

## Programme

### **Monday 13 September**

14:00-18:30 Registration, mounting posters, loading of files for sessions (Faculty of Biology)

**20:00 Reception dinner at the University, Faculty of Biology (“Spanish tapas”)**

### **Tuesday 14 September**

8:00 Registration, mounting posters, loading of files for sessions (Faculty of Biology)

9:30 Welcome

**10:00-11:00 Coffee/Tea**

**Session 1: Amphipod databases and taxonomy (11:00-12:00)**

(Chairperson: Ed Hendricks)

11:00-11:15 Vader W.

FORTY YEARS OF AMPHIPOD NEWSLETTER

11:15-11:30 Lowry J.K.

WORLD CHECKLIST/CATALOGUE OF THE AMPHIPODA

11:30-11:45 Hughes L.E. & Lowry J.K.

THE CIRCUM-AUSTRALIAN AMPHIPOD PROJECT (CAAP)

11:45-12:00 Platvoet D.

NEW RESULTS OF THE AMPHIPOD PILOT SPECIES PROJECT (AMPIS)

**Session 2: Invasive gammarids (12:00-13:00)**

(Chairperson: K. Jazdzewski)

12:00-12:15 Bacela-Spychalska K., Wattier R., Rigaud T., Ovcharenko M., Konopacka A., Grabowski M. & Rewicz T.

INVASIVE GAMMARIDS AS VECTORS OF MICROPARASITES: A CASE STUDY OF *DIKEROGAMMARUS VILLOSUS* AND *CUCUMISPORA DIKEROGAMMARI*

12:15-12:30 Czarenecka M., Kobak J. & Wiśniewski, R

PREFERENCES OF JUVENILES AND ADULTS OF THE INVASIVE PONTO-CASPIAN AMPHIPOD *PONTOGAMMARUS ROBUSTOIDES* FOR VARIOUS SPECIES OF MACROPHYTES AND ARTIFICIAL ABOVE-BOTTOM SUBSTRATE

12:30-12:45 Kobak J., Poznańska M. & Kakareko T.

PREFERENCES OF PONTO-CASPIAN AND NATIVE GAMMARIDS FOR HABITATS FORMED BY A PONTO-CASPIAN ZEBRA MUSSEL (*DREISSENA POLYMORPHA*)

12:45-13:00 Piscart C., Legier F., Maazouzi C. & Hervant F.

COMPARISON OF PHYSIOLOGICAL RESPONSES OF THE FRESHWATER INVADER *DIKEROGAMMARUS VILLOSUS* AND THE NATIVE *GAMMARUS PULEX* TO CHANGES OF WATER TEMPERATURE

**13:00-14:45 Lunch (at the University Canteen)**

### **Session 3: Biogeography/Phylogeny (14:45-16:15)**

(Chairperson: C.O. Coleman)

- 14:45-15:00 Jazdzewski K., Grabowski M., Bacela-Spychalska K., Konopacka A. & Mamos T.  
BIOGEOGRAPHY OF GAMMAROID CRUSTACEANS IN CENTRAL EUROPEAN INLAND WATERS
- 15:00-15:15 Grabowski M., Bacela-Spychalska K. & Wattier R.  
PHYLOGEOGRAPHY OF *GAMMARUS ROESLII* GERVAIS, 1835 (CRUSTACEA, AMPHIPODA) IN EUROPE
- 15:15-15:30 Mirzajani A.R.  
AMPHIPODA DISPERSAL IN ESTUARY HABITATS OF CASPIAN SEA IN NORTHWEST OF IRAN
- 15:30-15:45 Serejo C.S., Senna A.R. & Souza-Filho J.F.  
WHAT WE KNOW ABOUT THE MARINE BRAZILIAN AMPHIPOD FAUNA? –A BIOGEOGRAPHIC APPROACH
- 15:45-16:00 Tandberg A.H.S. & Vader W.  
THE BEGINNINGS OF A PHYLOGENETIC ANALYSIS OF THE STENOCHOID GENUS *METOPA*
- 16:00-16:15 Daneliya M., Kamaltynov R. & Väinölä R.  
PHYLOGEOGRAPHY AND SYSTEMATICS OF ENDEMIC BAIKALIAN SPONGE COMMENSAL *DOROGOSTAISKIA PARASITICA* (GAMMARIDEA: ACANTHOGAMMARIDAE)

**16:15-17:00 Coffee/Tea**

**19:00 Guided walk around Barrio de Santa Cruz, visit to the Alcazares and welcome dinner reception at the Hotel “Los Seises” C/Segovia 6. We will meet at 19:00 (check carefully meeting point in [map 1](#) and [map 2](#)). Please, be on time (19:00) at the meeting point.**

### **Wednesday 15 September**

**Session 4: *Gammarus*: Missing link between biological and ecotoxicological water quality assessment** (see also posters number 8 and 34) (9:00-10:00)

(Chairpersons: A. Gerhardt & F.O. Costa)

- 9:00-9:15 Gerhardt A.  
GAMTOX: A NEW INTEGRATED MULTI-PARAMETER AND MULTI-LEVEL ECOTOXICOLOGICAL TEST FOR WATER QUALITY MONITORING
- 9:15-9:30 Geffard O., Coulaud R., Adam O., Quéau H. & Chaumot A.  
*IN SITU* BIO-MONITORING OF WATER QUALITY: MULTI-SCALE EFFECT ASSESSMENT IN *GAMMARUS FOSSARUM*
- 9:30-9:45 Bloor M.C.  
ANIMAL STANDARDISATION FOR MIXED SPECIES ECOTOXICOLOGICAL STUDIES: ESTABLISHING A LABORATORY BREEDING PROGRAMME FOR *GAMMARUS PULEX* AND *ASELLUS AQUATICUS*
- 9:45-10:00 Eriksson Wiklund A.K., Ericsson H., Kumblad L., Lindh K. & Adolfsson Erici M.  
WATER SOLUBLE SUBSTANCES AFFECTING THE PHYSIOLOGY AND BEHAVIOUR OF BALTIC SEA GAMMARIDEANS

**10:00-11:00 Coffee/Tea**

**Session 5: Diversity/Ecology (11:00-13:00 & 14:45-16:15)**

(Chairpersons: W. Vader & T. Krapp-Schickel)

- 11:00-11:15 Lörz A.N.  
NEW ZEALAND AMPHIPODA
- 11:15-11:30 Kudrenko S.  
AMPHIPODS OF THE NORTHWESTERN BLACK SEA
- 11:30-11:45 Frutos I. & Sorbe J.C.  
BATHYAL AMPHIPODS FROM THE LE DANOIS BANK (S BAY OF BISCAY): ASSEMBLAGES, DIVERSITY AND BATHYMETRIC DISTRIBUTION
- 11:45-12:00 Sezgin M., Katagân T. & Kocataş A.  
SUBLITTORAL BENTHIC AMPHIPODS OF TURKISH AEGEAN SEA COAST
- 12:00-12:15 Jazdzewska A.  
AMPHIPOD ASSEMBLAGES OF THE ANTARCTIC SHELF IN ADMIRALTY BAY, KING GEORGE ISLAND, SOUTH SHETLAND ISLANDS
- 12:15-12:30 Plaitis W.  
PRELIMINARY RESULTS OF THE AMPHIPOD TAXOCOENOSIS ON HARD SUBSTRATS OF NORTH CRETAN SEASHORE
- 12:30-12:45 Targusi M., Lattanzi L. & Nicoletti L.  
SPATIAL DISTRIBUTION AND ECOLOGY OF SOFT BOTTOM AMPHIPODA ASSEMBLAGES IN THE CENTRAL AND SOUTHERN TYRRHENIAN SEA
- 12:45-13:00 Fernández-González V., Marcos C. & Pérez-Ruzafa A.  
SEASONAL FLUCTUATIONS OF BENTHIC GAMMARIDEAN ASSEMBLAGES IN MAR MENOR LAGOON
- 13:00-14:45 Lunch (at the University Canteen)**
- 14:45-15:00 Zakhama-Sraieb R., Ramzi Sghaier Y. & Charfi-Cheikhrouha F.  
COMMUNITY STRUCTURE OF AMPHIPODS ON SHALLOW *POSIDONIA OCEANICA* MEADOWS OFF TUNISIAN COASTS
- 15:00-15:15 Sturaro N., Lepoint G., Panzalis P., Navone A. & Gobert S.  
THE ROLE OF FISH PREDATION IN THE STRUCTURE OF AMPHIPOD COMMUNITY ASSOCIATED WITH *POSIDONIA OCEANICA* SEAGRASS MEADOWS
- 15:15-15:30 Tolomeev A., Emelianova A., Zadereev E. & Drobotov A.  
ECOLOGY OF AMPHIPODS *GAMMARUS LACUSTRIS* IN A STRATIFIED MEROMICTIC LAKE
- 15:30-15:45 Demchenko N.  
ECOLOGICAL ASPECTS OF THE DOMINANT AMPHIPOD *MONOPOREIA AFFINIS* IN THE INFRA-LITTORAL ZONE OF THE NORTHEASTERN COAST OF THE SAKHALIN ISLAND (THE SEA OF OKHOTSK)
- 15:45-16:00 Kurun A., Balkıs H. & Sezgin M.  
BENTHIC AMPHIPODA (CRUSTACEA) FAUNA OF BANDIRMA AND ERDEK GULFS AND ENVIRONMENTAL FACTORS AFFECTING THEIR DISTRIBUTION

16:00-16:15 De-la-Ossa-Carretero J.A., del-Pilar-Ruso Y., Giménez-Casalduero F.,  
Sánchez-Lisazo J.L. & Dauvin J.C.  
SENSITIVITY OF AMPHIPOD ASSEMBLAGES TO SEAWAGE  
POLLUTION

**16:15-17:30 Coffee/Tea. Poster Session (Authors are requested to be around their  
posters during this coffee break)**

17:30 Workshop: C.O. Coleman  
SPEEDING UP TAXONOMY WITH THE DIGITAL DRAWING  
METHOD

### **Thursday 16 September**

**8:00-19:00 EXCURSION TO THE “DOÑANA NATIONAL PARK” (Meeting  
point at the Faculty of Biology)**

### **Friday 17 September**

**Session 6: Molecular studies (9:00-10:00)**

(Chairperson: A. Baldinger)

9:00-9:15 Costa F.O.

THE USE AND POTENTIAL OF DNA BARCODING FOR  
AMPHIPOD TAXONOMY

9:15-9:30 Radulovici A.E., Sainte-Marie B. & Dufresne F.

DNA BARCODING FOR MARINE AMPHIPODS: IDENTIFICATION  
TOOL AND BEYOND

9:30-9:45 Nahavandi N., Ketmaier V., Plath M. & Tiedemann R.

PHYLOGEOGRAPHY AND RATES OF MOLECULAR AND  
MORPHOLOGICAL CHANGES IN THE PONTO-CASPIAN  
AMPHIPOD *PONTOGAMMARUS MAEOTICUS* (SOWINSKY 1984)

9:45-10:00 Pavesi L., Ketmaier V., Tiedemann R. & De Matthaëis E.

LIFE CYCLE AND GENETIC STRUCTURE OF *MACARORSCHESTIA  
REMYI* (TALITRIDAE)

**10:00-11:00 Coffee/Tea**

11:00-11:15 **Forty years of Amphipod meetings** (slides show)

**Session 7: Functional morphology, reproduction and feeding (11:00-13:00)**

(Chairperson: W. Plaitis)

11:15-11:30 Mayer G., Haug J.T., Maas A. & Waloszek D.

FUNCTIONAL MORPHOLOGY OF THE GAMMARIDEAN  
MANDIBLE, WITH SPECIAL REFERENCE TO THE LACINIA  
MOBILIS

11:30-11:45 Zamanpoore M., Poeckl M. & Schiemer F.

MORPHOLOGICAL ADAPTATIONS OF FRESHWATER  
GAMMARUS IN STRESSFUL WARM ENVIRONMENTS OF  
SOUTHERN ZAGROS, IRAN

11:45-12:00 Green Etxabe A., Streeter S. & Cragg S.

FEEDING HABITS AND DIGESTIVE ENZYME ACTIVITY IN THE  
WOOD-BORING AMPHIPOD *CHELURA TEREBRANS*

12:00-12:15 Nyssen F., Michel L., Dauby P. & Brey T.

DIFFERENTIAL ISOTOPIC TURNOVER (C AND N) DETECTED IN  
ANTARCTIC SCAVENGER AMPHIPODS

12:15-12:30 Legeżyńska J., Kędra M., Walkusz W. & Moskal, W.  
TROPIC STATUS OF ARCTIC AMPHIPODS – A MULTI-METHOD APPROACH

12:30-12:45 Berezina N  
REPRODUCTIVE VARIABLES OF AMPHIPODS (GAMMARIDEA) AS AN ADAPTATION TO DIFFERENT ENVIRONMENTS

12:45-13:00 Michel L., Gobert S., Dauby P. & Lepoint G  
IMPACT OF GRAZING BY AMPHIPODS ON THE DYNAMICS OF THE EPIPHYTIC COVER OF THE POSIDONIA OCEANICA LEAVES: AN *IN VITRO* EXPERIMENT

**13:00-14:45 Lunch (at the University Canteen)**

**Session 8: Talitridae (14:45-13:00)**

(Chairperson: F. Scapini)

14:45-15:00 Scapini F.  
THE POSSIBLE USE OF SANDHOPPERS AS BIOINDICATORS OF ENVIRONMENTAL STRESS ON SANDY BEACHES

15:00-15:15 Mezzetti M.C., Gambineri S. & Scapini F.  
VISUAL ECOLOGY OF TALITRID AMPHIPODS FROM MEDITERRANEAN AND ATLANTIC COASTS

15:15-15:30 Fanini L., Marchetti G.M., Gabbrielli S., Baczewska A., Szybor K. & Scapini F.  
*TALITRUS SALTATOR* BEHAVIOURAL ADAPTATION TO DIFFERENT SALINITIES: A COMPARISON BETWEEN MEDITERRANEAN AND BALTIC SHORES

15:30-15:45 Ayari A. & Nasri-Ammar K.  
IMPACT OF THE SEASONAL VARIATION ON THE LOCOMOTOR RHYTHM OF THE AMPHIPOD *TALITRUS SALTATOR* FROM BIZERTE BEACH (NORTH OF TUNISIE)

15:45-16:00 Nasri-Ammar K., Djelassi R. & Ayari A.  
VARIATION OF THE LOCOMOTOR BEHAVIOUR OF AMPHIPODS ACCORDING TO THE ENVIRONMENTAL FACTORS

16:00-16:15 Djelassi R. & Nasri-Ammar K.  
SEASONAL VARIATION OF LOCOMOTOR ACTIVITY RHYTHM OF *ORCHESTIA MONTAGUI* IN BIZERTE LAGOON (NORTH OF TUNISIA)

**16:15-17:30 Coffee/Tea. Poster Session (Authors are requested to be around their posters during this coffee break)**

17:30-17:45 Closing of the Colloquium

17:45 Meeting of the members involved in the ANTARCTIC AMPHIPODOLOGIST NETWORK (Coordinator: C. De Boyer)

**20:15 CONGRESS DINNER (Meeting point at the Faculty of Biology)**

**Saturday 18 September**

**11:00 Unofficial visit to *Parque de María Luisa* and *Plaza de España***