

SIBIC 2024

X Iberian Congress of Ichthyology

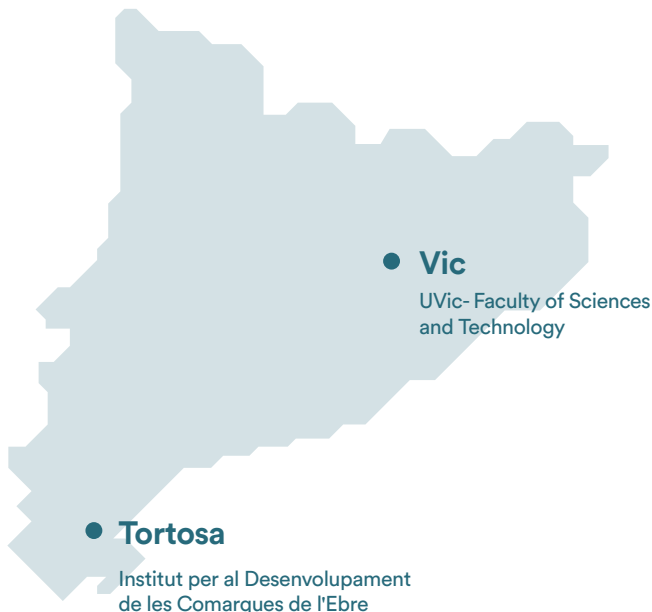


The Iberian Society of Ichthyology (SIBIC) and the University of Vic – Central University of Catalonia organize the X Iberian Congress of Ichthyology, ‘Fishes for Future’, in Catalonia on June 18-21 of 2024: on June 18, the SIBIC 2024 & Life MigratoEbre project joint session will take place in Tortosa (Institut per al Desenvolupament de les Comarques de l’Ebre), on June 19-21, in Vic (Faculty of Science, Technology and Engineering).

SIBIC congresses are celebrated every two years to address scientific and management challenges related to different aspects of Ichthyology. This edition, among other novelties, will include topics such as freshwater and marine fish, and aquaculture. It will be open to researchers from other countries.

We like to see you in Tortosa and/or Vic in June 2024!

SIBIC Organising Committee



	ACTIVITIES IN TORTOSA		ACTIVITIES IN VIC		
	Monday	Tuesday	Wednesday	Thursday	Friday
09:00 h		Opening	Registration	Plenary Session: Ignacio Dodario	Plenary Session: Clara Amorim
09:30 h		Life Migratoebre Sessions	Opening		
10:00 h			Plenary Session: Teresa Ferreira	Scientific Sessions BI and MC	Scientific Sessions EC and SY
10:30 h	Course: RFID for fishing and wildlife tracking		Coffee Break (Posters FF, MF and BW)	Coffee Break (Posters EC)	Coffee Break (Posters MC)
11:00 h		Coffee Break			
11:30 h		Life Migratoebre Sessions	Scientific Sessions FF, BI and MF	Scientific Sessions BI and TO	Scientific Sessions EC and SY
12:00 h	Course: Building a PIT TAG monitoring station				
12:30 h					
13:00 h		Lunch	Lunch	Lunch	Lunch
13:30 h					
14:00 h		Departure visit of Xerta weir IRTA's Aquaculture Center			
14:30 h	Course: PIT TAG antennas			Plenary Session: Emili Garcia-Berthou	Plenary Session: Raphaël Lagarde
15:00 h					
15:30 h			Scientific Sessions BI and MC	Scientific Sessions BW and TO	Scientific Sessions MF and MI
16:00 h	Interactive Workshop				
16:30 h					
17:00 h		Departure to Vic	Coffee Break (Posters BI)	Coffe Break	Coffee Break (Posters MI, SY, TO)
17:30 h			Courses and Project Networking	Pitch and Coffee	Closing Ceremony
18:00 h					
18:30 h				SIBIC Assembly	
19:00 h					
19:30 h					

	ACTIVITIES IN TORTOSA		ACTIVITIES IN VIC			
	Monday	Tuesday	Wednesday	Thursday	Friday	
20:00 h	Icebreaker in Tortosa	Icebreaker in Vic	Cultural Activity	SIBIC Assembly		
20:30 h					Bus to Manlleu	
21:00 h					SIBIC 2024 Dinner at Ter River Museum (Manlleu)	
21:30 h						
22:00 h						
22:30 h						
23:00 h						Bus to Vic

CODE	SESSION
FF	Fishes for future and global change
MF	Marine fisheries
BW	Fish behaviour and welfare
BI	Biological invasions and invasive species
EC	Ecology, life cycles and trophic structure
MC	Management and conservation of species and habitats
MI	Migration and connectivity
SY	Systematics, phylogeography and evolution
TO	Tools and methodologies in fish research

Posters will always be on display. But each Coffee Break will be focussed on specific session (when authors are invited to stand in front of their poster).

Activities in Tortosa – Monday 17th

10:30 h Course: RFID for fish and wildfire tracking

12:00 h Course: Building a PIT tag monitoring station

14:30 h Course: PIT tag antennas

16:00 h Interactive Workshop

20:00 h "Icebreaker" in Tortosa

Activities in Tortosa – Tuesday 18th

09:00 h Opening Welcome

09:45 h The Life MigratoEbre project: results obtained, and lessons learned – Marc Ordeix

10:15 h Fishes of the lower Ebre river and delta – Nati Franch

10:45 h Coffee Break

11:00 h How science supports management actions on diadromous fish – Éric Rochard

Sturgeon species recovery in Western Europe: focus on *A. sturio* & *A. oxyrinchus* – Marie-Laure Acola

Shads (*Alosa alosa* & *Alosa fallax*) in the Atlantic: status and tendencies – Fernando

Our Twin Project: the fish migration river in the Netherlands – Jeroen van Herk

14:00 h Departure to the visit of Xerta Weir fish ramp – Norma Pujol and Marc Ordeix

15:30 h Visit of the European sturgeons at the IRTA's aquaculture center of Sant Carles de la Ràpita – Enric Gisbert

17:00 h Departure to Vic

19:00 - 20:30h "Icebreaker" in Vic (Faculty of Sciences and Technology). Enjoy an evening with canapes, beverages, and live music with SMS group.



Activities in Vic – Wednesday 19th

09:00 h	Registration
09:30 h	Opening Welcome (Aula Magna)
10:00 h	Plenary Session (Aula Magna). Fishes in a changing world – Teresa Ferreira
11:00 h	Coffee Break – Posters FF, MF and BW

PARALLEL SCIENTIFIC SESSIONS

BIOLOGICAL INVASIONS AND INVASIVE SPECIES (TS106)

MARINE FISHERIES (TS105)

11:30 h	BI01. Communication and awareness of aquatic invasive alien species in the Iberian Peninsula by LIFE INVASAQUA: outcomes & lessons learned – Francisco J. Oliva-Paterna	MF01. Understanding blue Sharks in the Bay of Biscay – Maite Erauskin-Extramiana
11:45 h	BI02. The introduction history of trout in high mountain lakes of the French Pyrenees: What about conservation? – Marc Ventura	MF02. Exploring potential dynamic time-area closures to reduce silky shark bycatch in the European tropical tuna purse seine fishery operating in the Eastern Atlantic Ocean – Leire Lopetegui-Eguren
12:00 h	BI03. Fish community size spectrum analysis in different types of lentic ecosystems – Ilaria de Meo	MF03. Turning the Tables: can boarfish become the next sustainable fishery for the Portuguese coast? – Maria Inês Silva
12:15 h	BI04. Management of invasive alien fish in Girona ponds: strategies, methods, and results – Jesús Rios Vila	MF04. Monitoring the effectiveness of a permanent fishing closure area in the Roses Gulf (NW Mediterranean): the case of <i>Mullus</i> spp. as a fisheries management strategy – Marc Balcells
12:30 h	BI05. Trends and evolution of the invasive fish species in different bodies of water (rivers, wetlands and dams) of the Comunitat Valenciana – Marta Blanes García	MF05. Spatio-temporal variation of discard-size ratios of commercial species in NW Mediterranean trawl fisheries: implications for management – Marta Blanco Sánchez

Activities in Vic – Wednesday 19th

PARALLEL SCIENTIFIC SESSIONS

FISHES FOR FUTURE AND GLOBAL CHANGE (AULA MAGNA)

11:30 h **FF01. Revealing ecological niches of *Luciobarbus* species in the western Iberian Peninsula and prospects for future translocations** – Ana Filipa Filipe

11:45 h **FF02. The challenge of conserving the fish fauna in the current scenario of decreasing flows: the case of Daró River (Girona, Catalonia)** – Quim Pou-Rovira

12:00 h **FF03. Evaluation of habitat for three native fish species in a section of the Júcar River under climate change scenarios** – Francisco Martínez-Capel

12:15 h **FF04. New insights in Atlantic salmon conservation: genetic diversity and structure in northern Spain before the climate changed** – Graciela Nicola

12:30 h **FF05. Lipid content and fatty acid profile of round sardinella (*Sardinella aurita*): sustainable alternative in a warming NW Mediterranean** – Mar Vila Belmonte

12:45 h **FF06. Unlocking potential: leveraging no-value bycatch species into new opportunities** – Maria Inês Silva

Activities in Vic – Wednesday 19th

13:00 h

Lunch

14:30 h

Plenary Session (Aula Magna). Fish invasions in Iberian inland waters: recent advances and future challenges – Emii García-Berthou

PARALLEL SCIENTIFIC SESSIONS

BIOLOGICAL INVASIONS AND INVASIVE SPECIES (AULA MAGNA)

MANAGEMENT AND CONSERVATION OF SPECIES AND HABITATS (TS106)

15:30 h

BI06. Assessment of selective fish passage across a steep low-head ramp: a mesocosm approach – José Maria Santos

MC01. Bidasoa salmon: a ray of hope for the recovery of the species – Josu Elso

15:45 h

BI07. Redrawing the biogeography of Iberia freshwater fishes in the Anthropocene – Ana Filipa Filipe

MC02. Long-term monitoring programs for understanding the dynamics of fish populations in Ebro Delta – Nati Franch

16:00 h

BI08. Navigating the Brine: physiological responses under different salinities reveal insights into the interaction between a native and invasive freshwater fish – Michael Butler Margalef

MC03. Fish Multimetric Index (FMI): Examining the relationship between hydromorphology and ichthyological fauna – José Enrique Larios López

16:15 h

BI09. Are Portuguese inland professional fisheries fond of European catfish? – João Gago

MC04. Projecte Escanyagats: creation and evolution of new ex-situ populations of three-spined stickleback (*Gasterosteus aculeatus*) in artificial water bodies as a long-term conservation strategy for the species in Catalonia – Iago Pérez Novo

16:30 h

BI10. Detection of European catfish (*Silurus glanis*) using hydroacoustics in the lower Guadalquivir – Lourdes Encina

MC05. Diagnosis of fish populations and their habitats in Riera d'Osor stream – Neus Mairal

16:45 h

BI11. New approaches for capturing the invasive European catfish and its applicability on population control – Rui Rivaes

MC06. Diagnosis of the present situation of the Spanish toothcarp (*Aphanius iberus*) in the Llobregat Delta – Quim Pou-Rovira

Activities in Vic – Wednesday 19th

17:00 h

Coffee Break – Posters BI

17:30-19:30h

Courses & Project Networking

Aula Magna. Health and welfare in fish. Current research and future outlooks – Lluís Tort

TS105. Design, Construction and Operation of PIT Tag Monitoring Systems – Warren Leach

TS106. Making sense of the R fishbase package in a macroecological trophic fish perspective – Ignasi Arranz

TS120. The elasmobranchs corner – Victor Gallego

T112. Life Nature projects focused on native fish conservation and exotic and invasive species management – Frederic Casals

20:00 h

Vicpuntozero-immersive experience (Cardona Street n°10) and guided tour of the historic center (start in front the City Hall)



Activities in Vic – Thursday 20th

09:00 h

Plenary Session (Aula Magna). **The Red book on Iberian fishes: past and future** – Ignacio Doadrio

PARALLEL SCIENTIFIC SESSIONS

BIOLOGICAL INVASIONS AND INVASIVE SPECIES (AULA MAGNA)

MANAGEMENT AND CONSERVATION OF SPECIES AND HABITATS (TS106)

10:00 h

BI12. A genetic perspective on the invasion history of the European minnow (*Phoxinus* spp.) in the Pyrenees and the Italian Alps – Jong-Mo Suh

MC07. Completeness of the “Carta Piscícola Española” data, the Spanish database of freshwater fish occurrences – Andrea Pino Del Carpio

10:15 h

BI13. On the eDNA-mapping of the monster European catfish threatening Doñana: The STOPSILURO Project – Ruth Coya Testón

MC08. The most irreplaceable freshwater places for fish conservation in relation to protected areas of Spain – Ignacio Pons

10:30 h

BI14. Is it time to replace traditional analysis with metabarcoding methods in diet studies? A case study assessing european catfish predation on native communities – Mafalda Moncada

MC09. What would efficient data management mean for Spanish freshwater fish conservation? – Maite Telletxea

10:45 h

BI15. eDNA techniques unveil the dietary and distribution patterns of the invasive Eastern mosquitofish in Spain: insights for endangered toothcarp conservation – Tessa Lynn Nester

MC10. The role of connectivity in conservation planning for species with obligatory interactions: Prospects for future climate scenarios – Janine Pereira da Silva

Activities in Vic – Thursday 20th

11:00 h

Coffee Break – Posters EC

PARALLEL SCIENTIFIC SESSIONS

BIOLOGICAL INVASIONS AND INVASIVE SPECIES (AULA MAGNA)

TOOLS AND METHODOLOGIES IN FISH RESEARCH (TS106)

11:30 h

BI16. Beyond nets and scales: using social media data mining and eDNA to update European perch (*Perca fluviatilis*) invasion in Portuguese freshwaters – Diogo Dias

TO01. Development of an autonomous multi-parameter framework for water quality and quantity monitoring in real-time based on embedded systems – Samuel Fernandes

11:45 h

BI17. Reeling in the Clicks: online interest in Iberian freshwater fish – Janine Pereira da Silva

TO02. Assessing MPA connectivity: insights from acoustic telemetry studies on vulnerable species in the Balearic Islands – Eneko Aspillaga

12:00 h

BI18. Availability of shoreline habitats is more important for native than for non-native fish species in Neotropical reservoirs – Ana Clara Sampaio Franco

TO03. The website AFORO. Developments of a computational environment for otolith databases – Antoni Lombarte

12:15 h

BI19. Assessing fish assemblage β -Diversity shifts following an intra-country introduction in Southeast Brazilian Reservoirs – Aymar Orlandi Neto

TO04. Otolith-temperature estimates in Atlantic bluefin tuna (*Thunnus thynnus*) from the Mediterranean Sea: Insights from clumped isotope measurements – Iraide Artetxe-Arrate

12:30 h

BI20. Unraveling invasion dynamics: assessing the role of adaptation and naturalization in the success of *Cichla ocellaris* beyond the Amazon – Ana Clara Sampaio Franco

TO05. Use of CT scan in stranded blue sharks (*Prionace glauca*) reveals necropsy-overlooked impalement injuries caused by swordfish (*Xiphias gladius*) – Pablo García-Salinas

12:45 h

TO06. Phagocytosis is not only a matter of leucocytes: phagocytosis of erythrocytes in seabream (*Sparus aurata*) – Jose Carlos Campos Sánchez

13:00 h

Lunch

14:30 h

Plenary Session (Aula Magna). Current research on the European eel (*Anguilla anguilla*) in french Mediterranean coastal lagoons – Raphaël Lagarde

Activities in Vic – Thursday 20th

PARALLEL SCIENTIFIC SESSIONS

FISH BEHAVIOUR AND WELFARE (AULA MAGNA)

TOOLS AND METHODOLOGIES IN FISH RESEARCH (TS106)

15:30 h

BW01. Environmental and human drivers shape the trophic ecology of a widespread marine predator – Elena Fernández-Corredor

TO07. Tailored for eels, valuable for all: SUDOANG's Atlas and Database – Estibaliz Diaz

15:30 h

BW02. Effect of attraction angle on flow-refuge use effectiveness by a potamodromous species, the Iberian barbel (*L. bocagei*) under simulated pulsed-flow – Renan Leite

TO08. Pilot experiences of intensive control of exotic aquatic fauna in the upwellings of the Ullals de Baltasar (Ebro Delta NP) – Guillem Saguer

15:30 h

BW03. Uncovering the extent of phenotypic variability in the behaviour of an aggregative riverine fish – Fatima Amat-Trigo

TO09. Assessment of the enantiotoxic effects of amphetamine (AMP) and 3,4-methylenedioxymethamphetamine (MDPV) on zebrafish (*Danio rerio*) embryo – João Soares Carrola

15:30 h

BW04. Welfare assessment in purse seine fisheries off the southern Portuguese coast – Rita Costa

TO10. Barbel conservation aquaculture and stocking – Paloma Moreno-Rendón

15:30 h

BW05. Hooking effects on immediate and post-release welfare and subsequent mortality of an important marine recreational fishing target species in Portugal – the common two-banded seabream *Diplodus vulgaris* – Samira Nuñez Velazquez

TO11. Fathom software: simplifying data management – Amy Brookman

15:30 h

TO12. NexTrak: the future of acoustic telemetry – Amy Brookman

17:00 h

Pitch & Coffee (Aula Magna)

18:00 h

SIBIC Assembly (Aula Magna)

20:00 h

Bus to Manlleu (Bus departures in front of the Faculty)

20:30 h

Dinner SIBIC2024

23:30 h

Bus to Vic

Activities in Vic – Friday 21st

09:00 h

Plenary Session (Aula Magna). The relevance of soniferous fishes for aquatic conservation – Clara Amorim

PARALLEL SCIENTIFIC SESSIONS

ECOLOGY, LIFE CYCLES AND TROPHIC STRUCTURE (AULA MAGNA)

SYSTEMATICS, PHYLOGEOGRAPHY, EVOLUTION (TS106)

10:00 h

EC01. Assessing temporal changes in the structure and composition of fish assemblages of the Mar Menor in response to critical eutrophic-mediated events – Antonio Zamora López

SY01. New and recent records of fishes from the Mariana Islands – Terry J. Donaldson

10:15 h

EC02. Syngnathids of Mar Menor shallow areas (Western Mediterranean Sea): habitat relationships at two spatial scales and their role as a surrogate family – Adrián Guerrero-Gómez

SY02. Tell me how you smell and I'll tell you who you are. Studying odour mate recognition systems in deep-sea fish (*Notacanthus sp.*) – David Barros García

10:30 h

EC03. Feeding success of the declining long-snouted seahorse (*Hippocampus guttulatus*) under habitat loss – Filipe Parreira

SY03. Patterns of gene expression of an euryhaline fish species, *Aphanius iberus* (Valenciennes, 1846) living at different salinity levels – Alfonso López-Solano

10:45 h

EC04. Presence of blackchin guitarfish (*Glaucostegus cemiculus*) in waters of Doñana National Park (Spain, North East Atlantic) – Jaime Penadés-Suay

SY04. Environmental DNA as an effective tool for the study and conservation of the Sarda (*Achondrostoma salmantinum* Doadrio & Elvira, 2007) (Actinopterygii, Leuciscidae) – Carmen Duque Amado

11:00 h

Coffee Break – Posters MC

Activities in Vic – Friday 21st

PARALLEL SCIENTIFIC SESSIONS

ECOLOGY, LIFE CYCLES AND TROPHIC STRUCTURE (AULA MAGNA)

SYSTEMATICS, PHYLOGEOGRAPHY, EVOLUTION (TS106)

11:30 h

EC05. Short and long-term temperature variations drive recruitment variability in marine and estuarine juvenile fishes – Sara Lourenço

SY05. Tailoring eDNA methodologies for enhanced species detection: a case study on the endangered *Anaocypris hispanica* – Sofia Nogueira

11:45 h

EC06. Criteria for the delimitation of brown trout waters based on temperature regimes to improve fishing regulations and management – Guillem Ilenas

SY06. Genetic characterization of the chub (*Squalius* sp.) populations in Catalan basins – Núria Pérez-Bielsa

12:00 h

EC07. An updated check-list of the ichthyofauna of the inland waters of Morocco – Chami Ayoub

SY07. Phylogeography of the West North African species of the tetraploid fish genus *Luciobarbus* Heckel, 1843 (*Actinopterygii*, *Cyprinidae*) – Silvia Perea

12:15 h

EC08. Fish microhabitat use upstream and downstream from small hydropower plants – José Maria Santos

SY08. Genomic diversity of brown trout populations along a small Mediterranean river – Adrián Casanova

12:30 h

EC09. Trophic ecology of fish species in Iberian lakes: preliminary results from a long-term sampling campaign in aquatic food webs – Ignasi Arranz

SY09. Evaluation of environmental DNA as a tool for early detection of invasive species in Catalonia – Sara Atienza

13:00 h

Lunch

14:30 h

Plenary Session (Aula Magna). Epigenetic insight in the repro-immune interactions for shaping future fish phenotypes – Laia Ribas

Activities in Vic – Friday 21st

PARALLEL SCIENTIFIC SESSIONS

MIGRATION AND CONNECTIVITY (AULA MAGNA)

MARINE FISHERIES (TS106)

15:30 h

MF06. Welfare in commercial marine fisheries - Insights from the CAREFISH/catch project – Pedro Guerreiro

MI01. Gauging stations and fish passage: a finally happy forced marriage – Javier Sanz Ronda

15:45 h

MF07. ICATMAR: fisheries continuous and long-term monitoring along the Catalan coast – Ferran Bustos Salvador

MI02. Exploring the impacts of diversion canals on Iberian fish: preliminary insights – Francisco Javier Bravo-Córdoba

16:00 h

MF08. Influence of ecological and taxonomical traits on the mineral content of commercial marine species – Manuel José Pereira Rodrigues

MI03. Categorization of the capacity of dispersal of Spanish native freshwater fish for the ConnectFish project – Lide de Izeta

16:15 h

MF09. Mercury bioaccessibility in fish and seafood: effect of method, cooking and trophic level on consumption risk assessment – Filipe Costa

MI04. Understanding marine fish connectivity and habitat use to implement ecosystem-based management – Bernat Hereu

16:30 h

MF11. Pilot study on data collection for reporting marine recreational fishing – Oriol Ribalta

MI05. Freshwater incursions of European sea bass in the Tagus river: an overlooked issue in European rivers? – Rita Almeida

16:45 h

MF12. Evaluation of deep-sea elasmobranch bycatch in a European crustacean bottom trawler – Sofia Graça Aranha

MI06. Restoration of fish migration and beginning of an European sturgeon recovery project in the lower Ebre river (Catalonia) and beyond – Marc Ordeix

17:00 h

Coffee Break – Posters MI, SY and TO

17:30 h

Closing ceremony

Poster communications

CODE	AUTHOR	TITLE
FFP01	Èlia Bretxa	Fishes, fish migration and education
FFP03	Judith Ollé	Estuarine fishes stressed by a fast-changing climate
FFP04	Quim Pou-Rovira	La Sorellona: 10 years of education, awareness, dissemination and environmental volunteering with feet soaking in the rivers of Girona
FFP05	Pedro M Guerreiro	Impacts of simulated heatwaves and recovery over O ₂ -consumption and metabolic parameters of <i>Notothenia rossii juveniles</i>
FFP06	Pedro M Guerreiro	Will photoperiod and temperature asynchrony affect the physiology of the Antarctic spiny plunderfish <i>Harpagifer antarcticus</i>
MFP01	Ana Magny	Gamete cryopreservation in elasmobranchs using biodegradable capsules
MFP02	Christoph Schäfer	The population structure of the axillary seabream (<i>Pagellus acarne</i>) in the Portuguese Atlantic coast inferred from body morphometrics and otolith shape analyses
BWP01	Ignasi Sanahuja	Evaluation of illegal transport effects on confiscated glass eel (<i>Anguilla anguilla</i>)
BWP02	Jose Carlos Campos	Effects of acetic acid administration in the lips of gilthead seabream (<i>Sparus aurata</i>): Establishing a pain model for teleost
BWP03	Victor Gallego	Can fish talk to each other? First attempts assessing sounds from Mediterranean freshwater fish, and invasive fish species!
BIP01	Quim Pou-Rovira	Karst Pallars, conservation of karstic lakes in the Catalan Pre-Pyrenees. First results of the intensive population control of exotic fish in lake Montcortès (Baix Pallars, Lleida)
BIP02	Luísa Sousa	First data on imported freshwater fish used on ornamental trade in Portugal
BIP03	Francisco J. Oliva-Paterna	LIFE INVASAQUA: policy brief and strategic information for the management of IAS in aquatic systems
BIP04	Omar Sánchez	Challenges and opportunities in aquatic ecosystem management: on the role of otoliths as a key tool for understanding ichthyological invasions
BIP05	Quim Pou-Rovira	Intensive control of exotic fish in a stretch of high interest for the native ichthyofauna of the Daró River (Girona)
BIP06	Omar Sánchez	On the occurrence of <i>Carassius auratus X Cyprinus carpio</i> hybrids in the central Asturias (N Iberian Peninsula)

Poster communications

CODE	AUTHOR	TITLE
BIP07	Arturo Acero P.	Milkfish, Lionfish, and other exotic marine fishes in the Colombian Caribbean
BIP08	Carlos Fernández-Delgado	First data on the biology of a wells catfish (<i>Silurus glanis</i>) population located in the south of the Iberian Peninsula
BIP09	Angela Lambea-Camblor	Detection, delimitation and identification of invasive alien freshwater fish species by environmental DNA (eDNA) detection in water.
BIP10	Javier Oscoz	Iberian aquatic invasive alien species database: current status of a critical tool to fight against IAS
BIP11	Pedro M Guerreiro	What we know about the invasive cichlid chanchito, <i>Austroloheros facetus</i>, in the Iberian Peninsula
BIP12	Irene Gil-Luna	A mesocosm experiment on the competitive interactions between an endangered toothcarp and invasive mosquitofish under hypoxic conditions
BIP13	Lucia Galvez-Bravo	Biodiversity loss by hybridization of invasive species with endemic freshwater fishes
ECP01	Mafalda Moncada	Predatory pressure of <i>Silurus glanis</i> on native fauna in the Tagus River basin
ECP02	Milene Alexandra Guerreiro	Fish larvae biodiversity of the Azores Islands – a morphological and molecular analysis
ECP03	Natália Luiza da Silva	Is the population of <i>Myloplus tiete</i>, a native and threatened species, made up of specialist individuals?
ECP04	Raiana Lima de Almeida	Estuarine use rather than trophic functional guilds are better predictors of the processes underlying fish community structure in a tropical coastal lagoon
ECP05	Rafel Rocaspana	High spatial variability in the density of cavilat (<i>Cottus hispaniolensis</i>) in the Garonne River
ECP06	Rosa Gurí Florensa	Determining the role of mesohabitats and seasonality on the native species <i>Barbus meridionalis</i> fish population size structure. Case of study of the Ter River (NE Catalonia)
ECP07	Alba Lago	No water, no problem! Adaptive plasticity of non-annual killifish (<i>Cyprinodon variegatus</i>) embryos to drying out conditions
ECP08	Antonio Zamora	Comparing benthic fish assemblages in shallow and deep waters of the Mar Menor coastal lagoon

Poster communications

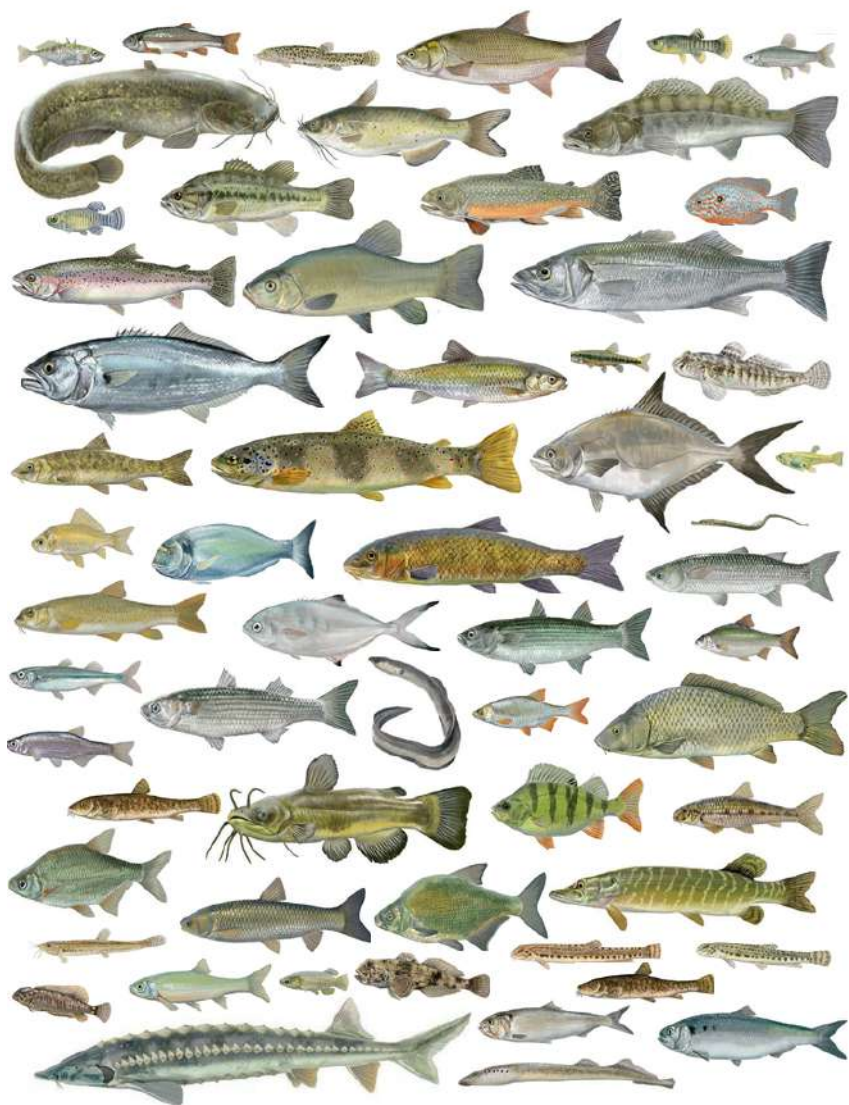
CODE	AUTHOR	TITLE
ECP09	Carlos Orduna	Variation in the fish association of the Zahara-El Gastor reservoir 20 years after its construction
ECP10	Pablo Caballero	Clinal geographical variations of life-history traits in Galician Sea Trout (<i>Salmo trutta</i> Linné, 1758) populations
MCP01	Seila López	Watershed management model for fish restoration
MCP02	Ismael Bentieb	Strategic ponds for biodiversity: a new approach to the conservation of fishes species and habitats in times of climate crisis
MCP03	Laia Jiménez	Fish population evolution in the Riera Major stream (Ter River Basin, NE Catalonia)
MCP04	Marta Blanes	The recovery of freshwater blenny (<i>Salaria fluviatillis</i>) population in the Albufera lagoon (Valencia)
MCP05	Omar Sánchez	Ichthyological environmental indicators in the renaturation of urban rivers: the case of the Piles and Peñafrancia rivers
MCP06	Maria Pizarro-Borrull	Genetic diversity and divergence in the endangered <i>Anaocypris hispanica</i> (Steindachner 1866): implications for its conservation
MCP07	Quim Pou-Rovira	Conservation of Samaruc (<i>Valencia hispanica</i>) and recovery of the ecological state in the Santes Creus lagoons (Ametlla de Mar, Tarragona) through the eradication of mosquitofish (<i>Gambusia holbrooki</i>) with rotenone
MCP08	Quim Pou-Rovira	Viability of the South Iberian Spined Loach (<i>Cobitis paludica</i>) in the upwellings of the Ullals de Baltasar (Ebro Delta NP)
MCP09	Cesar Simon-Talero	Traditional fishing reservoirs
MCP10	Iago Perez-Novo	GiroNat Project: planned river restoration actions
MCP11	Adela Belackova	Understanding the Vulnerability and Conservation of Spawning Aggregations: A Study on Demersal Sparids in South-West Portugal
MCP12	Diana Gonçalves	The Effect of Wastewater Treatment Plant Effluents on Olfaction in the Lusitanian Toadfish
MCP13	Enric Aparicio	Temporal trends of the Mediterranean brown trout (<i>Salmo trutta</i>) in Catalonia: influence of environmental factors and extreme flooding events
MCP14	Adrián Guerrero-Gómez	Population dynamics of the Iberian Toothcarp (<i>Apricaphanius iberus</i>) in two different environments: effects of human management and habitat disturbance

Poster communications

CODE	AUTHOR	TITLE
MCP15	Gustavo González	Recovery of native fish populations after a forest fire in a temporary river
MCP16	Núria Sellarès	Fish population evolution during a restoration project. A case of study in the Ter River (Osona region, NE Catalonia)
MCP17	Victor Gallego	Monitoring the fish communities in a small intermittent river towards conservation and restauration: the case of Ribeira Da Menalva in the Benémola protected landscape area (Loulé, Portugal)
MIP01	Ricard Camps	Follow-up by ultrasonic telemetry of the pilot release of 44 juvenile European sturgeon (<i>Acipenser sturio</i>) in the final stretch of the Ebre River in Catalonia (NE Iberian Peninsula)
MIP02	Quim Pou-Rovira	Situation of river connectivity for fish in the rivers of Girona
MIP03	Rafael Schroeder	Do <i>Mugil liza</i> leave the nursery grounds ahead the schedule?
MIP04	Pedro M Guerreiro	Environmental salinity modulates olfactory sensitivity in the euryhaline European seabass, <i>Dicentrarchus labrax</i>
SYP01	Marta Martínez	Preliminary findings of small-scale genetic differentiation and diversity of Mediterranean brown trout from the Ebro River basin
SYP02	Massiel Alfonso	Genomic and ecological differentiation of a highly threatened elasmobranch: the Pacific Angel Shark, <i>Squatina californica</i>
SYP03	Nuria Sanz	Causes of population structure in brown trout in Pedroso River (Duero basin, Spain)
SYP04	Jose Carlos Campos	In silico prediction and genetic profiling of somatostatins in gilthead seabream (<i>Sparus aurata</i>)
TOP01	Laia Nogué	Detection of silent invasions using genetic diagnostic tools: new distribution data of invasive cryptic species of freshwater fish in Catalonia
TOP02	Marta Pujol-Baucells	Ongoing data collection of marine recreational fisheries in Catalan coastal waters (NW Mediterranean Sea)
TOP03	Oriol Ribalta	Shark sightings and appearances on the Catalan coast (NW Mediterranean Sea) who as appears in the media from 1992 to 2023
TOP04	Taynara Pontes	Morphometry and microchemistry of otoliths as a tool for differentiating between estuarine systems and two species of the same genus (<i>Mugil liza</i> and <i>Mugil curema</i>)

Poster communications

CODE	AUTHOR	TITLE
TOP05	Iago Pérez Novo	Design and installation of a gravel filter to prevent the penetration of fish and other exotic fauna in a Red Natura 2000 pond, located on the banks of the Ter River (Girona)
TOP06	Jose Carlos Campos	Deciphering the serum proteinogram profile of gilthead seabream (<i>Sparus aurata</i>)
TOP07	Filipe Ribeiro	Assessing the current distribution of the invasive European catfish in Portugal: from people to molecules



Dibuixos: Toni Llobet



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