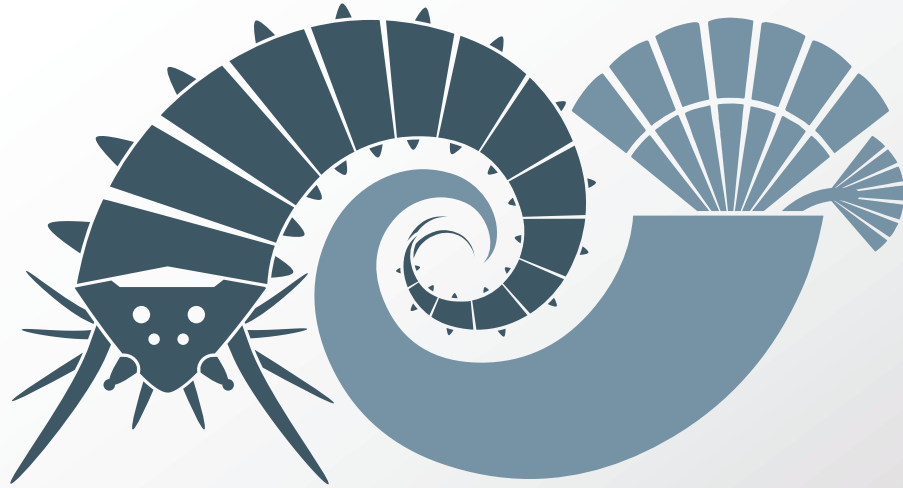


IPC12



12th International Polychaete Conference

National Museum Wales, Cardiff
1st - 5th August 2016

Conference Information

national
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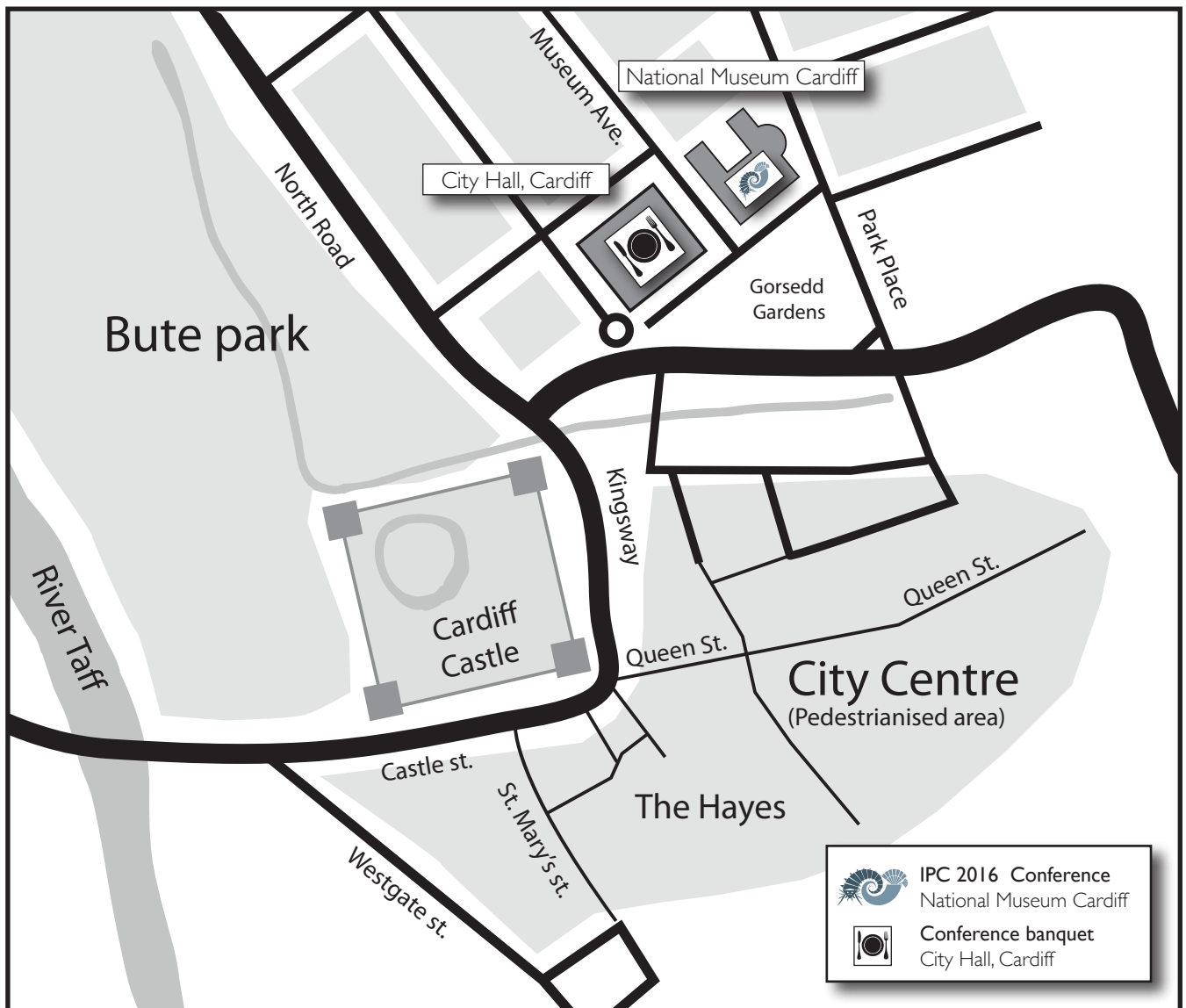
Conference Venues

National Museum Cardiff
Cathays Park, Cardiff, CF10 3NP

- Pre-Conference Workshop (optional): Philosophy of Biological Systematics (Kirk Fitzhugh) - 25-29 July
- IPC 2016 Conference - 1-5 August
- Icebreaker - Monday 1 August (18:00 - 20:00)
- Mid-conference excursion (departure and return point - Museum steps) - Wednesday 3 August (08:30 - 17:00)

City Hall, Cardiff
Cathays Park, Cardiff City Centre, CF10 3ND

- Conference Banquet - Friday 5 August (18.30 - 01:00)



Registration information

Venue

Reardon Smith Lecture Theatre (RSLT)
National Museum Cardiff
Cathays Park, Cardiff, CF10 3NP

Sunday 31st July - 14.00 - 17.00

- Conference registration opens, collection of conference pack, programme booklet & associated information.
- Setting up of posters in gallery adjacent to Reardon Smith Lecture Theatre

Monday 1st August - 08.00 (doors open)

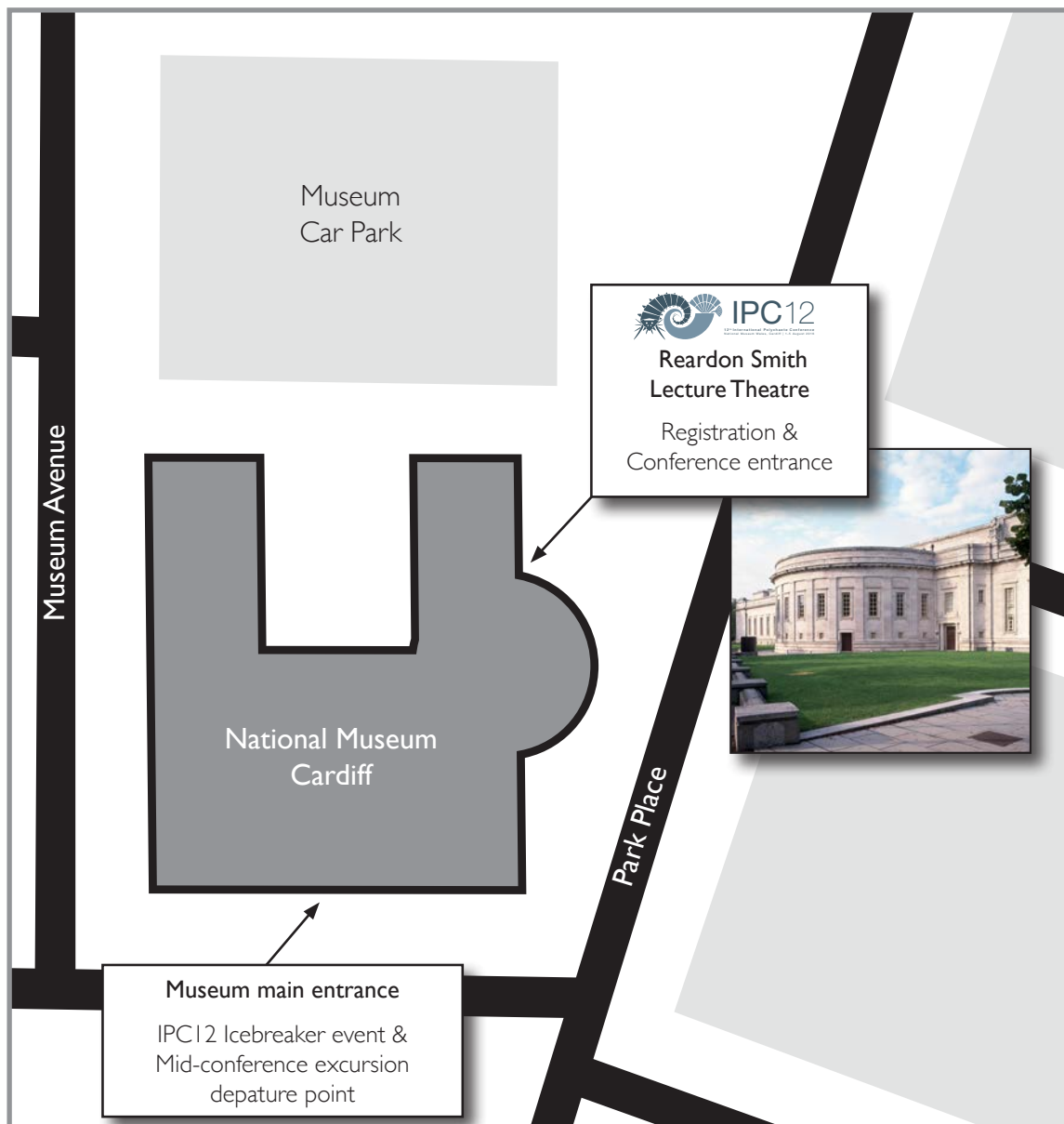
- Conference registration and setting up of posters continues.
- Official start of conference (opening addresses) - 08.40

During the Conference Week (excluding Wednesday 3rd Aug)

Registration desk will remain open for late registration, help and information

Official Conference T-Shirts

Conference T-Shirts pre-ordered online can be collected from the registration desk. If required, and if stock is available, exchanges can be made during Monday 1st August. Remaining T-shirts will then go on general sale to conference attendees from Tuesday 2nd August.



Programme Outline

Sun 31 July

Registration & Poster hanging	
National Museum Cardiff	14.00 - 17.00
Conference registration opens, collection of conference pack, programme booklet & associated information. Setting up of posters in gallery adjacent to Reardon Smith Lecture Theatre.	

Monday 1 August

Day 1 - Conference Sessions	
08.00	Tea/coffee & Registration (continued)
08.45	Official welcome addresses & opening lecture
09.30	DEEP SEA Chair: Adrian Glover
10.30	Tea/Coffee
11.00	SYSTEMATICS Chair: Chris Glasby
12.30	Group Photo (steps at front of Museum) Buffet Lunch (Main hall)
14.00	SYSTEMATICS Chair: Markus Böggemann
15.30	Tea/Coffee
16.00	SYSTEMATICS Chair: James Blake
17.15	End of Sessions
Icebreaker	
18.00 - 20.00	IPC 2016 Icebreaker Event Main Hall, National Museum Wales, Cardiff

Tuesday 2 August

Day 2 - Conference Sessions	
08.30	Doors open
09.00	PHYLOGENY Chair: Damhnait McHugh
10.30	Tea/Coffee
11.00	PHYLOGENY Chair: Torsten Struck
12.15	Lunch (not provided)
13.45	ECOLOGY Chair: Ruth Barnich
15.15	Tea/Coffee
15.45	METHODOLOGIES Chair: Torkild Bakken
17.15	End of Sessions

Wednesday 3 August

Day 3 - Conference Excursion	
08.30 - 08.45	Delegates arrive at National Museum Cardiff (front steps)
09.00	Depart from National Museum Cardiff (WC facilities not available until arrival at the Castle) Please arrive on time. Buses leave promptly at 09.00
09.30	Arrive at Caerphilly Castle: <ul style="list-style-type: none"> • Coaches to park in designated area • Enter the Castle via drawbridge into the main visitor reception area • Delegates free to roam the castle grounds
10.30	Refreshments in the Great Hall: <ul style="list-style-type: none"> • Cold drinks and Welsh cakes for the delegates • Custodian will be available to answer questions about the castle
12.00	Depart from Caerphilly Castle
12.30	Arrive at Llanerch Vineyard: <ul style="list-style-type: none"> • Welcome to the vineyard with a selection of drinks • Farm favourites buffet lunch in Woodland Marquee • Wine tasting and tours of the Vineyard • Optional woodland walk around the ponds (children must be supervised)
17.00	Depart from Llanerch Vineyard
17.30	Arrive at National Museum Cardiff

Thursday 4 August

Day 4 - Conference Sessions	
08.30	Doors open
09.00	BIODIVERSITY Chair: Daniel Martin
10.30	Tea/Coffee
11.00	BIODIVERSITY & ECOLOGY Chair: Gordon Paterson
12.45	Lunch (not provided)
14.00	MORPHOLOGY Chair: Daniel Dauer
16.00 - 17.15	Tea/Coffee Poster Session

Friday 5 August

Day 5 - Conference Sessions	
08.30	Doors open
09.00	REPRODUCTION & LARVAL ECOLOGY Chair: Christina Gambi
10.30	Tea/Coffee
11.00	DEVELOPMENT Chair: Pat Hutchings
12.30	Lunch (not provided) International Polychaetology Association Advisory Council meeting
14.00	POLYCHAETE STUDIES Chair: Susan Chambers
15.15	International Polychaetology Association meeting & next conference bids
16.30	Close of Conference
Conference Banquet	
18.30 - 01.00	IPC 2016 Conference Banquet Cardiff City Hall Cathays Park, Cardiff City Centre, CF10 3ND

Programme of Presentations

Monday 1st August 2016

08.45 Official Welcome Addresses
Dr Andy **Mackie** (IPA President) & Dr Richard **Bevins** (Head of Department of Natural Sciences, AC-NMW)

Opening Lecture: Polychaetes & Aesthetics
Fredrik **Pleijel**

DEEP SEA Chair: Adrian Glover

09.30 Reconstruction of the nervous system in bone-eating *Osedax* spp. and its evolution across Siboglinidae (Annelida)
Katrine **Worsaae**, Nadezhda N. Rimskaya-Korsakova, Greg W. Rouse

09.45 Giants vs pygmies: two strategies in the evolution of deep-sea quill worms (Onuphidae, Annelida)
Nataliya **Budaeva**, Hannelore Paxton, Pedro Ribeiro, Pilar Haye, Dmitry Schepetov, Javier Sellanes, Endre Willassen

10.00 Using genomic tools to understand symbiont-host evolution of deep-sea tubeworms
Yuanning **Li**, Kenneth M. Halanych

10.15 New knowledge from DNA barcoding on diversity and distribution patterns of northern and deep-sea Polychaeta (Annelida)
Torkild **Bakken**, Jon A. Kongsrud, Katrine Kongshavn, Eivind Oug, Tom Alvestad, Nataliya Budaeva, Arne Nygren, Endre Willassen

SYSTEMATICS Chair: Chris Glasby

11.00 A solution to going down the rabbit hole of systematics
Kirk **Fitzhugh**
Q & A

11.30 The importance of the Paleo-Tethys Ocean for the evolution of *Stygocapitella* (Parergodrilidae, Annelida)
Torsten **Struck**, Jens Koczula, Dave Statecny, Christian Meyer, Günter Purschke

11.45 Integrative taxonomy reveals species diversity within *Capitella capitata* complex (Annelida: Capitellidae)
Camila **Silva**, Victor Corrêa Seixas, Rômulo Barroso, Maikon Didomenico, A. Cecília Amaral, Paulo Cesar Paiva

12.00 Genetic taxonomy of *Spirobranchus* spp. in the Gulf of Eilat correlates with operculum morphology and habitat selection
Orly **Perry**

12.15 The allure of anchialine polynoids: investigating their phylogenetic positions, unique morphologies, and troglomorphisms
Brett C. **Gonzalez**, Katrine Worsaae

SYSTEMATICS Chair: Markus Böggemann

14.00 Are “cosmopolitan” species an endangered species?
Pat **Hutchings**

14.15 Understanding invasive serpulid polychaetes: integrative taxonomy to the rescue
Elena **Kupriyanova**, Yanan Sun, Eunice Wong, Pat Hutchings

14.30 Mitochondrial genome rearrangements in calcareous tubeworms: what do they mean
Yanan **Sun**, Andre Minoche, Jian-Wen Qiu, Jane Williamson, Elena Kupriyanova

14.45 Ultrastructural and mineralogical diversity of *Hydroides* (Serpulidae) tubes: new insights into an old problem
Alexei **Ippolitov**, Harry Ten Hove, Vladimir Kosorukov, Yanan Sun, Elena Kupriyanova

15.00 Unrecognized diversity within the scaleworm *Polyeunoa laevis* (Annelida: Polynoidae)
Victoria **Bogantes**, Kenneth Halanych

15.15 Diversity of polynoids (Polynoidae: Polychaeta) from Pacific and Southern Oceans
Paulo **Bonifácio**, Lenka Neal, Lenaick Menot

SYSTEMATICS Chair: James Blake

16.00 Cossuridae: review of current state of knowledge on taxonomy, morphology and phylogeny
Anna **Zhadan**, Elena Vortsepneva, Alexander Tzvetlin

16.15 In the Footsteps of Meredith Jones - Knowledge of the Magelonidae
Kate **Mortimer**

16.30 A new species of *Cirrophorus* (Annelida: Paraonidae) from the Mediterranean Sea, with taxonomic notes on the genera *Cirrophorus*, *Paradoneis* and *Paraonides*
Joachim **Langeneck**, Michele Barbieri, Ferruccio Maltagliati, Alberto Castelli

16.45 Review of *Axionice-Pista* complex (Polychaeta, Terebellidae)
Igor **Jirkov**, Martha Leontovich

17.00 Integrative taxonomy and the species problem in lugworms
Teresa **Darbyshire**

Tuesday 2nd August 2016

PHYLOGENY Chair: Damhnait McHugh

- 09.00 Annelid Phylogeny
Kenneth M. **Halanych** *et. al.* (Wormnet II consortium)
-
- 09.25 Phylogenomic analyses of *Citellata* clarify relationships and illuminate genomic changes behind major habitat transitions
Frank **Anderson**, Christer Erseus, Sam James, Bronwyn Williams, Kevin Horn, Scott Santos, Ken Halanych
- Q & A
-
- 10.00 The impact of fossil data on annelid phylogeny inferred from discrete morphological characters
Luke **Parry**, Gregory Edgecombe, Jakob Vinther, Danny Eibye Jacobsen
-
- 10.15 Worm tubes from ancient hydrothermal vents and cold seeps – towards an improved identification
Magdalena N. **Georgieva**, Crispin T. S. Little, Jonathan S. Watson, Mark A. Sephton, Alexander D. Ball, Adrian G. Glover

PHYLOGENY Chair: Torsten Struck

- 11.00 Molecular phylogeny of bamboo worms (Annelida: Maldanidae)
Genki **Kobayashi**, Ryutaro Goto, Shigeaki Kojima
-
- 11.15 Phylogenetic study of the family Capitellidae (Annelida) in Japan
Shinri **Tomioka**, Hiroshi Kajihara
-
- 11.30 On the evolution of Spionidae (Annelida)
Vasily **Radashevsky**, Victoria Pankova, Vasily Malyar, Tatyana Neretina
-
- 11.45 Phylogeny and evolution of mitochondrial genomes in Polynoidae
Yanjie **Zhang**, Jin Sun, Jian-Wen Qiu
-
- 12.00 Diversity and phylogeny of *Diopatra* bristle worms (Onuphidae, Annelida) from West Africa
Martin **Hektoen**, Nataliya Budaeva

ECOLOGY Chair: Ruth Barnich

- 13.45 Invasion of the genus *Marenzelleria* (Polychaeta: Spionidae) into the Don River mouth and the Taganrog Bay: morphological and genetic study
Vitaly **Syomin**, Andrey Sikorski, Ralf Bastrop, Boris Stradomski, Elena Fomina, Dmitry Matishov
-
- 14.00 Spatial distribution and sympatry occurrence of *Marphysa* spp. (Eunicidae) in Morib mangrove, Malaysia
Izwandy **Idris**, Muta Harah Zakaria, Japar Sidik Bujang, Aziz Arshad
-
- 14.15 Cryptic dispersal as a driver of genetic connectivity in a shell boring polychaete (Annelida: Spionidae).
Andrew **David**, Benjamin Loveday, Conrad Matthee, Carol Simon
-
- 14.30 Microplastics ingestion by Nereidid, Onuphid and Capitellid polychaetes at Terengganu, peninsular Malaysia
Yusof Shuaib **Ibrahim**, Sabiqah Tuan Anuar, Nurizzati Zulnaidi
-
- 14.45 Insights into the genetic flow and the phylogenetic relationships of a new phyllodocid from the shallow-water Southern Ocean
Carlos **Leiva**, Ana Riesgo, Conxita Avila, Greg Rouse, Sergi Taboada
-
- 15.00 Particle selection and feeding behavior in two cirratulid polychaetes
Wagner **Magalhães**, Julie Bailey-Brock

METHODOLOGY Chair: Torkild Bakken

- 15.45 The DNA Barcode reference library of Korean Polychaetes
Hana **Kim**, Jung Ho Lee, Hyun-Chool Shin, Jin-Woo Chio, Byoung-Seoul Koh, Gi-Sik Min, Youn-Ho Lee
-
- 16.00 Experiences after three years of automated DNA barcoding of Polychaeta
Katrine **Kongshavn**, Jon Anders Kongsrud, Torkild Bakken, Tom Alvestad, Eivind Oug, Arne Nygren, Nataliya Budaeva, Endre Willassen
-
- 16.15 Micro-CTlab: A web based virtual gallery of biological specimens using micro-computed tomography (micro-CT)
Kleoniki Keklikoglou, Evaggelia Chatzinikolaou, Sarah Faulwetter, Irene Filiopoulou, Alexandros Gougousis, Nikitas Michalakis, Nikos Minadakis, Emmanouela Panteri, George Perantinos, Christos **Arvanitidis**
-
- 16.30 Next-generation histology as a tool in Annelid morphology
Ekin **Tilic**, Patrick Beckers
-
- 16.45 AMMA-IP3: Indo-Pakistan Polychaeta (Annelida) Portal
Mathan **Magesh**, Javed Mustaquim, Elena K Kupriyanova, Paul W. Kingsley, Paulo Roberto Pagliosa
-
- 17.00 How to get funding to do polychaete taxonomy, and some new data from the deep-sea Pacific
Adrian **Glover**

Thursday 4th August 2016

BIODIVERSITY Chair: Daniel Martin

-
- 09.00 The Vema Fracture Zone – a bridge through the Middle Atlantic Ridge?
Theresa **Guggolz**, Angelika Brandt, Karin Meißner, Lidia Lins
-
- 09.15 Marine Intertidal Polychaetes of Kuwait
Manal **Al-Kandari**
-
- 09.30 Functional biodiversity of marine soft bottom polychetes in two Mediterranean coastal areas
Federica **Nasi**, Rocco Auriemma, Tamara Cibic, Paola Del Negro
-
- 09.45 Macrobenthic Polychaetes along the Continental Shelf of Southwest and Southeast Coast of India
C K **Smitha**, Rosamma Philip, R Damodaran
-
- 10.00 NIS surveys: polychaete diversity in San Francisco bay, California (USA)
Erica **Keppel**, Andy L. Chang, Michelle L. Marraffini, Leslie Harris, Gregory Michael Ruiz
-
- 10.15 Benthic index development for Barnegat Bay, USA based on three years of macrofaunal data
Gary Taghon, Patricia **Ramey-Balci**, Judith Grassle, Charlotte Fuller, Rosemarie Petrecca

BIODIVERSITY & ECOLOGY Chair: Gordon Paterson

-
- 11.00 A preliminary investigation on Macrobenthic Polychaete community structure in intertidal habitats along the south Andaman coast, India.
Raj Kiran **Lakra**, Jawed Equbal, Savurirajan Muthulingam, Kunal Satyam, Ganesh Thiruchitrabalam
-
- 11.15 Spatio-temporal analysis of benthic polychaete community structure in northwestern coast of Baja California, Mexico
Arturo **Alvarez-Aguilar**, Verónica Rodríguez-Villanueva, Vincio Macías-Zamora
-
- 11.30 Establishing an Ecological Baseline of Infaunal Community Assemblages in Nearshore Sediments of Southeast Florida
Candace **Grimes**
-
- 11.45 Community Ecology of Polychaeta (Annelida) in Soft Bottom Macrobenthos of Southern South China Sea
Noor Shahida **Rosli**, Zainudin Bachok
-
- 12.00 Soft-bottom macroinvertebrate communities from the shallow waters of Deception Island (South Shetland Islands, Antarctica)
Conxita **Avila**, Carlos Angulo-Preckler, Carlos Leiva, Sergi Taboada
-
- 12.15 Serpulids and bryozoans from submarine caves of the Eastern Mediterranean
Rossana **Sanfilippo**, Antonietta Rosso, Vasilis Gerovasileiou
-
- 12.30 High diversity of Syllidae from Chilean Patagonia: new species and records found inside *Chaetopterus variopedatus* tubes
Eulogio **Soto**, Guillermo San Martin

MORPHOLOGY Chair: Daniel Dauer

-
- 14.00 Does sessility simplify nervous systems? A case study in Annelida
Patrick **Beckers**, Thomas Bartolomaeus
-
- 14.15 Nervous system diversity in interstitial Syllidae
Hannah **Schmidbauer**, Thomas Schwaha, Gerhard Steiner
-
- 14.30 Detailed reconstructions of the brain structure and neurotransmitter reactivity in three species of meiofaunal Dinophilidae (Annelida) reveal unexpected high organizational variation
Alexandra **Kerbl**, Markus Conzelmann, Gáspár Jékely, Katrine Worsaae
-
- 14.45 Functional evidence for the parenteral nourishment in the gutless polychaete *Astomus taenioides* (Annelida, Protodrilida)
Günter **Purschke**, Isabel Dykstra, Claude Jouin-Toulmond
-
- 15.00 Fine structure of polychaete tubes in Maldanidae (Annelida)
Tatiana **Shcherbakova**, Maria Mardashova, Olga Sokolova, Alexander Tzvetlin
-
- 15.15 A closer look at tomopterid biology: fluid and swimming mechanics
Karen **Osborn**, Nadege Aoki, Natalia Mushegian, Kakani Katija
-
- 15.30 Exploring functional morphology and its inference on the distribution of Sabellariidae
Larisse **Faroni-Perez**
-
- 15.45 Stylet jaws of the Chrysopetalidae (Annelida: Phyllococida)
Charlotte **Watson**, Sarah Faulwetter

POSTER SESSION

16.00 - 17.15 Official poster session

Friday 5th August 2016

REPRODUCTION & LARVAL ECOLOGY Chair: Christina Gambi

- 09.00 The fertilization process, oviposition behavior and larval development of *Nereis vexillosa* (Annelida:Polychaeta)
Dazuo **Yang**
-
- 09.15 Strategic plasticity: Reproductive periodicity and gamete development of an invasive fanworm, *Sabella spallanzanii*
Aria **Lee**, Katherine Dafforn, Emma Johnston, Pat Hutchings
-
- 09.30 New discoveries in onuphid reproduction – surprising, intriguing, bizarre
Andrés **Arias**, Hannelore Paxton
-
- 09.45 A transcriptomic approach to Syllid (Annelida) reproduction
Patri **Álvarez-Campos**
-
- 10.00 Cryptic diversity and colonization processes in *Ophryotrocha* inhabiting mammal bones in the shallow-water Mediterranean Sea
Sergi **Taboada**, Carlos Leiva, Maria Bas, Nancy Schult, Damhnait Mchugh
-
- 10.15 Metamorphosis and settlement of the intertidal tubeworm *Spirobranchus cariniferus* (Gray 1843)
Robert Paul **Wolf**, Nicole E. Phillips

DEVELOPMENT Chair: Pat Hutchings

- 11.00 Structure and formation of coelomic cavities in Annelida
Thomas **Bartolomaeus**, Björn Quast, Markus Koch
-
- 11.15 Larval Development of Polychaeta from the Northern California Coast VI. Additional Species from Laboratory Cultures and Plankton together with the Seasonal Occurrence of Planktic larvae over a 6-year period
James A. **Blake**
-
- 11.30 Enigmatic freshwater freaks: larval development of *Caobangia billeti* Giard 1893 (Fabriciidae)
Glafira **Kolbasova**, Alexander Tzvetlin
-
- 11.45 Establishing a syllid model species – gene expression studies in *Typosyllis antoni*
Christoph **Bleidorn**, Maria Teresa Aguado
-
- 12.00 The larval neuroanatomy of basally branching annelids (Oweniidae and Magelonidae)
Conrad **Helm**, Ioannis Kourtesis, Harald Hausen
-
- 12.15 The development of *Thalassema thalasseum* (Echiura) provides novel insights into the evolution of trochophore larvae
Joern **von Doehren**, Ekin Tilic

POLYCHAETE STUDIES Chair: Susan Chambers

- 14.00 Bait collecting activity in the Knysna estuary, 20 years on
Carol **Simon**, Alheit Du Toit, Louw Claassens, Frances Smith, Peter Smith, Kyle Smith
-
- 14.15 Diversity of venom cocktails and unexpected neurotoxin expression in the venomous Glyceridae
Sandy **Richter**, Lahcen I. Campbell, Giampietro Schiavo, Christoph Bleidorn, Ronald A. Jenner
-
- 14.30 Transcriptome-based molecular characterization of venom in amphinomids (Annelida, Amphinomidae)
Aida **Verdes**, Danny Simpson, Mandë Holford
-
- 14.45 Spatial and temporal interrelations of isotropic and oriented structures of spirorbin tubes (Serpulidae)
Alexander **Rzhavsky**, Alexei Ippolitov
-
- 15.00 Tigers into the blue: Territorial attacks in the chaetopterid associated polynoid *Ophthalmonoe pettiboneae*
Daniel **Martin**, Temir A. Britayev

INTERNATIONAL POLYCHAETOLOGY ASSOCIATION

- 15.15 - 16.30 International Polychaetology Association Meeting & next conference bids

List of Posters

- 1 ***Pseudopolydora* (Annelida, Spionidae) from the Arabian Gulf, Kuwait**
Manal **Al-Kandari**, Vasily Radashevsky
- 2 **New records of polychaetes from Kuwait**
Manal **Al-Kandari**
- 3 **Diversity and species distributions of Glyceriformia in shelf areas off western Africa**
Lloyd **Allotey**, Akanbi Bamikole Williams, Jon Anders Kongsrud, Tom Alvestad, Katrine Kongshavn, Endre Willassen
- 4 **Systematics and evolution of *Trypanosyllis* and the case of its pseudo-cryptic type species *Trypanosyllis krohnii* (Annelida, Syllidae)**
Patricia **Álvarez-Campos**
- 5 **The *Syllis gracilis* species complex: a molecular approach to a difficult taxonomic problem (Annelida, Syllidae)**
Patricia **Álvarez-Campos**
- 6 ***Eclysippe* Eliason, 1955 (Annelida, Ampharetidae) from the North Atlantic with the description of a new species from Norwegian waters**
Tom **Alvestad**, Jon Anders Kongsrud, Katrine Kongshavn
- 7 **Onuphid polychaetes associated with *Cymodocea nodosa* meadows of La Gomera (Canary Islands, NW Africa) – new species and new records from the eastern Atlantic**
Andrés **Arias**, Jorge Núñez, Hannelore Paxton
- 8 **Redescription and ontogeny of the controversial eunicid *Marphysa saxicola* Langerhans, 1881**
Andrés **Arias**, Jorge Núñez
- 9 **Shallow-water *Osedax* (Annelida, Siboglinidae) from Antarctic, Subantarctic, and Mediterranean waters**
Conxita **Avila**, Sergi Taboada, Ana Riesgo, Maria Bas, Miquel A. Arnedo, Javier Cristobo, Greg W. Rouse
- 10 **Diversity of the genus *Malmgrenia* McIntosh, 1874 in the NE Atlantic re-assessed**
Ruth **Barnich**, Anna Dietrich, Tajana Hager, Dieter Fiege
- 11 **On the genus *Branchamphinome* (Polychaeta: Amphinomidae), with a description of a new species from the Southwestern Atlantic and emendation of the genus**
Rômulo Barroso **Barroso**, Natalia Ranauro, Jerry Kudenov
- 12 **The evolution of the nervous systems in Annelida in the light of current molecular phylogenies**
Patrick **Beckers**, Thomas Bartolomeaus
- 13 **Non-invasive identification of tomopterids and genetic validation of northeast Pacific species**
Leann **Biancani**, Karen Osborn
- 14 **Abyssal Glyceriformia (Annelida) from the ANDEEP expeditions**
Markus **Böggemann**,
- 15 **Morphological analysis of *Perinereis nuntia* (Annelida: Nereididae) of Iran suggests restricted gene flow between Persian Gulf and Gulf of Oman populations**
Alieh **Bonyadi Naeini**, Hassan Rahimian, Nasrullah Rastegar-Pouyani, Christopher J. Glasby
- 16 **Functional changes in polychaete assemblages subjected to contaminants from industrial effluent discharges in Norwegian fjords**
Gunhild **Borgersen**, Eivind Oug, Hilde Cecilie Trannum
- 17 **Genetic investigations into cryptic diversity, biogeography and the trophic traits of deep-sea Antarctic polychaetes**
Madeleine Brasier, Rachel Jeffreys, Adrian **Glover**, Katrin Linse, Ruhl Henry

-
- 18 Lumping and splitting at once: the interesting case of *Ephesiella* and *Sphaerodorum* (Sphaerodoridae, Annelida) in the North East Atlantic
Maria Capa, Joan Pons, Torkild **Bakken**, Arne Nygren
- 19 On some Terebelliform polychaetes from deep waters in the SW Atlantic Ocean
Orlemir Carrerette, João M.m. **Nogueira**
- 20 A new species of *Bispira* (Polychaeta: Sabellidae) from the Alboran Sea (SW Mediterranean Sea)
Diego **Cepeda-Gómez**, Patricia Lattig
- 21 A new species of *Haplosyllis* (Annelida: Syllidae) from Saudi Arabian Red Sea, with a dichotomous key of the Indo-Pacific species
Diego **Cepeda-Gómez**, Daniel Martin, Temir Britayev, Patricia Lattig
- 22 On the origins of Cryptic Species: Insights from the interstitial *Stygocapitella subterranea* species complex (Parergodrilidae)
José **Cerca de Oliveira**, Michael Nowak, Günter Purschke, Torsten H. Struck
- 23 *Chaetozone* of N E Atlantic and Mediterranean shallow waters.
Susan **Chambers**
- 24 A new species and new record of genus *Sternaspis* (Polychaeta: Sternaspidae) from Korean waters
Hyun Ki **Choi**, Jin-Woo Choi, Seong Myeong Yoon
- 25 High genetic diversity in abyssal plain annelid infauna
Thomas **Dahlgren**, Helena Wiklund, Sergio Taboada, Pedro Martinez Arbizu, Adrian G. Glover
- 26 Will the real *Abarenicola assimilis brevior* (Polychaeta: Arenicolidae) please stand up? Taxocene patterns of benthic secondary productivity along an estuarine/stress gradient
Daniel **Dauer**, Kalina Brauko², Roberto LLansó³, Michael Lane⁴,
- 27 Physiological performance of the invasive polychaete, *Marenzelleria viridis*, under varying salinity regimes
Andrew **David**, Tracy Whitford, Jason Williams
- 28 *Eurysyllis* (Phyllodocida: Syllidae) from Brazil, with the description of 3 new species
Felipe Ramon Podadera de Chiara, Marcelo Veronesi **Fukuda**, João Miguel De Matos Nogueira
- 29 *Trypanosyllis* and *Xenosyllis* (Phyllodocida: Syllidae) from Campos and Espirito Santo Basins (SE Brazil)
Felipe Ramon Podadera de Chiara, Marcelo Veronesi **Fukuda**, João Miguel De Matos Nogueira
- 30 Redescription of *Nephtys longicornis* Perejaslavzeva, 1891
Nataliya Yurjevna **Dnestrovskaya**, Igor A. Jirkov
- 31 Phylogeny of Ampharetidae
Mari Heggernes Eilertsen, Tom **Alvestad**, Hans Tore Rapp, Jon Anders Kongsrud
- 32 Assessing the ecological quality of Port Blair coast (South Andaman, India) using benthic biotic indices
Jawed Eqbal, Raj Kiran **Lakra**, Savurirajan Muthulingam, Kunal Satyam, Ganesh Thiruchitrabalam
- 33 Climate and environmental changes driving biogeographic shifts in sabellariid reefs
Larisse **Faroni-Perez**, Pablo Raul, Paulo Pagliosa
- 34 First record of the subfamily Anoplosyllinae Aguado & San Martín, 2009 (Phyllodocida, Syllidae) in Brazil, with 13 new species
Marcelo Veronesi **Fukuda**, Karla Paresque, João Miguel De Matos Nogueira, Guillermo San Martín
- 35 Terebellides (Terebellidae: Polychaeta) from the North Polar Basin
D.R. Gaeva, I.A. **Jirkov**
-

-
- 36 **Biology and population structure of *Syllis prolifera* Krohn (Syllidae) in relation to ocean acidification**
Maria Cristina **Gambi**, Mariagrazia Manzo, Alexia Massa-Gallucci
- 37 **DNA taxonomy and population connectivity (macrofauna and megafauna) methods for work in the abyssal Clarion-Clipperton Zone (CCZ), central Pacific Ocean**
Adrian **Glover**
- 38 **Deep Sea ID: a field guide to the marine life of the deep sea**
Adrian **Glover** Investigating the complexities of the Sigalionidae using a total evidence approach (Aphroditiformia; Annelida) Brett C. **Gonzalez**, Alejandro Martínez, Elizabeth Borda, Thomas M. Iliffe, Danny Eibye-Jacobsen, Katrine Worsaae
- 39 **Merging morphological and molecular techniques to identify and characterise polychaetes**
Fiona **Gower**, Susie Wood, Anastasija Zaiko, Eva Garcia -Vazquez
- 40 **Polychaete latitudinal patterns of alpha and beta diversity along the Western Gulf of California continental shelf, Mexican Pacific**
Pablo Hernández-Alcántara, Diana Melissa Cuéllar-Mercado, Adriana Barbosa-López, Vivianne **Solis-Weiss**
- 41 **Delineation of *Capitella* species in the Northern Gulf of Mexico**
Justin **Hilliard**, Marissa Hajduk, Anja Schulze
- 42 **Infestation of the cultured Atlantic bay scallop *Argopecten irradians* by *Polydora* spp. (Annelida, Spionidae) in South Korea**
Jae-Sang Hong, Waka **Sato-Okoshi**
- 43 **The invasive fanworm *Sabella spallanzanii* (Sabellidae, Annelida) in Australia and New Zealand**
Pat **Hutchings**, Ingo Burghardt, Yanan Sun, Shane Ahyong, Maria Capa, Elena Kupriyanova
- 44 **Two new species of *Pista* Malmgren, 1866 (Polychaeta: Terebellidae) from the Adriatic Sea (Mediterranean)**
Pat **Hutchings**, Barbara Mikac
- 45 **Structure and dynamics of macrobenthic polychaete community before and after the Great East Japan Earthquake in Onagawa Bay, northeastern Japan**
Tatsumi **Iwabuchi**
- 49 **Hematophagous leeches of the genus *Haementeria* from Brazil**
Rafael Eiji Iwama, João Miguel **De Matos Nogueira**
- 47 **Ten undescribed species of *Cirriformia* (Annelida: Cirratulidae) from Japan**
Naoto **Jimi**, Hiroshi Kajihara, Yoshihiro Fujiwara
- 48 **The deepest record for polychaetes from Mariana trench**
Naoto **Jimi**, Syuichi Shigeno, Akihiro Tame, Katsunori Kimoto, Yuriko Kimoto, Hiroshi Kajihara, Shinji Tsuchida, Yoshihiro Fujiwara
- 49 **A simple method to make identification of aquatic invertebrates much easier**
Igor **Jirkov**, Natalya Dnestrovskaya, Martha Leontovich
- 50 **Molecular regionalization in the compact adult brain of the meiofaunal annelid *Dinophilus gyrotilatus* (Dinophilidae)**
Alexandra **Kerbl**, José M. Martín-Duran, Andreas Hejnol, Katrine Worsaae
- 51 **Body growth pattern of vestimentiferan tubeworms (Annelida: Siboglinidae) suggested by the size distribution of cuticular plaques**
Genki **Kobayashi**, Tomoyuki Miura, Shigeaki Kojima
- 52 **The early succession of polychaetes in a shallow eutrophic lagoon after the 2011 tsunami impact**
Tomohiko **Kondoh**, Goh Nishitani, Yoshinari Endo, Waka Sato-Okoshi
-

-
- 53 *Ophelina* (Polychaeta, Opheliidae) in Norwegian waters and adjacent areas – taxonomy, identification and species distributions
Jon Anders **Kongsrud**, Eivind Oug, Torkild Bakken, Arne Nygren, Katrine Kongshavn
- 54 Novel morphology in a new genus and species of deep-water Amphinomidae (Annelida: Amphinomida) from the eastern Pacific
Jerry **Kudenov**, Liz Borda, Daniel Desbruyeres
- 55 Abyssal polychaete size spectra, metabolic theory and macroecology
Claire Laguionie Marchais, Brian J. Bett, Gordon L. J. **Paterson**, Kenneth Jr. Smith, Henry A. Ruhl
- 56 Molecular data support *Pharyngocirrus gabriellae* (Saccocirridae: Annelida) as an amphi-Atlantic and amphi-American species
Paulo **Lana**, Nalita Scamparie, Karin Fehlauer-Ale, Maikon Di Domenico, Alejandro Martinez, Katrine Worsaae
- 57 Oxidative stress in the polychaete *Laeonereis culveri* after abrupt contamination and decontamination by sewage in a subtropical estuary
Paulo **Lana**, Thyanne Baros, Roberta Klein, Adalto Bianchini
- 58 A new giant species of *Loimia* (Annelida: Polychaeta: Terebellidae) from France
Nicolas **Lavesque**, Paulo Bonifácio, Mario H. Londoño-Mesa, Vincent Le Garrec, Jacques Grall
- 59 Two new records of the genus *Naineris* (Polychaeta: Orbiniidae) on the Brazilian coast
Luciana S. D. **Leão**
- 60 Southward bound – first report of tropical Sabellids in temperate southern Australia
Aria **Lee**, Katherine Dafforn, Emma Johnston, Pat Hutchings
- 61 A new species of *Branchipolynoe* (Polynoidae: Polychaeta) commensal with cold-seep deep-sea mussels in the South China Sea
Xinzheng **LI**
- 62 *Pista* Malmgren, 1866 (Terebellidae) from Norway and adjacent areas
Mario H. Londoño-Mesa, Arne **Nygren**, Jon Anders **Kongsrud**
- 63 Polycirrinae (Terebellidae, Polychaeta) from West Africa
Mario H. Londoño-Mesa, Tom **Alvestad**, Jon Anders **Kongsrud**, Katrine **Kongshavn**
- 64 Planktonic polychaetes from South American Pacific
Mario H. **Londoño-Mesa**, Diego F. Mojica-Moncada
- 65 Taking a closer look: an SEM Review of *Levinsenia* (Paraonidae: Polychaeta).
Lawrence L. **Lovell**, Kirk Fitzhugh, Leslie H. Harris
- 66 *Anguillosyllis* (Polychaeta: Syllidae) from multiple deep-water locations in the northern and southern hemispheres
Nancy J. **Maciolek**
- 67 A new *Poecilochaetus* from Rodrigues, southwest Indian Ocean
Andrew S.Y. **Mackie**, Cinthya S.G. Santos
- 68 A new species of *Raricirrus* (Annelida: Cirratuliformia) from deep-water sunken wood off California
Wagner **Magalhaes**, Helena Wiklund, Adrian Glover
- 69 Opheliidae (Annelida: Polychaeta) from Hawaii, Guam and American Samoa
Wagner **Magalhães**
- 70 Biochemical Composition and function of jelly masses of *Marphysa graveleyi* (Polychaeta: Eunicidae) from Pulicat lake, India.
E **Malathi**, Juliana Collete, Lyndsay Priscilla
-

-
- 71 **Assessment of Polychaete Diversity on Pacific Coral Reefs Using Autonomous Reef Monitoring Structures (ARMS) and Genetic Barcoding.**
Damhnait **McHugh**, Nancy Schult, Isabelle James, Evelyn Rhodes, Kerry Reardon, Molly Timmers
- 72 **Life history of a symbiotic *Oxydromus* (Annelida, Hesionidae) hosted by *Scrobicularia plana* in Cádiz Bay, with the description of the Iberian population as a new species based on morphometry**
Miquel Angel Meca Jimenez, João Gil, Pilar Drake, Arne Nygren, Daniel **Martin**
- 73 **Polychaete community dynamics found at the Western Channel Observatory(WCO); a contribution to the NERC national capability programme.**
Caroline Louise **McNeill**, Joana Nunes, Sarah Dashfield, Paul Somerfield, Steve Widdicombe
- 74 **Long-term studies of disturbance in the deep-sea – DISCOL revisited**
Karin **Meißner**, Dieter Fiege, Thomas Kneibelsberger
- 75 **Effects of the invasion of macroalga *Asparagopsis taxiformis* on the polychaete assemblages associated to the native macroalga *Cystoseira brachycarpa* in the Mediterranean Sea**
Barbara **Mikac**, Riccardo D'agostaro, Fabio Badalamenti, Marco Milazzo, Luigi Musco, Renato Chemello
- 76 **Serpulidae (Annelida) from Vitória-Trindade seamount chain (Espírito Santo, Brazil)**
Carlos Diego Neves Ananias, João Miguel De Matos **Nogueira**, Orlemir Carreterete
- 77 **A new hypothesis of phylogenetic relationships within the polychaete family Telothelepodidae (Annelida, Terebelliformia)**
João **Nogueira**, Kirk Fitzhugh, Patricia Hutchings, Orlemir Carreterete
- 78 **Taxonomic review of the species of the family Telothelepodidae Nogueira, Fitzhugh & Hutchings, 2013 (Annelida, Terebelliformia), with descriptions of one new genus and three new species**
João **Nogueira**, Patricia Hutchings, Orlemir Carreterete
- 79 **Benthic macrofauna communities of the Celtic Sea; a contribution to the Shelf Sea Biogeochemistry (SSB) programme**
Joana **Nunes** Caroline Louise McNeill, Amanda Beesley, Sarah Dashfield, Steve Widdicombe
- 80 **More species of *Terebellides* than you can imagine**
Arne **Nygren**, Torkild Bakken, Karin Meißner, Julio Parapar, Joan Pons, Maria Capa
- 81 **The role of sensory system for adaptation to the hydrothermal vents in *Paralvinella hessleri***
Tetsuya **Ogino**, Shingo Maegawa, Shuichi Shigeno, Atsushi Ogura, Katsunori Fujikura, Haruhiko Toyohara
- 82 **Lumbrineridae (Annelida, Polychaeta) from Norwegian and adjacent waters with the description of a new deep-water species of *Abyssoninoe***
Eivind **Oug**, Katrine Kongshavn, Jon Anders Kongsrud
- 83 **Population genetic structure of a *Timarete punctata* complex species and their potential for biological invasion**
Paulo Cesar **Paiva**, Victor Correa Seixas, Joana Zanol, Wagner F Magalhães
- 84 **Using an ecological niche modeling approach to clarify the systematics of a group of Syllinae (Syllidae)**
Karla **Paresque**, André Andrade, João Miguel de Matos Nogueira, Marcelo Veronesi Fukuda
- 85 **Taxonomic Guide to the Marine Fauna and Flora of the Falkland Islands: The Offshore Polychaete Fauna**
Gordon **Paterson**, Lenka Neal, Cate Huque, David Blockley
- 86 **Comparative anatomy of amphinomid pharynx and gut using CT**
Gordon **Paterson**, Lawrence E. Hawkins, Farah Ahmed, Jerry D. Kudenov, Dan Sykes, Elisabeth Johnsey
- 87 **First record of *Aonidella cirrobranchiata* (Polychaeta: Spionidae) for the Western Atlantic**
Antonio Peixoto, Paulo **Paiva**
-

-
- 88 **First record of *Spioalea* (Polychaeta: Spionidae) for the Western Atlantic**
Antonio Peixoto, Paulo Cesar de **Paiva**
- 89 **Hermaphroditism in the Antarctic polychaete *Apistobranchus glaciera* Hartman, 1978 (Apistobranchidae)**
Monica A.V. **Petti**, Filipe A.c. Rouefski, June F. Dias, Helcy L.n. Silbiger, Helena P.Lavrado
- 90 **Revisited Syllidae of the coarse sand benthic communities from the English Channel**
Jean-philippe **Pezy**, Alexandrine Baffreau, Jean-Claude Dauvin
- 91 **Polychaetes species diversity: applying monitoring data for spatial distribution and ecology update**
Barbara **La Porta**, Timothy Breton, David Gibson
- 92 **Population identification and metallothionein expression in *Hediste diversicolor* (Annelida, Polychaeta) exposed to heavy metals at the Callahan Mine superfund site in Maine, USA**
Nancy **Prentiss**, Timothy Breton, David Gibson
- 93 **Histological analysis of regeneration stages in *Myxicola infundibulum* (Polychaeta, Sabellidae)**
Nancy **Prentiss**
- 94 **Biodiversity of Polychaetes (Annelida) in a rocky intertidal habitat from the Gulf of Oman, Iran**
Monireh **Rabiei Lichaei**
- 95 ***Dipolydora* (Annelida: Spionidae) from around southern Korean Peninsula**
Vasily **Radashevsky**, Jin-Woo Choi, Vasily Malyar, Seungshic Yum
- 96 ***Malacoceros* (Annelida: Spionidae) from shallow waters around the British Islands**
Vasily **Radashevsky**, David Hall, Tim Worsfold
- 97 ***Dipolydora* (Annelida: Spionidae) from Norway**
Vasily **Radashevsky**, Andrey Sikorski
- 98 **Amphinomidae (Polychatete) from shallow and deep waters of southwestern Atlantic**
Natália **Ranauro**, Paulo Cesar Paiva, Jerry Kudenov, Romulo Barroso
- 99 ***Tainokia*, an unusual Oeonidae recorded from the Atlantic ocean**
Ascensão **Ravara**, Marina R. Cunha
- 100 **Nephtyidae from Red Sea, with record of a new species**
Ascensão **Ravara**, Susana Carvalho
- 101 **Nephtyidae (Polychaeta, Phyllodocida) of West African shelf areas**
Ascensão **Ravara**, Jon Anders Kongsrud, Tom Alvestad
- 102 **WoRMS-based adventures in Polychaeta nomenclature; some surprises, mistakes and misinterpretations**
Geoffrey B. **Read**
- 103 **Abundance and distribution patterns of Paraonidae in the continental shelf of the southern Gulf of Mexico**
Octavio Quintanar Retama, Pablo Hernández-Alcántara, Vivianne **Solís-Weiss**
- 104 **Brain anatomy of esophagus-less *Osedax* (Siboglinidae) and organisation of the canonical for annelids supraesophageal commissures**
Nadezhda N. **Rimskaya-Korsakova**, Greg Rouse, Katrine Worsaae
- 105 **Taxonomic review of the Family Cossuridae (Annelida: Polychaeta) and description of five *Cossura* species from the Brazilian southeast coast**
Alexandra Elaine **Rizzo**, Jaqueline Carvalho Rodrigues
- 106 **Do *Sabellaria wilsoni* (Polychaeta: Sabellaridae) reefs enhance benthic diversity along the Amazon coast?**
José Souto **Rosa Filho**
-

-
- 107 Palaeozoic sabellids and serpulids (Annelida Polychaeta) from the Permian of Sicily
Rossana **Sanfilippo**, Agatino Reitano, Giovanni Insacco, Antonietta Rosso
- 108 Serpulidae (Polychaeta) associated to *Cystoseira* communities from the Mediterranean Sea: preliminary data
Rossana **Sanfilippo**, Antonietta Rosso, Francesco Sciuto, Donatella Serio, Marcello Catra, Giuseppina Alongi, Alfio Viola, Riccardo Leonardi
- 109 Is *Platynereis dumerilii* (Audouin & Milne Edwards, 1834) (Nereididae: Annelida) present along Brazilian coast?
Cinthya S.G. **Santos**, Kenneth M. Halanych .
- 110 Ontogeny of *Caulleriella breveciae* (Polychaeta: Cirratulidae): Evidence of viviparity
Maria Andrea Saracho Bottero, Rodolfo Elias, Wagner **Magalhães**
- 111 Species of *Cirratulus* (Polychaeta: Cirratulidae) from the Argentinean coast
Maria Andrea Saracho Bottero, Rodolfo Elias, Wagner **Magalhães**
- 112 *Haplosyllis basticola* Sardá, Avila & Paul, 2002 revisited from a collection obtained in Lizard Island (Australia).
Rafael **Sardá**, Conxita Avila
- 113 Infestation of the cultured Atlantic bay scallop *Argopecten irradians* by *Polydora* spp. (Annelida, Spionidae) in South Korea
Jae-Sang Hong, Waka **Sato-Okoshi**
- 114 Reproduction in *Ramisyllis multicaudata* (Phyllodocida: Syllidae)
Paul C. **Schroeder**, Christopher J. Glasby, María Teresa Aguado
- 115 Responses to low dissolved oxygen in the bearded fireworm, *Hermodice carunculata* (Annelida: Amphinomidae)
Anja **Schulze**
- 116 Sperm Watch: using citizen scientists to help understand reproductive patterns in *Arenicola marina* populations
Abbi **Scott**, Katrin Bohn, Gordon Watson
- 117 Complete mitochondrial genomes are not necessarily informative to recover a reliable invertebrate phylogeny
Victor Correa Seixas, Paulo Cesar **Paiva**, Claudia Augusta De Moraes Russo
- 118 Long-term comparison of polychaete species inhabiting soft-bottom habitats of the Cap de Creus continental shelf (northwestern Mediterranean Sea).
Letzy **Serrano**, Rafael Sardá
- 119 A new species of *Sphaerodoropsis* and the first record of Sphaerodoridae (Annelida: Phyllodocida) in sediments around a whale carcass
Mauricio Shimabukuro, Alexandra E. **Rizzo**, Joan M. Alfaro-Lucas, Yoshihiro Fujiwara, Paulo Y. G. Shumida
- 120 *Laonice* species (Polychaeta, Spionidae) from the Whittard Canyon (NE Atlantic) with descriptions of two new species
Andrey **Sikorski** Akvaplan-niva AS, Framsener, Hjalmar Johansens
- 121 A new *Capitella* polychaete worm (Annelida: Capitellidae) living inside whale bones in the abyssal South Atlantic
Camila **Silva**, Maurício Shimabukuro, Joan Alfaro-Lucas, Yoshihiro Fujiwara, Paulo Sumida, A. Cecília Amaral
- 122 A new species of *Heteromastus* Eisig, 1887 (Annelida: Capitellidae) from the Southeast Brazil
Camila **Silva**, Antonia Amaral
- 123 A new *Polydora* species in South Africa; is it *Polydora nuchalis* Woodwick, 1953, *Polydora triglanda* Radashevsky & Hsieh, 2000, or a new species?
Carol **Simon**
- 124 The status of marine polychaete research in India
Sanitha Sivadas, Russell Carvalho, Baban Ingole, Leslie **Harris**
-

-
- 125 Redescription of *Cossura chilensis* Hartmann-Schröder, 1965 (Annelida; Polychaeta), using scanning electronic microscope.
Eulogio **Soto**, Diego Lemus
- 126 Phylogeny of the family Maldanidae based on molecular data
Morten **Stokkan**, Jon Anders Kongsrud, Endre Willassen
- 127 *Amphicteis* and *Paramphicteis* (Polychaeta: Ampharetidae) from China, with the description of a new species of *Amphicteis*
Jixing **Sui**
- 128 A global invader or a complex of regionally distributed species? Clarifying the status of an invasive calcareous tubeworm *Hydroides dianthus* (Verill, 1873) using barcoding
Yanan **Sun**, Eunice Wong, Erica Keppel, Jane Williamson, Elena Kupriyanova
- 129 The identity of an enigmatic deep-sea echiuran, *Thalassema antarcticum* (Annelida: Echiura: Thalassematidae): its transfer to the family Bonelliidae and the proposal of a new genus
Masaatsu **Tanaka**
- 130 Revisiting the homology of annelid hooks
Ekin **Tilic**, Thomas Bartolomaeus
- 131 Chaetal arrangement of the fireworm *Eurythoe complanata* (Amphinomida) (Pallas, 1766)
Ekin **Tilic**, Benedikt Pauli, Thomas Bartolomaeus
- 132 A report of two capitellid species (Capitellidae: Annelida) from southern Japan
Shinri **Tomioaka**, Ryuta Yoshida, Hiroshi Kajihara
- 133 Reappraisal of *Platynereis massiliensis* (Moquin-Tandon) (Nereididae) in the Mediterranean Sea, a neglected sibling species of *Platynereis dumerilii* (Audouin & Milne Edwards)
Giulia Valvassori, Maria Cristina **Gambi**
- 134 Characterizing the evolution of bioluminescence in *Odontosyllis* (Annelida, Syllidae) through phylogenetic analysis
Aida **Verdes**
- 135 Polychaete community structure along northwest coast of India: A baseline study at family-level.
Tejal **Vijapure**, Jyoti Mulik, Soniya Sukumaran
- 136 Three new *Ophryotrocha* species (Polychaeta: Dorvilleidae) from hydrothermal vent and whale-fall habitats in the Southern Ocean
Helena **Wiklund**, Diva Amon, Adrian G. Glover
- 137 Effect of temperature and body weight on respiration and excretion in *Nereis vexillosa* (Polychaeta: Nereididae)
Dazuo **Yang**, Yibing Zhou
- 138 Two new species of *Cossura* (Cossuridae, Annelida) from the terminal lobes of the Congo river deep-sea fan
Anna **Zhadan**

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Photo: James turner



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