



International Grouper Workshop

7-8 October 2016, Bodrum, Turkey

Workshop Program

07 October 2016

09:00-09:30 Registration-Poster Preparation

Inaugural Function

09:30-09:40 Welcome & Opening Remarks, Dr. Cemal Turan, Chair of the Workshop

09:40-09:45 Award to the Scientist who has left permanent tracks in marine science

General Session 1

Moderator : Cemal Turan

09:45-10:10 Keynote Talk: Bayram Öztürk, TÜDAV President

Why We Have to Protect Groupers as a Common Ecological Heritage in the Mediterranean Sea

10:10-10:20 Adriana Vella* and Noel Vella

Genetic Barcoding, Systematics, Fishery, Regulations and Conservation of Serranidae Species in Maltese Waters, Central Mediterranean

10:30-10:40 Mehmet Baki Yokeş*, Yaprak Arda and Volkan Demir

13 Years of Monitoring Serranidae Species in Kaş-Kekova Special Protected Area

10:40-10:50 Azza El-Ganainy*, Alaa Osman and Ezzat Abd-Allah

Population Structure of the Areolate Grouper *Epinephelus areolatus* Stock in the Gulf of Suez

10:50-11:00 Workshop Picture and Tea/Coffee Break - Poster Presentation

General Session 2

Moderator : Adriana Vella

11:10-11:20 Alaa Osman, Azza El-Ganainy* and Ezzat Abd-Allah

Reproductive Biology of the Areolate Grouper *Epinephelus areolatus* from the Gulf of Suez

11:20-11:30 Mehmet Baki Yokeş*, Deniz Kanca and Serdar Erdoğan

Preliminary Results of Genetic Barcoding Serranidae Species from Turkish Coastline

11:30-11:40 Bertan Altuğ Narlıoğlu, Bülent Cihangir* and Aydın Ünlüoğlu

Distribution Pattern and Batch Fecundity of the Brown Comber (*Serranus hepatus* L.,1758) Along the Turkish Coasts of the North Aegean Sea

11:40-11:50 Eyüp M. Tıraşın* and Ö. Özgen
Feeding Ecology of Brown Comber *Serranus hepatus* (Linnaeus, 1758) in Izmir Bay (Turkey)

11:50-12:00 Kutsal Gamsız* and Güngör Muhtaroglu
Aquaculture Production of White Grouper (*Epinephelus aeneus*) in Turkey: Hatchery Technics and Larval Nutrition

12:00-12:10 Emre Keskin* and Hasan Hüseyin Atar
Pyrosequencing Serranids of Iskenderun Bay Using Environmental Dna

12:10-12:20 Z. Derya Yıldırım*, Ana Gordoia and Vahdet Ünal
Multidimensional Approach to Grouper Fishery Management: Preliminary Results of Gökova MPA Case Study, Turkey

12:20-12:30 Servet A.Doğdu* and Cemal Turan
Environmental DNA for Detection of Endangered Grouper Species (*Epinephelus* spp.)

12:30:13:30 - Lunch Break

General Session 3

Moderator : AZZA El-Ganainy

13:30-13:40 Asiye Başusta, Nuri Başusta* and Levant Sangün
Length-Weight Relationship of Brown Comber, *Serranus hepatus*, Linnaeus, 1758 from Iskenderun Bay, Northeastern Mediterranean, Turkey

13:40-13:50 Gökçen Bilge*, Sercan Yapıcı and Halit Filiz
Length-Weight and Length Length Relationships in Three *Serranus* Species from Southern Aegean Sea, Turkey

13:50-14:00 Elif Özgür Özbek*, Turhan Kebapçioğlu and Mine Çardak
***Serranidae* Species in the Trawl Catches of the Gulf of Antalya, Turkey (Eastern Mediterranean Sea)**

14:00-14:10 M. Ayce Genc, Mevlut Aktas, Orhan Tufan Erol Dogan and Ercument Genc*
Observations on the Artificial Sex Inversion of Dusky Grouper (*Epinephelus marginatus*) from the North-East Mediterranean Sea, Turkey

14:10-14:20 Dilay Birim, Bülent Cihangir* and E. Mümtaz Tıraşın
The Reproduction Properties of *Serranus cabrilla* (L., 1758) and *Serranus hepatus* (L.,1758) from Izmir Bay

14:20-14:30 Ayşe Özyılmaz*
Evaluation of Some Biochemical and Sensory Attributes of Some Grouper

14:30-14:40 Yakup Kutlu*, Bilal İşçimen and Cemal Turan
An Automatic Otolith Shape Analysis Tool for Otolith Image of Some Grouper Species

14:40-14:50 Sencer Akalın*, Aydın Ünlüoğlu, E. Mümtaz Tıraşın, C. Menderes Aydın, İsmail Dal and Yılmaz Emre
Otolith Related Properties and Age Ring Formation of White Grouper (*Epinephelus aeneus* (Geoffroy Saint-Hilaire, 1817)) in The Eastern Mediterranean Sea

14:50-15:00 Aydın Ünlüoğlu*, Sencer Akalın, E. Mümtaz Tıraşın and Bülent Cihangir
Diel Variation in Bottom Trawl Catch Rates of Comber (*Serranus Cabrilla* L., 1758) and Brown Comber (*Serranus Hepatus* L.,1758) in İzmir Bay (the Central Aegean Sea)

15:00-15:10 Deniz Yağlıoğlu*, Deniz Ayas , Ali Uyan and Servet A. Dođdu
Morphometric Differences Between *Serranus cabrilla* (Linnaeus, 1758) Populations from Mediterranean and Aegean Sea

15:10-15:20 Halit Filiz*, Gökçen Bilge, Burak Ali Çiçek, Mehmet Ant Türkmen and Ali Fuat Canbolat
Length-Weight Relationships of Two Groupers from Southern Aegean Sea, Turkey

15:20-15:30 Bilal İşçimen, Yakup Kutlu* and Cemal Turan
Classification of Epinephelidae Species Using Colour Based Statistical Features

15:30-15:50 Tea/Coffee Break - Poster Presentation

General Session 3

Moderator : Vahdet Ünal

15:50-16:00 Halit Filiz* and Nail Sevingel
Serranid Fishes in the No-Fishing Zones of the Southern Part of Datca-Bozburun Special Environmental Protection Area (Sepa), Turkey

16:00-16:10 Gökçen Bilge* and Halit Filiz
Determination of Sagittal Otolith Biometry and Fish Size of *Serranus cabrilla* (Linnaeus, 1758) Distributed in Southern Aegean Sea

16:10-16:20 Ozan Soykan* and H. Tuncay Kinacıgil
Commercial Serranids of Turkey; A General Evaluation

16:20-16:30 Zafer Kızılkaya*, İnci Tüney Kızılkaya and Vahdet Ünal
Returning of *Epinephelus aeneus* in Gökova Bay Marine Protected Area

16:30-16:40 Deniz Yağlıoğlu* and Murat Çınar
Range Expansion of Brown Comber, *Serranus hepatus* (Linnaeus, 1758) in The Black Sea

16:40-16:50 Z. Derya Yıldırım* , Adrien Cheminee, Jeremy Pastor, Ana Gordo, Philippe Lenfant and Vahdet Ünal
On the Track of Groupers: A Pilot Study for Acoustic Telemetry of Goldblotch Grouper (*Epinephelus costae*) in Gökova Marine Protected Area, Turkey

16:50-17:00 Emrah Şimşek* and Aydın Demirci
Analysis of Factors Affecting Life Fate of Groupers after Fishing Operations

17:00-17:10 Deniz Ayas*, Misra Bakan, Ali Rıza Köşker And Deniz Yağlıođlu

The Relationships Between Fish Size and The Metal Levels of the Muscle Tissue of *Serranus cabrilla* (Linnaeus, 1758) Caught from the Yeşilovacık Bay

17:10-17:30 Necdet Uygur* and Cemal Turan (Video Show)

Underwater Observation and Threats on Groupers in the İskenderun Bay, the Eastern Mediterranean

08 October 2016

09:30-12:00 Panel : Evaluation of the Presentations and Projected Future Actions and Perspectives on Groupers

Moderators:

Cemal Turan, İskenderun Technical University

Adriana Vella, University of Malta

Bülent Cihangir, Dokuz Eylül University

Zafer Tosunođlu, Ege University

Vahdet Ünal, Ege University

Mehmet Baki Yokeş, WWF

Mevlüt Gürlek, İskenderun Technical University

Mahmut Akyurek, General Directorate of Aricultural Research and Polices

Hacer Akyürek, General Directorate of Fisheries and Aquaculture