

ANNALES

Anali za istrske in mediteranske študije
Annali di Studi istriani e mediterranee
Annals for Istrian and Mediterranean Studies
Series Historia Naturalis, 32, 2022, 1





ANNALES

Anali za istrske in mediteranske študije
Annali di Studi istriani e mediterranei
Annals for Istrian and Mediterranean Studies

Series Historia Naturalis, 32, 2022, 1

ISSN 1408-533X
e-ISSN 2591-1783

UDK 5

Letnik 32, leto 2022, številka 1

**UREDNIŠKI ODBOR/
COMITATO DI REDAZIONE/
BOARD OF EDITORS:**

Alessandro Acquavita (IT), Nicola Bettoso (IT), Christian Capapé (FR), Darko Darovec, Dušan Devetak, Jakov Dulčić (HR), Serena Fonda Umani (IT), Andrej Gogala, Daniel Golani (IL), Danijel Ivajnskič, Mitja Kaligarič, Marcelo Kovačič (HR), Andrej Kranjc, Lovrenc Lipej, Vesna Mačič (ME), Alenka Malej, Patricija Mozetič, Martina Orlando-Bonaca, Michael Stachowitsch (AT), Tom Turk, Al Vrezec

**Glavni urednik/Redattore capo/
Editor in chief:**

Darko Darovec

**Odgovorni urednik naravoslovja/
Redattore responsabile per le scienze
naturali/Natural Science Editor:**

Lovrenc Lipej

Urednica/Redattrice/Editor:

Martina Orlando-Bonaca

Prevajalci/Traduttori/Translators:

Martina Orlando-Bonaca (sl./it.)

**Oblikovalec/Progetto grafico/
Graphic design:**

Dušan Podgornik, Lovrenc Lipej

Tisk/Stampa/Print:

Založništvo PADRE d.o.o.

Izdajatelj/Editori/Published by:

Zgodovinsko društvo za južno Primorsko - Koper / Società storica del Litorale - Capodistria®

Inštitut IRRIS za raziskave, razvoj in strategije družbe, kulture in okolja / Institute IRRIS for Research, Development and Strategies of Society, Culture and Environment / Istituto IRRIS di ricerca, sviluppo e strategie della società, cultura e ambiente®

**Sedež uredništva/Sede della redazione/
Address of Editorial Board:**Nacionalni inštitut za biologijo, Morska biološka postaja Piran / Istituto nazionale di biologia, Stazione di biologia marina di Pirano / National Institute of Biology, Marine Biology Station Piran
SI-6330 Piran / Pirano, Fornače/Fornace 41, tel.: +386 5 671 2900, fax +386 5 671 2901;
e-mail: annales@mbss.org, **internet:** www.zdjp.si

Redakcija te številke je bila zaključena 30. 06. 2022.

**Sofinancirajo/Supporto finanziario/
Financially supported by:**

Javna agencija za raziskovalno dejavnost Republike Slovenije (ARRS) in Mestna občina Koper

Annales - Series Historia Naturalis izhaja dvakrat letno.

Naklada/Tiratura/Circulation:

300 izvodov/copie/copies

Revija Annales, Series Historia Naturalis je vključena v naslednje podatkovne baze / La rivista Annales, series Historia Naturalis è inserita nei seguenti data base / Articles appearing in this journal are abstracted and indexed in: BIOSIS-Zoological Record (UK); Aquatic Sciences and Fisheries Abstracts (ASFA); Elsevier B.V.: SCOPUS (NL); Directory of Open Access Journals (DOAJ).

To delo je objavljeno pod licenco / Quest'opera è distribuita con Licenza / This work is licensed under a Creative Commons BY-NC 4.0.



Navodila avtorjem in vse znanstvene revije in članki so brezplačno dostopni na spletni strani <https://zdjp.si/en/p/annalesshn/>
The submission guidelines and all scientific journals and articles are available free of charge on the website <https://zdjp.si/en/p/annalesshn/>
Le norme redazionali e tutti le riviste scientifiche e gli articoli sono disponibili gratuitamente sul sito <https://zdjp.si/en/p/annalesshn/>



VSEBINA / INDICE GENERALE / CONTENTS 2022(1)

SREDOZEMSKI MORSKI PSI
SQUALI MEDITERRANEI
 MEDITERRANEAN SHARKS

Farid HEMIDA, Christian REYNAUD & Christian CAPAPÉ

Observations on Thresher Shark, *Alopias vulpinus* (Chondrichthyes: Alopiidae) from the Coast of Algeria (Southwestern Mediterranean Sea) 1
Opazovanja morskih lisic, Alopias vulpinus (Chondrichthyes: Alopiidae) ob alžirski obali (jugozahodno Sredozemsko morje)

Elif ÖZGÜR ÖZBEK & Hakan KABASAKAL

Notes on Smoothback Angel Shark, *Squatina oculata* (Squatiniiformes: Squatinidae) caught in the Gulf of Antalya 9
Zapis o pegastih sklatih, Squatina oculata (Squatiniiformes: Squatinidae), ujetih v Antalijskem zalivu

Alessandro PAGANO & Alessandro DE MADDALENA

Underwater Observations of the Rare Angular Roughshark *Oxynotus centrina* (Chondrichthyes: Squalidae) in the Waters of Santa Tecla (Sicily, Italy) 17
Podvodna opazovanja redkega morskega prašiča, Oxynotus centrina (Chondrichthyes: Squalidae) v vodah Sante Tecele (Sicilija, Italija)

Deniz ERGÜDEN, Deniz AYAS & Hakan KABASAKAL

Morphometric Measurements of Three Young Carcharhinid Species from Northeastern Levant (Mediterranean Sea) 25
Morfometrične meritve mladičev treh vrst morskih psov iz družine Carcharhinidae iz severnovzhodnega Levanta (Sredozemsko morje)

Hakan KABASAKAL

Projections on the Future of Deep-Sea Sharks in the Sea of Marmara, Where Deep Zones Are Threatened by Deoxygenation: a Review 35
Napovedi o prihodnosti globomorskih morskih psov v Marmarskem morju, ogroženem zaradi pomanjkanja kisika: pregled

BIOINVAZIJA

BIOINVASIONE

BIOINVASION

Alan DEIDUN, Bruno ZAVA & Maria CORSINI-FOKA

Distribution Extension of *Lutjanus argentimaculatus* (Lutjanidae) and *Psenes pellucidus* (Nomeidae) to the Waters of Malta, Central Mediterranean Sea 49
Širjenje areala vrst Lutjanus argentimaculatus (Lutjanidae) in Psenes pellucidus (Nomeidae) v malteške vode (osrednje Sredozemsko morje)

Sami M. IBRAHIM, Abdulrazziq A. ABDULRAZIQ, Abdulghani ABDULGHANI, Sara A.A. AL MABRUK, David SALVATORI, Bruno ZAVA, Maria CORSINI-FOKA & Alan DEIDUN

First Record of *Enchelycore anatina* (Muraenidae) from Libyan Waters and an Additional Record from Southern Italy (Western Ionian Sea) 59
Prvi zapis o pojavljanju kavljazobe murene Enchelycore anatina (Muraenidae) iz libijskih voda in dodatni zapis za južno Italijo (zahodno Jonsko morje)

Rasha Ali HENEISH & Samir Ibrahim RIZKALLA

Morphometric and Meristic Characteristics of a New Record of Bluespot Mullet *Crenimugil seheli* (Pisces: Mugilidae) in Egyptian Mediterranean waters 67
Novi zapis o pojavljanju vrste Crenimugil seheli (Pisces: Mugilidae) v egiptovskih sredozemskih vodah in njene morfolometrične in meristične značilnosti

Yana SOLIMAN, Adib SAAD, Vienna HAMMOUD & Christian CAPAPÉ

Heavy Metal Concentrations in Tissues of *Siganus rivulatus* (Siganidae) from the Syrian Coast (Eastern Mediterranean Sea) 75
Vsebnost težkih kovin v tkivih marmoriranega morskega kunca Siganus rivulatus (Siganidae) iz sirske obale (vzhodno Sredozemsko morje)

IHTIOLOGIJA
 ITTIOLOGIA
 ICHTHYOLOGY

Jihade ALAHYENE, Brahim CHIAHOU, Hammou EL HABOUZ & Abdelbasset BEN-BANI

Length Based Growth Estimation of the Blue Shark *Prionace glauca* from the Moroccan Central Atlantic Coast 85
Dolžinsko-masni odnos in ocena rasti pri sinjem morskem psu (Prionace glauca) iz osrednje atlantske obale Maroka

Okan AKYOL, Altan LÖK & Funda ERDEM

Occurrence of *Cubiceps gracilis* (Nomeidae) in the Eastern Mediterranean Sea 101
Pojavljanje klateža, Cubiceps gracilis (Nomeidae), v vzhodnem Sredozemskem morju

Farid HEMIDA, Boualem BRAHMI, Christian REYNAUD & Christian CAPAPÉ

Occurrence of the Rare Driftfish *Cubiceps gracilis* (Nomeidae) from the Algerian Coast (Southwestern Mediterranean Sea) 107
Pojavljanje redkega klazeža Cubiceps gracilis (Nomeidae) z alžirske obale (jugozahodno Sredozemsko morje)

Deniz ERGÜDEN & Cemal TURAN

A Rare Occurrence of *Carapus acus* (Carapidae) in the Eastern Mediterranean, Turkey 113
Redko pojavljanje strmorinca Carapus acus (Carapidae) v vzhodnem Sredozemskem morju (Turčija)

Laith JAWAD, Murat ŞIRIN, Miloslav PETRTÝL, Ahmet ÖKTENER, Murat ÇELİK & Audai QASIM

Skeletal Abnormalities in Four Fish Species Collected from the Sea of Marmara, Turkey 119
Skeletne anomalije pri štirih vrstah rib iz Marmarskega morja (Turčija)

RAZMNOŽEVALNA EKOLOGIJA
 ECOLOGIA RIPRODUTTIVA
 REPRODUCTIVE ECOLOGY

Amaria Latefa BOUZIANI, Khaled RAHMANI, Samira AIT DARNA, Alae Eddine BELMAHI, Sihem ABID KACHOUR & Mohamed BOUDERBALA

Gonadal Histology in *Diplodus vulgaris* from the West Algerian Coast 137
Histologija gonad pri navadnem šparu (Diplodus vulgaris) iz zahodne alžirske obale

Cheikhna Yero GANDEGA, Nassima EL OMRANI, Rezan O. RASHEED, Mohammed RAMDANI & Roger FLOWER

The Growth and Reproduction of Two Sparidae, *Pagrus caeruleostictus* and *Pagellus bellottii* in Northern Mauritanian Waters (Eastern Tropical Atlantic) 143
Rast in razmnoževanje dveh vrst pagrov, Pagrus caeruleostictus in Pagellus bellottii v severnih mavretanskih vodah (vzhodni tropski Atlantik)

Nassima EL OMRANI, Hammou EL HABOUZ, Abdellah BOUHAIMI, Jaouad ABOU OUALID, Abdellatif MOUKRIM, Jamila GOUZOU, Mohammed RAMDANI, Roger FLOWER & Abdelbasset BEN-BANI

The Reproductive Biology of the Pouting *Trisopterus luscus* from the Atlantic Coast of Morocco 155
Reproduktivna biologija francoskega moliča (Trisopterus luscus) iz atlantske obale Maroka

Mourad CHÉRIF, Rimel BENMESSAOUD & Christian CAPAPÉ

Growth Patterns and Age Structure of *Mullus surmuletus* (Mullidae) from the Northern Coast of Tunisia (Central Mediterranean Sea) 173
Rastni parametri in starostna struktura progastih bradačev Mullus surmuletus (Mullidae) iz severne tunizijske obale (osrednje Sredozemsko morje)

FLORA

FLORA

FLORA

Martina ORLANDO-BONACA, Erik LIPEJ, Romina BONACA & Leon Lojze ZAMUDA

Improvement of the Ecological Status of the *Cymodocea nodosa* Meadow near the Port of Koper 185
Izboljšanje ekološkega stanja morskega travnika kolenčaste cimodoceje (Cymodocea nodosa) v bližini kopskega pristanišča

FAVNA

FAVNA

FAVNA

Manja ROGELJA, Martin VODOPIVEC & Alenka MALEJ

Cestum veneris Lesueur, 1813 (Ctenophora) – a Rare Guest in the Northern Adriatic Sea 197
Cestum veneris Lesueur, 1813 (Ctenophora) – redek gost v severnem Jadranu

Adla KAHRIĆ, Dalila DELIĆ & Dejan KULIJER

Notospermus annulatus (Nemertea: Lineidae), a New Record for Bosnia and Herzegovina 205
Notospermus annulatus (Nemertea: Lineidae), prvi zapis o pojavljanju za Bosno in Hercegovino

Andrea LOMBARDO & Giuliana MARLETTA

Report of an Interesting *Trapania* (Gastropoda: Nudibranchia: Goniodorididae) Specimen from Central Eastern Sicily 211
Zapis o zanimivem primerku iz rodu Trapania (Gastropoda: Nudibranchia: Goniodorididae) iz osrednje vzhodne Sicilije

Abdelkarim DERBALI & Othman JARBOUI

Stock Assessment, Cartography and Sexuality of the Wedge Clam *Donax trunculus* in the Gulf of Gabes (Tunisia) 217
Ocena staleža, kartografija in spolnost klinaste školjke Donax trunculus v gabeškem zalivu (Tunizija)

Abdelkarim DERBALI, Aymen HADJ TAIEB & Othman JARBOUI

Length-Weight Relationships and Density of Bivalve Species in the Shellfish Production Area of Zarzis (Tunisia, Central Mediterranean Sea) 229
Dolžinsko-masni odnos in gostota školjk na gojišču školjk v predelu Zarsisa (Tunizija, osrednje Sredozemsko morje)

Toni KOREN

The Diversity of Moths (Lepidoptera: Heterocera) of Significant Landscape Donji Kamenjak and Medulin Archipelago, Istria, Croatia 237
Raznolikost nočnih metuljev (Lepidoptera: Heterocera) Pomembne pokrajine Donji Kamenjak in Medulinski arhipelag, Istra, Hrvaška

OCENE IN POROČILA

RECENSIONI E RELAZIONI

REVIEWS AND REPORTS

Ines Mandić Mulec & Nives Ogrinc

Recenzija knjige: Mikrobn biogeokemija vod 263

Kazalo k slikam na ovitku 265

Index to images on the cover 265

received: 2022-04-04

DOI 10.19233/ASHN.2022.12

OCCURRENCE OF THE RARE DRIFTFISH *CUBICEPS GRACILIS* (NOMEIDAE) FROM THE ALGERIAN COAST (SOUTHWESTERN MEDITERRANEAN SEA)

Farid HEMIDA & Boualem BRAHMI

École Nationale Supérieure des Sciences de la Mer et de l'Aménagement du Littoral (ENSSMAL), BP 19, Bois des Cars, 16320 Dely Ibrahim, Algiers, Algeria

Christian REYNAUD

Laboratoire Interdisciplinaire en Didactique, Education et Formation, Université de Montpellier, 2, place Marcel Godechot, B.P. 4152, 34092 Montpellier cedex 5, France

Christian CAPAPÉ

Laboratoire d'Ichtyologie, Université de Montpellier, 34095 Montpellier cedex 5, France
e-mail: capape@univ-montp2.fr

ABSTRACT

The authors report the capture of a specimen of driftfish, *Cubiceps gracilis*, from the Algerian coast. The present specimen was a female measuring 655 mm in total length (TL) and weighing 1580 g in total body weight. Its description includes some morphometric measurements and meristic counts. This is the first specimen of the species to have been captured in at least 50 years, confirming that it is a rare species in this area. *C. gracilis* is an oceanic epipelagic and mesopelagic species generally inhabiting deep bottoms, and is poorly exploited, due also to its low economic value.

Key words: *Cubiceps gracilis*, Mediterranean Sea, distribution, habitat, description

PRESENZA DEL RARO CENTROLOFO ALALUNGA *CUBICEPS GRACILIS* (NOMEIDAE) LUNGO LA COSTA ALGERINA (MEDITERRANEO SUD-OCCIDENTALE)

SINTESI

Gli autori riportano la cattura di un esemplare di centrolofo alalunga, *Cubiceps gracilis* lungo la costa algerina. Si tratta di una femmina che misurava 655 mm di lunghezza totale (TL) e pesava 1580 g di peso corporeo totale. La sua descrizione include alcune misure morfometriche e conteggi meristici. Questo è il primo esemplare della specie ad essere stato catturato negli ultimi 50 anni, a conferma del fatto che si tratta di una specie rara in quest'area. *C. gracilis* è una specie oceanica epipelagica e mesopelagica che generalmente vive su fondali profondi, ed è poco sfruttata, anche a causa del suo basso valore economico.

Parole chiave: *Cubiceps gracilis*, Mediterraneo, distribuzione, habitat, descrizione

INTRODUCTION

The driftfish *Cubiceps gracilis* (Lowe, 1843) is a semi-cosmopolitan species found on both sides of the Atlantic (Agafonova & Kukuev, 1990). It is known from the eastern Atlantic coast of Canada (Scott & Scott, 1988), along the eastern Atlantic shores from northern areas to Mauritania, in waters surrounding the Azores, the Canaries and the Madeira Islands (Haedrich, 1986), and downwards as far as the South African coast (Haedrich, 1990).

C. gracilis had been previously reported as only inhabiting the western Mediterranean Basin (Haedrich, 1986) and being uncommon in the Italian seas (Tortonese, 1975; Relini *et al.*, 2017). However, later records have extended its distribution eastward to the Adriatic Sea (Dulčić, 2002), the Aegean Sea (Filiz *et al.*, 2007) and the Levant Basin (Golani *et al.*, 2006).

The species is unknown in the Maghreb shore, off the Tunisian coast (Bradai *et al.*, 2004; Rafrafi-Nouira, 2016), but it occurs off the Algerian coast (Dieuzeide *et al.*, 1954; Refes *et al.*, 2010) and in the Moroccan coast (Lloris & Rucabado, 1998). Routine monitoring conducted throughout the Algerian coast for the past two decades at least and the assistance of experienced fishermen yielded the information that a specimen of *C. gracilis* had been captured in the area. The present paper gives a short description of the specimen, including main morphometric measurements and meristic counts, as well as commenting on the real status of the species in the area and the wider Mediterranean Sea.

MATERIAL AND METHODS

A specimen of *C. gracilis* was captured on 28 April 2009 off Sidi-Fredj, located 30 west of Algiers (36°77' N and 02°84' E). It was caught by a bottom

Tab. 1: Morphometric measurements in mm and as a percentages of total length (%TL), meristic counts and weight in gram recorded in the specimen of *Cubiceps gracilis* collected off the Algerian coast.

Tab. 1: Morfometrične meritve v mm in kot delež dolžine telesa (%TL), meristična štetja in teža primerka klateža, ujetega ob alžirski obali.

Morphometric measurements	Size (mm)	Proportion (TL%)
Total length (TL)	655	100.0
Furk length (FL)	565	86.2
Standard length	525	80.1
Body height	160	24.4
Head length	143	21.8
Pre-first dorsal length	175	26.7
Eye diameter	31	4.7
Meristic counts		
First dorsal fin rays	XI	
Second dorsal fin rays	I + 26	
Anal fin	III + 21	
Pectoral fin	23	
Number of gill rakers	23	
Total body weight (g)	1580	

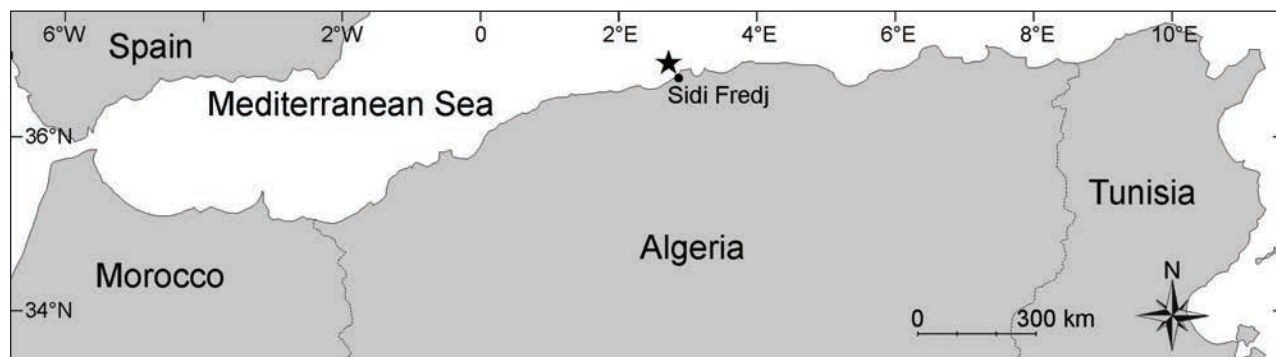


Fig. 1: Map of the Algerian coast with black star indicating the capture site of *Cubiceps gracilis*.
Sl. 1: Zemljevid alžirske obale z označeno lokaliteto ulova klateža (*Cubiceps gracilis*).

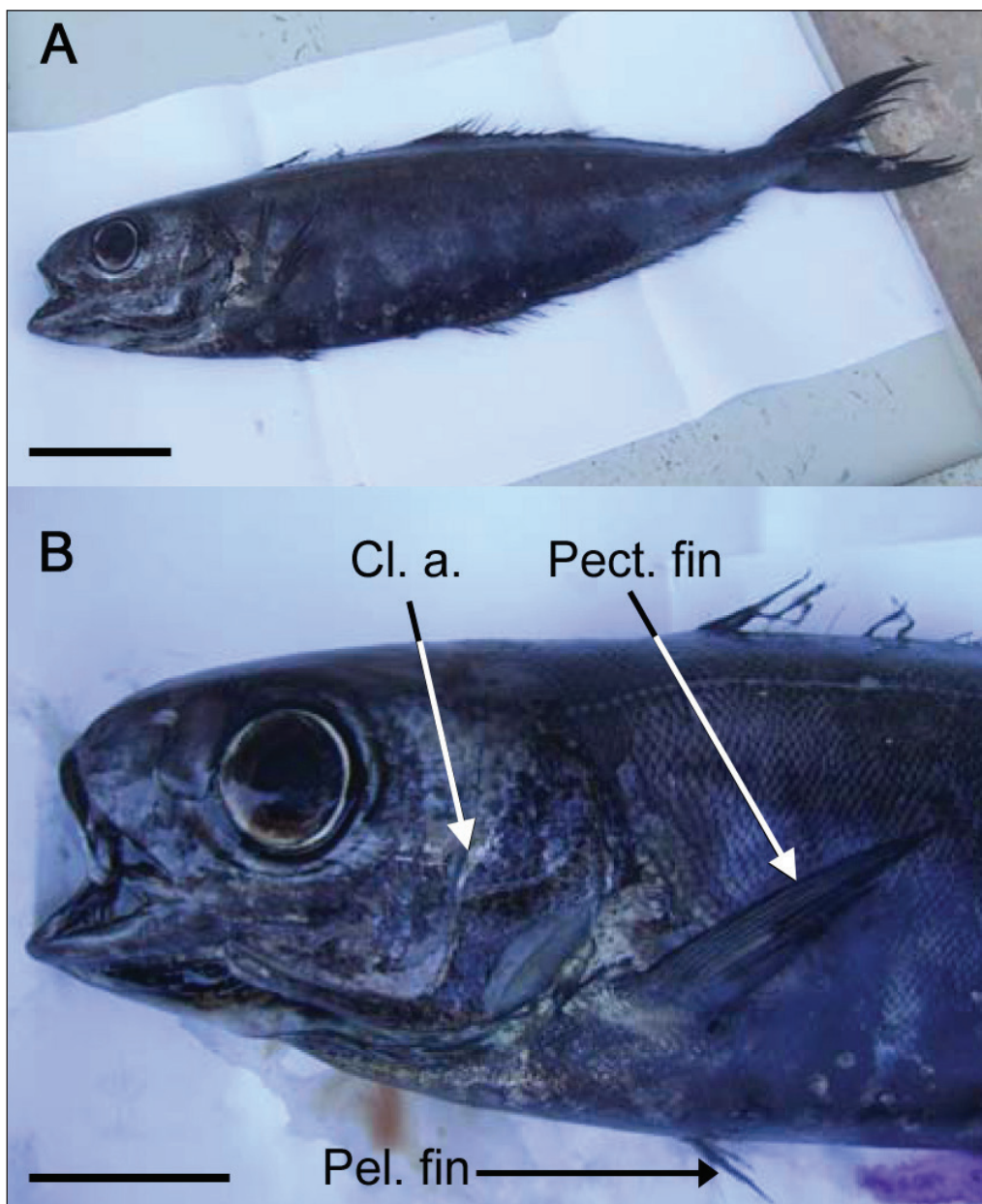


Fig. 2: A. *Cubiceps gracilis* collected from the Algerian coast, scale bar = 100 mm. B. Head of the specimen, Cl. A.: clear area, Pect. fin: pectoral fin, Pel. fin: pelvic fin, scale bar = 50 mm. Sl. 2: A. Primerek klateža, ulovljen ob alžirski obali, merilo = 100 mm. B. Glava primerka, CL: predel brez lusk, Pect. Fin: prsna plavut, Pel. Fin: trebušna plavut, merilo = 50 mm.

longline at a depth of 150 m approximately, on sandy-rocky substrate. The specimen was measured to the nearest millimetre and weighed to the nearest gram. Morphometric measurements and meristic counts, carried out in the fish market, are presented in Table 1. Unfortunately, the specimen was photographed but not delivered to our laboratory as it was immediately sold by the fisherman who had caught it.

RESULTS AND DISCUSSION

The present specimen measured 655 mm in total length (TL) and weighed 1580 g in total body weight (Fig. 2A). It was a female identified as *C. gracilis* via the combination of the following main morphological characters: body elongated and compressed, caudal fin forked, head and eye large, mouth small reaching back to the vertical of the

anterior of the eye, small single-row conical teeth in both jaws, pectoral fin long and wing-like, the origin of pelvic fins behind pectoral fin base (Fig. 2B), minute and very deciduous scales covering the body and the head almost to the posterior nostril, colour purple brown, fins blackish, small clear areas on the opercular.

The description of the species, including morphological characters, colour and morphometric measurements (see Tab. 1) is in total accordance with Tortonese (1975), Butler (1979), Haedrich, (1986), Quéro *et al.* (2003), Golani *et al.* (2006) and Filiz *et al.* (2007). This finding confirms the occurrence of *C. gracilis* in Algerian waters.

Haedrich (1986) considered *C. gracilis* to be an oceanic epipelagic and mesopelagic species, however, Golani *et al.* (2006) noted that there were individuals of this species caught in the Bay of Antalya, Turkey, using deep water bottom trawl. Filiz *et al.* (2007) reported additional captures of specimens the Aegean Sea, more specifically, Sigacik Bay, Turkey, in fishing grounds located at a depth between 150 and 473 m.

The first records of this species in Algerian waters were of 2 specimens caught in 1950, and a single specimen in 1952, all during the month of April. Refes *et al.* (2010) speculated on the presence of the species in the area, probably based on

a literature review, but no specimen was available for confirmation. It appears that the occurrence of *C. gracilis* had not been reported from the Algerian Basin for several decades, six at least. Analogously, since the record of the present specimen, to our knowledge, no subsequent capture of the species has been made in the area, where it could therefore be considered as very rare.

Previous reports of the species show that large specimens were mostly captured in deep waters. Those bottoms are in general poorly exploited by fishermen, but the species is not particularly targeted also because it has a low commercial value. Misidentification with other closely related species cannot be totally ruled out either.

Dulčić (2002) notes that large specimens are rather difficult to capture due to their size and agility that enables them to avoid most nets; conversely, our specimen was caught by a bottom long line. Dulčić (2002) concluded that both distribution and status of *C. gracilis* in the Adriatic Sea should be evaluated carefully and on a continuous basis. Relini *et al.* (2017) pointed to the lack of data on the species despite the fact that it occurs throughout the Italian seas; this lack of data also prevents the determination of the real status of *C. gracilis* in the rest of the Mediterranean Sea, including Algerian waters, where the species is still poorly known.

POJAVLJANJE REDKEGA KLAZEŽA *CUBICEPS GRACILIS* (NOMEIDAE) Z ALŽIRSKE OBALE (JUGOZAHODNO SREDOZEMSKO MORJE)

Farid HEMIDA & Boualem BRAHMI

École Nationale Supérieure des Sciences de la Mer et de l'Aménagement du Littoral (ENSSMAL), BP 19, Bois des Cars, 16320 Dely Ibrahim, Algiers, Algeria

Christian REYNAUD

Laboratoire Interdisciplinaire en Didactique, Education et Formation, Université de Montpellier, 2, place Marcel Godechot, B.P. 4152, 34092 Montpellier cedex 5, France

Christian CAPAPÉ

Laboratoire d'Ichtyologie, Université de Montpellier, 34095 Montpellier cedex 5, France
e-mail: capape@univ-montp2.fr

POVZETEK

Avtorji poročajo o ulovu primerka klateža (*Cubiceps gracilis*) z alžirske obale. Bila je samica, ki je v dolžino merila 655 mm in tehtala 1580 g telesne teže. Avtorji podajajo nekatere morfometrične meritve in meristična štetja. Gre za prvi primerek, ki je bil ujet v zadnjih petdesetih letih, kar potrjuje dejstvo, da gre za redko vrsto na tem območju. Klatež je oceanska epipelagična in mezopelagična vrsta, ki se običajno pojavlja v večjih globinah in je zaradi majhne ekonomske vrednosti slabo izkoriščena.

Ključne besede: *Cubiceps gracilis*, Sredozemsko morje, razširjenost, habitat, opis

REFERENCES

- Agafonova, T.B. & E.I. Kukuev (1990):** New data on the distribution of *Cubiceps gracilis* Lowe, 1843. J. Ichthyol., 30(6), 1028-1031.
- Bradai, M.N., J.P. Quignard, A. Bouaïn, O. Jarboui, A. Ouannes-Ghorbel, L. Ben Abdallah, J. Zaouali & S. Ben Salem (2004):** Ichtyofaune autochtone et exotique des côtes tunisiennes: recensement et biogéographie. Cybium, 28(4), 315-328.
- Butler, J.L. (1979):** The nomeid genus *Cubiceps* (Pisces) with a description of a new species. Bull. Mar. Sci., 29(2), 226-241.
- Dieuzeide, R., M. Novella & J. Roland (1954):** Catalogue des poissons des côtes algériennes. Volume 2: Ostéoptérygiens. Bull. Sta. Aquic. Pêch., Castiglione, nouvelle série, 5, 1-258.
- Dulčić, J. (2002):** New additional records of *Cubiceps gracilis* (Lowe, 1843) (Pisces, Nomeidae) in the eastern Atlantic. Acta. Adriat., 43(2), 93-96.
- Filiz, H., E. Irmak, S.C. Akcinar & E. Uluturk (2007):** The driftfish, *Cubiceps gracilis* (Lowe, 1843) (Pisces) (Nomeidae): a new record for the Aegean Sea. Rapp. Comm. int. mer Médit., 38, 476.
- Golani, D., M.Gökoglu & O. Güven (2006):** Two new records of deep water fish species from the eastern Mediterranean. JMBA 2-Biodiversity records. Published online (<http://www.mba.ac.uk/jmba/jmba2biodiversityrecords.php?5541>).
- Haedrich, R.L. (1986):** Nomeidae. In: P.J.P. Whitehead, M.L. Bauchot, J.C. Hureau, J. Nielsen J. & E. Tortonese. (eds.), pp. 1183-1188. Fishes of the North-eastern Atlantic and the Mediterranean, Vol II, UNESCO, Paris.
- Haedrich, R.L. (1990):** Nomeidae. In: J.C. Quéro, J.C. Hureau, C. Karrer, A. Post & L. Saldanha (Editors), pp. 1014-1018. Check-list of the fishes of the eastern tropical Atlantic, Vol. II, UNESCO, Paris.
- Lloris, D. & J. Rucabado (1998):** Guide FAO d'identification des espèces pour les besoins de la pêche. Guide d'identification des ressources marines vivantes pour le Maroc. FAO, Rome, 263 pp.
- Quéro, J.C., P. Porché & J.J. Vayne (2003):** Guide des poissons de l'Atlantique européen. Les Guides du naturaliste. Delachaux & Niestlé: Lonay (Switzerland)-Paris, 465pp.
- Rafrafi-Nouira, S. (2016):** Catalogue raisonné des espèces de poissons capturées devant Ras Jebel et autres régions marines de Tunisie septentrionale: aspects morphologiques, biométriques et bio-écologiques. Thesis, Faculty of Sciences of Bizerte, University of Carthage (Tunisia), 509 pp.
- Refes, W., N. Semahi, M. Boulahdid & J.-P. Quignard (2010):** Inventaire de la faune ichthyologique du secteur oriental de la côte algérienne (El Kala; Skikda; Jijel; Bejaïa). Rapp. Comm. inter. mer Médit., 39, 646.
- Relini, G., L. Tunesi, M. Vacchi, F. Andaloro, G. D'Onghia, F. Fiorentino, F. Garibaldi, L. Orsi Relini, F. Serena & R. Silvestri (2017):** *Cubiceps gracilis*. IUCN, comitato italiano. <http://www.IUCN.org>. Downloaded on 4 April 2022.
- Scott, W.B. & M.G. Scott (1988):** Atlantic fishes of Canada. Can. Bull. Fish. Aquat. Sci., 219, 1-731.
- Tortonese, E. (1975):** Fauna d'Italia, Vol. XI. Osteichthyes (Pesci ossei). Parte seconda. Calderini, Bologna. 636 pp.