LEMBAR
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU *PEER REVIEW*
KARYA ILMIAH : JURNAL ILMIAH TERINDEKS SCOPUS

Judul Karya Ilmiah/Artikel	:	Population Dynamics Of Yellowfin Tuna Thunnus Albacares (Bonnaterre, 1788) In The Fisheries Management Area 573 Of The Indian Ocean		
Jumlah Penulis	:	6 (enam)		
Status Pengusul		Penulis pertama/ ~~penulis ke 3~~/ Penulis Korespondensi		
Penulis Karya Ilmiah	:	**Abdul Ghofar***, Suradi W. Saputra , Agus Sabdono , Anhar Solichin , Wiwiet T. Taufani, Sigit Febrianto		
Identitas Karya Ilmiah	a.	Nama jurnal	:	Croatian Journal of Fisheries
	b.	No. ISSN	:	1848-0586
	c.	Vol, No, Bln, Thn	:	Vol.79 issue 2, Halaman 53-60 Tahun 2021,
	d.	Penerbit	:	University of Zagreb Faculty of Agriculture
	e.	DOI Artikel (Jika ada)	:	10.2478/cjf-2021-0006
		URL Artikel	:	https://ribarstvo.agr.hr/articles/774534_DINAMIKA_POPULACIJE_UTOPERAJNE_TUNE_Thunnus_albacares_(BONNATERRE_1788)_U_PODRU_JU_RIBARSKOG_UPRAVLJANJA_573_INDIJSKOG_OCEANA_hr.pdf
	f.	Alamat Web Jurnal	:	https://ribarstvo.agr.hr/volumes.php?lang=en&search=Vol%3A79+Num%3A2
	g.	Terindeks di	:	SCOPUS, Q4 SJR: 0.19

Kategori Publikasi Jurnal Ilmiah : (beri ✓ pada kategori yang tepat)

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- [ ] Jurnal Ilmiah Nasional Tidak Terakreditasi
- [ ] Jurnal Ilmiah Nasional Terakreditasi terindeks di SINTA,DOAJ, CABI, Copernicus

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Total = (100%)				38.3
Nilai Pengusul :	0,6 X 38,3 = 22,98			

Catatan Penilaian Paper oleh Reviewer:
Artikel ditulis dengan baik. Meski bagian introduction pendek, sdh kurang menjelaskan status penangkapan tuna di area 573, namun bagian2 lain ditulis dengan baik. Metode cukup sedangkan hasil dipaparkan dengan baik. Kajian sesuai keahlian Pengusul. Kajian juga sangat penting untuk melengkapi data perikanan tangkap Tuna. Pembahasan bagus dan mendalam dengan membandingkan status perikanan Tuna di berbagai WPP maupun area penangkapan Tuna. Uji similaritas 12% ; tidak ada indikasi plagiasi (sorce kemiripan 1%). Kebaruan ~~tinggi~~ baik dgn sumber 10th terakhir >50% kebanyakan
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Reviewer 1

Prof. Dr. Ir. Diah Permata Wijayanti, M.Sc.
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	f.	Alamat Web Jurnal	:	https://ribarstvo.agr.hr/volumes.php?lang=en&search=Vol%3A79+Num%3A2
	g.	Terindeks di	:	SCOPUS, Q4 SJR: 0.19

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c. Kecukupan dan kemutahiran data/informasi dan metodologi (30%)	12			~~11,5~~ 11
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- Kualitas penerbit dg jurnal scopus Q4 dg SJR = 0,19

Semarang, ..20...Mei...2021
Reviewer 2

Prof. Dr. Aristi Dian Purnama Fitri, S.Pi., M.Si.
NIP. 197310021998032001

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Population dynamics of Yellowfin Tuna Thunnus albacares (Bonnaterre, 1788) in the fisheries management area 573 of the Indian Ocean

Ghofar A.[a], Saputra S.W.[a], Sabdono A.[b], Solichin A.[a], Taufani W.T.[a], Febrianto S.[a]

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Abstract

Author keywords

SciVal Topics

Abstract

Yellowfin tuna Thunnus albacares is one of the major species of tuna caught in the Fisheries Management Area (FMA) 573 of the Indian Ocean. Its production contributed to 35.83% of the total production of tuna in 2013. The study was conducted to assess the population dynamics of this species in FMA 573, based on length-frequency data collected in 2013-2017, and was analysed using FiSAT II software. The results obtained show length-weight relationship of $W = 0.000052\ FL^{2.78}$, negative allometric growth and growth equation of $Lt = 194.25\ (1\text{-}e^{-0.51}\ (t + {}^{0.1889}))$. The length at first capture was estimated at 140 cm FL. Recruitment season occurs between July and September, with a peak in August. The rate of total mortality (Z) was 2.32 yr^{-1}, including natural mortality rate (M) of 0.69 yr^{-1} and fishing mortality rate (F) of 1.63 yr^{-1}. The exploitation rates of yellowfin tuna were estimated to be 0.70, indicating that it has exceeded the optimum exploitation rate (E = 0.5) and that overexploitation had occurred. There is an obvious need for consistent monitoring and surveillance of fishing fleet, type and size of fishing gear, as well as the fish size and quantity of the catch. © 2021 Author(s).

Author keywords

Effort distribution; Exploitation rate; FMA Growth pattern; Length-weight relationship; Mortality rate

SciVal Topics

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Population Dynamics of Yellowfin Tuna Thunnus albacares (Bonnaterre, 1788) in the Fisheries Management Area 573 of the Indian Ocean

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Agus Sabdono,
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Sustainable Operational Analysis of the Cultivation of Indonesian Thunnus albacares by Bioeconomic Approach

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Detection and Confirmation of Freshwater Blenny Salaria fluviatilis (Actinopterygii: Blenniidae) in Bosnia and Herzegovina

Pero Tutman and
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New Distribution Data for Prussian Carp Carassius gibelio (Bloch 1782) in the Middle Black Sea Region of Turkey

Serdar Yedier,
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NEW DISTRIBUTION DATA FOR PRUSSIAN CARP *Carassius gibelio* (BLOCH 1782) IN THE MIDDLE BLACK SEA REGION OF TURKEY

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Keywords:
Invasive fish
Carassius gibelio
Distribution data
Middle Black Sea

ABSTRACT

In this study, the new occurrence of *Carassius gibelio* belonging to the genus *Carassius* in Ulugöl Plateau Pond (Mesudiye-Ordu, Turkey) and Perşembe Plateau Pond (Aybastı-Ordu, Turkey) in the Middle Black Sea Region (Turkey) is reported. The distribution data of Prussian carp was updated in the Middle Black Sea Region of Turkey in comparison to the previously known data. Presenting morphological data of samples collected from two different areas in the Middle Black Sea Region may contribute to revealing the current distribution status of this invasive species and determining the potential distribution areas.

How to Cite

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SUSTAINABLE OPERATIONAL ANALYSIS OF THE CULTIVATION OF INDONESIAN *Thunnus albacares* BY BIOECONOMIC APPROACH

Mimit Primyastanto*, Rizky Agung Lestariadi, Ade Khadar Haris

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ARTICLE INFO

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Keywords:
Maximum sustainable yield
Maximum economic yield
Tuna resource
Economic overfishing
Biological overfishing

ABSTRACT

This study aimed to describe the characteristics and cultivation conditions of *Thunnus albacares* in Pelabuhan Perikanan Pantai (PPP, shore-port fisheries) of Labuhan Lombok, East Lombok. Data was collected by a simple random sample using a questionnaire for 30 fishing boats. Primary data was collected by interview with respondents and field observation, while secondary data was obtained from records of PPP in Labuhan Lombok, BPS and DKP, East Lombok. Results showed that East Lombok has a high potential for *T. albacares* cultivation as well as eco-friendly fishery cultivation; this is practiced by local fishermen who commonly use traditional boats sized 4-7 GT complete with fishing utilities, including handline rods and trolling rods. From a biological aspect, there was open access to *T. albaceros* in 2006, followed by biological overfishing in 2007, and economic overfishing in 2005, 2008, 2009, 2010 and 2011. The maximum sustainable yield (MSY) reached 922,518.18 kg per year (MSY level 3,313 per year). The resource optimization of *T. albaceros* reached the peak of maximum economic yield (MEY) valued at IDR 24,693,982,361, with fish haul efforts from 2,063 annual trips yielding 791,270.90 kg of tuna per year.

How to Cite

Primyastanto, M., Lestariadi, R. A., Haris, A. K. (2021): Sustainable operational analysis of the cultivation of Indonesian *Thunnus albacares* by bioeconomic approach. Croatian Journal of Fisheries, 79, 61-70. DOI: 10.2478/cjf-2021-0007.

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DETECTION AND CONFIRMATION OF FRESHWATER BLENNY *Salaria fluviatilis* (ACTINOPTERYGII: BLENNIIDAE) IN BOSNIA AND HERZEGOVINA

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Biodiversity
Management
Adriatic Sea watershed
Update check-lists

ABSTRACT

Distributional range of freshwater blenny *Salaria fluviatilis* extends to the tributaries along the Mediterranean and Black seas. It is considered endangered in several Mediterranean European countries. Although previously mentioned in the lists of freshwater fish species, its presence has never before been confirmed in Bosnia and Herzegovina. Consequently, this has led to doubts about its distribution there. A sample specimen of freshwater blenny was obtained from the lower Neretva River (Adriatic Sea watershed) in Bosnia and Herzegovina in May 2020, representing the first reliable record of this species. Considering that this record confirms older reports, however, it seems that earlier surveys have failed to locate the fish. Knowledge of the composition of fish species in river basins and updating their list are among the important requirements for managing the biodiversity of each country, as well as water and fish resources.

How to Cite

Tutman, P., Glamuzina, B. (2021): Detection and confirmation of freshwater blenny *Salaria fluviatilis* (ACTINOPTERYGII: BLENNIIDAE) in Bosnia and Herzegovina. Croatian Journal of Fisheries, 79, 75-82. DOI: 10.2478/cjf-2021-0009.