

CARLOTTA MAZZOLDI – Curriculum Vitae

EDUCATION AND DEGREES:

- 1995: laurea cum laude in Biological Sciences at the University of Padova with a thesis on the use of “visual census” techniques to study the infralittoral fish community;
- 1996: fellowship at the College of the Atlantic (Maine, USA) with a research project on the reproductive behaviour and fertilization dynamics of demersal spawning fishes;
- 2000: PhD in Evolutionary Biology at the University of Padova, thesis title: “Comparative study on mating system and fertilization dynamics in teleost fish with demersal eggs”;
- 2000-2002: post-doctoral fellowship at the University of Padova with a research project on the influence of sexual selection and reproductive biology on the development of a primary sex-trait in demersal spawning fish.

NATIONAL ACADEMIC QUALIFICATION (BANDO D.D. 1532/2016)

- Full Professor of Comparative Anatomy and Cytology (Settore Concorsuale 05/B2)
- Full Professor of Zoology and Anthropology (Settore Concorsuale 05/B1)

GRANTS - Principal investigator:

2022 - : grant from the University of Padova (SEED 2022) for a project on the occurrence and spatial distribution of pelagic sharks and rays in the Adriatic Sea through a citizen science approach;

2021: contract with ENI on a research project on the occurrence of sharks and rays in the coastal area near to Cervia (northern Adriatic Sea, Italy);

2020 - : grant from the Italian Ministry of the Environment for a project aimed at evaluating survival rates of fished juveniles of elasmobranchs to contribute to their management in the framework of the Marine Strategy Directive (grant administrated by CONISMA consortium);

2011-2014: grant from the University of Padova for a research project on the reproductive biology of elasmobranch species;

2006-2007: grant from the University of Padova for a research project on the role of antimicrobial substances in male parental care;

2002: SYS-RESOURCE (European Community - Access to Research Infrastructure action of the Improving Human Potential Programme) grant for a research project at the National History Museum of London (UK);

2001: grant from the University of Padova to Young Researcher for a research period at the Friday Harbor Laboratories (Washington, USA) in collaboration with Prof. C.W. Petersen.

GRANTS - Participant:

2019 - : LIFE E-LIFE: grant from the EU for a research project on low impact fishery on elasmobranchs. Carlotta Mazzoldi as local coordinator

2021: "SEPOLine": FEAMP grant (Regione Veneto) for a project aimed at mitigating the mortality of cuttlefish eggs in artisanal fishery. CESTHA as coordinator, Carlotta Mazzoldi as scientific reference person

2019 – LIFE DELFI: grant from EU for a research project on the reduction of bycatch of protected species.

2018-2019 – TARTA-TUR Project "Evaluation of the interactions of *Caretta caretta* and *Tursiops truncatus* with fishery along Veneto coasts" (FEAMP 2/ACO/2018)

2020 - Invasion Project "Implementation of the monitoring of vertebrates in the Northern Adriatic Sea" (FEAMP 04/RBC/2018)

2018-: grant from "Provveditorato Interregionale per le Opere Pubbliche" (Progetto Venezia 2021-CORILA) for a research project on changes in the ecosystem of the Lagoon of Venice. Carlotta Mazzoldi as coordinator of a research line.

2016- : grant from MIPAAF for a research project on the impact of mid-water trawling on elasmobranchs (PI: Dott. A. Sala, IRBIM-CNR Ancona, Italy, Carlotta Mazzoldi as coordinator of the Research Unit of Padova), from 2018 the grant is administrated by CONISMA consortium;

2014-2016: grant from the Ministero dell'Istruzione, dell'Università e della Ricerca - Programma Nazionale di Ricerche in Antartide, for the study of early life history traits and reproductive strategies of notothenioids in the Southern Scotia Arc (PI: Dott. La Mesa, ISMAR-CNR Ancona, Italy, Carlotta Mazzoldi as coordinator of the Research Unit of Padova);

2009-2011: grant from Regione Veneto (Progetto Clodia) for the analyses of the impact of coastal fishery on commercial species (PI: Prof. M.B. Rasotto, Department of Biology, University of Padova, Italy);

2008 -2011- CARIPARO Foundation: "The evolution of multiple signals in mate choice" (PI: Prof. A.A. Pilastro, Department of Biology, University of Padova, Italy);

2008-2010: PRIN: "Evolutionary trajectories in multiple pre- and post-copulatory traits: adaptations and constraints" (PI: Prof. A.A. Pilastro, Department of Biology, University of Padova, Italy).

INTERNATIONAL NETWORKS AND WORKING GROUPS

- from 2019 member of the Scientific Committee of the European Elasmobranch Association;
- from 2015 to 2019 member of the management committee of the COST action Ocean Past Platform, an integrative platform involving researchers from human, social and natural sciences, aimed to integrate historical findings of scale and intensity of marine resource use into management and policy frameworks;
- 2014: participation to the working group of the FAO – GFCM (General Fisheries Commission for the Mediterranean) on elasmobranchs;
- from 2013: member of the WGHIST (Working Group on the History of Fish and Fisheries) of ICES (International Council for the Exploration of the Sea);
- 2013: contribution as expert on the assessment of the status of elasmobranch species in Italian waters for the national Red List of the IUCN (International Union for Conservation of Nature)

EDUCATION ACTIVITIES

- Since 2004, professors of courses in the Master degree in Marine Biology and in Evolutionary Biology (among them: Marine Biodiversity, Marine organisms as resources, Management of marine resources, Animal functional morphology, Biodiversity and behaviour, Ichthyology)

- Since 2017, member of the PhD school in Bioscience, curriculum in Evolution, Ecology and Conservation
- Tutor of several master and first graduation theses in biology and marine biology
- Tutor and co-tutor of PhD theses of the Bioscience PhD School of the University of Padova and PhD in Innovative Technologies and sustainable use of fishery and biological resources in the Mediterranean Sea - FishMed-PhD of the University of Bologna and CNR

OUTREACH ACTIVITIES

- Activities of popular science through seminars
- Education activities with fishermen
- Organization of education activities with the Museum of Adriatic Zoology of Chioggia (www.museoolivi.it/en/)
- Citizen Science projects: collections of reports of occurrence of protected (sea turtles, elasmobranchs, etc.) and rare species by fishers and general public (chioggia.biologia.unipd.it/eng/), collections of reports of occurrence and recapture of tagged elasmobranchs (www.tshark.org)

MANAGEMENT ACTIVITIES:

- 2016-2020: Scientific coordinator of the Hydrobiological Station “Umberto D’Ancona”, Chioggia;
- 2016 – 2021: Member of committee University of Padova-Municipality of Chioggia for the activities of the Museums of Adriatic Zoology “Giuseppe Olivi” and the marine biology activities in Palazzo Grassi;
- 2018-2021: coordinator of the teaching activities of the Master Degree in Marine Biology in Chioggia

EDITORIAL AND REVIEWER ACTIVITIES:

- Member of the Editorial Board of Scientific Data (Natureresearch Journal)
- Guest Editor of a Special Issue of Regional Studies in Marine Science
- Reviewers of papers in several international journals, among them: Fish and Fisheries, Marine Pollution Bulletin, Marine Policy, PlosOne, Marine Biology, Scientific Reports, journal of Sea Research, Mediterranean Marine Science, Marine Ecology, Behavioural Ecology, Journal of Fish Biology.

MEETING AND CONFERENCES ORGANIZATION:

- 2016 and 2019: Organization of two Italian workshops on elasmobranchs (Chioggia, Italy)
- 2016: Organization of the International Meeting “Historical ecology of semi-enclosed basins: past, present and future of seas at risk” (Chioggia, Italy)

CONFERENCES:

- Participation to international and national conferences with more than 70 contributions (posters and oral presentations).

PUBLICATIONS:

- 77 papers in peer-review journals. WOS H-index: 23; Scopus H-index: 23; Google scholar H-index: 28.

LIST OF PUBLICATIONS (peer-reviewed):

- 1) Desiderà E., **Mazzoldi C.**, Navone A., Panzalis P., Gervaise C., Guidetti P., Iorio L.D. 2022. Reproductive behaviours and potentially associated sounds of the Mottled grouper *Mycteroperca rubra*: implications for conservation. *Diversity* 14: 318.
- 2) Bellodi A., Benvenuto A., Melis R., Mulas A., Barone M., Barría C., Cariani A., Carugati L., Chatzisprou A., Desrochers M., Ferrari A., Guallart J., Hemida F., Mancusi C., **Mazzoldi C.**, Ramírez-Amaro S., Rey Sanz J., Scannella D., Serena F., Tinti F., Vella A., Follesa M.C., Cannas R. 2022. Call me by my name: unravelling the taxonomy of the gulper shark genus *Centrophorus* in the Mediterranean Sea through an integrated taxonomic approach. *Zoological Journal of the Linnean Society*, 195: 815-840.
- 3) Barone M., Mollen F., Giles J., Marshall L., Villate-Moreno M., **Mazzoldi C.**, Heine J., Pérez-Costas E., Guisande C. 2022. Performance of *iSharkFin* in the identification of wet dorsal fins from priority shark species. *Ecological Informatics* 68: 101514.
- 4) Giovos I., Barash A., Barone M., Barría C., Borme D., Brigaudeau C., Charitou A., Brito C., Currie J., Dornhege M., Endrizzi L., Forsberg K., Jung A., Kleitou P., MacDiarmid A., Moutopoulos D. K., Nakagun S., Neves J., Nunes F.L.D., Schröder D., Thurstan R.H., Tull M., Tuncer S., **Mazzoldi C.** 2021. Understanding the public attitude towards sharks for improving their conservation. *Marine Policy* 34: 104811
- 5) Barbato M., Barría C., Bellodi A., Bonanomi S., Borme D., Četković I., Colloca F., Colmenero A., Crocetta F., De Carlo F., Demir E., Di Lorenzo M., Follesa M., Garibaldi F., Giglio G., Giovos I., Guerriero G., Hentati O., Ksibi M., Kruschel C., Lanteri L., Leonetti F., Ligas A., Madonna A., Matić Skoko S., Mimica R., Moutopoulos D., Mulas A., Nerlović V., Pešić A., Porcu C., Riginella E., Sperone E., Tsouknidas K., Tunçer S., Vrdoljak D., **Mazzoldi C.** 2021. The use of fishers' Local Ecological Knowledge to reconstruct fish behavioural traits and fishers' perception of conservation relevance of elasmobranchs in the Mediterranean Sea. *Mediterranean Marine Science* 22(3): 603-622
- 6) Riginella E., Pineda-Metz S.E.A., Gerdes D., Nils K., Böhmer A., Biebow H., Papetti C., **Mazzoldi C.**, La Mesa M. 2021. Parental care and demography of a spawning population of the channichthyid *Neopagetopsis ionah*, *Nybelin 1947* from the Weddell Sea. *Polar Biology* 44: 1725–1735
- 7) Desiderà E., Trainito E., Navone A., Blandin R., Magnani L., Panzalis P., **Mazzoldi C.**, Guidetti P. 2021. Using complementary visual approaches to investigate residency, site fidelity and movement patterns of the dusky grouper (*Epinephelus marginatus*) in a Mediterranean Marine Protected Area. *Marine Biology* 168: 111
- 8) Masnadi F., Armelloni E.N., Guicciardi S., Pellini G., Raicevich S., **Mazzoldi C.**, Scanu M., Sabatini L., Tassetti A.N., Ferrà Vega C., Grati F., Bolognini L., Domenichetti F., Cacciamani R., Calì F., Polidori P., Fabi G., Luzi F., Giovanardi O., Bernarello V., Pasanisi E., Franceschini G., Breggion C., Bozzetta E., Sambo A., Prioli G., Gugnali A., Piccioni E., Fiori F., Caruso F., Scarcella G. 2020. Relative survival scenarios: an application to undersized common sole (*Solea solea* L.) in a beam trawl fishery in the Mediterranean Sea. *ICES Journal of Marine Science* 77(7-8): 2646-2655
- 9) Maduna S., Hull K.L., Farrell E., Boomer J.J., Veríssimo A., Marino I.A.M., **Mazzoldi C.**, Zane L., Wintner S.B., Chesalin M.V., Da Silva C., Gubili C., Mariani S., Bester-van der Merwe A. 2020. Historical biogeography of smoothhound sharks (genus *Mustelus*) of southern Africa reveals multiple colonization events from the Northern Hemisphere. *Systematics and Biodiversity* 18(7): 633-645

- 10) Mancusi C., Bains R., Fortuna C., de Sola L. G., Morey G., Bradai M. N., Kallianotis A., Soldo A., Hemida F., Saad A. A., Dimech M., Peristeraki P., Bariche M., Clò S., De Sabata E., Castellano L., Garibaldi F., Lanteri L., Tinti F., Pais A., Sperone E., Micarelli P., Poisson F., Sion L., Carlucci R., Cebrian-Menchero D., Séret B., Ferretti F., El-Far A., Saygu I., Shakman E. A., Bartolí A., Guallart J., Damalas D., Megalofonou P., Vacchi M., Bottaro M., Notarbartolo di Sciara G., Follesa M. C., Canna R., Kabasakal H., Zava B., Cavlan G., Jung A., Abudays M., Kolitari J., Barash A., Joksimovic A., Cetkovic I., Marčeta B., Vila L. G., Tiralongo F., Giovos I., Bargnesi F., Lelli S., Barone M., Moro S., **Mazzoldi C.**, Abella A. J., Serena F. 2020. MEDLEM database, a data collection on large Elasmobranchs in the Mediterranean and Black seas. *Mediterranean Marine Science* 21/2: 276-288.
- 11) Di Lorenzo M., Vizzini S., Signa G., Andolina C., Boscolo Palo G., Gristina M., **Mazzoldi C.**, Colloca F. 2020. Ontogenetic trophic segregation between two threatened smooth-hound sharks in the central Mediterranean Sea. *Scientific Reports* 10:11011.
- 12) Riginella E., Correale V., Marino I.A.M., Rasotto M.B., Vrbatovic A., Zane L., **Mazzoldi C.** 2020. Contrasting life history traits of two sympatric smooth-hound species: implication for vulnerability. *Journal of Fish Biology* 96: 853-857.
- 13) La Mesa M., Calì F., Riginella E., **Mazzoldi C.**, Jones C. D. 2020. Biological parameters of the High-Antarctic icefish, *Cryodraco antarcticus* (Channichthyidae) from the South Shetland Islands. *Polar Biology* 43: 143-155.
- 14) **Mazzoldi C.**, Bearzi G., Brito C., Carvalho I., Desiderà E., Endrizzi L., Freitas L., Giacomello E., Giovos I., Guidetti P., Ressurreição A., Tull M., MacDiarmid A. 2019. From sea monsters to charismatic megafauna: changes in perception and use of large marine animals. *PlosOne*, 14(12): e0226810
- 15) Bargione G., Donato F., La Mesa M., **Mazzoldi C.**, Riginella E., Virgili M., Lucchetti A. 2019. Life-history traits of the spiny dogfish *Squalus acanthias* in the Adriatic Sea. *Scientific Reports* 9: 14317
- 16) Hull K.L., Asbury T.A., da Silva C., Dicken M., Veríssimo A., Farrell E.D., Mariani S., **Mazzoldi C.**, Marino I.A.M., Zane L., Maduna S.M., Bestler-van der Merwe A.E. 2019. Strong genetic isolation despite wide distribution in a commercially exploited coastal shark. *Hydrobiologia* 838: 121-137
- 17) Rowley A., Locatello L., Kahrl A., Rego M., Boussard A., Garza-Gisholt E., Kempster R.M., Collin S.P., Giacomello E., Follesa M.C., Porcu C., Evans J.P., Hazin F., Garcia-Gonzalez F., Daly-Engel T.S., **Mazzoldi C.**, Fitzpatrick J.L. 2019. Sexual selection and the evolution of sperm morphology in sharks. *Journal of Evolutionary Biology* 32:1027-1035
- 18) Lucon-Xiccato T., Anastasia N., **Mazzoldi C.**, Griggio M. 2019. Familiarity and sex modulates size-dependent following behaviour in the Mediterranean killifish. *The Science of Nature* 106: 31
- 19) Desiderà E., Magnani L., Navone A., Guidetti P., **Mazzoldi C.** 2019. First direct evidence of reproduction of the White grouper, *Epinephelus aeneus*. *Mediterranean Marine Science* 20/2: 326-330.
- 20) Azzurro E., Sbragaglia V., Cerri J., Bariche M., Bolognini L., Ben Souissi J., Busoni G., Chryssanthi A., Coco S., Garrabou J., Gianni F., Grati F., Kolitari J., Guglielmo L., Lipej L., **Mazzoldi C.**, Milone N., Nur E.T., Pannacciulli F., Pešić A., Samuel-Rhoads Y., Saponari L., Tomanic J., Vargiu G., Moschella P. 2019. The shifting distribution of Mediterranean fishes: a spatio-temporal assessment based on Local Ecological Knowledge. *Global Change Biology* 25: 2779-2792
- 21) Miller J.S., **Mazzoldi C.**, Rasotto M.B., Balshine S. 2019. Differential investment in male accessory glands: lessons from a species with alternative reproductive tactics. *Marine Biology* 66:37
- 22) La Mesa M., Riginella E., Donato F., **Mazzoldi C.** 2018. Life history traits of rare Antarctic dragonfishes from the Weddell Sea. *Antarctic Science* 30: 289-297

- 23) La Mesa M., Donato F., Riginella E., **Mazzoldi C.** 2018. Life history traits of a poorly known pelagic fish, *Aethotaxis mitopteryx* (Perciformes, Notothenioidei) from the Weddell Sea. *Polar Biology*, 41:1777-1788
- 24) Raicevich S., Barausse A., Canadelli E., Fortibuoni T., **Mazzoldi C.** 2018. Historical ecology of semi-enclosed basins and coastal areas: Past, present and future of seas at risk. *Regional Studies in Marine Science* 21: 1-6.
- 25) La Mesa M., Calì F., Donato F., Riginella E., **Mazzoldi C.** 2018. Aspects of the biology of the Antarctic dragonfish *Gerlachea australis* (Notothenioidei: Bathydraconidae) in the Weddell Sea, Antarctica. *Polar Biology* 41:793-803
- 26) Marino I.A.M., Finotto L., Colloca F., Di Lorenzo M., Gristina M., Farrell E.D., Zane L., **Mazzoldi C.** 2018. Resolving the ambiguities in the identification of two smooth-hound sharks (*Mustelus mustelus* and *Mustelus punctulatus*) using genetics and morphology. *Marine Biodiversity* 48: 1551-1562
- 27) Locatello L., Santon M., **Mazzoldi C.**, Rasotto M.B. 2017. The marbled goby, *Pomatoschistus marmoratus*, as a promising species for experimental evolution studies. *Organisms Diversity & Evolution* 17(3): 709-716
- 28) Lucon-Xiccato T., **Mazzoldi C.**, Griggio M. 2017. Sex composition modulates the effects of familiarity in new environment. *Behavioural Processes* 140: 133-138.
- 29) Calì F., Riginella E., La Mesa M., **Mazzoldi C.** 2017. Life history traits of *Notothenia rossii* and *N. coriiceps* along the Southern Scotia Arc. *Polar Biology* 40: 1409-1423
- 30) La Mesa M., Riginella E., Catalano B., Jones C.D., **Mazzoldi C.** 2017. Maternal contribution to spawning and early life-history strategies of the genus *Lepidonotothen* (Nototheniidae, Perciformes) along the southern Scotia Arc. *Polar Biology* 40: 1441-1450.
- 31) Meneghesso C., Riginella E., La Mesa M., Donato F., **Mazzoldi C.** 2017. Age and reproduction in two Antarctic plunderfishes (Artedidraconidae) from the Weddell Sea. *Polar Biology* 40: 13-24
- 32) Finotto L., Barausse A., **Mazzoldi C.** 2016. In search of prey: the occurrence of *Alopias vulpinus* in the northern Adriatic Sea and its interactions with fishery. *Acta Adriatica* 57(2): 295 – 304.
- 33) Locatello L., **Mazzoldi C.**, Santon M., Sparaciari S., Rasotto M.B. 2016. Unexpected female preference for smaller males in the marbled goby *Pomatoschistus marmoratus* (Risso, 1810). *Journal of Fish Biology* 89: 1845-1850
- 34) Marra S., Coppa S., Camedda A., **Mazzoldi C.**, Wrachien F., Massaro G., De Lucia G.A. 2016. Recovery trends of commercial fish: the case of an underperforming Mediterranean marine protected area. *Plos One* 11(1): e0146391. doi:10.1371/journal.pone.0146391
- 35) La Mesa M., Riginella E., Melli V., Bartolini F., **Mazzoldi C.** 2016. Biological traits of a sub-Antarctic nototheniid, *Patagonotothen ramsayi*, from the Burdwood Bank. *Polar Biology* 39: 103-111.
- 36) Riginella E., **Mazzoldi C.**, Ashford J., Jones C.D., Morgan C., La Mesa M. 2016. Life history strategies of the Scotia Sea icefish, *Chaenocephalus aceratus*, along the Southern Scotia Ridge. *Polar Biology* 39: 497-509
- 37) Engelhard G.H., Thurstan R.H., MacKenzie B.R., Alleway H.K., Bannister R.C.A., Cardinale M., Clarke M.W., Currie J.C., Fortibuoni T., Holm P., Holt S.J., **Mazzoldi C.**, Pinnegar J.K., Raicevich S., Volckaert F.A.M., Klein E.S., Lescauwaet A.K. 2016. ICES meets marine historical ecology: placing the history of fish and fisheries in current policy context. *ICES Journal of Marine Science* 73: 1386-1403
- 38) Marino I.A.M., Riginella E., Gristina M., Rasotto M.B., Zane L., **Mazzoldi C.** 2015. Multiple paternity and hybridization in two smooth-hound sharks. *Scientific Report* 5:12919

- 39) Matozzo V., Conenna I., Riedl V., Marin M.G., Marčeta T., **Mazzoldi C.** 2015. A first survey on the biochemical composition of egg yolk and lysozyme-like activity of egg envelopment in the cuttlefish *Sepia officinalis* from the Northern Adriatic Sea (Italy). *Fish and Shellfish Immunology* 45: 528-533
- 40) Finotto L., Gristina M., Garofalo G., Riginella E., **Mazzoldi C.** 2015. Contrasting life history and reproductive traits in two populations of *Scyliorhinus canicula*. *Marine Biology* 162: 1175-1186
- 41) Marino I.A.M., Riginella E., Cariani A., Tinti F., Farrell E.D., **Mazzoldi C.**, Zane L. 2015. New molecular tools for the identification of 2 endangered smooth-hound sharks, *Mustelus mustelus* and *Mustelus punctulatus*. *Journal of Heredity* 106: 123-130
- 42) La Mesa M., Riginella E., **Mazzoldi C.**, Ashford J. 2015. Reproductive resilience of ice-dependent Antarctic silverfish in a rapidly changing system along the western Antarctic Peninsula. *Marine Ecology* 36: 235-245
- 43) **Mazzoldi C.**, Sambo A., Riginella E. 2014. The Clodia database: a long time series of fishery data from the Adriatic Sea. *Scientific Data* 1:140018. doi: 10.1038/sdata.2014.18
- 44) Piraino S., Aglieri G., Martell L., **Mazzoldi C.**, Melli V., Milisenda G., Scorrano S., Boero F. 2014. *Pelagia benovici* sp. nov. (Cnidaria, Scyphozoa): a new jellyfish in the Mediterranean Sea. *Zootaxa* 3794: 455-468.
- 45) Melli V., Riginella E., Nalon M., **Mazzoldi C.** 2014. From trap to nursery. Mitigating the impact of an artisanal fishery on cuttlefish offspring. *Plos ONE* 9(2): e90542.
- 46) Barausse A., Correale V., Curkovic A., Finotto L., Riginella E., Visentin E., **Mazzoldi C.** 2014. The role of fisheries and the environment in driving the decline of elasmobranchs in the northern Adriatic Sea. *ICES Journal of Marine Science* 71: 1593-1603.
- 47) Meneghesso C., Riginella E., La Mesa M., Donato F., **Mazzoldi C.** 2013. Life history traits and population decline of the Atlantic mackerel, *Scomber scombrus* in the Adriatic Sea. *Journal of Fish Biology* 83, 1249-1267.
- 48) Papetti C., Di Franco A., Zane L., Guidetti P., De Simone V., Spizzotin M., Zorica B., Čikeš Keč V., **Mazzoldi C.** 2013. Single population and common natal origin for Adriatic *Scomber scombrus* stocks: evidence from an integrated approach. *ICES Journal of Marine Science*, 70: 387-398.
- 49) Pujolar J.M., Locatello L., Zane L., **Mazzoldi C.** 2012. Body size correlates with fertilization success but not gonad size in grass goby territorial males. *PLoS ONE* 7(10): e46711.
- 50) Barausse A., Michieli A., Riginella E., Palmeri L., **Mazzoldi C.** 2011. Long-term changes in community composition and life-history traits in a highly exploited basin (northern Adriatic Sea): the role of environment and anthropogenic pressures. *Journal of Fish Biology*, 79: 1453–1486
- 51) Cenci E., Pizzolon M., Chimento N., **Mazzoldi C.** 2011. The influence of a new artificial structure on fish assemblages of adjacent hard substrata. *Estuarine Coastal and Shelf Science*, 91: 133-149.
- 52) Pizzolon M., Giacomello E., Marri L., Marchini D., Pascoli F., **Mazzoldi C.**, Rasotto M.B. 2010. When fathers make the difference: efficacy of male sexually selected antimicrobial glands in enhancing fish hatching success. *Functional Ecology*, 24: 141-148.
- 53) Barausse A., Duci A., **Mazzoldi C.**, Artioli Y., Palmeri L. 2009. Trophic network model of the Northern Adriatic Sea: Analysis of an exploited and eutrophic ecosystem. *Estuarine Coastal and Shelf Science*, 83: 577-590.
- 54) Duci A., Giacomello E., Chimento N., **Mazzoldi C.** 2009. Intertidal and subtidal blennies: assessment of their habitat through individual and nest distribution. *Marine Ecology Progress Series*, 383: 273-283.
- 55) Giacomello E., Marri L., Marchini D., **Mazzoldi C.**, Rasotto M.B. 2008 Sperm duct gland secretion of the grass goby *Zosterisessor ophiocephalus* exhibits antimicrobial activity. *Journal of Fish Biology*, 73: 1823-1828.
- 56) **Mazzoldi C.**, Randieri A., Mollica E., Rasotto M.B. 2008. Notes on the reproduction of the cardinalfish *Apogon imberbis* from Lachea Island, central Mediterranean, Sicily, Italy. *Vie et Milieu*, 58: 63-66

- 57) Pizzolon M., Cenci E., **Mazzoldi C.** 2008. The onset of fish colonization in a coastal defence structure (Chioggia, Northern Adriatic Sea). *Estuarine Coastal and Shelf Science*, 68: 166-178.
- 58) Pizzolon M., Rasotto M.B., **Mazzoldi C.** 2008. Male lagoon gobies, *Knipowitschia panizzae*, prefer more ornamented to larger females. *Behavioral Ecology and Sociobiology*, 62: 521-528.
- 59) **Mazzoldi C.**, Lorenzi V., Rasotto M.B. 2007. Variation of male reproductive apparatus in relation to fertilization modalities in the catfish families Auchenipteridae and Callichthyidae (Teleostei: Siluriformes). *Journal of Fish Biology*, 70: 243-256
- 60) **Mazzoldi C.**, Petersen C.W., Rasotto M.B. 2005. The influence of mating system on seminal vesicle variability among gobies (Teleostei, Gobiidae). *Journal of Zoological Systematics and Evolutionary Research*, 43(4): 307-314.
- 61) Petersen C.W., **Mazzoldi C.**, Zarrella K., Hale R. 2005. Fertilization mode, sperm characteristics, mate choice and parental care patterns, in *Artedius* spp. (Cottidae). *Journal of Fish Biology*, 67: 239-254
- 62) Massironi M., Rasotto M.B., **Mazzoldi C.** 2005. A reliable indicator of female fecundity: the case of the yellow belly in *Knipowitschia panizzae* (Teleostei: Gobiidae). *Marine Biology*, 147: 71-76
- 63) Petersen C.W., Zarrella K.A., Ruben C.A., **Mazzoldi C.** 2004. Reproductive biology of rosy lip sculpin, an intertidal spawner. *Journal of Fish Biology*, 64: 863-875.
- 64) Immler S., **Mazzoldi C.**, Rasotto M.B. 2004. From sneaker to parental male: change of reproductive traits in the black goby, *Gobius niger* (Teleostei, Gobiidae). *Journal of Experimental Zoology*, 301A: 177-185.
- 65) Locatello L. **Mazzoldi C.**, Rasotto M.B. 2002. Ejaculate of sneaker males is pheromonally inconspicuous in the black goby, *Gobius niger* (Teleostei, Gobiidae). *Journal of Experimental Zoology*, 293: 601-605.
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01/06/2022

