

## **GIULIA CECCHERELLI, PhD**

Associate Professor in Ecology

Department of Chemistry and Pharmacy

University of Sassari (Italy)

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### **Personal information**

Born in Perugia (Italy) 11.24.1968

Mother of two boys born in 1999 and 2001

### **Research identifiers**

Orcid num: 0000-0002-9832-9677

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### **Education**

High School degree in USA in 1986

High School degree in Italy 1987

MSc in Biology 1992

PhD in Marine Ecology 1997

### **Qualification**

1997-2000 Contract lecturer in Ecology

2000-2004 Post-doc grant

2004-2017 Researcher at the University of Sassari

2014 scientific abilitation for Full professor in Ecology

2017 Associate Professor at the University of Sassari

### **TEACHING**

Several academic courses from 1997 until today: Analysis of ecological systems, Conservation biology, Ecology, Phytobenthos, Marine plant ecology, Analysis of ecological data, Statistics for ecology, Biology of marine plants and Marine ecology at the University of Sassari.

Presently teaching Ecology (12 credits) for the Bachelor degree in Natural Science and Marine Biology and Ecology (10 credits) for the Master degree in Management of the Marine Environment.

## **PUBLICATIONS**

Author of over 75 articles in Journals with IF

H index 28, sum of citation 2599

## **SCIENTIFIC RESPONSABILITY**

-Presently tutor of three PhD students at the University of Sassari: Federico Pinna, Arianna Pansini e Patrizia Stipcich.

-In the pasta tutor of other three PhD students:

S Pinna, V Gennusa, V Cusseddu.

-Co-tutor of one PhD student in Experimental Ecology (University of Pavia):

S Caronni

-Responsible of eight Post-docs at the University of Sassari:

S Pinna, F Bulleri, D Agnetta, S Oliva, F. Pinna, M DeLuca, L Piazzzi and A Pansini

-Responsible of a Junior Researcher at the University of Sassari

L Piazzzi

-Part of the PhD board in Architecture and Environment coordinated by Prof. Vincenzo Pascucci at the University of Sassari.

-External evaluator of PhD dissertations of the Open University (London), University of Barcelona, University of Alicante, University of Melburne, National University of Ireland, University of Sydney, National University of Ireland (Galway, Ireland), Univeristy of Pisa and University of Palermo.

## **ASSISTANCE IN EDITORIAL ACTIVITY**

Assistant Editor of Biological Invasions.

Manuscript reviewer for: Aquatic Botany, Aquatic Invasions, Biological Invasions, Botanica marina, Cahiers de Biologie Marine, Chemistry and Ecology, Cryptogamie algologie, Ecology, Ecological Application, Estuarine Coastal and Shelf Science, Hydrobiologia, Journal Experimental Marine Biology and Ecology, Journal of Marine Biological Association UK, Limnology and Oceanography, Marine Biology, Marine Biology Research, Marine Ecology Progress Series, Marine Environmental Research, Marine Freshwater Research, Oceanologica acta, Oecologia, PLOS ONE and Scientia Marina.

Reviewer for National Science Foundation (USA) and National Geographics for research projects.

## **RECENT PROJECTS**

2019-2020: Project Life Watch ERIC funded by UE. Participation

2019-2021: Project PRIN 2017MHHWBN "Marine Habitats restoration in a climate change-impaired Mediterranean Sea (MAHRES)" funded by MIUR". Responsible of research unit.

2016-2018: Project Fondazione di Sardegna "The ecological impacts of multiple stressors in key coastal ecosystems (EIMS)". Principal investigator.

2012-2015: Project FIRB "Unveiling hidden relationships between biodiversity and ecosystem functioning in Mediterranean rocky reefs HI-BEF project". Participation.

2012-2015: Project PRIN "Observing, modelling and TEsting synergies and TRade-offs for the adaptive management of multiple Impacts in coastal Systems (TETRIS) funded by MIUR". Responsible of research unit.

2011-2014: Project coordinator of "Approccio integrato per la tutela, la gestione e la valorizzazione della risorsa riccio di mare in Sardegna" funded by Regione Autonoma della Sardegna CRP49692 (L7 Agosto 2007, n.7). Principal investigator.

2010-2012: Project COREM "Cooperazione nelle reti ecologiche del Mediterraneo" Italia-Francia Marittimo co-funded by UE. Participation.

2009-2010: Project "Censimento, mappatura, valutazione e monitoraggio delle principali grotte sommerse dell'AMP di Capo Caccia – Isola Piana" funded by MPA di Capo Caccia – Isola Piana. Participation

2009-2011: Project ZOUMGEST "Zone umide sistemi gestionali per integrare le attività antropiche e la tutela della natura" Italia-Francia Marittimo co-funded by UE. Participation.

## **AWARDS**

2008: June- University of Sassari awards for 2005-2006 scientific productivity.

2009: Regional award for scientific research (Art. 13, c. 2, della L.R. 7 agosto 2007, n. 7).

2010: Best poster prize at the XIX Congress of the Gadio Group for Ecology (Italy).

2011: Regional award for scientific research (Art. 13, c. 2, della L.R. 7 agosto 2007, n. 7).

2012: March- University of Sassari awards for 2007-2010 scientific productivity.

2013: Best poster prize at the XXIII Congress of the Italian Society of Ecology (SItE).

2018: Best poster prize at the XXVIII Congress of the Italian Society of Ecology (SItE).

## **MAIN RESEARCH INTERESTS**

- 1) Spread of marine introduced algae in the Mediterranean
- 2) Protection effectiveness in Marine Protected Areas
- 3) Mechanisms regulating the spatial distribution of sea urchins
- 4) Effects of multiple stressors on resilient communities
- 5) Natural and anthropic patterns of Coralligenous
- 6) Mechanisms that regulate the community assembly rules of sand dune communities

## **List of articles**

- 1) Piazzì L., Kaleb S., Ceccherelli G., Montefalcone M., Falace A. (2019) Deep coralligenous outcrops of the Apulian continental shelf: Biodiversity and spatial variability of sediment-regulated assemblages. **CONTINENTAL SHELF RESEARCH**, vol. 172, p. 50-56
- 2) L. Piazzì, G. Ceccherelli (2019) Effect of sea urchin human harvest in promoting canopy forming algae restoration. **ESTUARINE, COASTAL AND SHELF SCIENCE**, vol. 219, p. 273-277
- 3) R. Melis, G. Ceccherelli, L. Piazzì, M. Rustici (2019) Macroalgal forests and sea urchin barrens: structural complexity loss, fisheries exploitation and catastrophic regime shifts. **ECOLOGICAL COMPLEXITY**, vol. 37, p. 32-37

- 4) Piazzì L, Atzori F, Cadoni N, Cinti MF, Frau F, Ceccherelli G (2018) Benthic mucilage blooms threaten coralligenous reefs. **MARINE ENVIRONMENTAL RESEARCH**, vol. 140, p. 145-151
- 5) L. Piazzì, C. Bonaviri, A. Castelli, G. Ceccherelli, G. Costa, M. Curini-Galletti, J. Langeneck, R. Manconi, M. Montefalcone, C. Pipitone, A. Rosso, S. Pinna (2018) Biodiversity in canopy-forming algae: Structure and spatial variability of the Mediterranean *Cystoseira* assemblages. **ESTUARINE, COASTAL AND SHELF SCIENCE**, vol. 207, p. 132-141
- 6) Ceccherelli G, Oliva S, Pinna S, Piazzì L, Procaccini G, Marin-Guirao L, Dattolo E, Gallia R, La Manna G, Gennaro P, Costa MM, Barrote I, Silva J, Bulleri F (2018) Seagrass collapse due to synergistic stressors is not anticipated by phenological changes. **OECOLOGIA**, vol. 186, p. 1137-1152
- 7) PIAZZI L, GENNARO P, ATZORI F, CADONI N, CINTI MF, FRAU F, CECCHERELLI G (2018) ALEX index enables detection of alien macroalgae invasions across habitats within a Marine Protected Area. **Marine Pollution Bulletin** vol. 128, p.318-323
- 8) PIAZZI L, CECCHERELLI G (2017) Concomitance of oligotrophy and low grazing pressure is essential for the resilience of Mediterranean subtidal forests. **MARINE POLLUTION BULLETIN** vol. 123, p. 197-204
- 9) BULLERI F, BENEDETTI-CECCHI L, CECCHERELLI G, TAMBURELLO L (2017) A few is enough: a low cover of a non-native seaweed reduces the resilience of Mediterranean macroalgal stands to disturbances of varying extent. **BIOLOGICAL INVASIONS** vol. 19, p.2291-2305
- 10) CARONNI S, CALABRETTI C, CAVAGNA G, CECCHERELLI G, DELARIA MA, MACRI G, NAVONE A, PANZALIS P (2017) The invasive microalga *Chrysothrix taylorii*: interactive stressors regulate cell density and mucilage production. **MARINE ENVIRONMENTAL RESEARCH** vol. 129, p.156-165
- 11) PIAZZI L, CECCHERELLI G (2017) Eutrophication affects the resistance of fucoids to an introduced alga. **MARINE ENVIRONMENTAL RESEARCH** vol. 129, p. 189-194
- 12) RUSTICI M, CECCHERELLI G, PIAZZI L (2017) Predator exploitation and sea urchin bistability: consequence on benthic alternative states. **ECOLOGICAL MODELLING** vol. 344, p.1-5
- 13) JORDI BOADA, ROHAN ARTHUR, DAVID ALONSO, JORDI F. PAGÈS, ALBERT PESSARRODONA, SILVIA OLIVA, GIULIA CECCHERELLI, LUIGI PIAZZI, JAVIER ROMERO, TERESA ALCOVERRO (2017) Immanent conditions determine imminent collapses: nutrient regimes define the resilience of macroalgal communities. **Proceedings of the**

**Royal Society B.** vol. 284, ISSN: 1471-2954, doi: 10.1098/rspb.2016.2814

- 14) PIAZZI L, BALATA D, CECCHERELLI G (2017) Resilience of *Cystoseira* beds: lack of canopy effects on recruitment. **BOTANICA MARINA** p. 1-15, DOI 10.1515/bot-2016-0088.
- 15) FARINA S, GUALA I, OLIVA S, PIAZZI L, PIRES DA SILVA R, CECCHERELLI G (2016) The seagrass effect turned upside down changes the prospective of sea urchin survival and landscape implications. **PLOS ONE** vol. 11(10), e0164294
- 16) PIAZZI L, BALATA D, BULLERI F, GENNARO P, CECCHERELLI G (2016) The invasion of *Caulerpa cylindracea* in the Mediterranean: the known, the unknown and the knowable. **MARINE BIOLOGY** vol. 163, 161
- 17) OLIVA S, FARINA S, PINNA S, GUALA I, AGNETTA D, ARIOTTI PA, MURA F, CECCHERELLI G (2016) Determinants of *Paracentrotus lividus* sea urchin recruitment under oligotrophic conditions: implications for conservation management. **MARINE ENVIRONMENTAL RESEARCH** vol. 117, 13-20
- 18) PIAZZI L, BALATA D, CECCHERELLI G (2016) Epiphyte assemblages of the Mediterranean seagrass *Posidonia oceanica*: an overview. **MARINE ECOLOGY**, vol. 37, 3-41
- 19) CUSSEDDU V, CECCHERELLI G, BERTNESS MD (2016) Hierarchical organization of a Sardinian sand dune plant community. **PEER J** vol. 4, e2199
- 20) PIAZZI L, BULLERI F, CECCHERELLI G (2016) Limpets compensate sea urchin decline and enhance the stability of rocky subtidal barrens. **MARINE ENVIRONMENTAL RESEARCH** 115, 49-55
- 21) PIAZZI, L, LA MANNA G, SERENA F, CECCHERELLI G (2016) Protection changes the relevancy of scales of variability in coralligenous assemblages. **ESTUARINE, COASTAL AND SHELF SCIENCE** vol. 175, 62-69
- 22) CARONNI S, DELARIA MA, HEIMANN K, MACRI G, NAVONE A, PANZALIS P, CECCHERELLI G (2016) The role of floating mucilage in the invasive spread of the benthic microalga *Chrysothrix taylorii*. **MARINE ECOLOGY** vol. 37, 867-876
- 23) CARONNI S, CALABRETTI C, DELARIA MA, BERNARDI G, NAVONE A, OCCHIPINTI-AMBROGI A, PANZALIS P, CECCHERELLI G (2015). Consumer depletion alters seagrass resistance to an invasive macroalga. **PLOS ONE** vol. 10(2), e0115858
- 24) PIAZZI L, GENNARO P, CECCHERELLI G (2015) Suitability of the Alien Biotic Index (ALEX) for assessing invasion of macroalgae across different Mediterranean habitats. **MARINE POLLUTION BULLETIN** vol. 97, 234-240
- 25) CARONNI S, BRESCIANI A, DELARIA MA, MELONI F, NAVONE A, PANZALIS P, HEIMANN K, CECCHERELLI G (2015) Ecology of the benthic mucilage-forming microalga

*Chrysophaeum taylorii* in the W Mediterranean Sea: substratum and depth preferences. **ESTUARINE, COASTAL AND SHELF SCIENCE**. 97, 234-240

- 26) AGNETTA D, BADALAMENTI F, CECCHERELLI G, DI TRAPANI F, BONAVIRI C, GIANGUZZA P (2015). Role of two co-occurring Mediterranean sea urchins in the formation of barren from *Cystoseira* canopy. **ESTUARINE, COASTAL AND SHELF SCIENCE**, vol. 152, p.73-77
- 27) LA MANNA G, DONNO Y, SARÀ G, CECCHERELLI G (2015). The detrimental consequences for seagrass of ineffective marine park management related to boat anchoring. **MARINE POLLUTION BULLETIN**, vol. 90, p. 160-166
- 28) CARONNI S, DELARIA MA, NAVONE A, PANZALIS P, SECHI N, CECCHERELLI G (2014). Relevant scales of variability of the benthic allochthonous microalga *Chrysophaeum taylorii*. **MARINE BIOLOGY**, vol. 161, p.1787-1798
- 29) CECCHERELLI G, PINNA S, CUSSEDDU V, BULLERI F (2014). The role of disturbance in promoting the spread of the invasive seaweed *Caulerpa racemosa* in seagrass meadows. **BIOLOGICAL INVASIONS**, vol. 16, p.2737-2745
- 30) PINNA S, SECHI N, CECCHERELLI G (2013). Canopy structure at the edge of seagrass affects sea urchin distribution. **MARINE ECOLOGY PROGRESS SERIES**, vol. 485, p. 47-55
- 31) FARRIS E, PISANU S, CECCHERELLI G, FILIGHEDDU R (2013). Human trampling effects on mediterranean coastal dune plants. **PLANT BIOSYSTEMS**, vol. 147, p. 1043-1051
- 32) PRADO P, TOMAS F, PINNA S, FARINA S, ROCA G, CECCHERELLI G, ROMERO J, ALCOVERRO T (2012). Habitat and scale shape the demographic fate of the keystone sea urchin *Paracentrotus lividus* in Mediterranean macrophyte communities. **PLOS ONE**, vol. 7. <https://doi.org/10.1371/journal.pone.0035170>
- 33) S. PINNA, A. PAIS, P. CAMPUS, N. SECHI, CECCHERELLI G (2012). Habitat preferences of the sea urchin *Paracentrotus lividus*. **MARINE ECOLOGY PROGRESS SERIES**, vol. 445, p. 173-180
- 34) PAIS A, SERRA S, MELONI P, SABA S, CECCHERELLI G (2012). Harvesting effects on *Paracentrotus lividus* population structure: a case study from northwestern Sardinia, Italy, before and after the fishing season. **JOURNAL OF COASTAL RESEARCH**, vol. 28, p. 570-575
- 35) FARRIS E, PISANU S, CECCHERELLI G, FILIGHEDDU R. (2012). Variability at local scales and between habitats in population structure and reproductive traits of the mediterranean plant *Centaurea horrida*: implications for management. **JOURNAL OF**

**COASTAL RESEARCH**, vol. 28, p. 193-198

- 36) BULLERI F, ALESTRA T, CECCHERELLI G, TAMBURELLO L, PINNA S, SECHI N, BENEDETTI-CECCHI L (2011). Determinants of establishment and spread of the seaweed *Caulerpa racemosa* in the north-western Mediterranean. **MARINE ECOLOGY PROGRESS SERIES**, vol. 431, p. 55-67
- 37) CECCHERELLI G, A PAIS, S PINNA, N SECHI, LA CHESSA (2011). Human impact on *Paracentrotus lividus*: the results of harvest restrictions and accessibility of locations. **MARINE BIOLOGY**, vol. 158, p. 845-852
- 38) CECCHERELLI G, PINNA S, NAVONE A, SECHI N (2011). Influence of geographical siting and protection on rocky-shore gastropods distribution at a western Mediterranean MPA. **JOURNAL OF COASTAL RESEARCH**, vol. 27, p. 882-886
- 39) BALMAS V, MIGHELI Q, SCHERM B, GARAU P, O'DONNELL K, CECCHERELLI G, KANG S, GEISER DM (2010). Multilocus phylogenetics shows high levels of endemic fusaria inhabiting Sardinian soils (Tyrrhenian Islands). **MYCOLOGIA**, vol. 102, p. 803-812
- 40) PADEDDA BM, LUGLIE' A, CECCHERELLI G, TREBINI F, N SECHI (2010). Nutrient-flux evaluation by LOICZ biogeochemical model in Mediterranean lagoons: the case of Cabras Lagoon (Central-Western Sardinia). **CHEMISTRY AND ECOLOGY**, vol. 26, p. 147-162
- 41) CASU D, CECCHERELLI G, SECHI N, RUMOLO P, SARÀ G (2009). *Caulerpa racemosa* var. *cylindracea* as a potential source of organic matter for benthic consumers: evidences from a stable isotope analysis. **AQUATIC ECOLOGY**, vol. 43, p. 1023-1029
- 42) FARRIS E, PISANU S, CECCHERELLI G, FILIGHEDDU R (2009). Effects of the management regime on the performance of the endangered Mediterranean *Centaurea horrida* Badarò (Asteraceae). **JOURNAL FOR NATURE CONSERVATION**, vol. 17, p. 15-24
- 43) CECCHERELLI G, S. PINNA, N. SECHI (2009). Evaluating the effects of protection on *Paracentrotus lividus* distribution in two contrasting habitats. **ESTUARINE, COASTAL AND SHELF SCIENCE**, vol. 81, p. 59-64
- 44) PINNA S, PAIS A, CHESSA A, SECHI N, CECCHERELLI G (2009). Leaf partitioning of the seagrass *Posidonia oceanica* between two herbivores: is *Sarpa salpa* herbivory underestimated because of *Paracentrotus lividus* grazing? **ESTUARINE, COASTAL AND SHELF SCIENCE**, vol. 84, p. 21-27
- 45) CECCHERELLI G, PAIS A, PINNA S, SERRA S, SECHI N (2009). On the movement of



- Paracentrotus lividus* towards *Posidonia oceanica* seagrass patches. **JOURNAL OF SHELLFISH RESEARCH**, vol. 28, p. 1-7
- 46) CECCHERELLI G, CAMPO D, MILAZZO M (2007). Short-term response of the slow growing seagrass *Posidonia oceanica* to simulated anchor impact. **MARINE ENVIRONMENTAL RESEARCH**, vol. 61, p. 171-185, ISSN: 0141-1136
- 47) CECCHERELLI G, D. CASU, D. PALA, S. PINNA, N. SECHI (2006). Evaluating the effects of protection on two benthic habitats at Tavolara-Capo Coda Cavallo MPA (North-Sardinia, Italy). **MARINE ENVIRONMENTAL RESEARCH**, vol. 61(2), p. 171-185, ISSN: 0141-1136
- 48) CASU D, CECCHERELLI G, CURINI-GALLETTI M, CASTELLI A (2006). Human exclusion from rocky shores at Asinara Island MPA: an opportunity to investigate the effects of trampling. **MARINE ENVIRONMENTAL RESEARCH**. **MARINE ENVIRONMENTAL RESEARCH**, vol. 62, p. 15-32, ISSN: 0141-1136
- 49) CASU D, CECCHERELLI G, CASTELLI A (2006). Immediate effects of experimental human trampling on mid-upper intertidal benthic invertebrates at the Asinara Island MPA (NW Mediterranean). **HYDROBIOLOGIA**, vol. 555, p. 271-279, ISSN: 0018-8158
- 50) L. PIAZZI, CECCHERELLI G (2006). Persistence of biological invasion effects: recovery of macroalgal assemblages after removal of *Caulerpa racemosa* var. *cylindracea*. **ESTUARINE, COASTAL AND SHELF SCIENCE**, vol. 68, p. 455-461, ISSN: 0272-7714
- 51) CASU D, CECCHERELLI G, CURINI-GALLETTI M, A CASTELLI (2006). Short-term effects of experimental trampling on polychaetes of a rocky intertidal substratum (Asinara Island MPA, NW Mediterranean). **SCIENTIA MARINA**, vol. 70, p. 179-186, ISSN: 0214-8358
- 52) TREBINI F, PADEDDA BM, CECCHERELLI G, LUGLIE', SECHI N (2005). Changes of nutrient concentrations and phytoplankton communities after morphological modification in the S'Ena Arrubia Lagoon (Central-Western Sardinia). **CHEMISTRY AND ECOLOGY**, vol. 21, p. 491-502, ISSN: 1029-0370
- 53) CECCHERELLI G, PIAZZI L (2005). Exploring the success of manual eradication of *Caulerpa racemosa* var *cylindracea* (Caulerpales, Chlorophyta): the effect of the habitat. **CRYPTOGAMIE ALGOLOGIE**, vol. 26, p. 319-328, ISSN: 0181-1568
- 54) CASU D, CECCHERELLI G, CASTELLI A., CURINI-GALLETTI M. (2005). Impact of experimental trampling on meiofauna inhabiting rocky upper infralittoral bottoms at the Asinara Island Marine Protected Area (NW Mediterranean). **MEIOFAUNA MARINA**, vol. 14, p. 183-187, ISSN: 1611-7557

- 55) PIAZZI L, D BALATA, CECCHERELLI G, F. CINELLI - (2005). Interactive effect of sedimentation and *Caulerpa racemosa* var. *cylindracea* invasion on macroalgal assemblages in the Mediterranean Sea. **ESTUARINE, COASTAL AND SHELF SCIENCE**, vol. 64, p. 467-474, ISSN: 0272-7714
- 56) PIAZZI L, MEINESZ A, et al, CECCHERELLI G (2005). Invasion of *Caulerpa racemosa* var. *Cylindracea* in the Mediterranean Sea. An assessment of the spread. **CRYPTOGAMIE ALGOLOGIE**, vol. 26, p. 189-202, ISSN: 0181-1568
- 57) CECCHERELLI G, CASU D E SECHI N (2005). Spatial variation of intertidal assemblages at Tavolara-Capo Coda Cavallo MPA (NE Sardinia): geographical vs. protection effect. **MARINE ENVIRONMENTAL RESEARCH**, vol. 59, p. 533-546, ISSN: 0141-1136
- 58) MILAZZO M, BADALAMENTI F, CECCHERELLI G, CHEMELLO R (2004). Boat anchoring on *Posidonia oceanica* beds in a Marine Protected Area (Italy, western Mediterranean): effect of anchor types in different anchoring stages. **JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY**, vol. 299, p. 51-62, ISSN: 0022-0981
- 59) CASU D, CECCHERELLI G, CASTELLI A. (2004). Spatial distribution of small benthic invertebrates in rocky upper infralittoral at the Asinara Island (NW Mediterranean): a pilot study. **VIE ET MILIEU**, vol. 54, p. 239-245, ISSN: 0240-8759
- 60) PIAZZI L, CECCHERELLI G (2003). Early patterns of *Caulerpa racemosa* recovery in the in the Mediterranean: the influence of algal turfs. **JOURNAL OF THE MARINE BIOLOGICAL ASSOCIATION OF THE UNITED KINGDOM**, vol. 83, p. 27-29, ISSN: 0025-3154
- 61) CECCHERELLI G, CAMPO D (2002). Different effects of *Caulerpa racemosa* on two co-occurring seagrasses. **BOTANICA MARINA**, vol. 45, p. 71-76, ISSN: 0006-8055
- 62) PIAZZI L, CECCHERELLI G (2002). Effects of competition between two introduced *Caulerpa*. **MARINE ECOLOGY PROGRESS SERIES**, vol. 225, p. 189-195, ISSN: 0171-8630
- 63) CECCHERELLI G, SECHI N (2002). Nutrient availability in the sediment and the reciprocal effects of *Cymodocea nodosa*. **HYDROBIOLOGIA**, vol. 474, p. 57-66, ISSN: 0018-8158
- 64) CECCHERELLI G, PIAZZI L, BALATA D (2002). Spread of introduced *Caulerpa* species in macroalgal habitats. **JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY**, vol. 280, p. 1-11, ISSN: 0022-0981
- 65) PIAZZI L, BALATA D, CECCHERELLI G, et al. (2001). Comparative study of the

growth of the two co-occurring introduced green algae *Caulerpa taxifolia* and *Caulerpa racemosa* along the tuscan coast (Italy, Western Mediterranean). **CRYPTOGAMIE. ALGOLOGIE**, vol. 22, p. 459-466, ISSN: 0181-1568

- 66) CECCHERELLI G, PIAZZI L (2001). Dispersal of *Caulerpa racemosa* fragments in the Mediterranean: lack of detachment time effect on establishment. **BOTANICA MARINA**, vol. 44, p. 209-213, ISSN: 0006-8055
- 67) PIAZZI L, CECCHERELLI G, CINELLI F (2001). Threat to macroalgal diversity: effects of the introduced green alga *Caulerpa racemosa* in the Mediterranean. **MARINE ECOLOGY PROGRESS SERIES**, vol. 210, p. 149-159, ISSN: 0171-8630
- 68) CECCHERELLI G, PIAZZI L, CINELLI F (2000). Response of the non-indigenous *Caulerpa racemosa* to the native seagrass *Posidonia oceanica*: effects of shoot density and edge meadow orientation. **JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY**, vol. 243, p. 227-240, ISSN: 0022-0981
- 69) CECCHERELLI G, CINELLI F (1999). A pilot study of nutrient enriched sediments in a *Cymodocea nodosa* bed invaded by *Caulerpa taxifolia*. **BOTANICA MARINA**, vol. 42, p. 409-417, ISSN: 0006-8055
- 70) CECCHERELLI G, CINELLI F (1999). Effects of *Posidonia oceanica* canopy on *Caulerpa taxifolia* size in a north-western Mediterranean bay. **JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY**, vol. 240, p. 19-36, ISSN: 0022-0981
- 71) CECCHERELLI G, CINELLI F (1999). The role of vegetative fragmentation in dispersal of the invasive alga *Caulerpa taxifolia* in the mediterranean. **MARINE ECOLOGY PROGRESS SERIES**, vol. 182, p. 299-303, ISSN: 0171-8630
- 72) CECCHERELLI G, CINELLI F (1998). Habitat effect on spatio-temporal variability of size and density of the introduced alga *Caulerpa taxifolia*. **MARINE ECOLOGY PROGRESS SERIES**, vol. 163, p. 289-294, ISSN: 0171-8630
- 73) CECCHERELLI G, CINELLI F (1997). Short-term effects of nutrient enrichment of the sediment and interactions between the seagrass *Cymodocea nodosa* and the introduced green alga *Caulerpa taxifolia* in a Mediterranean bay. **JOURNAL OF EXPERIMENTAL MARINE BIOLOGY AND ECOLOGY**, vol. 217, p. 165-177, ISSN: 0022-0981
- 74) LARDICCI L, CECCHERELLI G (1997). *Streblospio shrubsolii* (Polychaeta: Spionidae): temporal fluctuations in size and reproductive activity. **CAHIERS DE BIOLOGIE MARINE**, vol. 38, p. 207-214, ISSN: 0007-9723