

## REFERENCES (Supp. Info.)

- Abecasis D., Afonso P., Erzini K. 2014. Can small MPAs protect local populations of a coastal flatfish, *Solea senegalensis*? *Fisheries Management and Ecology* 21:175–185. DOI: 10.1111/fme.12061.
- Afonso-Dias I., Reis C., Andrade JP. 2005. Reproductive aspects of *Microchirus azevia* (Risso, 1810) (Pisces: Soleidae) from the south coast of Portugal. *Scientia Marina* 69:275–283.
- Akalin S., Ilhan D. 2013. Age, Growth and Mortality of Rock Gurnard (*Trigloporus lastoviza* (Bonnaterre, 1788)) (Osteichthyes:Triglidae) in İzmir Bay. *The Black Sea Journal of Sciences* 3:47–56.
- Alós J., March D., Palmer M., Grau A., Morales-Nin B. 2011. Spatial and temporal patterns in *Serranus cabrilla* habitat use in the NW Mediterranean revealed by acoustic telemetry. *Marine Ecology Progress Series* 427:173–186.
- Andrade JP. 1990. A importância da Ria Formosa no ciclo biológico de *Solea senegalensis* (Kaup 1858), *Solea vulgaris* (Quensel 1806), *Solea lascaris* (Risso 1810) e *Microchirus azevia* (Capello, 1868). D. Phil. Thesis, Universidade do Algarve.
- Andrade JP. 1998. Age and growth of the bastard sole, *Microchirus azevia* (Capello, 1868) (Pisces, Soleidae) from the south coast of Portugal. *Fisheries Resources* 34:205–208.
- Arslan M., Ismen A. 2013. Age, growth and reproduction of *Mullus surmuletus* (Linnaeus, 1758) in Saros Bay (Northern Aegean Sea). *Journal of the Black Sea / Mediterranean Environment* 19:217–233.
- Baron J. 1985. Les triglides (Téléostéens, Scorpaeniformes) de la baie de Douarnenez. II. La reproduction de: *Eutrigla gurnardus*, *Trigla lucerna*, *Trigloporus lastoviza* et *Aspitrigla cuculus*. *Cybium* 9:255–281.
- Barreiros JP., Rodeia J. 2004. Preliminary results of reproductive aggregations of eagle rays (*Myliobatis aquila*) in a single volcanic cave from the Azores (NE Atlantic). *XI<sup>th</sup> European Congress of Ichthyology*, Tallinn, Estonia. Abstract Volume:129–130.
- Başusta A., Başusta N., Sulikowski JA., Driggers WB., Demirhan SA., Çiçek E. 2012. Length-weight relationships for nine species of batoids from the Iskenderun Bay, Turkey. *Journal of Applied Ichthyology* 28:850–851.

- Biais G., Hennache C., Stephan E., Delamare A. 2014. Mark-recapture abundance estimate of undulate ray in the Bay of Biscay. Working Document WGEF 2014. Lisbon, ICES CM, 10 pp.
- Borges TC., Olim S., Erzini K. 2003. Weight–length relationships for fish species discarded in commercial fisheries of the Algarve (southern Portugal). *Journal of Applied Ichthyology* 19:394–396.
- Cabral H., Catarino AI., Figueiredo J., Garcia J., Henriques M. 2003. Feeding ecology, age, growth and sexual cycle of the Portuguese sole, *Synaptura lusitanica*. *Journal of the Marine Biological Association of the United Kingdom* 83:613–618.
- Carvalho N., Afonso P., Santos RS. 2003. The harem mating system and mate choice in the wide-eyed flounder, *Bothus podas*. *Environmental Biology of Fishes* 66:249–258.
- Coelho R., Erzini K. 2002. Age and growth of the undulate ray *Raja undulata*, in the Algarve (southern Portugal). *Journal of the Marine Biological Association of the United Kingdom* 82:987–990.
- Consalvo I., Scacco U., Romanelli M., Vacchi M. 2007. Comparative study on the reproductive biology of *Torpedo torpedo* (Linnaeus, 1758) and *T. marmorata* (Risso, 1810) in the central Mediterranean Sea. *Scientia Marina* 71:213–222.
- Dinis MT. 1986. Quatre Soleidae de l'Estuaire du Tage: Reproduction et Croissance: Essai d'Élevage de *Solea senegalensis* Kaup 1858. D. Phil. Thesis, Université de Bretagne Occidentale.
- Dorel D. 1986. Poissons de l'Atlantique Nord-Est: relations taille-poids. Institut Français de Recherche pour L'Exploitation de la Mer. Nantes, Rapport IFREMER, 165 pp.
- Dulčić J., Kraljević M. 1996. Weight-length relationships for 40 fish species in the eastern Adriatic (Croatian waters). *Fisheries Resources* 28:243–251.
- Duman OV., Başusta N. 2013. Age and growth characteristics of marbled electric ray *Torpedo marmorata* (Risso 1810) inhabiting Iskenderun Bay, north-eastern Mediterranean Sea. *Turkish Journal of Fisheries and Aquatic Sciences* 13:541–549.
- Filiz H., Bilge G. 2004. Length–weight relationships of 24 fish species from the North Aegean Sea, Turkey. *Journal of Applied Ichthyology* 20:431–432.
- Fischer W., Schneider M., Bauchot ML. 1987. *Guide FAO d'identification des espèces pour les besoins de la pêche. Méditerranée et Mer Noire (Zone de Pêche 37)*. Volume II: Vertébrés. Rome: FAO.

- Froese R., Pauly D. eds. 2017. FishBase. [www.fishbase.org](http://www.fishbase.org)
- García-Díaz MM., Tuset VM., González JA., Socorro J. 1997. Sex and reproductive aspects in *Serranus cabrilla* (Osteichthyes: Serranidae): macroscopic and histological approaches. *Marine Biology* 127:379–386.
- Gharbi H, Ktari MH. 1981. Croissance des rougets en Tunisie. *Bulletin de l'Institut national scientifique et technique d'océanographie et de pêche de Salammbô* 8:5–40.
- Gonçalves JMS., Bentes L., Lino PG., Ribeiro J., Canário AVM., Erzini K. 1997. Weight-length relationships for selected fish species of the small-scale demersal fisheries of the south and south-west coast of Portugal. *Fisheries Resources* 30:253–256.
- Goosen AJJ., Smale MJ. 1997. A preliminary study of age and growth of the smooth-hound shark *Mustelus mustelus* (Triakidae). *South African Journal of Marine Science* 18:85–91.
- Gordo LS., Neves A., Vieira AR., Paiva RB., Sequeira V. 2016. Age, growth and mortality of the comber *Serranus cabrilla* (Linnaeus, 1758) in the Eastern Atlantic. *Marine Biology Research* 12:656–662.
- Hunter E., Buckley AA., Stewart C., Metcalfe JD. 2005. Migratory behaviour of the thornback ray, *Raja clavata*, in the southern North Sea. *Journal of the Marine Biological Association of the United Kingdom* 85:1095–1105.
- ICES. 2012. Report of the Working Group on the Assessment of Demersal Stocks in the North Sea and Skagerrak (WGNSSK). Copenhagen, ICES CM 2012/ACOM:13, 1346 pp.
- ICES, 2013. Report of the Working Group on Elasmobranch Fishes (WGEF). Lisbon, ICES CM 2013/ACOM:19, 637 pp.
- İlkyaz AT., Metin G., Soykan O., Kınacıgil HT. 2017. Age, growth, and reproduction of Mediterranean scaldfish, *Arnoglossus laterna* (Actinopterygii: Pleuronectiformes: Bothidae), in the east-central Aegean Sea. *Acta Ichthyologica et Piscatoria* 47:53–61.
- Ismen A., Ismen P., Basusta N. 2004. Age, Growth and Reproduction of Tub Gurnard (*Chelidonichthys lucerna* L. 1758) in the Bay of Iskenderun in the Eastern Mediterranean. *Turkish Journal of Veterinary and Animal Sciences* 28:289–295.

- Ismen A., Ozen O., Altinagac U., Ozekinci U., Ayaz A. 2007. Weight–length relationships of 63 fish species in Saros Bay, Turkey. *Journal of Applied Ichthyology* 23:707–708.
- Jrad LB., Fehri-Bedoui R., Slama SB., Hassine OKB., 2010. Reproduction et régime alimentaire de *Trigloporus lastoviza* (Triglidae) dans le golfe de Tunis (Méditerranée occidentale). *Cybium* 34:353–65.
- Kadri H., Marouani S., Bradai MN., Bouain A., Morize E. 2014a. Age, Growth, Mortality, Longevity and Reproductive Biology of the White Skate, *Rostroraja alba* (Chondrichthyes: Rajidae) of the Gulf of Gabes (Southern Tunisia, Central Mediterranean). *Turkish Journal of Fisheries and Aquatic Sciences* 14:193–204.
- Kadri H., Marouani S., Bradai MN., Bouain A., Morize E. 2014b. Age, growth and length-weight relationship of the white skate, *Rostroraja alba* (Linnaeus, 1758) (Chondrichthyans: Rajidae), from the Gulf of Gabes (Tunisia, Central Mediterranean). *Journal of Coastal Life Medicine* 2:421–425.
- Korta M., García D., Santurtún M., Goikoetxea N., Andonegi E., Murua H., Álvarez P., Cerviño S., Castro J., Murillas A. 2015. European hake (*Merluccius merluccius*) in the Northeast Atlantic Ocean. In: Arancibia H, ed. Hakes: Biology and Exploitation. New Jersey: Wiley-Blackwell.
- Koutrakis ET., Tsikliras AC. 2003. Short communication. Length-weight relationships of fishes from three northern Aegean estuarine systems (Greece). *Journal of Applied Ichthyology* 19:258–260.
- Martin LK., Cailliet GM. 1988. Age and growth determination of the Bat Ray, *Myliobatis californica* Gill, in central California. *Copeia* 3:762–773.
- Mendes B., Fonseca P., Campos A. 2004. Weight–length relationships for 46 fish species of the Portuguese west coast. *Journal of Applied Ichthyology* 20:355–361.
- Mennes F. 1985. Multi species assessment of fish stocks off the western Sahara region with emphasis on the family Sparidae. *Fishbyte* 3:5–10.
- Morales-Nin B. 1991. Parametros biológicos del salmonete de roca *Mullus surmuletus* (L. 1758), en Mallorca. *Boletín del Instituto Español de Oceanografía* 7:139–147.

- Morato T., Afonso P., Lourinho P., Barreiros JP., Santos RS., Nash RDM. 2001. Length–weight relationships for 21 coastal fish species of the Azores, north-eastern Atlantic. *Fisheries Resources* 50:297–302.
- Morato T., Afonso P., Carvalho N., Lourinho P., Santos RS., Krug HM., Nash RDM. 2007. Growth, reproduction and recruitment patterns of the wide-eyed flounder, *Bothus podas* Delaroche (Pisces: Bothidae), from the Azores. *Marine Biology Research* 3:403–411. DOI: 10.1080/17451000701712331.
- Morey G., Moranta J., Massutí E., Grau A., Linde M., Riera F., Morales-Nin B. 2003. Weight–length relationships of littoral to lower slope fishes from the western Mediterranean. *Fisheries Resources* 62:89–96.
- Moura T., Figueiredo I., Farias I., Serra-Pereira B., Coelho R., Erzini K., Neves A., Gordo LS. 2007. The use of caudal thorns for ageing *Raja undulata* from the Portuguese continental shelf in relation to its productive cycle. *Marine and Freshwater Research* 58:983–992.
- Muñoz M., Hernández MR., Sàbat M., Casadevall M. 2003. Annual reproductive cycle and fecundity of *Aspitrigla obscura* (Teleostei, Triglidae). *Vie et Milieu* 53:123–129.
- Muus BJ., Nielsen JG. 1999. *Sea fish*. Scandinavian Fishing Year Book. Hedehusene.
- Pajuelo JG., Socorro J., González JÁ., Lorenzo JM., Pérez-Peñalvo JA., Martínez I., Hernández-Cruz CM. 2006. Life history of the red-banded seabream *Pagrus auriga* (Sparidae) from the coasts of the Canarian archipelago. *Journal of Applied Ichthyology* 22:430–436.
- Palazón-Fernández JL., Arias AM., Sarasquete MC. 2001. Aspects of the reproductive biology of the toadfish *Halobatrachus didactylus* (Schneider, 1801) (Pisces: Batrachoididae). *Scientia Marina* 65: 131–138.
- Palazón-Fernández JL., Potts JC., Manooch III CS., Sarasquete C. 2010. Age, growth and mortality of the toadfish, *Halobatrachus didactylus* (Schneider, 1801) (Pisces: Batrachoididae), in the Bay of Cádiz (southwestern Spain). *Scientia Marina* 74: 121–130.
- Petrakis G., Stergiou KI. 1995. Weight-length relationships for 33 fish species in Greek waters. *Fisheries Resources* 21:465–469.

- Piñeiro C., Saínza M. 2003. Age estimation, growth and maturity of the European hake (*Merluccius merluccius* Linnaeus, 1758) from the Iberian Atlantic waters. *ICES Journal of Marine Science* 60:1086–1101.
- Quigley DTG. 1984. White skate, *Raja alba* Lacepede, 1803 (*R. marginata*, Lacep.) in Irish waters: a further record and review of Irish records. *Irish Naturalists' Journal* 21:217–220.
- Santos MN., Gaspar MB., Vasconcelos P., Monteiro CC. 2002. Weight–length relationships for 50 selected fish species of the Algarve coast (southern Portugal). *Fisheries Resources* 59:289–295.
- Serra-Pereira B., Figueiredo I., Farias I., Moura T., Gordo LS. 2008. Description of dermal denticles from the caudal region of *Raja clavata* and their use for the estimation of age and growth. *ICES Journal of Marine Science* 65:1701–1709.
- Serra-Pereira B., Figueiredo I., Gordo LS. 2011. Maturation, fecundity, and spawning strategy of the thornback ray, *Raja clavata*: do reproductive characteristics vary regionally? *Marine Biology* 158:187–2197.
- Smale MJ., Compagno LJV. 1997. Life history and diet of two southern African smoothhound sharks, *Mustelus mustelus* (Linnaeus, 1758) and *Mustelus palumbes* Smith, 1957 (Pisces: Triakidae). *South African Journal of Marine Science* 18:229–248.
- Tanner SE., Reis-Santos P., Vasconcelos RP., Thorrold SR., Cabral HN. 2013. Population connectivity of *Solea solea* and *Solea senegalensis* over time. *Journal of Sea Research* 76:82–88.
- Teixeira CM., Batista MI., Cabral HN. 2010. Diet, growth and reproduction of four flatfishes on the Portuguese coast. *Scientia Marina* 74:223–233. DOI: 10.3989/sci-mar.2010.74n2223.
- Tsimenides N., Machias A., Kallianiotis A. 1992. Distribution patterns of triglids (Pisces: Triglidae) on the Cretan shelf (Greece), and their interspecific associations. *Fisheries Research* 15:83–103.
- Valle C., Bayle JT., Ramos AA. 2003. Weight–length relationships for selected fish species of the western Mediterranean Sea. *Journal of Applied Ichthyology* 19:261–262.
- Vallisneri M., Stagioni M., Montanini S., Tommasini S. 2011. Body size, sexual maturity and diet in *Chelidonichthys lucerna* (Osteichthyes: Triglidae) from the Adriatic Sea, north eastern Mediterranean. *Acta Adriatica* 51:141–148.

- Vassilopoulou V., Papaconstantinou C. 1994. Age, growth and mortality of the spotted flounder (*Citharus linguatula* Linnaeus, 1758) in the Aegean Sea. *Scientia Marina* 58:261–267.
- Veiga P., Machado D., Almeida C., Bentes L., Monteiro P., Oliveira F., Ruano M., Erzini K., Gonçalves JMS. 2009. Weight-length relationships for 54 species of the Arade estuary, southern Portugal. *Journal of Applied Ichthyology* 25:493–496.
- Vinagre C., Maguas C., Cabral HN., Costa MJ. 2011. Nekton migration and feed location in a coastal area - a stable isotope approach. *Estuarine, Coastal and Shelf Science* 91:544–550. DOI: 10.1016/j.ecss.2010.12.011.
- Walker P., Howlett G., Millner R. 1997. Distribution, movement and stock structure of three ray species in the North Sea and eastern English Channel. *ICES Journal of Marine Science* 54:97–808.