This Directory contains information for both of today's sessions.

15:00 – 16:00: Floors 2-8
20:00 – 22:00: Floors 4-9

Session Log on Link: [https://lfc44postersession-2-meetspeakers.event.gatherly.io](https://lfc44postersession-2-meetspeakers.event.gatherly.io)

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DIRECTORY

TABLE KEY:

AQ = Ornamental & Commercial Aquaculture
LA = Larval Assemblages
CC = Climate Change Effects
RP = Recruitment Processes
FF = Form, Function, Development

FLOOR 1: Welcome Lobby

Help Desk 1 and Help Desk 2

Conference Services staff will be available to answer questions and provide support during both sessions.
FLOOR 2: Posters

Table: CC11P

**Boat noise impacts early life-stages in the Lusitanian toadfish: a field experiment**

Ana Faria
MARE-ISPA, Portugal
Email: afaria@ispa.pt
Theme Session: Climate change effects

Table: AQ09P

**Larval development and staging of hybrid Sunshine bass (Morone chrysops? x Morone saxatilis?)**

Deodatta Gajbhiye
Agricultural Research Organization Volcani Center, Rishon Letziyon-ISRAEL, Israel
Email: deodattagajbhiye@gmail.com
Theme Session: Commercial & ornamental aquaculture

Table: AQ10P

**A detailed staging system of hatchery reared grey mullet (Mugil cephalus)**

Itay Oz
Agricultural Research Organization, Israel
Email: itay.oz2@mail.huji.ac.il
Theme Session: Commercial & ornamental aquaculture

Table: AQ12P

**Application of otolith microchemistry for differentiation of juveniles and adults of chum salmon with hatchery and natural origin**

Pavel Mikheev
Perm State University, Russia
Email: pmikheev@yandex.ru
Theme Session: Commercial & ornamental aquaculture
FLOOR 2: Posters

Table: FF21P

**Development of the postcranial skeleton in the Atlantic herring (Clupea harengus)**
Vivian Fischbach
Deutsches Meeresmuseum Stralsund (DMM), Germany
Email: vivian.fischbach@googlemail.com
Theme Session: Form, function, development

Table: FF23P

**Early ontogeny of lesser sandeel (Ammodytes marinus)**
Prescilla Perrichon
Institute of Marine Research, Norway
Email: prescilla.perrichon@gmail.com
Theme Session: Form, function, development

Table: FF22P

**Development of the Postcranial Skeleton of Mugilids**
Philipp Thieme
German Oceanographic Museum, Germany
Email: phil.thieme2016@gmail.com
Theme Session: Form, function, development

FLOOR 3: Posters

Table: FF20P

**DNA barcoding reveal larval fish assemblages in the eastern Adriatic Sea (eastern Mediterranean)**
Barbara Zorica
Institute of Oceanography and Fisheries, Split (Croatia), Croatia
Email: zorica@izor.hr
Theme Session: Form, function, development
**FLOOR 3: Posters**

**Table: LA14P**

*Daily growth patterns of three species of young-of-the-year of the Eastern coasts of Algeria fishes*

Nadjette Bourehail
Badji Mokhtar-Annaba University, Algeria, Algeria

Email: nadjetteb@yahoo.fr

Theme Session: Larval assemblages

**Table: LA15P**

*Automated plankton classification – a dynamic optimization procedure*

Jan Conradt
University of Hamburg, Germany

Email: jan.conradt@gmx.de

Theme Session: Larval assemblages

**Table: LA16P**

*Assessing the role of African island mangroves (Sao Tome Island) as nursery areas*

Diogo Dias
University of Lisbon, Faculty of Sciences, Portugal

Email: dmlvmd@gmail.com

Theme Session: Larval assemblages

**Table: RP24P**

*Early life history of Ronquilus jordani in the western Gulf of Alaska (1978-2016)*

Haley Carlton
Drexel University, Netherlands

Email: hcarlton7@gmail.com

Theme Session: Recruitment processes
**FLOOR 3: Posters**

**Table:** RP2SP

*Nutritional condition of Sardina pilchardus larvae reared in laboratory conditions determined by histology and RNA:DNA ratio*

Susana Garrido  
University of Lisbon, Portugal  
**Email:** susana.garrido@ipma.pt  
**Theme Session:** Recruitment processes

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**FLOOR 4: Meet the Speakers**

**Table:** Keynote 2

*Sweat the small stuff: How local conditions can shape the sensitivity to climate change*

Andrea Frommel  
University of British Columbia, Canada  
**Email:** afrommel@zoology.ubc.ca  
**Theme Session:** Climate change effects

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**Table:** CC03

*Sailboats and fish larvae: a combo with the wind in their sails*

Caroline Bouchard  
Greenland Institute of Natural Resources, Greenland  
**Email:** cabo@natur.gl  
**Theme Session:** Climate change effects

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**Table:** CC01

*How ocean acidification may alter natural selection on larvae: A case study of California Grunion*

Darren Johnson  
California State University, Long Beach, USA  
**Email:** darren.johnson@csulb.edu  
**Theme Session:** Climate change effects
FLOOR 4: Meet the Speakers

Table: CC02

Spatiotemporal patterns in early life stage winter flounder highlight phenology changes and habitat dependencies
Conor McManus
RIDEM Division of Marine Fisheries, USA
Email: conormcmanus@gmail.com
Theme Session: Climate change effects

Table: AQ01

A Framework for the Selection of Marine Aquarium Fishes to Target for Aquaculture
Paul Anderson
Coral Reef Aquarium Fisheries Campaign, USA
Email: paul@insightbyanderson.com
Theme Session: Commercial & ornamental aquaculture

FLOOR 5: Meet the Speakers

Table: AQ02

Public Aquariums as a Potential Source of Marine Fish for Exhibits and Conservation - Identification of Eggs and Larvae
Jessie Castanier
Texas State Aquarium, Texas A&M University-Corpus Christi, USA
Email: jessiecastanier@yahoo.com
Theme Session: Commercial & ornamental aquaculture

Table: AQ04

FishSizer; A new software solution for efficiently sizing fish larva
Jeppe Have Rasmussen
Centre for Coastal Research, Department of Natural Sciences, University of Agder, Norway
Email: jeppe.h.rasmussen@uia.no
Theme Session: Commercial & ornamental aquaculture
FLOOR 5: Meet the Speakers

**Table: AQ03**

Comparative biology of early life stages of over 300 temperate freshwater fishes based on an updated STOREFISH database

Fabrice Teletchea
Univeristé de Lorraine, France

**Email:** fabrice.teletchea@univ-lorraine.fr

**Theme Session:** Commercial & ornamental aquaculture

**Table: FF13**

Movement of glass eel Anguilla marmorata (Anguilliformes: Anguillidae) exposed to different salinity levels

Goldyn Anne Aquino
Isabela State University, Philippines

**Email:** goldynanne.g.aquino@isu.edu.ph

**Theme Session:** Form, function, development

**Table: FF06**

Ontogeny of the feeding apparatus of the White Croaker, Genyonemus lineatus (Sciaenidae)

Todd Clardy
Natural History Museum of Los Angeles County, USA

**Email:** tclardy@nhm.org

**Theme Session:** Form, function, development

**Table: FF05**

Using ultrasound for the monitoring and control of larval development of gilthead seabream (Sparus aurata) in tanks

Fernando de la Gandara
Spanish Institute of Oceanography (IEO), Spain

**Email:** fernando.delagandara@ieo.es

**Theme Session:** Form, function, development
FLOOR 6: Meet the Speakers

Table: FF07

Incorporation of Dietary Lipid and Fatty Acids into Red Drum Sciaenops ocellatus Eggs
Zhenxin Hou
The University of Texas at Austin, USA
Email: zhenxin.hou@utexas.edu
Theme Session: Form, function, development

Table: FF04

Accelerating morphological disparity during ontogeny leads to two convergent morphotypes in the three-spine stickleback
Michaela Kolker
Tel Aviv University, Israel
Email: kolkermi@mail.tau.ac.il
Theme Session: Form, function, development

Table: FF11

Microbial Communities of Sargassum and Associated Microplastics Influence Juvenile Gray Triggerfish Gut Microbiome
Olivia Lestrade
The University of Southern Mississippi, USA
Email: olivia.lestrade@usm.edu
Theme Session: Form, function, development

Table: FF10

Transgenerational acclimation of seabream (Sparus aurata) to ocean warming
Monica Mai
MARE-University of Lisbon, Portugal
Email: mcrsilva@fc.ul.pt
Theme Session: Form, function, development
**FLOOR 6: Meet the Speakers**

**Table: FF12**

*A study of tiny shapeshifters: microCT scanning of a rare collection of Giant Sunfish larvae (Molidae, Mola alexandrini)*

Marianne Nyegaard  
Auckland Museum, New Zealand  
Email: mnyegaard@aucklandmuseum.com  
**Theme Session:** Form, function, development

**Table: FF09**

*Behavioral types correlate with gut microbiome in early-life stages of wild gilthead seabream*

Aina Pons Salom  
IMEDEA (CSIC-UIB), Spain  
Email: apons@imedea.uib.csic.es  
**Theme Session:** Form, function, development

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**FLOOR 7: Meet the Speakers**

**Table: FF08**

*Captive rearing of Peruvian anchovy (Engraulis ringens): Early development and growth modelling*

Fanny Rioual  
Institut de Recherche pour le Developpement, France  
Email: rioual.fanny@gmail.com  
**Theme Session:** Form, function, development

**Table: LA04**

*The impact of the zooplankton size structure on foraging and growth of early herring larvae in the North Sea*

Gregor Börner  
University of Hamburg, Germany  
Email: gregor.boerner@uni-hamburg.de  
**Theme Session:** Larval Assemblages
FLOOR 7: Meet the Speakers

Table: LA05

Trophic niche partitioning of three larval Sciaenidae species in the North-western Gulf of Mexico
Shannan McAskill
Texas A&M University Corpus Christi, USA
Email: smcaskill@islander.tamucc.edu
Theme Session: Larval Assemblages

Table: LA06

Comparison of larval and juvenile fish assemblage between newly created marsh terrace habitat and existing marsh habitat
April Simmons
Nicholls State University, USA
Email: aprilsimmons1993@gmail.com
Theme Session: Larval Assemblages

Table: LA07

Ocean Oases: Surface slicks are pelagic nurseries for larval coral reef, epipelagic & deep-water fishes
Jonathan Whitney
NOAA - Pacific Islands Fisheries Science Center, USA
Email: Jonathan.Whitney@noaa.gov
Theme Session: Larval Assemblages

FLOOR 8: Meet the Speakers

Table: RP12

Changes in density and growth of larval lake whitefish after ecosystem changes in Lake Huron
Katelyn Cunningham
Trent University, Canada
Email: katelyncunningham@trentu.ca
Theme Session: Recruitment processes
FLOOR 8: Meet the Speakers

Table: RP11

**Distribution and Abundance of Pelagic Larval Yellow Perch in Lake St. Clair (US/Canada) and Adjoining Waters**
Robin DeBruyne
University of Toledo, USA
**Email:** robin.debruyne@utoledo.edu
**Theme Session:** Recruitment processes

Table: RP05

**So close yet so far? Assessing distribution and connectivity of Fuegian sprat early life stages in the SWAO**
Virginia Andrea Garcia Alonso
Universidad de Buenos Aires, Argentina
**Email:** garciaalonso.v.a@gmail.com
**Theme Session:** Recruitment processes

Table: RP10

**Size, condition, and winter duration: Insights on winter survivorship of juvenile cod**
Emilie Geissinger
Memorial University of Newfoundland and Labrador, Canada
**Email:** eageissinger@mun.ca
**Theme Session:** Recruitment processes

Table: RP20

**A first glimpse into the larval ecology of halibut species in the Gulf of St. Lawrence, Canada**
Ghinter Leopold
Université du Québec à Rimouski - Institut des Sciences de la Mer, Canada
**Email:** leopol5.ghinter@uqar.ca
**Theme Session:** Recruitment processes
**FLOOR 9: ELHS Mentors**

**Table: Hernandez**

**Dr. Frank Hernandez**  
Division of Coastal Sciences | University of Southern Mississippi  
*Larval ecology, recruitment, transport, behavior*  
frank.hernandez@usm.edu

**Table: Conover**

**Dr. David Conover**  
Emeritus Professor of Biology | University of Oregon  
*Local adaptation, sex-determination, fisheries-induced evolution*  
dconover@uoregon.edu

**Table: Fuiman**

**Lee Fuiman**  
Fisheries & Mariculture Laboratory | University of Texas at Austin  
*Physiology of fish larvae, Maternal-offspring nutrient transfer, Food-web dynamics*  
lee.fuiman@utexas.edu

**Table: Ludsin**

**Stu Ludsin**  
Aquatic Ecology Laboratory | The Ohio State University  
*Aquatic food webs, freshwater & marine, Great Lakes, climate change*  
ludsin.1@osu.edu

**Table: Leis**

**Jeff Leis**  
Centre for Ecology and Biodiversity | University of Tasmania  
*Larval tropical fish, underwater behavior, population connectivity & dispersal*  
jeffrey.leis@utas.edu.au