

	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY		
	ROOM Asie	ROOM Amérique	ROOM Asie	ROOM Amérique	ROOM Asie	ROOM Amérique	ROOM Asie	ROOM Amérique	ROOM Asie	ROOM Amérique	
09:10-10:00	Registration		PLENARY LECTURE K.W. CONWAY Taxonomy of the Clingfishes (Gobiessoidae): a 200 year journey through the marine intertidal zone and beyond		PLENARY LECTURE B. REICHENBACHER Stormy waters: Fossil fish, climate change and ecological opportunities		PLENARY LECTURE R. RAGHAVAN Conservation of freshwater fishes of the Western Ghats Biodiversity Hotspot, India		PLENARY LECTURE M. KOTTELAT AGCT vs the alphabet: do not forget the fish behind the sequences ...		
10:00-10:20	Registration / coffee break										
10:20-10:40											
10:40-11:00			coffee break								
	Opening Ceremony		EVOLUTIONARY GENOMICS OF FISHES I , Chair: L. HILGERS Keynote Z. MUSILOVA Deep-sea fish can see colours using multiple rod opsins - and how about their larvae? (EvoI01)	ECOLOGY AND LIFE CYCLES I , Chair: Z. MARČIĆ T. DONALDSON : Male Territory Swamping in a Lek-like Mating System Alters Courtship Success in a Fish Spawning Aggregation (EcoI01)	GRAYLING (GENUS THYMALLUS): EVOLUTION, SYSTEMATICS, MANAGEMENT AND CONSERVATION I , Chair: S. WEISS Keynote S. WEISS Current state of research on the systematics and zoogeography of grayling (<i>Thymallus</i>) throughout the world, with notes on the recent advances and applications of genomics (ThymI01)	ECOLOGY AND LIFE CYCLES II , Chair: J. DULČIĆ B. SCHROEDER : Biological patterns of the Brazilian sardine in the purse seine fishery off Brazil (EcoI06)	MORPHOLOGY, ONTOGENY AND PALEONTOLOGY I , Chair: O. SEEHAUSEN B. WASIELEW : The benefits of the third dimension – What can we learn from the z-axis in 3D geometric morphometrics based on sailfin silverides (<i>Telmatherinidae</i>)? (MorI01)	OTHOIDS AS A TOOL TO STUDY FISH LIFE CYCLES I , Chair: A.T. CORREIA Keynote A.T. CORREIA Fish otoliths: uses of their structural, shape and chemical properties (OthI01)	TAXONOMY, PHYLOGENY AND PHYLOGEOGRAPHY VI , Chair: E. VASILEVA B. LEVIN : Adaptive radiation of laboebairbs (<i>Laboebairbs</i> ; Cyprinidae) in the Genale River, East Africa: is this pure sympatric speciation? (TaxI019)	THREATS AND CONSERVATION IV , Chair: R. COVAIN L. KALOUS : Recreational Fisheries as a Pathway for Non-native Fishes: Czech Experiences (ThrI012)	
11:00-11:20			M. ISHIMARA : Examination of unidentified species of the spined loaches found in a contact zone of two tetraploid species in Japan (EvoI02)	S.B. ROTHMAN : Babyfisher hosts: an ancient transomission mechanism of invasive fish parasites (EcoI03)		G. SECCI : Mitogenomic phylogeny of <i>Thymallus</i> (graylings) - species delineation (ThymI02)	B. WISZCZAK : Changes in the predatory fish diet as a monitoring tool of faunal changes in the southern Baltic Sea environment (EcoI08)	C. KEVREKIDIS : Evidence for the existence and diversification of a new group of ichthids in the Miocene lakes the Tugen Hills, Kenya (MorI03)	C. MOREIRA : Unravelling the population structure of <i>Trachurus picturatus</i> across the NE Atlantic using otolith fingerprinting analyses (OthI02)	G. DENYS : Minnow, Minnow, new and old, who is the fastest of them all: the taxonomical review of the french minnows <i>Phoxinus</i> spp. (Actinopterygii, Leuciscidae) (TaxI021)	T. KULIANISHVILI : Non-native fishes of South Caucasus (Armenia, Azerbaijan, Georgia) (ThrI013)
11:20-11:40	PLENARY LECTURE O. SEEHAUSEN Diversity, distribution and community composition of fish in the archipelago of large and deep lakes north and south of the European Alps		A. MARCONETTI : Genomics of clownfish adaptation to sea anemones: investigating the genetic bases of the acquisition of the mutualism and the diversification along host usage and habitat gradients (EvoI03)	C. MOREIRA : Population structure, habitat connectivity and movement patterns of the blue jack mackerel, <i>Trachurus picturatus</i> , in the NE Atlantic: combining natural tags for a rational management of fisheries resources (EcoI04)		G.K. ENGLMAIER : Insights into genotype-phenotype relations of distinct morphotypes of the Mongolian grayling (<i>Thymallus brevirostris</i>) using next generation sequencing (ThymI03)	T. KITAGAWA : Distribution patterns of two sympatric Japanese dojo loach species within a wetland as revealed by direct collection and environmental DNA surveys (EcoI09)	B. REICHENBACHER : Phylogenetic placement of fossil gobies: An integrative approach (MorI04)	B. SCHROEDER : Evaluation of the body morphology and meristics, otolith shape analyses and otolith micro-chemical variability of labranche mullet <i>Mugil iliza</i> in the Southeast Atlantic Ocean as a tool for the identification of population subunits (OthI03)	N.VINUELA RODRIGUEZ : Phylogeny of the genus <i>Pelagus</i> and genetic diversity of selected species (TaxI022)	
11:40-12:00			S. SCHMID : Is ancestral hybridization fuelling adaptive radiation in downfishes? (EvoI04)	M. PIRIA : Feeding preferences and diet overlap of introduced Atlantic and native Danube lineages of brown trout (<i>Salmo trutta</i>) from Croatia (EcoI05)		H. PERSAT : Does Loire grayling represent a distinct species? (ThymI04)		E.A. CHAMPILA : Recently diverged killifishes: morphometry and caudal skeleton osteology of two members of the <i>Aphanius</i> dispor species group (Aphaniidae, Teleostei) (MorI05)	D. VRODLJAK : Otolith analysis to investigate variation in early life of the githhead sea bream, <i>Sparus aurata</i> in the eastern Adriatic Sea (OthI04)	J. VUKIĆ : Phylogenetic relationships and diversity of the European <i>Barbus</i> species (Cyprinidae, Cypriniformes) (TaxI023)	
12:00-12:20											
12:20-14:00	lunch										
14:00-14:20	TAXONOMY, PHYLOGENY AND PHYLOGEOGRAPHY I , Chair: S. MATIĆ-SKOČO N. STERN : Employing molecular taxonomy for understanding ichthyoplankton diversity in the upper water layers of the Eastern Mediterranean Sea (TaxI01)	THREATS AND CONSERVATION I , Chair: R. RAGHAVAN D. ZABRICH : Fish community changes due to the construction of cascade of five hydropower plants on in The Sava River river (Slovenia) (ThrI01)	EVOLUTIONARY GENOMICS OF FISHES II , Chair: L. BUBER K. CHALUPECKA : Genetic variability and phylogeography of three species of marine gobies (EvoI05)	THREATS AND CONSERVATION II , Chair: M. STOUIMBOUDI A. CAROIS : Effectiveness of alien brown trout <i>Salmo trutta</i> L. removal activities for the native trout conservation in Mediterranean streams (ThrI04)	GRAYLING (GENUS THYMALLUS): EVOLUTION, SYSTEMATICS, MANAGEMENT AND CONSERVATION II , Chair: S. WEISS H. PERSAT : Grayling survival expectancy and climate change illustrated by the status of the population of the Lower Ain river (ThymI05)	EVOLUTION AND ECOLOGY OF FISH WITH ASEXUAL REPRODUCTION, HYBRID COMPLEXES, AND POLYPLOIDY, WITH SPECIAL FOCUS ON LOACHES (COBITIDAE) I , Chair: K. JANKO Keynote K. JANKO : Why animals (and fish in particular) abandon sex? On the interconnection between asexuality, hybridization, polyploidy and speciation (CobI01)	TAXONOMY, PHYLOGENY AND PHYLOGEOGRAPHY IV , Chair: B. REICHENBACHER O.M. SELZ : A taxonomic revision of the whitefish of lakes Brienz and Thun, Switzerland, with description of three new species (TaxI02)	OTHOIDS AS A TOOL TO STUDY FISH LIFE CYCLES II , Chair: A.T. CORREIA A. ARTEKTE-ARRATE : Natal signatures in otoliths of young-of-the-year yellowfin (<i>Thunnus albacares</i>) and skipjack (<i>Katsuwonus pelamis</i>) tuna from the Indian Ocean (OthI05)	MORPHOLOGY, ONTOGENY AND PALEONTOLOGY II , Chair: J. BOHLLEN T. SPANKE : Morphological innovation in Sulawesi rife-fishes: The prerequisites of pelvic brooding (MorI06)	GENETICS, GENOMICS AND PHYSIOLOGY II , Chair: J. BUI D. OMELCHENKO : Molecular basis of adaptation to hypoxia in Barombi Mbo crater lake cichlids (GenI04)	
14:20-14:40	D. GOLANI : The zoogeographic distribution patterns of Red Sea fish species: is there a correlation between wide distribution and success in colonization of the Mediterranean? (TaxI02)	A. ISIRIDOU : Comparison of Greek <i>Sardinia pilchardus</i> haplotypes with those found in the global distribution of the species, for characterization of the Greek populations as Protective Geographic Indication (PGI) products (ThrI02)	A. BÖHNE : Comparative genomics reveals an outstanding sex chromosome diversity in cichlid fishes driven by genomic novelties and convergent evolution (EvoI06)	J. WOLNICKI : Occurrence and active protection of the endangered cyprinid fish species, lake minnow <i>Apollonia percnurus</i> (Pall.), in Poland (ThrI05)	E. PONOMAREVA : European grayling (<i>Thymallus thymallus</i>) mtDNA control region haplotypes diversity and postglacial colonization of Russian European North (ThymI06)	Z. MAITANOVA : Sexual and unisexual Australian carp gudgeons (Hypseleotris, Gobioidae, Eleotridae): insight from cytogenetics (CobI02)	E. BOROVKOVA : Vendace (<i>Coregonus albus</i>) and least cisco (<i>Coregonus nasus</i>) are conspecific according to data of mitochondrial and nuclear DNA polymorphism (TaxI03)	A.M. VAZ-DOS-SANTOS : <i>Mugil iliza</i> : an unexpected fast growth species revealed by otolith microincrements (OthI06)	B. REICHENBACHER : Different levels of amphibious adaptation in three muskfisher species from the Persian Gulf: Insights from skeleton and otolith characteristics (MorI07)	E. VASILEVA : Cloning in sturgeon hybrids (Acipenseridae): experimental reproduction of the first stages of reticular speciation in fish and the method of obtaining all-female offspring (GenI05)	
14:40-15:00	M. WAGNER : Hidden diversity in pebble beaches – a thus far unrecognized radiation of the cryptobenthic fish genus <i>Gouania</i> (Gobiessoidae) (TaxI03)	L. TOOMEY : Integration of spatial distribution of genetic variability for aquaculture regulations and development, the European perch case (ThrI03)	A.F. FELLER : Genetic basis of a key trait for sympatric speciation in cichlids (EvoI07)	A. KASSAR : Population dynamics and yield of the black goby <i>Gobius niger</i> L. in Algeria (Gulf of Annaba) (ThrI06)	J. HUML : Implications of management on immunogenetic variation in the European grayling (<i>Thymallus thymallus</i>) (ThymI07)	Z. MAITANOVA : Sexual and unisexual Australian carp gudgeons (Hypseleotris, Gobioidae, Eleotridae): insight from cytogenetics (CobI02)	I. BUI : Trouts in karstic watersheds – diversity, origin and perspective (TaxI04)	J.B. NEVES : Otolith shape analysis of the European sardine <i>Sardinia pilchardus</i> from Atlantic and Mediterranean waters: connectivity and population density (OthI07)	K. CONWAY : Do Freshwater Hatchfishes (Characiformes; Gasteropelecidae) bear with the top of their heads? (MorI08)	N. LUPŠE : Evolution of the visual sensory system in the deep-sea fishes from the Sargasso Sea (GenI06)	
15:00-15:20	H.H. TAN : Elusive riverine fishes of Sundaland (TaxI04)		J.M. FLURY : Studying the evolution and genetic basis of a complex trait related to female parental care by QTL mapping – “pelvic brooding” in Sulawesi rife-fishes (EvoI08)	A.A. SERGEYEV : Genetic monitoring of natural sturgeon spawning in the lower Volga for the period 2017-2018 (ThrI07)	T. BACIĆ : Roles of environmental factors in the recruitment of the European grayling <i>Thymallus thymallus</i> , near its southern range limit in England (ThymI08)	J. KOTURZ : Pathogen-mediated selection in natural populations of an asexual complex of loaches (Cobitis, Cypriniformes) (CobI03)	M. KOTTELAT : Cryptic and cryptic: a tale of definitions and lack of resources? (TaxI05)	A.T. CORREIA : Use of otolith elemental signatures as natural tags to evaluate the larval dispersion, coastal recruitment and habitat connectivity of <i>Lepophyes pholis</i> (OthI08)	Closing ceremony		
15:20-15:40	coffee break										
15:40-16:00	TAXONOMY, PHYLOGENY AND PHYLOGEOGRAPHY II , Chair: K. CONWAY E. VASILEVA : Taxonomic diversity of spined loaches (Cobitidae: Cobitis) in the Caucasus (TaxI05)	GENETICS, GENOMICS AND PHYSIOLOGY I , Chair: N. STERN T.B. DEMIDOVA : Karyotypic Evolution in African Fishes of the Genus <i>Nothobranchius</i> (Cyprinodontiformes) (GenI01)	EVOLUTIONARY GENOMICS OF FISHES III , Chair: J. VUKIĆ N.VINUELA RODRIGUEZ : NGS corroborates cryptic diversity within the <i>Epiplatys rufus</i> dace (<i>Teleostei pleurobipunctatus</i>) (EvoI09)	THREATS AND CONSERVATION III , Chair: M. STOUIMBOUDI M. STOUIMBOUDI : The impact of large dams on the autochthonous, threatened freshwater ichthyofauna of Greece: Current knowledge and gaps to be fulfilled (ThrI08)	TAXONOMY, PHYLOGENY AND PHYLOGEOGRAPHY III , Chair: T. DONALDSON S. GALVAN-QUEZADA : Evolutionary history of the genus <i>Gobionomus</i> Lacépède 1800 (Teleostei: Eleotridae) (TaxI09)	Poster Session III Ecology and life cycles	TAXONOMY, PHYLOGENY AND PHYLOGEOGRAPHY V , Chair: L. KALOUS E. PONOMAREVA : Phylogeography of Asian sockeye salmon (<i>Oncorhynchus nerka</i>) based on the analysis of mtDNA D-loop polymorphism (TaxI06)	EVOLUTION AND ECOLOGY OF FISH WITH ASEXUAL REPRODUCTION, HYBRID COMPLEXES, AND POLYPLOIDY, WITH SPECIAL FOCUS ON LOACHES (COBITIDAE) II , Chair: J. KOTURZ D. DEDUKH : Interspecies hybridization is not the end: the lesson from asexual fishes from European spined loaches complex (Cobitis) (EcoI04)			
16:00-16:20	J. BOHLLEN : Evolutionary units and biogeographical history of <i>Paracanthocobitis constrictus</i> (Teleostei: Nemachilidae) (TaxI06)	R.R. DOMINGUES : De novo transcriptome assembly, annotation and SNP discovery of the shortfin mako (<i>Isurus paucus</i>) (GenI02)	D.F. FREE : Whole genome sequencing of an extinct whitefish species reveals extensive introgression after speciation reversal (EvoI010)	N. KUSMERÉK : Microplastics in gudgeon (<i>Gobio gobio</i>) and roach (<i>Rutilus rutilus</i>) from a Central European small river (ThrI09)	S. HORVATÍČ : Evolution of acoustic communication in European gobies (<i>Gobius</i> lineage) based on molecular markers (TaxI010)		L.IVČIĆ : Impact of glacial refugia on present-day diversity of the Black Sea trout (<i>Salmo labrax</i> Pallas, 1814) in Croatia (TaxI017)	A. MARTA : Frequencies and cytogenetic mechanisms of genotypic reproduction and sterility in artificially produced <i>Cobitis</i> F1 hybrids from parental species with different degree of phylogenetic relatedness (CobI05)			
16:20-16:40	A. GRANDE : New insights into the morphological and molecular variability of the genus <i>Borbotula</i> from across Mongolia (TaxI07)	L. HILGERS : The molecular basis of pelvic brooding: a novel reproductive strategy (GenI03)	L. BUBER : Two opposite ways to become tiny: Comparative genomics and phylogenomics of miniature fishes (EvoI011)	D. KACZMARCZYK : Genesense 2.0 software as a tool for maintaining genetic variation in human dependent populations (ThrI010)	S. GALVAN-QUEZADA : Phylogeography and demographic history of Eleotridae fishes from Tropical Eastern Pacific (TaxI011)		Z. MARČIĆ : Multilocus phylogenetic analysis helps untangling the taxonomic puzzle of chubs (genus <i>Squalius</i> ; Cypriniformes, Actinopteri) in the Adriatic basin in Croatia and Bosnia and Herzegovina (TaxI018)				
16:40-17:00	R. YUMNAM : Musturo (Teleostei: Nemachilidae) of Northeast India: A diversity study based on morphological characters and Scanning Electron micrographs (TaxI08)		K. JANKO : The legacy of sexual ancestors in phenotypic variability, gene expression and homeolog regulation of clonal fish hybrids and polyploids (EvoI012)	D. KACZMARCZYK : Genesense 2.0 as a tool in optimization and management of genetic variation resources deposited in banks of cryopreserved gametes (ThrI011)		FINAL DISCUSSION AND CONCLUSIONS:					
17:00-17:20	Poster session I Taxonomy, Morphology, Otoliths		Poster Session II Evolutionary genomics, Genetics, Threats & conservation, Grayling		Visit of Zoology Museum		European Ichthyological Society General Assembly				
17:20-17:40											
17:40-18:00											
18:00-18:20	Get-together cocktail										

POSTER SESSION I: Monday, 17:00

TAXONOMY, PHYLOGENY AND ZOOGEOGRAPHY:

T. SLAMOVA: Genetic data reveal unexpected relationships among European freshwater species of the *Gobius*-lineage (TaxP1)

R. ŠANDA: Diversity of *Phoxinus* in Greece: Insights from the genetic data (TaxP2)

T. DVORAK: Cryptic diversity within the *Schistura robertsi* species complex (Nemacheilidae) (TaxP3)

J. PFAENDER: *Phoxinus morella* a cryptic species? (TaxP4)

I. BUJ: Morphological and genetic diversity of *Sabanejewia balcanica* (Cobitidae, Actinopteri) in Bosnia and Herzegovina (TaxP5)

B. LEVIN: Hybridization of Caucasian barbels of the genus *Barbus* s. str. (TaxP6)

R. RAGHAVAN: Taxonomy and conservation of cryptic cyprinids in the Western Ghats of India (TaxP7)

R. OKADA: Phylogeographic study on a cryptic dojo loach species (*Misgurnus* sp. Type I) in Japan (TaxP8)

A.A. SERGEEV: The phylogeography of coho salmon based on mtDNA control region variation: Asian populations descend from the Beringian Refugium (TaxP9)

J. OKAMOTO: An undescribed species of the genus *Brachirus* (Soleidae) from Japan, Taiwan, and the Philippines (TaxP10)

K. FUJIWARA: Two undescribed species of the genus *Eviota* (Gobiidae) from southern Japan (TaxP11)

T. DONALDSON: Distribution patterns of hawkfishes (Pisces: Cirrhitidae): What we know and what we should know (TaxP12)

MORPHOLOGY, ONTOGENY AND PALEONTOLOGY:

Z. MARČIĆ: Early development of the endemic dace *Telestes karsticus* , Marčić & Mrakovčić, 2011 (Leuciscidae, Actinopteri) (MorP1)

S. HORVATIĆ: Acoustics, vocal behavior and putative sound producing mechanism in Amur sleeper *Perccottus glenii* (MorP2)

R. ŠANDA: Influence of habitat on the external morphology of *Sabanejewia* (Cypriniformes: Cobitidae) specimens (MorP3)

OTHOLOTS AS A TOOL TO STUDY FISH LIFE CYCLE:

S. BOUFERSAOU: Age and growth of the axillary seabream, *Pagellus acarne* (actinopterygii: perciformes: sparidae), in the central coast of Algeria, Mediterranean Sea (OthP1)

A.M. VAZ-DOS-SANOTS: Do upwellings produce specific morphologic and chemical signatures in *Sardinella brasiliensis* otoliths? (OthP2)

R. SCHROEDER: Body and otolith shape analyses of the Brazilian sardine, *Sardinella brasiliensis* , to differentiate population-units in the purse seine fishery off Brazil (OthP3)

A.T. CORREIA: Otolith chemistry as a tool to infer about the population structure of the bigtooth corvina (*Isopisthus parvipinnis*) in the Southeast Brazilian coast (OthP4)

A.T. CORREA: Bigtooth corvine, *Isopisthus parvipinnis* , population structure in Southeast Brazilian coast inferred from otolith shape analysis (OthP5)

POSTER SESSION II: Tuesday, 17:00

GENETICS, GENOMICS AND PHYSIOLOGY:

C. MOREIRA: Stock structure of *Trachurus picturatus* from the NE Atlantic and Mediterranean Sea using microsatellite DNA markers (GenP1)

B. LEVIN: Sympatric assemblage of cyprinid fishes of the genus *Garra* (Cyprinidae) from the Sore River, White Nile basin, East Africa: is it a species flock? (GenP2)

S.A. SIMANOVSKY: Multiple sex chromosome system X1X2Y in African killifish genera *Nothobranchius* and *Fundulosoma* (Cyprinodontiformes) (GenP3)

S. SUŠŇIK BAJEC: Transcriptomics of skin colour patterning in *Salmo* , with emphasis on red spot (GenP4)

A. PRZYBYL: Fecundity of diploid and triploid *Carassius gibelio* (Bloch, 1782) females (GenP5)

A. BORON: Genetic diversity of diploid and triploid *Carassius gibelio* α (Bloch, 1782) from bisexual population (GenP6)

A. PRZYBYL: The concentration of 17β-estradiol in tissue of diploid and triploid *Carassius gibelio* (Bloch, 1782) females during the reproduction season (GenP7)

A. BORON: Comparison of 5S rDNA structure and its chromosomal localization in *Carassius* (Pisces, Cyprinidae) taxa (GenP8)

THREATS AND CONSERVATION:

H. BRUNKEN: Biodiversity Warehouse - A new Web-based Fish Atlas of Germany and Austria (ThrP1)

A. OIKONOMOU: New Red List assessments proposed for the recently described freshwater fish species in Greece (ThrP2)

R. RAGHAVAN: Conservation of freshwater fishes of the Western Ghats Hotspot (ThrP3)

D. KACZMARCZYK: Genetic variability of the endangered fish lake minnow, *Eupallasella percnurus* (Pall.) in populations newly established by translocations in Poland (ThrP4)

M. PIRIA: First record of North African catfish (*Clarias gariepinus*) in Croatian inland waters (ThrP5)

R. ŠANDA: No native trout on Cyprus (ThrP6)

B. WIECASZEK: The vendace *Coregonus albula* (Salmonidae) management in lakes of the North-West Poland (ThrP7)

P. PASTORINO: Fish stocking and health risk: a neglected threat for aquatic biodiversity? (ThrP8)

L. SUTUYEVA: Fish biodiversity dynamics in the Western part of Lake Balkash (Central Asia) (ThrP9)

P. PASTORINO: An assessment of biological and sanitary condition of alien fish in a high-altitude lake (ThrP10)

EVOLUTIONARY GENOMICS OF FISHES:

V. TRUHLAROVA: Opsin gene expression and vision modification during ontogeny in European cyprinid fishes (EvolP1)

S. STIEB: How reef fish see their colourful world: why UV- and red vision are important for damselfish (Pomacentridae) (EvolP2)

GRAYLING (GENUS THYMALLUS): EVOLUTION, SYSTEMATICS, MANAGEMENT AND CONSERVATION:

E. PONOMAREVA: Genetic variability of the mtDNA control region and the intron of the nuclear gene tumor necrosis factor alpha in graylings, *Thymallus* (ThymP1)

J.V. HUML: Climate change: Risk and mitigation strategies for European grayling (*Thymallus thymallus*) (ThymP2)

ECOLOGY AND LIFE CYCLES:

J. DULČIĆ: Some biological characteristics of the Atlantic lizardfish *Synodus saurus* (Actinopterygii: Synodontidae) in the Adriatic Sea (EcoP1)

M. PAVIČIĆ: Preliminary assessment of sheltered sandy beaches as fish nursery grounds along the eastern coast of the Adriatic sea (EcoP2)

C. ANASTASIADOU: Succession in megafaunal assemblages of an artificial reef during a three-year monitoring in the Eastern Mediterranean basin (EcoP3)

S. BOUFERSAOU: Population fecundity of seven fishes in Algerian coastal waters (Southwestern Mediterranean Sea) (EcoP4)

R.V. SANTOS: Stock structure of the blackbelly rosefish in the mid-North Atlantic (Azores archipelago) (EcoP5)

A.M. VAZ-DOS-SANTOS: Changing growth pattern in small pelagic species targets of purse seine fisheries in Southwestern Atlantic (EcoP6)

D. JUCHNO: Reproduction biology of common nase *Chondrostoma nasus* (Pisces, Cyprinidae) (EcoP7)

T. SHALAKHMETOVA: The effects of water and bottom sediments from Lake Balkash (Central Asia) on early development of fish and amphibians (EcoP8)

K. FORMICKI: Monitoring of water quality in the Rega River and its tributaries and their usefulness for fish species of high habitat requirements (EcoP9)

K. FORMICKI: Preliminary results of the salmonids monitoring in the river Rega (north-western Poland) (EcoP10)

K. FORMICKI: The effect of dietary immunostimulants on digestive tract physiology and morphology of river trout (*Salmo trutta* m. fario) (EcoP11)

J. STEFANIAK: Where to survive ice age? Glacial refugia and colonization pathways in post-LGM Europe by the example of spined loaches (Cobitidae) (EcoP12)

E. KOZHABAIEVA: The modern condition of rainbow trout *Parasalmo mykiss* in the Kolsai lakes (EcoP13)

C.C. SILUPRANDI: Morphofunctional estimates to determine fish diversity in a highly heterogenic tidal flat (Araçá Bay, Brazil) (EcoP14)

L. TSOUNIS: Can an herbivorous fish become predator due to particular fishery practices? The case of *Scardinus acarnanicus* (Economidis, 1991) in Lake Trichonis (Greece) (EcoP15)

M. POPIOLEK: Parasites of loaches (Cobitidae, Teleostei) in a hybrid zone: do the parental species and their hybrid progeny share the same helminths community? (EcoP16)

R. MAZZONI: Are species interactions important drivers of community dynamic stability? (EcoP17)

