DAY ZERO
MONDAY 15th
CENPAT-CONICET
(Right next to the Conference Venue)

REGISTRATION
4:00 - 8:00 pm

ICE BREAKER COCKTAIL
6:00 - 8:00 pm

DAY ONE
TUESDAY 16th
Conference Venue Rayentray Hotel

REGISTRATION
Lobby Desk
8:00 - 8:30 am

Hang your poster please!
Arenas Room
8:00 - 9:00 am

WELCOME TO ICMB-X PATAGONIA EDITION
Mimosa Room
8:30 - 9:00 am

JAMES T. CARLTON

Ubi sumus? Quo vadimus?: Perspectives on the Past, Present, and Future of Understanding the Scale and Impact of Marine Bioinvasions

9:00 - 9:30
Mimosa Room

Questions & Comments
9:30 - 9:40
9:45 Amy Freestone | Do strong species interactions in the tropics render tropical communities more resistant to invasion?

10:00 Marcelo Mantelatto | Invasion of aquarium origin soft corals on a tropical rocky reef in the southwest Atlantic, Brazil.

10:15 Edson Vieira | Experimental evidence of water flow affecting sun coral growth: phenotypic plasticity as an important component for invasion success.

10:30 Patricio J. Pereyra | Facilitation between two introduced species in Patagonia: a mechanistical approach.

10:45 Lisa Skein | Implications of the Semimytilus algosus invasion for predator-prey interactions: unexpected insights gained through the combination of field and laboratory studies.

11:00-11:30 COFFEE BREAK Lobby Area

11:30 Isabella Simões | Lionfish behavior day versus night: implications for control efforts.

11:45 Michele F. Repetto | Influence of introduced species, predation, and functional traits on competitive networks across a biogeographic gradient.

9:45 Xavier Pochon | Quadrilateral Scientific Collaboration: Accelerating the development of high-throughput sequencing methods for marine surveillance.


10:15 Paul Czechowski | Advancing global monitoring of ship borne invasive species through streamlined metabarcoding.

10:30 Ulla von Ammon | Combining morpho-taxonomy, metabarcoding and digital droplet PCR to enhance non-indigenous marine pest detections.


11:30 John Darling | DNA metabarcoding for ballast water monitoring: An evaluation for three major United States ports.

11:45 Tiffany Simpson | Considerations and case studies in the design and implementation of eDNA biosecurity surveillance using metabarcoding.
### Mimosa Room

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<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>12:00</td>
<td>Nicolás Battini</td>
<td>Recent invaders in the South Western Atlantic: what causes underlie their invasive success?</td>
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<tr>
<td>12:30</td>
<td>Jean-Charles Leclerc</td>
<td>Influence of anthropogenic activities and substrate type on the distribution of NIS in the Biobio region, Chile.</td>
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### Arenas Room

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<tr>
<td>12:00</td>
<td>Mehrdad Hajibabaei</td>
<td>A bucketful of eDNA? Optimal experimental conditions for assessment of marine biodiversity through eDNA metabarcoding.</td>
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<tr>
<td>12:15</td>
<td>Cathryn Abbott</td>
<td>Evaluating the utility of qPCR applied to eDNA as a potential proxy for green crab abundance by direct comparison with traditional methods.</td>
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<td>12:30</td>
<td>Anastasija Zaiko</td>
<td>Molecular tools for implementing international ballast water regulations - insights from a cross-latitudinal en-route study.</td>
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### 12:45 - 1:45 LUNCH Venue Restaurant “La Aguada”

GREGORY RUIZ

Invasions across latitudes: Macroscale patterns, mechanisms, and predictions

1:45 - 2:15
Mimosa Room
Questions & Comments
2:15 - 2:25

### 2:30 - 3:45

### Mimosa Room

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<tr>
<td>2:30</td>
<td>Stephan Gollasch</td>
<td>Testing Ballast Water Management Systems – Challenge Water Conditions During more than 100 Test Voyages.</td>
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<td>2:45</td>
<td>Lisa Drake</td>
<td>The Practicability of Combining Ballast Water Exchange with Ballast Water Treatment: Results of Shipowner Survey.</td>
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<tr>
<td>3:00</td>
<td>Julie Kuo</td>
<td>Hawaii's Ballast Water and Biofouling Program: Managing the top two vectors of aquatic alien species transfer.</td>
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<tr>
<td>3:15</td>
<td>Marnie L. Campbell</td>
<td>Rafting of pests from aquaculture to nearby coastlines.</td>
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### Arenas Room

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<tr>
<td>2:30</td>
<td>Marty Deveney</td>
<td>Validating molecular surveys for marine pests in Australia.</td>
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<tr>
<td>2:45</td>
<td>Marc Rius</td>
<td>Marine invasion genomics: Revealing ecological and evolutionary mechanisms shaping biological invasions.</td>
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<td>3:00</td>
<td>Phil Davison</td>
<td>Detection of Mnemiopsis leidyi in UK coastal waters using an environmental DNA approach.</td>
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### 3:15 - 3:45

### Arenas Room

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<tr>
<td>3:15</td>
<td>Gil Rilov</td>
<td>Loss or gain? The complex role of thermophilic aliens in fast-warming seas where heat-sensitive natives collapse.</td>
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<td>3:30</td>
<td>Mimosa Room</td>
<td><strong>Lauren M. Fletcher</strong></td>
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<td>Arenas Room</td>
<td><strong>Henn Ojaveer</strong></td>
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<td>Lobby Area</td>
<td><strong>COFFEE BREAK</strong></td>
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<td>4:15</td>
<td>Mimosa Room</td>
<td><strong>Siobhan Vye</strong></td>
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<td>Arenas Room</td>
<td><strong>Marcos Tatián</strong></td>
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<td>Mimosa Room</td>
<td><strong>Graeme Inglis</strong></td>
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<td><strong>Carlo Nike Bianchi</strong></td>
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<td><strong>Saa Henry Kabuta</strong></td>
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<td><strong>Henn Ojaveer</strong></td>
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<td>5:00</td>
<td>Mimosa Room</td>
<td><strong>Karen Castro</strong></td>
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<td>5:00</td>
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<td><strong>Emma Cebrian</strong></td>
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<td>5:15</td>
<td>Mimosa Room</td>
<td><strong>Lucas Neves da Rocha</strong></td>
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<td>5:30</td>
<td>Arenas Room</td>
<td><strong>Farrah Chan</strong></td>
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<td>5:45</td>
<td>Arenas Room</td>
<td><strong>POSTER SESSION AND CATERING SERVICE</strong></td>
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**ATTENTION!! MAKE SURE YOUR POSTER IS READY EARLY IN THE MORNING, FROM 8-9 AM**
DAY TWO
WEDNESDAY 17TH

ROSAÑA ROCHA

Ascidians in the anthropocene - Invasions waiting to happen
9:00 - 9:30
Mimosa Room

Questions & Comments
9:30 - 9:40

9:45 - 11:00

Mimosa Room
ECOLOGY AND BIOLOGY OF INVADERS III

9:45 Javier Atalah | Economic impact from blue mussel Mytilus galloprovincialis biofouling on green-lipped mussel (Perna canaliculus) aquaculture.

10:00 Rebecca Barnard | A Crab Trilogy: Influence of Parasites on Interactions and Interrelations between Two Introduced and One Native Crab.

10:15 Jyothi Kara | A reassessment of the alien nereidids from South Africa: why thorough taxonomic investigations are necessary before declaring species as alien.

10:30 Andrea Junqueira | How long does it take to detect bioinvasion impacts? Monitoring of the invasive Saccostrea cucullata and the native Crassostrea rhizophorae (Ostreidae) on a rocky shore in the southeast Brazil.

10:45 Paul Gribben | Effects of disturbance and propagule pressure on invasion success are mediated by propagule quality.

Arenas Room
ADAPTIVE EVOLUTION IN BIOLOGICAL INVASIONS I
(Co-Chairs: April Blakeslee, Carolyn Tepolt)

9:45 Carolyn Tepolt | Rapid adaptation and differentiation despite low genetic diversity in European green crab populations along the west coast of North America

10:00 Yaping Lin | What can geographic origin of species tell us about biological invasions?


10:30 Renee Halloran | Thick or thin? Comparing induced defenses in snail congeners in response to an invasive crushing predator.

10:45 Frédérique Viard | Population genomics of the introduced and cultivated Pacific kelp Undaria pinnatifida: marinas-not farms - drive regional connectivity and establishment in natural rocky reefs

11:00 - 11:30 COFFEE BREAK Lobby Area
11:30 - 12:45

Mimosa Room
ECOLOGY AND BIOLOGY OF INVADERS IV

11:30 Javier Atalah | Impacts of the Mediterranean fanworm *Sabella spallanzanii* on subtidal soft-sediment macrofaunal and bacterial communities.

11:45 Judith Pederson | Seasonal Use of Open Spaces by Non-Native and Native Species.

12:00 Felipe Oricchio | Diversity of native and exotic species in six urbanized habitats located between the two most populated regions from the southwestern Atlantic Ocean.

12:15 Carlos R. Ventura | Population size structure, asexual reproduction and somatic growth estimates of the non-indigenous brittle star *Ophiotelella cf. mirabilis* (Echinodermata) in the southeastern coast of Brazil.

12:30 Patricio J. Perea | When Introduced equals invasive: Normative use of "invasive" with ascidians.

Arenas Room
ADAPTIVE EVOLUTION IN BIOLOGICAL INVASIONS II
(Co-Chairs: April Blakeslee, Carolyn Teppot)

11:30 Gastón Aluralde | Can anthropogenic forcing shape ascidian invasive potential in a warming ocean?

11:45 Sávio H. Calazans C. | Unlocking the history of a trans-Atlantic invader: evolutionary history of *Perna perna*.

12:00 April Blakeslee | Altered susceptibility to trematode parasite infection in native versus introduced populations of the European green crab, *Carcinus maenas*.

12:15 Edwin Grosbolz | The Moran effect and regional synchrony of introduced European green crab populations in Western North America.

12:30 Philipp Laeseke | Potential suitable habitat of the invasive red alga *Caprioila impexa* along South American and native coasts under present day and future climate conditions – based on correlative and mechanistic modelling.

12:45 - 1:45 LUNCH
Venue Restaurant "La Aguada"

ELIZABETH COTTIER-COOK

The aquaculture and aliens paradox: Could the reliance of the aquaculture industry on non-native species lead to its downfall?

1:45 - 2:15
Mimosa Room

Questions & Comments
2:15 - 2:25

2:30 – 2:55 ICMB-X PATAGONIA EDITION PHOTO
Conference Venue front yard

3:00 - 4:00

Mimosa Room
PREDICTIONS AND REGIONAL DISPERSAL I

3:00 Gabrielle Koerich | Ecophysiology and Ecological Niche Modeling of the invasive red algae *Grateloupia turuturi* (Rhodophyta, Rhodophyta).

Arenas Room
SOCIETY - CITIZEN SCIENCE I

3:00 Paola Rodríguez-Salinas | Identifying, mapping and assessing perceived coastal and marine values in the 21st century.
### Mimosa Room

**3:15 Lauren Fletcher** | Marine pest distribution, reservoirs and dispersal firebreaks in relation to green-lipped mussel farms in New Zealand.

**3:30 Marty Deveney** | Disease translocation in a connected world: the anatomy of a mollusc disease outbreak.

**3:45 Kimberly Howland** | Predicting hotspots of new habitats of high-risk aquatic invasive species in the Arctic.

### Arenas Room

**3:15 Paola Parretti** | Engagement in marine NIS management: what really moves local stakeholders?


**3:45 Marnie Campbell** | New Zealand societal perceptions of critical values and thresholds of acceptable change within a marine biosecurity context.

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#### 4:00 - 4:30 COFFEE BREAK Lobby Area

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#### 4:30 - 5:30

### Mimosa Room

**PREDICTIONS AND REGIONAL DISPERSION II**

**4:30 Jessica Schiller** | Heading northward to Scandinavia - *Undaria pinnatifida* in the northern Wadden Sea.

**4:45 Gabrielle Koerich** | Potential distribution of the invasive brown seaweed *Sargassum muticum*: an evaluation of physiological traits and Habitat Suitability Modeling.

**5:00 Martina Orlando-Bonaca** | A review of non-indigenous macrophytes in Adriatic transitional waters and ports (Mediterranean Sea).

### Arenas Room

**VECTORS AND THEIR MANAGEMENT III**

**4:30 Gemma Martinez-Laiz** | Recreational boating as a vector of spread in the Mediterranean Sea: linking boaters habits and peracarids assemblages.

**4:45 Daniel Kluza** | Does this look risky to you? Profiling vessel biofouling in a biosecurity context.

**5:00 Amy Fowler** | A synthesis of the marine live bait trade as a vector for species invasions.

**5:15 João Canning-Clode** | Hitch-hikers on marine debris: understanding new arrivals in an offshore island.

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**FRANCISCO SYLVESTER**

Ballast water and hull fouling in Argentina and South America: vector assessment and regulations

5:30 - 6:00
Mimosa Room

Questions & Comments
6:00 - 6:10

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**JAMES T. CARLTON**

“In Memoriam: Professors Susan Williams and Alfred Crosby”

6:15 – 6:30
Mimosa Room

**General and Early Career Awards Announcements**

6:30 - 7:15
Mimosa Room
Marine Biosecurity Downunder: A 30 year retrospective on the development of world-class systems to deliver outcomes in a fluid environment
9:00 - 9:30
Mimosa Room

Questions & Comments
9:30 - 9:40

9:45 - 11:15

Mimosa Room

CONTROLLING INVASIVE MARINE SPECIES I:
Natural factors and management actions that regulate the outbreak of populations
(Co-Chairs: Tjaša Kogovšek, Davor Lučić)

9:45 Tjaša Kogovšek | Do parasites act as a natural control in regulating the non-native Mnemiopsis leidyi population from the northern Adriatic Sea?

10:00 Jorge Santamaría | When natives can control aliens. Fish herbivory reduces the proliferation of the invasive alga Caulerpa cylindracea in the Western Mediterranean Sea.

10:15 Joel Creed | Use of vinegar/acetic acid for the control and eradication of aquatic pests: a review of uses and experimental evaluation on invasive corals (Tubastrea spp.).

10:30 Chela Zabin | Management of the invasive oyster drill Urosalpinx cinerea to improve native oyster (Ostrea lurida) restoration outcomes: field experiments in San Francisco Bay.

10:45 Rebecca Giesler | Salinity shock as a biosecurity control: Short-term exposure to freshwater as a treatment for fouling marine invasive species.

11:00 Fred Wells | Keeping the pests at bay: a case study of detailing how vessel biosecurity and marine monitoring reduced the potential of introducing pests into a marine reserve.

Arenas Room

FUNCTIONAL ECOLOGY OF MARINE BIOINVASIONS I
(Co-Chairs: Marleen De Troch, Sergej Olenin)

9:45 Marleen De Troch | Feeding ecology of the invasive ctenophore Mnemiopsis leidyi as key to success: a trophic biomarker approach.

10:00 Macarena Ros | Does ecophysiology modulate biotic interactions and determine invasion success? A perspective from caprellid amphipods.

10:15 Gustavo M. Dias | Biotic resistance to invasion is stronger in the tropics and mediated by functional traits of prey.

10:30, Leigh Tait | Density related impacts of the invasive Mediterranean fanworm, Sabella spallanzanii on ecosystem functioning.

10:45 Diana Lopez | Functional differentiation between native and non-native species from temperate and tropical communities.

11:00 Jean-Charles Leclerc | Biotic resistance under realistic assembly rules within fouling communities.

11:15 - 11:45 COFFEE BREAK Lobby Area
## 11:45 - 12:45

**Mimosa Room**

**CONTROLLING INVASIVE MARINE SPECIES II:** Natural factors and management actions that regulate the outburst of populations  
(Co-Chairs: Tjaša Kogovšek, Davor Lučič)

11:45 Agnese Marchini | Roadmap to the management of marine invasive alien species in Europe: a prioritization exercise in a Mediterranean country.

12:00 Lais P.D. Naval-Xavier | Eco-engineering in a harbour area at Rio de Janeiro, Brazil and its implications to biofouling and non-indigenous species management.

12:15 Graeme Inglis | Crowd-sourcing innovative solutions for the eradication and control of invasive marine species.

12:30 Sylvaine Giakoumi | Identifying actions for the mitigation of biological invasions in the Mediterranean Sea.

**Arenas Room**

**VECTORS AND THEIR MANAGEMENT IV**

11:45 Valentina Turk | Microbial bioinvasions via ships’ ballast water.

12:00 Inti Keith | Status and Trends of Marine Bioinvasions and Invasion Vectors in the Galapagos Archipelago and the Cocos Islands.

12:15 Shaun Cunningham | Mitigating the threat of marine invasive species to Fiordland, New Zealand: A pathway management approach.

12:30 Noa Shenkar | The ongoing effect of the container revolution on marine bioinvasion.

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**12:45 - 1:45 LUNCH Venue Restaurant “La Aguada”**

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**Tamara Robinson**

Intraregional spread of marine alien species: Integrating research and management  
1:45 - 2:15  
Mimosa Room

Questions & Comments  
2:15 - 2:25

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**2:30 - 4:00**

**Mimosa Room**

**CONTROLLING INVASIVE MARINE SPECIES III:** Natural factors and management actions that regulate the outburst of populations  
(Co-Chairs: Tjaša Kogovšek, Davor Lučič)

2:30 Ignacio Gestoso | The role of ecosystem engineer species in shaping the resistance of resident communities to marine invasion events.

2:45 Tjaša Kogovšek | The potential of the invasive ctenophore Mnemiopsis leidyi as a source of protein in fish feed.

3:00 Nathalie Simard | Development of a predictive model to avoid settlement of the invasive bryozoan Membranipora membranacea on cultured kelps.

**Arenas Room**

**VECTORS AND THEIR MANAGEMENT V**

2:30 Nicky Fitzgibbon | New Zealand’s biosecurity response to Bonamia ostreae.

2:45 Mariana Bonfim | Predation pressure and propagule supply: How biotic resistance can affect probability of successful ship-borne introductions in marine nearshore ecosystems.

3:00 Vesna Flander-Putrić | Ballast waters as an important vector for the transfer of Harmful Aquatic Organisms and Pathogens (HAOP) and Non-Indigenous Species (NIS)-BALMAS project case study.
Mimosa Room

3:15 Luciana Alvater | Influence of the temperature on settlement and mortality of larvae of the invasive coral Tubastrea coccinea Lesson, 1829.

Arenas Room

3:15 Anali J. Campean | Non-native marine species around a natural and artificial habitat at central coast of Peru.


3:45 Andrea Botelho | Marine NIS Azores Monitoring Program.

4:00 - 4:30 COFFEE BREAK Lobby Area

4:30 - 6:15

Mimosa Room

PREDICTIONS AND REGIONAL DISPERSION III

4:30 Patrick Derviche | What drives the invasion of the brittle star Ophiothela mirabilis (Verrill, 1867) along a subtropical coast?

4:45 Jonas Letschert | The Effect of Tourism on Benthic Introduced Species in the Galapagos Marine Reserve.

5:00 Leigh Tait | Using expert elicitation to develop a prioritization framework for marine bioinvasions.

5:15 Marnie L. Campbell | Creating an effective biosecurity risk model that assesses all values: A New Zealand example.

Arenas Room

ECOLOGY AND BIOLOGY OF INVADERS V

4:30 Beatriz Fleury | Change structure and abundance of shallow tropical rocky shore benthos over twelve years invasion by the corals Tubastrea spp.

4:45 Layla Tunala | Photosynthetic performance of coral reef Siderastrea stellata under influence of non-indigenous ascidian.

5:00 Kamal Ranatunga | Chemical evidences of Schizoporella errata for high perseverance in marine environment: Cytotoxicity and volatile compound analysis.

5:15 Kamal Ranatunga | Invasive behavior of Schizoporella errata on the ecology of native fouling community: Results from a study using experimental test panels.

5:30 - 6:15

SOCIAL - CITIZENS SCIENCE II

5:30 Amy Fowler | INVASIVESNET: International Association for Open Knowledge on Invasive Alien Species.

5:45 Agnese Marchini | Introducing the World Register of Introduced Marine Species (WRiMS).

6:00 Kimberly Howland | Incorporating new genetic tools in community-based monitoring for nonindigenous species in the Canadian Arctic.

6:15 ICMB-X Closing Remarks - Mimosa Room
POSTER SESSION

CATERING SERVICE

5:45 - 7:45
Arenas Room

1. Invasive benthic microalgae: the curious case of Chrysochroma taylorii in the NW Mediterranean.
S. Caroni, Giulia Ceccherelli

2. Opportunistic epibiosis enables non indigenous invertebrates to insinuate themselves into space limited environments.
Kaeden Leonard, M. Campbell, C. Primo, C. Hewitt

3. Recently colonized non-indigenous species in native fish species diet: case studies from Archipelago Sea, SW Finland.
Olli Loisa, P. Puntila, E. Huhta, J. Laaksonen

4. An experimental study of growth interactions between the tropical zoantharian Palythoa caribaeorum (Cnidaria: Anthozoa) and invasive corals Tubastrea spp.
I. Guilhem, Bruno Masi, J. Creed

5. The ascidian Asterocarpa humilis (Heller, 1878) in the South Western Atlantic: a native or introduced species?
Anaabel Taverna, M.C. de Aranzamendi, T. Maggioni, G. Alurralde, X. Turon, M. Tatián

6. Population aspects of Euletes tulipa (Rousseau in Chenu, 1843) in port areas at Northeast Brazil.
André Portifino, D. Bezerra, W. Franklin-Junior

7. The Green Crab (Carcinus maenas) as a novel food source for the opportunistic Kelp Gull (Larus dominicanus) in Patagonia, Argentina.
Miriam Policelli, T. Kasinsky, N. Suárez, P. Yorio

8. Six years of monitoring of the invasive corals Tubastrea spp. in the benthic communities of ESEC-Tamoios Marine Protected Area, RJ, Brazil.
Y. Vançato, J. Creed, Beatriz Fleury

9. Behaviour of Tubastrea coccinea in different temperatures and in ecological interaction with a native sessile species.
Bruna B. Winter, A.C. Almeida Saá, T.C.L. Silveira, N. Schubert, B. Segal, M. Crivellaro, G. Pereira

10. Effects of changes in temperature in the invasive sun coral Tubastrea coccinea, the native zoanthid Palythoa caribaeorum and their interaction.

11. Invasive corals Tubastrea spp. competing with sponges (Porifera, Demospongiae), Ilha Grande Bay, Southeastern Brazil.

12. Invasion of the coral Tubastrea through a Marine Protected Area and effectiveness of control measures for conservation in Brazil.
Amanda Guilherme da Silva, J. Creed, B. Fleury

13. Environmental matching used to predict range expansion of two invasive corals (Tubastrea spp.).
Herick Santos, F. Silva, B. Masi, B. Fleury, J. Creed

Herick Santos, B. Masi, B. Fleury, J. Creed

16. Parasite infestation of the invasive round goby in the Baltic Sea. **Henn Ojaveer**, A. Turovski, K. Nurkse


19. Spatial distribution, host species and observed rafting of the non-indigenous brittle star *Ophiothela mirabilis* (Echinodermata: Ophiuroidea) at Ilha Grande Bay, Brazil. **Marcelo Mantelatto**, L. C.-Júnior, J. Creed


22. Invasion of *Buccornia proboscidea* (Annelida: Spionidae) in South America. **V. I. Rashadovsky**, **María Emilia Díez**

23. A New Method to Assess the Risk of Sun Coral Invasion in Marine Protected Areas. **T. Couto**, E. Omena, S. Oigman-Pszczol, **Andrea Junqueira**


25. Distribution of *Ciona robusta* Hoshino & Tokioka, 1967 and *Rhodosoma turcicum* (Savigny, 1816) along Brazilian coast. **D. Barboza**, **Luis F. Skinner**


27. The Sepetiba bay is a great gateway to fouling organisms! A study on serpulid polychaetes (Annelida - Serpulidae). **Andrielle Raposo Rodrigues**, V. da Rocha Miranda, A. C. dos Santos Brasil

28. Invasion patterns in artificial vs natural marine habitats: peracarids as models at different spatial scales in the Southwestern Atlantic. **Carlos Rumbold**, N. Battini, C. Giachetti, K. Castro, S. Obenat, E. Schwindt


31. The Biodiversity Heritage Library (BHL): Empowering Research on Marine Bioinvasions and Beyond. **Grace Costantino**

32. Harbors and marinas as recipient areas of non indigenous mollusk species in Slovenia. **Domen Trkove**, B. Mavric, L. Lipej
33. Hitch-hiking with diving-boats: the risk of NIS dispersal in islands.
Paola Parretti, J. Ferrario, A. Marchini, J. Canning-Clode, A. C. Costa

34. Contributions for the management of exotic marine species at port of Suape, Brazil.
Everthon Xavier, A. Silva, L. Vieira

35. Green chemistry as a sustainable source of potential additives for marine antifouling paints.
A. Escobar, M. Pérez, A. Sathicq, M. Garcia, Analia Paola, G. Romanelli, G. Blustein

36. Antifouling activity of azulenoid sesquiterpenes from the antarctic gorgonian Acanthogorgia laxa.
L. Patiño Cano, Analia Paola, M. Pérez, M. García, L. Schejter, R. Quintana Manfredi, R. Cordeiro,
C. Pérez, J. Palermo, G. Blustein

37. The Asian shore crab, Hemigrapsus sanguineus, invasion may be facilitated by high pesticide tolerance.
Aaron Freeman, A. Henaghan, H. Louima, V. Martinez, E. Taub

38. How marine plastic could be facilitating invasive species introduction into and throughout the
Galápagos Islands.
Jessica Howard, T. Hannam-Penfold, I. Keith, J. Carlton

Magali Bobinac, J. Chiarandini, M. Abellando, K. Castro, E. Schwindt

40. Marine traffic and exotic species in ports of Argentina: needs for early detection and rapid
response plans.
Mariana Abellando, J. Chiarandini, M. Bobinac, K. Castro, E. Schwindt

41. Early detection of the invasive diatom Didymosphenia geminata (Lyngbye) in the Beagle Channel.
Jessica Chiarandini, M. Bobinac, M. Abellando

42. Bowed down in a sea of troubles: the role of recreational boats in the spread of alien species in the
Mediterranean Sea.
A. Ulman, Jasmine Ferrario, A. Forcada, H. Seebens, C. Arvanitidis, A. Occhipinti-Ambrogi, A. Marchini

43. Who's next? Marinas of the Red Sea, potential sources of marine species introductions in the
Mediterranean Sea.
M. El-Metwally, Jasmine Ferrario, M. Bertoni, C. Bogi, J. Langeneck, A. Marchini, A. Occhipinti-Ambrogi

44. Disturbance and fouling communities: the role of non-indigenous species on artificial habitats and
natural shores.
Jasmine Ferrario, I. Gestoso, P. Ramalhosa, E. Cabacelos, J. Canning-Clode

45. Invaders on the run: the capability of marine invertebrates to tolerate aperiodic extreme events.

46. Low salinity stress increases mortality in fouling communities and reduces colonization of
non-natives in nearshore subtidal systems.
Mariana Bonfim, M. F. Repetto, D. P. Lopez, E. Huynh, L. J. Jurgens, G. M. Ruiz, M. E. Torchin,
A. L. Freestone

47. Can we rely on climate warming as a limiting factor for Caulerpa cylindracea invasion?
L. Clapés, Jorge Santamaria, E. Cebrian, A. Vergés

48. Invasions as Consequences of Change: Examples from the Californias.
Jeffrey Crooks, J. Lorda, K. Uyeda, J. McCullough, M. Almeida, M. Belen-Gonzalez

49. Unexpected guests at the table: how a non-native ascidian uses food resources and its consequences
on ecosystem functioning.
Emilia Calcagno, C. Giachetti, G. Alurralde, N. Battini, E. Schwindt, M. Tatián

50. Use of the Flow Cytometry Technique in the Detection of Bacteria Present in Ballast Water.
Aline Câmara, L. Fernandes
51. Bathymetric distribution of invasive and native molluscs at Northeastern Brazilian ports. 
**Cristina Rocha-Barreira**, D. Bezerra, W. Franklin-Júnior

**Leníze Maia**, T. Silva, L. F. de Oliveira

53. Analysis of the allelopathic effect of invasive coral *Tubastraea coccinea* on the growth of *Darwinella* sp. in Arraiolos do Cabo, RJ. 
**Kiani Sant’ Anna**, L. Altvater, A. Kassuga, R. Menezes, R. Coutinho

54. Biota associated with the non-indigenous octocoral *Chromonephthea braziliensis* van Ofwegen, 2005 and its influence on the benthic community in Southeast Brazil. 
**Luciana Altvater**, L. P. D. Naval-Xavier, A. D. Kassuga, R. Coutinho


E. Chiesa, P. Correa, P. Muniz, **Ernesto Brugnoli**

57. The impact of control actions in the populational structure of the sun coral *Tubastraea coccinea* in its Atlantic Southern limit of distribution. 
**Marcelo Crivellaro**, L. Battaglin, T. Silveira, A. Carvalhal, B. Segal

58. Development of a Molecular Methodology for Invasive Species Early Detection: First Steps - Starting a Genomic Library. 
**Júlia Bueno**, V. Padula, R. Coutinho

59. A novel protocol for Indicative Analyses to check ballast water under the Port State Control perspective. 
**Lohengrin Fernandes**, A. Câmara, F. Fernandes

60. Invasion pattern and diversity of *Tubastrea* in the Western Atlantic: an integrative approach. 
E. A. Hoffman, R. Coutinho

61. First record of the invasive Asian green mussel *Perna viridis* (Linnaeus, 1758) in the Western South Atlantic. 
**José Eduardo A. Gonçalves**, H. Fabian Messano, L. V. R. De Messano, S. H. Calazans, R. Coutinho

**J. Rolando Bastida-Zavala**, J. A. de León-González

64. Sun Coral Project: linking scientific knowledge and education to manage the biological invasion of *Tubastrea* spp. in Brazil. 
E. Omena, **Simone Oigman-Pszczol**, B. Fleury, A. Junqueira, T. Couto, C. Zilberberg, A. Bertoncini, 
B. Masl, E. Jüniorn, J. Creed

65. Unraveling the origin and potential invasibility of *Lophocladia* sp. in the Mediterranean Sea. 
**Raul Golo**, A. Vergés, E. Cebrian
SOCIAL – SCIENCE – ART EVENTS

We have prepared THREE social events that combine science, society and art

THURSDAY 18TH

CONFERENCE DINNER

Dine and enjoy a nice evening together by the side of the Patagonian Seal.
Check the website for registration: http://www.marinebioinvasions.info/conference_dinner

FRIDAY 19TH

FIELD TRIP

Join us to the trip to the beautiful Cerro Avanzado point, a gorgeous site with rocky and soft bottom intertials, including a small Patagonian rocky marsh.
Check the website for details: http://www.marinebioinvasions.info/field_trips

FRIDAY 19TH

ART EXHIBIT

Join us to enjoy the exhibition of art and science made by Yagui Art and Dario Podestá at Museo Municipal de Arte (Avda. Roca 444).

OTHER ACTIVITIES

including Restaurants and Touristic Attractions

Check this City Guide!!!
Xth INTERNATIONAL CONFERENCE ON MARINE BIOINVASIONS
Puerto Madryn, Patagonia, Argentina
August 16-18, 2018

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