

Assoc. Prof. Gülşah SAÇ

Personal Information

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Education Information

Doctorate, Istanbul University, Institute Of Graduate Studies In Sciences, Fen Fakültesi Bölümü, Turkey 2010 - 2017
Postgraduate, Istanbul University, Institute Of Graduate Studies In Sciences, Su Ürünleri Bölümü, Turkey 2007 - 2010
Undergraduate Double Major, Istanbul University, Faculty Of Science, Department Of Biology, Turkey 2003 - 2007
Undergraduate, Istanbul University, Faculty Of Aquatic Sciences, Department Of Marine And Freshwater Resources Management, Turkey 2002 - 2007

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, THE DISTRIBUTION OF FISHES IN THE ISTRANCA STREAM (İSTANBUL) AND THE BIOECOLOGICAL CHARACTERISTICS OF TWO SPECIES, Istanbul University, Faculty Of Science, Department Of Biology, 2017
Postgraduate, GROWTH AND REPRODUCTION OF PRUSSIAN CARP *Carassius gibelio* (BLOCH, 1782) IN BÜYÜKÇEKMECE DAM LAKE, Istanbul University, Faculty Of Aquatic Sciences, Department Of Marine And Freshwater Resources Management, 2010

Research Areas

Natural Sciences

Academic Titles / Tasks

Associate Professor, Istanbul University, Faculty Of Science, Department Of Biology, 2022 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The ichthyofaunal diversity of freshwater ecosystems in Gökçeada Island (NW Turkey) under the pressure of nonnative species**
Ağdamar S., Saç G., Gaygusuz Ö., Doğaç E., Acar Ü., Gürsoy Gaygusuz Ç., Özuluğ M.
Turkish Journal Of Zoology, vol.45, no.7, pp.570-578, 2021 (Journal Indexed in SCI Expanded)
- II. **Life-history Traits of *Phoxinus strandjae* Drensky, 1926 (Actinopterygii: Leuciscidae) from Istranca Stream, Turkey**
Saç G., Özuluğ M.

Acta Zoologica Bulgarica, vol.72, no.3, pp.429-438, 2020 (Journal Indexed in SCI Expanded)

- III. **Life history pattern and feeding habits of *Gobio bulgaricus* (Drensky, 1926) (Pisces: Gobionidae) in an endorheic stream (Istranca Stream, Turkey)**
Sac G., Ozulug M.
IRANIAN JOURNAL OF FISHERIES SCIENCES, vol.19, no.1, pp.248-261, 2020 (Journal Indexed in SCI)
- IV. **New Distribution Areas of Four Invasive Freshwater Fish Species from Turkish Thrace**
Ozulug M., Gaygusuz Ö., Gaygusuz C. G. , Sac G.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.19, no.10, pp.837-845, 2019 (Journal Indexed in SCI)
- V. ***Pseudophoxinus cilicicus*, a new spring minnow from southern Anatolia (Teleostei: Leuciscidae)**
Sac G., Ozulug M., GEIGER M. F. , Freyhof J.
ZOOTAXA, vol.4671, no.1, pp.105-118, 2019 (Journal Indexed in SCI)
- VI. **Bio-Ecological Traits of Western Tubenose Goby *Proterorhinus semilunaris* (Heckel, 1837): A Key to Understand Its Invasion Success**
Sac G.
WATER, vol.11, no.6, 2019 (Journal Indexed in SCI)
- VII. **Length-weight relationship of seven freshwater fish species from Turkish Thrace**
Sac G., Gaygusuz O., Gaygusuz C. G. , Ozulug M.
JOURNAL OF APPLIED ICHTHYOLOGY, vol.35, no.3, pp.808-811, 2019 (Journal Indexed in SCI)
- VIII. **New records of *Pseudophoxinus firati* from Turkey (Teleostei: Leuciscidae)**
Sac G., Ozulug M., Elp M., Gaffaroglu M., Unal S., Ayata M. K. , KAYA C., Freyhof J.
JOURNAL OF APPLIED ICHTHYOLOGY, vol.35, no.3, pp.769-774, 2019 (Journal Indexed in SCI)
- IX. **Length-weight relationship of 16 fish species belonging to genus *Pseudophoxinus* (Teleostei: Leuciscidae) from Turkish inland waters**
Sac G., Ozulug M.
JOURNAL OF APPLIED ICHTHYOLOGY, vol.34, no.6, pp.1335-1339, 2018 (Journal Indexed in SCI)
- X. **EFFECTS OF ENVIRONMENTAL VARIABLES ON THE DISTRIBUTION OF FISH ASSEMBLAGES IN AN ENDORHEIC STREAM (ISTANBUL, TURKEY)**
Saç G.
Fresenius Environmental Bulletin, vol.26, no.12, pp.7150-7159, 2017 (Journal Indexed in SCI Expanded)
- XI. **Growth and Diet of *Alburnoides tzonevi* Chichkoff, 1933 (Teleostei: Cyprinidae) in the Istranca Stream, Istanbul, Turkey**
Saç G., Kaptan Ç., Özulug M.
Acta Zoologica Bulgarica, vol.69, no.3, pp.361-368, 2017 (Journal Indexed in SCI Expanded)
- XII. **Neotype designation of *Aphanius iconii*, first reviser action to stabilise the usage of *A. fontinalis* and *A. meridionalis* and comments on the family group names of fishes placed in Cyprinodontidae (Teleostei: Cyprinodontiformes)**
Freyhof J., Ozulug M., Sac G.
ZOOTAXA, vol.4294, no.5, pp.573-585, 2017 (Journal Indexed in SCI)
- XIII. **New data on the distribution and conservation status of *Phoxinus strandjae* (Teleostei: Cyprinidae)**
Saç G., Özulug M.
Ichthyological Exploration Of Freshwaters, vol.25, no.4, pp.381-383, 2015 (Journal Indexed in SCI Expanded)
- XIV. **Are introduced gibel carp *Carassius gibelio* in Turkey more invasive in artificial than in natural waters?**
Tarkan A. S. , Copp G. H. , Top N., Ozdemir N., Onsoy B., Bilge G., Filiz H., Yapici S., EKMEKÇİ F. G. , Kirankaya S. G. , et al.
FISHERIES MANAGEMENT AND ECOLOGY, vol.19, no.2, pp.178-187, 2012 (Journal Indexed in SCI)
- XV. **Circumstantial evidence of gibel carp, *Carassius gibelio*, reproductive competition exerted on native fish species in a mesotrophic reservoir**
Tarkan A. S. , Gaygusuz O., Gaygusuz C. G. , Sac G., Copp G. H.
FISHERIES MANAGEMENT AND ECOLOGY, vol.19, no.2, pp.167-177, 2012 (Journal Indexed in SCI)

- XVI. **Length-weight relationships of six freshwater fishes from small streams flowing into Lake Sapanca, NW Turkey**
Tarkan A. S. , Oezulug M., Gaygusuz O., Gaygusuz C. G. , Sac G.
JOURNAL OF APPLIED ICHTHYOLOGY, vol.25, no.2, pp.230-231, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Growth and Feeding Ecology of Dnieper chub *Petroleuciscus borysthenicus* (Kessler, 1859) in Şahinkaya Reservoir, an Artificial Water Body of an Island Ecosystem (Gökçeada, Turkey)**
Ağdamar S., Saç G.
Journal of advanced research in natural and applied sciences (Online), vol.8, no.1, pp.76-85, 2022 (National Refreed University Journal)
- II. **Feeding of *Barbus cyclolepis* Heckel, 1837 (Teleostei: Cyprinidae) and its relationship with benthic macroinvertebrate fauna in the Istranca Stream (İstanbul, Turkey)**
Saç G., Dökümcü N., Özuluğ O., Özuluğ M.
Ege Journal of Fisheries and Aquatic Sciences, vol.38, no.3, pp.345-353, 2021 (Journal Indexed in ESCI)
- III. **In Memory of Fahire Battalgazi; Bringing Back a Fish Collection to Life**
Gaygusuz Ö., Özuluğ M., Gürsoy Gaygusuz Ç., Dorak Z., Saç G., Serezli E. E.
Turkish Journal of Bioscience and Collections, vol.5, no.1, pp.12-21, 2021 (International Refereed University Journal)
- IV. **Pressure of Urbanisation on the Fish Community Structure in Küçük Menderes River Basin (Turkey)**
Saç G., Gaygusuz Ö., Dorak Z., Köker Demo L., Aydın F., Akçaalan Albay R., Albay M.
Turkish Journal of Water Science and Management, vol.5, no.1, pp.40-58, 2021 (Refereed Journals of Other Institutions)
- V. **Length-weight and length-length relationships of three endemic freshwater fish species from Anatolia, Turkey**
Saç G., Özuluğ M.
Natural and Engineering Sciences, vol.6, no.1, pp.53-59, 2021 (International Refereed University Journal)
- VI. **Invasive fish threat in Manyas Lake (Turkey)**
Saç G., Gaygusuz Ö., Ertürk A.
Biological Diversity and Conservation, vol.13, no.2, pp.115-120, 2020 (International Refereed University Journal)
- VII. **Food overlap between *Vimba vimba* (L., 1758) and *Scardinius erythrophthalmus* (L., 1758) in Büyükçekmece Reservoir (Turkey)**
Saç G.
Turkish Journal of Bioscience and Collections, vol.4, no.1, pp.14-19, 2020 (International Refereed University Journal)
- VIII. **New Localities and Length-Weight Relationship for *Alburnus caeruleus* in the Euphrates and Tigris River Basins (Turkey)**
Sac G.
AQUATIC SCIENCES AND ENGINEERING, vol.35, no.4, pp.105-109, 2020 (Journal Indexed in ESCI)
- IX. **Relationships between Body Size, Weight and Fecundity of the Endangered Fish *Alburnus carinatus* Battalgi, 1941 in the Manyas Lake (Turkey)**
Sac G., Gaygusuz O.
AQUATIC SCIENCES AND ENGINEERING, vol.35, no.1, pp.27-30, 2020 (Journal Indexed in ESCI)
- X. **İstanbul İli (Türkiye) Tatlısu Balık Faunası**
Özuluğ M., Saç G.
Turkish Journal of Bioscience and Collections, vol.3, no.1, pp.19-36, 2019 (International Refereed University Journal)
- XI. **A NEW LOCALITY FOR THE ENDEMIC *Gobio sakaryaensis* TURAN, EKMEKÇİ, LUSKOVA & MENDEL, 2012 IN THE MARMARA REGION (TURKEY) AND THE LENGTH-WEIGHT RELATIONSHIP OF THE**

SPECIES

Saç G., Gaygusuz Ö., Gürsoy Gaygusuz Ç., Özuluğ M.

Aquatic Research, vol.2, no.1, pp.36-40, 2019 (Refereed Journals of Other Institutions)

- XII. **Fish fauna of Yildiz Mountains (North-Eastern Thrace, Turkey)**
SARI H. M. , İLHAN A., Saç G., Ozulug M.
SU URUNLERI DERGISI, vol.36, no.1, pp.65-73, 2019 (Journal Indexed in ESCI)
- XIII. **İstanbul Üniversitesi Fen Fakültesi Hidrobiyoloji Müzesi Balık Koleksiyonu Tip Örnekleri Kataloğu**
Özuluğ M., Saç G.
Turkish Journal of Bioscience and Collections, vol.2, no.1, pp.44-50, 2018 (International Refereed University Journal)
- XIV. **New data on distribution of three invasive freshwater fish species in İstanbul**
Saç G., Özuluğ M.
Acta Biologica Turcica, vol.30, no.1, pp.11-15, 2017 (International Refereed University Journal)
- XV. **BALIK BARIYERLERİNE BİR ÖRNEK: BÜYÜKÇEKMECE BARAJI (İSTANBUL)**
Saç G., Özuluğ M.
TURKISH JOURNAL OF AQUATIC SCIENCES, vol.32, no.2, pp.96-101, 2017 (Journal Indexed in ESCI)
- XVI. **Büyükçekmece Rezervuarı (İstanbul, Türkiye)'ndaki Bazı Balık Türlerinin Boy-Ağırlık ve Boy-Boy İlişkileri ile Kondisyon Faktörleri**
Saç G., Okgerman H.
LIMNOFISH-Journal of Limnology and Freshwater Fisheries Research, vol.2, no.1, pp.43-48, 2016 (International Refereed University Journal)
- XVII. **THE OCCURRENCE OF *Ligula intestinalis* IN ITS FISH HOST *Rutilus rutilus* (L.) AND THE EFFECTS OF PARASITE ON THE FISH GROWTH (BÜYÜKÇEKMECE RESERVOIR, TURKEY)**
Saç G., Serezli E. E. , Okgerman H.
Journal of Aquaculture Engineering and Fisheries Research, vol.2, no.3, pp.142-150, 2016 (International Refereed University Journal)
- XVIII. **Resettlement of *Atherina boyeri* Risso, 1810 in Büyükçekmece Reservoir (İstanbul, Turkey)**
Saç G., Aydoğan K., Özuluğ O., Özuluğ M.
FishTaxa, vol.1, pp.27-28, 2016 (Refereed Journals of Other Institutions)
- XIX. **REOCCURRENCE OF A COMMERCIAL EURYHALINE FISH SPECIES, *Atherina boyeri* Risso, 1810 (*Atherinidae*) IN BÜYÜKÇEKMECE RESERVOIR (İSTANBUL, TURKEY)**
Saç G., Gaygusuz Ö., Tarkan A. S.
Journal of Aquaculture Engineering and Fisheries Research, vol.1, no.4, pp.203-208, 2015 (Refereed Journals of Other Institutions)
- XX. **Growth and reproduction of a non-native fish species *Carassius gibelio* (Bloch, 1782) from Büyükçekmece Lake (İstanbul, Turkey)**
Saç G., Okgerman H.
IUFES Journal of Biology, vol.74, no.1, pp.1-12, 2015 (International Refereed University Journal)
- XXI. **FIVE NEW RECORDS FOR THE FISH FAUNA OF DURUSU LAKE BASIN (İSTANBUL)**
Saç G., Özuluğ M.
Journal of FisheriesSciences.com, vol.8, no.4, pp.291-297, 2014 (Refereed Journals of Other Institutions)
- XXII. **İSTİLACI ÖZELLİKTEKİ *Gambusia holbrooki*, *Carassius gibelio* ve *Pseudorasbora parva* (Teleostei) TÜRLERİ İÇİN TÜRKİYE'DEN YENİ YAYILIM ALANLARI**
Özuluğ M., Saç G., Gaygusuz Ö.
İ.Ü. Journal of Fisheries & Aquatic Sciences, vol.28, pp.1-22, 2013 (International Refereed University Journal)
- XXIII. **BÜYÜKÇEKMECE REZERVUARI (İSTANBUL)'NDA YAŞAYAN *Clupeonella cultriventris* (NORDMANN, 1840)'İN BAZI BİYOLOJİK ÖZELLİKLERİ**
Saç G.
Istanbul University Journal of Fisheries & Aquatic Sciences, vol.27, pp.23-33, 2012 (International Refereed University Journal)
- XXIV. **BIOMETRIC RELATIONSHIP BETWEEN BODY SIZE AND BONE LENGTHS OF *Carassius gibelio* and**

Rutilus frisii from IZNIK LAKE

Gürsoy Gaygusuz Ç., Gaygusuz Ö., Tarkan A. S. , Acıpnar H., Saç G.

Journal of FisheriesSciences.com, vol.2, no.2, pp.146-152, 2008 (Refereed Journals of Other Institutions)

Supported Projects

Ertürk A., Albay M., Akçaalan Albay R., Dorak Z., Gaygusuz Ö., Gürevin C., Arslangündođdu Z., Dalkıran N., TUBITAK Project, Development of an Integrated Ecosystem Modelling Based Decision Support System for Management of Manyas Lake Watershed, 2018 - 2022

Gaygusuz Ö., Gürsoy Gaygusuz Ç., Ağdamar S., Özuluğ M., Doğaç E., Acar Ü., Saç G., Project Supported by Higher Education Institutions, Gökçeada İçsu Balık Faunasının Belirlenmesi, 2019 - 2021