

## TCS Mid-Year Meeting 2007 PROGRAM OVERVIEW

### Sunday, 14 October

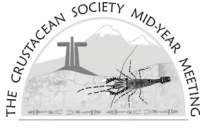
- 14:00 – 18:00 : **Registration**
- 18:00 : **Welcome wine at La Serena Club Resort**

### Monday, 15 October

- 09:00 -10:00 : **Keynote, Room Elqui 1, 2 & 3:**  
Miriam Fernandez, PARENTAL CARE IN BRACHYURAN CRABS.
- 10:00 -10:30 : **COFFEE**
- 10:30 -13:00 : **Symposium, Room Elqui 1 & 2: Larval Ecology**  
Anger, Thatje, Montgomery, Morgan and Rittschof.
- 10:30 -13:00 : **Symposium, Room Elqui 3: Chemical communication**  
Breithaupt, Caldwell, Derby and Hardege
- 13:00 -14:30 : **LUNCH**
- 14:30 -15:50 : **Oral Presentations**  
Elqui 1: Physiology 1  
Elqui 2: Reproduction  
Elqui 3: Larval Ecology 1
- 15:50 -16:20 : **COFFEE**
- 16:20 -17:20 : **Oral Presentations**  
Elqui 1: Physiology 2  
Elqui 2: Behaviour and Life History  
Elqui 3: Larval Ecology 2
- 17:20 -19:00 : **Poster Presentations**  
Session 1 - Reproduction, Developmental Biology and Physiology
- 19:00 - 20.00 : **COCKTAIL**
- 20:00 - ..... : **VIDEO NIGHT, Elqui 1, 2 & 3**

### Tuesday, 16 October

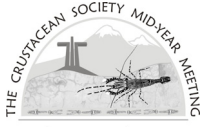
- 09:00 -10:00 : **Keynote, Room Elqui 1, 2 & 3:**  
Ruben Escibano, LIFE CYCLES OF HUMBOLDT CURRENT COPEPODS.
- 10:00 -10:30 : **COFFEE**
- 10:30 -13:00 : **Symposium Elqui 1 & 2: Ecology and Evolution of Freshwater Amphipods**  
Wellborn, Fong, Glazier, Macdonald, Witt.
- Symposium Elqui 3: Migration and Movements**  
Bauer, Briones-Fourzán, Covich, Hines, Queiroga.



- 13:00 -14:30 : **LUNCH**  
14:30 -15:50 : **Oral Presentations**  
Elqui 1: Crustaceans from Chile  
Elqui 2: Biogeography  
Elqui 3: Phylogeny
- 15:50 -16:20 : **COFFEE**
- 16:20 -17:20 : **Oral Presentations**  
Elqui 1: Invasive species  
Elqui 2: Molecular Ecology  
Elqui 3: Symbiotic Relationships
- 17:20 -19:30 : **Poster Presentations**  
Session 2 - Ecology, Zoogeography and Taxonomy
- 19:00 - ..... : **Elqui 2: Meeting of TCS**  
19:20 - : **Elqui 3: Meeting of ALCARCINUS**

### **Wednesday, October 17**

- 08:30 - 09:30 : **Keynote, Room Elqui 1, 2 & 3:**  
Ingo Wehrtmann and Patricio Arana, DEEPWATER DECAPODS AND THEIR FISHERY ALONG THE PACIFIC COAST OF LATIN AMERICA.
- 09:30 – 10:00 : **Symposium, Room Elqui 1, 2 & 3: Fisheries 1**  
Orensanz, Barón.
- 10:00 -10:30 : **COFFEE**
- 10:30 -13:00 : **Symposium, Room Elqui 1, 2 & 3: Fisheries 2**  
Orensanz, D'Incao, Ernst, Lovrich, Parada and Saint-Marie.
- 13:00 -14:30 : **LUNCH**
- 14:30 -15:50 : **Oral Presentations**  
Elqui 1: Fisheries  
Elqui 2: Ecology  
Elqui 3: Genetic diversity
- 15:50 -16:20 : **COFFEE**
- 16:20 -17:20 : **Oral Presentations**  
Elqui 1: General Taxonomy & Paleocarcinology  
Elqui 2: Peracarid Taxonomy  
Elqui 3: Diverse Crustacean Ecology
- 17:20 -19:30 : **Poster Presentations**  
Session 3 - Fisheries, Applied and other Crustacean Biology
- 20:30 -..... : **Banquet**



## DETAILED PROGRAM TCS Mid-Year Meeting 2007

### Sunday, 14 October

- 14:00 – 18:00 : **Registration**
- 18:00 : **Welcome wine at La Serena Club Resort**

### Monday, 15 October

- 09:00 -10:00 : **Keynote, Room Elqui 1, 2 & 3:**  
Fernandez, Miriam: PARENTAL CARE IN BRACHYURAN CRABS: THE EFFECTS OF BODY SIZE AND TEMPERATURE.
- 10:00 -10:30 : **COFFEE**
- 10:30 -13:00 : Symposium, Room Elqui 1 & 2: Larval Ecology**  
(Chairs: Klaus Anger and Sven Thatje)
- 10:30 -11:00 : Anger, Klaus: INTRASPECIFIC VARIABILITY: A NEGLECTED FRONTIER IN THE LARVAL BIOLOGY OF DECAPOD CRUSTACEANS.
- 11:00 - 11:30 : Thatje, Sven: POLAR AND DEEP SEAS: LIMITS TO LARVAL DEVELOPMENT IN EXTREME ENVIRONMENTS.
- 11:30 - 12:00 : Montgomery, John: SOUND AS A SETTLEMENT CUE: EVIDENCE FROM REEF FISHES AND CRUSTACEANS.
- 12:00 - 12:30 : Morgan, Steven: CHANCE VS. PREDICTABILITY IN THE SURVIVAL OF LARVAE ACROSS SPECIES' RANGES.
- 12:30 - 13:00 : Rittschoff, Dan: PREDICTING CRUSTACEAN LARVAL BEHAVIOR AND SETTLEMENT: THE CHEMISTRY OF SETTLEMENT FROM A BIOLOGICAL PERSPECTIVE.
- 10:30 -13:00 : Symposium, Room Elqui 3: Chemical communication**  
(Chair: Thomas Breithaupt)
- 10:30 -11:00 : Breithaupt, Thomas : CHEMICAL COMMUNICATION IN CRAYFISH: THE ROLE OF URINARY SIGNALS IN DOMINANCE AND COURTSHIP INTERACTIONS.
- 11:00 - 11:30 : Caldwell, Roy: STOMATOPODS: A MODEL SYSTEM FOR HOW CHEMICAL COMMUNICATION MEDIATES AGONISTIC BEHAVIOUR IN CRUSTACEANS.
- 11:30 - 12:00 : Derby, Charles: CHEMORECEPTION IN LOVE, FEAR, AND ARMS RACES OF DECAPOD CRUSTACEANS.
- 12:00 - 12:30 : Hardege, Joerg, et al. SEX PHEROMONE COMPLEXITIES IN THE SHORE CRAB, *Carcinus maenas*.
- 13:00 -14:30 : **LUNCH**

- 14:30 - 15:50 : ORAL PRESENTATIONS**
- Elqui 1: Physiology 1**  
(Chairs: Stephen Dunbar and Cristián Monaco)
- 14:30 - 14:50 : Sjoboen\*, A.D., Dunbar, S.G., Bošković, D.S.: Seasonal fatty acid fluctuations of *Pachygrapsus crassipes* in southern California.
- 14:50 - 15:10 : Daoud\*, D., Chabot, D., Audet, A., Lambert, Y.: Temperature induced variation in oxygen consumption and growth of juvenile and adult stages of the northern shrimp, *Pandalus borealis*.
- 15:10 - 15:30 : Pacherrres\*, C.O., Mendo, J., Laudien, J.: The in-situ breathing rates of two crabs in relation to age, sex and reproductive state.
- 15:30 - 15:50 : Monaco\*, C., Brokordt, K., Gaymer, C.F.: Plasticity of reproductive traits along vertical and latitudinal gradients in two species of porcelanid crabs: Possible evidence of energetic costs associated to thermal gradients.
- Elqui 2: Reproduction**  
(Chairs: Paula Rodgers and Ray Bauer)
- 14:30 - 14:50 : Rodgers\*, P.J., Reaka, M.L., Hines A.H. A comparison of sperm storage and mating strategies in brachyurans.
- 14:50 - 15:10 : Tóth, E., Bauer\*, R.T.: Gonopore sexing technique for studies on sociality in *Synalpheus* shrimps.
- 15:10 - 15:30 : Fiedler, G.C., Rhyne\*, A.L., Schizas, N. Multi-data phylogeny of the caridean genus *Lysmata*
- 15:30 - 15:50 : Baeza, J.A.: The effect of sperm competition, male-male competition and female mate choice on the sex allocation of a hermaphroditic shrimp.
- Elqui 3: Larval Ecology 1**  
(Chairs: Patricia Briones-Fourzán and Carla Domingues)
- 14:30 - 14:50 : Briones-Fourzán\*, P., Candela, J., Lozano-Álvarez, E.: Postlarval settlement of the spiny lobster *Panulirus argus* along the Mexican Caribbean coast: what a 17 year-long time series can tell.
- 14:50 - 15:10 : Domingues\*, C., Waap, S., Queiroga, H.: Tide and wind control of crab larvae supply to an estuarine system: The case of Ria de Aveiro, Portugal.
- 15:10 - 15:30 : Burdett-Coutts\*, V., Snelgrove, P.: Abundance & distribution of American lobster *Homarus americanus* larvae and early benthic juveniles in coastal Newfoundland: Passive and active processes.
- 15:30 - 15:50 : Moriondo\*, P., De la Garza, J., Fischbach, C., Cucchi Colleoni, D.: Using the Patagonian red shrimp (*Pleoticus muelleri*) larval stages to find the parents! Relationship between the larval stages and the environmental in the southern area of the san Jorge gulf, Argentina.
- 15:50 - 16:20 : **COFFEE**

- 16:20 -17:20 : ORAL PRESENTATIONS**
- Elqui 1: Physiology 2**  
(Chairs: Gilles Luquet and Duane Fonseca)
- 16:20 - 16:40 : Avalos\*, M.C., Heilmayer, O., Lovrich G.A.: Differences in the metabolism of two morphospecies *Munida gregaria* and *M. subrugosa* (Anomura: Galatheidae) from Beagle channel.
- 16:40 - 17:00 : Luquet\*, G., Marin, F., Marie, B., Fernandez, M.S., Neira-Carillo, A., Arias, J.L.: Calcium storage structures in crustaceans: *Orchestia cavimana* and *Cherax quadricarinatus* as models of study.
- 17:00 - 17:20 : Pereira, C.R., D’Incao, F., Fonseca\*, D.B.: Bilateral comparison of the accumulation of neurolipofuscin in eyestalks and in supra-oesophageal ganglion of *Callinectes sapidus*.
- Elqui 2: Behaviour and Life History**  
(Chairs: Wendy Billock and John Christy)
- 16:20 - 16:40 : Christy\*, J.H., Ribeiro, P.: Exaggeration of a sexually selected signal – Not by female choice.
- 16:40 - 17:00 : Billock\*, W.L., Dunbar, S.G.: Shell and food acquisition behaviors: evidence for contextual decision hierarchies in hermit crabs.
- 17:00 - 17:20 : Sheader, M.: Life cycle adaptations of amphipods to hydrothermal vents.
- Elqui 3: Larval Ecology 2**  
(Chair: Patricia Pochelon and Catia Bartilotti)
- 16:20 - 16:40 : Bartilotti\*, C., Rhyne, A., Calado, R., dos Santos, A.: Morphological comparison of early zoeal stages of *Lysmata* spp. (Decapoda: Hippolytidae): A zoogeographical approach.
- 16:40 - 17:00 : Pochelon\*, P.N., dos Santos, A., Queiroga, H.: Spatial and diel larval distribution of a deep-sea brachyuran, *Monodaeus couchii*, off the south coast of Portugal.
- 17:00 - 17:20 : Rodríguez-Fourquet\*, C. Kourosh, C., Fong-Lou, S.: Temporal distribution of *Cardisoma guanhumi* larvae in a small estuary in Puerto Rico.
- 17:20 - 17:40 : Alyahya, Hamad A.H.: The value of different sequential diet regimes on *Chthamalus montagui* Southward larvae.
- 17:40 -19:00 : **POSTER PRESENTATIONS**  
Session 1 - Reproduction, Developmental Biology and Physiology
- 19:00 - 20.00 : **COCKTAIL**
- 20:00 - ..... : **VIDEO NIGHT.**

**Tuesday, 16 October**

- 09:00 -10:00 : **Keynote, Room Elqui 1, 2 & 3:**  
Ruben Escribano, LIFE CYCLES AND POPULATION DYNAMICS OF HOLOPLANKTONIC COPEPODA IN THE HUMBOLDT CURRENT SYSTEM.
- 10:00 -10:30 : **COFFEE**

- 10:30 -13:00** : **Symposium, Room Elqui 1 & 2: Ecology and Evolution of Freshwater Amphipods**  
(Chair: Gary Wellborn)
- 10:30 -11:00 : Wellborn, Gary: ROLE OF THE ECOLOGICAL LANDSCAPE IN DIVERSIFICATION OF *Hyalella* AMPHIPODS IN NORTH AMERICA.
- 11:00 - 11:30 : Fong, Daniel: PHYLOGEOGRAPHY OF THE CAVE AMPHIPOD, *Gammarus minus*.
- 11:30 - 12:00 : Glazier, Douglas: EVOLUTIONARY ECOLOGY OF *Gammarus* IN SPRING ENVIRONMENTS.
- 12:00 - 12:30 : Macdonald, Ken: EVOLUTION OF THE AMPHIPODS OF LAKE BAIKAL; THEIR PLACEMENT WITHIN AND THE VALIDITY OF THE SUPERFAMILY GAMMAROIDEA.
- 12:30 - 13:00 : Witt, Jonathan: PROBING THE PACE OF MITOCHONDRIAL DNA SEQUENCE EVOLUTION IN AN AMPHIPOD GENUS: THE CASE OF *Hyalella*.
- 10:30 - 13:00** : **Symposium, Room Elqui 3: Migration and Movements**  
(Chair: Ray Bauer)
- 10:30 -11:00 : Bauer, Ray: FROM RIVER TO SEA AND BACK AGAIN: LIFE HISTORY MIGRATIONS OF THE AMPHIDROMOUS RIVER SHRIMP *Macrobrachium ohione*.
- 11:00 - 11:30 : Briones-Fourzán, Patricia: FROM SEDENTARY LIFESTYLES TO SPECTACULAR MIGRATIONS: CONTRASTING MOVEMENT PATTERNS AMONG SPINY LOBSTER SPECIES
- 11:30 - 12:00 : Covich, Alan and Todd Crowl: UPSTREAM MIGRATION OF FRESHWATER SHRIMP IN THE LUQUILLO MOUNTAINS, PUERTO RICO: GEOMORPHIC BARRIERS, DROUGHT, AND AVOIDANCE OF FISH PREDATORS.
- 12:00 - 12:30 : Hines, Tuck et al.: MOVEMENT IN THE LIFE HISTORY OF THE BLUE CRAB *Callinectes sapidus*.
- 12:30 - 13:00 : Queiroga, Henrique: AGAINST WINDS AND TIDES: BIOPHYSICAL INTERACTIONS DURING LARVAL LIFE AND THE UNFINISHED STORY OF THE COMMON SHORE CRAB.
- 13:00 -14:30 : **LUNCH**
- 14:30 -15:50** : **ORAL PRESENTATIONS**
- Elqui 1: Crustaceans from Chile**  
(Chair: Pamela Hidalgo and Stella Januario)
- 14:30 - 14:50 : De los Rios\*, P., Hauenstein, E., Acevedo, P., Jaque, X.: UVR tolerance in crustacean zooplankton species of Tinquilco lake (38° S Araucania Region, Chile): Experimental and field observations.
- 14:50 - 15:10 : Hidalgo\*, P., Escribano, R.: Ecological adaptations of crustacean holoplanktonic living within the oxygen minimum zone (OMZ) in northern Chile: the case of *Eucalanus inermis* (Copepoda-Calanoidea).
- 15:10 - 15:30 : Wieters, E., Salles, E., Januario\*, S.: Variation in refuge habitat use and selection by competing predatory crabs, *Acanthocycclus gayi* and *A. hassleri*, along the coast of central Chile.

**Elqui 2: Biogeography**

(Chairs: Michel Hendrickx and Bill Newman)

- 14:30 - 14:50 : Hendrickx\*, M.E. and Espinosa Pérez, M.C.: A model for determining biozoogeographic provinces in the east Pacific based on latitudinal distribution of marine isopods.
- 14:50 - 15:10 : Newman, W.A.: Californian and Chilean transition zones; essentially inverted mirror images of each other?
- 15:10 - 15:30 : Werding\*, B., Viviani, C.A., Hiller, A.: Biogeography of temperate porcellanid species with emphasis in the species of the eastern Pacific (Decapoda, Anomura, Porcellanidae).
- 15:30 - 15:50 : Haney\*, T.A., Jacobs, D.K.: Phylogeography of Leptostraca: Historical boundaries in the Gulf of California and adjacent shores.

**Elqui 3: Phylogeny**

(Chairs: Arthur Anker and Ruth Castillo)

- 14:30 - 14:50 : Castillo\*, R.F., De Vargas, C., Kochzius, M., Angel, M.: Molecular phylogeny of planktonic Ostracoda: first insights into the validity of the current systematics and evolution of the family Halocyprididae.
- 14:50 - 15:10 : Schnabel\*, K., Ahyong, S., Maas, E., Smith, P.: An anomuran tail continued: a phylogeny based on rRNA.
- 15:10 - 15:30 : Anker\*, A., Hurt, C., Knowlton, N.: Phylogeny and taxonomy of the eastern Pacific/Atlantic snapping shrimps (Decapoda: Alpheidae: Alpheus).
- 15:30 - 15:50 : Bracken\*, H.D., Robles, R., Felder, D.L.: Cryptic diversity within the genus *Alpheus* from the gulf of Mexico and adjacent waters (Decapoda: Caridea: Alpheidae).

15:50 -16:20 : **COFFEE**

**16:20 -17:20 : ORAL PRESENTATIONS**

**Elqui 1: Invasive Species**

(Chair: Andrew Hosie )

- 16:20 - 16:40 : Normant\*, M., Przygoda, A., Kolasa, A., Szaniawska, A.: The Chinese mitten crab in the Baltic sea – increased biodiversity or environmental threat?
- 16:40 - 17:00 : Hosie\*, A., Ahyong, S.: Thumbs out: foreign crustaceans hitchhiking to New Zealand.
- 17:00 - 17:20 : Barón\*, P.J., Leal, G.A., Hidalgo, F.J., Dellatorre, F.G., Gavio, M.A., Pacotti, V. Raposo, P., Bazterrica, M.C., Ledesma, F.M., Bertness, M.: The European green crab *Carcinus maenas* population on the Atlantic coast of Patagonia: Latitudinal distribution, pattern of abundance, size and sex structure, habitat use, interaction with native species and infestation by parasites.

**Elqui 2: Molecular Ecology**  
(Chair: Tina Bell and Christine Zakas)

- 16:20 - 16:40 : Bell\*, T., Wares, J.P.: Environmental heterogeneity and the maintenance of cryptic genetic diversity in the marine isopod species, *Idotea balthica*.
- 16:40 - 17:00 : Schubart\*, C.D., Reuschel, S., Cuesta, J.A.: Cryptic speciation in the European rock prawn *Palaemon elegans* (Decapoda: Palaemonidae) as revealed by population genetics.
- 17:00 - 17:20 : Zakas\*, C., Binford, J., Navarrete, S., Wares, J.: Restricted gene flow among barnacle populations indicates possible selection or ecological shift.

**Elqui 3: Symbiotic Relationships**  
(Chairs: Jason Williams and Nuno Simões)

- 16:20 - 16:40 : Boyko\*, C.B., Crowley, L. Høeg, J.T.: Rediscovery of *Malacolepas* (Cirripedia, Malacolepadidae), a barnacle found inside of the shells of living bivalves in the Indo-Pacific Ocean, with notes on habitat modifications, development, anatomy, and phylogenetic affinities.
- 16:40 - 17:00 : Simões\*, N., Campos-Salgado, A., Westendarp, P., Chiappa-Carrara, X., Mascaró, M.: Geographic distribution and relative abundance of common decapod crustaceans associated with anemones, and with potential for the aquarium trade in the shallow waters of the Mexican Caribbean reefs.
- 17:00 - 17:20 : Williams\*, J.D., Marucci, A.: Morphology of the mouthparts and cirri of trypetesid burrowing barnacles (Crustacea: Cirripedia: Acrothoracica) associated with hermit crabs.

17:20 -19:30 : **POSTER PRESENTATIONS**

Session 2 - Ecology, Zoogeography and Taxonomy

- 19:00 - ..... : **Elqui 2: Meeting of TCS**  
19:20 - : **Elqui 3: Meeting of ALCARCINUS**

**Wednesday, October 17**

- 08:30 - 09:30 : **Symposium, Room Elqui 1 & 2:**  
Ingo Wehrtmann and Patricio Arana, DEEPWATER DECAPODS AND THEIR FISHERY ALONG THE PACIFIC COAST OF LATIN AMERICA.
- 09:30 - 10:00 : **Symposium, Room Elqui 3: Fisheries 1**
- 09:30 - 10:00 : Sainte-Marie, Bernard: MATING SYSTEMS AND THE CONSERVATION OF EXPLOITED MARINE CRUSTACEANS.
- 10:00 -10:30 : **COFFEE**
- 10:30 -13:00 : **Symposium, Room Elqui 1 & 2: Fisheries 2**  
(Chairs: Billy Ernst and Carolina Parada)
- 10:30 - 11:00 : Ernst, Billy, Orensanz, Lobo and Dave Armstrong: SPATIAL AND TEMPORAL ANALYSIS OF FEMALE SNOW CRAB REPRODUCTIVE OUTPUT IN THE EASTERN BERING SEA: BIOLOGICAL AND PHYSICAL FACTORS.

- 11:00 - 11:30 : Parada, Carolina et al.: MODELING TRANSPORT AND SETTLEMENT PATTERNS OF SNOW CRAB DURING WARM AND COLD YEARS IN THE EASTERN BERING SEA.
- 11:30 - 12:00 : Lovrich, Gustavo and Federico Tapella: BASES FOR MANAGEMENT AND RECOVERY OF KING CRAB FISHERIES IN THE SOUTHWESTERN ATLANTIC.
- 12:00 - 12:30 : D'Incao, Fernando and Duane Fonseca: FISHERY AND BIOLOGY OF THE BLUE CRAB *Callinectes sapidus* AT PATOS LAGOON ESTUARY, BRAZIL.
- 12:30 - 13:00 : Barón, Pedro et al.: GUIDELINES FOR THE EXPLOITATION OF A VIRGIN RESOURCE IN THE FRAMEWORK OF A ROBUST HARVEST STRATEGY.
- 13:00 – 14:30 : **LUNCH**
- 14:30 -15:50 : ORAL PRESENTATIONS**
- Elqui 1: Fisheries**  
(Chairs: Mario Montecinos and Juan De la Garza)
- 14:30 - 14:50 : Ramírez-Rodríguez\*, M., Arreguín-Sánchez, F.: Crab traps: Fishing time and ghost fish for *Cancer johngarthi*, in the southern west coast of Baja California peninsula, Mexico.
- 14:50 - 15:10 : Montecinos\*, M., Pardo, L.M.: Experimental evaluation of abundance-CPUE proportionality assumption to using traps in crab fishery assesses.
- 15:10 - 15:30 : De la Garza\*, J., Fischbach, C., Moriondo, P.I.: Interannual variation in size and growth of the Patagonian red shrimp *Pleoticus muelleri*.
- 15:30 - 15:50 : Montenegro\*, C.P., Quiroz, J.C.: Contrasting natural mortality from empirical models and bayesian posterior distribution of age-structure stock assessment model: the case of yellow squat lobster (*Cervimunida johni*).
- Elqui 2: Ecology**  
(Chairs: Daniel Fong and Ana Maria Setubal Pires)
- 14:30 - 14:50 : Fong, D.W.: Mark-recapture population size estimates of the madison cave isopod, *Antrolana lira*.
- 14:50 - 15:10 : Rogers, D.C.: Branchiopod dispersal.
- 15:10 - 15:30 : Setubal Pires\*, A.M., Bromberg, S.: Patterns in diversity and community structure of Decapoda and Stomatopoda from the continental shelf offshore of Santos, southern Brazil.
- 15:30 - 15:50 : Shields\*, J.D., Behringer, D.C.Jr., Butler, M.J.: Epidemiological studies of *Panulirus argus* VIRUS 1 (PaV1) in the Caribbean spiny lobster.
- Elqui 3: Genetic Diversity**  
(Chair: Rafael Robles and Savel Daniels)
- 14:30 - 14:50 : Daniels, S.: Comparing and contrasting nuclear and mitochondrial DNA sequence data among fairyshrimps (Anostraca: *Streptocephalus*).
- 14:50 - 15:10 : Robles\*, R., Tamaki, A., Felder, D.L.: Molecular support for *Nihonotrypaea harmandi* (Bouvier, 1901) and another new species of *Nihonotrypaea* in Ariake-Sound estuarine system, Japan.

- 15:10 - 15:30 : Landstorfer\*, R.B., Felder, D.L., Schubart, C.D.: Molecular phylogeny of fiddler crabs (Brachyura: Ocypodidae: *Uca*) with emphasis on the American representatives and character evolution.
- 15:50 -16:20 : COFFEE**  
**16:20 -17:20 : ORAL PRESENTATIONS**
- Elqui 1: General Taxonomy & Paleocarcinology**  
 (Chair: Gary Poore)
- 16:20 - 16:40 : Shives\*, J.A., Dunbar, S.G., Nyborg, T.G.: Why the paucity of hermit crabs in situ in the fossil record?
- 16:40 - 17:00 : Poore, G. C.B.: Crustacean taxonomy in a changing world.
- 17:00 - 17:20 : Pentcheff\*, N.D., Wetzer, R.W., Martin, J.W.: Assembling the decapod tree of life: Making systematic literature globally available.
- Elqui 2: Peracarid Taxonomy**  
 (Chair: Sarah Gerken)
- 16:20 - 16:40 : Gerken\*, S., Watling, L.: The Kerguelenica problem: how many cumacean families are there?
- 16:40 - 17:00 : Monson\*, E., Gerken, S.: Two new lampropid species (Crustacea: Cumacea), *Lampropenis* sp. A and *Lampropenis* sp. B, are described from the shores of the Pribilof Islands, Alaska.
- 17:00 - 17:20 : Wetzer\*, R., Bruce, N.L.: The Sphaeromatidae—One world-wide family or a family cluster? What molecular systematics reveals about Sphaeromatid Isopod (Peracarida) relationships.
- Elqui 3: Diverse Crustacean Ecology**  
 (Chairs: Quetzalli and Peter Dworschak)
- 16:20 - 16:40 : Yager\*, J., Escobar-Briones, E.: An ecological study of a cave characterized by enormous numbers of Remipede crustaceans
- 16:40 - 17:00 : Dworschak, P.C.: The Thalassinidea of Panglao Island, Philippines: a comparison of habitats and collecting methods.
- 17:00 - 17:20 : Hernández-Díaz\*, Y.Q., Mascaró, M., Simões, N., Muñoz, A., Chiappa-Carrara, X., Aldana, J., Pérez, R. Analysis of the escape responses of the pink shrimp *Farfantepenaeus duorarum* to artificial and natural (*Callinectes danae*) stimuli.
- 17:20 -19:30 : **POSTER PRESENTATIONS**
- Session 3 - Fisheries, Applied and other Crustacean Biology
- 20:30 -..... : **BANQUET**

POSTER PRESENTATIONS

\* Corresponding Author

SESSION 1 - REPRODUCTION, DEVELOPMENTAL BIOLOGY AND PHYSIOLOGY

Monday, 15 October, 17:20-19:00

1. **Bartilotti\*, C., González-Gordillo, J.I., dos Santos, A.** Complete larval development of the crab *Illia nucleus* (Linnaeus, 1758) (Decapoda, Brachyura, Leucosiidae) reared under laboratory conditions.
2. **Batista-Leite, L.M.A., Barreto\*, A.V.** Development stages of the gonads of female crabs, *Cardisoma guanhumi* Latreille, 1825.
3. **Benetti, A.S.; Santos\*, D.C.; Negreiros-Fransozo, M.L., Scelzo, M.A.** Spermatozoal ultrastructure in three species of the genus *Uca* Leach, 1814 (Crustacea, Brachyura, Ocypodidae).
4. **Berthélémy-Okazaki\*, N.J., Ye, W., Okazaki, R.K.** Environmental factors influencing reproduction in *Artemia* from the great salt lake
5. **Braga\*, A.A., Fransozo, A., Bertini, G.** Morphometric study of sexual characters of *Exhippolysmata oplophoroides* (Caridea, Hippolytidae) from Ubatuba, São Paulo, Brazil.
6. **Braga\*, A.A., López-Greco\*, L.S., Santos, D.C., Fransozo, A.** *Exhippolysmata oplophoroides* (Alpheoidea, Hippolytidae): a new species of protandric simultaneous hermaphroditism species of caridean shrimps.
7. **Bugnot, A.B., López Greco\*, L.S.** Effect of size on sperm production in the freshwater crayfish "Redclaw" *Cherax quadricarinatus* (Parastacidae).
8. **Carnevali\*, R., Collins, P.** Reproductive aspects of the freshwater prawns *Pseudopalaemon bouvieri* in Del Plata system.
9. **Castilho\*, A.L., Furlan, M.; Costa, R.C., Fransozo, A.** Reproductive dynamics of rock shrimps, *Sicyonia dorsalis* and *S. typica* (Penaeoidea: Sicyoniidae), from the southeastern coast of Brazil.
10. **Daleo, P., Luppi\*, T., Mendez Casariego, A., Escapa, M., Ribeiro, P., Silva, P., Iribarne, O.** The effect of size and autotomies on assortative mating and reproductive male-male competition of the mud crab *Cyrtograpsus angulatus* Dana.
11. **Espinoza-Fuenzalida\*, N.L., Baeza, J.A., Thiel, M.** The sexual system of *Hippolyte williamsi* Schmitt, 1924 (Decapoda: Caridea: Hippolytidae): ¿Gonochorism or hermaphroditism?
12. **Fischer, S., Thatje\*, S.** Multiple annual ovipositions of *Cancer setosus* along a latitudinal cline: aquaria experiments and analysis of field-data.
13. **Fransozo\*, V., Santos, D.C., López Greco, L., Gregório, E.A.** Morphology of the male reproductive system and spermatophore formation in the sea bob shrimp *Xiphopenaeus kroyeri* (Heller, 1869) (Decapoda: Penaeidae).
14. **Fransozo\*, V., Santos, D.C., López Greco, L., Gregório, E.A.** Thelycum development in the seabob shrimp *Xiphopenaeus kroyeri* (Heller, 1982) (Crustacea, Decapoda, Penaeidae) under ultrastructural view.
15. **González-Pisani\*, X, Barón, P., López Greco, L.S.** Macroscopic and histological characterization of the seminal receptacles in *Libinia spinosa* (Majoidea).
16. **González-Pisani\*, X, Barón, P., López Greco, L.S.** Toward the understanding of being sexually mature in the females of the spider crab *Leurocyclus tuberculatus* (Majoidea) from Golfo Nuevo, Argentina.
17. **Hendrickx, M.E.** Description of the male genital structures of *Hymenopenaeus doris* (Faxon, 1893) based on a single specimen captured in the Gulf of California, Mexico.
18. **König\*, N., Williner, V.** Reproductive aspects and fecundity in the freshwater crabs *Trichodactylus borellianus* (Brachyura, Trichodactylidae) in La Plata system, Argentina.
19. **Linhares, E.M., Pitombo\*, F.B.** Reproductive aspects of *Chthamalus proteus* Dando & Southward, 1980 and *Chthamalus bisinuatus* Pilsbry, 1916 (Cirripedia: Thoracica) from SE Brazil.
20. **López Greco\*, L.S., Negreiros-Fransozo, M.L, Bolaños, J., Fransozo, V., Lira, C.** Morphology of the seminal receptacles in *Ocypode quadrata* (Fabricius, 1787) (Brachyura, Ocypodidae).
21. **López Greco\*, L.S., Olalla, N., Tropea, C.** Unusual reproductive features in the freshwater crab *Zilchiopsis collastinensis* (Pretzmann, 1968) (Brachyura, Portunoidea, Trichodactylidae).
22. **López Greco\*, L.S., Vazquez, F.J., Tropea, C.** The ovarian epithelium in decapod crustaceans: *Cherax quadricarinatus* (Parastacidae) as a model.
23. **Mantelatto\*, F.L., Fantucci, M.Z.,** Spermophore morphology of the hermit crab *Pagurus criniticornis* (Stimpson, 1859) (Anomura, Paguridae) from southern Atlantic, Brazil.

24. **Mantelatto\*, F.L., Scelzo, M.A., Tudge, C.C.** Morphological and morphometric appraisal of the spermatophore of the southern hermit crab *Isocheles sawayai* (Anomura: Diogenidae) from the Brazilian coast.
25. **Negreiros-Fransozo\*, M.L., Lopez-Greco, L.S., Santos, D.C., Fransozo, V.** Comparative analysis of the mature gonads in Ocypodidae crabs from south American east coast.
26. **Pérez-González\*, R., Valadez, L.M., Sandoval M.A.** Index of reproductive potential of the spiny lobster *Panulirus inflatus* (Decapoda: Palinuridae) in the Gulf of California, Mexico.
27. **Pinho\*, G.L.L., Lauer, M.M., Rodrigues, S.C., Bersano, J.G.F., Bianchini, A.** Influence of salinity, feeding regime and copper on reproduction of the euryhaline copepod *Acartia tonsa*.
28. **Rhyne\*, A.L. Zhang, D., Lin, J., Schizas, N.** Not any two will do: DNA divergence and interpopulation reproductive compatibility in a simultaneous hermaphroditic shrimp, *Lysmata wurdemanni*.
29. **Rondón, R., Sprock, I., Salazar, K., Bolaños\*, J., Lira, C., Hernández, J.E, Ron, E.** Reproductive aspects of *Raninoides louisianensis*, Rathbun, 1933 (Decapoda: Raninidae) of the Venezuelan Deltaic shelf.
30. **Sal Moyano, M.P., Gavio\*, M.A.** Reproductive condition of the spider crab *Libinia spinosa* (Majidae) in the Mar del Plata coast, Argentina.
31. **Santos\*, D.C., Benetti, A.S., Negreiros-Fransozo, M.L., Scelzo, M.A.** Spermatozoal ultrastructure of the mangrove crab *Ucides cordatus* (Crustacea, Brachyura, Ocypodidae).
32. **Scelzo, M.A.** Size at first sexual maturity for male shrimp *Pleoticus muelleri* (Bate, 1888) (Decapoda, Dendrobranchiata, Solenoceridae) in Mar del Plata, Buenos Aires province, Argentina.
33. **Scelzo\*, M.A., Tudge, C.C.** Spermatophore morphology in the porcelain crab (*Pachycheles laevidactylus* Ortmann, 1892) (Decapoda, Anomura, Porcellanidae) from Argentine marine waters.
34. **Silva, A.Z., Corrêa\*, F.M., Fernandes, L.M.G., Silva, G.M.L., Silva, E.M.C., Barreto, A.V.** Preliminary estimation of fecundity of the spiny lobster *Panulirus echinatus* (Decapoda: Palinuridae) at Northeastern Brazil.
35. **Silva, A.Z., Corrêa\*, F.M., Silva, G.M.L., Silva, E.M.C.** Reproductive aspects of the spiny lobster *Panulirus echinatus* (Decapoda: Palinuridae) in the Northeastern coast of Brazil.
36. **Terossi\*, M., Mantelatto, F.L.** Egg volume increase and egg loss in the shrimp *Hippolyte obliquimanus* (Caridea: Hippolytidae) in Southern Atlantic, Brazil.
37. **Vallina, M., Gavio\*, M.A.** Reproductive biology of the swimming crab *Ovalipes trimaculatus* (Portunidae) in coastal waters of Argentina.
38. **Vazquez\*, F.J., López Greco, L.S.** Differentiation of the male reproductive system and onset of maturity in the freshwater crayfish *Cherax quadricarinatus* (Decapoda, Parastacidae).
39. **Vazquez\*, F.J., Tropea, C., Sánchez de Bock, M.F., López Greco, L.S.** The modulating effect of temperature on sexual differentiation and sex reversal in the freshwater crayfish *Cherax quadricarinatus* (Parastacidae).
40. **Wehrtmann\*, I.S., Miranda, I., Mantelatto, F.L.** Reproduction in the porcellanid crab *Petrolisthes armatus* (Decapoda: Anomura): Pacific versus Atlantic populations.
41. **Weiss, M., Thatje\*, S., Anger, K.** Effects of maternal provisioning and temperature on the early ontogeny of *Cancer pagurus* from the North Sea.
42. **Zilleruelo\*, R.M., Montenegro, C.P.** Estimation of sexual maturity logistic curve for yellow squat lobster (*Cervimunida johni*) off southern central Chile
43. **Alvarez, F., Villalobos\*, J.L., Botello, A., Torres, E.** The distribution of the crayfish *Procambarus llamasii* in extreme environments in the Yucatan Peninsula.
44. **Chaulet, A., Cahansky, A.V., Viau, V.E., Gutiérrez\*, M.L., Turcato Oliveira, G., Rodríguez, E.M.** Energetic reserves and growth of advanced juveniles of the freshwater crayfish *Cherax quadricarinatus*, fed on an ecdysone-enriched diet.
45. **Díaz\*, A.C., Velurtas, S.M., Fernández Gimenez, A.V., Mendiara, S.N., Fenucci, J.L.** Carotenoids from integument, muscle and midgut gland of the Argentine Red shrimp *Pleoticus muelleri*.
46. **Donoso\*, K., Pérez, C., Escribano, R.** Trophic studies in crustacean zooplankton: the use of lipid markers for feeding studies.
47. **Gutiérrez\*, M.L., Rodríguez, E.M.** Effect of protein source on growth and energetic reserves of juveniles of the commercial crayfish *Cherax quadricarinatus*.
48. **Ituarte\*, R.B., López-Mañanes, A., Spivak, E.D., Anger, K.** Activity of  $Na^+-K^+-ATPase$  in a "Freshwater shrimp", *Palaemonetes argentinus* (Caridea, Palaemonidae): Ontogenetic changes and effects of salinity.
49. **Janecki\*, T., Kidawa, A., Markowska, M.** Metabolic response of three species of polar necrophagic amphipods to glutamic acid.

50. **Kidawa\*, A., Markowska, M., Janecki, T.** The role of amino acids in chemosensory behaviour of two Arctic crabs, *Hyas araneus* and *Eupagurus pubescens*.
51. **Lavarias\*, S., Pasquevich, Y., Dreon, M.S., Pollero, R., Heras, H.** Presence of the carnitine palmitoyltransferase I activity in the hepatopancreas of *Macrobrachium borellii*.
52. **Montagna\*, M., Collins, P.** Pesticides toxicities: sensitivity variation of the freshwater prawn and crab.
53. **Normant\*, M., Gibowicz, M., Lapucki, T., Szaniawska, A.** Living in a critical salinity zone – some physiological studies on the Baltic Sea crustaceans.
54. **Paschke\*, K., Rosas, C., Cumillaf, J.P., Loyola, S., Sanchez, A., Chimal, M.E., Urbina, M., Gebauer, P.** Physiological responses of juvenile king crab *Lithodes santolla* (Molina, 1782) (Decapoda: Lithodidae) to oxygen availability.
55. **Pinho\*, G.L.L., Saint-Louis, R., Bianchini, A., Pelletier, E.** Copper accumulation in the amphipod *Gammarus* sp.: investigation of metal binding to hydrosoluble proteins.
56. **Pinho\*, G.L.L., St-Pierre, S., Clermont, Y., Bianchini, A., Rouleau, C.** Copper distribution in the copepod *Calanus hyperboreus*.
57. **Sousa L.G., Díaz\* A.C., Petriella, A.M.** Chronic toxicity and histopathological studies with organochlorine pesticides in *Palaemonetes argentinus* (Crustacea: Decapoda).

## SESSION 2 - ECOLOGY, ZOOGEOGRAPHY AND TAXONOMY

Tuesday, 16 October, 17:20-19:00

1. **Almeida\*, A.O., Coelho, P.A., Bezerra, L.E.A.** Brachyuran crabs from the coast of Bahia, eastern Brazil: checklist and zoogeographic considerations.
2. **Bitencourt, J.V.T., Machado, S., Santos\*, S., Bartholomei-Santos, M.L.** Influence of geographic barriers in the genetic structure of *Aegla uruguayana* Schmitt, 1942 (Decapoda, Anomura) populations.
3. **Diez, M.J., Lovrich\*, G.A., Spivak, E.** Size at sexual maturity of the crab *Halicarcinus planatus* (Brachyura: Hymenosomatidae) in both extremes of its geographical distribution.
4. **Lovrich\*, G.A., Pérez-Barros, P., Romero, M.C., Tapella, F., Diez, M., Sotelano, M.P., Scioscia, G., Avalos, M.C.** First record of pelagic swarms of *Munida gregaria* (Anomura: Galatheididae) in the Beagle channel, Argentina.
5. **Martin, J.W.** Crabs (Brachyura) of French frigate shoals, northwestern Hawaiian Islands marine national monument.
6. **Poore\*, G.C.B., McCallum, A.W., Williams, A.** Understanding deep sea biodiversity: biogeographic patterns of decapod crustaceans along Western Australia's continental margin.
7. **Alaniz-Rodrigues, M., D'Incao\*, F.** Growth and molt cycle of the blue-crab *Callinectes sapidus* on the Patos lagoon estuary, Brazil.
8. **Alberico, N.A., Arias\*, M.G., Roccatagliata, D.** On a copepoda nichoid parasitic on the cumacean *Diastyllis fabrizioi* n. sp. from the southwestern Atlantic Ocean.
9. **Almeida\*, A.C., Fransozo, V., Castilho, A.L.** Relative growth of the females spider crab *Leurocyclus tuberculatus* (H. Milne Edwards & Lucas, 1843) (Brachyura, Majoidea) from the Ubatuba region, São Paulo, Brazil.
10. **Alonso-Reyes, P., Bortolini-Rosales\*, J.L., Alvarez, F.** The use of discriminant analysis and classification trees to evaluate a population of *Potimirim* sp.: a sequential hermaphrodite?
11. **Aoki\*, M.N., Tsuchiya, Y., Sato, T., Shinagawa, H.** Three gammarid amphipods utilizing the stipe of the brown alga *Undaria pinnatifida*.
12. **Barutot\*, R.A., Fonseca, D.B., D'Incao, F.** Natural diet of *Neohelice granulata* (Dana, 1851) (Brachyura, Varunidae) in two salt marshes of Lagoa Dos Patos, RS, Brazil.
13. **Bertini\*, G., Fransozo, A.** Species diversity of the brachyuran communities of soft bottoms off the northern coast of São Paulo state, Brazil.
14. **Campos\*, B.R., D'Incao, F., Dumont, L.F.** Size at first maturity of seabob shrimp *Xiphopenaeus kroyeri* (Heller 1862) in Tijucas Bay, Tijucas, SC, Brazil.
15. **Cházaro-Olvera\*, S., Winfield, I.** Morphological differentiation of megalopae in the families panopeidae, portunidae and grapsidae, from a lagoon system inlet in the southwestern gulf of Mexico.
16. **Christofolletti\*, R.A., Pinheiro, M.A.A.** Feeding preference of the mangrove crab *Ucides cordatus* (Linnaeus, 1763) (Crustacea, Ocypodidae).

17. **Cobo-Viveros\*, A.M., Cantera-Kintz, J.R., Lazarus-Agudelo, J.F.** Bioeroding crustaceans in a rocky cliff in the Colombian Pacific.
18. **Doti, B.L., Roccatagliata\*, D., Chiesa, I.** On the biodiversity of the shallow-water *Asellota* (Isopoda) from Puerto Deseado, Santa Cruz province, Argentina.
19. **Farias\*, N.E., Wyngaard, J.** Morphometric relationships and maturity in males of deep-sea red crab, *Chaceon notialis* (Brachyura, Geryonidae) in the Argentinean shelf.
20. **Farias\*, N.E., Spivak, E., Luppi, T.A.** Morphometry and sexual maturity of the purple stone crab, *Platyxanthus crenulatus* (Brachyura, Platyxanthidae) in Mar del Plata harbour.
21. **Fiorentino\*, D., Bevilacqua, S., Delos, A., Frascchetti, S., Terlizzi, A.** Preliminary data on crustacean fauna in Ionian Sea (Italy). An environmental assessment on off-shore platforms activity.
22. **Flynn\*, M.N., Valerio-Berardo, M.T.** Studies on association development of amphipod species using artificial substrates within a Marine channel environment in the Brazilian coast.
23. **Flynn\*, M.N., Cristales, P.A., Esumi, L.A., Monteiro, G.S.C., Souza, J.M.S., Valerio-Berardo, M.T.** Population dynamics of *Jassa slattery* Conlan, 1990 from experimental panels located at the oil terminal of São Sebastião channel, São Paulo, Brazil.
24. **González\*, P.** Preliminary study of the composition of Peracarids (Crustacean) from submareal bottom off Chiloé, X Region, Chile.
25. **Guzmán\*, G.** Population biology of *Eudevenopus gracilipes* (Crustacea: Amphipoda) from northern Chile. Preliminary aspects.
26. **Herrera-Arriaga, J.C., Hendrickx\*, M.E.** Influence of depth, temperature, dissolved oxygen concentration and sediment composition on distribution of benthic species of Penaeoidea in the Gulf of California, Mexico.
27. **Huespe\*, A.V., Gómez-Simes, E., Pastor de Ward, C.T.** Morphometric relationships in *Cyrtograpsus altimanus* and *C. angulatus* (Grapsoidae, Varunidae): size/biomass vs. gastric mill ossicles size.
28. **Kameya, A.** Knowledge of the marine decapods and Stomatopoda crustacean from Peru.
29. **Kipson\*, S., Žganec, K., Gottstein, S.** Distribution patterns of amphipods in relation to salinity in the delta of the Neretva river, Croatia.
30. **Lawal-Are\* A.O., Kusemiju K.** The bio-ecology of the blue crab, *Callinectes amnicola* (De Rocheburne) from Badagry, Lagos and Lekki lagoons, south-western Nigeria.
31. **Lazarus-Agudelo\*, J.F., Roccatagliata, D.** On the Bopyrid isopods from the Colombian Pacific coast.
32. **Lopes-Leitzke, E.R., da Silva e Sousa, C.W., Azevedo Longaray, D., D’Incao\*, F.** Natural diet of *Ligia exotica* Roux, 1828 (Crustacea, Isopoda, Ligiidae) in the estuary of Patos Lagoon, Rio Grande Do Sul state, Brazil.
33. **Loureiro Fernandes\*, L., Castro, M.J.A.** Different dietary strategies for growth evaluation in *Metamysidopsis munda* (Crustacea: Mysidaceae) in laboratory.
34. **Machado\*, I.F., Branco, J.O., Avila, M.G., Monteiro, H.S.** Population structure of *Callinectes ornatus* (Ordway, 1863) in Praia Da Pinheira region, Palhoça, SC, Brazil.
35. **Machado\*, I.F., Branco, J.O., Avila, M.G., Monteiro, H.S.** Population structure of *Pleoticus muelleri* (Bate 1888) Praia Da Pinheira area, Palhoça-SC, Brazil.
36. **Madeira, K.C., D’Incao\*, F.** Growth of *Grapsus grapsus* (Linnaeus, 1758) in São Pedro and São Paulo Islands (Decapoda: Brachyura: Grapsidae).
37. **Matavelli, C., Uehara-Prado, M., Leite\*, F.P.P., Freitas, A.V.L.** Population biology of *Talitroides topitotum* (Crustacea: Amphipoda: Talitridae) in an Atlantic forest in southeastern Brazil.
38. **Mayén-Estrada\*, R., Aladro-Lubel, M.A.** Ciliated protozoa epibionts of Mexican Crustacea. Data of their biodiversity and specificity.
39. **Mossolin\*, E.C., Mantelatto, F.L.** Freshwater crabs (Family Trichodactylidae) of São Sebastião Island, Southern Atlantic, Brazil.
40. **Pavani, L., Leite\*, F.P.** Peracarid fauna associated to the sponge *Tedania ignis* (Duchassaing & Michelotti, 1864) from Southeastern Brazil.
41. **Párraga\*, D.P., Duarte, L.O., Zilleruelo, R.M.** Natural mortality in crustaceans: contrast between south east pacific and caribbean populations.
42. **Pérez-Barros, P., Romero, M.C., Calcagno, J.A., Lovrich\*, G.A.** DO *Munida gregaria* and *M. subrugosa* share the same feeding habit?
43. **Ramos Miranda\*, J., Antonio Roca, W.C., Flores Hernández, D., Sosa López, A.** Ecological aspects of the Seabob *Xiphopenaeus kroyeri* in the south of the Gulf of Mexico: Relationships within environment.
44. **Retamal M.A.** Comparison of the biodiversity of Decapoda and Stomatopoda between the inner and outer fjords of the X and XI region.

45. **Rodrigues\*, M.M., Bertini, G., Silva, F.M.** Biological aspects of freshwater prawn *Macrobrachium acanthurus* and Caridea composition in the ribeira de Iguape river, Southern part of São Paulo state, Brazil.
46. **Ruas, V., D'Incao\*, F.** Growth of pink shrimp *Farfantepenaeus paulensis* (Pérez Farfante 1967) in the Patos Lagoon estuary, related to input of sea water.
47. **Sotelano, M.P., Lovrich\*, G.** Review on the biology of *Emerita analoga* (Crustacea: Anomura) in the western coast of South America.
48. **Trevisan, A., Zimmermann, B.L., Santos\*, S.** Population biology of *Aegla* sp in the central region of the Rio Grande do Sul state, Brazil.
49. **Villalobos\*, J.L., Alvarez, F., Botello, A.** The freshwater crabs of America (Heterotremata: Pseudothelphusidae): Diversity and distribution.
50. **Hosie\*, A., Ah Yong, S., Jawad, L.** Immigration office: the Niwa marine invasives taxonomic service.
51. **Hudina\*, S., Zganec, K., Faller, M., Gottstein, S., Lajtner, J., Maguire I., Lucic, A., Erben, R.** Invasive crustacean species in Croatian section of the Danube and Drava river.
52. **Silva\*, F.M., Bertini, G., Rodrigues, M.M.** Occurrence of the non-indigenous Malaysian prawn, *Macrobrachium rosenbergii* (Decapoda: Palaemonidae) in the Ribeira de Iguape river, Ribeira Valley, São Paulo.
53. **Marchant\*, S., Haye, P.A.** Characterization of PCR primers for polymorphic microsatellite loci and the development of a multiplex PCR system for the marine isopod *Limnoria* sp.
54. **Richter, S., Olesen\*, J., Wheeler, W.C.** Phylogeny of branchiopoda (crustacea) based on a combined analysis of morphological data and six molecular loci.
55. **Silva, T.O., Bartholomei-Santos, M.L., Santos\*, S.** Cross-amplification of microsatellite loci in three Decapoda species.
56. **Varela\*, A., Haye, P.A., Thiel, M.** The influence of the passive dispersal in the genetic differentiation of populations of benthic marine brooders.
57. **Celis, A., Alvarez\*, F.** Phylogenetic importance of the lattice organs and frontolateral gland pores in cyprids of seven species of pedunculate barnacles.
58. **Ito\*, A., Wada, H., Aoki, M.N.** Monophyly of Phtisicidae (Amphipoda, Caprellidea) and other caprellid families supported by molecular phylogenetic analyses.
59. **Pileggi\*, L.G., Mantelatto, F.L.** Molecular phylogeny of selected representatives of the prawn genus *Macrobrachium* (Decapoda, Palaemonidae) based on 16S mtDNA.
60. **Pitombo\*, F.B., Ross, A., Newman, W.A.** Review of eastern pacific tethyan relicts of the Concavinae (Cirripedia: Balanomorpha) including a comparison of the appendages of *Arossia* and *Menesiniella*.
61. **Hernández-Ávila\*, I., Campos, E.A.** New species of *Parapinnixa* (Decapoda: Brachyura: Pinnotheridae) from Cubagua Island and Los Frailes archipelago, Venezuela.
62. **Hernández-Ávila\*, I., Gómez, A., Lira, C., Galindo, L.** Benthic decapod crustaceans (Crustacea: Decapoda) of Cubagua Island, Venezuela.

### SESSION 3 - FISHERIES, APPLIED AND OTHER CRUSTACEAN BIOLOGY

Wednesday, 17 October, 17:20-19:00

1. **Markowska\*, M., Kidawa, A., Janecki T.** Invertebrates gathering around food falls – initial findings from the Arctic.
2. **Méndez Casariego, A., Alberti, J., Luppi\*, T., Iribarne, O.** Stage- dependent interactions between intertidal crabs: from facilitation to predation.
3. **Cardyn\*, C., Pardo, L.M.** Settlement patterns of *Cancer edwardsi* megalopae at a north Patagonian estuary.
4. **Costa, R.C\*, Lopes, M., Fransozo, A., Castilho, A.L., Simões, S.M.** Recruitment of two species of pink shrimp (*Farfantepenaeus* spp.) of the North coast of the São Paulo state, Southeastern Brazil.
5. **Costa, R.C\*, Simões, S.M., Haeckler, G.S.; Castilho, A.L.** Spatial and seasonal distribution of juveniles of shrimp *Xiphopenaeus kroyeri* (Heller, 1862) (Dendrobranchiata: Penaeidae) in Southeastern Brazil.
6. **Cunha, L., Mascaro, M., Chiapa, X., Costa, A., Simões\*, N.** Effect of food in early larvae of *Lysmata amboinensis* (De Mann, 1888).
7. **Dellatorre\*, F.G., Figueroa, N.D., Rojas, L., Barón, P.J.** Megalopae and juvenile crab settlement on artificial substrata in northern Patagonia: Seasonal and interannual variability.

8. **Dionísio, G., Bartilotti\*, C., Nunes, C., dos Santos, A., Dinis, M.T., Calado, R.** Importance of light and larval morphology in starvation resistance and feeding ability of newly hatched marine ornamental shrimps *Lysemata* spp. (Decapoda: Hippolytidae).
9. **García-Guerrero, M.U., Hendrickx\*, M.E.** The complete larval development of *Epialtus sulcirostris* Stimpson, 1860 (Crustacea: Brachyura: Epialtidae) described from laboratory reared material.
10. **Gebauer, P., Paschke\*, K.** Effect of conspecifics on *Petrolisthes laevigatus* (Decapoda: Porcellanidae) settlement in Seno de Reloncaví.
11. **Hernández, C., Alvarez\*, F.** Recruitment into artificial substrates in an intertidal rocky shore in the southwestern Gulf of Mexico.
12. **Magán, I., Hernández\*, G.** Redescription of *Petrolisthes magdalenensis* zoeal stages, with considerations to recent larval-based groupings of the genus *Petrolisthes* (Decapoda: Porcellanidae).
13. **Negreiros-Fransozo\*, M.L., Fransozo, A., Hirose, G.L.** The megalopa and the early juvenile development of *Hepatus pudibundus* (Herbst, 1785) raised from neuston samples.
14. **Negreiros-Fransozo, M.L., Fransozo, A., Hirose\*, G.L., Gregati, R.A.** Neustonic decapod larvae from Ubatuba region, Southeastern Brazil.
15. **Vieira\*, R.R., Calazans, D.K.** Abundance and distribution of portunidae larvae in the estuary and adjacent coastal region of the Patos Lagoon.
16. **Almeida\*, A.O., Bezerra, L.E.A., Coelho, P.A.** Snapping shrimps genus *Alpheus* Fabricius (Crustacea: Alpheidae) from the coast of Bahia state, Eastern Brazil.
17. **Almeida\*, A.O., Paiva, R.J.C., Souza, G.B.G., Boehs, G., Coelho, P.A.** First report of the estuarine isopod *Anopsilana jonesi* Kensley (Crustacea: Cirolanidae) from Brazilian coast.
18. **Alonso, G.M., Chiesa\*, I.L.** A new species of *Ventojassa* (Crustacea: Amphipoda: Corophiidea: Ischyroceridae) from the Beagle channel, Argentina.
19. **Calixto\*, L.S.F., Santos-Silva, E.N.** A new *Rhacodiaptomus* species Kiefer, 1936 (Crustacea: Copepoda: Calanoida) from the Brazilian Amazon.
20. **Castro Romero\*, R., Muñoz, G.** *Colobomatus tenuis* n. sp. (Copepoda: Phyllichthyidae) a parasite of *Scartichthys* species (Blennidae) and *Auchenionchus variolosus* (Labrisomidae) (Pisces: Perciformes) in Chilean waters.
21. **Chiesa\*, I.L. & Alonso, G.M.** Redescription of *Fuegiphoxus uncinatus* (Chevreux, 1912) (Amphipoda: Gammaridea: Phoxocephalidae).
22. **Cohen, R.G., Marinone\*, M.C.** A new *Branchinecta* species (Branchiopoda, Anostraca) from Tierra del Fuego.
23. **Conceição, M.C.G., Zilberberg, C., Pitombo\*, F.B.** Taxonomic status of *Tetraclita stalactifera* (Lamarck, 1818) (Cirripedia Balanomorpha) on Brazilian shores.
24. **Flores Hernández, D., Pérez Sánchez, M.I., Ramos Miranda, J., Gómez Criollo, F.** Population dynamics and exploitation level assessment of the seabob, *Xiphopenaeus kroyeri* (Heller, 1982) in Tabasco-Campeche coasts, south of The Gulf of Mexico.
25. **Giri, F.** Shape variation in the coxa of fifth preereiopod of specimens of the Aegliidae family (Decapoda – Anomura).
26. **Keunecke\*, K.A., Verani, J.R., D’Incao, F., Vianna, M.** Mortality rates of the commercial bluecrabs *Callinectes danae* and *Callinectes ornatus* (Crustacea: Portunidae) in a tropical Brazilian bay.
27. **Leal\*, G.A., Carsen, A.E., Kroeck, M.A., Baron, P.J.** Effects of Rhizocephalan infestation on the patagonian stone crab *Platyxanthus patagonicus*.
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29. **Leal\*, G.A., González Pisani, X., Baron, P.J.** Brachyuran and Anomuran by catch of commercial crab trapping in the north Patagonian Atlantic coast, Argentina.
30. **Ledesma\*, F.M., Van der Molen, S., Barón P.J.** Sex differentiation of *Carcinus maenas* by analysis of carapace geometrical morphometry.
31. **Leme, M.H.A., Nadler S.A., Okazaki\*, R.K.** Nematode infestation in the visceral mass of the mangrove crab, *Sesarma rectum*, from ubatuba, São Paulo, Brazil.
32. **Lira\*, C., Bolaños, J., Hernández, G., Hernández, J.** First record of *Apiomithrax violaceus* (Brachyura: Pisidae) for the Caribbean Sea.
33. **Lozano-Álvarez\*, E., Briones-Fourzán, P., Ramírez-Estévez, A., Placencia-Sánchez, D.** Does limited shelter increase the prevalence of the *Panulirus argus* virus 1 (PaV1) syndrome among juvenile caribbean spiny lobsters?
34. **Machado\*, I.F., Branco, J.O., Avila, M.G., Monteiro, H.S.** Crustacean composition of the prawn trawling artisanal fishery from Praia Da Pinheira region, SC, Brazil.

35. **Mantelatto, F.L., Pardo, L.M., Pileggi\*, L.G.** Clarification of the taxonomic status of the hermit crabs *Pagurus forceps* and *Pagurus comptus* (Paguridae) using molecular analysis.
36. **Maruzzo, D.** Comparative morphology and development of isopod second antennae.
37. **Mendoza\*, P., Escribano, R., Hidalgo, P.** Seasonal variability of copepods (Crustacea, Copepoda) in the coastal upwelling zone off Chipana bay (21°S), northern of Chile.
38. **Moretti, A.N., Roccatagliata\*, D.** On two allied species of the genus *Diastylis* from southern South America (Crustacea: Cumacea: Diastylidae).
39. **Muñoz, C.A., Henríquez, L.A., Báez, P.D., Palma\*, A.T.** Decapods settling but not recruiting into Robinson Crusoe Island: a demographic bottleneck driven by predation?
40. **Ocampo, E., Farias\*, N.E., Chiaradia, N.M., Cledón, M.** Occurrence of pinnotherid crabs (Decapoda: Brachyura) in mollusk populations of San Antonio Oeste, Patagonia Argentina.
41. **Peiró, D.F., Mossolin\*, E.C., Mantelatto, F.L.** Body features and the symbiotic lifestyle: *Austinixa aidae* associated with *Callinectes major* galleries, southern Atlantic, Brazil.
42. **Riquelme-Bugueño\*, R., Escribano, R.** Spatial, vertical and temporal distribution of the euphausiid *Euphausia mucronata* (Crustacea, Euphausiacea) in the coastal upwelling zone off Central/Southern Chile.
43. **Santos, C.R.M., D'Incao\*, F.** A systematic reevaluation of *Callinectes* Stimpson (Brachyura: Portunidae).
44. **Schejter, L., Mantelatto\*, F.L.** Pseudoshell relationship in question: the deep water hermit crab *Sympagurus dimorphus* (Studer 1883) and *Epizoanthus sp.* in southwest Atlantic Ocean.
45. **Schnabel\*, K., Lörz, A.-N., Bruce, N.** Crustacea at work: New Zealand crustacean research past, present and future.
46. **Siqueira, S.L.G., Leite\*, F.P.** Population biology and fecundity of *Leucothoe sp.* (Amphipoda, Leucothoidae) associated to *Phallusia nigra* (Chordata, Tunicata) in southeastern Brazil.
47. **Tutasi\*, P., Palma, S.** Taxonomic identification and distribution of pelagic copepods (Crustacea: Copepoda), in the Ecuadorian waters during la Niña event (September 2001).
48. **Urriago\*, J.D., Dumont, C.P., Thiel, M., Gaymer, C.F.** The native shrimp *Rhynchocinetes typus* as a biological control in scallop aquaculture facilities.
49. **Valério-Berardo, M.T.** New deep sea species of Ampeliscidae (Crustacea: Amphipoda) from the Campos Basin, Rio de Janeiro, Brazil.
50. **Valério-Berardo\*, M.T., Thiago de Souza, A.M., Rodrigues, C.W.** Two new species of the genera *Cerapus* Say, 1817 and *Notopoma* Lowry & Berents, 1996 (Amphipoda, Ischyroceridae) from Brazilian Coast.
51. **Vargas\*, A., Bustos-Obregón, E., Castro, D.** Aquatic microcrustacea as bioindicators of chemical contamination of water.
52. **Vargas, A., Bustos-Obregón, E., Costa del Rio\*, F., Rojas, A.** Chronic toxicity bioassay to determine the effects of boron on the morphology of the microcrustacea *Artemia salina*.
53. **Venegas\*, C.A., Barrera, M.F., Parra, D., Medina, G.** Occurrence of trematode metacercariae in *Samastacus spinifrons* (Decapoda, Parastacidae) and *Aegla sp.* (Decapoda, Aeglididae).
54. **Venn\*, C., Stempko, T.** Variations in shell morphology of a pedunculate barnacle on a buoy in the eastern tropical Pacific: a way to determine growth rates?