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Gobius couchi Miller & El-Tawil, 1974, *Gobius fallax* Sarato, 1889, and *Odondebuena balearica* (Pellegrin & Fage, 1907) are gobiid species, each known to date in the Mediterranean from its northern parts. The specimens of these species from Cyprus, recently found in the Hebrew University of Jerusalem Fish Collection, represent the first records of these species in the Levant. The present findings provide data on the morphology of the Levantine specimens. Identification of *Gobius fallax* is discussed. Total of 23 gobiid species were recorded for this area previously. All recent findings in the Hebrew University of Jerusalem Fish Collection increased the known Levantine gobiid fauna by 17 %. The increase of known gobiid diversity of the Levant, due to the present records, strongly suggests that the low number of species in the Levant is the result of the intensity of work on gobies, and not the low biodiversity of Gobiidae in the southern Mediterranean.

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SADRŽAJ ŽELUCA KRUPNOZUBOG DUPINA (*Ziphius cavirostris*) IZ JADRANSKOG MORA

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Malo je objavljenih podataka o biologiji krupnozubog dupina (Cetacea: Ziphiidae). Prehrana ove dubokomorske vrste u svijetu je poznata samo iz malog broja nasukanih jedinki, koje se rijetko nalaze u Jadranskom moru. U ovom istraživanju pregledali smo i analizirali sadržaj želuca tri jedinke nasukane u hrvatskom Jadranu u razdoblju između 1990. i 2005. godine. Ispitali smo hipotezu da su dubokomorski glavonošci dominantni u prehrani, te da je plijen u želucu ovih dupina ostatak hranjenja kroz duže razdoblje. Ostaci hrane su analizirani i determinirani do vrste korištenjem objavljenih ključeva, a biomasa plijena procijenjena je formulama regresije za svaku vrstu glavonožaca. Ostaci hrane pronađeni su u želucu jedne životinje i sadržavali samo čeljusti glavonožaca. Determinirano je sedam mezopelagičkih i batipelagičkih vrsta iz reda Teuthida s ukupno 94 jedinke. Procijenjena biomasa plijena je 11 kg, a vrste

Octopoteuthis sicula i *Chiroteuthis veranyi* dominiraju u prehrani brojnošću (68.5%) i biomasom (64.5%). Dvije vrste glavonožaca ne nalaze se u popisu faune Jadranskog mora, ali su rasprostranjene u Sredozemnom moru. Rezultati ukazuju da je dio glavonožaca ostatak hranjenja u Sredozemnom moru, ali da se dupin hranio i u Jadranskom moru. Vrste i veličina plijena upućuju da je krupnozubi dupin ronio i hvatao plijen u dubini od 400-1000m u oba područja.

STOMACH CONTENTS OF THE CUVIER'S BEAKED WHALE (*Ziphius cavirostris*) FROM THE ADRIATIC SEA

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Little information exists on the biology of the Cuvier's beaked whale (Cetacea: Ziphiidae). Moreover, the data on the diet is scarce and available only from stranded specimens, which are rarely found in the Adriatic Sea. In this study we examined stomach contents of three individuals stranded in the Croatian Adriatic in the period between 1990 and 2005. We suggested that firstly, stomach contents would be dominated by deep-sea cephalopods and secondly, the food remains would be from several feedings. Hard food remains were analysed and ascribed to species using published guides, and prey biomass and was estimated using regression equations. Food remains were found in one animal, and consisted solely of cephalopod beaks. The total number of cephalopods found was 94, and they belonged to 7 mesopelagic and bathypelagic species of the order Teuthida. Estimated prey biomass was 11 kg, and *Octopoteuthis sicula* and *Chiroteuthis veranyi* dominated both in terms of number (68.5%) and weight (64.5%). Two of the prey species are not listed in the Adriatic cephalopod fauna, but are widely distributed across the Mediterranean Sea. The results imply that the whale had some food remains from feeding in the Mediterranean, but was also foraging in the Adriatic Sea. The prey species and their size suggest that the whale was diving 400-1000 m deep to forage in both areas.

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VARIJABILNOST ŽARNICA U LOVKAMA POLIPA KAMENIH KORALJA *Cladocora caespitosa* (Linnaeus, 1767) i *Balanophyllia europaea*

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