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International Researcher IDs

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyoloji/Hidrobiyoloji, Turkey 2010 - 2016

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyoloji/Hidrobiyoloji, Turkey 2007 - 2010

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji, Turkey 2002 - 2007

Dissertations

Doctorate, İstilacı Bir Balık Türü *Gambusia holbrooki* ile Endemik Bir Balık Türü *Aphanius transgrediens*'in Acıgöl (Denizli-Afyon) Kaynaklarındaki Yaşam Döngüleri, Besin Rekabeti ve Habitat Kullanımları, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Hidrobiyoloji (Dr), 2016

Postgraduate, Dişlisazancık - *Aphanius danfordii* (Boulenger, 1890)'nin Hirfanlı Baraj Gölü'ndeki Kırşehir-Türkiye) popülasyonunun üreme ve büyüme özelliklerinin belirlenmesi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Hidrobiyoloji (YI) (Tezli), 2010

Research Areas

Life Sciences, Hydrobiology, Fresh-Water Biology, Natural Sciences

Academic Titles / Tasks

Associate Professor, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 2008 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Quantifying Invasiveness Risk of Non-Native Freshwater Fishes in South Korea Under a Changing Climate**
YOĞURTÇUOĞLU B., Tarkan A. S., Vilizzi L.
FISHERIES MANAGEMENT AND ECOLOGY, 2024 (SCI-Expanded)
- Economic costs of non-native species in Türkiye: A first national synthesis**
Tarkan A. S., BAYÇELEBİ E., Giannetto D., Özden E. D., Yazlık A., EMİROĞLU Ö., AKSU S., ULUDAĞ A., Aksoy N., BAYTAŞOĞLU H., et al.

Journal of Environmental Management, vol.358, 2024 (SCI-Expanded)

- III. **Biological invasions are a population-level rather than a species-level phenomenon**
Haubrock P. J., Soto I., Ahmed D. A., Ansari A. R., Tarkan A. S., KURTUL I., Macedo R. L., Lazaro-Lobo A., Toutain M., Parker B., et al.
GLOBAL CHANGE BIOLOGY, no.5, 2024 (SCI-Expanded)
- IV. **Development and application of a second-generation multilingual tool for invasion risk screening of non-native terrestrial plants**
Vilizzi L., Piria M., Pietraszewski D., Giannetto D., Flory S. L., Herczeg G., Sermenli H. B., Britvec M., Jukoniene I., Petrulaitis L., et al.
Science of the Total Environment, vol.917, 2024 (SCI-Expanded)
- V. **Luciobarbus lydianus and L. kottelati, two synonyms of L. graecus (Teleostei: Cyprinidae)**
Freyhof J., YOĞURTÇUOĞLU B.
Zootaxa, vol.5415, no.3, pp.466-476, 2024 (SCI-Expanded)
- VI. **Turcinoemacheilus ekmeckiae, a new dwarf loach from upper Tigris and Euphrates (Teleostei: Nemacheilidae)**
KAYA C., YOĞURTÇUOĞLU B., AKSU İ., BAYÇELEBİ E., TURAN D.
Journal of Fish Biology, vol.104, no.1, pp.227-239, 2024 (SCI-Expanded)
- VII. **Taming the terminological tempest in invasion science**
Soto I., Balzani P., Carneiro L., Cuthbert R. N., Macêdo R., Serhan Tarkan A., Ahmed D. A., Bang A., Bacela-Spychalska K., Bailey S. A., et al.
Biological Reviews, 2024 (SCI-Expanded)
- VIII. **Two new freshwater blennies from the Eastern Mediterranean basin (Teleostei: Blenniidae)**
YOĞURTÇUOĞLU B., KAYA C., Atalay M. A., EKMEKÇİ F. G., Freyhof J.
Zootaxa, vol.5311, no.1, pp.85-104, 2023 (SCI-Expanded)
- IX. **Coupling molecular and risk analysis to investigate the origin, distribution and potential impact of non-native species: an application to ruffe *Gymnocephalus cernua* in Turkey**
Tarkan A. S., Emiroglu O., Aksu S., Baskurt S., Aksu I., Vilizzi L., Yogurtcuoglu B.
EUROPEAN ZOOLOGICAL JOURNAL, vol.89, no.1, pp.102-114, 2022 (SCI-Expanded)
- X. **Development and application of a multilingual electronic decision-support tool for risk screening non-native terrestrial animals under current and future climate conditions**
Vilizzi L., Piria M., Pietraszewski D., Kopecky O., Spelic I., Radocaj T., Sprem N., Ta K. A. T., Tarkan A. S., Weiperth A., et al.
NEOBIOTA, vol.76, pp.211-236, 2022 (SCI-Expanded)
- XI. **Revision of the *Oxynoemacheilus angorae* group with the description of two new species (Teleostei: Nemacheilidae)**
YOĞURTÇUOĞLU B., KAYA C., Freyhof J.
ZOOTAXA, vol.5133, no.4, pp.451-485, 2022 (SCI-Expanded)
- XII. **A preliminary analysis of the population genetic parameters indicates critically low genetic variation in a threatened killifish (*Anatolichthys transgrediens*)**
Yoğurtçuoğlu B., Yılmaz M., Ekmekçi F. G., Özsoy E. D.
JOURNAL OF APPLIED ICHTHYOLOGY, vol.38, no.1, pp.28-33, 2022 (SCI-Expanded)
- XIII. **Editorial: Understanding the Impact and Invasion Success of Aquatic Non-native Species: How They Interact With Novel Environments and Native Biota**
Tarkan A. S., YOĞURTÇUOĞLU B., Karachle P. K., Kalogianni E., Top Karakuş N., Tricarico E.
Frontiers in Ecology and Evolution, vol.9, 2021 (SCI-Expanded)
- XIV. **A global-scale screening of non-native aquatic organisms to identify potentially invasive species under current and future climate conditions**
Vilizzi L., Copp G. H., Hill J. E., Adamovich B., Aislabie L., Akin D., Al-Faisal A. J., Almeida D., Azmai M. N. A., Bakiu R., et al.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.788, 2021 (SCI-Expanded)
- XV. ***Oxynoemacheilus nasreddini*, a new nemacheilid loach from Central Anatolia (Teleostei:**

Nemacheilidae)

Yoğurtçuoğlu B., Kaya C., Freyhof J.

ZOOTAXA, vol.4974, no.1, pp.135-150, 2021 (SCI-Expanded)

- XVI. **Oxynoemacheilus isauricus, a new nemacheilid loach from Central Anatolia (Teleostei: Nemacheilidae)**
YOĞURTÇUOĞLU B., KAYA C., OZULUG M., FREYHOF J.
ZOOTAXA, vol.4975, no.2, pp.369-378, 2021 (SCI-Expanded)
- XVII. **Oxynoemacheilus sarus, a new nemacheilid loach from the lower Ceyhan and Seyhan in southern Anatolia (Teleostei: Nemacheilidae)**
Freyhof J., YOĞURTÇUOĞLU B., KAYA C.
ZOOTAXA, vol.4964, no.1, pp.123-139, 2021 (SCI-Expanded)
- XVIII. **The discovery of a microbialite-associated freshwater fish in the world's largest saline soda lake, Lake Van (Turkey)**
Akku M., Sar M., EKMEKÇİ F. G., YOĞURTÇUOĞLU B.
ZOOSYSTEMATICS AND EVOLUTION, vol.97, no.1, pp.181-189, 2021 (SCI-Expanded)
- XIX. **Oxynoemacheilus amanos, a new nemacheilid loach from the Orontes River drainage (Teleostei: Nemacheilidae)**
Kaya C., YOĞURTÇUOĞLU B., Freyhof J.
ZOOTAXA, vol.4938, no.5, pp.559-570, 2021 (SCI-Expanded)
- XX. **A review and assessment of fish trophic levels in a large reservoir of central Anatolia, Turkey**
Yoğurtçuoğlu B., Ekmekçi F. G., Karachle P. K.
MARINE AND FRESHWATER RESEARCH, vol.72, pp.311-320, 2021 (SCI-Expanded)
- XXI. **Risk of invasiveness of non-native aquatic species in the eastern Mediterranean region under current and projected climate conditions**
Tarkan A. S., Tricarico E., Vilizzi L., Bilge G., Ekmekci F. G., Filiz H., Giannetto D., Ilhan A., Killi N., Kirankaya S. G., et al.
EUROPEAN ZOOLOGICAL JOURNAL, vol.88, no.1, pp.1130-1143, 2021 (SCI-Expanded)
- XXII. **A standardised analytical framework for sampling fish communities: relevance to Turkish riverine ecosystems**
Vilizzi L., Tarkan A. S., YOĞURTÇUOĞLU B.
TURKISH JOURNAL OF ZOOLOGY, vol.45, no.3, pp.241-256, 2021 (SCI-Expanded)
- XXIII. **Mapping the Establishment and Invasiveness Potential of Rainbow Trout (*Oncorhynchus mykiss*) in Turkey: With Special Emphasis on the Conservation of Native Salmonids**
YOĞURTÇUOĞLU B., Bucak T., EKMEKÇİ F. G., KAYA C., TARKAN A. S.
FRONTIERS IN ECOLOGY AND EVOLUTION, vol.8, 2021 (SCI-Expanded)
- XXIV. **A proposal for a new generic structure of the killifish family Aphaniidae, with the description of *Aphaniops teimorii* (Teleostei: Cyprinodontiformes)**
Freyhof J., YOĞURTÇUOĞLU B.
Zootaxa, vol.4810, no.3, pp.421-451, 2020 (SCI-Expanded)
- XXV. **The influence of environmental instability on the reproductive strategy of the critically endangered Acigol killifish (*Aphanius transgrediens*)**
YOĞURTÇUOĞLU B., Uyan U., EKMEKÇİ F. G.
JOURNAL OF FISH BIOLOGY, vol.97, no.1, pp.246-256, 2020 (SCI-Expanded)
- XXVI. **Freshwater fishes of the Anatolian Midwestern Black Sea basin**
Yoğurtçuoğlu B., Kaya C., Freyhof J.
ICHTHYOLOGICAL EXPLORATION OF FRESHWATERS, vol.30, no.2, pp.111-130, 2020 (SCI-Expanded)
- XXVII. **Revision of the genus *Seminemacheilus*, with the description of three new species (Teleostei: Nemacheilidae)**
YOĞURTÇUOĞLU B., Kaya C., Geiger M. F., Freyhof J.
ZOOTAXA, vol.4802, no.3, pp.477-501, 2020 (SCI-Expanded)
- XXVIII. **One of the world's worst invasive species, *clarias batrachus* (Actinopterygii: Siluriformes: Clariidae), has arrived and established a population in Turkey**

- EMİROĞLU Ö., Atalay M. A., EKMEKÇİ F. G., AKSU S., Başkurt S., KESKİN E., ÜNAL E., YOĞURTÇUOĞLU B., Tarkan A. S. *Acta Ichthyologica et Piscatoria*, vol.50, no.4, pp.391-400, 2020 (SCI-Expanded)
- XXIX. **Simultaneous reproduction of two killifish congeners in the highly alkaline Lake Salda (Turkey)**
YOĞURTÇUOĞLU B.
MARINE AND FRESHWATER RESEARCH, vol.70, no.11, pp.1633-1642, 2019 (SCI-Expanded)
- XXX. **First application in Turkey of the European Non-native Species in Aquaculture Risk Analysis Scheme to evaluate the farmed non-native fish, striped catfish *Pangasianodon hypophthalmus***
Tarkan A. S., YOĞURTÇUOĞLU B., EKMEKÇİ F. G., Clarke S. A., Wood L. E., Vilizzi L., Copp G.
Fisheries Management and Ecology, 2019 (SCI-Expanded)
- XXXI. **Feeding ecology of the KA +/- zA +/- lA +/- rnak toothcarp, *Aphanius marassantensis*: ontogenetic shift and seasonal diet variation**
YOĞURTÇUOĞLU B., Kirankaya S. G., Gencoglu L., EKMEKÇİ F. G.
ENVIRONMENTAL BIOLOGY OF FISHES, vol.101, no.10, pp.1493-1502, 2018 (SCI-Expanded)
- XXXII. **The first record of *Garra kemali* (Teleostei: Cyprinidae) from the Black Sea basin with a re-description of the species**
YOĞURTÇUOĞLU B., EKMEKÇİ F. G., BEKTAŞ Y., AKSU İ., TURAN D.
Ichthyological Exploration of Freshwaters, vol.28, no.3, pp.281, 2018 (SCI-Expanded)
- XXXIII. ***Aphanius irregularis*, a new killifish from south-western Anatolia (Cyprinodontiformes: Aphaniidae)**
YOĞURTÇUOĞLU B., Freyhof J.
ZOOTAXA, vol.4410, no.2, pp.319-330, 2018 (SCI-Expanded)
- XXXIV. **FIRST RECORD OF THE GIANT PANGASIUS, PANGASIUS SANITWONGSEI (ACTINOPTERYGII: SILURIFORMES: PANGASIIDAE), FROM CENTRAL ANATOLIA, TURKEY**
YOĞURTÇUOĞLU B., EKMEKÇİ F. G.
ACTA ICHTHYOLOGICA ET PISCATORIA, vol.48, no.3, pp.241-244, 2018 (SCI-Expanded)
- XXXV. **Feeding Properties of the Translocated Marine Fish Sand Smelt *Atherina boyeri* Risso, 1810 (Atherinidae) in a Freshwater Reservoir**
GENÇOĞLU L., KIRANKAYA Ş. G., YOĞURTÇUOĞLU B., EKMEKÇİ F. G.
ACTA ZOOLOGICA BULGARICA, pp.131-138, 2017 (SCI-Expanded)
- XXXVI. **New Records of Kizilirmak Toothcarp, *Aphanius marassantensis* from Central Yesilirmak River Basin (Turkey)**
YOĞURTÇUOĞLU B., EKMEKÇİ F. G.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.17, no.1, pp.205-208, 2017 (SCI-Expanded)
- XXXVII. **Variation in Life History and Feeding Ecology of the Invasive Eastern Mosquitofish, *Gambusia holbrooki* Girard, 1859 (Poeciliidae), in a Groundwater-dependent Wetland in Turkey**
YOĞURTÇUOĞLU B., EKMEKÇİ F. G.
ACTA ZOOLOGICA BULGARICA, pp.117-130, 2017 (SCI-Expanded)
- XXXVIII. **Length-weight and length-length relationships for three endemic *Pseudophoxinus* species in Turkey**
Yogurtcuoglu B., Atalay M. A., Ekmekci F. G.
JOURNAL OF APPLIED ICHTHYOLOGY, vol.32, no.3, pp.495-496, 2016 (SCI-Expanded)
- XXXIX. **A new species of *Pseudophoxinus* (Teleostei: Cyprinidae) from Southwestern Anatolia, Turkey**
EKMEKÇİ F. G., ATALAY M. A., YOĞURTÇUOĞLU B., TURAN D., Kucuk F.
ZOOTAXA, vol.4033, no.1, pp.117-128, 2015 (SCI-Expanded)
- XL. **Length-weight and length-length relationships of eight endemic *Aphanius* species from Turkey**
YOĞURTÇUOĞLU B., EKMEKÇİ F. G.
JOURNAL OF APPLIED ICHTHYOLOGY, vol.31, no.4, pp.811-813, 2015 (SCI-Expanded)
- XLI. **Life-history traits of *Aphanius danfordii* (Boulenger, 1890) (Pisces: Cyprinodontidae), endemic to Kizilirmak Basin (Turkey)**
YOĞURTÇUOĞLU B., EKMEKÇİ F. G.
JOURNAL OF APPLIED ICHTHYOLOGY, vol.29, no.4, pp.866-871, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **THREATENED FISHES OF THE WORLD: Cobitis levantina Krupp & Moubayed, 1992 (Cobitidae)**
EKMEKÇİ F. G., YOĞURTÇUOĞLU B.
Croatian Journal of Fisheries, vol.72, no.4, pp.181-182, 2014 (Scopus)
- II. **TÜRKİYE İÇSULARINDAKİ İSTİLACI BALIKLARIN GÜNCEL DURUMU VE İSTİLANIN ETKİLERİNİN DEĞERLENDİRİLMESİ**
EKMEKÇİ F. G., Kirankaya Ş. G., Gençoğlu L., YOĞURTÇUOĞLU B.
İstanbul Üniversitesi Su Ürünleri Dergisi, vol.28, pp.105-140, 2014 (Peer-Reviewed Journal)
- III. **CONDITION, LENGTH-WEIGHT AND LENGTH-LENGTH RELATIONSHIPS FOR FIVE FISH SPECIES FROM HIRFANLI RESERVOIR, TURKEY**
Kirankaya Ş. G., EKMEKÇİ F. G., Yalçın-Özdilek Ş., YOĞURTÇUOĞLU B., Gençoğlu L.
journal of fisheries.com, vol.8, no.3, pp.208-213, 2014 (Peer-Reviewed Journal)
- IV. **First Attempt at Conservation of a Critically Endangered Cyprinodontid in Turkey**
YOĞURTÇUOĞLU B., EKMEKÇİ F. G.
Journal of Biological & Environmental Sciences, vol.24, no.8, pp.159-163, 2014 (Peer-Reviewed Journal)
- V. **Threatened fishes of the world: Aphanius transgrediens Ermin, 1946 (Cyprinodontidae) Ugrožene vrste riba u svijetu: Aphanius transgrediens Ermin, 1946 (Cyprinodontidae)**
YOĞURTÇUOĞLU B., EKMEKÇİ F. G.
Ribarstvo, Croatian Journal of Fisheries, vol.72, no.4, pp.186-187, 2014 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

- I. **Use of Ecohydrological Approach in Controlling Invasive Species: A Case Study in Acıgöl Groundwater Dependent Ecosystem**
EKMEKÇİ M., YOĞURTÇUOĞLU B., EKMEKÇİ F. G., AÇIKEL Ş.
Joint ESENIAS and DIAS Scientific Conference 2022 and 11th ESENIAS Workshop, Antalya, Turkey, 13 - 15 November 2022

Supported Projects

YOĞURTÇUOĞLU B., KARACHLE P., Project Supported by Higher Education Institutions, Türkiye Tatlısu Balıklarının Trofik Düzeylerinin Belirlenmesi, 2018 - 2019

YOĞURTÇUOĞLU B., Project Supported by Higher Education Institutions, 7. ESENIAS Çalıştayı Katılımı, 2017 - 2018

EKMEKÇİ F. G., YOĞURTÇUOĞLU B., Project Supported by Higher Education Institutions, İSTİLACI BİR BALIK TÜRÜ GAMBUSIA HOLBROOKI İLE ENDEMİK BİR BALIK TÜRÜ APHANIUS TRANSGREDIENSİN ACIGÖL DENİZLİAFYON KAYNAKLARINDAKİ YAŞAM DÖNGÜLERİ BESİN REKABETİ VE HABİTAT KULLANIMLARI, 2016 - 2017

EKMEKÇİ F. G., YILMAZ M., YOĞURTÇUOĞLU B., Project Supported by Higher Education Institutions, Kritik Düzeyde Tehlike Altındaki Endemik Aphanius transgrediens Türünün Popülasyon Genetiğinin İncelenmesi, 2016 - 2017

YOĞURTÇUOĞLU B., Other International Funding Programs, Re Introduction and Re Inforcement of a Critically Endangered Killifish Aphanius transgrediens Challenge Against Extinction Rufford Small Grants Conservation Project, 2015 - 2016

YOĞURTÇUOĞLU B., Other International Funding Programs, Conservation of a Critically Endangered Endemic Killifish Aphanius transgrediens Living in a Sensitive and Invaded Habitat in Turkey, 2013 - 2014

Metrics

Publication: 47

Citation (WoS): 400

Citation (Scopus): 401

H-Index (WoS): 10

H-Index (Scopus): 10

Non Academic Experience

Hacettepe Üniversitesi