

## References

- ABOUSHOUAN, A. 1966. Oeufs et larves téléostéens de l'Ouest Africain. III. Larves de *Monacanthus hispidus* (L.) et *Balistes forcipatus* Gm. *Bull. Inst. Fondam. Afr. Noire (A Sci. Nat.)*, **28**(1): 276-282.
1968. Oeufs et larves de téléostéens de l'Ouest Africain. VIII. Larves de *Bregmaceros maccllelandi* Thompson (Bregmacerotidae). *Bull. Inst. Fondam. Afr. Noire (A Sci. Nat.)*, **30**(4): 1590-1602.
1975. Oeufs et larves de téléostéens de l'Ouest Africain. XIII. Contribution à l'identification des larves de Carangidae. *Bull. Inst. Fondam. Afr. Noire (A Sci. Nat.)*, **37**(4): 899-938.
- ADAMS, J. A. 1960. A contribution to the biology and post-larval development of the sargassum fish, *Histrio histrio* (Linnaeus), with a discussion of the sargassum complex. *Bull. Mar. Sci. Gulf Caribb.*, **10**: 55-82.
- AGASSIZ, A., and C. O. WHITMAN. 1885. The development of osseous fishes. I. The pelagic stages of young fishes. *Mem. Mus. Comp. Zool. Harv. Univ.*, **14**(1): 1-56.
- AHLSTROM, E. H. 1974. The diverse patterns of metamorphosis in gonostomatid fishes — an aid to classification. In *The early life history of fish*, J. H. S. Blaxter (ed.), Springer-Verlag, N. Y., p. 659-674.
- AHLSTROM, E. H., and R. C. COUNTS. 1958. Development and distribution of *Vinciguerria lucetia* and related species in the eastern Pacific. *Fish. Bull. U. S.*, **58**: 363-416.
- AHLSTROM, E. H., and H. G. MOSER. 1976. Eggs and larvae of fishes and their role in systematic investigations and in fisheries. *Rev. Trav. Inst. Pêches Marit. Nantes*, **40**(3 et 4): 379-398.
- AHLSTROM, E. H., J. L. BUTLER, and B. Y. SUMIDA. 1976. Pelagic stromateoid fishes (Pisces, Perciformes) of the eastern Pacific: kinds, distributions, and early life histories and observations of five of those from the Northwest Atlantic. *Bull. Mar. Sci.*, **26**: 285-402.
- ALEXANDER, E. C. 1961. A contribution to the life history, biology and geographical distribution of the bonefish, *Albula vulpes* (Linnaeus). *Dana Rep.*, **53**, 51 p.
- ANDERSON, W. W. 1958. Larval development, growth and spawning of striped mullet (*Mugil cephalus*) along the south Atlantic coast of the U. S. *Fish. Bull. U. S.*, **58**: 501-519.
- ANDERSON, W. W., and E. J. GUTHHERZ. 1967. Revision of the flatfish genus *Trichopsetta* (Bothidae) with descriptions of three new species. *Bull. Mar. Sci.*, **17**: 892-913.
- ANDERSON, W. W., J. W. GEHRINGER, and F. H. BERRY. 1966. Family Synodontidae: lizardfishes. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 5: 30-102.
- ANDRIYASHEV, A. P. 1954. Fishes of the northern seas of the USSR. *Tr. Zool. Inst. Acad. Sci. USSR*, No. 53: 1-560. (Transl. from Russian by the Israel Prog. for Sci. Transl. Jerusalem, 1964.)
- APRIETO, V. L. 1974. Early development of five carangid fishes of the Gulf of Mexico and the south Atlantic coast of the United States. *Fish. Bull. U. S.*, **72**: 415-443.
- ARATA, G. F., Jr. 1954. A contribution to the life history of the swordfish, *Xiphias gladius* Linnaeus, from the south Atlantic coast of the United States and the Gulf of Mexico. *Bull. Mar. Sci. Gulf Caribb.*, **4**: 183-243.
- ARNOLD, D. C. 1956. A systematic revision of the fishes of the teleost family Carapidae (Percomorpha, Blennioidea), with descriptions of two new species. *Bull. Br. Mus. Nat. Hist. (Zool.)*, **4**(6): 247-307.
- BACKUS, R. H., J. E. CRADOCK, R. L. HAEDRICH, and B. H. ROBISON. 1977. Atlantic mesopelagic zoogeography. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 7: 266-287.
- BACKUS, R. H., J. E. CRADOCK, R. L. HAEDRICH, and D. L. SHORES. 1969. Mesopelagic fishes and thermal fronts in the western Sargasso Sea. *Mar. Biol.*, **3**(2): 87-106.
- BADCOCK, J. 1977. Aspects of the development and biology of post-larval *Valenciennellus tripunctulatus* (Esmark) and *Bonapartia pedaliota* Goode and Bean (Pisces, Stomiatoidei). In *A voyage of discovery*, M. Angel (ed.), Pergamon Press, Oxford, England, p. 537-552.
- BADCOCK, J., and R. C. BAIRD. 1980. Remarks on systematics, development, and distribution of the hatchetfish genus *Sternopyx* (Pisces, Stomiatoidei). *Fish. Bull. U. S.*, **77**: 803-820.
- BADCOCK, J., and N. R. MERRETT. 1972. On *Argyriplus atlanticus*, Maul 1952 (Pisces, Stomiatoidei), with a description of post-larval forms. *J. Fish Biol.*, **4**: 277-287.
1976. Midwater fishes in the eastern North Atlantic. I. Vertical distribution and associated biology in 30°N, 23°W, with developmental notes on certain myctophids. *Prog. Oceanogr.*, **7**(1): 3-58.
- BARANS, C. A., and A. C. BARANS. 1972. Eggs and early larval stages of the spotted hake, *Urophycis regius*. *Copeia*, 1972: 188-190.
- BARSUKOV, V. V. 1959. Fauna of the U.S.S.R.: family Anarhichadidae. *Zool. Inst. Akad. Nauk SSSR*, Vol. 5: 1-171 (in Russian).
1968. The systematic relationship of redfishes of the genus *Sebastes* of the Northwest Atlantic Ocean. *Dokl. Akad. Nauk SSSR*, **183**: 479-482 (Transl. from Russian in *Dokl. Biol. Sci.*, **183**: 734-737.)
- BARSUKOV, V. V., and G. P. ZAKHAROV. 1972. Morphological and biological characteristics of the American redfish. *Trudy PINRO*, **28**: 148-173. (Fish. Res. Bd. Canada Transl. Ser., No. 2488, 1973.)
- BAUCHOT, M. L. 1959. Etude des larves leptocephales du groupe *Leptocephalus lanceolatus* Stromann et identification à la famille des Serrivomeridae. *Dana Rep.*, **48**, 148 p.
- BEEBE, W. 1933. Deep-sea fishes of the Bermuda oceanographic expeditions, family Argentinidae. *Zoologica*, **16**(3): 97-147.
1934. Deep-sea fishes of the Bermuda oceanographic expeditions, family Idiacanthidae. *Zoologica*, **16**(4): 149-241.
- BEEBE, W., and J. CRANE. 1939. Deep-sea fishes of the Bermuda oceanographic expeditions, family Melanostomidae. *Zoologica*, **24**(2): 65-238.
- BELYANINA, T. N. 1977. Materials on development on chauliodontid fishes (Chauliodontidae, Pisces). In *Ichthyoplankton of tropical waters of the World Ocean. Tr. Inst. Okeanol. SSSR*, **109**: 113-132 (in Russian).

- BERRIEN, P. L. 1978. Eggs and larvae of *Scomber scombrus* and *Scomber japonicus* in continental shelf waters between Massachusetts and Florida. *Fish. Bull. U. S.*, **76**: 95-115.
- BERRY, F. H. 1959. Young jack crevallies (*Caranx* species) off the southeastern Atlantic coast of the United States. *Fish. Bull. U. S.*, **59**: 417-535.
- BERRY, F. H., and W. W. ANDERSON. 1961. Stargazer fishes from the western North Atlantic (family *Uranoscopidae*). *Proc. U. S. Natl. Mus.*, **112**(3448): 563-586.
- BERRY, F. H., AND H. C. PERKINS. 1966. Survey of pelagic fishes of the California Current area. *Fish. Bull. U. S.*, **65**: 625-682.
- BERRY, F. H., and L. R. RIVAS. 1962. Data on six species of needlefishes (Belonidae) from the western Atlantic. *Copeia*, 1962: 152-160.
- BERRY, F. H., and W. F. SMITH-VANIZ. 1978. Carangidae. FAO species identification sheets for fishery purposes: western Central Atlantic Fishing Area 31, FAO, Rome, Vol. 1.
- BERRY, F. H., and L. E. VOGELE. 1961. Filefishes (Monacanthidae) of the western North Atlantic. *Fish. Bull. U. S.*, **61**: 60-109.
- BERTELSEN, E. 1951. The ceratioid fishes. *Dana Rep.*, **39**, 276 p.
- BERTELSEN, E., and P. J. STRUHSAKER. 1977. The ceratioid fishes of the genus *Thaumaticthys*: osteology, relationships, distribution and biology. *Galathea Rep.*, **14**: 7-40.
- BERTELSEN, E., G. KREFFT, and N. B. MARSHALL. 1976. The fishes of family Notosudidae. *Dana.*, *Rep.*, **86**, 114 p.
- BERTELSEN, E., T. W. PIETSCH, and R. J. LAVENBERG. 1981. Ceratioid anglerfishes of the family Gigantactinidae: morphology, systematics, and distribution. *Contr. Los Angeles County Mus. Nat. Hist. Sci.*, **332**, 74 p.
- BIGELOW, H. B., and W. C. SCHROEDER. 1953. Fishes of the Gulf of Maine. *Fish. Bull. U. S.*, **53**, 577 p.
1963. Family Osmeridae. In *Fishes of the western North Atlantic*. Mem. Sears Found. Mar. Res., Part 4: 553-597.
- BIGELOW, H. B., and W. W. WELSH. 1925. Fishes of the Gulf of Maine. *Bull. U. S. Bur. Fish.*, **40**, 567 p.
- BLACHE, J. 1964. Sur la présence de *Luvarus imperialis* Raf. 1810 dans l'Atlantique oriental sud révélée par la découverte de deux larves au stade *Hystricinella* de L. Roule (1924) (Pisces, Teleostei, Perciformi, Luvaroidei, Luvaridae). *Cah. ORSTOM (Océanogr.)*, **5**: 57-59.
1977. *Leptocephalus des poissons Anguilliformes dans la zone sud du Golfe de Guinée*. *ORSTOM Faune Tropicale*, XX, 269 p.
- BOND, G. W. 1977. Gonostomatidae. FAO species identification sheets for fishery purposes: western Central Atlantic Fishing Area 31. FAO, Rome, Vol. II.
- BONNETT, D. D. 1939. Mortality of the cod egg in relation to temperature. *Biol. Bull. Mar. Biol. Lab. Woods Hole, Mass.*, **76**, 428-441.
- BUTLER, J. L. 1979. The nomeid genus *Cubiceps* (Pisces) with a description of a new species. *Bull. Mar. Sci.*, **29**: 226-241.
- BUTLER, J. L., and E. H. AHLSTROM. 1976. Review of the deep-sea fish genus *Scopelengys* (Neoscopelidae) with a description of new species, *Scopelengys clarkei*, from the Central Pacific. *Fish. Bull. U. S.*, **74**: 142-150.
- CASTLE, P. H. J. 1969. An index and bibliography of eel larvae. *Rhodes Univ. Dept. Ichthyol. Spec. Publ.*, **7**, 121 p.
1970. Distribution, larval growth and metamorphosis of the eel *Derichthys serpentinus* Gill, 1884 (Pisces: Derichthyidae). *Copeia*, 1970: 444-452.
- CHACKO, P. I. 1950. Marine plankton from waters around the Krosadai Island. *Proc. Indian Natl. Sci. Acad. (B Biol. Sci.)*, **31**: 162-174.
- CHAO, L. N. 1978. A basis for classifying western Atlantic Sciaenidae (Teleostei, Perciformes). *NOAA Tech. Rep. NMFS Circ.*, **415**, 64 p.
- CLANCEY, J. F. 1956. A contribution to the life history of the fish, *Bregmaceros atlanticus* Goode and Bean, from the Florida Current. *Bull. Mar. Sci. Gulf Carrib.*, **6**: 233-260.
- COHEN, D. M. 1964. Suborder Argentinoidea. In *Fishes of the western North Atlantic*. Mem. Sears Found. Mar. Res., Part 4: 1-70.
1978. Moridae. FAO species identification sheets for fishery purposes: western Central Atlantic Fishing Area 31, FAO, Rome, Vol. III.
- COHEN, D. M., and S. P. ATSAIDES. 1969. Additions to a revision of argentine fishes. *Fish. Bull. U. S.*, **68**: 13-36.
- COHEN, D. M., and J. G. NIELSEN. 1978. Guide to the identification of genera of the fish order Ophidiiformes with a tentative classification of the order. *NOAA Tech. Rep. NMFS Circ.*, **417**, 72 p.
- COHEN, D. M., and J. L. RUSSO. 1979. Variations in the fourbeard rockling, *Enchelyopus cimbrius*, a North Atlantic gadid fish, with comments on the genera of rocklings. *Fish. Bull. U. S.*, **77**: 91-104.
- COLLETTE, B. B. 1974. *Strongylura hubbsi*, a new species of freshwater needlefish from the Usumacinta province of Guatemala and Mexico. *Copeia*, 1974: 611-619.
- COLLETTE, B. B., and L. N. CHAO. 1975. Systematics and biology of the bonitos (*Sarda*) and their relatives (Scombridae, Sardinini). *Fish. Bull. U. S.*, **73**: 516-625.
- COLLETTE, B. B., and N. V. PARIN. 1970. Needlefishes (Belonidae) of the eastern Atlantic Ocean. *Atlantide Rep.*, **11**: 7-60.
- COLLETTE, B. B., and J. L. RUSSO. 1979. An introduction to the Spanish mackerels, genus *Scomberomorus*. In *Proceedings of the Mackerel Colloquium*, E. L. Nakamura (ed.), Gulf States Mar. Fish. Com., p. 3-16.
- COLLETTE, B. B., R. H. GIBBS Jr., and G. E. CLIPPER. 1969. Vertebral numbers and identification of the two species of dolphin (*Coryphaena*). *Copeia*, 1969: 630-631.
- COLTON, J. B., Jr. 1961. The distribution of eyed flounder and lanternfish larvae in the Georges Bank area. *Copeia*, 1961: 274-279.
- COLTON, J. B., Jr., and K. A. HONEY. 1963. The eggs and larval stages of butterfish, *Poronotus triacanthus*. *Copeia*, 1963: 447-450.
- COLTON, J. B., Jr., and R. R. MARAK. MS 1969. Guide for identifying the common planktonic fish eggs and larvae of continental shelf waters, Cape Sable to Block Island. U. S. Nat. Mar. Fish. Serv., Northeast Fisheries Center, Woods Hole Lab. Ref. Doc., No. 69-9, 43 p.
- COWAN, G. I. McT. 1971. Comparative morphology of the cottid genus *Myoxocephalus* based on meristic, morphometric, and other anatomical characters. *Can. J. Zool.*, **49**: 1479-1496.
- COX, P. 1921. List of fishes collected in 1917 off the Cape Breton coast and Magdalen Islands. *Contr. Can. Biol.*, 1918-1920, p. 109-114.

1924. Larvae of the halibut (*Hippoglossus hippoglossus* L.) on the Atlantic coast of Nova Scotia. *Contr. Can. Biol.*, 1: 409-412.
- d'ANCONA, U. 1931. Clupeoidei, Heteromi, Apodes, Synetognathidae. In Uova, Larve e stadi giovanili di Teleostei. *Fauna Flora Golfo Napoli*, **38**: 1-21, 93-176.
1933. Gadidae. In Uova, larve e stadi giovanili di Teleostei. *Fauna Flora Golfo Napoli*, **38**: 178-255.
- d'ANCONA, U., and G. CAVINATO. 1965. The fishes of the family Bregmacerotidae. *Dana Rep.*, **64**, 92 p.
- DANNEVIG, A. 1919. Fish eggs and larvae. In Canadian fisheries expedition 1914-15 in the Gulf of St. Lawrence and Atlantic waters of Canada. J. Hjort (ed.), Can. Naval Serv., King's Printer, Ottawa, p. 1-80.
- DAVIS, W. P. 1966. A review of the dragonets (Pisces: Callionymidae) of the western Atlantic. *Bull. Mar. Sci.*, **16**: 834-862.
- deGAETANI, D. 1928. Uova y larve de *Physiculus dalwigki* Kp. *Mem. Com. Talassogr. Ital.*, **137**, 9 p.
1930. Stadio giovanile di *Astrodermus elegans* Bp. *Mem. Com. Talassogr. Ital.*, **171**, 8 p.
1940. Stadi larvali e giovanili di *Lichia glauca* Risso. *Mem. Com. Talassogr. Ital.*, **270**, 15 p.
- DEKHNIK, T. V. 1973. Ichthyoplankton of the Black Sea. Naukova Dymka., Kiev, 235 p.
- DELSMAN, H. C. 1926. Fish eggs and larvae from the Java Sea. 5. *Caranx kurra*, *macrosoma* and *crumenophthalmus*. *Treubia*, **8**: 199-211.
- DEMIR, M. 1963. Synopsis of biological data on bonito *Sarda sarda* (Block 1793). *FAO Fish. Synop.*, **6**(2): 101-129.
- DEMIR, N. 1976. Callionymidae of the northeastern North Atlantic. *ICES Fich. Ident. Zooplankton*, **148**: 1-5.
1982. On postlarvae and pelagic juveniles of rocklings, *Gaidropsarus mediterraneus* and *G. biscayensis*. *J. Mar. Biol. Assoc. U. K.*, **62**: 647-665.
- deSYLVA, D. P. 1963. Systematics and life history of the great barracuda, *Sphyraena barracuda* (Walbaum). *Stud. Trop. Oceanogr.*, **1**, 179 p.
- DEUBLER, E. E. 1958. A comparative study of the post-larvae of three flounders (*Paralichthys*) in North Carolina. *Copeia*, 1958: 112-116.
- DEUEL, D. G., J. R. CLARK, and A. J. MANSUETI. 1966. Description of embryonic and early larval stages of bluefish, *Pomatomus saltatrix*. *Trans. Amer. Fish. Soc.*, **95**: 264-271.
- DEVARAJ, M. 1975. Osteology and relationships of the Spanish mackerels and seerfishes of the tribe Scomberomorini. *Indian J. Fish.*, **22**: 1-67.
- DITTY, J. G. MS 1981. Comparative morphological development of *Peprilus burti*, *P. triacanthus*, and *P. paru* from the western North Atlantic. M.Sc. Thesis, Louisiana State Univ., New Orleans, USA., 49 p.
- DOOLEY, J. K. 1978. Systematics and biology of the tilefishes (Perciformes: Branchiostegidae and Malacanthidae), with descriptions of two new species. *NOAA Tech. Rep. NMFS Cir.*, **411**, 78 p.
- DOVEL, W., J. A. MIHURSKY, and A. J. McERLEAN. 1969. Life history aspects of the hogchoker, *Trinectes maculatus*, in the Patuxent River estuary, Maryland. *Chesapeake Sci.*, **10**(2): 104-119.
- DUNBAR, M. J. 1947. Marine young fish from the Canadian eastern Arctic. *Bull. Fish. Res. Bd. Canada*, **73**, 11 p.
- EBELING, A. W. 1962. Melamphaidae. I. Systematics and zoogeography of the species in the bathypelagic fish genus *Melamphaes* Günther. *Dana Rep.*, **58**: 164 p.
- EBELING, A. W., and W. H. WEED III. 1963. Melamphaidae. III. Systematics and distribution of the species in the bathypelagic fish genus *Scopelogadus* Vaillant. *Dana Rep.*, **60**, 58 p.
1973. Order Xenoberyces (Stephanoberyciformes). Family Melamphaidae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 6: 421-478.
- EGE, V. 1918. Stomiatidae. *Rep. Danish Oceanogr. Exped. Medit.* 1908-1910, Vol. II(A4), 28 p.
1930. The North Atlantic and Mediterranean species of the genus *Paralepis* Cuv. A systematic and biological investigation (Sudidae, *Paralepis*). *Rep. Danish Oceanogr. Exped. Medit.* 1908-1910, Vol. II(A13), 93 p.
1957. Paralepididae II (*Macroparalepis*). Taxonomy, ontogeny, phylogeny, and distribution. *Dana Rep.*, **43**, 101 p.
1958. *Omosudis* Günther, bathypelagic genus of fish. *Dana Rep.*, **47**, 19 p.
- EHRENBAUM, E. 1905. Eier und larven von fischen des Nordischen planktons, Teil I. *Verlag von Lipsius und Tischer, Kiel und Leipzig*, I: 1-216.
1909. Eier und larven von fischen Nordischen planktons, Teil II. *Verlag von Lipsius und Tischer, Kiel und Leipzig*, II: 217-413.
- ELDRED, B. 1967a. Larval bonefish, *Albula vulpes* (Linnaeus, 1758) (Albulidae), in Florida and adjacent waters. *Fla. Mar. Res. Lab. Leafl. Ser.*, **4**(3), 4 p.
- 1967b. Larval tarpon, *Megalops atlanticus* Valenciennes (Megalopidae), in Florida waters. *Fla. Mar. Res. Lab. Leafl. Ser.*, **4**(4), 9 p.
- 1967c. Eel larvae, *Leptocephalus tuberculatus* Castle, 1965 (Moringuidae), in south Atlantic waters. *Fla. Mar. Res. Lab. Leafl. Ser.*, **4**(5), 6 p.
- 1968a. The eel larvae, *Leptocephalus moringua edwardsi* (Jordan and Bollman, 1889) (Moringuidae), in the Florida Straits. *Fla. Mar. Res. Lab. Leafl. Ser.*, **4**(6), 5 p.
- 1968b. The larval development and taxonomy of the pigmy moray eel, *Anarchias yoshiae* Kanazawa, 1952. *Fla. Mar. Res. Lab. Leafl. Ser.*, **4**(10), 8 p.
- 1968c. Larvae and glass eels of the American freshwater eel, *Anguilla rostrata* (Lesueur, 1817), in Florida waters. *Fla. Mar. Res. Lab. Leafl. Ser.*, **4**(9), 4 p.
- ENNIS, G. P. 1969. Occurrence of the little sculpin, *Myoxocephalus aenaeus*, in Newfoundland waters. *J. Fish. Res. Bd. Canada*, **26**: 1689-1694.
- EVSEENKO, S. A. 1977a. Larvae of the deepwater flounder *Monolepis sessilicauda* Goode, 1880 (Pisces, Bothidae) from the northwestern Atlantic. *Bull. Mosc. Soc. Nat. (Biol.)*, **82**(2): 75-79 (in Russian).
- 1977b. Larval *Engyophrys sentus* Ginsburg, 1933 (Pisces, Bothidae) from the American Mediterranean Sea. *FAO Fish. Rep.*, No. 200: 171-186.
1978. Some data on metamorphosis of larvae of the genus *Bothus* (Pisces, Bothidae) from the Caribbean Sea. *Zool. Zh.*, **57**: 1040-1047 (in Russian).
1979. Larvae of the flounder *Cyclopsetta* Gill, 1888 (Bothidae, Pisces) from the northwestern Atlantic. *Biol. Morya (Vladivost.)*, **2**: 67-75 (in Russian).
1982. Ichthyoplankton of slope and Gulf Stream waters off Nova Scotia, late autumn 1974. *J. Northw. Atl. Fish. Sci.*, **3**: 127-139.
- EVSEENKO, S. A., and M. M. NEVINSKY. 1975. Spawning and development of witch flounder, *Glyptocephalus cynoglossus* L., in the Northwest Atlantic. *ICNAF Res. Bull.*, **11**: 111-123.

1981. On the development of the eggs and larvae of yellow-tailed dab *Limanda ferraginea* Storer and their passive transport in the northwestern Atlantic. *J. Ichthyol.*, **21**(5): 65-74.
- EVSEENKO, S. A., and V. P. SEREBRYAKOV. 1974. Larvae of *Diplospinus multistriatus* Maul (Pisces, Gempylidae) from the northwestern Atlantic. *J. Ichthyol.*, **14**: 92-98.
- FABER, D. J. 1976. Identification of four northern blennioid fish larvae in the Canadian Atlantic Ocean (Stichaeidae, Lumpenidae). *J. Fish. Res. Bd. Canada*, **33**: 1798-1802.
- FABLE, W. A., T. D. WILLIAMS, and C. R. ARNOLD. 1978. Description of reared eggs and young larvae of the spotted sea trout, *Cynoscion nebulosus*. *Fish. Bull. U. S.*, **76**: 65-71.
- FAGE, L. 1918. Shore fishes: Macrorhamphosidae, Ammodytidae, Atherinidae, Serranidae, Chilodipteridae, Cepolidae, Sparidae, Mullidae, Pomacentridae, Labridae, Caproidae, Scorpaenidae, Triglidae, Cyclopteridae, Trachinidae, Uranoscopidae, Callionymidae, Blenniidae, Ophidiidae. *Rep. Danish Oceanogr. Exped. Medit.* 1908-1910, Vol. II(A3), 154 p.
1920. Engraulidae, Clupeidae. *Rep. Danish Oceanogr. Exped. Medit.* 1908-1910, Vol. II(A9), 140 p.
- FAHAY, M. P. 1974. Occurrence of silver hake, *Merluccius bilinearis*, eggs and larvae along the middle Atlantic continental shelf during 1966. *Fish. Bull. U. S.*, **72**: 813-834.
1975. An annotated list of larval and juvenile fishes captured with surface-towed meter net in the South-Atlantic Bight during four RV *Dolphin* cruises between May 1967 and February 1968. *NOAA Tech. Rep. NMFS (Spec. Sci. Rep. Fish.)*, **685**, 39 p.
1976. *Paraxenomystax* sp., a muraenesocid leptocephalus in the western North Atlantic. *Copeia*, 1976: 210-211.
- FAHAY, M. P., and P. L. BERRIEN. 1981. Preliminary description of larval tilefish, *Lopholatilus chamaeleonticeps*. *ICES Rapp. Proc.-Verb.*, **178**: 600-602.
- FAHAY, M. P., and C. L. OBENCHAIN. 1978. Leptocephali of the ophichthid genera *Ahlia*, *Myrophis*, *Ophichthus*, *Pisodonophis*, *Callechelys*, *Letharchus*, and *Apterichtus* on the Atlantic continental shelf of the United States. *Bull. Mar. Sci.*, **28**: 442-486.
- FIELDS, H. M. 1962. Pompanos (*Trachinotus* spp.) of the south Atlantic coast of the United States. *Fish. Bull. U. S.*, **62**: 189-222.
- FOSTER, N. R. 1974. Order Atheriniformes. In Manual for identification of early developmental stages of fishes of the Potomac River estuary, A. J. Lippson and R. L. Moran (eds.), Power Plant Siting Prog., Maryland Dept. Nat. Res., p. 115-151.
- FOWLER, H. W. 1936. The marine fishes of West Africa. *Bull. Amer. Mus. Nat. Hist.*, **70**(Part II): 607-1493.
1945. A study of the fishes of the southern Piedmont and coastal plain. *Monogr. Acad. Nat. Sci. Philad.*, **7**, 408 p.
- FRUGE, D. J., and F. M. TRUESDALE. 1978. Comparative larval development of *Micropogon undulatus* and *Leiostomus xanthurus* (Pisces: Sciaenidae) from the northern Gulf of Mexico. *Copeia*, 1978: 643-648.
- FUIMAN, L. A. 1976. Notes on the early development of the sea raven, *Hemitripterus americanus*. *Fish. Bull. U. S.*, **74**: 467-470.
- FUTCH, C. R. 1971. Larvae of *Monolene sessilicauda* Goode, 1880 (Bothidae). *Fla. Dept. Nat. Resour. Mar. Res. Lab.*, Vol. IV (Part I), No. 21, 14 p.
1977. Larvae of *Trichopsetta ventralis* (Pisces: Bothidae), with comments on intergeneric relationships within the Bothidae. *Bull. Mar. Sci.*, **27**: 740-757.
- FUTCH, C. R., and F. H. HOFF. 1971. Larval development of *Syacium papillosum* (Bothidae) with notes on adult morphology. *Fla. Dept. Nat. Resour. Mar. Res. Lab.*, Vol. IV (Part I), No. 20, 22 p.
- GEHRINGER, J. W. 1956. Observations on the development of the Atlantic sailfish, *Istiophorus americanus* (Cuvier), with notes on an unidentified species of istiophorid. *Fish. Bull. U. S.*, **57**: 139-171.
- 1959a. Early development and metamorphosis of the ten pounder, *Elops saurus* Linnaeus. *Fish. Bull. U. S.*, **59**: 619-647.
- 1959b. Leptocephalus of the Atlantic tarpon, *Megalops atlanticus* Valenciennes, from offshore waters. *Q. J. Fla. Acad. Sci.*, **21**: 235-240.
- GIBBS, R. H., Jr. 1959. A synopsis of the postlarvae of western Atlantic lizard fishes (Synodontidae). *Copeia*, 1959: 232-236.
1964. Family Idiacanthidae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 4: 512-522.
- GIBBS, R. H., Jr., and B. B. COLLETTE. 1959. The identification, distribution and biology of the dolphins, *Coryphaena hippurus* and *C. equiselis*. *Bull. Mar. Sci. Gulf Caribb.*, **9**: 117-152.
- GIBBS, R. H., Jr., and N. J. WILIMOVSKY. 1966. Family Alepisauridae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 5: 482-497.
- GINSBURG, I. 1954. Whittings on the coasts of the American continents. *Fish. Bull. U. S.*, **56**: 187-208.
- GORBUNOVA, N. N., and O. A. ZVYAGINA. 1975. Eggs and larvae of the scaled sardine (*Harengula pensacolae*) (Pisces, Clupeidae). *J. Ichthyol.*, **15**: 829-833.
- GREY, M. 1955. The fishes of the genus *Tetragonurus* Risso. *Dana Rep.*, **41**, 75 p.
1964. Family Gonostomatidae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 4: 78-240.
- GUTHHERZ, E. J. 1967. Field guide to the flatfishes of the family Bothidae in the western North Atlantic. *U. S. Fish Wildl. Serv. Circ.*, No. 263, 47 p.
1970. Characteristics of some larval bothid flatfish and development and distribution of larval spotfin flounder, *Cyclopsetta fimbriata* (Bothidae). *Fish. Bull. U. S.*, **68**: 261-283.
- HAEDRICH, R. L. 1964. Food habits and young stages of Atlantic *Alepisaurus* (Pisces, Iniomi). *Breviora*, **201**, 15 p.
1966. The stromateoid fish genus *Icichthys*: notes and a new species. *Vidensk. Medd. Dan. Naturhist. Foren.*, **129**: 199-213.
1967. The stromateoid fishes: systematics and a classification. *Bull. Mus. Comp. Zool. Harv. Univ.*, **135**(2): 31-139.
1968. First record of *Ariomma* (Pisces, Stromateoidei) from the South Pacific, and comments on the elongate species of the genus. *Bull. Mar. Sci.*, **18**: 249-260.
- HAEDRICH, R. L., and M. H. HORN. 1969. A key to the stromateoid fishes. *Tech. Rep., Woods Hole Oceanogr. Inst.*, No. 69-70, 46 p.

1972. A key to the stromateoid fishes. *Tech. Rep., Woods Hole Oceanogr. Inst.*, No. 72-15, 46 p.
- HARDY, J. D., Jr., and R. K. JOHNSON. 1974. Descriptions of halfbeak larvae and juveniles from Chesapeake Bay (Pisces: Hemiramphidae). *Chesapeake Sci.*, **15**(4): 241-246.
- HARRINGTON, R. W. 1958. Morphometry and ecology of small tarpon, *Megalops atlantica* Valenciennes, from transitional stage through onset of scale formation. *Copeia*, 1958: 1-10.
- HENSLEY, D. A. 1977. Larval development of *Engyophrys senta* (Bothidae), with comments on intermuscular bones in flatfishes. *Bull. Mar. Sci.*, **27**: 681-703.
- HILDEBRAND, S. F. 1963. Family Clupeidae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 3: 257-385, 397-442, 452-454.
- HILDEBRAND, S. F., and L. E. CABLE. 1930. Development and life history of fourteen teleostean fishes at Beaufort, N. C. *Bull. U. S. Bur. Fish.*, **46**: 383-488.
1934. Reproduction and development of whiting or kingfishes, drums, spot, croaker, and weakfishes or sea trout family Sciaenidae of the Atlantic coast of the United States. *Bull. U. S. Bur. Fish.*, **48**: 41-117.
1938. Further notes on the development and life history of some teleosts at Beaufort, N. C. *Bull. U. S. Bur. Fish.*, **48**: 505-642.
- HOLT, E. W. L. 1895. Survey of fishing grounds, west coast of Ireland, 1890. I. On eggs and larvae of teleosteans. *Sci. Trans. Roy. Dubl. Soc.*, Ser. 2, **4**(7): 435-474.
1898. Contributions to our knowledge of the plankton of the Faroe Channel. 5. Report on a collection of very young fishes obtained by Dr. G. H. Fowler. *Proc. Zool. Soc. Lond.*, **66**: 550-566.
- HOLT, E. W. L., and L. W. BYRNE. 1903. On a young stage of the white sole, *Pleuronectes (Glyptocephalus) cynoglossus*. *Rep. Sea Int'l. Fish. Ire. for 1901*, Part II, Sci. Invest., App. 4: 67-69.
- HOLT, J., A. G. JOHNSON, C. R. ARNOLD, W. A. FABLE Jr., and T. D. WILLIAMS. 1981. Description of eggs and larvae of laboratory reared red drum, *Sciaenops ocellatus*. *Copeia*, 1981: 751-756.
- HORN, M. H. 1970. Systematics and biology of the stromateoid fishes of the genus *Peprilus*. *Bull. Mus. Comp. Zool. Harv. Univ.*, **140**(5): 165-261.
1972. Systematic status and aspects of the ecology of the elongate ariomnid fishes (suborder Stromateoidei) in the Atlantic. *Bull. Mar. Sci.*, **22**: 537-558.
1975. Swim-bladder state and structure in relation to behavior and mode of life in stromateoid fishes. *Fish. Bull. U. S.*, **73**: 95-109.
- HOUDE, E. D. 1972. Development and early life history of the northern sennet, *Sphyraena borealis* Dekay (Pisces: Sphyraenidae) reared in the laboratory. *Fish. Bull. U. S.*, **70**: 185-196.
1981. Distribution and abundance of four types of codlet (Pisces: Bremacerotidae) larvae from the eastern Gulf of Mexico. *Biol. Oceanogr. J.*, **1**(1): 81-104.
- HOUDE, E. D., and P. L. FORE. 1973. Guide to identity of eggs and larvae of some Gulf of Mexico clupeid fishes. *Fla. Mar. Res. Lab. Leafl. Ser.*, **4**(23), 14 p.
- HOUDE, E. D., and T. POTTHOFF. 1976. Egg and larval development of the sea bream *Archosargus rhomboidalis* (Linnaeus) (Pisces, Sparidae). *Bull. Mar. Sci.*, **26**: 506-529.
- HOUDE, E. D., and L. J. SWANSON Jr. 1975. Description of eggs and larvae of yellowfin menhaden, *Brevoortia smithii*. *Fish. Bull. U. S.*, **73**: 660-674.
- HOUDE, E. D., C. R. FUTCH, and R. DETWYLER. 1970. Development of the lined sole, *Achirus lineatus*, described from laboratory-reared and Tampa Bay specimens. *Fla. Mar. Res. Lab. Tech. Ser.*, **62**, 43 p.
- HOUDE, E. D., W. J. RICHARDS, and V. P. SAKSENA. 1974. Description of eggs and larvae of scaled sardine, *Harengula jaguana*. *Fish. Bull. U. S.*, **72**: 1106-1122.
- JAHN, A. E., and R. H. BACKUS. 1976. On the mesopelagic fish faunas of slope water, Gulf Stream, and northern Sargasso Sea. *Deep-Sea Res. Oceanogr. Abstr.*, **23**: 223-234.
- JANNKE, T. E. 1971. Abundance of young sciaenid fishes in Everglades National Park, Florida, in relation to season and other variables. *Sea Grant Tech. Bull. Miami Univ.*, **11**: 1-128.
- JENSEN, A. S. 1935. The Greenland halibut (*Reinhardtius hippoglossoides*), its development and migrations. *K. Dansk. Vidensk. Selsk. Skr.*, **9**(4): 1-32.
1942. Contribution to the ichthyofauna of Greenland 1-3. *Spolia Zool. Mus. Hauniensis*, **2**: 7-44.
- JESPERSEN, P. 1933. *Valencienellus tripunctulatus*. Faune Ichthyol. Altant. N., No. 14.
- JESPERSEN, P., and Å. V. TÅNING. 1919. Some Mediterranean and Atlantic Sternopychidae: preliminary note. *Videsnk. Medd. Dan. Naturhist. Foren.*, **70**: 215-228.
1926. Mediterranean Sternopychidae. *Rep. Danish Oceanogr. Exped. Medit.* 1908-1910, Vol. II(A12), 59 p.
- JOHNSON, G. D. 1978. Family Carangidae. In *Development of fishes of the Mid-Atlantic Bight: an atlas of egg, larval and juvenile stages. U. S. Dept. Interior, Fish. Wildl. Serv., Biol. Serv. Program*, Vol. 4: 15-120.
- JOHNSON, R. K. 1974. A revision of the alepisauroid family Scopelarchidae (Pisces: Myctophiformes). *Fieldiana (Zool.)*, **66**, 249 p.
1982. Fishes of the families Evermannellidae and Scopelarchidae: systematics, morphology, interrelationships and zoogeography. *Fieldiana [Zool. (n.s.)]*, No. 12, 252 p.
- JONES, P. W., F. D. MARTIN, and J. D. HARDY, Jr. 1978. Family Clupeidae. In *Development of fishes of the Mid-Atlantic Bight: an atlas of egg, larval and juvenile stages. U. S. Dept. Interior, Fish. Wildl. Serv., Biol. Serv. Program*, Vol. 1: 75-150.
- JONES, S. 1960a. Notes on eggs, larvae and juveniles of fishes from Indian waters. III, *Katsuwonus pelamus* (Linnaeus) and IV, *Neothunnus macropterus* (Temminck and Schlegel). *Indian J. Fish.*, **62**: 360-373.
- 1960b. On the snake mackerel, *Gempylus serpens* Cuvier, from the Laccadive Sea. *J. Mar. Biol. Assoc. India*, **2**(1): 85-88.
- JOSEPH, E. B., W. H. MASSMANN, and J. J. NORCROSS. 1964. The pelagic eggs and larval stages of the black drum from Chesapeake Bay. *Copeia*, 1964: 425-434.
- JUTARE, T. V. MS 1962. Studies on the biology of *Bothus ocellatus* with a description of a new species. M.Sc. Thesis, Univ. Miami, Florida, USA, 98 p.
- KENDALL, A. W., Jr. 1972. Descriptions of black sea bass, *Centropristes striata* (Linnaeus), larvae and their occurrence north of Cape Lookout, North Carolina, in 1966. *Fish. Bull. U. S.*, **70**: 1243-1260.
1977. Biological and fisheries data on black sea bass,

- Centropristes striata* (Linnaeus). U. S. Nat. Mar. Fish. Serv., Northeast Fisheries Center, Sandy Hook Lab. Tech. Ser. Rep., No. 7, 29 p.
1979. Morphological comparisons of North American sea bass larvae (Pisces: Serranidae). *NOAA Tech. Rep. NMFS Circ.*, **428**, 50 p.
- KENDALL, A. W., Jr., and M. P. FAHAY. 1979. Larva of the serranid fish *Gonioplectrus hispanus* with comments on its relationships. *Bull. Mar. Sci.*, **29**: 117-121.
- KENDALL, A. W., Jr., and L. A. WALFORD. 1979. Sources and distribution of bluefish, *Pomatomus saltatrix*, larvae and juveniles off the east coast of the United States. *Fish. Bull. U. S.*, **77**: 213-227.
- KHAN, N. Y. MS 1972. Comparative morphology and ecology of the pelagic larvae of nine Cottidae (Pisces) of the Northwest Atlantic and St. Lawrence drainage. Ph.D. Thesis, Univ. Ottawa, Ont., Canada, 233 p.
- KLAWE, W. L. 1961. Notes on larvae, juveniles and spawning of bonito (*Sarda*) from the eastern Pacific Ocean. *Pacif. Sci.*, **15**: 487-493.
- KLAWE, W. L., and B. M. SHIMADA. 1959. Young scombrid fishes from the Gulf of Mexico. *Bull. Mar. Sci. Gulf Caribb.*, **9**: 100-115.
- KOEFOED, E. 1958. Isospondyli. 2. Heterophotodermi. 1. *Rep. M. Sars N. Atlantic Deep-Sea Exped.*, **4**, Part II, No. 6, 17 p.
- KOVALEVSKAYA, N. V. 1963. Data on reproduction, development and distribution of larvae and young fish of *Oxyphorhamphus micropterus*. *Tr. Inst. Okeanol. SSSR*, **62**: 49-61 (in Russian).
1964. Study of the development of the two-winged flyingfishes of the genus *Exocoetus* (Exocoetidae, Pisces). *Tr. Inst. Okeanol. SSSR*, **73**: 204-223 (in Russian).
- KRAMER, D. 1960. Development of eggs and larvae of Pacific mackerel and distribution and abundance of larvae, 1952-56. *Fish. Bull. U. S.*, **60**: 393-438.
- KREVANOVSKY, S. G. 1956. Materials on the development of fish of the herring family. *Inst. Anim. Morphol. Acad. Sci. USSR*, **17**: 73-146 (in Russian).
- KUNTZ, A. 1915. The embryology and larval development of *Bairdiella chrysura* and *Anchovia mitchilli*. *Bull. U. S. Bur. Fish.*, **33**: 3-19.
- KUNTZ, A., and L. RADCLIFFE. 1917. Notes on the embryology and larval development of twelve teleostean fishes. *Bull. U. S. Bur. Fish.*, **35**: 87-134.
- KYLE, H. M. 1913. Flat-fishes (Heterosomata). *Rep. Danish Oceanogr. Exped. Medit.* 1908-1910, Vol. II(A1), 150 p.
- LAROCHE, J. L. MS 1980. Larval and juvenile abundance and distribution and larval food habits of five species of sculpins (family Cottidae) in Damariscotta River estuary. Ph.D. Thesis, Univ. of Maine, Orono, USA, 260 p.
- LAROCHE, W. A. 1981. Development of larval smooth flounder, *Liopsetta putnami*, with a redescription of development of winter flounder, *Pseudopleuronectes americanus* (family Pleuronectidae). *Fish. Bull. U. S.*, **78**: 897-909.
- LEGASPI, V. A. 1956. A contribution to the life history of the nomeid fish *Psenes cyanophrys* Cuvier and Valenciennes. *Bull. Mar. Sci. Gulf Caribb.*, **6**: 179-199.
- LEGENDRE, R. 1934. La faune pleagique de l'Atlantique au large du Golfe de Gascogne recueillie dans des estomacs de germons. 1. Poissons. *Annls. Inst. Oceanogr., Monaco*, **14**: 249-418.
- LEIBY, M. M. 1979a. Leptocephalus larvae of the eel family Ophichthidae. I. *Ophichthus gomesi* Castelnau. *Bull. Mar. Sci.*, **29**: 329-343.
- 1979b. Morphological development of the eel *Myrophis punctatus* (Ophichthidae) from hatching to metamorphosis, with emphasis on the developing head skeleton. *Bull. Mar. Sci.*, **29**: 509-521.
1981. Larval morphology of the eels *Bascanichthys bascanium*, *B. scutaris*, *Ophichthus melanoporus* and *O. ophis* (Ophichthidae), with a discussion of larval identification methods. *Bull. Mar. Sci.*, **31**: 46-71.
1982. Leptocephalus larvae of the tribe Sphagebranchini (Pisces, Ophichthidae) in the western North Atlantic. *Bull. Mar. Sci.*, **32**: 220-236.
- LEIM, A. H., and W. B. SCOTT. 1966. Fishes of the Atlantic coast of Canada. *Bull. Fish. Res. Bd. Canada*, **155**, 485 p.
- LEIS, J. M. 1977. Development of the eggs and larvae of the slender mola, *Ranzania laevis* (Pisces, Molidae). *Bull. Mar. Sci.*, **27**: 448-466.
1978. Systematics and zoogeography of the porcupine fishes (*Diodon*, Diodontidae, Tetradontiformes), with comments on egg and larval development. *Fish. Bull. U. S.*, **76**: 535-567.
- LEONARD, S. B. 1971. Larvae of the fourspot flounder, *Hippoglossina oblonga* (Pisces: Bothidae), from the Chesapeake Bight, western North Atlantic. *Copeia*, 1971: 676-681.
- LEWIS, R. M., E. P. H. WILKENS, and H. R. GORDY. 1972. A description of young Atlantic menhaden, *Brevoortia tyrannus*, in the White Oak estuary, North Carolina. *Fish. Bull. U. S.*, **70**: 115-118.
- LIPPSON, A. J., and R. L. MORAN (eds). 1974. Manual for the identification of early developmental stages of fishes of the Potomac River estuary. Power Plant Siting Prog., Maryland Dept. Nat. Res., p. 115-151.
- LITVINENKO, N. N. 1974. Coloration and other morphological characters distinguishing juvenile *Sebastes fasciatus* from juvenile *S. mentella* (Scorpaenidae). *J. Ichthyol.*, **14**: 591-595.
- LUND, W. A. Jr., and B. C. MARCY Jr. 1975. Early development of the grubby, *Myoxocephalus aenaeus* (Mitchill). *Biol. Bull. Mar. Biol. Lab. Woods Hole, Mass.*, **149**: 373-383.
- MAKUSHOK, V. M. 1958. The morphology and classification of Stichaeidae and allied families of fishes (Stichaeidae, Blennioidei, Pisces). *Tr. Zool. Inst. Acad. Sci. USSR*, **25**: 3-129 (in Russian).
- MANSUETI, A. J., and J. D. HARDY. 1967. Development of fishes of the Chesapeake Bay region: an atlas of egg, larval and juvenile stages. Part 1. Univ. of Maryland Inst. Nat. Resour., 202 p.
- MARAK, R. R. 1967. Eggs and early larval stages of the offshore hake, *Merluccius albidus*. *Trans. Amer. Fish. Soc.*, **96**: 227-228.
- MARKLE, D. F. 1982. Identification of larval and juvenile Canadian Atlantic gadoids with comments on the systematics of gadid subfamilies. *Can. J. Zool.*, **60**: 3420-3438.
- MARKLE, D. F., W. B. SCOTT, and A. C. KOHLER. 1980. New and rare records of Canadian fishes and the influence of hydrography on resident and nonresident Scotian Shelf ichthyofauna. *Can. J. Fish. Aquat. Sci.*, **37**: 49-65.
- MARSHALL, N. B. 1965. Systematic and biological studies on the macrourid fishes (Acanthini-Teleostii). *Deep-Sea Res.*, **12**: 299-322.

1966. Family Scopelosauridae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 5: 194-204.
1973. Family Macrouridae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 6: 496-665.
- MARSHALL, N. B., and D. M. COHEN. 1973. Order Anacanthini (Gadiformes). In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 6: 479-495.
- MARTIN, F. D., and G. E. DREWRY. 1978. Development of fishes of the Mid-Atlantic Bight: an atlas of egg, larval and juvenile stages. *U. S. Dept. Interior, Fish. Wildl. Serv., Biol. Serv. Program*, Vol. 6, 416 p.
- MATSUBARA, K., and T. IWAI. 1952. Studies on some Japanese fishes of the family Gempylidae. *Pacif. Sci.*, **6**(3): 193-212.
- MATSUMOTO, W. M. 1958. Description and distribution of larvae of four species of tuna in Central Pacific waters. *Fish. Bull. U. S.*, **58**: 31-72.
1959. Descriptions of *Euthynnus* and *Auxis* larvae from the Pacific and Atlantic oceans and adjacent seas. *Dana Rep.*, **50**, 34 p.
1962. Identification of larvae of four species of tuna from the Indo-Pacific region. *Dana Rep.*, **55**, 16 p.
1967. Morphology and distribution of larval wahoo, *Acanthocybium solandri* (Cuvier), in the Central Pacific Ocean. *Fish. Bull. U. S.*, **66**: 299-322.
- MATSUMOTO, W. M., E. H. AHLSTROM, S. JONES, W. L. KLAWE, W. J. RICHARDS, and S. UEYANAGI. 1972. On the clarification of larval tuna identification, particularly in the genus *Thunnus*. *Fish. Bull. U. S.*, **70**: 1-12.
- MATSUURA, Y. 1972. Egg development of scaled sardine *Harengula pensacolae* Goode and Bean (Pisces, Clupeidae). *Bol. Inst. Oceanogr., São Paulo*, **21**: 129-135.
1975. A study of the life history of Brazilian sardine, *Sardinella brasiliensis*. III. Development of sardine larvae. *Bol. Inst. Oceanogr., São Paulo*, **24**: 17-29.
- MAZZARELLI, G. 1912. Studi sui pesci bathypelagici dello Stretto di Messina. I. Larve stiloftalmoidi ('periscopiche' di Holt e Byrne) di Scopelidae e loro metamorfosi iniziale. *Riv. Mens. Pesca Idrobiol.*, **7**: 1-26, 129-134.
- McINTOSH, W. C., and E. E. PRINCE. 1890. On the development and life histories of the teleostean food and other fishes. *Trans. R. Soc. Edinb.*, **35**(Part III), No. 19.
- MCKENNEY, T. W. 1959. A contribution to the life history of the squirrel fish, *Holocentrus vexillarius* Poey. *Bull. Mar. Sci. Gulf Caribb.*, **9**: 174-221.
1961. Larval and adult stages of the stromateoid fish *Psenes regulus* with comments on its classification. *Bull. Mar. Sci. Gulf Caribb.*, **11**: 210-236.
- MCKENNEY, T. W., E. C. ALEXANDER, and G. L. VOSS. 1958. Early development and larval distribution of the carangid fish, *Caranx crysos* (Mitchell). *Bull. Mar. Sci. Gulf Caribb.*, **8**: 167-200.
- MCKENZIE, R. A. 1964. Smelt life history and fishery in the Miramichi River, New Brunswick. *Bull. Fish. Res. Bd. Canada*, **144**, 77 p.
- MEAD, G. W. 1966a. Family Chlorophthalmidae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 5: 162-189.
- 1966b. Families Bathysauridae and Bathypteroidae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 5: 103-146.
1972. Bramidae. *Dana Rep.*, **81**, 166 p.
- MEAD, G. W., E. BERTELSEN, and D. M. COHEN. 1964. Reproduction among deep-sea fishes. *Deep-Sea Res.*, **11**: 569-596.
- MERRETT, N. R. 1978. On the identity and pelagic occurrence of larval and juvenile stages of rattail fishes (family Macrouridae) from 60°N, 20°W and 53°N, 20°W. *Deep-Sea Res.*, **25**: 147-160.
- MILLER, D. MS 1958. A key to some of the more common larval fishes of the Gulf of Maine. *U. S. Nat. Mar. Fish. Serv., Woods Hole Lab. Misc. Rep.*, No. 58-1, 56 p.
- MILLER, D., and R. R. MARAK. 1959. The early larval stages of the red hake, *Urophycis chuss*. *Copeia*, 1959: 243-250.
1962. Early larval stages of the fourspot flounder, *Paralichthys oblongus*. *Copeia*, 1962: 454-455.
- MILLER, G. L., and S. C. JORGENSEN. 1973. Meristic characters of some marine fishes of the western Atlantic Ocean. *Fish. Bull. U. S.*, **71**: 301-312.
- MILLER, J. M., W. WATSON, and J. M. LEIS. 1979. An atlas of common near-shore marine fish larvae of the Hawaiian Islands. *Univ. Hawaii Sea Grant Misc. Rep.*, No. MR-30-02, 179 p.
- MITO, S. 1958. Eggs and larvae of *Tylosurus melanotus* (Bleeker) (Belonidae). In *Studies on the eggs, larvae and juveniles of Japanese fishes*, Uchida et al. (eds.). *J. Fac. Agric., Kyushu Univ.*, Ser. I, 22 p.
1960. Egg development and hatched larvae of the common dolphinfish, *Coryphaena hippurus* Linne. *Bull. Jap. Soc. Fish.*, **26**: 223-226.
- 1961a. Pelagic fish eggs from Japanese waters, I. Clupeina, Chanina, Stomiata, Myctophida, Anguillida, Belonida, and Syngnathida. *Sci. Bull. Fac. Agric. Kyushu Univ.*, **18**: 285-310.
- 1961b. Pelagic fish eggs from Japanese waters. II. Lamprida, Zeida, Mugilina, Scombrina, Carangina, and Stromateina. *Sci. Bull. Fac. Agric. Kyushu Univ.*, **18**: 451-466.
- MOOK, D. 1977. Larval and osteological development of the sheepshead, *Archosargus probatocephalus* (Pisces, Sparidae). *Copeia*, 1977: 126-133.
- MORROW, J. E., Jr. 1951. Studies on the marine resources of southern New England. VIII. The biology of the longhorn sculpin, *Myoxocephalus octodecemspinosis* Mitchell, with a discussion of the southern New England "trash" fishery. *Bull. Bingham Oceanogr. Coll.*, **13**: 1-89.
1964. Families Chauliodontidae and Stomiidae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 4: 274-310.
- MOSER, H. G., and E. H. AHLSTROM. 1970. Development of lanternfishes (family Myctophidae) in the California Current. Part I. Species with narrow-eyed larvae. *Bull. Los Angeles County Mus. Nat. Hist. Sci.*, **7**: 145 p.
1972. Development of the lanternfish, *Scopelopsis multipunctatus* Brauer 1906, with a discussion of its phylogenetic position in the family Myctophidae and its role in a proposed mechanism for the evolution of photophore patterns in lanternfishes. *Fish. Bull. U. S.*, **70**: 541-564.
1974. Role of larval stages in systematic investigations of marine teleosts: the Myctophidae, a case study. *Fish. Bull. U. S.*, **72**: 391-412.
- MOSER, H. G., E. H. AHLSTROM, and E. M. SANDKNOP. 1977. Guide to the identification of scorpionfish larvae (family Scorpaenidae) in the eastern Pacific with comparative notes on species of *Sebastes* and *Helicolenus* from other oceans. *NOAA Tech. Rep. NMFS Circ.*, **402**, 71 p.

- MUNRO, I. S. R. 1950. Revision of *Bregmaceros* with descriptions of larval stages from Australia. *Proc. Roy. Soc. Queensland*, **61**(5): 37-53.
- MUSICK, J. A. 1973. A meristic and morphometric comparison of the hakes, *Urophycis chuss* and *U. tenuis* (Pisces, Gadidae). *Fish. Bull. U. S.*, **71**: 479-488.
- MUSICK, J. A., and K. W. ABLE. 1969. Occurrence and spawning of the sculpin, *Triglops murrayi* (Pisces, Cottidae) in the Gulf of Maine. *J. Fish. Res. Bd. Canada*, **26**: 473-475.
- NAFPAKTITIS, B. G.; R. H. BACKUS, J. E. CRADDOCK, R. L. HAEDRICH, B. H. ROBISON, and C. KARNELLA. 1977. Family Myctophidae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 7: 13-265.
- NAPLIN, A., and C. L. OBENCHAIN. 1980. A description of eggs and larvae of the snake eel, *Pisodonophis cruentifer* (Ophichthidae). *Bull. Mar. Sci.*, **30**: 413-423.
- NELSON, J. S. 1976. *Fishes of the world*. John Wiley and Sons, New York, 416 p.
- NESTEROV, A. A., and T. A. SHIGANOVA. 1976. The eggs and larvae of the Atlantic saury, *Scomberesox saurus*, of the Northwest Atlantic. *J. Ichthyol.*, **16**: 277-283.
- NI, I-H. 1981a. Separation of sharp-beaked redfishes, *Sebastodes fasciatus* and *S. mentella*, from northeastern Grand Bank by morphology of extrinsic gasbladder musculature. *J. Northw. Atl. Fish. Sci.*, **2**: 7-12.
- 1981b. Numerical classification of sharp-beaked redfishes, *Sebastodes mentella* and *S. fasciatus* from northeastern Grand Bank. *Can. J. Fish. Aquat. Sci.*, **38**: 873-879.
- MS 1981. The use of vertebrae frequencies to indicate the distribution of sharp-beaked redfishes, *Sebastodes mentella* and *S. fasciatus*. NAFO SCR Doc., No. 70, Serial No. N354.
- NICHOLS, J. H. 1971. Pleuronectidae. *ICES Fiches Ident. Oeufs Larvae Poissons*, **4-6**, 18 p.
- NORCROSS, J. J., W. H. MASSMANN, and E. B. JOSEPH. 1961. Investigations of inner continental shelf waters of lower Chesapeake Bay. Part II. Sand lance larvae, *Ammodytes americanus*. *Chesapeake Sci.*, **2**: 49-59.
- NORCROSS, J. J., S. L. RICHARDSON, W. H. MASSMAN, and E. B. JOSEPH. 1974. Development of young bluefish (*Pomatomus saltatrix*) and the distribution of eggs and young in Virginia coastal waters. *Trans. Amer. Fish. Soc.*, **103**: 477-497.
- NORMAN, J. R. 1934. A systematic monograph of the flatfishes (Heterosomatidae). Vol. I: Psettodidae, Bothidae, Pleuronectidae. British Mus., London, 459 p.
- OKIYAMA, M. 1970. Studies on the early life history of the rainbow runner, *Elagatis bipinnulatus* (Quoy and Gaimard) in the Indo-Pacific Oceans. *Bull. Far Seas Fish. Res. Lab.*, **3**: 167-186.
1971. Early life history of the gonostomatid fish, *Maurolicus muelleri* (Gmelin), in the Japan Sea. *Bull. Japan Sea Fish. Res. Lab.*, **23**: 21-53.
1974. The larval taxonomy of the primitive myctophiform fishes. In *The early life history of fish*, J. H. S. Blaxter (ed.), Springer-Verlag, New York, p. 609-621.
- OKIYAMA, M., AND H. SANDO. 1976. Early life history of the sea raven, *Hemitripterus villosus* (Hemipterinae, Cottidae), in the Japan Sea. *Bull. Japan Sea Fish. Res. Lab.*, **27**: 1-10.
- OKIYAMA, M., AND S. UEYANAGI. 1978. Interrelationships of scombrid fishes: an aspect from larval morphology. *Bull. Far Seas Fish. Res. Lab.*, **16**: 103-113.
- OLNEY, J. E., and G. C. GRANT. 1976. Early planktonic larvae of blackcheek tonguefish, *Syphurus plagiura* (Pisces: Cynoglossidae), in the lower Chesapeake Bay. *Chesapeake Sci.*, **17**: 229-237.
- OLNEY, J. E., and D. F. MARKLE. 1979. Description and occurrence of vexillifer larvae of *Echiodon* (Pisces: Carapidae) in the western North Atlantic and notes on other carapid vexillifers. *Bull. Mar. Sci.*, **29**: 365-379.
- O'TOOLE, M. J., and D. P. F. KING. 1974. Early development of the round herring, *Etrumeus teres* (DeKay) from the southeast Atlantic. *Vie et Milieu, Ser. A*, **24**: 443-452.
- OZAWA, T. 1976. Early life history of the gonostomatid fish, *Pollimchthys mauli*, in the oceanic region off southern Japan. *Jap. J. Ichthyol.*, **23**(1): 43-54.
1978. Notosudid fish larvae in the ocean off Japan. *Jap. J. Ichthyol.*, **25**(2): 79-88.
- PADOA, E. 1956a. Callionymidae. In *Uova, larve e stadi giovanili di Teleostei. Fauna Flora Golfo Napoli*, **38**: 697-708.
- 1956b. Carapidae. In *Uova, larve e stadi giovanili di Teleostei. Fauna Flora Golfo Napoli*, **38**: 761-774.
- 1956c. Ophidiidae. In *Uova, larve e stadi giovanili di Teleostei. Fauna Flora Golfo Napoli*, **38**: 755-761.
- PARIN, N. V., and V. E. BECKER. 1972. Materials on taxonomy and distribution of some trichiuroid fishes (Pisces, Trichiuridae: Scombrolabracidae, Gempylidae and Trichiuridae). *Tr. Inst. Okeanol. SSSR*, **93**: 110-204 (in Russian).
- PARIN, N. V., and N. N. GORBUNOVA. 1966. On the reproduction and development of some synentognathous fishes (Beloniformes, Pisces) of the Indian Ocean (based on the collections of the RV *Vitiaz*). In *Fishes of the Pacific and Indian Oceans, biology and distribution*, T. S. Rass (ed.), *Trans. Inst. Okeanol. Acad. Sci. USSR*, **73**: 237-248.
- PARIN, N. V., B. B. COLLETTE, and Yu. N. SHCHERBACHEV. 1980. Preliminary review of the marine halfbeaks (Hemiramphidae, Beloniformes) of the tropical Indo-Pacific. *Tr. Inst. Okeanol. SSSR*, **97**: 7-173 (in Russian).
- PEARCY, W. G. 1962. Distribution and origin of demersal eggs within the order Pleuronectiformes. *ICES J. Cons.*, **27**: 235.
- PEARSON, J. C. 1929. Natural history and conservation of the redfish and other commercial sciaenids on the Texas coast. *Bull. U. S. Bur. Fish.*, **44**: 129-214.
1941. The young of some marine fishes taken in lower Chesapeake Bay, Virginia, with special reference to the gray sea trout, *Cynoscion regalis* (Block). *Fish. Bull. U. S.*, **36**, 77-102.
- PERLMUTTER, A. 1939. A biological survey of the salt waters of Long Island, 1938. Part II, Sect. I. An ecological survey of young fish and eggs identified from tow-net collections. N. Y. Conserv. Dept. Saltwater Survey, 1938(15): 11-71.
- PERTSEVA-OSTROUMOVA, T. A. 1974. New data on lanternfish larvae (Myctophidae, Pisces) with oval eyes from the Indian and Pacific Oceans. *Tr. Inst. Okeanol. SSSR*, **96**: 77-142 (in Russian).
- PERTSEVA-OSTROUMOVA, T. A., and T. S. RASS. 1973. Ichthyoplankton of the south-eastern Pacific Ocean. *Tr. Inst. Okeanol. SSSR*, **94**: 7-70 (in Russian).
- PETERSEN, C. G. J. 1904. On the larval and postlarval stages of the long rough dab and the genus *Pleuronectes*.

- Meddr. Komm. Havunders. Ser. Fisk.*, **1**(1), 12 p.
- PIETSCH, T. W. 1974. Osteology and relationships of ceratioid anglerfishes of the family Oneirodidae, with a review of the genus *Oneirodes* Lutken. *Bull. Los Angeles County Mus. Nat. Hist. Sci.*, **18**, 113 p.
1978. A new genus and species of ceratioid anglerfish from the North Pacific Ocean with a review of the allied genera *Ctenochirichthys*, *Chiophryne* and *Leptocanthichthys*. *Contrib. Sci. Los Angeles*, **297**, 25 p.
1979. Systematics and distribution of ceratioid anglerfishes of the family Caulophrynidae with the description of a new genus and species from the Banda Sea. *Contrib. Sci. Los Angeles*, **310**, 25 p.
- PIETSCH, T. W., and J. A. SEIGEL. 1980. Ceratioid anglerfishes of the Philippine archipelago, with descriptions of five new species. *Fish. Bull. U. S.*, **78**: 379-399.
- PIETSCH, T. W., and J. P. VANDUZER. 1980. Systematics and distribution of ceratioid anglerfishes of the family Melanocetidae with the description of a new species from the eastern North Pacific Ocean. *Fish. Bull. U. S.*, **78**: 59-87.
- POTTHOFF, T. 1971. Observations on two species of dolphin (*Coryphaena*) from the tropical mid-Atlantic. *Fish. Bull. U. S.*, **69**: 877-879.
1974. Osteological development and variation in young tunas, genus *Thunnus* (Pisces, Scombridae) from the Atlantic Ocean. *Fish. Bull. U. S.*, **72**: 563-588.
1975. Development and structure of the caudal complex, the vertebral column, and the pterygiophores in the blackfin tuna (*Thunnus atlanticus*, Pisces, Scombridae). *Bull. Mar. Sci.*, **25**: 205-231.
1980. Development and structure of fins and fin supports in dolphin fishes *Coryphaena hippurus* and *C. equiselis* (Coryphaenidae). *Fish. Bull. U. S.*, **78**: 277-312.
- POTTHOFF, T., and S. KELLEY. 1982. Development and structure of the vertebral column, fins and fin supports, branchiostegal rays and squamation in the swordfish (*Xiphias gladius*, Pisces, Xiphiidae). *Fish. Bull. U. S.*, **80**: 161-186.
- POTTHOFF, T., and W. J. RICHARDS. 1970. Juvenile bluefin tuna, *Thunnus thynnus* (Linnaeus), and other scombrids taken by terns in the Dry Tortugas, Florida. *Bull. Mar. Sci.*, **20**: 389-413.
- POTTHOFF, T., W. J. RICHARDS, and S. UEYANAGI. 1980. Development of *Scombrolabrax heterolepis* (Pisces, Scombrolabracidae) and comments on familial relationships. *Bull. Mar. Sci.*, **30**: 329-357.
- POWELL, A. B., and H. R. GORDY. 1980. Egg and larval development of the spot, *Leiostomus xanthurus* (Sciaenidae). *Fish. Bull. U. S.*, **78**: 701-714.
- POWLES, H. 1977. Description of larval *Jenkinsia lamprotaenia* (Clupeidae, Dussumieriinae) and their distribution off Barbados, West Indies. *Bull. Mar. Sci.*, **27**: 788-801.
1980. Descriptions of larval silver perch, *Bairdiella chrysoura*, banded drum, *Larimus fasciatus*, and star drum, *Stellifer lanceolatus* (Sciaenidae). *Fish. Bull. U. S.*, **78**: 119-136.
- POWLES, H., and B. W. STENDER. 1978. Taxonomic data on early life history stages of Sciaenidae of the South Atlantic Bight of the United States. *S. Carolina Mar. Res. Center Tech. Rep.*, No. **31**, 64 p.
- RAJU, N. S. 1974. Three new species of the genus *Monognathus* and the leptocephali of the order Saccopharyngiformes. *Fish. Bull. U. S.*, **72**: 547-562.
- RASS, T. S. 1949. The composition of the fish fauna of the Barents Sea and the taxonomic features of the eggs and larvae of the fish of this reservoir. *Trudy VNIRO*, **17**: 7-67 (in Russian).
- REAY, P. J. 1970. Synopsis of biological data on North Atlantic sand eels of the genus *Ammodytes*, *A. tobianus*, *A. dubius*, *A. americanus*, and *A. marinus*. *FAO Fish. Synop.*, **82**: v + 41 p.
- RICE, H. J. 1878. Notes on the development of the shad, *Alosa sapidissima*. *Rep. Comm. Fish. Maryland*, 1878: 95-106.
- RICHARDS, S. W., J. M. MANN, and J. A. WALKER. 1979. Comparison of spawning seasons, age, growth rates, and food of two sympatric species of searobins, *Prionotus carolinus* and *Prionotus evolans*, from Long Island Sound. *Estuaries*, **2**(4): 255-268.
- RICHARDS, S. W., A. PERLMUTTER, and D. C. McANENY. 1963. A taxonomic study of the genus *Ammodytes* from the east coast of North America (Teleostei: *Ammodytes*). *Copeia*, 1963: 358-377.
- RICHARDS, W. J. 1969. Elopoid leptocephali from Angolan waters. *Copeia*, 1969: 515-518.
- RICHARDS, W. J., and T. POTTHOFF. 1974. Analysis of the taxonomic characters of young scombrid fishes, genus *Thunnus*. In *The early life history of fish*, J. H. S. Blaxter (ed.), Springer-Verlag, New York, p. 623-648.
- RICHARDS, W. J., R. V. MILLER, and E. D. HOODE. 1974. Eggs and larval development of the Atlantic thread herring, *Opisthonema oglinum*. *Fish. Bull. U. S.*, **72**: 1123-1136.
- RICHARDSON, S. L. 1974. Eggs and larvae of the ophichthid eel, *Pisodonophis cruentifer*, from the Chesapeake Bight, western North Atlantic. *Chesapeake Sci.*, **15**(3): 151-154.
1981. Current knowledge of northeast Pacific sculpin larvae (family Cottidae) with notes on relationships within the family. *ICES Rapp. Proc.-Verb.*, **178**: 603-604.
- RICHARDSON, S. L., and E. B. JOSEPH. 1973. Larvae and young of western North Atlantic bothid flatfishes *Etropus microstomus* and *Citharichthys arctifrons* in the Chesapeake Bight. *Fish. Bull. U. S.*, **71**: 735-767.
- RICHARDSON, S. L., and J. D. McEACHRAN. 1981. Identification of small (<3 mm) larvae of king and Spanish mackerel, *Scomberomorus cavalla* and *S. maculatus*. *North-east. Gulf Sci.*, **5**(1): 75-79.
- ROBERTSON, D. A. 1975. Planktonic stages of the teleost family Carapidae in eastern New Zealand waters. *N.Z. J. Mar. Freshwat. Res.*, **9**: 403-409.
1976. Planktonic stages of *Maurolicus muelleri* (Teleostei: Sternopychidae) in New Zealand waters. *N. Z. J. Mar. Freshwat. Res.*, **10**: 311-328.
1977. Planktonic eggs of the lanternfish, *Lampanyctodes ictoris* (family Myctophidae). *Deep-Sea Res.*, **24**: 849-852.
- ROBINS, C. R., R. M. BAILEY, C. E. BOND, J. R. BROOKER, E. A. LACHNER, R. N. LEA, and W. B. SCOTT. 1980. A list of common and scientific names of fishes from the United States and Canada. *Spec. Publ. Amer. Fish. Soc.*, No. 12, 174 p.
- ROFEN, R. R. 1966. Families Paralepididae (barracudinas), Omosudidae, Evermannellidae and Scopelarchidae. In *Fishes of the western North Atlantic. Mem. Sears Found. Mar. Res.*, Part 5: 205-481, 511-602.
- ROTHSCHILD, B. J., and E. E. DEUBLER. 1960. *Paralichthys squamiventris* Jordan and Gilbert from North Carolina. *Copeia*, 1960: 254-255.

- ROULE, L. 1924. Etude sur l'ontogenese et la croissance avec hypermetamorphose de *Luvarus imperialis* Raf. *Ann. Inst. Oceanogr. Monaco* (n.s.), **1**: 119-157.
- RUDOMETKINA, G. P. 1980. Larvae of the lizardfish (family Synodontidae) from the eastern Tropical Atlantic. *J. Ichthyol.*, **20**(3): 147-152.
- RUSSELL, F. S. 1976. The eggs and planktonic stages of British marine fishes. Academic Press, London, 524 p.
- SANZO, L. 1913. Larva di *Ichthyococcus ovatus*. *Mem. Com. Talassogr. Ital.*, **27**, 7 p.
1914. Stadi larvali di *Chauliodus sloani* Bl. *Mem. Com. Talassogr. Ital.*, **39**, 7 p.
1915. Stadi larvali di *Bathophilus nigerrimus* Gigl. *Mem. Com. Talassogr. Ital.*, **48**, 10 p.
1917. Stadi larvali di *Paralepis hyalina* C.V. *Mem. Com. Talassogr. Ital.*, **59**, 7 p.
1918. Nuovo contributo alla conoscenza dello sviluppo larvale di *Stomias boa* Risso. *Atti Accad. Naz. Lincei*, R.C., Ser. 5, **27**: 77-82.
1922. Uova e larva di *Xiphias gladius* L. *Mem. Com. Talassogr. Ital.*, **79**, 17 p.
1930. Uova, sviluppo embrionale, stadi larvali, post larvali e giovanili di Sternoptychidae. 2. *Ichthyococcus ovatus*. *Mem. Com. Talassogr. Ital.*, **2**: 71-119.
- 1931a. Salmonoidei and Stomiatoidei. In Uova, larve e stadi giovanili di Teleostei. *Fauna Flora Golfo Napoli*, **38**: 21-92.
- 1931b. Uova, stadi embrionali e postembrionali di *Naucrates ductor* L. *Mem. Com. Talassogr. Ital.*, **185**, 14 p.
- 1932a. Uova e primi stadi larvali di *Pelamys sarda* C. V. *Mem. Com. Talassogr. Ital.*, **188**, 9 p.
- 1932b. Uova, stadi larvali e giovanili di *Centrolophus pomphilus* C. V. *Mem. Com. Talassogr. Ital.*, **196**, 16 p.
- 1933a. Macruridae. In Uova, larve e stadi giovanili di Teleostei. *Fauna Flora Golfo Napoli*, **38**: 255-265.
- 1933b. Uova, larve e stadi giovanili di *Seriola dumerilii* Risso. *Mem. Com. Talassogr. Ital.*, **205**, 12 p.
1934. Uova, stadi larvali e giovanili di *Dactylopterus volitans* L. *Mem. Com. Talassogr. Ital.*, **207**, 26 p.
1940. Sviluppo embrionale e larva appena schiusa di *Scomberesox saurus* (Walb.). *Mem. Com. Talassogr. Ital.*, **276**, 6 p.
- SAUSKAN, V. I., and V. P. SEREBRYAKOV. 1968. Reproduction and development of the silver hake (*Merluccius bilinearis* Mitchell). *J. Ichthyol.*, **8**: 398-414.
- SCHERER, M. D., and D. W. BOURNE. 1980. Eggs and early larvae of smallmouth flounder, *Etropus microstomus*. *Fish. Bull. U. S.*, **77**: 708-712.
- SCHMIDT, E. J. 1904. On the pelagic post-larval halibut *Hippoglossus vulgaris* Flem. and *H. hippoglossoides* (Walb.). *Medd. Komm. Dan. Fisk. Havunders.*, Ser. Fisk., **1**(3), 13 p.
- 1905a. The pelagic post-larval stages of the Atlantic species of *Gadus*, Part I. *Medd. Komm. Dan. Fisk. Havunders.*, Ser. Fisk., **1**(4), 77 p.
- 1905b. On the larval and post-larval stages of the torsk (*Bromius brosme* (Ascan.) *Medd. Komm. Dan. Fisk. Havunders.*, Ser. Fisk., **1**(8), 11 p.
- 1906a. The pelagic post-larval stages of the Atlantic species of *Gadus*, Part II. *Medd. Komm. Dan. Fisk. Havunders.*, Ser. Fisk., **2**(2), 20 p.
- 1906b. On the larval and post-larval development of the argentine *Argentina silus* (Ascan.) and *Argentina sphyraena* (Linné) with some notes on *Mallotus villosus* (O. F. Müller). *Medd. Komm. Dan. Fisk. Havunders.*, Ser. Fisk., **2**(4), 29 p.
1908. On the post-larval stages of the john dory (*Zeus faber* L.) and some other acanthopterygian fishes (*Capros aper* Lacepède, *Agonus cataphractus* (L.)). *Medd. Komm. Dan. Fisk. Havunders.*, Ser. Fisk., **2**(9), 12 p.
1916. On the early larval stages of the freshwater eels (*Anguilla*) and some other North Atlantic muraenoids. *Medd. Komm. Dan. Fisk. Havunders.*, Ser. Fisk., **5**(4), 20 p.
1918. Argentinidae, Microstomidae, Opisthotroctidae, Mediterranean Odontostomidae. *Rep. Danish Oceanogr. Exped. Medit.* 1908-1910, Vol. II(A5): 1-40.
- 1921a. New studies of sun-fishes made during the Dana Expedition, 1920. *Nature (Lond.)*, **107**: 76-79.
- 1921b. Contributions to the knowledge of the young of sunfishes (*Mola* and *Ranzania*). *Medd. Komm. Dan. Fisk. Havunders.*, Ser. Fisk., **6**, 15 p.
- SCHMIDT, E. J., and A. STRUBBERG. 1918. Mediterranean Bramidae and Trichiuridae. *Rep. Danish Oceanogr. Exped. Medit.* 1908-1910, Vol. II(Biol.): 7-15.
- SCHNAKENBACK, W. 1931. Carangidae. *Rep. Danish Oceanogr. Exped. Medit.*, 1908-1910, Vol. II(A14), 20 p.
- SCHULTZ, L. P. 1964. Family Sternoptychidae. In *Fishes of the western North Atlantic*. *Mem. Sears Found. Mar. Res.*, Part 4: 241-273.
- SEREBRYAKOV, V. P. 1978. Development of the spotted hake, *Urophycis regius*, from the northwestern Atlantic. *J. Ichthyol.*, **18**: 793-799.
- MS 1980. Fish eggs and larvae from the Flemish Cap area. *NAFO SCR Doc.*, No. 90, Serial No. N145.
- SETTE, O. E. 1943. Biology of the Atlantic mackerel (*Scomber scombrus*) of North America, Part. I. Early life history, including the growth, drift, and mortality of egg and larval populations. *Fish. Bull. U. S.*, **38**: 149-237.
- SHIGANOVA, T. A. 1974. Postembryonic development of *Hygophum benoiti* (Myctophidae, Pisces). *J. Ichthyol.*, **14**: 746-754.
- SHORES, D. L. 1969. Postlarval *Sudis* (Pisces: Paralepididae) in the Atlantic Ocean. *Breviora*, **334**, 14 p.
- SILAS, E. G., and K. C. GEORGE. 1969. On the larval and postlarval development and distribution of mesopelagic fish *Vinciguerria nimbaria* (Jordan and Williams) (family Gonostomatidae) off the west coast of India and the Laccadive Sea. *J. Mar. Biol. Assoc. India*, **11**: 218-250.
- SIMPSON, J. G., and G. GONZALEZ. 1967. Some aspects of the early life history and environment of the sardine *Sardinella anchovia*, in eastern Venezuela. *Ser. Recurs. Explor. Pesq. Invest. Pesq. Minist. Agric. Cria (Venez)*, **1**(2): 85-92.
- SMITH, D. G. 1969. Xenocongrid eel larvae in the western North Atlantic. *Bull. Mar. Sci.*, **19**: 377-408.
1979. Guide to the leptocephali (Elopiformes, Anguilliformes, and Notacanthiformes). *NOAA Tech. Rep. NMFS Circ.*, **424**, 39 p.
1980. Early larvae of the tarpon, *Megalops atlantica* Valenciennes (Pisces: Elopidae), with notes on spawning in the Gulf of Mexico and the Yucatan Channel. *Bull. Mar. Sci.*, **30**: 136-141.
- SMITH, D. G., and M. M. LEIBY. 1980. The larvae of the congrid eel *Acromycter alcocki* (Pisces: Anguilliformes), and the distinction between congrid and ophichthid larvae. *Proc. Biol. Soc. Washington*, **93**: 388-394.

- SMITH, D. G., J. E. BÖHLKE, and P. H. J. CASTLE. 1981. A revision of the nettastomatid eel genera *Nettastoma* and *Nettenchelys* (Pisces: Anguilliformes), with descriptions of six new species. *Proc. Biol. Soc. Washington*, **94**: 535-560.
- SMITH, H. M. 1907. The fishes of North Carolina. N. Carolina Geological and Economic Survey, 1907, Vol. II, 453 p.
- SMITH, W. G., and M. P. FAHAY. 1970. Description of eggs and larvae of the summer flounder, *Paralichthys dentatus*. *Res. Rep. U. S. Fish. Wildl. Serv.*, No. 75, 21 p.
- SMITH, W. G., J. D. SIBUNKA, and A. WELLS. 1975. Seasonal distribution of larval flatfishes (Pleuronectiformes) on the continental shelf between Cape Cod, Massachusetts, and Cape Lookout, North Carolina. *NOAA Tech. Rep. NMFS (Spec. Sci. Rep. Fish.)*, **691**, 68 p.
- SPARTA, A. 1926. Uova e larve di *Fierasfer dentatus* Cuv. *Mem. Com. Talassogr. Ital.*, **122**, 7 p.
1951. Rarissimi stadi larvali e giovanili di *Myctophum glaciale* (Reinhardt). *Boll. Pesca Piscic Idrobiol.*, **6**: 101-107.
1952. Contributo alla conoscenza dello sviluppo larvali di *Myctophum metopoclampum* Cocco. *Boll. Pesca Piscic Idrobiol.*, **7**: 5-10.
- STEENSTRUP, J., and C. LÜKTEN. 1862. *Vidensk. Medd. dan Naturhist. Foren.*, 1861, p. 276-283.
- STEYSKAL, G. C. 1980. The grammar of family-group names as exemplified by those of fishes. *Proc. Biol. Soc. Washington*, **93**: 168-177.
- STRASBURG, D. W. 1961. Larval carapid fishes from Hawaii, with remarks on the ecology of adults. *Copeia*, 1961: 478-480.
1964. Postlarval scombrid fishes of the genera *Acanthocybium*, *Nealotus*, and *Diplospinus* from central Pacific Ocean. *Pacif. Sci.*, **18**(2): 174-185.
1965. Description of the larval and familial relationships of the fish *Synderidia canina*. *Copeia*, 1965: 20-24.
- SUBRAHMANYAN, C. B. 1964. Eggs and early development of a carangid from Madras. *J. Mar. Biol. Assoc. India*, **6**(1): 142-146.
- SULAK, K. J. 1977. The systematics and biology of *Bathypterois* (Pisces, Chlorophthalmidae) with a revised classification of benthic myctophiform fishes. *Galathia Rep.*, **14**: 49-108.
- SULLIVAN, W. E. 1915. A description of the young stages of the winter flounder. *Trans. Amer. Fish. Soc.*, **44**: 125-137.
- SVETOVIDOV, A. N. 1948. Gadiformes. *Fauna SSSR*, IX(4) (Transl. from Russian by the Israel Prog. for Sci. Transl., Jerusalem, 1962.)
- TÅNING, Å. V. 1918. Mediterranean Scopelidae (*Saurus*, *Aulopus*, *Chlorophthalmus* and *Myctophum*). *Rep. Danish Oceanogr. Exped. Medit.* 1908-1910, Vol. II(A7), 154 p.
1923. *Lophius*. *Rep. Danish Oceanogr. Exped. Medit.* 1908-1910, Vol. II(A10), 30 p.
1931. Post-larval stages of *Bathylagus* from the North Atlantic. *Vidensk. Medd. Dan. Naturhist. Foren.*, **92**: 269-274.
1955. On breeding areas of the swordfish (*Xiphias*). *Deep-Sea Res.*, **3**(Suppl.): 438-450.
1961. Larval and postlarval stages of *Sebastes* species and *Helicolenus dactylopterus*. *ICES Rapp. Proc. Verb.*, **150**: 234-240.
- TEMPLEMAN, W. 1948. The life history of the capelin (*Mallotus villosus* O. F. Müller) in Newfoundland waters. *Res. Bull. Dept. Natural Resources, Nfld.*, **17**: 151 p.
1980. Incidence of subcaudal melanophores in pre-extrusion larvae of redfish species in the Newfoundland-Labrador area. *J. Northw. Atl. Fish. Sci.*, **1**: 7-19.
- TEMPLEMAN, W., and E. J. SANDEMAN. 1959. Variations in caudal pigmentation in late-stage pre-extrusion larvae from *marinus*-type and *mentella*-type female redfish from the Newfoundland area. *J. Fish. Res. Bd. Canada*, **16**: 763-789.
- TORTONESE, E. 1956. Family Molidae. In *Uova, larve e stadi giovanili di Teleostei. Fauna Flora Golfo Napoli*, **38**: 965-971.
- TUCKER, J. W., Jr. 1982. Larval development of *Citharichthys cornutus*, *C. gymnorhinus*, *C. spilopterus* and *Etropus crossotus* (Bothidae) with notes on larval occurrence. *Fish. Bull. U. S.*, **80**: 35-74.
- UCHIDA, K. S. I., S. MITO, S. FUJITA, M. UENO, Y. SHOJIMA, T. SENTA, M. TAHUKU, and Y. DOTU. 1958. Studies of the eggs, larvae, and juveniles of Japanese fishes. *Sci. Bull. Fac. Agric. Kyushu Univ.*, 89 p.
- UEYANAGI, S. 1963. Methods for the identification of five istiophorid species distributing in the Indo-Pacific. *Rep. Nankai Fish. Res. Lab.*, **17**: 137-150.
- VanGUELLEN, L. 1980. Taxonomic variability and criteria for distinguishing larval and juvenile stages of *Limanda ferruginea* and *Hippoglossoides platessoides* (Pisces: Pleuronectidae) from the Scotian Shelf. *Can. J. Zool.*, **58**: 202-206.
- VLADYKOV, V. D. 1933. Biological and oceanographic conditions in Hudson Bay. 9. Fishes from the Hudson Bay region (except the Coregonidae). *Contr. Can. Biol. Fish.*, **8**: 13-61.
1955. Poissons du Quebec. Eels. *Que. Dept. Fish., Album*, **6**, 12 p.
- VLADYKOV, V. D., and H. MARCH. 1975. Distribution of leptocephali of the two species of *Anguilla* in the western North Atlantic, based on collections made between 1933-1968. *Syllogeus*, **6**, 38 p.
- VODIANITSKII, V. A., and I. I. KAZANOVA. 1954. Diagnostic description of the eggs and larvae of the Black Sea fishes. *Trudy VNIR*, **28**: 240-327 (in Russian).
- VOSS, G. L. 1954. The postlarval development of the fishes of the family Gempylidae from the Florida Current. I. *Nesiarchus Johnson* and *Gempylus* Cuv. and Val. *Bull. Mar. Sci. Gulf Caribb.*, **4**: 120-154.
- WADE, R. A. 1962. The biology of the tarpon, *Megalops atlanticus*, and the ox-eye *Megalops cyprinoides* with emphasis on larval development. *Bull. Mar. Sci. Gulf Caribb.*, **12**: 545-622.
- WARFEL, H. E., and D. MERRIMAN. 1944. The spawning habits, eggs and larvae of the sea raven, *Hemitripterus americanus*, in southern New England. *Copeia*, 1944: 197-205.
- WEITZMAN, S. H. 1974. Osteology and evolutionary relationships of the Sternopychidae, with a new classification of stomiatoid families. *Bull. Amer. Mus. Nat. Hist.*, **153**: 331-478.
- WELSH, W. W., and C. M. BREDER Jr. 1922. A contribution to the life history of the puffer, *Sphoeroides maculatus* (Schneider). *Zoologica, USA*, **2**(12): 260-276.
1923. Contributions to life histories of Sciaenidae of the eastern United States coast. *Bull. U. S. Bur. Fish.*, **39**: 141-201.

- WHEELER, C. L., and D. MILLER. 1960. Aquarium and experimental studies. *U. S. Bur. Fish., Woods Hole Biol. Lab. Circ.*, **99**: 34-37.
- WILLIAMS, G. C. 1967. Identification and seasonal size changes of eggs of the labrid fishes, *Tautogolabrus adspersus* and *Tautoga onitis*, of Long Island Sound. *Copeia*, 1967: 452-453.
- WILLIAMS, G. C., S. W. RICHARDS, and E. G. FARNSWORTH. 1964. Eggs of *Ammodytes hexapterus* from Long Island. *Copeia*, 1964: 242-243.
- WOLLAM, M. B. 1969. Larval wahoo, *Acanthocybium solanderi* (Cuvier) (Scombridae) from the Straits of Yucatan and Florida. *Fla. Mar. Res. Lab. Leafl. Ser.*, **4**(12), 7 p.
1970. Description and distribution of larvae and early juveniles of king mackerel, *Scomberomorus cavalla* (Cuvier), and Spanish mackerel, *Scomberomorus maculatus* (Mitchill), (Pisces: Scombridae) in the western North Atlantic. *Fla. Mar. Res. Lab. Tech. Ser.*, **61**, 35 p.
- WOOLCOTT, W. S., C. BEIRNE, and W. M. HALL. 1968. Descriptive and comparative osteology of the young of three species of flounders, genus *Paralichthys*. *Chesapeake Sci.*, **9**(2): 109-120.
- YASUDA, F., H. KOHNO, A. YATSU, H. IDA, P. ARENA, F. LIGRECI, and Y. TAKI. 1978. Embryonic and early larval stages of the swordfish, *Xiphias gladius*, from the Mediterranean. *Bull. Tokai Reg. Fish Res. Lab.*, **65**: 91-98.
- YABE, H., S. UEYANAGI, and H. WATANABE. 1966. Studies on the early life history of bluefin tuna, *Thunnus thynnus*, and on the larva of the southern bluefin tuna *T. macoyii*. *Rep. Nankai. Fish. Res. Lab.*, **23**: 95-129 (in Japanese, English summary).
- ZURBRIGG, R. E., and W. B. SCOTT. 1972. Evidence for expatriate populations of the lanternfish *Myctophum punctatum* in the Northwest Atlantic. *J. Fish. Res. Bd. Canada*, **29**: 1679-1683.
- ZVYAGINA, O. A. 1965. Data on development of lizardfishes (Synodontidae, Pisces). *Tr. Inst. Okeanol. SSSR*, **80**: 147-161 (in Russian).
- ZVYAGINA, O. A., and T. S. RASS. 1977. Materials on development of tropical carangid fishes (Carangidae, Pisces). *Tr. Inst. Okeanol. SSSR*, **109**: 211-227 (in Russian).