

Deliverable Report

Deliverable No:	D31.20		Delivery Month:	48	
Deliverable Title	Presentations of DIVERSIFY (Y4) at the Aqua Europe meetings (Diversification				
	Sessions) by the Species leaders				
WP No:	31	V	VP Lead beneficiary:	P18. CTAQUA	
WP Title:	Dissemination				
Task No:	31.3	Ta	sk Lead beneficiary:	P1. HCMR	
Task Title:	Presentation of DIVERSIFY at the AQUACULTURE EUROPE meetings				
Other beneficiaries:	P18. CTAQUA				
Status:	Delivered		Expected month:	44	

Lead partner preparing the deliverable: Mylonas, C.C. (HCMR)

Other partners participating: Robles, R. (CTAQUA)

Objective: Instead of summary presentations by the Species leaders, this year we presented a larger number of specific presentations from DIVERSIFY Tasks, during a Special Session for DIVERSIFY at the European Aquaculture Society's (EAS) annual meeting.

Description: A Special Session was organized at the AQUACULTURE EUROPE 2017 conference held between 17-20 October 2017 in Dubrovnik, Croatia (**Fig. 1**), titled "DIVERSIFY- New/emerging finfish species (EU Project). The session was chaired by the WP31 Dissemination leader (Dr. Rocio Robles) and the Project Coordinator (PC) of DIVERSIFY (Dr. Constantinos C. Mylonas). Instead of summary presentations by the six Species Leaders (SL) of DIVERSIFY -as described in the DOW, reporting on species studied in the project, it was decided to allow as many researchers as possible from the consortium to present their work undertaken in the various specific tasks of the project.

The Special Session lasted for the whole day (Wednesday, 18 October, 10:30 - 17:30) and an estimated of 50-120 persons were present at the different presentations in the designated room (**Fig. 2**). A total of 16 presentations were given, 15 from DIVERSIFY work (**Fig. 3**). In addition, a number of Posters were presented under this Special Session, being also from DIVERSIFY tasks.





Figure 1. The poster of the AQUACULTURE EUROPE 2017 that is organized every year by the European Aquaculture Society (left), and a panoramic view of the old harbor of Dubrovnik, Croatia (right).





Figure 2. Dr. Marija Banovic (AU) presenting at the DIVERSIFY Special Session of AOUACULTURE EUROPE 2017.



Figure 3. The program pages of the DIVERSIFY Special Session of AQUACULTURE EUROPE 2017.

The session opened with a summary presentation for DIVERSIFY, given by the PC of the project (Fig. 4). The presentation begun with a very brief mention of the project and its consortium, and the underlining reasons for the support of this project by the European Union. The presentation explained the justification of the project's species selection. Then, there was a brief description of the major achievements of the project in the six species examined, as well as in the area of Socioeconomics. The presentation then focused on the dissemination activities of the project (Fig. 5) and a presentation of the website (www.diversifyfish.eu). The participants were informed of the new pages of the web site, which now contain all the presentation of the carried work given during the annual coordination meetings, and more recently as work is completed and submitted for publication, the scientific articles from the project (21 Articles so far).



Then, a special mention was made of the upcoming Species-specific knowledge transfer workshops, which are planned for 2018 (Fig. 5). These will be constituted of 30 min presentations on selected aspects on the production methods for the specific species, given by DIVERSIFY researchers, but also from any authorities in the species from outside the consortium. Aquaculturists, but also European aquaculture support companies (feed, pharmaceutical, etc.) will be invited to attend these meetings. The cost of the invited speakers and the registration of the participants will be covered by the programme (50-100 participants). The seminars will be organized by the Species Leaders from DIVERSIFY in countries where the particular species are cultured --or has the potential to be cultured. One seminar will be organized for each of the selected species. For more information on the presentation of the PC, please refer to Deliverable 31.19 Annual presentation of DIVERSIFY (Y4) at a relevant conference (mainly Aqua Europe meetings, EU Forum) by the Project Coordinator.

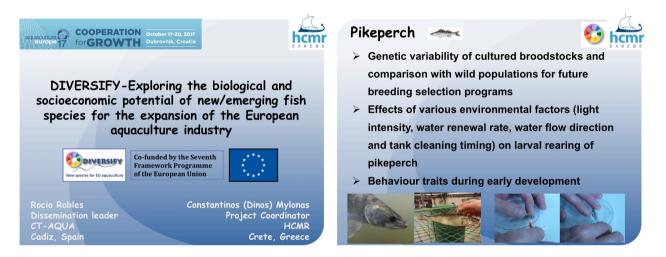


Figure 4. Representative slides of the Species achievements in the project.



Figure 5. The slide presenting the six publications that have been made so far in the "Aquaculture Europe" magazine (left) and the announcement of the **Species-specific knowledge transfer workshops** of DIVERSIFY (right).



After the PC presentation, specific presentations from different scientific disciplines were given, beginning with the work on reproduction in greater amberjack and wreckfish (**Fig. 6**), followed by a number of presentations on other species and scientific disciplines (**Fig. 7**).



Figure 6. The opening slides from the presentations of Fakriadis et el. on greater amberjack spawning induction (left) and from Papadaki et al. on the reproductive cycle of wreckfish.



Figure 7. The opening slides from other presentations from the DIVERSIFY Special Session.

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Table 1. The titles of the poster presentations from the Special Session of DIVERSIFY, the majority coming from the DIVERSIFY project.

AQUACULTURE AND ENHANCEMENT OF GONAD PRODUCTION IN	Pombo	Ana
THE SEA URCHIN Paracentrotus lividus. PRELIMINARY RESULTS	1 011100	7110
EFFECT OF MALE ROTATION ON INDUCED PAIR SPAWNING OF	Sigelaki	Irini
MEAGRE Argyrosomus regius	0.60.0	
PROXIMATE, FATTY ACIDS AND VOLATILE COMPOUNDS		
COMPOSITION OF REARED VS. WILD GREATER AMBERJACK (Seriola	Grigorakis	Kriton
dumerili) AS AFFECTED BY FISH SIZE		
IMPROVEMENT OF REPRODUCTIVE PERFORMANCE OF F1		
GENERATION GREATER AMBERJACK (Seriola dumerili) WITH	Jerez	Salvador
SUCCESIVE IMPLANTS OF GONADOTROPIN-RELEASING HORMONE		
AGONIST (GnRHa)		
EFFECTS OF STOCKING DENSITY ON GROWTH PERFORMANCE AND	Jerez	Salvador
HEALTH OF GREATER AMBERJACK (Seriola dumerili) JUVENILES		
HEMATOLOGICAL AND PLASMA BIOCHEMICAL PARAMETERS IN F1		
GENERATION GREATER AMBERJACK (Seriola dumerili) DURING	Martín	M. Virginia
SPAWNING INDUCTION WITH GnRHa DELIVERY SYSTEMS		
COMBINED EFFECT OF IMMUNE-STIMULANT ENRICHMENT		
PRODUCTS AND FEEDING FREQUENCY ON GREATER AMBERJACK	Martín	M. Virginia
LARVAL PERFORMANCE		
THE MICROBIOME OF Seriola lalandi OF WILD AND AQUACULTURE		
ORIGIN REVEALS DIFFERENCES IN COMPOSITION AND POTENTIAL	Ramirez	Carolina
FUNCTION		
PRELIMINARY STUDIES ON THE RELATIONSHIP OF TEMPERATURE		
AND TIME OF DIGESTION ON ENZIMATIC ACTIVITY AND GROWTH	Sanmartín Almeida	Antonio
OF SERIOLA DUMERILI.		
EFFECT OF DIFFERENT RATIOS OF DHA, EPA AND ARA ON		
ONTOGENY OF DIGESTIVE ACTIVITES AND LARVAL DEVELOPMENT	El Kertaoui	Najlae
OF PIKEPERCH LARVAE Sander lucioperca		
POPULATION GENETIC STRUCTURE OF GREATER AMBERJACK	- ·	6 . 6
(Seriola dumerili) IN THE MEDITERRANEAN SEA AND EASTERN	Tsigenopoulos	Costas S.
ATLANTIC OCEAN		
EVALUATION OF WRECKFISH Polyprion americanus GROWTH IN	Rodríguez Villanueva	José Luis
GALICIA (SPAIN)		

Overall, this Special session demonstrated that significant progress has been achieved in the study of new/emerging species for the EU aquaculture industry. The knowledge acquired so far, will now be more widely disseminated to the scientific community through the publication of scientific articles, and to the aquaculture industry through the upcoming **Species-specific knowledge transfer workshops**, with the objective of increasing their annual production with the inclusion of new species that offer significant biological (faster growth and better FCR) and market advantages (flesh quality, consumer acceptance and world-wide distribution).

Deviations: The deliverable is submitted 4 months later that anticipated in the DOW, but within a month from the conclusion of the Conference.