

- Ahlstrom, E.H. 1959. Vertical distribution of pelagic fish eggs and larvae off California and Baja California. *Fish. Bull.*, 161:107-146.
- Alexander, R. McN. 1971. Swimbladder gas secretion and energy expenditure in vertically migrating fishes Pp. 74-82. In: *Proceedings of an international symposium on biological sound scattering in the ocean*. G.B. Farquhar (ed.). U.S. Gov. Printing Office.
- Alexander, R. McN. 1972. The energetics of vertical migration by fishes. *Symp. Soc. Exp. Biol.*, 26:273-294.
- Ambrose, D.A. 1996. *Platyroctidae*: tubeshoulders. Pp. 234-239. In: *The early stages of fishes in the California Current region*. H. G. Moser (ed.). Calif. Coop. Oceanic Fish. Invest. Atlas No. 33. Allen Press.
- Andersen, N.R., and B.J. Zahuranec (eds.) 1977. *Oceanic sound scattering prediction*. Plenum Press.
- Anderson, M.E. 1994. Systematics and osteology of the *Zoarcidae* (Teleostei: Perciformes), *Ichthyol. Bull.*, J.L.B. Smith Institute of Ichthyology, 60.
- Anderson, M.E., G.M. Cailliet, and B.S. Antrim. 1979. Notes on some uncommon deep-sea fishes from the Monterey Bay area, California. *Calif. Fish Game*, 65:256-264.
- Andrews, A.H., G.M. Cailliet, and K.H. Coale. 1999. Age and growth of the Pacific grenadier (*Coryphaenoides acrolepis*) with age estimate validation using an improved radiometric ageing technique. *Can. J. Fish. Aquat. Sci.*, 56:1339-1350.
- Angel, M.V. 1997. What is the deep sea? Pp. 1-41. In: *Deep-sea fishes*. D.J. Randall and A.P. Farrell (eds.). Academic Press.
- Aron, W. 1962. The distribution of animals in the eastern North Pacific and its relationship to physical and chemical conditions. *J. Fish. Res. Bd. Can.*, 19:271-314.
- Atsatt, L.H., and R.R. Seapy. 1974. An analysis of sampling variability in replicated midwater trawls off Southern California. *J. Exp. Mar. Biol. Ecol.*, 14:261-273.
- Aughtry, R.H. 1953. The biology and ecology of *Cyclothone signata* Garman in the Monterey Bay area. Master's thesis, Stanford University.
- Badcock, J. 1969. Colour variation in two mesopelagic fishes and its correlation with ambient light conditions. *Nature*, 221:383-385.
- Bailey, D.M., and I.G. Priede. 2002. Predicting fish behaviour in response to abyssal food falls. *Mar. Biol.*, 141:831-840.
- Bailey, D.M., H.A. Ruhl, and K.L. Smith, Jr. 2006. Long-term change in benthopelagic fish abundance in the abyssal northeast Pacific Ocean. *Ecology*, 87:549-555.
- Bailey, T.G. 1984. Distribution, abundance, and aspects of the life histories of midwater fishes from three regions of the eastern North Pacific. Ph. D. diss., Univ. of California, Santa Barbara.
- Bailey, T.G., and B. H. Robison. 1986. Food availability as a selective factor on the chemical compositions of midwater fishes in the eastern North Pacific. *Mar. Biol.*, 91:131-141.
- Baird, R.C., and G.Y. Jumper. 1993. Olfactory organs in the deep sea hatchetfish *Sternoptyx diaphana* (Stomiiformes, Sternoptychidae). *Bull. Mar. Sci.*, 53:1163-1167.
- Baird, R.C., N. P. Thompson, T. L. Hopkins, and W. R. Weiss. 1975. Chlorinated hydrocarbons in mesopelagic fishes of the eastern Gulf of Mexico. *Bull. Mar. Sci.*, 25:473-481.
- Balanov, A.A., and E.N. Il'inskii. 1992. Species composition and biomass of mesopelagic fishes in the Sea of Okhotsk and the Bering Sea. *J. Ichthyol.*, 32(4):85-93.
- Barham, E G. 1971. Deep-sea fishes: lethargy and vertical orientation. Pp. 100-116. In: *Proceedings of an international symposium on biological sound scattering in the ocean*.

- G.B. Farquhar (ed.). U.S. Gov. Printing Office.
- Beamish, R.J., K.D. Leask, O.A. Ivanov, A.A. Balanov, A.M. Orlov, and B. Sinclair. 1999. The ecology, distribution, and abundance of midwater fishes of the Subarctic Pacific gyres. *Prog. Oceanogr.*, 43:399-442.
- Belman, B.W., and M.E. Anderson. 1979. Aquarium observations on feeding by *Melanostigma pammelas* (Pisces: Zoarcidae). *Copeia*, 1979:366-369.
- Belman, B.W., and M.S. Gordon. 1979. Comparative studies on the metabolism of shallow-water and deep-sea marine fishes. V. Effects of temperature and hydrostatic pressure on oxygen consumption in the mesopelagic zoarcid *Melanostigma pammelas*. *Mar. Biol.*, 50:275-281.
- Benoit-Bird, K.J., and W.W.L. Au. 2001. Target strength measurements of Hawaiian mesopelagic boundary community animals. *J. Acoust. Soc. Am.*, 110:812-819.
- Berry, F.H., and H.C. Perkins. 1966. Survey of pelagic fishes of the California Current area. *Fish. Bull.*, 65:625-682.
- Best, E.A., and J.G. Smith. 1965. Fishes collected by midwater trawling from California coastal waters, March 1963. *Calif. Fish Game*, 51:248-251.
- Biagioni, L.M., D.M. Hunt, and S.P. Collin. 2016. Morphological characterization and topographic analysis of multiple photoreceptor types in the retinæ of mesopelagic hatchetfishes with tubular eyes. *Front. Ecol. Evol.*, 4:25.
- Black, J.A., A.B. Neuheimer, P.L. Horn, D.M. Tracey, and J.C. Drazen. 2021. *Mar. Ecol. Prog. Ser.*, 658:1-26.
- Blaxter, J.H.S., and P. Tytler. 1978. Physiology and function of the swimbladder. *Adv. Comp. Physiol. Biochem.*, 7:311-367.
- Blaxter, J.H.S., C.S. Wardle, and B.L. Roberts. 1971. Aspects of the circulatory physiology and muscle systems of deep-sea fish. *J. Mar. Biol. Ass. U.K.*, 51:991-1006.
- Bolin, R.L. 1956. Age and growth of the myctophid fish *Lampanyctus leucopsarus* (Eigenmann and Eigenmann). *Proc. XIV Int. Congr. Zool.* 1953. 541 pp.
- Bone, Q. 1973. A note on the buoyancy of some lantern-fishes (Myctophoidei). *J. Mar. Biol. Ass. U.K.*, 53:619-633.
- Brewer, G.D. 1973. Midwater fishes from the Gulf of California and the adjacent eastern tropical Pacific. *Nat. Hist. Mus. Los Angeles Cty. Contrib. Sci.*, 242:1-47.
- Brown, D.W. 1974. Hydrography and midwater fishes of three contiguous oceanic areas off Santa Barbara, California. *Nat. Hist. Mus. Los Angeles City. Contrib. Sci.*, 261:1-30.
- Bruun, A.F. 1955. Life and life-conditions of the deepest deep sea. *Proc. Eighth Pacific Sci Congress*, 1:399-408.
- Burton, E.J. 1999. Radiometric age determination of the giant grenadier (*Albatrossia pectoralis*) using ^{210}Pb : ^{226}Ra disequilibria. Master's Thesis, San Francisco State Univ.
- Butler, J.L., and W.G. Pearcy. 1972. Swimbladder morphology and specific gravity of myctophids off Oregon. *J. Fish. Res. Bd. Canada*, 29:1145-1150.
- Cailliet, G.M., A.H. Andrews, E J. Burton, D.L. Watters, D.E. Kline, and L.A. Ferry-Graham. 2001. Age determination and validation studies of marine fishes: do deep-dwellers live longer? *Exper. Gerontol.*, 36:739-764.
- Cailliet, G.M., A.H. Andrews, W. W. Wakefield, G. Moreno and K. L. Rhodes. 1999. Fish faunal and habit analyses using trawls, camera sleds and submersibles in benthic deep-sea habitats off Central California. *Oceanol. Acta.*, 22:579-592.
- Cailliet, G.M., and A. W. Ebeling. 1990. The vertical distribution and feeding habits of two

- common midwater fishes (*Leuroglossus stilbius* and *Stenobranchius leucopsarus*) off Santa Barbara. CalCOFI Rep., 31:106-123.
- Campana, S.E. 2001. Accuracy, precision and quality control in age determination, including a review of the use and abuse of age validation methods. J. Fish. Biol., 59:197-242.
- Capen, R.L. 1967. Swimbladder morphology of some mesopelagic fishes in relation to sound scattering. U. S. Navy Electronics Laboratory Res. Rept. 1447.
- Case, J.F., J. Warner, A.T. Barnes, and M. Lowenstine. 1977. Bioluminescence of lantern fish (Myctophidae) in response to changes in light intensity. Nature, 265:179-181.
- Castro, P. and M.E. Huber. 1997. Marine Biology, Second Edition. Wm. C. Brown/Time-Mirror.
- Childress, J.J., A.T. Barnes, L.B. Quetin, and B.H. Robison. 1978. Thermally protecting cod ends for the recovery of living deep-sea animals. Deep-Sea Res., 25:419-422.
- Childress, J.J., and R.P. Meek. 1973. Observations on the feeding behavior of a mesopelagic fish (*Anoplogaster cornuta*: Beryciformes). Copeia, 1973:602-603.
- Childress, J.J., and M.H. Nygaard. 1973. The chemical composition of midwater fishes as a function of depth of occurrence off southern California. Deep-Sea Res., 20:1093-1109.
- Childress, J.J., M.H. Price, J. Favuzzi, and D. Cowles. 1990. Chemical composition of midwater fishes as a function of depth of occurrence off the Hawaiian Islands: food availability as a selective factor? Mar. Biol., 105:235-246.
- Childress, J.J., S.M. Taylor, G.M. Cailliet, and M.H. Price. 1980. Patterns of growth, energy utilization and reproduction in some meso- and bathypelagic fishes off Southern California. Mar. Biol., 61:27-40.
- Choy, C.A., B.H. Robison, T.O. Gagne, B. Erwin, E. Firl, R.U. Halden, J.A. Hamilton, K. Katija, S.E. Lisin, C. Rolsky, and K.S. Van Houtan. 2019. The vertical distribution and biological transport of marine microplastics across the epipelagic and mesopelagic water column. Sci. Rep., 9:7843.
- Claes, J.M., J.C. Partridge, N.S. Hart, E. Garza-Gisholt, H-C. Ho, J. Mallefet, and S.P. Collin. 2014. Photon hunting in the twilight zone: visual features of mesopelagic bioluminescent sharks. PLoS ONE 9(8):e104213.
- Clarke, G.L., and E.J. Denton. 1962. Light and animal life. Pp. 456-468 In: The Sea, vol. 1. M.N. Hill (ed.). Interscience Publishers.
- Clarke, T.A. 1972. Some aspects of the ecology of lanternfishes (Myctophidae) in the Pacific Ocean near Hawaii. Fish. Bull., 71:401-434.
- Collard, S.B. 1970. Forage of some eastern Pacific midwater fishes. Copeia, 1970:348-354.
- Cohen, D.M., T. Inada, T. Iwamoto, and N. Scialabba. 1990. Gadiform fishes of the world (Order Gadiformes). FAO Fisheries Synopsis No. 125, 10.
- Cox, J.L. 1970. Accumulation of DDT residues in *Triphoturus mexicanus* from the Gulf of California. Nature, 227:192-193.
- Creasey, S.S. and A.D. Rogers. 1999. Population genetics of bathyal and abyssal organisms. Adv. Mar. Biol., 35:3-151.
- Crescitelli, F. 1989. The visual pigments of a deep-water malacosteid fish. J. Mar. Biol. Ass. U.K. 69: 43-51.
- D'Aoust, B.G. 1971. Physiological constraints on vertical migration by mesopelagic fishes. Pp. 86-97. In: Proceedings of an international symposium on biological sound scattering in the ocean. G.B. Farquhar (ed.). U.S. Gov. Printing Office.
- Davis, A.L., K.N. Thomas, F.E. Goetz, B.H. Robison, S. Johnsen, and K.J. Osborn. 2020. Ultra-

- black camouflage in deep-sea fishes. *Curr. Biol.*, 30:3470-3476.
- Davis, M.P. and C. Fielitz. 2010. Estimating divergence times of lizardfishes and their allies (Euteleostei: Aulopiformes) and the timing of deep-sea adaptations. *Mol. Phylogen. Evol.*, 57:1194-1208.
- Davison, P.C. 2011. The specific gravity of mesopelagic fish from the northeastern Pacific Ocean and its implications for acoustic backscatter. *ICES J. Mar. Sci.*, 68:2064-2074.
- Davison, P.C., and R.G. Asch. 2011. Plastic ingestion by mesopelagic fishes in the North Pacific Subtropical Gyre. *Mar. Ecol. Prog. Ser.*, 432:173-180.
- Davison, P.C., A. Lara-Lopez, and J.A. Koslow. 2015a. Mesopelagic fish biomass in the southern California current ecosystem. *Deep-Sea Res. II*, 112:129-142.
- Davison, P.C., D.M. Checkley, Jr., J.A. Koslow, and J. Barlow. 2013. Carbon export mediated by mesopelagic fishes in the northeast Pacific. *Prog. Oceanogr.*, 116:14-30.
- Davison, P.C., J.A. Koslow, and R.J. Kloser. 2015b. Acoustic biomass estimation of mesopelagic fish: backscattering from individuals, populations, and communities. *ICES J. Mar. Sci.*, 72:1413-1424.
- de Busserolles, F., J.L. Fitzpatrick, N.J. Marshall, and S.P. Collin. 2014. The influence of photoreceptor size and distribution on optical sensitivity in the eyes of lanternfishes (Myctophidae). *PLoS ONE*, 9(6):e99957.
- Denton, E.J. 1970. Review lecture: On the organization of reflecting surfaces in some marine animals. *Phil. Trans. R. Soc. Lond.*, 258B:285-313.
- Denton, E.J. 1990. Light and vision at depths greater than 200 metres. Pp. 127-148. In: *Light and life in the sea*. P.J. Herring, A.K. Campbell, M. Whitfield, and L. Maddock (eds.). Cambridge University Press.
- Denton, E.J., J.B. Gilpin-Brown, and P.G. Wright. 1972. The angular distribution of the light produced by some mesopelagic fish in relation to their camouflage. *Proc. R. Soc. Lond. B.*, 182:145-158.
- Denton, E.J., P.J. Herring, E.A. Widder, M.F. Latz, and J.F. Case. 1985. The roles of filters in the photophores of oceanic animals and their relation to vision in the oceanic environment. *Proc. Roy. Soc. Lond. B*, 225:63-97.
- Denton, E.J. and N.B. Marshall. 1958. The buoyancy of bathypelagic fishes without a gas-filled swimbladder. *J. Mar. Biol. Ass. U.K.*, 37:753-767.
- DeWitt, F.A., Jr. 1972. Bathymetric distributions of two common deep-sea fishes, *Cyclothone acclinidens* and *C. signata*, off southern California. *Copeia*, 1972:88-96.
- DeWitt, F.A., Jr. and G.M. Cailliet. 1972. Feeding habits of two bristlemouth fishes, *Cyclothone acclinidens* and *C. signata* (Gonostomatidae). *Copeia*, 1972:868-871.
- Donnelly, J., J.J. Torres, T.L. Hopkins, and T.M. Lancraft. 1990. Proximate composition of Antarctic mesopelagic fishes. *Mar. Biol.*, 106:12-23.
- Dornan, T., S. Fielding, R.A. Saunders, and M.J. Genner. 2019. Swimbladder morphology masks Southern Ocean mesopelagic fish biomass. *Proc. R. Soc. B*, 286:20190353.
- Douglas R.H., J.C. Partridge, and N.J. Marshall. 1998. The eyes of deep-sea fish I: lens pigmentation, tapeta and visual pigments. *Prog. Retinal Eye Res.*, 17:597-636.
- Drazen, J.C. 2002. Energy budgets and feeding rates of *Coryphaenoides acrolepis* and *C. armatus*. *Mar. Biol.*, 140:677-686.
- Drazen, J.C., D.M. Bailey, H.A. Ruhl, K L. Smith, Jr. 2012. The role of carrion supply in the abundance of deep-water fish off California. *PLoS ONE*, 7(11):1-8.
- Drazen, J.C., L.E. Bird, and P. Barry. 2005. Development of a hyperbaric trap respirometer for

- the capture and maintenance of live deep-sea organisms. *Limnol. Oceanogr. Methods*, 140:677-686.
- Drazen, J.C., T.W. Buckley, and G.R. Hoff. 2001. The feeding habits of slope dwelling macrourid fishes in the eastern North Pacific. *Deep-Sea Res.*, I 48:909-935.
- Drazen, J.C., and R.L. Haedrich. 2012. A continuum of life histories in deep-sea demersal fishes. *Deep-Sea Res.* I, 61:34-42.
- Drazen, J.C., and T.T. Sutton. 2017. Dining in the deep: the feeding ecology of deep-sea fishes. *Ann. Rev. Mar. Sci.*, 9:337-366.
- Drazen, J.C., B.N. Popp, C.A. Choy, T. Clementa, L.D. Forest, and K. L. Smith, Jr. 2008. *Limnol. Oceanogr.*, 53:2644-2654.
- Drazen, J.C., and J. Yeh. 2012. Respiration of four species of deep-sea demersal fishes in the eastern North Pacific. *Deep-Sea Res.* I, 60:1-6
- Dunlop, K.M., K.J. Beniot-Brid, C.M. Waluk, and R.G. Henthorn. 2020. Ecological insights into abyssal benthopelagic fish at 4000 m depth using a multi-beam echosounder on a remotely operated vehicle. *Deep-Sea Res.* II, 48:1-6.
- Duxbury, A.C. 1971. *The earth and its oceans*. Addison-Wesley.
- Ebeling, A.W., and G.M. Cailliet. 1974. Mouth size and predator strategy of midwater fishes. *Deep-Sea Res.*, 21:959-968.
- Ebeling, A.W., and G.M. Cailliet, R.M. Ibara, F.A. DeWitt, Jr., and D.W. Brown. 1971. Pelagic communities and sound scattering off Santa Barbara, California. Pp. 1-19. In: *Proceedings of an international symposium on biological sound scattering in the ocean*. G.B. Farquhar (ed.). U.S. Gov. Printing Office.
- Ebeling, A.W., R.M. Ibara, R.J. Lavenberg, and F.J. Rohlf. 1970. Ecological groups of deep-sea animals off southern California. *Bull. Los Angeles City Mus. Nat. Hist. Sci.* 6:1-43.
- Emery, K.O. 1954. Source of water in basins off southern California. *J. Mar. Res.*, 13:1-21.
- Emery, K.O. 1960. *The sea off southern California, a modern habitat of petroleum*. John Wiley and Sons, Inc.
- Endo, H., and O. Okamura. 1992. New records of the abyssal grenadiers *Coryphaenoides armatus* and *C. yaquinae* from the western North Pacific. *Jpn. J. Ichthyol.* 38:433-438.
- Endo, H., M. Yabe, and K. Amaoka. 1993. Occurrence of the macrourid alevins genera *Albatrossia* and *Coryphaenoides* in the northern North Pacific Ocean. *Jpn. J. Ichthyol.*, 40:219-226.
- Falk-Petersen, I.-B., S. Falk-Petersen, and J.R. Sargent. 1986. Nature, origin and possible roles of lipid deposits in *Maurolicus muelleri* (Gmelin) and *Benthosema glaciale* (Reinhart) from Ullsfjorden, northern Norway. *Polar Biol.*, 5:235-240.
- Farquhar, G.B. (ed.) 1971. *Proceedings of an international symposium on biological sound scattering in the ocean*. U.S. Gov. Printing Office.
- Fast, T.N. 1960. Some aspects of the natural history of *Stenobrachius leucopsarus* Eigenmann and Eigenmann. Ph. D. diss., Stanford University.
- Felley, J.D., M. Vecchione and R.R. Wilson, Jr. 2008. Small-scale distribution of deep-sea demersal nekton and other megafauna in the Charlie-Gibbs Fracture Zone of the Mid-Atlantic Ridge. *Deep-Sea Res.*, 55:153-160.
- Fitch, J.E., and R.J. Lavenberg. 1968. *Deep-water teleostean fishes of California*. Univ. California Press.
- Fricke, R., W.N. Eschmeyer, and R. van der Laan (eds.). 2020. *Eschmeyer's Catalog of Fishes: Genera, species, references*.

- (<http://researcharchive.calacademy.org/research/ichthyology/catalog/fishcatmain.asp>).
Electronic version accessed 12 Mar 2020.
- Froese, R. and D. Pauly (Eds.) 2003. FishBase. World Wide Web electronic publication.
www.fishbase.org.
- Frost, B.W., and L.E. McCrone. 1979. Vertical distribution, diel vertical migration, and abundance of some mesopelagic fishes in the eastern subarctic Pacific Ocean in summer. *Fish. Bull.*, 76:751-770.
- Gaither M.R., G.A. Gkafas, M. de Jong, F. Sarigol, F. Neat, T. Reginer, D. Moore, D.R. Groke, N. Hall, X. Liu, J. Kennedy, A. Lucia, M. Hughes, S. Haldenby, and A.R. Hoelzel. 2018. Genomics of habitat choice and adaptive evolution in a deep-sea fish. *Nat. Ecol. Evol. Lond.*, 2:680-687.
- Gaither M.R., B. Violi, H.W. I. Gray, F. Neat, J.C. Drazen, R.D. Grubbs, A. Roa-Varón, T. Sutton, A.R. Hoelzel. 2016. Depth as a driver of evolution in the deep sea: Insights from grenadiers (Gadiformes: Macrouridae) of the genus *Coryphaenoides*. *Mol. Phylogen. Evol.*, 104:73-82.
- Gallo, N.D., E. Drenkard, A.R. Thompson, E.D. Weber, D. Wilson-Vandenberg, S. McClatchie, J.A. Koslow, and B.X. Semmens. 2019. Bridging from monitoring to solutions-based thinking: Lessons from CalCOFI for understanding and adapting to marine climate change impacts. *Front. Mar. Sci.*, 6:695.
- Gartner, J.V., Jr. 1991a. Life histories of three species of lanternfishes (Pisces: Myctophidae) from the eastern Gulf of Mexico. I. Morphological and microstructural analysis of sagittal otoliths. *Mar. Biol.*, 111:11-20.
- Gartner, J.V., Jr. 1991b. Life histories of three species of lanternfishes (Pisces: Myctophidae) from the eastern Gulf of Mexico. II. Age and growth patterns. *Mar. Biol.*, 111:21-27.
- Gartner, J.V., Jr. 1993. Patterns of reproduction in the dominant lanternfish species (Pisces: Myctophidae) of the eastern Gulf of Mexico, with a review of reproduction among tropical-subtropical Myctophidae. *Bull. Mar. Sci.*, 52:721-750.
- Gartner, J.V., Jr., R. E. Crabtree, and K. J. Sulak. 1997. Feeding at depth. Pp. 115-193. In: Deep-sea fishes. D.J. Randall, and A.P. Farrell (eds.). Academic Press.
- Gartner, J.V., Jr., T.L. Hopkins, R.C. Baird, and D.M. Milliken. 1987. The lanternfishes (Pisces: Myctophidae) of the eastern Gulf of Mexico. *Fish. Bull.*, 85:81-98.
- Gerringer, M.E., A.H. Andrews, G.R. Hussc, K. Nagashimac, B.N. Popp, T.D. Linleye, N.D. Gallof, M.R. Clark, A.J. Jamieson, and J.C. Drazen. 2018. Life history of abyssal and hadal fishes from otolith growth zones and oxygen isotopic compositions. *Deep-Sea Res. I*, 132:37-50.
- Gee, J.H. 1983. Ecologic implications of buoyancy control in fish. Pp. 141-176. In: Fish biomechanics. P.W. Webb and D. Weihs (eds.). Praeger Publishers.
- Gilfillan, L.R., M.D. Ohman, M.J. Doyle, and W. Watson. 2009. Occurrence of plastic micro-debris in the southern California Current system. *CalCOFI Rep.*, 50:123-131.
- Gjøsæter, J., and S. Tilseth. 1988. Spawning behaviour, egg and larval development of the myctophid fish *Benthosema pterotum*. *Mar. Biol.*, 98:1-6.
- Godø, O.R., R. Patel, and G. Pedersen. 2009. Diel migration and swimbladder resonance of small fish: some implications for analyses of multifrequency echo data. *ICES J. Mar. Sci.*, 66:1143-1148.
- Gorbatenko, K.M., and E.N. Il'inskii. 1992. Feeding behavior of the most common mesopelagic fishes in the Bering Sea. *J. Ichthyol.*, 32(2):52-60.

- Greely, T.M., J.V. Gartner, Jr., and J.J. Torres. 1999. Age and growth of *Electrona antarctica* (Pisces: Myctophidae), the dominant mesopelagic fish of the Southern Ocean. *Mar. Biol.*, 133:145-158.
- Günther, A.E. 1887. Report on the deep-sea fishes collected by H.M.S. *Challenger* during the years 1873-1876. *Zoology*, 22:1-335.
- Hart, J.L. 1973. Pacific fishes of Canada. *Fish. Res. Bd. Can. Bull.* 180.
- Hedgpeth, J.W. 1957. Classification of marine environments. In: *Treatise on marine ecology and paleoecology*. J. Hedgpeth (ed.). *Mem. Geol. Soc. Amer.*, 67(1):17-27.
- Helfman, G.S., B.B. Collette, and D.E. Facey. 1997. *The diversity of fishes*. Blackwell Science.
- Herring, P.J. 1972. Bioluminescence of searsid fishes. *J. Mar. Biol. Ass. U.K.*, 56:879-887.
- Herring, P.J. 1977. Oral light organs in *Sternoptyx*, with some observations on the bioluminescence of hatchet-fishes. Pp. 553-567. In: *A voyage of discovery: George Deacon 70th anniversary volume*. M. Angel (ed.). Pergamon Press Ltd.
- Herring, P.J. 2000. Species abundance, sexual encounter and bioluminescent signalling in the deep sea. *Phil. Trans. R. Soc. Lond. B*, 355:1273-1276.
- Herring, P.J. 2002. *The biology of the deep ocean*. Oxford University Press.
- Herring, P.J. and J. G. Morin. 1978. Bioluminescence in fishes. Pp. 273-329. In: **Bioluminescence in action**. P.J. Herring (ed.). Academic Press.
- Hickey, B.M. 1979. The California Current system—hypotheses and facts. *Prog. Oceano.*, 8:191-279.
- Hickey, B.M. 1993. Physical oceanography. Pp. 19-70. In: *Ecology of the Southern California Bight. A synthesis and interpretation*. M.D. Dailey, D.J. Reish, and J.W. Anderson (eds.). Univ. Calif. Press.
- Hølmer, G. 1989. Triglycerides. Pp. 139-173. In: *Marine biogenic lipids, fats, and oils*. Vol I. R. G. Ackman (ed.). CRC Press.
- Holton, A.A. 1969. Feeding behavior of a vertically migrating lanternfish. *Pac. Sci.*, 23:325-331.
- Hopkins, T.L., and R.C. Baird. 1985. Feeding ecology of four hatchetfishes (Sternoptychidae) in the eastern Gulf of Mexico. *Bull. Mar. Sci.*, 36:260-277.
- Hopkins, T.L., and J.V. Gartner, Jr. 1992. Resource-partitioning and predation impact of a low-latitude myctophid community. *Mar. Biol.*, 114:185-197.
- Hopkins, T.L., and T. M. Lancraft. 1984. The composition and standing stock of mesopelagic micronekton at 27°N 86°W in the eastern Gulf of Mexico. *Cont. Mar. Sci.*, 27:143-158.
- Hopkins, T.L., and T.T. Sutton. 1998. Midwater fishes and shrimps as competitors and resource partitioning in low latitude oligotrophic ecosystems. *Mar. Ecol. Prog. Ser.*, 164:37-45.
- Hopkins, T.L., and T.T. Sutton, and T. M. Lancraft. 1996. The trophic structure and predation impact of a low latitude midwater fish assemblage. *Prog. Oceano.*, 38:205-239.
- Hsieh, C.-H., H.J. Kim, W. Watson, E. Di Lorenzo, and G. Sugihara. 2009. Climate-driven changes in abundance and distribution of larvae of oceanic fishes in the southern California region. *Glob. Change Biol.*, 15:2137-2152.
- Hulley, P.A. 1992. Upper-slope distributions of oceanic lanternfishes (family: Myctophidae). *Mar. Biol.*, 114:365-383.
- Imsand, S. 1981. Comparison of the food of *Triphoturus mexicanus* and *T. nigrescens*, two lanternfishes of the Pacific Ocean. *Mar. Biol.*, 63:87-100.
- Imsand, S. 1982. Abundance in space and time of lanternfishes of the genus *Triphoturus* (Myctophidae) in the Pacific Ocean. Ph. D. diss., Univ. Calif., San Diego.
- Isaacs, J.D., and R. Schwartzlose. 1975. Active animals of the deep-sea floor 1975. *Sci. Amer.*,

233:85-91.

- Iwamoto, T., and Y.I. Sazonov. 1988. A review of the southeastern Pacific *Coryphaenoides* (sensu lato) (Pisces: Gadiformes, Macrouridae). Proc. Calif. Acad. Sci., 45(3):35-82.
- Iwamoto, T., and D.L. Stein. 1974. A systematic review of the rattail fishes (Macrouridae: Gadiformes) from Oregon and adjacent waters. Occ. Pap. Calif. Acad. Sci., 111:1-79.
- Jamieson, A.J., I.G. Priede, and J. Craig. 2012. Distinguishing between the abyssal macrourids *Coryphaenoides yaquinae* and *C. armatus* from *in situ* photography. Deep-Sea Res. I, 64:78-85.
- Janssen, J., G.R. Harbison, and J.E. Craddock. 1986. Hatchetfishes hold horizontal attitudes during diagonal descents. J. Mar. Biol. Ass. U.K., 66:825-833.
- Jost, L. 2008. GST and its relatives do not measure differentiation. Mol. Ecol., 17:4015-4026.
- Jumper, G.Y., Jr., and R.C. Baird. 1991. Location by olfaction: a model and application to the mating problem in the deep-sea hatchetfish *Argyroteleus hemigymnus*. Am. Nat., 138:1431-1458.
- Kalish, J.M., C.F. Greenlaw, W.G. Pearcy, and D. Van Holliday. 1986. The biological and acoustical structure of sound scattering layers off Oregon. Deep-Sea Res., 33:631-653.
- Kanwisher, J., and A. Ebeling. 1957. Composition of the swim-bladder gas in bathypelagic fishes. Deep-Sea Res., 4:211-217.
- Kashkin, N.I. 1995. Vertical distribution of *Cyclothone* (Gonostomatidae) in the Pacific Ocean (brief review). J. Ichthyol., 35(8):53-60.
- Kaufmann, R.G., and R.R. Wilson, Jr. 1991. A summary and bibliography of seamount biota. SIO Reference Series, University of California, Scripps Institution of Oceanography, 91-8.
- Kayama, M., and Y. Ikeda. 1975. Studies on the lipids of micronektonic fishes caught in Sagami and Suruga Bays, with special reference to their wax esters. Yukagaku 24:435-440.
- Kayama, M., and J.C. Nevenzel. 1974. Wax ester biosynthesis by midwater marine animals. Mar. Biol., 24:279-285.
- Kleckner, R.C. and R.H. Gibbs, Jr. 1972. Swimbladder structure of Mediterranean midwater fishes and a method of comparing swimbladder data with acoustic profiles. Mediterranean Biological Studies Final Report, Rept. To U. S. Navy Office of Naval Research, Contract # N00014-67-A-0399-0007, 1:230-281.
- Kline, D.E. 1996. Radiochemical age verification for two deep-sea rockfishes, *Sebastolobus altivelis* and *S. alascanus*. Master's Thesis, San Jose State University.
- Kobayashi, B.N. 1973. Systematics, zoogeography, and aspects of the biology of the bathypelagic fish genus *Cyclothone* in the Pacific Ocean. Ph.D. diss., Univ. of California, San Diego.
- Koefoed, E. 1927. Fishes from the sea bottom. Rep. Sci. Res. Michael Sars North Atlantic Deep-Sea Exped., 4:1-148.
- Krause, D C. 1965. Tectonics, bathymetry, and geomagnetism of the southern continental borderland west of Baja California, Mexico. Geol. Soc. Am. Bull., 76:617-650.
- Kuhnz, L.A., H.A. Ruhl, C.L. Huffard, and K.L. Smith. 2020. Benthic megafauna assemblage change over three decades in the abyss: Variations from species to functional groups. Deep-Sea Res. II, 173:1-1.
- Lapko, V.V. 1995. Role of mesopelagic fishes in the ichthyocene of the epipelagic zone of the Sea of Okhotsk. J. Ichthyol., 35(9):273-280.
- Lauth, R.R. 1999. The 1997 Pacific west coast upper continental slope trawl survey of

- groundfish resources off Washington, Oregon, and California: estimates of distribution, abundance, and length composition. NOAA Technical Memorandum, NMFS-AFSC-98.
- Lavenberg, R.J., and A.W. Ebeling. 1967. Distribution of midwater fishes among deep-water basins of the southern California shelf. Pp. 185-201. In: Proceedings of the symposium on the biology of the California Islands. R. N. Philbrick (ed.). Santa Barbara Botanic Garden.
- Lavenberg, R.J., and J.E. Fitch. 1966. Annotated list of fishes collected by midwater trawl in the Gulf of California, March-April 1964. *Calif. Fish Game.*, 52:92-110.
- Lawry, J.V., Jr. 1974. Lantern fish compare downwelling light and bioluminescence. *Nature*, 247:155-157.
- Lee, R.F., and J. Hirota. 1973. Wax esters in tropical zooplankton and nekton and the geographical distribution of wax esters in marine copepods. *Limnol. Oceanogr.*, 18:227-239.
- Lee, R.F., and J. Hirota, and A. M. Barnett. 1971. Distribution and importance of wax esters in marine copepods and other zooplankton. *Deep-Sea Res.*, 18:1147-1165.
- Lee, R.F., and J.S. Patton. 1989. Alcohol and waxes. Pp. 73-102. In: *Marine biogenic lipids, fats, and oils*. Vol. I. R.G. Ackman (ed.). CRC Press.
- Leitner A.B., A.B. Neuheimer, E. Donlon, C.R. Smith, and J.C. Drazen. 2017. Environmental and bathymetric influences on abyssal bait-attending communities of the Clarion Clipperton Fracture Zone. *Deep-Sea Res.*, 125:65-80.
- Lewis, R.W. 1970. The densities of three classes of marine lipids in relation to their possible role as hydrostatic agents. *Lipids*, 5:151-153.
- Longhurst, A. 1998. *Ecological geography of the sea*. Academic Press.
- Love, M.S., and J.K. Passarelli. 2020. *Miller and Lea's guide to the coastal marine fishes of California*, 2nd ed. Davis: UC Agri. Nat. Res. Pub. no. 3556.
- Love, M.S., C. W. Mecklenburg, T. A. Mecklenburg, and L.K. Thorsteinson. 2005. Resource inventory of marine and estuarine fishes of the west coast and Alaska: A checklist of North Pacific and Arctic Ocean species from Baja California to the Alaska-Yukon Border. U.S. Department of the Interior, U.S. Geological Survey, OCS Study MMS 2005-030 and USGS/NBII 2005-001.
- Lusher, A.L., C. O'Donnell, R. Officer, and I. O'Connor. 2016. Microplastic interactions with North Atlantic mesopelagic fish. *ICES J. Mar. Sci.*, 73:1214-1225.
- MacGregor, J.S. 1974. Changes in the amount and proportions of DDT and its metabolites, DDE and DDD, in the marine environment off southern California 1949-72. *Fish. Bull.*, 72:275-293.
- Marshall, N.B. 1954. *Aspects of deep sea biology*. Philosophical Library.
- Marshall, N.B. 1960. Swimbladder structure of deep-sea fishes in relation to their systematics and biology. *Discovery Repts.*, 31:1-122.
- Marshall, N.B. 1965. Systematic and biological studies of the macrourid fishes (Anacanthini-Teleostei). *Deep-Sea Res.*, 12:299-322.
- Marshall, N.B. 1967. The olfactory organs of bathypelagic fishes. *Symp. Zool. Soc. Lond.*, 19:57-70.
- Marshall, N.B. 1971a. *Explorations in the life of fishes*. Harvard Univ. Press.
- Marshall, N.B. 1971b. Swimbladder development and the life of deep-sea fishes. Pp. 69-73. In: *Proceedings of an international symposium on biological sound scattering in the ocean*. G.B. Farquhar (ed.). U.S. Gov. Printing Office.

- Marshall, N.B. 1972. Swimbladder organization and depth ranges of deep-sea teleosts. Soc. exp. Biol. Symp., 26: 261-272.
- Marshall, N.B. 1979. Developments in deep-sea biology. Blandford Press.
- Marshall, N.B. 1980. Deep-sea biology, developments and perspectives. Garland STPM Press.
- Marshall, N.B., and N.R. Merrett. 1977. The existence of a benthopelagic fauna in the deep-sea. Pp. 483-497. In: A voyage of discovery: George Beacon 70th anniversary volume. M.V. Angel (ed.). Pergamon Press.
- Marshall, N.J. 2000. Communication and camouflage with the same 'bright' colours in reef fishes. Phil. Trans. R. Soc. Lond. B, 355:1243-1248.
- Matsui, T., S. Kato, and S.E. Smith. 1990. Biology and potential use of Pacific grenadier, *Coryphaenoides acrolepis*, off California. Mar. Fish. Rev., 52:1-17.
- McClatchie, S., J. Gao, E.J. Drenkard, A.R. Thompson, W. Watson, L. Ciannelli, S.J. Bograd, and J.T. Thorson. 2018. Interannual and secular variability of larvae of mesopelagic and forage fishes in the southern California Current System. J. Geophys. Res.: Oceans, 123:6277-6295.
- McCosker, J.E., and M.E. Anderson. 1976. Aquarium maintenance of mesopelagic animals: a progress report. Bull. S. Calif. Acad. Sci., 75:211-219.
- McFall-Ngai, M. 1990. Crypsis in the pelagic environment. Amer. Zool., 30:175-188.
- McFall-Ngai, M., F. Crescitelli, J. Childress, and J. Horwitz. 1986. Patterns of pigmentation in the eye lens of the deep-sea hatchetfish, *Argyrops leucurus* Garman. J. Comp. Physiol. A, 159:791-800.
- McNulty, J.A. 1976. A comparative study of the pineal complex in the deep-sea fishes *Bathylagus wesethi* and *Nezumia liolepis*. Cell Tiss. Res., 172:205-225.
- McNulty, J.A. 1979. A comparative light and electron microscopic study of the pineal complex in the deep-sea fishes, *Cyclothone signata* and *C. acclinidens*. J. Morphol., 162:1-16.
- McNulty, J.A., and B. G. Nafpaktitis. 1976. The structure and development of the pineal complex in the lanternfish *Triphoturus mexicanus* (family Myctophidae). J. Morphol., 150:579-606.
- McNulty, J.A., and B.G. Nafpaktitis. 1977. Morphology of the pineal complex in seven species of lanternfishes (Pisces: Myctophidae). Am. J. Anat., 150:509-530.
- Mead, G.W., and S.A. Earle. 1970. Notes on the natural history of snipe eels. Proc. Calif. Acad. Sci., 38:99-103.
- Mensing, A.F., and J.F. Case. 1997. Luminescent properties of fishes from nearshore California basins. J. Exp. Mar. Biol. Ecol., 210:75-90.
- Merrett, N.R. 1989. The elusive macrourid alevin and its seeming lack of potential in contributing to intrafamilial systematics. Pp. 175-185. In: Papers on the systematics of gadiform fishes. D.M. Cohen (ed.). Nat. Hist. Mus. Los Angeles Co. Science Series No. 32.
- Merrett, N.R. 1992. Demersal ichthyofaunal distribution in the abyssal eastern North Atlantic, with special reference to *Coryphaenoides (Nematonurus) armatus* (Macrouridae). J. Mar. Biol. Ass. U.K., 72:5-24.
- Miller, D.J., and R.N. Lea. 1972. Guide to the coastal marine fishes of California. Calif. Dept. Fish Game Fish Bull. No. 157.
- Miya, M., and T. Nemoto. 1991. Comparative life histories of the meso- and bathypelagic fishes of the genus *Cyclothone* (Pisces: Gonostomatidae) in Sagami Bay, central Japan. Deep-Sea Res., 38:67-89.

- Moku, M., K. Kawaguchi, H. Watanabe, and A. Ohno. 2000. Feeding habits of three dominant myctophid fishes, *Diaphus theta*, *Stenobrachius leucopsarus* and *S. nannochir*, in the subarctic and transitional waters of the western North Pacific. Mar. Ecol. Prog. Ser., 207:129-140.
- Montgomery, J., and N. Pankhurst. 1997. Sensory physiology. Pp. 325-349. In: Fish Physiology, v. 16, Deep-sea fishes. W.S. Hoar, D.J. Randall, and A.P. Farrell (eds.). Academic Press.
- Moore, J.A. 2002. Upside-down swimming behavior in a whipnose anglerfish (Teleostei: Ceratioidei: Gigantactinidae). Copeia, 2002:1144-1146.
- Morita, T. 1999. Molecular phylogenetic relationships of the deep-sea fish genus *Coryphaenoides* (Gadiformes: Macrouridae) based on mitochondrial DNA. Mol. Phylogen. Evol., 13:447-454.
- Morris, R.J., and F. Culkin. 1989. Fish. Pp. 145-178. In: Marine biogenic lipids, fats, and oils. Vol. II. R.G. Ackman (ed.). CRC Press.
- Moser, H.G. 1974. Development and distribution of larvae and juveniles of *Sebastolobus altivelis* (Pisces, Family Scorpaenidae). Fish. Bull., 72:865-884.
- Moser, H.G. (ed.). 1996a. The early stages of fishes in the California Current region. Calif. Coop. Oceanic Fish. Invest. Atlas No. 33. Allen Press.
- Moser, H.G. 1996b. Astronesthidae: snaggletooths. Pp. 305-307. In: The early stages of fishes in the California Current region. H.G. Moser (ed.). Calif. Coop. Oceanic Fish. Invest. Atlas 33. Allen Press.
- Moser, H.G., and E. H. Ahlstrom. 1996. Myctophidae: lanternfishes. Pp. 387-475. In: The early stages of fishes in the California Current region. H.G. Moser (ed.). Calif. Coop. Oceanic Fish. Invest. Atlas 33. Allen Press.
- Moser, H.G., R.L. Charter, P.E. Smith, D.A. Ambrose, S.R. Charter, C.A. Meyer, E.M. Sandknop, and W. Watson. 1993. Distributional atlas of fish larvae and eggs in the California Current region: taxa with 1000 or more total larvae 1951 through 1984. Calif. Coop. Oceanic Fish. Invest. Atlas 31.
- Moser, H.G., R.L. Charter, P.E. Smith, D.A. Ambrose, S.R. Charter, C.A. Meyer, E.M. Sandknop, and W. Watson. 1994. Distributional atlas of fish larvae in the California Current region: Taxa with less than 1000 total larvae 1951 through 1984. Calif. Coop. Oceanic Fish. Invest. Atlas 32.
- Moser, H.G., and W. Watson. 2006. Ichthyoplankton. Pp. 269-319. In: The ecology of marine fishes: California and adjacent waters. L.G. Allen, D.J. Pondella II and M.H. Horn, (eds.). 2006. Univ. California Press.
- Muntz, W.R.A. 1976. On yellow lenses in mesopelagic animals. J. Mar. Biol. Ass. U.K., 56:963-976.
- Musilova, Z., F. Cortesi, M. Matschiner, W.I.L. Davies, J.S. Patel, S.M. Stieb, F. de Busserolles, M. Malmstrom, O.K. Tørresen, C.J. Brown, J.K. Mountford, R. Hanel, D.L. Stenkamp, K.S. Jakobsen, K.I. Carleton, S. Jentoft, J. Marshall, and W. Salzburger. 2019. Vision using multiple distinct rod opsins in deep-sea fishes. Science, 364:588-592.
- Nakayama, N. 2020. Grenadiers (Teleostei: Gadiformes: Macrouridae) of Japan and adjacent waters, a taxonomic monograph. Megataxa., 3:1-383.
- Neighbors, M.A. 1988. Triacylglycerols and wax esters in the lipids of deep midwater teleost fishes of the Southern California Bight. Mar. Biol., 98:15-22.
- Neighbors, M.A. 1992. Occurrence of inflated swimbladders in five species of lanternfishes (family Myctophidae) from waters off southern California. Mar. Biol., 114:355-363.

- Neighbors, M.A., and B. G. Nafpaktitis. 1982. Lipid compositions, water contents, swimbladder morphologies and buoyancies of nineteen species of midwater fishes (18 myctophids and 1 neoscopelid). *Mar. Biol.*, 66:207-215.
- Netburn, A.N., and J.A. Koslow. 2015. Dissolved oxygen as a constraint on daytime deep scattering layer depth in the southern California current ecosystem. *Deep-Sea Res. I*, 104:149-158.
- Nevenzel, J.C., and N.K. Menon. 1980. Lipids of midwater marine fish: family Gonostomatidae. *Comp. Biochem. Physiol.*, 65B:351-355.
- Nevenzel, J.C., W. Rodegker, J.S. Robinson, and M. Kayama. 1969. The lipids of some lantern fishes (family Myctophidae). *Comp. Biochem. Physiol.*, 31:25-36.
- Newman, J.B., and B.H. Robison. 1992. Development of a dedicated ROV for ocean science. *Mar. Tech. Soc. J.*, 26(4):46-53.
- Nicol, J.A.C. 1978. Bioluminescence and vision. Pp. 367-398. In: **Bioluminescence in action**. P. J. Herring (ed.). Academic Press.
- Novikov, N.P. 1970. Biology of *Chalinura pectoralis* in the North Pacific. Pp. 304-331. In: Soviet fisheries investigations in the northwestern Pacific, Part V, P.A Moissev (ed.).
- O'Day, W.T. 1973. Luminescent silhouetting in stomiatoid fishes. *Nat. Hist. Mus. Los Angeles Co. Cont. Sci.*, 246:1-8.
- O'Day, W.T. 1974. Bacterial luminescence in the deep-sea anglerfish *Oneirodes acanthias* (Gilbert 1915). *Nat. Hist. Mus. Los Angeles Co. Cont. Sci.*, 255:1-11.
- O'Day, W.T., and H. R. Fernandez. 1974. *Aristostomias scintillans* (Malacosteidae): a deep-sea fish with visual pigments apparently adapted to its own bioluminescence. *Vision Res.*, 14:545-550.
- Ohman, M.D., and E.L. Venrick. 2003. CalCOFI in a changing ocean. *Oceanog.*, 16:76-85.
- Olson, C.R. 2017. Population genetic structure of two abyssal grenadiers of the North Atlantic and northeastern Pacific oceans. Master's thesis, California State University, Long Beach.
- Partridge, J.C., and R.H. Douglas. 1995. Far-red sensitivity of dragon fish. *Nature*, 375:21-22.
- Paxton, J.R. 1967a. A distributional analysis for the lanternfishes (Family Myctophidae) of the San Pedro Basin, California. *Copeia*, 1967:422-440.
- Paxton, J.R. 1967b. Biological notes on southern California lanternfishes (family Myctophidae). *Calif. Fish Game*, 53:214-217.
- Paxton, J.R. 1972. Osteology and relationships of the lanternfishes (family Myctophidae). *Bull. Nat Hist. Mus. Los Angeles Co. Sci.*, 13:1-81.
- Peabody, C.E., A.R. Thompson, D.F. Sax, R.E. Morse, and C.T. Perretti. 2018. Decadal regime shifts in southern California's ichthyoplankton assemblage. *Mar. Ecol. Prog. Ser.*, 607:71-83.
- Pearcy, W.G. 1964. Some distributional features of mesopelagic fishes off Oregon. *J. Mar. Res.* 22:83-102.
- Pearcy, W.G., and J. Ambler. 1974. Food habits of deep-sea macrourid fishes of the Oregon coast. *Deep-Sea Res.* 21:745-759.
- Pearcy, W.G., E.E. Krygier, R. Mesecar, and F. Ramsey. 1977. Vertical distribution and migration of oceanic micronekton off Oregon. *Deep-Sea Res.*, 24:223-245.
- Pearcy, W.G., and R.M. Laurs. 1966. Vertical migration and distribution of mesopelagic fishes off Oregon. *Deep-Sea Res.*, 13:153-165.
- Pearcy, W.G., H.V. Lorz, and W. Peterson. 1979. Comparison of the feeding habits of migratory

- and non-migratory *Stenobrachius leucopsarus* (Myctophidae). Mar. Biol., 51:1-8.
- Pearcy, W.G., and R.S. Mesecar. 1971. Scattering layers and vertical distribution of oceanic animals off Oregon. Pp. 381-394. In: Proceedings of an international symposium on biological sound scattering in the ocean. G.B. Farquhar (ed.) U.S. Gov. Printing Office.
- Phleger, C.F. 1991. Biochemical aspects of buoyancy in fishes. Pp. 209-247. In: Biochemistry and molecular biology of fishes, Vol. I, Phylogenetic and biochemical perspectives. P.W. Hochachka, and T.P. Mommsen (eds.). Elsevier.
- Phleger, C.F. 1991. Buoyancy in marine fishes: direct and indirect role of lipids. Amer. Zool., 38:321-330.
- Phleger, C.F., M.M. Nelson, B.D. Mooney, and P.D. Nichols. 1999. Wax esters versus triacylglycerols in myctophid fishes from the Southern Ocean. Antarctic Sci., 11:436-444.
- Phleger, C.F. 1991., P.D. Nichols, and P. Virtue. 1997. The lipid, fatty acid and fatty alcohol composition of the myctophid fish *Electrona antarctica*: high level of wax esters and food-chain implications. Antarctic Sci., 9:258-265.
- Phleger, C.F., and A. Soutar. 1971. Free vehicles and deep-sea biology. Amer. Zool., 11:409-418.
- Pieper, R.E. 1967. Final Report, Mesopelagic faunal discontinuities in the eastern North Pacific. AC Electronics—Defense Res. Labs., General Motors Corporation. Sea Operations Dept. Tech. Rept. TR67-19.
- Pieper, R.E., and B. G. Bargo. 1980. Acoustic measurements of a migrating layer of the Mexican lampfish, *Triphoturus mexicanus*, at 102 kilohertz. Fish. Bull., 77:935-942.
- Pietsch, T.W. 1976. Dimorphism, parasitism and sex: reproductive strategies among deepsea ceratioid anglerfishes. Copeia. 1976:781-793.
- Priede, I.G. 2017. Deep-sea fishes: biology, diversity, ecology and fisheries. Cambridge University Press.
- Priede, I.G., Bagley, P.M., Armstrong, J.D., Smith Jr, K.L. and Merrett, N.R., 1991. Direct measurement of active dispersal of food-falls by deep-sea demersal fishes. Nature, 351(6328):647-649.
- Priede, I.G. and P.M. Bagley. 2000. *In situ* studies on deep-sea demersal fishes using autonomous unmanned lander platforms. Pp. 357–392. In: Oceanography and marine biology. R.N. Gibson, and M. Barnes (eds.). Allen & Unwin.
- Priede, I.G. and N.R. Merrett. 1998. The relationship between numbers of fish attracted to baited cameras and population density: Studies on demersal grenadiers *Coryphaenoides (Nematonurus) armatus* in the abyssal NE Atlantic Ocean. Fish. Res., 36:133-137.
- Priede, I.G., K.L. Smith, and J.D. Armstrong. 1990. Foraging behaviour of abyssal grenadier fish: inferences from acoustic tagging and tracing the North Pacific Ocean. Deep-Sea Res., 37:81-101.
- Priede, I.G., J.A. Godbold, N.J. King, M.A. Collins, D.M. Bailey, and Gordon, J.D., 2010. Deep-sea demersal fish species richness in the Porcupine Seabight, NE Atlantic Ocean: global and regional patterns. Mar. Ecol., 31(1):247-260.
- Priede, I.G., J.C. Drazen, D. M. Bailey, L. A. Kuhnz, and D. Fabian. 2020. Abyssal demersal fishes recorded at station M (34°50'N, 123° 00'W, 4100 m depth) in the northeast Pacific Ocean: An annotated check list and synthesis. Deep-Sea Res. II, 173:1-7.
- Proud, R., N.O. Handegard, R.J. Kloser, M.J. Cox, and A.S. Brierley. 2019. From siphonophores to deep scattering layers: uncertainty ranges for the estimation of global mesopelagic fish

- biomass. ICES J. Mar. Sci., 76:718-733.
- Rainwater, C.L. 1975. An ecological study of midwater fishes in Santa Catalina Basin, off southern California, using cluster analysis. Ph. D. diss., Univ. Southern California.
- Reid, J.L., Jr., G.I. Roden, and J.G. Wyllie. 1958. Studies of the California Current system. CalCOFI Rep., 5:27-57.
- Reinhardt, S.B., and E.S. Van Vleet. 1986. Lipid composition of twenty-two species of Antarctic midwater zooplankton and fish. Mar. Biol., 91:149-159.
- Ritchie, H., N.J. Cousins, S.J. Cregeen, and S.B. Piernney. 2013. Population genetic structure of the abyssal grenadier (*Coryphaenoides armatus*) around the mid-Atlantic ridge. Deep-Sea Res. II, 98:431-437.
- Roa-Varón, A., and G. Orti 2009. Phylogenetic relationships among families of Gadiformes (Teleostei: Paracanthopterygii) based on nuclear and mitochondrial data. Mol. Phylogen. Evol., 52:688-704.
- Robertson, D.A. 1977. Planktonic eggs of the lanternfish, *Lampanyctodes hectoris* (family Myctophidae). Deep-Sea Res. 24:849-852.
- Robison, B.H. 1972. Distribution of the midwater fishes of the Gulf of California. Copeia, 1972:448-461.
- Robison, B.H. 1973a. A system for maintaining midwater fishes in captivity. J. Fish. Res. Bd. Canada, 30:126-128.
- Robison, B.H. 1973b. Distribution and ecology of midwater fishes of the eastern North Pacific Ocean. Ph.D. diss., Stanford University.
- Robison, B.H. 1992. Midwater research methods with MBARI's ROV. Mar. Technol. Soc. J., 26(4):32-39.
- Robison, B.H. 1999. Shape change behavior by mesopelagic animals. Mar. Fresh. Behav. Physiol., 32:17-25.
- Robison, B.H. 2003. What drives the diel vertical migrations of Antarctic midwater fish? J. Exp. Mar. Biol. Ass. U.K., 83:639-642.
- Robison, B.H. 2004. Deep pelagic biology. J. Exp. Mar. Biol. Ecol., 300:253-272.
- Robison, B.H., and T.G. Bailey. 1981. Sinking rates and dissolution of midwater fish fecal matter. Mar. Biol., 65:135-142.
- Robison, B.H., and T.G. Bailey. 1982. Nutrient energy flux in midwater fishes. Pp. 80-87. In: Gutshop '81. Proc. third Pacific workshop on fish food habits studies. G.M. Cailliet, and C.A. Simenstad (eds.). Univ. Wash. Press.
- Robison, B.H., and K.R. Reisenbichler. 2008. *Macropinna microstoma* and the paradox of its tubular eyes. Copeia, 2008:780-784.
- Rodgveller, C.J., D.M. Clausen, J.J. Nagler, and C. Hutchinson 2010. Reproductive characteristics and mortality of female giant grenadiers in the northeastern Pacific Ocean. Mar. Coast. Fish.: Dynamics, Management, and Ecosystem Sci., 2:73-82.
- Ross, L.G. 1976. The permeability to oxygen of the swimbladder of the mesopelagic fish *Ceratoscopelus maderensis*. Mar. Biol., 37:83-87.
- Saito, H., and M. Murata. 1998. Origin of the monoene fats in the lipid of midwater fishes: relationship between the lipids of myctophids and those of their prey. Mar. Ecol. Prog. Ser., 168:21-33.
- Sargent, J.R. 1976. The structure, metabolism and function of lipids in marine organisms. Pp. 149-212. In: Biochemical and biophysical perspectives in marine biology, Vol. 3. D.C. Malins and J.R. Sargent (eds.). Academic Press.

- Sargent, J.R. 1978. Marine wax esters. *Sci. Prog., Oxf.*, 65:437-458.
- Sargent, J.R., R.F. Lee, and J.C. Nevenzel. 1976. Marine waxes. Pp. 49-91. In: *Chemistry and biochemistry of natural waxes*. P.E. Kolattukudy (ed.). Elsevier.
- Seo, H.-S., Y. Endo, K. Fujimoto, H. Watanabe, and K. Kawaguchi. 1996. Characterization of lipids in myctophid fish in the subarctic and tropical Pacific Ocean. *Fisheries Sci.*, 62:447-453.
- Seo, H.-S., Y. Endo, M. Moku, K. Kawaguchi, and K. Fujimoto. 2001. Wax ester biosynthesis in the liver of myctophid fishes. *Lipids*, 36:389-393.
- Siebenaller, J.F. 1978. Genetic variability in deep-sea fishes of the genus *Sebastolobus* (Scorpaenidae). Pp. 95- 122. In: *Marine organisms*. B. Battaglia and J. Beardmore (eds.). Plenum Press, New York.
- Sinclair, E. and P.J. Stabeno. 2002. Mesopelagic nekton and associated physics of the southeastern Bering Sea. *Deep-Sea Res. II*, 49:6127-6145.
- Sinclair, E.H., A.A. Balanov, T. Kubodera, V.I. Radchenko, and Y.A. Fedorets. 1999. Distribution and ecology of mesopelagic fishes and cephalopods. Pp. 485-508. In: *Dynamics of the Bering Sea*. T.R. Loughlin, and K. Ohtani (eds.). Univ. of Alaska Sea Grant.
- Smith, C.R., and S.C. Hamilton. 1983. Epibenthic megafauna of a bathyal basin off southern California: patterns of abundance, biomass, and dispersion. *Deep-Sea Res.*, 30:907-928.
- Smith, D.G., and J.G. Nielsen. 1976. Preliminary note on sexual dimorphism in the Nemichthyidae and the identity of *Avocettinops* and *Paravocettinops* (Pisces, Anguilliformes). *Steenstrupia*, 4:1-5.
- Smith, K.L., Jr. 1978. Metabolism of the abyssopelagic rattail *Coryphaenoides armatus* measured in situ. *Nature*, 274:362-364.
- Smith, K.L., Jr. and N.O. Brown. 1983. Oxygen consumption of pelagic juveniles and demersal adults of the deep-sea fish *Sebastolobus altivelis*, measured at depth. *Mar. Biol.*, 76:325-332.
- Smith, K.L., Jr. and Druffel, E.R.M., 1998. Long time-series monitoring of an abyssal site in the NE Pacific: an introduction. *Deep Sea Research Part II: Topical Studies in Oceanography*, 45(4-5):573-586.
- Smith, K.L., Jr. and R.R. Hessler. 1974. Respiration of benthopelagic fishes: *In-situ* measurements at 1230 meters. *Science*, 184:72-73.
- Smith, K.L., Jr. and M.B. Laver. 1981. Respiration of the bathypelagic fish *Cyclothone acclinidens*. *Mar. Biol.*, 61:261-266.
- Smith, K.L., Jr., M.B. Laver, and N.O. Brown. 1983. Sediment community oxygen consumption and nutrient exchange in the central and eastern North Pacific. *Limnol. Oceanog.*, 28:882-898.
- Smith, K.L., Jr., G.A. White, M.B. Laver, R.R. McConnaughey, and J.P. Meador. 1979. Free vehicle capture of abyssopelagic animals. *Deep-Sea Res.*, 26:57-64.
- Smith-Beasley, L. 1992. A study of the vertical distribution of upper mesopelagic animals in the Monterey Submarine Canyon, California. Master's Thesis, Moss Landing Marine Labs., San Jose State Univ.
- Smoker, W., and W.G. Pearcy. 1970. Growth and reproduction of the lanternfish *Stenobrachius leucopsarus*. *J. Fish. Res. Bd. Can.*, 27:1265-1275.
- Somiya, H. 1976. Functional significance of the yellow lens in the eyes of *Argyrolepecus affinis*. *Mar. Biol.*, 34:93-99.

- Springer, V.G. 1982. Pacific plate biogeography with special reference to shore fishes. *Smithson. Contr. Biol.*, 367:1-182.
- Stein, D.L. 1980. Description and occurrence of macrourid larvae and juveniles in the northeastern Pacific Ocean off Oregon. *Deep-Sea Res.*, 27:889-900.
- Stein, D.L. 1985. Towing large nets by single warp at abyssal depths: methods and biological results. *Deep-Sea Res.*, 32:183-200.
- Stein, D.L., and J. Butler 1972. First records of *Bathysaurus mollis* (Pisces: Bathysauridae) from the Northeast Pacific Ocean. *J. Fish. Res. Bd. Can.*, 29:1093-1094.
- Stein, D.L., and W.G. Pearcy 1982. Aspects of reproduction, early life history, and biology of macrourid fishes off Oregon, U.S.A. *Deep-Sea Res.*, 29:1313-1329.
- Stepien, C.A., A.K. Dillon, and A.K. Patterson 2000. Population genetics, phylogeography, and systematics of the thornyhead rockfishes (*Sebastolobus*) along the deep continental slopes of the North Pacific Ocean. *Can. J. Fish. Aquat. Sci.*, 57:1701-1717.
- Stickney, D.G., and J.J. Torres. 1989. Proximate composition and energy content of mesopelagic fishes from the eastern Gulf of Mexico. *Mar. Biol.*, 103:13-24.
- Sulak, K.J., C.A. Wenner, G.R. Sedberry, and L. van Guelpen. 1985. The life history and systematics of deep-sea lizard fishes, genus *Bathysaurus* (Synodontidae). *Can. J. Zool.*, 63:623-642.
- Sutton, T.T., M.R. Clark, D.C. Dunn, P.N. Halpin, A.D. Rogers, J. Guinotte, S.J. Bograd, M.V. Angel, J.A.A. Perez, K. Wishner, R.L. Haedrich, D.J. Lindsay, J.C. Drazen, A. Vereshchaka, U. Piatkowski, T. Morato, K. Blachowiak-Samolyk, B.H. Robison, K.M. Gjerd, A. Pierrot-Bults, P. Bernal, G. Reygondeau, and M. Heino. 2017. A global biogeographic classification of the mesopelagic zone. *Deep-Sea Res. I*, 126:85-102.
- Sutton, T.T., and T.L. Hopkins. 1996a. Species composition, abundance, and vertical distribution of the stomiid (Pisces: Stomiiformes) fish assemblage of the Gulf of Mexico. *Bull. Mar. Sci.*, 59:530-542.
- Sutton, T.T., and T.L. Hopkins. 1996b. Trophic ecology of the stomiid (Pisces: Stomiidae) fish assemblage of the eastern Gulf of Mexico: strategies, selectivity and impact of a top mesopelagic predator group. *Mar. Biol.*, 127:179-192.
- Sutton, T.T., T.L. Hopkins, and T.M. Lancraft 1995. Trophic diversity of a mesopelagic fish community. Pp. 353-351. In: *Pelagic biogeography ICoPBII. Proc. 2nd intl. conference. IOC Workshop Report No. 142.* A.C. Pierrot-Bults, and S. van der Spoel (eds.). UNESCO.
- Sverdrup, H.U., M.W. Johnson, and R.H. Fleming. 1942. *The oceans: their physics, chemistry and general biology.* Prentice-Hall, Inc.
- Swan, S.C., and J.D.M. Gordon. 2001. A review of age estimation in macrourid fishes with new data on age validation of juveniles. *Fish. Res.*, 51:177-195.
- Takahashi, S., S. Tanabe, and K. Kawaguchi. 2000. Organochlorine and butyltin residues in mesopelagic myctophid fishes from the western North Pacific. *Environ. Sci. Technol.*, 34:5129-5136.
- Talbot, J.J. 1973. Some aspects of the ecology and bathymetric distribution of *Cyclothone acclinidens* in the Santa Catalina Basin. *Copeia*, 1973:600-601.
- Taylor, H.F. 1922. Deductions concerning the air bladder and the specific gravity of fishes. *Bull. Bureau Fish.*, 38:121-126.
- Thompson, D.R., R.W. Furness, and L.R. Monteiro 1998. Seabirds as biomonitors of mercury inputs to epipelagic and mesopelagic marine food chains. *Science Total Env.*, 213:299-

- Torgersen, T., and S. Kaartvedt. 2001. *In situ* swimming behaviour of individual mesopelagic fish studied by split-beam echo target tracking. *ICES J. Mar. Sci.*, 58:346-354.
- Torres, J.J., B.W. Belman, and J.J. Childress. 1979. Oxygen consumption rates of midwater fishes as a function of depth of occurrence. *Deep-Sea Res.*, 26A:185-197.
- Tyler, H.R., Jr., and W.G. Pearcy 1975. The feeding habits of three species of lanternfishes (family Myctophidae) off Oregon, USA. *Mar. Biol.*, 32:7-11.
- Uchupi, E., and K.O. Emery. 1963. The continental slope between San Francisco, California and Cedros Island, Mexico. *Deep-Sea Res.*, 10:397-447.
- van den Hoff, J., C. Erikson, H. Burton, M. Schultz. 2018. Size-selective feeding by mesopelagic fish can impact ocean surface abundance of small plastic particles. Pp. 151-157. In: *Proceedings of the International Conference on Microplastic Pollution in the Mediterranean Sea*. M. Cocca, E. Di Pace, M. Errico, G. Gentile, A. Montarsolo, and R. Mossotti (eds). Springer Water. Springer International Publishing.
- Vent, R.J., and G.V. Pickwell. 1977. Acoustic volume scattering measurements with related biological and chemical observations in the northeastern tropical Pacific. Pp. 697-716. In: *Oceanic sound scattering prediction*. N.R. Andersen, and B.J. Zahuranec (eds.). Plenum Press.
- Vetter, R.D., and E.A. Lynn. 1997. Bathymetric demography, enzyme activity patterns, and bioenergetics of deep-living scorpaenid fishes (genera *Sebastes* and *Sebastolobus*): paradigms revisited. *Mar. Ecol. Prog. Ser.*, 155:173-188.
- Wagner H.-J., E. Fröhlich, K. Negishi, and S.P. Collin. 1998. The eyes of deep-sea fish II. functional morphology of the retina. *Prog. Retinal Eye Res.*, 17:637-685.
- Wakefield, W.W., and A. Genin 1987. The use of a Canadian (perspective) grid in deep-sea photography. *Deep-Sea Res.*, 34:469-478.
- Wakefield, W.W., and K.L. Smith, Jr. 1990. Ontogenetic vertical migration in *Sebastolobus altivelis* as a mechanism for transport of particulate organic matter at continental slope depths. *Limnol. Oceanogr.*, 36:1314-1328.
- Warrant, E. 2000. The eyes of deep-sea fishes and the changing nature of visual scenes with depth. *Phil. Trans. R. Soc. Lond. B*, 355:1155-1159.
- Watanabe, H., M. Moku, K. Kawaguchi, K. Ishimaru, and A. Ohno. 1999. Diel vertical migration of myctophid fishes (Family Myctophidae) in the transitional waters of the western North Pacific. *Fish. Oceanogr.*, 8:115-127.
- Watson, W. 1996. Anoplogastridae: fangtooths. Pp. 683-685. In: *The early stages of fishes in the California Current region*. Calif. Coop. Oceanic Fish. Invest. Atlas 33. H.G. Moser (ed.). Allen Press.
- Weitzman, S.H. 1997. Systematics of deep-sea fishes. Pp. 43-77. In: *Deep-sea fishes*. D.J. Randall, and A.P. Farrell (eds.). Academic Press.
- Widder, E. A., M. I. Latz, P.J. Herring, and J.F. Case. 1984. Far red bioluminescence from two deep-sea fishes. *Science* 225:512-514.
- Wieczorek, A.M., L. Morrison, P.L. Croot, A.L. Allcock, E. MacLoughlin, O. Savard, H. Brownlow, and T.K. Doyle. 2018. Frequency of microplastics in mesopelagic fishes from the Northwest Atlantic. *Front. Mar. Sci.*, 5:39:doi:10.3389/fmars.2018.00039.
- Willis, J.M. 1984. Mesopelagic fish faunal regions of the northeast Pacific. *Biol. Oceanogr.*, 3:167-185.
- Willis, J.M., and W. G. Pearcy. 1980. Spatial and temporal variations in the population size

- structure of three lanternfishes (Myctophidae) off Oregon, USA. Mar. Biol., 57:181-191.
- Wilson, R.R., Jr. 1982. A comparison of ages estimated by the polarized light method with ages estimated by vertebrae in females of *Coryphaenoides acrolepis* (Pisces: Macrouridae), Deep-Sea Res., 29:1373-1379.
- Wilson, R.R., Jr. 1984. Taxonomic and biological studies on the abyssal grenadiers *Coryphaenoides armatus* and *C. yaquinae* in the eastern and central North Pacific, with special reference to otoliths. Ph.D. diss., Univ. Calif., San Diego. 194 pp.
- Wilson, R.R., Jr. 1985. Depth-related changes in sagitta morphology in six species of macrourid fishes of the Pacific and Atlantic oceans. Copeia, 1985:1011-1017.
- Wilson, R.R., Jr. 1988. Analysis of growth zones and microstructure in otoliths of two macrourids from the North Pacific abyss. Environ. Biol. Fish., 21:251-261.
- Wilson, R.R., Jr. 1994. Interrelationships of the subgenera of *Coryphaenoides* (Gadiformes: Macrouridae): comparison of protein electrophoresis and peptide mapping. Copeia, 1994:42-50.
- Wilson, R.R., Jr. 2001. A new species of *Nezumia* from Fieberling Guyot, eastern North Pacific Ocean. Rev. Biol. Trop., 49(Suppl.1):29-37.
- Wilson, R.R., Jr., and P. Attia. 2003. Interrelationships of the subgenera of *Coryphaenoides* (Teleostei: Gadiformes: Macrouridae): synthesis of allozyme, peptide mapping, and DNA sequence data. Mol. Phylogen. Evol., 27:343-347.
- Wilson, R.R., Jr., and K.L. Smith, Jr. 1984. Effect of near-bottom currents on detection of bait by the abyssal grenadier fishes (*Coryphaenoides* spp.) recorded *in situ* with a video camera on a free vehicle. Mar. Biol., 84:83-91.
- Wilson, R.R., Jr., and K.L. Smith, Jr. 1985. Live capture, maintenance, and partial decompression of a deep-sea grenadier fish (*Coryphaenoides acrolepis*) in a hyperbaric trap-aquarium. Deep-Sea Res., 32:1571-1582.
- Wilson, R.R., Jr., and R.S. Waples. 1983. Distribution, morphology, and biochemical genetics of *Coryphaenoides armatus* and *C. yaquinae* (Pisces:Macrouridae) in the central and eastern North Pacific. Deep-Sea Res., 30:1127-1145.
- Wilson, R.R., Jr., and R.S. Waples. 1984. Electrophoretic and biometric variability in the abyssal grenadier *Coryphaenoides armatus* of the western North Atlantic, eastern South Pacific and eastern North Pacific Oceans. Mar. Biol., 80:227-237.
- Wisner, R.L. 1962. Midwater trawl surveys. Limnol. Oceanogr. 7:suppl.:xxxix-xli.
- Wisner, R.L. 1976. The taxonomy and distribution of lanternfishes (Family Myctophidae) of the Eastern Pacific Ocean. NORDA Rept. 3. Navy Ocean Res. Dev. Activity.
- Yancey, P.H., T. Kulongoski, M.D. Usibelli, R. Lawrence-Berrey, and A. Pedersen. 1992. Adaptations in mesopelagic fishes-II. Protein contents of various muscles and actomyosin contents and structure of swimming muscle. Comp. Biochem. Physiol., 103B:691-697.
- Yancey, P.H., R. Lawrence-Berrey, and M.D. Douglas. 1989. Adaptations in mesopelagic fishes. I. Buoyant glycosaminoglycan layers in species without diel vertical migrations. Mar. Biol., 103:453-459.
- Yasuma, H., K. Sawada., T. Ohshima., K. Miyashita, and I. Aoki. 2003. Target strength of mesopelagic lanternfishes (family Myctophidae) based on swimbladder morphology. ICES J. Mar. Sci., 60:584-591.
- Yasuma, H., K. Sawada., Y. Takao, K. Miyashita, and I. Aoki. 2010. Swimbladder condition and target strength of myctophid fish in the temperate zone of the Northwest Pacific. ICES J. Mar. Sci., 67:135-144.

- Yasuma, H., Y. Takao, K. Sawada, K. Miyashita, and I. Aoki. 2006. Target strength of the lanternfish, *Stenobrachius leucopsarus* (family Myctophidae), a fish without an airbladder, measured in the Bering Sea. ICES J. Mar. Sci., 63:683-692.
- Yeh, J., and J. C. Drazen. 2011. Baited-camera observations of deep-sea megafaunal scavenger ecology of the California slope. Mar. Ecol. Prog. Ser., 424:145-156.
- Young, R.E., E.M. Kampa, S.D. Maynard, F.M. Mencher and C.F.E. Roper. 1980. Counterillumination and the upper depth limits of midwater animals. Deep-Sea Res., 27A:671-691.
- Young, R.E., and C.F.E. Roper. 1977. Intensity regulation of bioluminescence during countershading in living midwater animals. Fish. Bull. 75:239-252.
- Young, R.E., and C.F.E. Roper, and J. F. Walters. 1979. Eyes and extraocular photoreceptors in midwater cephalopods and fishes: their roles in detecting downwelling light for counterillumination. Mar. Biol., 51:371-380.
- Zahuranec, B.J., and W.L. Pugh. 1971. Biological results from scattering layer investigations in the Norwegian Sea. Pp. 360-379. In: Proceedings of an international symposium on biological sound scattering in the ocean. G.B. Farquhar (ed.). U.S. Gov. Printing Office.
- Zdanowicz, V.S., B. Sharack, S. L. Cunneff, T.W. Finneran, B. Leimburg, and M.C. Ingham. 1996. Metal concentrations in midwater fish and plankton from the 106-mile dumpsite. J. Mar. Env. Eng., 1:131-148.