offshore LNG Adriatic regasification plant on meiofauna”.

Funding: Central Institute for Scientific and Technological Research Applied to Marine Environment (ICRAM).

Institutions: Department of Biology, University of Modena and Reggio Emilia; Central Institute for Scientific and Technological Research Applied to Marine Environment (ICRAM).

Reference person: Prof. M. Antonio Todaro.

May 2007–December 2008

“Investigations on the effects of fish farming on marine meiofauna”.

Funding: University Consortium of Trapani.

Institutions: Department of Biology, University of Modena and Reggio Emilia; University Consortium of Trapani.

Reference persons: Prof. M. Antonio Todaro; Prof. Andrea Santulli.

June 2005–February 2007

“Contribution of meiofauna to the marine biodiversity of Italian coasts”.

Funding: Italian Ministry for University and Research - MIUR-2004 PRIN.

Institution: Department of Biology, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

January 2004–September 2006

“Ungulate census in the territory of Modena”.

Funding: Wildlife Management Office, Province of Modena.

Institutions: Wildlife Management Office, Province of Modena; GECO Faunistic Professional Firm.

Reference person: Dr. Riccardo Fontana.

January 2001–present

“*International Waterbird Census*”.

Funding: Wetlands International.

Institutions: Italian Institute for Wildlife Management (INFS); Italian Institute for Environmental Protection and Research (ISPRA); Wetlands International.

Reference persons: Dr. Nicola Baccetti, Dr. Marco Zenatello.

February 1997–February 1999

“*The avifauna of the city of Modena*”.

Institution: Italian League for Bird Protection (LIPU), Modena section.

Reference person: Enrico Selmi.

EDITORIAL ACTIVITIES**September 2023–present**

Official reviewer/member of the Editorial Board for the following international journals:

- Community Ecology
- Frontiers in Zoology
- Journal of Biogeography
- Journal of the Marine Biological Association of the United Kingdom
- Zoologischer Anzeiger

February 2021–present

Member of the Topical Advisory Panel of the international journal *Diversity*.

https://www.mdpi.com/journal/diversity/topical_advisory_panel

June 2013–present

Peer reviewer for the following international journals (in alphabetical order):

1. Biological Journal of the Linnean Society
 2. Cahiers de Biologie Marine
 3. Frontiers in Marine Science
 4. Helgoland Marine Research
 5. Journal of Experimental Marine Biology and Ecology
 6. Marine Biodiversity
 7. Marine Biology Research
 8. Natural History Sciences
 9. Organism Diversity and Evolution
 10. Scientific Reports
 11. ZooKeys
 12. Zoologischer Anzeiger
 13. Zootaxa
-

AWARDS AND RECOGNITIONS

February 2025

Recognition for research and teaching activity.

Institutions: National System of Conservation Areas (SINAC); Arenal Tempisque Conservation Area (ACAT), Costa Rica.

February 2024

Recognition for research and teaching activity.

Institutions: National System of Conservation Areas (SINAC); Arenal Tempisque Conservation Area (ACAT), Costa Rica.

February 2023

Recognition for research and teaching activity.

Institutions: National System of Conservation Areas (SINAC); Arenal Tempisque Conservation Area (ACAT), Costa Rica.

November 2022

Dedicated a new animal species in recognition of scientific activity (*Echinoderes dalzottoi* Grzelak & Sørensen, 2022).

February 2020

Recognition for research and teaching activity.

Institutions: National System of Conservation Areas (SINAC); Arenal Tempisque Conservation Area (ACAT), Costa Rica.

August 2016

Selected for best poster presentation.

Institutions: Italian Society of Ecology-Italian Zoological Union-Italian Biogeography Society.

October 2013

Award for scientific production focused on phylogenetic topics.

Institution: Italian Zoological Union.

May 2011 (and following years)

Title of Subject Expert of Zoology (“Cultore della materia - Zoologia”).

Institutions: Department of Biology and Department of Life Sciences, University of Modena and Reggio Emilia.

December 2010

Recognition for research activity carried out throughout the PhD course.

Institution: PhD Board in Evolutionary Biology and Environment, Department of Biology, University of Modena and Reggio Emilia.

February 2007

Recognition and commendation for thesis and academic career.

Institution: Council of the Master’s Degree in Environmental and Territory Sciences, Department of Earth Sciences, University of Modena and Reggio Emilia.

October 2004

Recognition and commendation for thesis and academic career.

Institution: Council of the Bachelor’s Degree in Natural Sciences, Department of Earth Sciences, University of Modena and Reggio Emilia.

PUBLIC ENGAGEMENT ACTIVITIES

September 2025

Initiative: Participation to “Notte della Ricerca” with an interactive presentation titled “One against all, all against one: a challenge in our waters.”

Institution: University of Modena and Reggio Emilia.

September 2024

Initiative: Participation to “Notte della Ricerca” with an interactive presentation titled “One against all, all against one: a challenge in our waters.”

Institution: University of Modena and Reggio Emilia.

January 2024–present

Initiative: Awareness and dissemination events in the framework of the projects LIFE URCA PROEMYS and ZEROIAS-Turtles.

Institutions: University of Modena and Reggio Emilia; Emilia-Romagna Region.

September 2023

Initiative: Participation to “Notte della Ricerca” with an interactive presentation titled “UNIMORE explores tropical forests – Research projects in Costa Rica.”

Institution: University of Modena and Reggio Emilia.

November 2022

Initiative: Speaker at the meeting “Urban biodiversity between conservation and management: focus on fauna”.

Institution: Gruppo Modenese di Scienze Naturali NGO.

Coordinator: Dr. Mauro Ferri.

September 2022

Initiative: Participation to “Notte dei Ricercatori” with an interactive presentation titled “UNIMORE explores tropical forests – Research projects in Costa Rica.”

Institution: University of Modena and Reggio Emilia.

September 2021

Initiative: Roundtable “Conserving biodiversity in cities,” organized within Entomodena – International Meeting on Entomology and Invertebrates, Modena.

Institution: Gruppo Modenese di Scienze Naturali NGO.

Coordinator: Lucio Saltini.

May 2020–present

Initiative: Promotion of the “Italia – Costa Rica” Research Station (Karen Mogensen Reserve, Costa Rica) via the website www.biometeo.org.

Institution: Foreste per Sempre NGO.

January 2020–present

Initiative: Promotion of the educational-training initiative “Field School” (Bachelor’s Degree in Natural Sciences and Bachelor’s Degree in Biosciences).

Institution: Department of Chemical and Geological Sciences and Department of Life Sciences, University of Modena and Reggio Emilia.

May 2019

Initiative: Co-creation of the Facebook page for the Master’s Degree course S4EDU - Education and Communication of Sciences (<https://www.facebook.com/S4EDU-886192838392335/>).

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Coordinators: Prof. Annalisa Ferretti, Prof. Daniele Malferrari.

March 2019

Initiative: Participation to the 12th edition of UNIMORE Orienta as representant of the Bachelor's Degree in Natural Sciences.

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Coordinators: Prof. Annalisa Ferretti, Prof. Daniele Malferrari.

September 2018

Initiative: Participation to the "Notte dei Ricercatori" with a presentation titled "Biodiversity of wetlands: threatened native species and invasive alien species."

Institution: University of Modena and Reggio Emilia.

September 2017

Initiative: Participation to the "Notte dei Ricercatori" with a presentation titled "Biodiversity and environmental changes: UNIMORE research in Central American tropical forests."

Institution: University of Modena and Reggio Emilia.

May 2017

Initiative: Creation of the exhibition "Environment, Biodiversity, Climate".

Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.

April 2017

Initiative: Roundtable "Climate, environment and fauna" organized within Entomodena – International Meeting on Entomology and Invertebrates, Modena.

Institution: Gruppo Modenese di Scienze Naturali NGO.

Coordinator: Lucio Saltini.

May 2017

Initiative: Outreach activity during "Nessun dorma – Notte Bianca 2017".

Institutions: Municipality of Modena; Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.

February 2017

Initiative: Outreach activity during "Darwin Day 2017".

Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.

October-November 2016

Initiative: Outreach activities during "Atomi e Bits" – Mese della Scienza.

Institutions: Municipality of Modena; Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.

May 2016

Initiative: Outreach activities during "Nessun dorma – Notte Bianca 2017".

Institutions: Municipality of Modena; Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.

April 2016

Initiative: Creation and Managing of the Facebook page of Climbio project (Climate & Biodiversity) (<https://it-it.facebook.com/pg/ClimbioProject/posts/>).

Institution: Department of Life Sciences, University of Modena and Reggio Emilia.

October 2015

Initiative: Roundtable "International cooperation".

Institution: Department of Diagnostic, Clinical and Public Health Medicine, University of Modena and Reggio Emilia.

March 2008

Initiative: Outreach activity during the Scientific Culture Week,

Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.

September 2007

Initiative: Outreach activity within “Museums for play” (6th edition of Documentaria).

Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.

May 2007

Initiative: Outreach activity during the Scientific Culture Week.

Institution: Museum of Zoology and Comparative Anatomy, University of Modena and Reggio Emilia.

July 2004

Initiative: Member of the staff of the 12th International Meiofauna Conference (Ravenna, July 11-16, 2004).

Institution: International Association of Meiobenthologists.

March 2003

Initiative: Co-organization of the exhibition “Insects and Cultural Heritage”.

Institution: Department of Animal Biology, University of Modena and Reggio Emilia.

EDUCATION AND ACADEMIC DEGREES**July 2018**

National scientific qualification for the role of Associate Professor, sector: 05/B1 – Zoology and Anthropology; scientific-disciplinary sector: BIO/05.

October 2013

Qualification for teaching “Natural, chemical and biological sciences” in High Schools – TFA (Active Training Internship - class A050).

Institution: Department of Chemical and Geological Sciences, University of Modena and Reggio Emilia.

Thesis: “*Organic Chemistry: life, resources and environment*”.

Supervisor: Dr. Luca Forti.

Grade: 99/100.

February 2012

First-level University Master “Interculturality in health, social, welfare and integration practices”; specialization: International Cooperation.

Institution: Department of Diagnostic, Clinical and Public Health Medicine, University of Modena and Reggio Emilia.

Thesis: “*Drought and famine: causes and vulnerabilities in a socio-ecological system of Burkina Faso*”.

Supervisor: Prof. Giovanni Guaraldi.

Grade: 110/110.

February 2011

PhD in Evolutionary and Environmental Biology.

Institution: Department of Biology, University of Modena and Reggio Emilia.

Thesis: “*Effects of fish farming on meiobenthic biocenoses, with systematic study of the phylum Kinorhyncha*”.

Supervisor: Prof. M. Antonio Todaro.

February 2007

Master’s Degree in Environmental and Territory Sciences (class 82/S); specialization: Bio-environment.

Institution: Department of Earth Sciences, University of Modena and Reggio Emilia.

Thesis title: “*Biodiversity of meiofauna in Marine Protected Areas, with focus on Gastrotricha*”.
Supervisor: Prof. M. Antonio Todaro.
Grade: 110/110 cum laude and commendation by the Degree’s Council.

October 2004

Bachelor’s Degree in Natural Sciences (class 27); specialization: Conservation of Nature and Bioresources.
Institution: Department of Earth Sciences, University of Modena and Reggio Emilia.
Thesis: “*Use of SEM in the taxonomic study of microinvertebrates, with focus on the phylum Gastrotricha*”.
Supervisor: Prof. M. Antonio Todaro. Co-supervisor: Dr. Massimo Tonelli.
Grade: 110/110 cum laude and commendation by the Degree’s Council.

July 2001

High school diploma.
Institution: Liceo Classico S. Carlo, Modena.
Grade: 100/100.

OTHER QUALIFICATIONS AND CERTIFICATIONS

July 2025

Member of ItaBOL (Italian Barcode of Life), Italian node of DNA barcoding.

April 2025

Member of the Evaluation Unit for solutions to local ecological transition challenges in the “Public Engagement” Program ECOSISTER.
Institution: ART-ER (Attractiveness, Research, Territory – Emilia-Romagna), Emilia-Romagna Region.

November 2023

Member of the Technical Working Group for the “Parco della Resistenza”.
Institution: Environment, Agriculture and Sustainable Mobility Office, Municipality of Modena.

September 2023

Member of the Local Consultation Group for Fishery Management.
Institution: Agriculture, Hunting and Fishery Management Office (Modena and Reggio Emilia Areas), Emilia-Romagna Region.

July 2018

Certification Level A1 of Alpine Mountaineering.
Institution: Italian Alpine Club (CAI), Carpi section (Modena).

October 2016

Member of MOTax network (Marine Organisms Taxonomy).
Institution: European Marine Biological Resource Centre (EMBRC) Infrastructure.

December 2012

Qualification as “Environmental Hiking Guide” (“Guida Ambientale Escursionistica” - GAE); foreign languages specialization: English and French.
Institution: Emilia-Romagna Region.

June 2009

Qualification as “Environmental Expert”.
Institution: Specialization Master by IPSOA Training School (Bologna).

February 2004

Qualification as “Ungulate Monitoring Expert”.
Institution: Province of Modena.

March 2002

Qualification as “Waterbird Monitoring Expert”.
Institution: Italian Institute for Wildlife Management (INFS; now Italian Institute for Environmental Protection and Research - ISPRA).

June 2001

First Certificate in English (FCE).
Institution: Cambridge Centre, Modena section.

August 2000

Qualification as “Expert Hiker”.
Institution: Tourism Promotion Agency of Trentino (Italy).

June 2000

Preliminary English Test (PET).
Institution: Cambridge Centre, Modena section.

COURSES, WORKSHOPS, AND INTERNSHIPS**February 2019**

5th International Workshop on Scalidophora.
Location/date: Pontal do Sul, Brazil, February 1-8, 2019.
Institution: Federal University of Paraná, Brazil.

March-July 2018

Alpinism course (Level A1).
Institution: Italian Alpine Club (CAI), Carpi section (Modena).

July 2018

Course “Emergency management and first aid”.
Duration: 3 hours.
Institution: University of Modena and Reggio Emilia.

October 2016

Workshop “Taxonomy of Marine Organisms: creation of a national integrated service supporting the EMBRC Infrastructure”.
Location/date: Naples, October 26-27, 2016.
Institution: Anton Dohrn Zoological Station, Naples.

September 2015

4th International Workshop on Scalidophora.
Location/date: Ferrol, Spain, September 13-18, 2015.
Institutions: Complutense University of Madrid; University of Santiago de Compostela.

October 2013

Workshop “DNA barcoding”.
Location/date: Modena, October 3, 2013.

Institutions: Department of Biology, University of Modena and Reggio Emilia; Italian Consortium for DNA Barcoding.

March 2013

Course “Meeting others as volunteers: helping relationships”.

Duration: 9 hours.

Institution: Volunteer Service Center of Modena.

February-May 2013

Course “Workplace safety, with focus on specific risks”.

Duration: 12 hours and final exam.

Institution: “Sacro Cuore” Institute, Modena.

February-March 2013

Course “Regional Protected Areas System and Natura 2000 Network” (professional update of Environmental Hiking Guides).

Duration: 8 hours.

Institution: Central Emilia Parks and Biodiversity Management Authority.

October 2012

International workshop “Meta-analysis of biological and ecological data”.

Location/date: Ravenna, October 8-12, 2012.

Institution: University of Bologna.

May-December 2012

Course for qualification as Environmental Hiking Guide (GAE).

Duration: 250 hours and final exam.

Institution: Emilia-Romagna Region.

December 2011

Workshop “DNA barcoding”.

Location/date: Modena, December 16, 2011.

Institutions: Department of Biology, University of Modena and Reggio Emilia; Italian Consortium for DNA Barcoding.

May-October 2011

Chinese language course.

Duration: 3 ECTS and final exam.

Institution: Language Center, University of Modena and Reggio Emilia.

May-September 2011

Arabic language course.

Duration: 3 ECTS and final exam.

Institution: Language Center, University of Modena and Reggio Emilia.

May 2010

SicurMORE – Course “Workplace safety, with focus on specific risks (gas, laser, ionizing radiation, physical, chemical and biological risks)”.

Duration: 16 hours and final exam.

Institution: University of Modena and Reggio Emilia.

March-June 2010

Hebrew language course.

Duration: 3 ECTS and final exam.

Institution: Higher Institute of Religious Sciences “Ferrini”, Modena.

October 2009-March 2012

Biblical-Franciscan School.
Duration: 180 hours.
Institution: Franciscan capuchin Friars, Bologna.
Reference person: Dr. fr. Dino Dozzi.

March-June 2009

Course “Environmental Expert”.
Duration: 70 hours.
Institution: IPSOA Training School, Bologna.

April 2008

International workshop “The implementation of the Water Framework Directive (CE2000/60) in Italy: state of the art on benthic indicators and European experiences”.
Location/date: Ferrara, April 29, 2008.
Institution: Italian Society of Marine Biology (SIBM).

April 2007

Theoretical-practical course on confocal laser microscopy (CLSM).
Duration: 16 hours.
Institution: Interdepartmental Center for Large Instruments, University of Modena and Reggio Emilia.

March-April 2007

Course on Applied Microbiology course.
Duration: 4 ECTS
Institution: Department of Animal Biology, University of Modena and Reggio Emilia.
Reference person: Prof. G. Manicardi.

July 2005-December 2006

Internship on Meiofauna investigation.
Duration: 13 ECTS.
Institution: Department of Animal Biology and Interdepartmental Center for Large Instruments, University of Modena and Reggio Emilia.
Reference person: Prof. M. Antonio Todaro.

April-July 2005

Internship on Environmental Mineralogy.
Duration: 4 ECTS.
Institution: Mineralogy Laboratory, Earth Sciences Department, University of Modena and Reggio Emilia.
Reference person: Prof. Daniele Malferrari.

March-June 2005

Internship on Meteorology.
Duration: 6 ECTS.
Institution: Geophysical Observatory, University of Modena and Reggio Emilia.
Reference person: Luca Lombroso.

December 2003-February 2004

Course for “Ungulate Monitoring Expert”.
Duration: 50 hours and final exam.
Institution: Province of Modena.

October 2003-October 2004

Internship on Meiofauna investigation.
Duration: 8 ECTS.

Institution: Department of Animal Biology and Interdepartmental Center for Large Instruments, University of Modena and Reggio Emilia.

Reference person: Prof. M. Antonio Todaro.

CONFERENCE PARTICIPATION

- **July 2025**
Conference “TESO - Tavolo specie ESOTiche”;
Location/date: Modena, July 8, 2025.
Institution: National Biodiversity Future Center; University of Modena and Reggio Emilia.
- **June 2025**
II EcoHerp Meeting.
Location/date: Peschiera del Garda, June 2025.
Institutions: Italian Gekko Association NGO; Societas Herpetologica Italica.
- **December 2024**
Conference “Invasive Exotic Species: State of Knowledge and Management Interventions”.
Location/date: Bologna, December 6, 2024.
Institution: Emilia-Romagna Region.
- **September 2024**
XV Conference of the Societas Herpetologica Italica.
Location/date: Perugia, September 17-21, 2024.
- **June 2024**
VII European Congress of Conservation Biology.
Location/date: Bologna, June 17-21, 2024.
- **September 2023**
XXI Italian Ornithology Conference - Italian Congress of Ornithology.
Location/date: Varese, September 2023.
- **September 2022**
XIV Conference of the Societas Herpetologica Italica.
Location/date: Turin, September 13-17, 2022.
- **June 2022**
XII Congress of the Italian Association of Theriology.
Location/date: Gran Paradiso National Park, Cogne, June 2022.
- **June 2019**
Conference “Timeless Collections”.
Location/date: Verona, June 28, 2019.
Institution: National Association of Scientific Museums.
- **June 2019**
50th Congress of the Italian Society of Marine Biology.
Location/date: Livorno, June 10-14, 2019.
- **November 2018**
XVII National Congress of the Italian Association of Freshwater Ichthyologists.
Location/date: Rome, November 7-10, 2018.

- **October 2018**
II European Meeting of Young Ornithologists.
Location/date: Turin, October 2018.
Institution: European Ornithological Union.
- **October 2018**
XII Congress of the Societas Herpetologica Italica.
Location/date: Rende, October 2018.
- **October 2017**
XXVII Congress of the National Association of Scientific Museums.
Location/date: Genoa, October 2017.
- **September–October 2017**
XIX Italian Ornithology Conference - Italian Congress of Ornithology.
Location/date: Turin, September 27-October 1, 2017.
- **September 2017**
II Joint Meeting of the Société Zoologique de France and Italian Zoological Union.
Location/date: Turin, September 19-22, 2017.
- **November 2016**
III National Congress on Problematic Fauna.
Location/date: Cesena, November 2016.
- **August–September 2016**
I Congress of the Italian Society of Ecology–Italian Zoological Union–Italian Biogeography Society.
Location/date: Milan, August 30-September 2, 2016.
- **September 2013**
Conference “The iPad at School: Teaching through Technology”.
Location/date: Modena, September 15, 2013.
Institution: Spel-Apple Solution Expert Group.
- **September–October 2013**
LXXIV Congress of the Italian Zoological Union.
Location/date: Modena, September 30-October 3, 2013.
- **March 2013**
Conference “Management of Immigration and Health”.
Location/date: Modena, April 8, 2013.
Institution: University of Modena and Reggio Emilia.
- **October 2012**
Conference “Towards New Models of Wolf Conservation and Management in Italy”.
Location/date: Bologna, October 22, 2012.
Institution: ISPRA (Italian Institute for Environmental Protection and Research).
- **September 2011**
LXXII Congress of the Italian Zoological Union.
Location/date: Bologna, September 5-8, 2011.
- **July 2010**
XIV Meiofauna International Conference.
Location/date: Ghent, Belgium, July 2010.

- **May 2009**
IX Congress of the Italian Society of Marine Biology.
Location/date: Livorno, May 26-29, 2009.
- **March 2009**
Conference “Biological Evolution: Facts and Theories”.
Location/date: Rome, March 3-7, 2009.
Institution: Pontifical Gregorian University.
- **September 2008**
XLIX Congress of the Italian Zoological Union.
Location/date: Senigallia, September 22-25, 2008.
- **September 2007**
XLVIII Congress of the Italian Zoological Union.
Location/date: Lecce, September 24-27, 2007.
- **July 2004**
XII International Meiofauna Conference.
Location/date: Ravenna, July 11-16, 2004.
Institution: International Association of Meiobenthologists.

OTHER TRAINING EXPERIENCES AND UNPAID ACTIVITIES

- **September 2022–present**
President of the international cooperation Foreste per Sempre NGO (<https://www.forestepersempre.it>).
- **March 2017–August 2022**
Member of the Steering Committee of the international cooperation Foreste per Sempre NGO.
- **July 2013–present**
Initiative: Bird monitoring in European Community Importance areas.
Institutions: LIPU ODV (Italian League for Bird Protection); AsOER (Association of Ornithologists of Emilia-Romagna).
- **December 2012–August 2018**
Initiative: Guiding outdoor activities as Environmental Hiking Guide.
- **October 2012–present**
Initiative: Participation in drafting international cooperation projects between EU, African, and Latin American countries.
Institutions: University of Modena and Reggio Emilia and other public and private entities.
- **June 2012–June 2020**
Initiative: Water body monitoring using bioindicators (macroinvertebrates).
Institution: Department of Life Sciences, University of Modena and Reggio Emilia.
- **May 2004–August 2019**
Initiative: Sampling of marine macroinvertebrates.
Institutions: Department of Life Sciences, University of Modena and Reggio Emilia; Central Institute for Scientific and Technological Research Applied to Marine Environment (ICRAM); Consortium for the Interuniversity Center of Marine Biology and Applied Ecology (CIBM).

- **June 2003–August 2004**
Initiative: Speleological activities.
Institution: CAI (Italian Alpine Club), Carpi and Reggio Emilia sections.
- **September 1999–September 2005**
Initiative: Scientific bird ringing (as Trainee ringer).
Institutions: Modena Ornithological Station (S.O.M.); Institute for Environmental Protection and Research (ISPRA, formerly INFS).
- **September 1997–present**
Initiative: Participation to monitoring activities on herpetofauna, theriofauna and ichthyofauna.
Institutions: University of Modena and Reggio Emilia; University of Padua; Institute for Environmental Protection and Research (ISPRA); Municipality of Modena; Province of Modena; LIPU ODV (Italian League for Bird Protection).
- **July 1990–present**
Initiative: High-altitude hiking practice (Alps, Northern Apennines).

PERSONAL SKILLS

Languages

Native language: Italian

Language	European Level	Listening	Reading	Spoken Interaction	Spoken Production	Writing
English	C1 Advanced	C1	C1	C1	C1	C1
Spanish	B2 Intermediate	B2	B2	B2	B2	A2
French	A1 Elementary	B1	A1	A1	A1	A1

English: Obtained the First Certificate in English (FCE) (Cambridge Centre, Modena).

Other languages:

- Arabic: Passed an exam at the University of Modena and Reggio Emilia (3 ECTS).
- Chinese: Passed an exam at the University of Modena and Reggio Emilia (3 ECTS).
- Hebrew: Passed an exam at the Higher Institute of Religious Sciences of Modena (3 ECTS).
- Latin: 7 years of study at Middle and High schools.
- Ancient Greek: 5 years of study at High school.
- German: basic knowledge.

Communication Skills

- Good communication skills, developed through numerous teaching activities, dissemination events, conferences, workshops, seminars

Social Skills

- Good team spirit
- Good oral and written communication skills
- Good dialogue skills in political-institutional contexts
- Good interaction skills, including with people with disabilities and deviances
- Good ability to work in multicultural contexts
- Good mediation skills, including intercultural mediation
- Good counseling skills

Organizational and Managerial Skills

- Aptitude for project and team management
- Supervision of trainees and thesis students in academic settings
- Good leadership skills

Professional Skills

- Experience in writing scientific, technical, and citizen science texts, publications, and presentations
- Organization and implementation of teaching and training activities, also in outdoor contexts

Technical Skills

- Good freehand drawing and digital graphics tablet (Wacom) skills
- Good knowledge of protocols and related field instrumentation used in zoological studies of both vertebrate fauna (birds, mammals, amphibians/reptiles, fish) and invertebrate fauna (insects, macro- and meiofauna)
- Ability to use optical and electron microscopes (S.E.M., E.S.E.M.)
- Good knowledge of statistical tools used in biological-ecological fields
- Knowledge of protocols and equipment used in molecular biology and genetics analyses (DNA extraction, amplification, purification)

IT Skills

Knowledge of:

- Windows
- Office Suite (Word, Excel, PowerPoint, FrontPage)
- Graphic softwares (Adobe Photoshop, Adobe Illustrator, Corel Draw, Corel Photopaint)
- Statistical packages (PRIMER, SigmaStat-SigmaPlot)
- Software for ecology, bioinformatics, evolutionary biology analysis

Artistic Skills

- Freehand drawing and digital graphics tablet skills
 - Photography skills
Several original pictures have been used in: (1) institutional websites (e.g., University of Modena and Reggio Emilia), (2) articles (scientific journals, periodicals, newspapers), (3) brochures and posters (Degree Courses in: Natural Sciences, Biological Sciences, Environmental and Territory Sciences, S4EDU - Education and Communication of Sciences; University of Modena and Reggio Emilia), (4) project dissemination, exhibitions, and other official contexts
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DRIVING LICENSE

Category B (Italy)

ADDITIONAL INFORMATION

Membership in Groups/Associations (in alphabetical order):

- President of Foreste per Sempre NGO (2022–present)
 - AEGEE (Association des Etats Generaux des Etudiants de l'Europe) (2004–2006)
 - ANEC (Association of Ecologists and Naturalists of Castelfranco Emilia) (2013)
 - Italian Alpine Club (CAI) (2002–present)
 - LIPU ODV (Italian League for Bird Protection) (1994–2006)
 - National Geographic Society (2002)
 - Society of Naturalists and Mathematicians of Modena (2001–2020)
 - SHI (Societas Herpetologica Italica) (2019–present)
 - SIBM (Italian Society of Marine Biology) (2020–2023)
 - UZI (Italian Zoological Union) (2016–2019)
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PUBLICATIONS

- Dal Zotto, M., Todaro, M. A. (2008). Checklist of the Flora and Fauna of Italian seas (Part I): Cyclophora. *Biologia Marina Mediterranea* 15: 177-180.
- Todaro, M. A., Dal Zotto, M., Maiorova, A., Adrianov, A. (2009). A new species of *Aspidiophorus* (Gastrotricha, Chaetonotida) from the Russian Far East with a key to marine species of the genus. *Marine Biology Research* 5: 197-203. doi.org/10.1080/17451000802419430.
- Dal Zotto, M., Todaro, M. A. (2009). A new species of *Antygomonas* (Kinorhyncha: Cyclorhagida) from the Tuscan coast. *Biologia Marina Mediterranea* 16: 258-259.
- Dal Zotto, M., Ghiviriga, S., Todaro, M. A. (2010). A new *Tetranchyroderma* (Gastrotricha, Thaumastodermatidae) with triancre from the Mediterranean Sea. *Meiofauna Marina* 18: 41-48.
- Dal Zotto, M., Todaro, M. A. (2010). Fish farming effects on meiofauna: focus on copepods and kinorhynchans. *Vliz Special Publication* 44: 104.
- Dal Zotto, M., Ghiviriga, C. S., Kånneby, T., Jondelius, U., Todaro, M. A. (2010). Probing gastrotrich taxonomy with DNA barcoding. *Vliz Special Publication* 44: 103.
- Leasi, F., Dal Zotto, M., Ghiviriga, C. S., Todaro, M. A. (2010). An integrated approach to the description and systematization of a new genus and species of marine Gastrotricha. *Vliz Special Publication* 44: 145.
- Todaro, M. A., Kånneby, T., Dal Zotto, M., Jondelius, U. (2011). Phylogeny of Thaumastodermatidae (Gastrotricha: Macrotrichida) inferred from nuclear and mitochondrial sequence data. *PLoS ONE* 6: e17892. [doi:10.1371/journal.pone.0017892](https://doi.org/10.1371/journal.pone.0017892).
- Todaro, M. A., Dal Zotto, M., Bownes, S. J., Perissinotto, R. (2011). First records of Gastrotricha from South Africa, with description of a new species of *Halichaetonotus* (Chaetonotida, Chaetonotidae). *ZooKeys* 142: 1-13. [doi: 10.3897/zookeys.142.2036](https://doi.org/10.3897/zookeys.142.2036).
- Todaro, M. A., Dal Zotto, M., Jondelius, U., Hochberg, R., Hummon, W. D., Kånneby, T., Rocha, C. E. F. (2012). Gastrotricha: a marine sister for a freshwater puzzle. *PLoS ONE* 7: e31740. [doi:10.1371/journal.pone.0031740](https://doi.org/10.1371/journal.pone.0031740).
- Dal Zotto, M., Di Domenico, M., Garraffoni, A., Sørensen, M. V. (2013). *Franciscideres* gen. nov. - a new, highly aberrant kinorhynch genus from Brazil, with an analysis of its phylogenetic position. *Systematics and Biodiversity* 11: 303-321. doi.org/10.1080/14772000.2013.819045.
- Dal Zotto, M., Sørensen, M. V. (2013). An aberrant new genus of Kinorhyncha, with analysis of its phylogenetic position and internal relationships within the phylum. *Atti della Società dei Naturalisti e Matematici di Modena* 144: 148.
- Ferri, M., Dal Zotto, M., Sala, L., Todaro, M. A., Barančeková, M., Fontana, R., Lanzi, A., Armaroli, E., Musarò, C., Andina, L., Allegri, M., Adorni, P.L., Peloso, F., Gelmini, L., Levrini, M., De Pietri, A. (2014). Three Sika deer *Cervus nippon* recently hunted in the Emilia-Romagna's area of "A.C.A.T.E.R. West" question the management of Italian *Cervus elaphus* population. *Hystrix* 25: 104.
- Dal Zotto, M. (2015). *Antygomonas caeciliae*, a new kinorhynch from the Mediterranean Sea, with report of mitochondrial genetic data. *Marine Biology Research* 11: 689-702. doi.org/10.1080/17451000.2015.1007872.
- Todaro, M. A., Dal Zotto, M., Leasi, F. (2015). An integrated morphological and molecular approach to the description and systematization of a novel genus and species of Macrotrichida (Gastrotricha). *PLoS ONE* 10: e0130278. [doi:10.1371/journal.pone.0130278](https://doi.org/10.1371/journal.pone.0130278).
- Sørensen, M. V., Dal Zotto, M., Rho, H. S., Herranz M., Sánchez, N., Pardos, F., Yamasaki, H. (2015). Phylogeny of Kinorhyncha based on morphology and two molecular loci. *PLoS ONE* 10: e0133440. [doi:10.1371/journal.pone.0133440](https://doi.org/10.1371/journal.pone.0133440).

- Dal Zotto, M., Todaro, M. A. (2016). Kinorhyncha from Italy, a revision of the current checklist and an account of recent investigations. *Zoologischer Anzeiger* 265: 90-107. doi.org/10.1016/j.jcz.2016.01.004 0044-5231.
- Dal Zotto, M., Santulli, A., Simonini, R., Todaro, M. A. (2016). Organic enrichment effects on a marine meiofauna community, with focus on Kinorhyncha. *Zoologischer Anzeiger* 265: 127-140. doi.org/10.1016/j.jcz.2016.03.013 0044-5231.
- Dal Zotto, M., Leoni, G., Sala, L., Drappi, I., Miani, G., Roteglia, L., Rossi, G. (2017). Long-term bird monitoring at the SCI-SPA Manzolino (Emilia-Romagna, northern Italy), biodiversity hotspot and site of high conservation relevance. *Tichodroma* 6: 113-114.
- Dal Zotto, M., Romeo, G., Mena, L., Sonetti, D., Pederzoli, A. (2017). The avian community of the Karen Mogensen Reserve, wealth of biodiversity within the poorly investigated and threatened environments of Northwestern Costa Rica. *Tichodroma* 6: 114.
- Hochberg, R., Todaro M. A., Araujo T. Q., Atherton S., Balsamo M., Chang C. Y., Di Domenico M., Garraffoni A. R., Guidi L., Kånneby T., Kieneke A., Kirk J. J., Leasi F., Lee J. M., Nesteruk M., Dal Zotto M., Bownes S. J., Cesaroni L., Kim I., Münter L., Perissinotto R. (2017). A Tribute to William Hummon – Gastrotrich Biologist Extraordinaire. *Proceedings of the Biological Society of Washington* 130: 113-119. [doi: 10.2988/17-00017](https://doi.org/10.2988/17-00017).
- Todaro, M. A., Dal Zotto, M., Bownes, S. J., Perissinotto, R. (2017). Two new interesting species of Macrodasyida (Gastrotricha) from KwaZulu-Natal (South Africa). *Proceedings of the Biological Society of Washington* 130: 139-154. [doi: 10.2988/17-00010](https://doi.org/10.2988/17-00010).
- Dal Zotto, M., Romeo, G., Mena, L., Sonetti, D., Pederzoli, A. (2017). The avian community of the Karen Mogensen Reserve, a wealth of biodiversity within the poorly investigated and threatened environments of northwestern Costa Rica. *ZooKeys* 722: 101-135. [doi: 10.3897/zookeys.722.14606](https://doi.org/10.3897/zookeys.722.14606).
- Dal Zotto, M., Leasi, F., Todaro, M. A. (2018). A new species of Turbanellidae (Gastrotricha, Macrodasyida) from Jamaica, with a key to species of *Paraturbanella*. *ZooKeys* 734: 105-119. [doi: 10.3897/zookeys.734.23023](https://doi.org/10.3897/zookeys.734.23023).
- Sala, L., Luzzara, M., Dal Zotto, M., Pagliai, D. (2019). The restocking of populations of tench (*Tinca tinca* (Linnaeus, 1758)): a case study in the territory of Modena (Emilia-Romagna). *Italian Journal of Freshwater Ichthyology* 5: 185-191.
- Neuhaus, B., Dal Zotto, M., Yamasaki, H., Higgins, R. P. (2019). Revision of *Condyloderes* (Kinorhyncha, Cyclorhagida) including description of *Condyloderes shirleyi* sp. nov. *Zootaxa* 4561: 1-91. doi.org/10.11646/zootaxa.4561.1.1.
- Todaro, M. A., Dal Zotto, M., Kånneby, T., Hochberg, R. (2019). Integrated data analysis allows the establishment of a new, cosmopolitan genus of marine Macrodasyida (Gastrotricha). *Scientific Reports* 9: 1-13. doi.org/10.1038/s41598-019-43977-y.
- Yamasaki, H., Dal Zotto, M. (2019). Investigation of echinoderid kinorhynchs described 90 years ago: redescription of *Echinoderes capitatus* (Zelinka, 1928) and *Echinoderes ferrugineus* Zelinka, 1928. *Zoologischer Anzeiger* 282: 189-205. <https://doi.org/10.1016/j.jcz.2019.05.013>.
- Dal Zotto, M., Neuhaus, B., Yamasaki, H., Todaro, M. A. (2019). The genus *Condyloderes* (Kinorhyncha: Cyclorhagida) in the Mediterranean Sea, including the description of two new species with novel characters. *Zoologischer Anzeiger* 282: 206-231. doi.org/10.1016/j.jcz.2019.05.006.
- Todaro, M. A., Sibaja-Cordero, J. A., Segura, O., Coto, G., Goebel, N., Barquero, J., Cullell, M., Dal Zotto, M. (2019). An introduction to the study of Gastrotricha, with a taxonomic key to families and genera of the group. *Diversity* 11: 117-142. [doi:10.3390/d11070117](https://doi.org/10.3390/d11070117).
- Todaro, M. A., Cesaretti, A., Dal Zotto, M. (2019). Marine gastrotrichs from Lanzarote, with a description of a phylogenetically relevant species of *Urodasys* (Gastrotricha, Macrodasyida). *Marine Biodiversity* 49: 2109-2123. [doi:10.1007/s12526-017-0747-7](https://doi.org/10.1007/s12526-017-0747-7).

- Martínez, A., Di Domenico, M., Leasi, F., Curini-Galletti, M., Todaro, M. A., Dal Zotto, M., Gobert, S., Artois, T., Norenburg, J., Jörger, K., Núñez, J., Fontaneto, D., Worsaae, K. (2019). Patterns of regional and local diversity of soft-bodied meiofauna in an oceanic island, Lanzarote, Canary Islands. *Marine Biodiversity*. doi.org/10.1007/s12526-019-01007-0.
- Dal Zotto, M., De Biasi, A. M., Pacciardi, L., Pertusati, M., Bianchi, V., Giannetti, M., Rebecchi, C., Todaro, M. A. (2019). Study of meiofauna near an offshore regasification plant (Ligurian Sea). *Biologia Marina Mediterranea* 26: 103-104.
- Todaro, M. A., Dal Zotto, M., Rebecchi, C. (2019). Presence of the rare *Maccabeus tentaculatus* Por, 1973 (Priapulida) in the Ligurian Sea. *Biologia Marina Mediterranea* 26: 326-327.
- Benassi, A., Dal Zotto, M. (2020). The soil fauna of a perfluvial buffer of the Secchia river (Reggio Emilia, Emilia-Romagna). *Atti della Società dei Naturalisti e Matematici di Modena* 151: 73-84.
- Benassi, A., Dal Zotto, M. (2020). Analysis of the macrozoobenthic community of a perfluvial buffer of the Secchia river (Reggio Emilia, Emilia-Romagna). *Atti della Società dei Naturalisti e Matematici di Modena* 151: 123-135.
- Esposito, M., Ceraulo, M., Buscaino, G., Mazzola, S., Sala, L., Dal Zotto, M., Campobello, D. (2021). Decoupled Acoustic and Visual Components in the Multimodal Signals of the Common Cuckoo (*Cuculus canorus*). *Frontiers in Ecology and Evolution* 9:725858. [doi:10.3389/fevo.2021.725858](https://doi.org/10.3389/fevo.2021.725858).
- Dal Zotto, M. (2021). Kinorhyncha. In: Bologna M.A., Zapparoli M., Oliverio M., Minelli A., Bonato L., Cianferoni F., Stoch F. (eds.). *Checklist of the Italian Fauna*.
- Zorzi, P., Nardotto, A., Bottazzo, M., Dal Zotto, M. (2022). Habitat selection of the roe deer *Capreolus capreolus* (Artiodactyla, Cervidae) in an agroforestry system. *Natural History Sciences* 9: 3-6. doi.org/10.4081/nhs.2022.550.
- Fonda, F., Vezzani, L., Mena Aguilar, L. A., Romeo, G., Sonetti, D., Dal Zotto, M. (2022). Investigating ecotourism impacts on mammal activity in a Costa Rican protected area. *Hystrix* 33: 79.
- Ientile, R., Tuliozi, B., Campobello, D., Borghi, S., Sala, L., Dal Zotto, M., Massa, B. (2022). Analysis of prey composition in Eurasian Reed Warblers' (*Acrocephalus scirpaceus*) droppings at four breeding sites in Italy. *Diversity* 14, 1134. doi.org/10.3390/d14121134.
- Gonzáles Casarrubios, A., Cepeda, D., Pardos, F., Neuhaus, B., Yamasaki, H., Herranz M., Grzelak, K., Maiorova, A., Adrianov, A., Dal Zotto, M., Di Domenico, M., Landers, S. C., Sánchez, N. (2023). Towards a standardisation of morphological measurements in the phylum Kinorhyncha. *Zoologischer Anzeiger* 302: 217-223. doi.org/10.1016/j.jcz.2022.11.015.
- Lopez, D., Fonda, F., Monti, F., Dal Zotto, M. (2023). Density estimates and habitat selection of two sympatric bird species as potential bioindicators of neotropical forest alterations. *Diversity* 15, 208. doi.org/10.3390/d15020208.
- Ciaralli, S., Gamba, M., Esposito, M., Francesconi, S., Muzzicato, D., Dal Zotto, M., Campobello, D. (2024). Ritual displays by avian brood parasites. Nuptial gifts or territorial warnings? *Animal Behaviour* 207: 147-156. doi.org/10.1016/j.anbehav.2023.11.003.
- Dal Zotto, M., Romeo, G., Saponi, F., Toldo, T., Vaccari, A. (2024). First record of the alien gecko *Lepidodactylus lugubris* (Duméril & Bibron, 1836) in the Cabo Blanco Absolute Natural Reserve, Costa Rica. *Check List* 20: 505-509. doi.org/10.15560/20.2.505.
- Borghi, S., Giannella, C., Ravagnani, A., Casari, R., Farioli, A., Rossi, G., Dal Zotto, M., Grattini, N., Campobello, D. (2024). Long-term population trends of bird communities in artificially-protected wetlands. *Avocetta – Journal of Ornithology* 48. doi.org/10.30456/AVO.2024109.
- Matthys, S., Tarnold, L., Dal Zotto, M., Oneto, F., Ottonello, D., Canessa, S. (2024). Interim report on the use of detection dogs for *Trachemys scripta* nest removal. doi.org/10.13140/RG.2.2.22253.40161.

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- Dal Zotto, M., Todaro, M. A. The ornithology of Pietro de Nobili. In: Tosi A. (Ed.), *The ornithology of Pietro de Nobili – Naturalistic engravings in 16th century Rome*. Edizioni ETS, Pisa. ISBN 978-884670000-0 (in press).
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CONFERENCE CONTRIBUTIONS

- Todaro, M. A., Rossaro, S., Dal Zotto, M., Giere, O. (2004). Marine gastrotrichs from west-Mediterranean calcareous sediment. *Proc. XII Meiofauna International Conference*, Ravenna, July 2004.
- Buldrini, F., Dal Zotto, M., D'Andretta, M., Laurora, A., Malferrari, D., Quartieri, S., Simoncelli, A. (2005). Environmental analyses of the mining area of Boccasuolo (Palagano, Modena, Northern Italy). *Proceedings of the VI Italian Forum of Earth Sciences (Geoitalia 2005)*.
- Buldrini, F., Dal Zotto, M., D'Andretta, M., Laurora, A., Malferrari, D., Quartieri, S., Simoncelli, A. (2005). Environmental analyses of the mining area of Ca' Marsilio and Ca' Gabriele (Montecreto, Modena, Northern Italy). *Proceedings of the VI Italian Forum of Earth Sciences (Geoitalia 2005)*.
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