

5. BIBLIOGRAPHY

- Abdullah, M.S., TO. Waun, and S. Kawahara. 1987. Preliminary studies on stocking density and production of hamoor *Epinephelus tauvina* in PVC-lined raceways. *J. Word Aquacult. Soc.*, 18(4):237-241.
- Abe, T. 1983. A record of *Epinephelus flavocaeruleus* (Lacepède) from the Bonin Islands. *U O, Jap. Soc. Ichthyol.*, 32:2 p., illustr.
- Aboussouan, A. 1972. Oeufs et larves de Téléostéens de l'Ouest Africain. XI. Larves serraniformes. *Bull. Inst. Fr. Afr. Noire, Sér. A.*, 4:485-502.
- Acero, P.A., and J. Garzon-Ferreira. 1983. Una revision de las fichas de identificacion de la FAO para peces marinos del atlantico centro-occidental, incluyendo nuevos registros para el Caribe Colombiano. *An. Inst. Invest. Mar: Punta de Betin*, 12 1982:33-39 (in Spanish with English summary).
- Acero, P.A., and J. Garzon-Ferreira. 1991. Meros, chernas y cabrillas del Caribe Colombiano (Pisces: Serranidae: Epinephelinae: Epinephelini). *Caldasia*, 16(78):355-376 .
- Al-Baharna, W.S. 1986. Fishes of Bahrain. Directorate of Fisheries, Bahrain. 294 p.
- Allen, G.R. 1985. *Fishes of Western Australia*, p. 2205-2534. Pacific Marine Fishes Book 9. In: W. Burgess and H.R. Axelrod (eds), T.F.H. Publications, Inc., Neptune City, New Jersey.
- Allen, G.R., M.C. Alvarez, G. Thode, and J. Cano. 1983. Somatic karyotypes of two Mediterranean teleost species: *Phycis phycis* (Gadidae) and *Epinephelus alexandrinus* (Serranidae). *Cytobios*, 38(150):91-95.
- Allen, G.R., D.F. Hoese, J.R. Paxton, J.E. Randall, B.C. Russell, W.A. Starck II, F.H. Talbot, and G.P. Whitley. 1976. Annotated checklist of the fishes of Lord Howe Island. *Rec. Aust. Mus.*, 30(15):365-454.
- Allen, G.R., and B.C. Russell. 1986. Part VII, Fishes (of Rowley Shoals-Scott Reef), *Rec. West. Aust. Mus.*, Suppl., 25:75-103.
- Allen, G.R., and W.A. Starck II. 1975. *Cephalopholis xanthopterus*, a new species of serranid fish from Indonesia, Melanesia and the Great Barrier Reef. *Rec. West. Aust. Mus.*, 3(3):245-249.
- Allen, G.R., and R.C. Steene. 1979. The fishes of Christmas Island, Indian Ocean. *Austral. Natl. Pks. wildl. Sew.*, Spec. Publ., 2:1-81.
- Allen, G.R., and R.C. Steene. 1987. *Reeffishes of the Indian Ocean*. Pacific Marine Fishes, Book 10. T.F.H. Publications, Inc., Neptune City, New Jersey. 240 p.
- Allen, G.R., and R.C. Steene. 1988. *Fishes of Christmas Island, Indian Ocean*. Christmas Island Natural History Association, Christmas Island, Indian Ocean, Australia. 197 p.
- Allen, G.R., and R. Swainston. 1988. *The Marine Fishes of North-Western Australia*. Western Australian Museum, Perth, Western Australia. 201 p.
- Alleyne, H.G., and W. Macleay. 1877. The ichthyology of the Chevert Expedition. Parts I and II. *Proc. Linn. Soc. N.S.W.*, (1875-1876):261-281; 321-359, pls 3-9; 10-17.
- Amaoka, K., H. Hatanaka, H. Ida, I. Ikeda, T. Inada, T. Iwai, S. Kawahara, H. Kono, K. Kuronuma, K. Matsuura, S. Miyake, I. Nakamura, A. Ochiai, O. Okamura, T. Okutani, T. Sasaki, Tetsuya Sato, Torao Sato, T. Shimizu, M. Takeda, T. Taniuchi, Y. Tominaga, and T. Uyeno (Far Seas Fisheries Laboratory, ed.). 1976. *Colored Illustrations of Bottomfishes Collected by Japanese Trawlers*. Vol. II. Japan Deep Sea Trawlers Association, Tokyo. 188 p.
- Amaoka, K., and J. Randall. 1990. *Epinephelus suborbitalis*, a new species of grouper (Perciformes: Serranidae) from the Kyushu-Palau Ridge, Western Pacific. *J.L.B. Smith Inst. Ichth.*, Spec. Publ., 49:1-9.
- Amesbury, S.S., and R.F Myers. 1982. *Guide to the Coastal Resources of Guam*. Vol. I. The Fishes. University of Guam Press. 141 p.
- Aoyagi, H. 1949. Study of reef fishes in the Ryukyu Islands. Vol. VI. Reef-dwelling gobies (II). *J. Zool.*, 58(12):227-231 (in Japanese).
- Arreguin-Sanchez, F. 1987. Present status of the red grouper fishery of the Campeche Bank. *Proc. Gulf Caribb. Fish. Inst.*, 38:498-509.

- Axelrod, H.R., and C.W. Emmens. 1969. *Exotic Marine Fishes*. T.F.H. Publications, New Jersey. 607 p.
- Ayling, T., and G.J. Cox. 1982. *Collins Guide to the Sea Fishes of New Zealand*. Williams Collins Publishers Ltd., Auckland. 343 p.
- Bagnis, R., P. Mazellier, J. Bennett, and E. Christian. 1972. *Fishes of Polynesia*. Les Editions du Pacifique, Papeete, Tahiti. 368 p.
- Baissac, J. de B. 1952. Contribution à l'étude des poissons de l'île Maurice. V. *Proc. Roy. Soc. Arts & Sci. Mauritius*, 1(3):185-240.
- Baissac, J. de B. 1956. Description d'un nouveau serranide de l'île Maurice. *Proc. Roy. Soc. Arts & Sci. Muuritus*, 1(4):395-396.
- Baissac, J. de B. 1962. Contribution à l'étude des poissons de l'île Maurice. VIII. *Proc. Roy. Soc. Arts & Sci. Mauritius*, 2(2):162-189.
- Baissac, J. de B. 1976. Poissons de mer des eaux de l'île Maurice. *Proc. Roy. Soc. Arts & Sci. Mauritius*, 3(2):201-203.
- Bannerot, S., W.W. Fox, Jr., and J.E. Powers. 1987. Reproductive strategies and the management of snappers and groupers in the Gulf of Mexico and Caribbean, p. 561-604. In: J.J. Polovina, and S. Ralston (eds), *Tropical Snappers and Groupers: Biology and Fisheries Management*. Westview Press, Boulder, Colorado. 659 p.
- Bardach, J.E., C.L. Smith, and D.W. Menzel. 1958. *Final Report. Bermuda fisheries research program*. Hamilton, Bermuda, Bermuda Trade Development Board. 59 p., 21 figs, 3 tables.
- Barnard, K.H. 1927. *A Monograph of the Marine Fishes of South Africa*. Part 2:419-1065. Neill and Co., Ltd., Edinburgh.
- Bauchot, M.-L. 1987. Poissons Osseux p. 891-1422. In: W. Fischer, M.-L. Bauchot, and M. Schneider (eds), *Fiches FAO d'identification des especes pour les besoins de la pêche. (Révision 1). Méditerranée et mer Noire. Zone de pêche 37. Vol. II. Vertébrés*. Food and Agriculture Organization of the United Nations, Rome.
- Bauchot, M.-L., M. Blanc, and M. Poll. 1960. Apropos d'*Epinephelus alexandrinus* (C.V.) poisson téléostéen de la famille des Serranidae. *Bull. Mus. Natl. Hist. Nat. Paris*, ser. 2e, 32(4):301-304.
- Bauchot, M.-L., and G. Bianchi. 1984. *Fiches FAO d'Identification des espèces pour les besoins de la pêche. Guide des poissons commerciaux de Madagascar (espèces marines et d'eaux saumâtres)*. Food and Agriculture Organization of the United Nations, Rome. 135 p.
- Bauchot, M.-L., M. Desoutter, and J.E. Randall. 1984. Catalogue critique des types de Poissons du Museum National d'Histoire Naturelle. (Suite). (Famille des Serranidae). *Bull. Mus. Natl. Hist. Nat. Paris*, 6(3):3-82.
- Bauchot, M.-L., and A. Pras. 1980. *Guide des Poissons Marins d'Europe*. Delachaux & Niestlé, éditeurs, Lausanne-Paris. 427 p.
- Bellemans, M., A. Sagna, W. Fischer, and N. Scialabba. 1988. *Fiches FAO d'identification des espèces pour les besoins de la pêche. Guide des ressources halieutiques du Sénégal et de la Gambie (especes marines et d'eaux saumâtres)*. Food and Agriculture Organization of the United Nations, Rome. 227 p.
- Bellotti, C. 1879. Note ittiologica. *Atti Soc. Ital. Sci. Nat.*, 22:33-38.
- Bemert, G., and R. Ormond. 1981. *Red Sea Coral Reefs*. Kegan Paul International Ltd., London. 192 p.
- Bennett, E.T. 1830. Catalogue of Zoological Specimens (Class Pisces), p. 686-695. In: Lady Raffles (ed.), *Memoir of the Life and Public Services of Sir Stamford Raffles* London.
- Bennett, J.W. 1828-1830. *A Selection of Rare and Curious Fishes found upon the Coast of Ceylon: from drawings made in that island, and coloured from life*. Private printing, London. 30 p.
- Ben-Tuvia, A. 1953. Mediterranean fishes of Israel. *Bull. Sea Fish. Res. Stn. Israel*, 8:1-40, 20 figs.
- Ben-Tuvia, A. 1968. Report on the fisheries investigations of the Israel south Red Sea Expedition, 1962. *Bull. Sea Fish. Res. Stn. Israel*, 52:21-55.
- Ben-Tuvia, A. and A. Lourie. 1969. A Red Sea grouper *Epinephelus tauvina* caught on the Mediterranean coast of Israel. *Isr. J. Zool.*, 18:245-247, 1 fig.

- Bertolini, F. 1933. Apogonidae, Serranidae. In: Uova larve, e stadi giovanili di teleostei. *Fauna Floro Golfo Napoli Monogr.*, 38:306-331, figs 245-256, pls 15, 19-21.
- Bianchi, G. 1985. *FAO Species Identification Sheets for Fishery Purposes. Field guide to the Commercial Marine and Brackish-water Species of Tanzania*. Food and Agriculture Organization of the United Nations, Rome. 199 p.
- Bianchi, G. 1986. *Fiches FAO de Identificação, de Espécies para propósitos comerciais. Guia de campo para as espécies comerciais marinhas e de águas salobras de Angola*. Food and Agriculture Organization of the United Nations, Rome. 184 p.
- Bini, G. 1968. *Atlante dei Pesci delle Coste Italiane*. Vol. IV. Osteitti. Mondo Sommerso Editrice, Rome. 163 p.
- Blache, J., J. Cadenat, and A. Stauch. 1970. Clés de détermination des poissons de mer signalés dans l'Atlantique oriental (entre le 20^e parallèle N. et le 1 5^e parallèle S.). *Faune Trop.*, 18, ORSTOM, Paris. 479 p., 1152 figs.
- Bleeker, P. 1845. Bijdragen tot de geneeskundige Topographie van Batavia. Generisch overzicht der Fauna. *Nat. Geneesk Arch. Ned.-Indië*, 2:505-528.
- Bleeker, P. 1849. Bijdrage tot de kennis der Percoiden van den Malaijo-Molukschen Archipel, met beschrijving van 22 nieuwe soot-ten. *Verh. Batav. Genoots. Kunst. Wet.*, 22:1-64.
- Bleeker, P. 1851 a. Nieuwe bijdrage tot de kennis der ichthyologische fauna van Celebes. *Nat. Tijdschr. Ned.-Indië*, 2:209-224.
- Bleeker, P. 1851b. Nieuwe bijdrage tot de kennis der Percoidei, Scleroparei, Sciaenoidei, Sparoidei, Maenoidei, Chaetodontoidei en Scomberoidei van den Soenda-Molukschen Archipel. *Nat. Tijdschr. Ned. Indië*, 2: 163- 179.
- Bleeker, P. 1852a. Bijdrage tot de kennis der ichthyologische fauna van de Moluksche eilanden. Visschen van Amboina en Ceram. *Nat. Tijdschr. Ned.-Indië*, 3:229-309.
- Bleeker, P. 1852b. Nieuwe bijdrage tot de kennis der ichthyologische fauna van Amboina. *Nat. Tijdschr. Ned.-Indië*, 3:545-568.
- Bleeker, P. 1852c. Derde bijdrage tot de kennis der ichthyologische fauna van Celebes. *Nat. Tijdschr. Ned.-Indië*, 3:739-782.
- Bleeker, P. 1853a. Diagnostische beschrijvingen van nieuwe of weinig bekende vischsoorten van Sumatra. *Nat. Tijdschr. Ned.-Indië*, 4:243-302.
- Bleeker, P. 1853b. Diagnostische beschrijvingen van nieuwe of weining bekende vischsoorten van Batavia. *Nat. Tijdschr. Ned.-Indië*, 4:451-516.
- Bleeker, P. 1854. Vijfde bijdrage tot de kennis der ichthyologische fauna van Amboina. *Nat. Tijdschr. Ned.-Indië*, 6:455-508.
- Bleeker, P. 1855a. Bijdrage tot de kennis der ichthyologische fauna van de Batoe eilanden. *Nat. Tijdschr. Ned.-Indië*, 8:305-328.
- Bleeker, P. 1855b. Visschen van de Duizendeilanden. *Nat. Tijdschr. Ned.-Indië*, 8:344.
- Bleeker, P. 1855c. Zesde bijdrage tot de kennis der ichthyologische fauna van Amboina. *Nat. Tijdschr. Ned.-Indië*, 8:391-434.
- Bleeker, P. 1855d. Bijdrage tot de kennis der ichthyologische fauna van het eiland Groot-oby. *Nat. Tijdschr. Ned.-Indië*, 9:431-438.
- Bleeker, P. 1855e. Derde bijdrage tot de kennis der ichthyologische fauna van Batjan. *Nat. Tijdschr. Ned.-Indië*, 9:491-504.
- Bleeker, P. 1856a. Beschrijvingen van nieuwe of weinig bekende vischsoorten van Menado en Makassar grootendeels verzameld op eene reis door den Molukschen Archipel, in het gevolg van den Gouverneur-Generaal Duymaer van Twist, *Act. Soc. Sci. Indo-Neerl.*, 1:1 -80.
- Bleeker, P. 1856b. Verslag omtrent eenige vischsoorten gevangen aan de Zuidkust van Malang in Oost-Java. *Nat. Tijdschr. Ned.-Indië*, 11:81 -92.
- Bleeker, P. 1857a. Achste bijdrage tot de kennis der vischfauna van Amboina. *Act. Soc. Sci. Indo-Neerl.*, 11:1-102.

- Bleeker, P. 1857b. Bijdrage tot de kennis der ichthyologische fauna van de Sangi-eilanden. *Nat. Tijdschr. Ned.-Indië*, 13:369-380.
- Bleeker, P. 1858a. Derde bijdrage tot de kennis der ichthyologische fauna van Bali. *Nat. Tijdschr. Ned.-Indië*, 17:141-175.
- Bleeker, P. 1858b. Negende bijdrage tot de kennis der vischfauna van Amboina. *Act. Soc. Sci. Indo-Neerl.*, III:1-6.
- Bleeker, P. 1863. Mémoire sur les poissons de la côte de Guinée. *Natuurk. Verh. Holland. Maatsch. Wet. Haarlem*, 2 (18):1-136, 28 pls.
- Bleeker, P. 1868. Description de deux espèces inédites d'*Epinephelus* rapportées de l'île de la Réunion par M.M. Pollen et van Dam. *Versl. Akad. Amsterdam*, ser. 2,2:336-341.
- Bleeker, P. 1873a. Description de quelques espèces de poissons de l'île de la Réunion et de Madagascar. *Ned. Tijdschr. Dierk*, 4:92-105.
- Bleeker, P. 1873b. Mededeelingen omtrent eene herziening der Indisch-Archipelagische soorten van *Epinephelus*, *Lutjanus*, *Dentex* en verwante geslachten. *Versl. Akad. Amsterdam*, ser. 7,2:151-1 53.
- Bleeker, P. 1873-1876. Percoïdes I. *Atlas Ichthyologique des Indes Orientales Néerlandaises*. Vol. 7. Frédéric Muller, Amsterdam. 126 p., pls 279-320.
- Bleeker, P. 1874. Révision des espèces indo-archipélagiques du groupe des *Epinephelini* et de quelques genres voisins. *Verh. Akad. Amsterdam*, (1873) 14:1-134.
- Bleeker, P. 1875. Poissons de Madagascar et de l'île de la Réunion des Collections de M.M. Pollen et van Dam, p. 1-106, pls 1-21. In: P. Bleeker & F.P.L. Pollen. *Poissons et Pêches, Recherches sur la Faune de Madagascar et de ses dépendances d'après les découvertes de François PL. Pollen et D. C. van Dam.*, Part 4. [Date on title page: 1874].
- Bleeker, P. 1876-1877. Percoïdes II. *Atlas Ichthyologique des Indes Orientales Néerlandaises*. Vol. 8. Frédéric Muller et Co., Amsterdam. 156 p., pls 321-362.
- Bleeker, P. 1876. Systema Percarum Revisum, Pars I. *Arch. Néerl. Sci. Nat.*, XI:247-288.
- Bleeker, P. 1878. Quatrième mémoire sur la faune ichtyologique de la Nouvelle-Guinée. *Arch. Néerl. Sci. Nat.*, 13:35-66.
- Bleeker, P. 1879. Contribution à la faune ichtyologique de l'île Maurice. *Verh. Akad. Amsterdam*, (1878) 18:1-23.
- Blegvad, H. 1944. *Fishes of the Iranian gulf*. Einar Munksgaard, Copenhagen. 247 p.
- Bliss, R. 1883. Descriptions of new species of Mauritian fishes. *Trans. Roy. Soc. Mauritius*, (1879) 13:45-63.
- Bloch, M.E. 1790. *Naturgeschichte der ausländischen Fische*. Vol. 4. J. Morino & Comp., Berlin. 128 p.
- Bloch, M.E. 1792. *Naturgeschichte der ausländischen Fische*. Vol. 6. Berlin. 126 p., 36 pls.
- Bloch, M.E. 1793. *Naturgeschichte der ausländischen Fische*. Vol. 7. Berlin. 144 p., 36 pls.
- Bloch, M.E., and J.G. Schneider. 1801. *Systema Ichthyologiae, Iconibus CX Illustratum*. Berlin. 584 p., 110 pls.
- Blosser, C.B. 1909. Reports on the expedition to British Guiana of the Indiana University and the Carnegie Museum, 1908. *Ann. Carnegie Mus.*, (6)1:293-300.
- Bocourt, F.M. 1868. Descriptions de quelques acanthoptérygiens nouveaux appartenant aux genres *Serran* et *Mesoprion* recueillis dans l'Amérique Centrale. *Ann. Sci. Nat. (Zool.)*, 5(10):222-224.
- Boeseman, M. 1947. Revision of the fishes collected by Burger and von Siebold in Japan. *Zool. Meded. Leiden*, 28:1-242.
- Böhlke, J.E., and C.C.G. Chaplin. 1968. *Fishes of the Bahamas and adjacent tropical water*. Livingstone Publishing Co., Wynnewood, PA. 771 p., 223 figs, 36 pls.
- Bonaparte, CL. 1831. Saggio di una distribuzione metodica degli animali vertebrati. Prospetto del sistema d'Ittiologia generale. *Giom. Arcad*, 52:167-1 90.
- Bonaparte, C.L. 1832-41. Iconografia della Fauna italica per le quattro classi degli Animali Vertebrati, tomo III, Pesci. Roma. 160 puntate [without pagination] in 30 fascicles, 78 pls.

- Bouain, A. 1980. Sexualité et Cycle Sexuel des Merous (Poisson, Téléostéens, Serranides) des Côtes du Sud Tunisien. *Bull. Off. Natl. Pêches (Tunisia)*, 4(2):215-229.
- Bouain, A. 1986. Croissance linéaire des merous du Golfe de Gabes (Tunisie). *Cybium*, 10(3):299-302.
- Bouain, A., and Y. Siau. 1983. Observations on the female reproductive cycle and fecundity of three species of groupers (*Epinephelus*) from the southeast Tunisian seashores. *Mar Biol.*, 73(2):211-220.
- Bouain, A., Y. Siau, and J.P. Quignard. 1983a. (The Groupers off the southeastern coasts of Tunisia. First part: Systematic and Ecobiology.) *Pêche Marit.*, 62(1262):276-280.
- Bouain, A., Y. Siau, and J.P. Quignard. 1983b. (The Groupers off the southeastern coasts of Tunisia. Second part: Fishery.) *Pêche Marit.*, 62(1263):337-342
- Bouhlel, M. 1988. *Poissons de Djibouti*. Dubai Printing Press, Dubai, United Arab Emirates. 416 p.
- Boulenger, G.A. 1887. An account of the fishes obtained by Surgeon-Major A.S.G. Jayakar at Muscat, east coast of Arabi. *Proc. Zool. Soc. London*, 43:653-668.
- Boulenger, G.A. 1889. Second account of the fishes obtained by Surgeon-Major A.S.G. Jayakar at Muscat, East Coast of Arabia. *Proc. Zool. Soc. London*, 1889:236-246, pls 25-28.
- Boulenger, G.A. 1895. *Catalogue of the Perciform Fishes in the British Museum*. Vol. 1. Second edition. Taylor and Francis, London. 394 p.
- Boulenger, G.A. 1897. Descriptions of new fishes from the Mekran Coast, Persia. *Ann. Mag. Nat. Hist.*, 6(20):420-422.
- Boulenger, G.A. 1898. Descriptions of two new fishes from the coast of Sind. *Ann. Mag. Nat. Hist.*, 2(7):133-134.
- Boulenger, G.A. 1903. Descriptions of six new perciform fishes from the coast of Natal. *Ann. S. Afr. Mus.*, 3:63-67.
- Breder, C.M. Jr. 1936. Scientific results of the second oceanographic expedition of the "Pawnee", 1926. Heterosomata to Pediculati from Panama to Lower California. *Bull. Bingham Oceanogr. Coll.*, 2(3):1-56, figs 1-19.
- Brito, A. 1991. *Catalogo de los Peces de las Islas Canarias*. Francisco Lemus, La Laguna. 230 p.
- Brownell, W.N., and W.E. Rainey. 1971. *Special Report. Research and development of deep water commercial and sport fisheries around the Virgin Islands Plateau*. Caribbean Research Institute. Contribution no. 3. Virgin Islands Ecological Research Station. p. 1-88.
- Brünnich, M.T. 1768. *Ichthyologia Massiliensis, sistens piscium descriptiones eorumque apud incolas nomina. Accedunt Spolia Maris Adriatici*. Copenhagen and Leipzig. 110 p.
- Bruslé, J. 1985. Exposé synoptique des données biologiques sur les mérour *Epinephelus aeneus* (Geoffroy Saint-Hilaire, 1809) et *Epinephelus guaza* (Linnaeus, 1758) de l'Océan Atlantique et de la Méditerranée. *FAO Synop. Pêches*, (129):64 p.
- Bruslé, J., and S. Bruslé. 1975. Ovarian and testicular intersexuality in two protogynous Mediterranean groupers, *Epinephelus aeneus* and *Epinephelus guaza*. p. 222-227. In: R. Reinboth (ed.), *Intersexuality in the Animal Kingdom*. Springer-Verlag, Berlin.
- Bruslé, J., and G. Prunus. 1980. Length-Weight Relationships of the Mediterranean Groupers: *Epinephelus aeneus* and *Epinephelus guaza*. *Cybium*, 4(4):15-21.
- Bryan, W.A., and A.C. Herre. 1903. Annotated list of the Marcus Island fishes. In: W.A. Bryan (ed.), *A monograph of Marcus Island*. Occ. Pap. B.P Bishop Mus., 2(1), Appendix: 125-139.
- Bullock, L.H., M.D. Murphy, M.F. Godcharles, and M.E. Mitchell. 1992. Age, growth, and reproduction of jewfish *Epinephelus itajara* in the eastern Gulf of Mexico. *Fishery Bull. U. S.*, 90:243-249.
- Bullock, L.H., and G.B. Smith. 1991. *Sea Basses (Pisces: Serranidae)*. *Memoirs of the Hourglass Cruises*. Marine Research Laboratory, Florida Dept. of Natural Resources, St. Petersburg, Florida. Vol. 8, Pt. 2:1-205, 19 col.pls.
- Burgess, W., and H.R. Axelrod. 1971. *Pacific Marine Fishes. Book 1*. Fujio Yasuda and Yoshio Hiyama. T.F.H. Publications, Inc., Neptune City, New Jersey. 280 p.

- Burgess, W., and H.R. Axelrod. 1973. *Pacific Marine Fishes. Book 3, Fishes of Sri Lanka, (Ceylon), the Maldives Islands and Mombasa* T.F.H. Publications, Inc., Neptune City, New Jersey. p. 561-839.
- Burgess, W., and H.R. Axelrod. 1974. *Pacific Marine Fishes. Book 5, Fishes of Taiwan and adjacent waters*. T.F.H. Publications, Inc., Neptune City, New Jersey. p. 1111-1381.
- Burgess, W., and H.R. Axelrod. 1975. *Pacific Marine Fishes. Book 6, Fishes of Melanesia*. T.F.H. Publications, Inc., Neptune City, New Jersey. p. 1383-1654.
- Burgess, W., and H.R. Axelrod. 1976. *Pacific Marine Fishes. Book 7, Fishes of the Great Barrier Reef*. T.F.H. Publications, Inc., Neptune City, New Jersey. p. 1655-1925.
- Burgess, W., and H.R. Axelrod. 1984. *Pacific Marine Fishes. Book 8, Fishes of California and Western Mexico*. T.F.H. Publications, Inc., Neptune City, New Jersey. p. 1931-2198.
- Burgess, W.E., H.R. Axelrod, and R.E. Hunziker III. 1988. *Dr. Burgess's Atlas of Marine Aquarium Fishes*. T.F.H. Publications, Inc., Neptune City, New Jersey. 736 p.
- Cadenat, J. 1935. Les Serranidés de la Côte occidentale d'Afrique (du Cap Spartel au Cap Vert). *Rev. Trav. Off. (scient. tech) Pêch. Marit.*, 8(4):377-422, 30 figs.
- Cadenat, J. 1951. Poissons de mer du Sénégal, Initiations africaines, III. *Inst. Fr. Afr Noire*, Dakar, 1950 [1951]: 345 p., 241 figs.
- Caillart, B., and E. Morize. 1989. Étude du rythme de dépôt des microstries sur les otolithes d'un Serranidé tropical, *Epinephelus microdon* (Bleeker), à l'aide d'un marqueur fluorescent: l'oxytétracycline. *Aquat. Living Resour.*, 1989, 2:255-261.
- Cantor, T.E. 1849. Catalogue of Malayan fishes. *J. Roy. Asiat. Soc. Bengal*, 18 (2):983-1443 (reprint edition 1966 A. Asher & Co., Amsterdam).
- Cantraine, F.J. 1835. Mémoire sur le *Serranus tinca*. *Bull. Acad. R. Belg. Cl. Sci.*, 2(4):207-208.
- Capello, F. De B. 1868. Peixes novos de Portugal e da Africa occidental, e caracteres distinctivos d'outras espécies já conhecidas. *J. Sci. Math. Phys. Nat. Lisboa*, 1:154-169.
- Capello, F. De B. 1871. Primeira lista dos peixes da Ilha da Madeira, Açores, e das possessões portuguesas d'Africa que existem no Museum de Lisboa. *J. Sci. Math. Phys. Nat. Lisboa*, 2:194-202.
- Carpenter, J.S., and W.R. Nelson. 1971. Fishery potential for snapper and grouper in the Caribbean area and the Guianas, p. 21-26. In: *Symposium on investigations and resources of the Caribbean Sea and adjacent regions*. FAO, FAO Fisheries Report 71.2:1-338.
- Carter, J. 1988. Grouper mating ritual on a Caribbean reef. *Underwat. Nat.*, 17(1):8-11.
- Castelnau, F. de. 1855. Animaux nouveaux ou rares recueillis pendant l'expédition dans les parties centrales de l'Amérique du sud de Rio de Janeiro à Lima, et de Lima au Para. In: *Expédition dans les parties centrales de l'Amérique du sud pendant les années 1843 à 1847, 7e par-tie, Zoologie*, 3, Poissons. 112 p., 50 pls.
- Castelnau, F. de. 1861. *Mémoire sur les Poissons de l'Afrique Australe*. Paris. 78 p.
- Castelnau, F. de. 1875. Researches of the fishes of Australia. *Intercol. Exhib. Essays, Victorian Dept.*, 2: 1-52.
- Cervigón, M.F. 1966a. Los peces marinos de Venezuela. Vols I and II. *LaSalle Cienc. Nat.*, 951 p.
- Cervigón, M.F. 1966b. *Mycteroperca cidi* nov. sp. Una nueva especie de *Mycteroperca* de las costas de Venezuela (Pisces-Serranidae). *Invest. Pesq.*, 30:653-660.
- Cervigón, M.F. 1968. Los peces marinos de Venezuela. Compemento I. *Mem. Soc. Cienc. Nat. La Salle*, 28(80):177-218.
- Cervigón, M.F., and E. Velasquez. 1966. Las especies del genero *Mycteroperca* de las costas de Venezuela (Pisces-Serranidae). *Mem. Soc. Cienc. Nat. LaSalle*, 26(74):77-143, 29 figs, 4 tables.
- Chabanaud, P., and T. Monod. 1927. Les Poissons de Port-Étienne, contribution à la faune ichtyologique de la Région du Cap Blanc (Mauritanie Française). *Bull. Com. Étude. His. Scient. Afr. Occid. Fr.*, 1926, 9:225-287, 33 figs, 3 pls.
- Chan, W.L. 1968. *Marine Fishes of Hong Kong*, part I. The Government Press, Hong Kong. 129 p.

- Chang, K.H., R.Q. Jan, and C.S. Hua. 1982. *Fishes of Itu Aba Island in South China Sea*. Encyclopedia sinica Inc., Taipei, Taiwan. 125 p.
- Chang, K.H., K.T. Shao, and S.C. Lee. 1979. *Coastal Fishes of Taiwan*. Institute of Zoology, Academia Sinica, Taipei, Taiwan. 150 p.
- Chauvet, C. 1988. Etude de la croissance du mérout *Epinephelus guaza* (Linne, 1758) des côtes tunisiennes. *Aquat. Living Resour.*, 1(4):277-288.
- Chen, C.P., H.L. Hsieh, and K.H. Chang. 1980a. Age and growth of the grouper, *Epinephelus diacanthus* (Cuvier et Valenciennes) in the waters of northern Taiwan. *Bull. Inst. Zool. Acad. Sin.*, 19(1):1-9.
- Chen, C.P., H.L. Hsieh, and K.H. Chang. 1980b. Some aspects of the sex change and reproductive biology of the grouper, *Epinephelus diacanthus* (Cuvier et Valenciensis). *Bull. Inst. Zool. Acad. Sin.*, 19(1): 11-17.
- Chen, F.Y., M. Chow, T.M. Chao, and R. Lim. 1977. Artificial spawning and larval rearing of the grouper, *Epinephelus tauvina* Forsskål in Singapore. *Singapore J. Primary Ind.*, 5:1-21.
- Cheng, C.T., and W. Yang. 1981. Preliminary study of the geographical distribution of the serranoid fishes of China. *Trans. Chin. Ichthyol. Soc.*, 1 :1-9, figs.
- Cheng, C.T., and W. Yang. 1983. A new species of the family Serranidae - *Epinephelus stigmogrammus*. *Oceanol. Limnol. Sin.*, 14(5):506-509, figs.
- Chirichigno, N. 1963. Estudio de la fauna ictologica de los esteros y parte baja de los rios del Departamento de Tumbes (Peru). *Servicio de Pesqueria Peru Serie de divulgacion cientifica*, 22:42-47.
- Chirichigno, N. 1978. Nuevas adiciones a la ictiofauna marina del Peru. *Inf. Inst. Mar Peru*, 46:1-109.
- Chu Yuanting. 1985. Fujian yulei zhi (Fishes of Fujian Province). Part 2. *Fujian Sci. Tech Press, Fuzhou*, 1985:1-24, 1-700, illustr. (in Chinese with English summary).
- Chua, T.E., and S.K. Teng. 1980. Economic production of estuary grouper, *Epinephelus salmoides* Maxwell, reared in floating net cages. *Aquaculture*, 20:187-228.
- Cocco, A. 1833. Su di alcuni pesci de'mari di Messina. *Giom. Sci. Left. Arti*, Sicilia, 42:9-21, pl.
- Cohen, S. 1975. *Red Sea Diver's Guide*. Red Sea Divers (Publications) Ltd., Tel Aviv, Israel. 182 p.
- Coleman, N. 1974. *Australian Marine Fishes in Colour*. A.H. & A.W. Reed, (Pty) Ltd. Sydney Wellington London.
- Coleman, N. 1980. *Australian Sea Fishes South of 30°S*. Doubleday Australia Pty. Ltd., Sydney. 302 p.
- Coleman, N. 1981. *Australian Sea Fishes North of 30°S*. Doubleday Australia Pty. Ltd., Sydney. 297 p.
- Colin, P.L. 1974. Observation and collection of deep reef fishes off the coasts of Jamaica and British Honduras (Belize). *Mar. Biol.*, 24(1):29-38.
- Colin, P.L. 1992. Reproduction of the Nassau grouper, *Epinephelus striatus*, (Pisces: Serranidae) and its relationship to environmental conditions. *Envir. Biol. Fishes*, 34:357-377.
- Colin, P.L., D.Y. Shapiro, and D. Weiler. 1987. Aspects of the reproduction of two groupers, *Epinephelus guttatus* and *E. striatus* in the West Indies. *Bull. Mar. Sci.*, 40(2):220-230.
- Collins, M.R., C.W. Waltz, W.A. Roumaillat, and D.L. Stubbs. 1987. Contribution to the life history and reproductive biology of gag *Mycteroperca microlepis* (Serranidae), in the South Atlantic Bight. *Fish. Bull.*, 85(3):648-653.
- Cope, E.D. 1871. Contribution to the Ichthyology of the Lesser Antilles. *Trans. Am. Phil. Soc.*, 14:445-483.
- Copley, H.' 1952. *The Gamefishes of Africa*. H.F. & G. Witherby Ltd., London. 276 p.
- Costa, O.G. 1836. *Fauna del regno di Napoli, ossia enumerazione di tutti gli animali, Pesci, Part 1*, (published serially, 1829-53), Naples. 511 p., 60 pls.
- Costa, O.G. 1849. Di un nuovo pesce della famiglia de' Gadini pescata nel golfo di Napoli ai 3 febb. 1846. *Atti R. Acca. Pontan, Napoli*, 5(3):171-182.
- Couch, J. 1832. Fishes new to the British fauna, contained in Couch's 'History of the fishes of Cornwall'. *Mag. Nat. Hist., London*, 5:15-24.

- Couch, J. 1867. *A History of the Fishes of the British Islands*. Second edition. London, 1, 1867:245 p., col. pls I-LVII.
- Cury, P., and C. Roy. 1988. Migration saisonnière du thiof (*Epinephelus aeneus*) au Sénégal: influence des upwellings sénégalais et mauritanien. *Oceanol. Acta.*, 11(1):25-36, illustr. (in French with English summary).
- Cuvier, G., and A. Valenciennes. 1828. *Histoire Naturelle des Poissons*. Vol. 2. F.G. Levrault, Paris. 490 p., pls 9-40.
- Cuvier, G., and A. Valenciennes. 1829. *Histoire Naturelle des Poissons*. Vol. 4. F.G. Levrault, Paris. 518 p., pls 72-99.
- Cuvier, G., and A. Valenciennes. 1830. *Histoire Naturelle des Poissons*. Vol. 6. F.G. Levrault, Paris. 559 p., pls 141-169.
- Cuvier, G., and A. Valenciennes. 1831. *Histoire Naturelle des Poissons*. Vol. 7. F.G. Levrault, Paris. 531 p., pls 170-208.
- Cuvier, G., and A. Valenciennes. 1833. *Histoire Naturelle des Poissons*. Vol. 9. F.G. Levrault, Paris. 512 p., pls 246-279.
- Dai, Q., Q. Zhang, Y. Cai, and J. Zhang. 1988. Age and growth of the red grouper *Epinephelus akaara* from the coastal waters of Fujian. *Oceanol. Limnol. Sin.*, 19(3):215-224.
- Darom, D. 1976. *The Red Sea*. Sadan Publishing House, Tel Aviv, Israel. 105 p.
- Day, F. 1865. *The Fishes of Malabar*. B. Quaritch, London. 293 p.
- Day, F. 1867. On some new or imperfectly known fishes of India. *Proc. Zool. Soc. London*:699-707.
- Day, F. 1868. On some new fishes from Madras. *Proc. Zool. Soc. London*:1 92-199.
- Day, F. 1870. On the fishes of the Andaman Islands. *Proc. Zool. Soc. London*:677-705.
- Day, F. 1875-1 878. *The Fishes of India; Being a Natural History of the Fishes known to Inhabit the Seas and Fresh Waters of India, Burma, and Ceylon*. Parts 1-4. William Dawson & Sons Ltd., London. 778 p.
- Day, F. 1880. *The Fishes of Great Britain and Ireland*. Vol. 1. London-Edinburgh. 336 p., 92 pls.
- Day, F. 1888. *Supplement to the Fishes of India*. Williams and Norgate, London. (Offset reprint by Indian Society of Ichthyologists-Madras, 1978). p. 779-816.
- Deas, W. 1971. *Australian Fishes in Colour*. Rigby Limited, Adelaide, Australia. 29 p.
- Debelius, H. 1987. *Underwater Guide, Red Sea Fishes*. Verlag Stephanie Naglschmid, Stuttgart. 167 p.
- De Kay, J.E. 1842. Zoology of New York, or the New York fauna. Comprising detailed descriptions of all the animals hitherto observed within the state borders. Class V. Fishes. *Natural History of New York Geological Survey, Albany*, 1(3-4), Fishes:41 5 p., 79 pl.
- Dennis, G.D., and T.J. Bright. 1988a. Reef fish assemblages on hard banks in the northwestern Gulf of Mexico. *Bull. Mar. Sci.*, 43(2):280-307.
- Dennis, G.D., and T.J. Bright. 1988b. New records of fishes in the northwestern Gulf of Mexico, with notes on some rare species. *Northeast Gulf Sci.*, 10(1):1 -18
- De Vis, C.W. 1883a. Description of three new fishes of Queensland. *Proc. Linn. Soc. N.S.W.*, 7:318-320.
- De Vis, C.W. 1883b. Descriptions of some new Queensland fishes. *Proc. Linn. Soc. N.S.W.*, 7:367-371.
- De Vis, C.W. 1884a. New Australian fishes in the Queensland Museum. *Proc. Linn. Soc. N.S.W.*, 9:389-400.
- De Vis, C.W. 1884b. Fishes from South Sea Islands. *Proc. Linn. Soc. N.S.W.*, 8:445-457.
- De Vis, C.W. 1885a. On new fish from Moreton Bay. *Proc. R. Soc. Queensland*, 1884, 1:144-147.
- De Vis, C.W. 1885b. New Australian fishes in the Queensland Museum. *Proc. Linn. Soc. N.S.W.*, 9(2):389-400.
- Diamant, A., and M. Shpigel. 1985. Interspecific feeding associations of groupers (Teleostei: Serranidae) with octopuses and moray eels in the Gulf of Eilat (Aqaba). *Environ. Biol. Fish.*, 13(2):153-159.

- Doak, W. 1978. *Fishes of the New Zealand Region*. Revised edition. Hodder and Stoughton, Ltd., Auckland. 135 p.
- Doderlein, P. 1882. Rivista delle specie del genere *Epinephelus* Bloch o *Cerna* Bonap. riscontrate sinora nei mari della Sicilia. *G. Sci. Nat. Econ. Palermo*, 15:168-259, 5 pls.
- Doderlein, P. 1889. *Manuale Ittiologico del Mediterraneo ossia senossi metodica delle varie specie di pesci riscontrate sin qui nel Mediterraneo ed in particolare nei mari di Sicilia*. Part 4. Palermo. 188 p.
- Doi, T., D. Mendizabal, and M. Contreras. 1981. Analisis Preliminar de la Poblacion de Mero, *Epinephelus morio* (Valenciennes) en el Banco de Campeche. *Cienc. Pesq.*, 1 (1):1-15.
- Doi, M., M.H.M. Nawi, N.R.N. Lah, and Z. Talib. 1991. Artificial propagation of the grouper, *Epinephelus suillus* at the marine finfish hatchery in Tanjong Demong, Terengganui, Malaysia. *Kertas pengembangan Perikanan* (Dept. Fisheries, Ministry of Agriculture, Kuala Lumpur), no. 167, 41 p.
- Donaldson, T.J. 1989. Pair spawning of *Cephalopholis boenack* (Serranidae). *Jap. J. Ichthyol.*, 35(4):497-499.
- Dooley, J.K., J. van Tassell, and A. Brito. 1985. An annotated checklist of the shorefishes of the Canary islands. *Am Mus. Novit.*, 2824:1-49, 5 figs.
- Dubin, R.E. 1982. Behavioural interaction between Caribbean reef fish and eels (Muraenidae and Ophichthidae). *Copeia*, 1:229-232.
- Dumeril, A.H.A. 1861. Reptiles et poissons de l'Afrique occidentale. Étude précédée de considérations générales sur leur distribution géographique. *Archs Mus. Natl. Hist. Nat. Paris*, 10:137-268, pls 13-23.
- Edwards, A.J., and C.W. Glass. 1987. The fishes of Saint Helena Island, South Atlantic Ocean. *J. Nat. Hist.*, 21:617-686.
- Ehrenbaum, E. 1914. Über Fische von Westafrika, besonders von Kamerun. *Fischerbote*, 6(2):289-296.
- Ehrenbaum, E. 1915. Über Küsten Fische von Westafrika, besonders von Kamerun. Hamburg. p. 1-85, 38 figs.
- Eibl-Eibesfeldt, I. 1982. *Die Malediven, Paradies im Indischen Ozean*. R. Piper and Co., Verlag Muchem, Zürich. 323 p.
- Erdman, D.S. 1956. Recent fish records from Puerto Rico. *Bull. Mar Sci.*, 6:315-340.
- Evermann, B.W., and W.C. Kendall. 1898. Descriptions of new or little-known genera and species of fishes from the United States. *Bull. U.S. Fish Comm.*, 17 (1897):125-133, figs 1-14, pls 6-9.
- Evermann, B.W., and M.C. Marsh. 1902. The Fishes of Porto Rico. *Bull. U.S. Fish Comm.*, 1900 [1902], 20, Pt. 1:51-350, pls 1-49.
- Evermann, B.W., and A. Seale. 1907a. Fishes of the Philippine Islands. *Bull. Bur. Fish.*, 26:49-110.
- Evermann, B.W., and A. Seale. 1907b. Fishes collected in the Philippine Islands by Maj. A. Mearns, Surgeon, U.S. Army. *Proc. U.S. Natl. Mus.*, 31(1491):505-514.
- Ezzat, A.A., M.Y. Mikhail, W.F. Wadie, and M.T. Hashem. 1982. Length weight relationship and condition factor of *Epinephelus aeneus* and *Epinephelus alexandrinus* in the Egyptian Mediterranean waters. *Bull. Inst. Oceanogr. Fish. Cairo*, 8(1):173-185, illustr.
- Ezzat, A.A., W.F. Wadie, M.Y. Mikhail, and M.T. Hashem. 1981. Age and growth of *Epinephelus aeneus* in the Egyptian Mediterranean waters. *Bull. Inst. Oceanogr. Fish. Cairo*, 7(3):395-406, illustr.
- Fage, L. 1918. Shore-Fishes. *Rep. Dan. Oceanogr. Exped. Mediterr....*, 2, Biology, (A:3):154.
- Figueiredo, J.L., and N.A. Menezes. 1980. *Manual de peixes marinhos do sudesfe do Brasil*. III. Teleostei (2):1-90. Museu de Zoologia, Universidade de São Paulo.
- Fish, C.J., and M.C. Cobb. 1954. Noxious marine animals of the Central and Western Pacific Ocean. *U.S. Dept. Interior; Fish & Wildl. Sew., Res. Rept.*, 36:45 p.
- Fishelson, L. 1981. *Eilat Coral Reef Fish, Biology & Taxonomy*. Hakibbutz Hameuchad Publishing House Ltd., Tel-Aviv, Israel. 141 p.

- Flemming, J. 1828. *A history of British animals exhibiting the descriptive characters and systematical arrangements of the genera and species of quadrupeds, birds, reptiles, fishes, mollusca and radiata of the U.K.; including the indigenous, extirpated and extinct kinds, together with periodical and occasional visitants*. Second edition, 1642, same pag. Edinburg-London. 565 p.
- Forsskal, P. 1775. *Descriptiones animalium...piscium...in itinere orientali observavit. Mölleri, Hauniae*. 164 p.
- Forster, J.R.1844. *Descriptiones animalium quae in itinere ad maris Australis terras per annos 1772-1774 suscepto, collegit, observavit et delineavit Joannes Reinoldus Forster*. M.H.L. Lichtenstein (ed.), Officina Adademica, Berlin. 424 p.
- Fourmanoir, P. 1954. Ichtyologie et pêche aux Comores. *Mém. Inst. Sci. Madagascar*, 9A:167-239, 19 figs.
- Fourmanoir, P. 1957. Poissons téléostéens des eaux Malgaches du Canal de Mozambique. *Mém. Inst. Sci. Madagascar*, 1 :1 -316, pls 1-17.
- Fourmanoir, P. 1961. Liste complémentaire des poissons du Canal de Mozambique. *Mém. Inst. Sci. Madagascar Sér. F*, 4:83-107.
- Fourmanoir, P. 1963. *Epinephelus fuscus*, nouvelle espèce de Serranide trouvée dans les eaux Malgaches. *Bull. Mus. Natl. Hist. Nat. Paris*, sér.2e, 35(2):140-142.
- Fourmanoir, P. 1965. Liste complémentaire des poissons marins de Nha-Trang. *Cah. O.R.S.T.O.M., No. spécial (juillet)*: 1-114.
- Fourmanoir, P. 1966. Trois especes nouvelles de poissons perciformes du Viet-nam et de la Reunion. *Bull. Mus. Natl. Hist. Nat. Paris*, ser. 2e, 38(3):218-222.
- Fourmanoir, P. 1971. Description de quatre poissons trouvés pour la premiere fois dans les Tuamotu et en Nouvelle-Calédonie. *Cah. Pac.*, 15:127-135.
- Fourmanoir, P., and A. Crosnier. 1964. Deuxième liste complémentaire des poissons du Canal de Mozambique. Diagnoses preliminaires de 11 espèces nouvelles. *Cah. O.R.S.T.O.M., sér. Oceanogr*: (1963), sér. Nosy-Bé II, 6:1-32.
- Fourmanoir, P., and P. Laboute. 1976. *Poissons de Nouvelle Calédonie et des Nouvelles Hébrides*. Les Éditions du Pacifique, Papeete, Tahiti. 376 p.
- Fowler, H.W. 1904.A collection of fishes from Sumatra. *J. Acad. Nat. Sci. Philad.*, ser. 2, 12:495-560.
- Fowler, H.W. 1907.Notes on Serranidae. *Proc. Acad Nat. Sci. Philad.*, 59:249-269.
- Fowler, H.W. 1918.New and little-known fishes from the Philippine Islands. *Proc. Acad. Nat. Sci. Philad.*, 70:2-71.
- Fowler, H.W. 1919.Notes on synentognathous fishes. *Proc. Acad. Nat. Sci. Philad.*, 71(1):2-15.
- Fowler, H.W. 1923.New or little known Hawaiian fishes. *Occ. Pap. B.P Bishop Mus.*, 8:375-392.
- Fowler, H.W. 1925.Fishes from Natal, Zululand and Portugese East Africa. *Proc. Acad. Nat. Sci. Philad.*, 77: 187-268.
- Fowler, H.W. 1927.Fishes of the tropical central Pacific. *Bernice P. Bishop Mus. Bull.*, 381-32.
- Fowler, H.W. 1926.The fishes of Oceania. *Mem. Bernice P. Bishop Mus.*, 10:1 -540.
- Fowler, H.W. 1931.Studies of Hong Kong Fishes - No. 2. *Hong Kong Naturalist*, 2(4):267-317, 16 figs.
- Fowler, H.W. 1934.Fishes obtained by Mr. H.W. Bell-Marley chiefly in Natal and Zululand in 1929 to 1932. *Proc.Acad. Nat. Sci. Philad.*, 86:405-514.
- Fowler, H.W. 1935. South African fishes received from Mr. H.W. Bell-Marley in 1935. *Proc. Acad. Nat. Sci. Philad.*, 87:361-408.
- Fowler, H.W. 1936. The marine fishes of West Africa based on the collection of the American Museum Congo Expedition, 1909-1915. Part II. *Bull. Am. Mus. Nat. Hist.*, 70(2):607-1493.
- Fowler, H.W. 1936. A synopsis of the fishes of China. Part VII, the perch like fishes. *Hong Kong Naturalist*, a(3 & 4):249-289.
- Fowler, H.W. 1944. The fishes. Results of the fifth George Vanderbilt Expedition, 1941. *Monogr. Acad. Nat. Sci. Philad.*, 6:57-529, figs 1-266, pl. 1-20.

- Fowler, H.W. 1945. Fishes from Saipan Island, Micronesia. *Proc. Acad. Nat. Sci. Philad.*, 97:59-74.
- Fowler, H.W., and B.A. Bean. 1930. Contributions to the biology of the Philippine Archipelago and adjacent regions. The fishes of the families Amiidae, Chanidae, Duleidae and Serranidae, obtained by the United States Bureau of Fisheries Steamer, "Albatross" in 1907 to 1910, chiefly in the Philippine Islands and adjacent seas. *Bull. U.S. Nat. Mus.*, 100(10):334 p.
- Franca, P. da. 1957. Contribuição para o conhecimento dos Serranidae de Angola. Trabalhos da missão de biologia marítima, No. 12. *Anais da junta de Investigações do Ultramar*, 1957:1-45, pls 1-4.
- Franca, M.L.P. da, and M.S. Vasconcelos. 1962. Peixes do Arquipélago de Cabo Verde. *Notas mimeogr. Centro Biol. Piscat.*, Lisboa, 28:1-86.
- Francis, M. 1988. *Coastal Fishes of New Zealand, A Diver's Identification Guide*. Heinemann Reed, division of Octopus Publishing Group (NZ) Ltd., Auckland. 63 p.
- Franz, V. 1910. Die japanischen Knochenfische der Sammlungen Haberer und Doflein. *Abh. Bayer.Akad. Wiss.*, 4 (suppl. 1):1-135.
- Frias, P. del. 1982. Larval distribution of the red grouper, *Epinephelus morio* (Valenciennes, 1828) (Pisces, Serranidae) in the Gulf of Mexico. *Rev. Cuba. Invest. Pesq.*, 7(4):26-39.
- Fukuhara, O., and T. Fushimi. 1988. Fin differentiation and squamation of artificially reared grouper, *Epinephelus akaara*. *Aquaculture*, 69(3/4):379-386.
- Furnestin, J., J. Dardignac, C. Maurin, A. Vincent, R. Coupé, and H. Boutiere. 1958. Données nouvelles sur les poissons du Maroc atlantique. *Revue Trav. Inst. (scient. tech.) Pêch. marit.*, Paris, 22(4):379-493, 75 figs.
- Ghorab, H.M., A.R. Bayoumi, and A.A. Hassan. 1983. Studies on fish of the family Serranidae from the northwestern region of the Red Sea. *Bull. Inst. Oceanog. Fish. Cairo*, 9:256-265.
- Geoffroy Saint-Hilaire, E. 1817. Poissons de la Mer Rouge et de la Méditerranée. In: *Description de l'Égypte ou Recueil des observations et des Recherches qui ont été faites en Égypte pendant l'expédition de l'armée française*. Planches Histoire Naturelle, 1, Poissons, pls 18-27. Paris.
- Geoffroy Saint-Hilaire, E. 1827. Histoire Naturelle des Poisson du Nil (suite). In: *Description de l'Égypte ou Recueil des observations et des Recherches qui ont été faites en Égypte pendant l'expédition de l'armée française*. Paris, Histoire Naturelle, 1:265-310. Suivi de: Histoire Naturelle des Poissons de la Mer Rouge et de la Méditerranée, p. 311-350.
- Geoffroy Saint-Hilaire, E., and I. Saint-Hilaire. 1808-1829. *Description de l'Égypte ou Recueil des observations et des Recherches qui ont été faites en Égypte pendant l'expédition de l'armée française*, Paris, Histoire Naturelle, 10 vol. Jesus + 3 vol. Atlas.
- Gibert, A.M. 1913. *Fauna ictiologica de Catalunya*. Barcelona. 96 p. plus Addenda of 11 p.
- Giglioli, E.H. 1888. Note intorno agli animali vertebrati raccolti dal Conte Augusto Boutourline e dal D. Leopoldo Traversi ad Assab e nello Scioa negli anni 1884-87. *Ann. Mus. Civ. Storia Nat. Genova*, ser. 6, 2:5-73.
- Gilbert, C.H. 1890. A preliminary report on the fishes collected by the steamer "Albatross" on the Pacific coast of North America during the year 1889, with descriptions of twelve new genera and ninety-two new species. *Proc. U.S. Natl. Mus.*, 13:49-126.
- Gilbert, C.H. 1892. Descriptions of thirty-four new species of fishes collected in 1888 and 1889, principally among the Santa Barbara Islands and in the Gulf of California. *Proc. U.S. Natl. Mus.*, 14(1891) 22:539-566.
- Gilbert, C.H. 1897. Descriptions of twenty-two new species of fishes collected by the steamer Albatross, of the United States fish commission. *Proc. U.S. Natl. Mus.*, 19(1115):437-457, pls 49-55.
- Gilchrist, J.D.F., and W.W. Thompson. 1908-1910. Descriptions of fishes from the Coast of Natal. *Ann. S. Afr. Mus.*, 6: 145-279.
- Gilchrist, J.D.F., and W.W. Thompson. 1917. A catalogue of the sea fishes recorded from Natal, Part 2. *Ann. Durban Mus.*, 1(4):291-431.
- Gill, T. 1862a. Synopsis generum Rhyptici et affinium. *Proc. Acad. Nat. Sci. Philad.*, (1861), 13:52-54.

- Gill, T. 1862b. Descriptions of two new species of marine fishes. *Proc. Acad. Nat. Sci. Philad.*, (1861), 13:98-99.
- Gill, T. 1862c. Remarks on the relations of the genera and other groups of Cuban fishes. *Proc. Acad. Nat. Sci. Philad.*, 14:235-242.
- Gill, T. 1864. Descriptive enumeration of a collection of fishes from the western coast of Central America, presented to the Smithsonian Institution, by Capt. John M. Dow. *Ibid.*, 15(1863):162-174.
- Gill, T. 1865. On a new genus of Serraninae. *Proc. Acad. Nat. Sci. Philad.*, (1865), 17:104-106.
- Gill, T. 1885. Teleostei, p. 98-298. In: J.S. Kingsley, *The Standard of Natural History. Lower Vertebrates* Vol. III. Boston.
- Gilmore, R.G., and R.S. Jones. 1992. Colour variation and associated behavior in the Epinepheline groupers, *Mycteroperca microlepis* (Goode and Bean) and *M. phenax* Jordan and Swain. *Bull. Mar. Sci.*, 51(1):83-103.
- Gloerfelt-Tarp, T., and P.J. Kailola. 1984. *Trawled fishes of southern Indonesia and northwestern Australia*. Australian Development Assistance Bureau, Australia; Directorate General of Fisheries, Indonesia; German Agency for Technical Cooperation, Fed. Republ. Germany. 406 p.
- Goeden, G.B. 1978. A monograph of the coral trout, *Plectropomus leopardus* (Lacepède). *Queensland Fish. Serv. Res. Bull.*, (1):1-42.
- Gonsales, P.D. 1982. Age and growth determination of the red grouper, *Epinephelus morio* (Valenciennes), from the Campeche Bank of the Gulf of Mexico. *Tr. Zin/Proc. Zool. Inst. U.S.S.R. Acad. Sci.*, 114:57-66, illustr. (in Russian).
- Goode, G.B., and T.H. Bean. 1879. On a new serranoid fish *Epinephelus drummond-hayi*, from the Bermudas and Florida. *Proc. U.S. Natl. Mus.*, 1 (1878):173-175, pls 1-3.
- Goode, G.B., and T.H. Bean. 1880. Catalogue of a collection of fishes sent from Pensacola, Florida, and vicinity, by Mr. Silas Stearns, with descriptions of six new species. *Proc. U.S. Natl. Mus.*, 2 (1879):121-156.
- Goode, G.B., and T.H. Bean. 1883. Descriptions of twenty-five new species of fish from southern United States, and three new genera, *Letharcus*, *Ioglossus*, and *Chriodorus*. *Ibid.*, 5 (1882):412-437.
- Gosline, W.A. 1966. The limits of the fish family Serranidae, with notes on other lower percoids. *Proc. Calif. Acad. Sci.*, 4th ser. 33(6):91-112.
- Grant, E.M. 1975. *Guide to Fishes*, Fourth Edition. The Co-ordinator-General's Department, Brisbane, Queensland, Australia. 640 p.
- Grant, E.M. 1982. *Guide to Fishes*. Dep. Harbours Mar., Brisbane, Queensland, Australia. 896 p.
- Grant, E.M. 1987. *Fishes of Australia*. E.M. Grant Pty. Ltd., Scarborough, Queensland, Australia. 480 p.
- Gras, R. 1960. Liste des Poissons du Bas Dahomey faisant partie de la collection du laboratoire d'Hydrobiologie du Service des Eaux, For&s et Chasse du Dahomey. *Bull. IFAN*, 23, sér. A, (2):572-586.
- Griffin, L.T. 1926. Descriptions of New Zealand fishes. *Trans. New Zealand Inst.*, 56:538-546.
- Gronovius, L.T. 1854. *Catalogue of fish collected and described by Laurence Theodore Gronow, now in the British Museum*. J.E. Gray (ed.), British Museum, London. 196 p.
- Gruvel, A. 1936. Contribution à l'étude de la bionomie générale et de l'exploration de la faune du Canal de Suez, *Mém. Inst. Egypte*, 29:1-255.
- Guichenot, A. 1868. Index generum ac specierum Anthiadidorum hucusque in Museo Parisiensi observatorum. *Ann. Soc. Linée Dépt. Maine Loire*, 10:80-87.
- Günther, A. 1859. Catalogue of the Acanthopterygian fishes in the British Museum I. *Brit. Mus. Nat. Hist.*, London, 524 p.
- Gunther, A. 1867. On the fishes of the states of Central America founded on species collected by Messrs. Salvin and Godman and Capt. J.M. Dow. *Proc. Zool. Soc. London*, 1866 (3):600-604.
- Gunther, A. 1869. Notice of a gigantic species of *Batrachus* from the Seychelle Islands. *Ann. Mag. Nat. Hist.*, ser 3, 4:131-132.

- Günther, A. 1873-1875. Andrew Garrett's Fische der Südsee. Vol. 1. *J. Mus. Godeffroy, Fax.*, 3,6,9:1-128. Reprint edition 1966. J. Cramer Publisher, Lehre, West Germany.
- Günther, A. 1876. Remarks on fishes, with descriptions of new species in the British Museum, chiefly from southern seas. *Ann. Mag. Nat. Hist.*, ser. 4, 17:389-402.
- Günther, A. 1880. Report on the Shore Fishes Collected by H.M.S. Challenger. *Zool. H.M.S. Challenger Exped.*, 1, pt. 6:1-82. Reprint edition 1963. J. Cramer, Weinheim, West Germany.
- Gushiken, S. 1972. *Fishes of the Okinawa Islands*. Tiger Printing Co., Okinawa. 251 p.
- Halstead, B.W. 1967. *Poisonous and Venomous Marine Animals of the World*. Vol. 2. U.S. Government Printing Office, Washington, D.C. 1070 p.
- Halstead, B.W., and D.W. Schall. 1955. A report on the poisonous fishes captured during the Woodrow G. Krieger expedition to the Galapagos Islands. *Essays in the nat. sci. in honor of Capt. Allan Hancock on the occasion of his birthday July 26, 1955, Univ. Southern Calif. Press.* p. 147-172.
- Hamilton, F. 1822. *An Account of the Fishes Found in the River Ganges and its Branches*. Archibald Constable and Company, Edinburgh. 405 p.
- Harmelin-Vivien, M.L., and C. Bouchon. 1976. Feeding behaviour of some carnivorous fishes (Serranidae and Scorpaenidae) from Tulear (Madagascar). *Mar. Biol.*, 37:329-340.
- Heemstra P.C. 1974. On the identity of certain Eastern Pacific and Caribbean post-larval fishes (Perciformes) described by Henry Fowler. *Proc. Acad. Nat. Sci. Philad.*, 126(3):21-26.
- Heemstra, P.C. 1991. Ataxonomic revision of the eastern Atlantic groupers (Pisces: Serranidae). *Bol. Mus. Mun. Funchal*, 43(226):5-71.
- Heemstra, P.C., and J.E. Randall. 1984. Serranidae, without pagination. In: W. Fischer and G. Bianchi (eds), *FAO species identification sheets for fishery purposes: Western Indian Ocean*. Vol. 4. Food and Agriculture Organization of the United Nations, Rome. 241 p.
- Heemstra, P.C., and J.E. Randall. 1986. Serranidae, p. 509-537. In: M.M. Smith and P.C. Heemstra (eds), *Smiths' Sea Fishes*. Macmillan South Africa, Johannesburg. 1047 p.
- Helfrich, P., T. Piyakarnchana, and P.S. Miles. 1968. Ciguatera fish poisoning. I. The ecology of ciguateric reef fishes in the Line Islands. *Occ. Pap. Bernice P. Bishop Mus.*, 23(14):305-382.
- Herald, E.S. 1961. *Living Fishes of the World*. Doubleday & Company, Inc., Garden City, New York. 304 p.
- Herre, A.W. 1953. Check List of Philippine Fishes. *U.S. Dept. Interior, Fish & Wildl. Serv., Res. Rept.*, 20: 1-977.
- Hiatt, R.W., and D.W. Strasburg. 1960. Ecological relationships of the fish fauna on coral reefs of the Marshall Islands. *Ecol. Monogr.*, 30:65-127.
- Hildebrand, S.F. 1946. A descriptive catalogue of the shore fishes of Peru. *Bull. U.S. Natl. Mus.*, 189:1-530, 95 figs.
- Hiyama, Y. 1943. *Report of an investigation of poisonous fishes of South Seas*. Nissan Fish. Exp. Stn. Odawara Branch, Japan. 137 p. (in Japanese). Translated from the Japanese language by W.G. Van Campen, 1950, U.S. Dept. of Interior, Spec. Sci. Rept. Fisheries, no. 25:1-188.
- Hiyama, Y., and F. Yasuda. 1971. *Living Fishes of the Japanese Coastal Waters*. Kodansha, Tokyo. 337 p.
- Hobson, E.S. 1968. Predatory behavior of some shore fishes in the Gulf of California. *U.S. Fish & Wildlife Service Res. Rep.*, 73:1-92.
- Hoese, D.F. 1976. Serranidae. In: Annotated checklist of the fishes of Lord Howe Island. *Rec. Aust. Mus.*, 30(15):365-454.
- Hoese, D.F., J. Bowling, B. Russell, and J.E. Randall. 1981. A preliminary revision of Australian species of coral trout of the genus *Plectropomus*. *Occas. Rep. Aust. Mus.*, 2, 28 p.
- Hoese, H.D., and R.H. Moore. 1977. *Fishes of the Gulf of Mexico*. Texas A & M University Press, College Station. 327 p.
- Holbrook, J.E. 1855. *Ichthyology of South Carolina*. Charleston, South Carolina. 182 p., 27 pls.

- Hombron, J.B., and H. Jacquinot. 1853. Reptiles et poissons. In: J. Dumont d'Urville (éd.). *Voyage au Pôle Sud et dans l'Océanie sur les corvettes "L'Astrolabe" et "La Zélée",... pendant 1837-40*. Vol. 3, Pt. 2, Paris. p. 31-56.
- Houde, E.D. 1982. Kinds, distributions and abundances of sea bass larvae (Pisces: Serranidae) from the Eastern Gulf of Mexico. *Bull. Mar. Sci.*, 32(2): 511-522.
- Hu, A.S. 1979. Serranidae, p. 117-141. In: C.T. Cheng, and J.J. Yang, *The Fishes of the Islands in the South China Sea*. Science Press, Beijing, China.
- Huang, T.S., K.J. Lin, C.L. Yen, C.Y. Lin, and C.L. Chen. 1986. Experiments on the artificial propagation of black spotted grouper, *Epinephelus salmonoides* (Lacepède). 1. Hormone treatment, ovulation of spawners and embryonic development. *Bull. Taiwan Fish. Res. Inst.*, 40:241-258.
- Huang, T.S., C.L. Yen, and C.Y. Liu. 1987. Experiments on the artificial propagation of salmon-like grouper *Epinephelus salmoides* (Lacepède). 3. Brood stock nursing induced maturation and spawning. *Bull. Taiwan Fish Res. Inst.*, 42:317-335, illustr.
- Hubbs, C.L., and K.F. Lagler. 1964. *Fishes of the Great Lakes Region*. Univ. Michigan Press, Ann Arbor. 213 p.
- Hureau, J.C., and Th. Monod. 1973. *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean (CLOFNAM)*. Vol. I. United Nations Educational, Scientific and Cultural Organization, Paris. 683 p.
- Hureau, J.C., and Th. Monod. 1978. *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean (CLOFNAM)*. Vol. II (with supplement). United Nations Educational, Scientific and Cultural Organization, Paris. 394 p.
- Hussain, N., and M. Higuchi. 1980. Larval rearing and development of the brown spotted grouper, *Epinephelus tauvina* (Forsskål). *Aquaculture*. 19:339-350.
- Hussain, N., M. Saif, and M. Ukawa. 1975. On the culture of *Epinephelus tauvina* (Forsskål). *Kuwait Inst. Sci. Res.*, 14 p.
- Hutchins, B. 1979. *A Guide to the Marine Fishes of Rottnest Island*. Creative Research, Perth. 103 p.
- International Commission on Zoological Nomenclature. 1987. Opinion 1439. *Cephalopholis argus* Schneider, 1801 and *Serranus sexmaculatus* (currently *Cephalopholis sexmaculata*) Rüppell, 1830 (Osteichthyes): conserved. *Bull. Zool. Nomencl.*, 44(2):142-143.
- Jenkins, O.P., and B.W. Evermann. 1889. Description of eighteen new species of fishes from the Gulf of California. *Proc. U.S. Natl. Mus.*, 11 (1888): 137-158.
- Jenyns, L. 1839-1843. Fish. In: C. Darwin (ed., 1842), *The Zoology of the Voyage of H.M.S. "Beagle," During the Years 1832-1836*. Part 4. Smith, Elder and Co., London. 172 p.
- Johnson, G.D. 1983. *Nippon spinosus*: a primitive epinepheline serranid, with comments on the monophyly and intrarelationships of the Serranidae. *Copeia*, 1983(3):777-787, 9 figs.
- Johnson, G.D. 1984. Percoidei: development and relationships, p. 464-498. In: *Ontogeny and Systematics of Fishes*. Spec. Pub. No. 1, Am. Soc. Ichthyol. Herpetol., 760 p.
- Johnson, G.D. 1988. *Nippon spinosus*, a primitive epinepheline serranid: corroborative evidence from the larvae. *Jap. J. Ichthyol.*, 35(1):7-18.
- Johnson, G.D., and P. Keener. 1984. Aid to identification of American grouper larvae. *Bull. Mar. Sci.*, 34(1):106-134.
- Jones, R.S., E.J. Guthertz, W.R. Nelson, and G.C. Matlock. 1989. Burrow utilization by yellowedge grouper, *Epinephelus flavolimbatus*, in the northwestern Gulf of Mexico. *Environ. Biol. Fish.*, 26(4):277-284.
- Jones, S., and M. Kumaran. 1980. *Fishes of the Laccadive Archipelago*. The Nature Conservation and Aquatic Sciences Service, Kerala, India. 760 p.
- Jordan, D.S. 1888. Description of two new species of fishes from South America. *Proc. Acad. Nat. Sci. Philad.*, 39 (1887) :387-388.
- Jordan, D.S. 1895. The fishes of Sinaloa. *Proc. Calif. Acad. Sci.*, (2)5(1):377-514, pls 26-55.

- Jordan, D.S. 1917-20. The genera of Fishes, from Linnaeus to 1920, with the accepted type of each. A contribution to the stability of scientific nomenclature. *Stanford Univ. Publ., Univ. Ser.*, 576 p. in four parts.
- Jordan, D.S., and C.H. Eigenmann. 1890. A review of the genera and species of Serranidae found in the waters of America and Europe. *Bull. U.S. Fish Comm.*, 8(1888):329-441, pls 60-69.
- Jordan, D.S., and B.W. Evermann. 1887. Description of six new species of fishes from the Gulf of Mexico, with notes on other species. *Proc. U.S. Natl. Mus.*, 9(1886):466-476.
- Jordan, D.S., and B.W. Evermann. 1896. The fishes of North and Middle America. *Bull. U.S. Natl. Mus.*, 47(1): 1240 p.
- Jordan, D.S., and B.W. Evermann. 1905. The shore fishes of the Hawaiian Islands. *Bull. U.S. Fish Comm.*, (1903)23, pt. 1 :1 -574.
- Jordan, D.S., and B.W. Evermann. 1927. New genera and species of North American fishes. *Proc. Calif. Acad. Sci.*, (4)16(15):501-507.
- Jordan, D.S., B.W. Evermann, and H.W. Clark. 1930. Check List of the Fishes and fishlike vertebrates of North and Middle America north of the northern boundary of Venezuela and Colombia. *Rept. U.S. Comm. Fish.* 1928, appendix 10:1-670. (Reprint edition 1955 U.S. Government Printing Office, Washington, D-C.)
- Jordan, D.S., and C.H. Gilbert. 1883. Synopsis of the fishes of North America. *Bull. U.S. Natl. Mus.*, 16(1882):1018 p.
- Jordan, D.S., and C.L. Hubbs. 1925. Record of fishes obtained by David Starr Jordan in Japan, 1922. *Mem. Carnegie Mus.*, 10(2):93-347.
- Jordan, D.S., and C.M. Metz. 1913. A Catalog of the fishes known from the waters of Korea. *Mem. Carnegie Mus.*, 6(1):1-65.
- Jordan, D.S., and R.E. Richardson. 1908. Fishes from Islands of the Philippine Archipelago. *Bull. Bur. Fish.*, (1907)27(640):233-287.
- Jordan, D.S., and R.E. Richardson. 1910. A review of the Serranidae or sea bass of Japan. *Proc. U.S. Natl. Mus.*, 37(1714):421-474.
- Jordan, D.S., and C. Rutter. 1898. A collection of fishes made by Joseph Seed Roberts in Kingston, Jamaica. *Proc. Acad. Nat. Sci. Philad.*, 49(1897):91-133.
- Jordan, D.S., and A. Seale. 1906. The fishes of Samoa, description of the species found in the archipelago, with a provisional check-list of the fishes of Oceania. *Bull. Bur. Fish.*, (1905)25: 173-488.
- Jordan, D.S., and J. Swain. 1885. A review of the American species of Epinephelus and related genera. *Proc. U.S. Natl. Mus.*, 7(1884):358-410.
- Jordan, D.S., S. Tanaka, and J.O. Synder. 1913. A catalogue of the fishes of Japan. *Journal of the College of Science, Tokyo Impend University*, 23, part 1:1-497.
- Jordan, D.S., and W.F Thompson. 1914. Record of the fishes obtained in Japan in 1911. *Mem. Carnegie Mus.*, 6(4):205-313.
- Kailola, P.J. 1987. The fishes of Papua New Guinea: a revised and annotated checklist. Vol. 2: Scorpaenidae to Callionymidae. *Dept. Fish. & Mar. Resour., Res. Bull.*, 41 :195-418.
- Kailola, P.J., and J.K. Jones. 1981. First record of *Promicrops lanceolatus* (Bloch) (Pisces: Serranidae) in South Australian waters. *Trans. R. Soc. S. Aust.*, 105(4):211-212.
- Kami, H.T. 1971. Check-list of Guam fishes, Supplement I. *Micronesica*, 7(1&2):215-228.
- Kami, H.T., I.I. Ikehara, and F.P. Deleon. 1968. Check-list of Guam fishes. *Micronesica*, 4(1):95-131.
- Kamohara, T. 1954. Eleven additions to the fish fauna of Prov. Tosa, including one new species of the family Serranidae. *Res. Rept. Kochi Univ.*, 3(26):1-6.
- Kamohara, T. 1957. List of fishes from Amami-Oshima and adjacent regions, Kagoshima Prefecture, Japan. 4(1):1-65.
- Kamohara, T. 1958. A catalogue of fishes of Kochi Prefecture (province Tosa), Japan. *Rept. USA Mar. Biol. Sta.*, 5(1):1-76.

- Kamohara, T. 1959. New records of fishes from Kochi Prefecture, Japan. *Rept. USA Mar. Biol. Sta.*, 6(2):1-8.
- Katayama, M. 1953. A new serranid fish, *Epinephelus hata*, found in Japan. *Bull. Fac. Educ. Yamuguchi Univ.*, 3(1):52-56.
- Katayama, M. 1957. Four new species of serranid fishes from Japan. *Jap. J. Zchthyol.*, 6:153-159.
- Katayama, M. 1959. Studies on the serranid fishes of Japan. I. *Bull. Fac. Educ. Yamuguchi Univ.*, 8(2):103-181.
- Katayama, M. 1960. *Fauna Japonica. Serranidae (Pisces)*. Tokyo, Tokyo News Service. 189 p., 86 pls.
- Katayama, M. 1973. Serranid fishes of the Okinawa Islands (I). *Bull. Fac. Educ. Yamuguchi Univ.*, 23(2):197-208.
- Katayama, M. 1974. Serranid fishes of the Okinawa Islands (II). *Bull. Fac. Educ. Yumuguchi Univ.*, 24(2):99-112.
- Katayama, M. 1975. Serranid fishes of the Okinawa Islands (III). *Bull. Fac. Educ. Yumuguchi Univ.*, 25(2):161-1 78.
- Katayama, M. 1978. Serranid fishes of the Okinawa Islands (IV). *UO, Jap, Soc. Ichthyol.*, 29:1-12.
- Katayama, M. 1988. Family Serranidae. p. 126-138. In: H. Masuda, K. Amaoka, C. Araga, T. Uyeno, and T. Yoshino (eds), *The Fishes of the Japanese Archipelago*. Second edition. Tokai University Press, Tokyo. 456 p., 378 pls.
- Keener, P., G.D. Johnson, B.W. Stender, E.B. Brothers, and H.R. Beatty. 1988. Ingress of postlarval gag, *Mycteroperca microlepis* (Pisces: Serranidae), through a South Carolina Barrier Island inlet. *Bull. Mar. Sci.*, 42(3):376-396.
- Kendall, A.W. Jr. 1979. Morphological comparisons of North American sea bass larvae (Pisces: Serranidae). *NOAA Tech. Rep. NMFS Circular 428*, 50 p., 43 figs.
- Kendall, A.W. Jr. 1984. Serranidae: development and relationships, p. 499-510. In: H.G. Moser, W.J. Richards, D.M. Cohen, M.P. Fahay, A.W. Kendall, Jr., and S L. Richardson (eds), *Ontogeny and systematics of fishes. An international symposium dedicated to the memory of Elbert Halvor Ahlstrom held August 15-18 at La Jolla, California*. *Amer. Soc. Ichthyol. and Herpetol.*, 1:760 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(1):117-121.
- Kitajima, C., M. Takaya, Y. Tsukashima, and T. Arakawa. 1991. Development of eggs, larvae and juveniles of the grouper, *Epinephelus septemfasciatus*, reared in the laboratory. *Jap. J. Ichthyol.*, 38(1):47-53.
- Klauswitz, W., and J.G. Nielsen. 1965. On Forsskål's collection of fishes in the Zoological Museum of Copenhagen. *Spolia Zool. Mus. Hauniensis*, 22:1-29.
- Klunzinger, C.B. 1870. Synopsis der Fische des Rothen Meeres. Part 1, Percoiden-Mugiloiden. *Verh. Zool.-Bot. Ges. Wien*, 20:669-834.
- Klunzinger, C.B. 1884. *Die Fische des Rothen Meeres*. I. Theil, Acanthopteri veri Owen. E. Schweizerbart'sche, Stuttgart. 133 p.
- Kner, R. 1864. Specielles Verzeichniss der während der Reise der kaiserlichen Fregatte "Novara" gesammelten Fische. *Sitzungsber. Oesterr. Akad. Wiss.*, 1864, 49(1):481-486.
- Kner, R. 1865. Fische, p. 275-433. In: *Reise der österreichischen Fregatte "Novara" um die Erde in den Jahren 1857-1859, unter den Befehlen des Commodore B. von Wüllerstorff-Urbain*. Wien.
- Kohno, H. 1987. An introduction to Lapu-lapu (*Epinephelus*) of the Philippines. *Asian Aquacult.*, 9(3):5-8.
- Kossman, R.A., and H. Räuber. 1877. Pisces, p. 3-34. In: *Zoologische Ergebnisse einer im Auftrage der königlichen Akademie der Wissenschaften zu Berlin ausgeführten Reise in die Kiistengebiete des Rothen Meeres*. Leipzig.
- Kotthaus, A. 1970. Fische des Indischen Ozeans. A. Systematischer Teil, VII, Percomorphi (1). *Meteor Forschungsergeb.*, D, Biol.(6):43-55.
- Krusenstern, A.J. von. 1810-1812. *Reise urn die Welt, in den Jahren 1803, 1804, 1805 und 1806, etc*. St. Petersburg. (Atlas only).

- Kuo, C.M., Y.Y. Ting, and S.L. Yeh. 1988. Induced sex reversal and spawning of blue-spotted grouper *Epinephelus fario*. *Aquaculture*, 74(1/2): 113-126.
- Kuronuma, K., and Y. Abe. 1972. *Fishes of Kuwait*. Kuwait Institute for Scientific Research, State of Kuwait. 123 p.
- Kuronuma, K., and Y. Abe. 1986. *Fishes of the Arabian Gulf*. Kuwait Institute for Scientific Research, p. 1-356, 16 figs, 30 pls.
- Kyushin, K., K. Amaoka, K. Nakaya, and H. Ida. 1977. *Fishes of Indian Ocean*. Japan Marine Fishery Resource Research Center, Tokyo. 392 p.
- Kyushin, K., K. Amaoka, K. Nakaya, H. Ida, Y. Tanino, and T. Senta. 1982. *Fishes of the South China Sea*. Japan Marine Fishery Resource Research Center, Tokyo. 333 p.
- Laboute, P., and Y. Magnier. 1983. *Guide sous-marin de Nouvelle-Calédonie*. Les Editions du Pacifique, Papeete. 160 p.
- Lacepède, B.G.E. 1798. *Histoire Naturelle des Poissons*, vol. 1. Chez Plassan, Paris. cxlvii+532 p.
- Lacepède, B.G.E. 1800. *Histoire Naturelle des Poissons*. vol. 2. Chez Plassan, Paris. lxiv+632 p.
- Lacepède, B.G.E. 1801. *Histoire Naturelle des Poissons*, vol. 3. Chez Plassan, Paris. xxvii+558 p.
- Lacepède, B.G.E. 1802. *Histoire Naturelle des Poissons*, vol. 4. Chez Plassan, Paris. xlv+728 p.
- Lavondes, H., and J.E. Randall. 1978. Les noms de poissons marquisiens. *J. Soc. Océanistes*, 34(60):79-112.
- Lee, A.S. 1974. Hábitos alimentarios de la cherna criolla *Epinephelus striatus* Bloch y algunos datos sobre su Biología. Serie Oceanologica No. 25, *Acad. Ciencias de Cuba Inst. de Oceanología*.
- Lee, S.C. 1990. A revision of the serranid fish (Family Serranidae) of Taiwan. *J. Taiwan Mus.*, 43(2): 1-72.
- Leis, J.M. 1986. Larval development in four species of Indo-Pacific coral trout *Plectropomus* (Pisces: Serranidae: Epinephelinae) with an analysis of the relationships of the genus. *Bull. Mar Sci.*, 38(3):525-552.
- Leis, J.M. 1987. Review of the early life history of tropical groupers (Serranidae) and snappers (Lutjanidae), p. 189-237. In: J.J. Polovina and S. Ralston (eds), *Tropical Snappers and Groupers: Biology and Fisheries Management*. Westview Press, Boulder, Colorado. 659 p.
- Leis, J.M., and D.S. Rennis. 1983. *The Larvae of Indo-Pacific Coral Reef Fishes*. New South Wales University Press, Sydney and University of Hawaii Press, Honolulu. 269 p.
- Leviton, A.E., R.H. Gibbs, Jr., E. Heal, and C.E. Dawson. 1985. Standards in herpetology and ichthyology: Part I. Standard symbolic codes for institutional resource collections in herpetology and ichthyology. *Copeia*, 1985(3):802-832.
- Li, J., H. Zhou, B. Xu, and Y. Ding. 1988. A preliminary study on the growth of red grouper. *Mar. Sci.*, 4:53-57.
- Lichtenstein, M.H.G. 1822. Die Werke von Marcgrave und Piso über die Naturgeschichte Brasiliens, erläutert aus den wieder aufgefundenen Originalzeichnungen. Abbildungen. IV. Fische. *Abh. K. Akad. Wiss. Berlin*, (1820-1821):267-288.
- Lienard, F. 1839. Poissons. Acanthoptérygiens. *Dixième Rapport Annuel, Soc. Hist. Natur. L'île Maurice*, by Louis Bouton.
- Lindberg, G.U., and Z.V. Krasnyukova. 1971. *Fishes of the sea of Japan and the adjacent areas of the Sea of Okhotsk and the Yellow Sea. Part 3, Teleostomi, XXIX. Order Perciformes*. IPST Cat. no. 5959. Israel Program for Scientific Translation Ltd., U.S. Dept. Commerce, National technical Information Service, Springfield, Virginia. 498 p.
- Linnaeus, C. 1758. *Systema Naturae sive Regna tria Naturae, Systematice Proposita per Classes, Ordines, Genera et Species...etc.*, vol. 1, Regnum Animale. 10th Edition. Stockholm. 824 p.
- Löfning, P. 1758. *Iter Hispanicum, eller resa til Spanska landema uti Europa och America,...utgifven af C. Linnaeus*. Stockholm. 316 p.
- Longhurst, A.R. 1960. A summary survey of the food of West African demersal fish. *Bull. Inst. Franç. Afr. noire*, 22A:276-282.

- Lopez Lemus, L.G. 1988. Biochemical Systematic Analysis of Evolutionary Relationships of Groupers from the Gulf of California. *Biochem. Syst. Ecol.*, 16(1):79-87.
- Lowe, R.T. 1834. Characters of a new genus *Leirus*, and of several new species of fishes from Madeira (*Serranus marginatus*, *Beryx splendens*, *Rhombus maderensis*, *Crenilabrus trutta*, *Centrina nigra*, etc.). *Proc. Zool. Soc. London*, (1883) 1:142-144.
- Lowe, R.T. 1836. Piscium Maderensium species quaedam novae, vel minus rite cognitae breviter descriptae (*Serranus fimbriatus*, *S. fuscus*, *Priacanthus fulgens*, *Polymixia nobilis*, *Leirus bennetti*, etc.). *Trans Cambridge Phil. Soc.*, (1836)6:195-202.
- Lubbock, R. 1980. The shore fishes of Ascension Island. *J. Fish Biol.*, 17:283-303.
- Luckhorst, B.E., J.A. Barnes, and Y. Sadovy. 1992. Records of an unusually large red hind, *Epinephelus guttatus* (Pisces: Serranidae) from Bermuda with comments on its age. *Bull. Mar Sci.*, 51(2):267-270.
- Macleay, W. 1879. Descriptions of some new fishes from Port Jackson and King George's Sound. *Proc. Linn. Soc. N.S.W.*, 3:33-37.
- Macleay, W. 1883a. Contribution to a knowledge of the fishes of New Guinea. *Proc. Linn. Soc. N.S.W.*, 7:224-250.
- Macleay, W. 1883b. Contribution to a knowledge of the fishes of New Guinea. *Proc. Linn. Soc. N.S.W.*, 8:252-280.
- Macleay, W. 1884. Notes on a collection of fishes from the Burdekin and Mary Rivers, Queensland. *Proc. Linn. Soc. N.S.W.*, (1883)8:199-213.
- Maigret, J., and B. Ly. 1986. *Les Poissons de Mer de Mauritanie*. Centre National de Recherches Océanographiques et des Pêches, Mauritanie. 213 p.
- Manday, D.G., and M.J. Fernandez. 1966. Desarrollo embrionario y primeros estadios larvales de la Cherna Criolla, *Epinephelus striatus* (Bloch) (Perciformes: Serranidae). *Acad. Cien. Cuba, Estud. Inst. Oceanol.*, 1:35-45.
- Manooch, C.S. III. 1984. *Fisherman's Guide. Fishes of the southeastern United States*. North Carolina State Museum of Natural History Raleigh, North Carolina. p. 224-239.
- Manooch, C.S., and M. Haimovici. 1978. Age and growth of the gag, *Mycteroperca microlepis*, and size-age composition of the recreational catch off the southeastern United States. *Trans. Am. Fish. Soc.*, 107:234-240.
- Manooch, C.S., and D.L. Mason. 1987. Age and growth of the Warsaw grouper, and black grouper from the southeast region of the United States. *Northeast Gulf Sci.*, 9(2):65-75.
- Manzoni, P. 1987. *Enciclopedia illustrata delle specie ittiche marine*. Istituto Geografico de Agostini Camera di Commercio di Como. 127 p.
- Marcgrave, G. 1648. *Rerum Naturalium Historiae. Liber quartus de piscibus Brasiliae*. (pp. 142-181). In *Pisonis, Guilielmi, Medicina Brasiliensis*. Amsterdam.
- Marshall, N.B. 1950. Fishes from the Cocos-Keeling Islands. *Bull. Raffles Mus.*, Singapore, 22:166-205.
- Marshall, T.C. 1964. *Fishes of the Great Barrier Reef and Coastal Waters of Queensland*. Angus and Robertson, Sydney. 566 p.
- Martin Salazar, F. 1956. Ictiologia del Archipelago do los Roques. In: *El Archiplelago de Los Roques y La Orchila*. Soc. Ciencias Nat. La Salle, Caracas, p. 87-145, figs.
- Masuda, H. 1984. *Field Pictorial Dictionary of Marine Fishes*. Tokai University Press, Tokyo. 227 p.
- Masuda, H., and G.R. Allen. 1987. *Sea Fishes of the World (Indo-Pacific Region)*. Yama-kei Publishers Co., Ltd., Tokyo. 527 p.
- Masuda, H., C. Araga, and T. Yoshino. 1975. *Coastal Fishes of Southern Japan*. Tokai University Press, Tokyo. 382 p.
- Masuda, S. 1942. Notes on the Japanese fishes of the genus *Epinephelus*. *Ann. Zool. Japon*, 21(2):106-122.

- Matheson, R.H. III, and G.R. Huntsman. 1984. Growth, mortality, and yield-per-recruit models for speckled hind and snowy grouper from the United States South Atlantic Bight. *Trans. Am. Fish. Soc.*, 113(5):607-616.
- Matheson, R.H. III, G.R. Huntsman, and C.S. Manooch, III. 1986. Age, growth, mortality, food and reproduction of the scamp, *Mycteroperca phenax*, collected off North Carolina and South Carolina. *Bull. Mar. Sci.*, 38(2):300-312.
- Mathews, C.P., and M. Samuel. 1987. Growth, mortality and assessments for groupers from Kuwait. *Kuwait Bull. Mar Sci.*, 9: 173-191.
- Mathews, C.P., M. Samuel, and M.K. Baddar. 1986. Sexual maturation, length and age in some species of Kuwait fish related to their suitability for aquaculture. *Kuwait Bull. Mar. Sci.*, 8:243-256.
- Matsubara, K. 1955. *Fish Morphology and Hierachy*. Part I. Ishizaki-Shoten, Tokyo. 789 p. (in Japanese)
- Matsuura, K., and R. Arai. 1986. Sea Fishes collected from Hegura-jima Island in the Sea of Japan. *Mem. Nat. Sci. Mus.*, 19:185-191.
- Maurin, C. 1968. Écologie ichtyologique des fonds chalutables atlantiques (de la Baie Ibéro-Marocaine à la Mauritanie) et de la Méditerranée occidentale. *Rev. Trav. Inst. Pêches Marit.*, 32(1):1 -147.
- Mayland, H.J. 1975. *Korallenfische und Niedere Tiere*. Landbuch-Verlag, GmbH, Hannover. 295 p. (in German).
- McCulloch, A.R. 1927. *The Fishes and Fish-Like Animals of New South Wales*. Royal Zoological Society of New South Wales, Sydney. 104 p.
- McCulloch, A.R. 1929-1930. A check-list of the fishes recorded from Australia. *Mem. Aust. Mus.*, 5:1-534.
- McErlean, A.J. 1963. A study of the age and growth of the gag, *Mycteroperca microlepis* Goode and Bean (Pisces: Serranidae) on the west coast of Florida. *Florida Bd. Conserv., Mar. Lab. Tech. Ser.*, 41:1-29.
- McErlean, A.J., and C.L. Smith. 1964. The age of sexual succession in the protogynous hermaphrodite, *Mycteroperca microlepis*. *Trans. Am. Fish. Soc.*, 93:301-302.
- McKay, R.J. 1974. A list of the fishes recorded from Christmas Island, Indian Ocean. *Rec. West. Aust. Mus.*, 3(1):3-13.
- Meek, SE., and S.F. Hilderbrand. 1925. The marine fishes of Panama. *Publ. Field Mus. Nat. Hist., Zool. Ser.*, 249(2):331-707, 25-71 pls.
- Menzel, D.W. 1960. Utilization of food by a Bermuda reef fish, *Epinephelus guttatus*. *J. Cons. Cons. Int. Explor. Mer.*, 25(2):216-222
- Min, T.S., L.P. Yong, T. Senta, and H.K. Kuang (eds).1982. *A Colour Guide to the Fishes of the South China Sea and the Andaman Sea*. Primary Production Department/Marine Fisheries Research Department, SEAFDEC, Singapore. 45 p.
- Miranda Ribeiro, A. de. 1915. Fauna Brasiliense. Peixes, part 5. *Arch. Mus. Nac. Rio de Janeiro*, 17:1-426.
- Mito, S., M. Ukawa, and M. Higuchi. 1967. On the larval and young stages of a serranid fish, *Epinephelus akaara* (Temminck et Schlegel). *Bull. Naikai Region. Fish. Res. Lab.*, 25:337-347. (in Japanese).
- Moe, M.A. Jr. 1969. Biology of the red grouper, *Epinephelus morio* (Valenciennes) 1969 from the eastern Gulf of Mexico. *Florida Dept. Nat. Resources Mar Res. Lab., Prof. Pap.*, (10):95 p.
- Monod, T. 1927. Contribution à la faune du Cameroun. Pisces I:643-742, 35 figs, *Faune des Colonies françaises*, 1.
- Montgomery, W.L. 1975. Interspecific associations of seabasses (Serranidae) in the Gulf of California. *Copeia*, 1975(4):785-787.
- Moore, C.M., and R.F. Labisky. 1984. Population parameters of a relatively unexploited stock of snowy grouper in the lower Florida Keys. *Trans. Am. Fish. Soc.*, 113:322-329.
- Morgan, G.R. 1983. A preliminary multi-species assessment of Kuwait's gargoor (fish trap) fishery. *Annu. Res. Rep. Kuwait Inst. Sci. Res.*, 8:65-66.
- Morgans, J.F.C. 1959. Three confusing species of serranid fish, one described as new, from East Africa. *Ann. Mag. Nat. Hist.*, (13)1:642-656, pls 16-19.

- Morgans, J.F.C. 1964. A preliminary survey of bottom fishing on the North Kenya Banks. *Colonial Office (London) Fish Pubs.*, 21:1-91.
- Morgans, J.F.C. 1966. East African fishes of the *Epinephelus tuuvina* complex, with a description of a new species. *Ann. Mag. Nat. Hist.*, (13)8:257-277, pls VIII-IX.
- Morgans, J.F.C. 1982. Serranid fishes of Tanzania and Kenya. *Ichthyol. Bull. J.L.B. Smith Inst. Ichthyol.*, (46):1-44, 6 pls.
- Mori, T. 1952. *Check List of the Fishes of Korea*. Zoology Department, Hyogo University of Agriculture, Sasayama, Japan. 228 p.
- Morrow, J.E. 1954. Fishes from East Africa, with new records and descriptions of two new species. *Ann. Mag. Nat. Hist.*, (12)7:797-820, figs,
- Moussac, G. De. 1986. Mise en evidence de l'hermaphrodisme protogyne d'*Epinephelus chlorostigma* (Valenciennes, 1828) aux Seychelles (Pisces, Serranidae). *Cybium*, 10(3):249-262.
- Mowbray, L.S. 1950. The commercial and game fishing industries of Bermuda. *Proc. Gulf Caribb. Fish. Inst.*, 2nd annu. Sess., Nov. 1949, Univ. Miami, Mar. Lab.:27-30.
- Müller, J., and F.H. Troschel. 1848. The vertebrate animals. In: Schomburgk, R.H., *The history of Barbados....* Longman, Brown, Green and Longmans, London. 772 p., 7 pls.
- Munro, I.S.R. 1955. *The Marine and Fresh Water Fishes of Ceylon*. Department of External Affairs, Canberra. 351 p.
- Munro, I.S.R. 1956. *Handbook of Australian fishes*. Published monthly in "Fisheries Newsletter", 172 p., 1013 figs.
- Munro, I.S.R. 1967. *The Fishes of New Guinea*. Department of Agriculture, Stock and Fisheries, Port Moresby, New Guinea. 651 p.
- Munro, J.L. 1983. *Caribbean coral reef fishery resources*. International Center for Living Aquatic Resources Management, Manila, Philippines.
- Munro, J.L., V.C. Gaut, R. Thompson, and P.H. Reeson. 1973. The spawning seasons of Caribbean reef fishes. *J. Fish Biol.*, 5:69-84.
- Myers, R.F. 1988. An annotated checklist of the fishes of the Mariana Islands. *Micronesica*, 21(1&2):115-180.
- Myers, R. F. 1989. *Micronesian Reef Fishes. A Practical Guide to the Identification of the Coral Reef Fishes of the Tropical Central and Western Pacific*. Coral Graphics, Guam. 298 p.
- Nagelkerken, W.P. 1979. Biology of the graysby, *Epinephelus cruentatus*, of the coral reef of Curaçao. *Stud. Fauna Curaçao*, (60):1-118.
- Nagelkerken, W.P. 1982. Distribution of the groupers and snappers of the Netherlands Antilles. *Proc. 4th Int. Coral Reef Symp.*, 2:479-484.
- Nanba, Y., and I. Wada. 1983. On taking spawn from serranoid fish *Epinephelus akaara* reared in tank and the rearing of the larvae. *Bull. Fish. Exp. Stn. Okayama Prefect.* 1983, 1984:69-72.
- Nichols, J.T. 1913. Notes on teleosts collected by Mr. Roy C. Andrews in Japan, with descriptions of two new species. *Bull. Am. Mus. Nat. Hist.*, 32(7):179-183.
- Norman, J.R. 1957. *A Draft Synopsis of the Orders, Families and Genera of Recent Fishes and Fish-Like Vertebrates*. British Museum (Natural History), London (unpublished photo offset copy, private circulation). 649 p.
- Norman, J.R., and F.C. Fraser. 1937. *Giant Fishes, Whales and Dolphins*. Putnam, London. 375 p.
- Oda, D.K., and J.D. Parrish. 1982. Ecology of commercial snappers and groupers introduced to Hawaiian reefs. *Proc. 4th Int. Coral Reef Symp.*, No. 4, 1:59-67, illustr.
- Ogilby, J.D. 1889. Notes on some fishes new to the Australian fauna. *Proc. Zool. Soc. London*, 1889:151-158.
- Ogilby, J.D. 1908. Descriptions of New Queensland Fishes. *Proc. R. Soc. Queensland*, 21:87-97.
- Ogilby, J.D. 1912. On some Queensland fishes. *Mem. Queensland Mus.*, 1:26-66.

- Okamura, O., K. Amaoka, and F. Mitani (eds). 1982. *Fishes of the Kyushi-Palau Ridge and Tosa Bay*. Jpn. Fish. Resour. Conserv. Assoc., Tokyo. 435 p.
- Oken, L. 1817. Fische. *Isis*, 8(148):1181-1183.
- Okiyama, M. (ed.). 1988. *An Atlas of the Early Stage Fishes in Japan*. Tokai University Press, Tokyo. 1154 p.
- Olsen, D.A., and J.A. Laplace. 1979. A study of a Virgin Island grouper fishery based on a breeding aggregation. *Proc. Gulf Caribb. Fish. Inst.*, 31 :130-144.
- Osbeck, P. 1765. *Reise nach Ostindien und China*, etc. German translation by J.G. Georgius. J.C. Koppe, Rostock. 552 p., 13 pls.
- Osburn, R.C., and L.L. Mowbray. 1915. A new serranid fish from Florida, *Dermatolepis marmoratus*. Privately published. 4 p., 1 fig.
- Osório, B. 1893. Estudos ichthyológicos acerca da fauna dos domínios Portuguezes da Africa. 3 nota.-Peixes marítimos das ilhas de S. Thomé, do Príncipe e ilheo das Rolas. *Jorn. Sci. Math. Phys. Nat.*, ser. 2, 10:136-140.
- Osório, B. 1894. Estudos ichthyologicos acerca da fauna dos dominios Portuguezes da Africa. 3. nota.-Peixes marítimos das ilhas de S. Thomé, do Príncipe e ilheo das Rolas. *Jorn. Sci.Acad. Lisboa*, ser. 2, 3:173-182.
- Osório, B. 1895. Peixes da ilha d'Anno Born. *Jom. Sci. Acad. Lisboa*, ser. 2, 3(12):243-247.
- Osório, B. 1898. Da distribuição geographica dos paixes e crustáceos colhidos nas possessões Portuguezas d'Africa occidental e existentes no Museo Nacional de Lisboa. *Jom. Sci. Math. Phys. Nat.*, ser. 2, 5:185-202.
- Parra, Don Antonio. 1787. *Descripción de diferentes piezas de historia natural las mas del reino marítimo, representadas en setenta y cinco laminas*. Havana. 195 p., 75 pls.
- Parish, S. 1974. *Australia's Ocean of Life*. Wedneil Publications, Newport, Victoria, Australia. 128 p.
- Parrish, J.D. 1987. The trophic biology of snappers and groupers, p. 405-463. In: J.J. Polovina and S. Ralston (eds), *Tropical Snappers and Groupers: Biology and Fisheries Management*. Westview Press, Boulder, Colorado, U.S.A. 659 p.
- Paxton, J.R., D.F. Hoese, G.R. Allen, and J.E. Hanley. 1989. *Zoological Catalogue of Australia*. Vol. 7, Pisces (Petromyzontidae to Carangidae). Australian Government Publishing Service Press, Canberra. 665 p.
- Pellegrin, J. 1914. Mission Gruvel sur la côte occidentale d'Afrique (1905-12). Poissons. *Annls. Inst. Océanogr Monaco*, 6:1-99, 2 pls, 15 figs.
- Peters, W.C.H. 1855a. Übersicht der in Mossambique beobachteten Seefische. *Monatsber Dtsch. Akad. Wiss. Berlin*, 1855:428-466.
- Peters, W.C.H. 1855b. Übersicht der in Mossambique beobachteten Fische. *Arch. Naturgesch.*, 21 Jahrg. 1:234-267.
- Peters, W.C.H. 1865. Über einige neue Saugethiere, Amphibien und Fische. *Monatsber Dtsch. Akad. Wiss. Berlin*, (1864):381-399.
- Peters, W.C.H. 1866. Über einige Bloch'sche Arten der Fischgattung *Serranus*. *Monatsber Dtsch. Akad. Wiss. Berlin*, (1865):97-111.
- Peters, W.C.H. 1867. Mitteilung über Fische. *Monatsber Dtsch. Akad. Wiss. Berlin*, (1866):509-526.
- Peters, W.C.H. 1876. Übersicht der von Hrn. Prof. Dr. K. Möbius in Mauritius und bei den Seychellen gesammelten Fische. *Monatsber. Dtsch. Akad. Wiss. Berlin*, p. 435-449.
- Peters, W.C.H. 1877. Über die von Dr. Reinhold Bucholz in Westafrika gesammelten Fische. *Monatsber. Dtsch. Akad. Wiss. Berlin*, 1876[1877]:244-252, 1 pl.
- Pilosof, D., and L. Fishelson. 1981. *Mysteries of the Red Sea*. Massada Ltd., Tel-Aviv. 145 p. (in Hebrew).
- Playfair, R.L. 1867. The fishes of Seychelles. *Proc. Zool. Soc. London*, (1867):846-872.
- Playfair, R.L., and A. Günther. 1867. *The Fishes of Zanzibar*. John van Voorst. London. 153 p.
- Poey, F. 1851-1854. *Memorias sobre la historia natural de la Isla de Cuba*. . vol. 1. Havana. 463 p., 34 pls.

- Poey, F. 1858-1861. *Memorias sobre la historia natural de la Isla de Cuba...* vol. 2. Havana. 442 p., 19 pls.
- Poey, F. 1865-1866. *Repertorio fisico-natural de la Isla de Cuba*. Barcina y Comp. Havana. 420 p., 4 pls.
- Poey, F. 1866-1868. *Repertorio fisico-natural de la Isla de Cuba*. Barcina y Comp. Havana. 484 p.
- Poey, F. 1868. Synopsis piscium cubensium. Catalogo Razonade de los peces de la isla de Cuba. *Repertor. Fisico-natural de la Isla de Cuba*, 2:279-484.
- Poey, F. 1874. Genres des poissons de la faune de Cuba, appartenant à la famille Percidae, avec une note d'introduction par J. Carson Brevoort. *Ann. Lyc. Nat. Hist. New York*, 10:27-79.
- Poll, M. 1949. Résultats scientifiques des croisières du Navire-école Belge "Mercator" IV. Poissons des Xle, XIVe et XVIIe croisières. *Mém. Inst. R. Sci. Nat. Belg.*, (2)33:173-269, 27 figs.
- Poll, M. 1954. Poissons IV. Téléostéens Acanthoptérygiens (Première Par-tie). Rés. Sci. Expéd. Oceanogr. Belg. Eaux Côt. Afr. Atlan. Sud. (1948-49). *Mém. Inst. R. Sci. Nat. Belg.*, 4(3A):1-390.
- Polovina, J.J. 1987. Assessment and management of deepwater bottom fishes in Hawaii and the Marianas, p. 505-532. In: J.J. Polovina and S. Ralston (eds), *Tropical Snappers and Groupers: Biology and Fisheries Management*. Westview Press, Boulder, Colorado, U.S.A. 659 p.
- Popta, C.M.L. 1918. Zweite Fortsetzung der Beschreibung von neuen Fischarten der Sunda-Expedition. Private printing, Leiden. 8 p.
- Postel, E. 1965. *Epinephelus cylindricus*, Serranidé nouveau des environs de Nouméa (Nouvelle Calédonie). *Bull. Mus. Natl. Hist. Nat. Paris*, (2)37:124-127, 1 fig.
- Postel, E. 1967. Deux serranides souvent confondus dans la littérature: *Epinephelus fuscoguttatus* et *Epinephelus dispar*. *Cah. Pac.*, 10:51.
- Postel, E., P. Fourmanoir, and P. Guézé. 1963. Serranides de La Réunion. *Mém. Inst. Foundam. Afr. Noire*, 68:339-384.
- Powell, A.R., and J.W. Tucker, Jr. 1992. Egg and larval development of laboratory-reared nassau grouper, *Epinephelus striatus* (Pisces, Serranidae). *Bull. Mar. Sci.*, 50(1):171-185.
- Presley, R.F. 1970. Larval snowy grouper, *Epinephelus niveatus* (Valenciennes, 1828), from the Florida Straits. *Florida Dept. Nat. Resources, Leaflet Ser.*, IV(18):1-6.
- Quoy, J.R.C., and P. Gaimard. 1824-1826. Poissons, p. 192-401. In: *Voyage autour du monde...Exécuté sur les corvettes de S.M. "l'Uranie" et "la Physicienne" pendant les Années 1817-20*. Pillet Aîné, Paris.
- Quoy, J.R.C., and P. Gaimard. 1834. Poissons, p. 647-720. In: *Voyage de Découvertes de "L'Astrolabe", Exécute' par Ordre du Roi, pendant les Années 1826-29, sous le Commandement de M.J. Dumont d'Urville*. Paris.
- Qureshi, M.R. 1955. *Marine Fishes of Karachi and the Coasts of Sind and Makran*. Government of Pakistan Press, Karachi. 80 p.
- Ramsey, E.P. 1880. Description of a new species of *Oligorus* from Queensland. *Proc. Linn. Soc. N.S. W.*, 5:93-95.
- Randall, J.E. 1955. Fishes of the Gilbert Islands. *Atoll Res. Bull.*, 47:1-243.
- Randall, J.E. 1964. Notes on the groupers of Tahiti, with description of a new serranid fish genus. *Pac. Sci.*, 18(3):281-296.
- Randall, J.E. 1967. Food habits of reef fishes of the West Indies. *Stud. Trop. Oceanogr.* (Miami). 5:665-847.
- Randall, J.E. 1968. *Caribbean reef fishes*. T.F.H. Publications Inc., Jersey City, New Jersey. 318 p., 324 figs.
- Randall, J.E. 1973. Expedition to Pitcairn. *Oceans*, 6(2):12-21.
- Randall, J.E. 1980a. A survey of ciguatera at Enewetak and Bikini, Marshall Islands, with notes on the systematics and food habits of ciguatoxic fishes. *U.S. Fish. Bull.*, 78(2):201-249.
- Randall, J.E. 1980b. Ichthyologists visit Lord Howe Island. *Freshwat. Mar. Aquar.*, 3(8):7-11, 89-92.
- Randall, J.E. 1983. *Red Sea reef fishes*. IMMEL Publications, London. 192 p.
- Randall, J.E. 1986. 106 New records of fishes from the Marshall Islands. *Bull. Mar. Sci.*, 38(1):170-252.

- Randall, J.E. 1987a. A preliminary synopsis of the groupers (Perciformes: Serranidae: Epinephelinae) of the Indo-Pacific region, p. 89-188. In: Polovina, J.J., and S. Ralston (eds), *Tropical Snappers and Groupers, Biology and Fisheries Management*. Westview Press, Boulder, Colorado, U.S.A. 659 p.
- Randall, J.E. 1987b. Introductions of marine fishes to the Hawaiian Islands. *Bull. Mar. Sci.*, 41(2):490-502.
- Randall, J.E., and G.R. Allen. 1987. Four new serranid fishes of the genus *Epinephelus* (Perciformes: Epinephelinae) from Western Australia. *Rec. West. Aust. Mus.*, 13(3):387-411.
- Randall, J.E., G.R. Allen, and W.F. Smith-Vaniz. 1978. *Illustrated Identification Guide to Commercial Fishes*. Reg. Fish. Surv. & Dev. Proj., FAO/FI:DP/RAB/71/278/3:221 p.
- Randall, J.E., G.R. Allen, and R.C. Steene. 1990. *Fishes of the Great Barrier Reef and Coral Sea*. Crawford House Press, Bathurst, Australia. 507 p.
- Randall, J.E., M.L. Bauchot, A. Ben-Tuvia, and P.C. Heemstra. 1985a. *Cephalopholis argus* Schneider, 1801 and *Cephalopholis sexmaculata* (Rüppell, 1830) (Osteichthyes, Serranidae): proposed conservation by suppression of *Bodianus guttatus* Bloch, 1790, *Anthias argus* Bloch, 1792 and *Serranus zanana* Valenciennes, 1828. Z.N. (S.) 2470. *Bull. Zool. Nomencl.*, 42(4):374-378.
- Randall, J.E., M.L. Bauchot, and M. Desoutter. 1985b. The status of the Indo Pacific serranid fish *Variola punctatulus* (Lacepède). *Bull. Mus. Natl. Hist. Nat. Paris*, 7(2):475-478.
- Randall, J.E., and A. Ben-Tuvia. 1983. A review of the groupers (Pisces: Serranidae: Epinephelinae) of the Red Sea, with description of a new species of *Cephalopholis*. *Bull. Mar. Sci.*, 33(2):373-426.
- Randall, J.E., and V.E. Brock. 1960. Observations on the ecology of epinepheline and lutjanid fishes of the Society Islands, with emphasis on food habits. *Trans. Am Fish. Soc.*, 89:9-16.
- Randall, J.E., and P.C. Heemstra. 1986. *Epinephelus truncatus* Katayama, a junior synonym of the Indo-Pacific serranid fish *Epinephelus retouti* Bleeker. *Jap. J. Ichthyol.*, 33:51-56.
- Randall, J.E., and P.C. Heemstra. 1991. Revision of Indo-Pacific Groupers (Perciformes: Serranidae: Epinephelinae), with descriptions of five new species. *Indo-Pacific Fishes*, 20:1-296, 41 pls.
- Randall, J.E., and D.F. Hoese. 1986. Revision of the groupers of the Indo-Pacific genus *Plectropomus* (Perciformes:Serranidae). *Indo-Pacific Fishes*, 13:1-31.
- Randall, J.E., D.F. Hoese, and P. Last. 1993. On the status of the Australian serranid fish *Epinephelus ergastularius* Whitley and *E. thompsoni* Whitley. *Rec. Aust. Mus.*, 45(1):25-31, figs 1-7.
- Randall, J.E., G.D Johnson, and G.R. Lowe. 1989. *Triso*, a new generic name for the serranid fish previously known as *Trisotropis dermopterus*, with comments on its relationships. *Jap. J. Ichthyol.*, 35(4):414-420.
- Randall, J.E., and R.K. Kanayama. 1972. Hawaiian fish immigrants. *Sea Frontiers*, 18(3):144-153.
- Randall, J.E., and W. Klausewitz. 1986. Tiefenwasser-und Tiefseefische aus dem Roten Meer. XIV. New records of the serranid fish *Epinephelus radiatus* (Day) from the Red Sea and Gulf of Oman. *Senckenberg. Marit.*, 18(3/6):229-237.
- Randall, J.E., and R.H. Kuiter. 1989. The juvenile Indo-Pacific grouper *Anyperodon leucogrammicus*, a mimic of the wrasse *Halichoeres purpurascens* and allied species, with a review of the recent literature on mimicry of fishes. *Revue Fr. Aquariol.*, 16(2):51-56.
- Randall, J.E., P.S. Lobel, and E.H. Chave. 1985. Annotated checklist of the fishes of Johnston Island. *Pac. Sci.*, 39(1):24-80.
- Randall, J.E., and H.A. Randall. 1960. Examples of mimicry and protective resemblance in tropical marine fishes: *Bull. Mar. Sci. Gulf Carib.*, 10(4):444-480.
- Randall, J.E., and P.J.P. Whitehead. 1985. *Epinephelus cyanopodus* (Richardson), a senior synonym of *E. hoedtii* (Bleeker), and comparison with the related *E. flavocaeruleus* (Lacepède). *Cybiu*, 9(1):29-39.
- Ranzani, C. 1840. De novis speciebus piscium; dissertationes quatuor. *Nov. Comment. Acad. Sci. Inst. Bonon.*, 4:65-83, pl. 8-13.
- Ranzani, C. 1842. *Novis Speciebus Piscium*. Dissertatio IV. Bononiae. 29 p., 10 pls.
- Reck, G.K. 1986. Relaciones biogeográficas y distribución de algunas especies marinas de interés comercial en las Islas Galápagos. *Actas del Coloquio Ecuador, Cultura*, 8(24):241-255.

- Reddy, N.A.V.P. 1984. A new record of *Epinephelus guaza* (Linnaeus, 1758) (Serranidae: Pisces) from Indian waters. *J. Bombay Nat. Hist. Soc.*, (1983), 80(3):650-651.
- Regan, C.T. 1908. A collection of fishes from the coasts of Natal, Zululand and Cape Colony. *Ann. Natal Govt. Mus.*, 1(3):241-255.
- Rehder, H.A., and J.E. Randall. 1975. Ducie Atoll: its history, physiography and biota. *Atoll. Res. Bull.*, 183:1-40.
- Richardson, J. 1842. Contributions to the ichthyology of Australia. *Ann. Mag. Nat. Hist.*, 9(55):15-31.
- Richardson, J. 1846. Report of the ichthyology of the seas of China and Japan. *Rept. Brit. Assoc. Adv. Sci.*, (1845):187-320. (Reprint edition 1972 Antiquariaat Junk, Lochem, Netherlands).
- Richardson, J. 1849. Description of Australian fish. *Trans. Zool. Soc. London*, 3:69-131, pls.
- Ringuelet, R.A., and R.H. Aramburu. 1960. Peces marinos de la Republica Argentina. *Agro Publicacion Tecnica*, 2(5):1-141.
- Rivas, L.R. 1964. Western Atlantic Serranid Fishes (Groupers) of the genus *Epinephelus*. *Q. J. Florida Acad. Sci.*, 27(1):17-30.
- Roberts, D.E., and R.A. Schlieder. 1983. Induced sex inversion, maturation, spawning and embryogeny of the protogynous grouper, *Mycteroperca microlepis*. *J. World Maricult. Soc.*, 14:639-649.
- Robins, C.R. 1967. The juvenile of the serranid fish *Epinephelus mystacinus* and its status in Florida waters. *Copeia*, 4:838-839. Q. J. Florida
- Robins, C.R., and G.C. Ray. 1986. *A Field Guide to Atlantic Coast Fishes of North America*. Houghton Mifflin Co., Boston. 354 p.
- Rodriguez, R.V. 1976. Nuevos Registros para la Ictiofauna Cubana. III. Poeyana, 150:1-7.
- Rofen, R.R. 1963. Handbook of the Food Fishes of the Gulf of Thailand. *Aquatic Res. Inst., Spec. Rept.*, 1:1-236.
- Rosenblatt, R.H., and B.J. Zahuranec. 1967. The Eastern Pacific groupers of the genus *Mycteroperca*, including a new species. *Calif. Fish Game*, 53(4):228-245.
- Ross, S.W. 1988. Xanthic coloration as the normal colour pattern of juvenile speckled hind, *Epinephelus drummondhayi* (Pisces:Serranidae). *Copeia*, 3:780-784.
- Roughley, T.C. 1951. *Fishes and Fisheries of Australia*. Angus and Robertson, Sydney. 343 p.
- Roux, C.R., and J. Collignon. 1954. Description d'une nouvelle espèce de poisson, de la famille des Serranidae, observée sur les côtes de l'Afrique Equatoriale Francaise: *Promicrops ditobo*. *Bull. Mus. Natl. Hist. Nat. Paris*, 26:473-475.
- Roux, C.R., and J. Collignon. 1957. Poissons marins, 2e partie, Clef pour la détermination des principaux poissons marins frequentant les côtes de l'A.E.F. In: J. Collignon, M. Rossignol et C. Roux (eds), *Mollusques, Crustacés, Poissons marins des côtes d' A.E.F en collection au Centre d' Océanographie de l'Institut d'Etudes Centrafricaines de Pointe-Noire, Paris*, ORSTROM:255-369, 124 fig.
- Rüppell, E. 1828-1830. *Atlas zu der Reise im nördlichen Afrika*. Zoologie. Fische des Rothen Meeres. Heinr. Ludw. Brönnner, Frankfurt am Main. 141 p.
- Rüppell, E. 1835-1838. *Neue Wirbelthiere zu der Fauna von Abyssinien gehörig*. Fische des Rothen Meeres. Siegmund Schmerber, Frankfurt. 148 p.
- Russell, B.C. 1983. *Annotated checklist of the coral reef fishes in the Capricorn-Bunker Group Great Barrier Reef Australia*. Great Barrier Reef Marine Park Authority, Special Publication Series, 1:1-184.
- Russell, B.C., G.R. Allen, and H.R. Lubbock. 1976. New cases of mimicry in marine fishes. *J. Zool. London*, 180:407-423.
- Russell, P. 1803. *Descriptions and Figures of Two Hundred Fishes: Collected at Vizagapatam on the Coast of Coromandel*, Vol. 1. W. Bulmer and Co. Shakespeare Press, Cleveland-Row. -78 p.
- Sainsbury, K.J., P.J. Kailola, and G.G. Leyland. 1985. *Continental Shelf Fishes of Northern and North-Western Australia*. An Illustrated Guide. Clouston & Hall and Peter Pownall Fisheries Information Service, Canberra, Australia. 375 p.

- Saldanha, L. 1979. Fauna Submarina Atlântica. Publicações Europa-America. 222 p., 57 pls.
- Sano, M., M. Shimizu, and Y. Nose. 1984. Food habits of Teleostean reef fishes in Okinawa Island, southern Japan. *Univ. Tokyo Univ. Mus. Bull.*, 25:128 p.
- Sassi, A. 1846. Pesci. *Descriz. Genova e Genovesato* 1. Genova. p. 111-147.
- Sauvage, H.E. 1875. Poissons. In: Alfred Grandidier, *Histoire physique, naturelle et politique de Madagascar, 1887-91*. Vol. XVI, Paris 1875-99. 543 p., 61 pls.
- Saville-Kent, W. 1893. *The Great Barrier Reef of Australia: Its Products and Potentialities*. W.H. Allen, London. 388 p.
- Schmid, H., and P. Vine. 1985. *Saudi Arabian Red Sea*. Erasmusdruck GmbH, Mainz. 112 p.
- Schneider, W. 1990. *FAO species identification sheets for fishery purposes. Field guide to the commercial marine resources of the Gulf of Guinea*. Food and Agriculture Organization of the United Nations, Rome. 268 p.
- Schomburgk, R.P. 1841-43. The Natural History of the Fishes of [British] Guiana Vols. 32 & 38 in *Jardine's Naturalists' Library*. Edinburgh.
- Schomburgk, R.P. 1848. *The history of Barbados* . . . Longman, Brown, Green and Longmans, London, 772 p. 7 pls.
- Schroeder, R.E. 1980. *Philippine Shore Fishes of the Western Sulu Sea* Bureau of Fisheries and Aquatic Resources and National Media Production Center, Manila. 266 p.
- Schroeder, W.C. 1924. Fishes of the Key West and the Clam Industry of Southern Florida. *Rept. U.S. Comm. Fish.*, 1923:1-74, figs 1-29.
- Schultz, L.P. 1943. Fishes of the Phoenix and Samoan Islands collected in 1939 during the expedition of the U.S.S. "Bushnell". *Bull. U.S. Natl. Mus.*, 180:1-316.
- Schultz, L.P. 1953. Family Serranidae: groupers, sea basses, p. 328-388. In: L.P. Schultz (ed.), *Fishes of the Marshall and Marianas Islands*, *Bull. U.S. Nat. Mus.*, 202(1):328-388.
- Schultz, L.P. 1966. Addenda, p. 147-165. In: *Fishes of the Marshall and Marianas Islands*. *Bull. U.S. Nat. Mus.*, 202, 3:1-176.
- Schultz, L.P., and E.D. Reid. 1942. Descriptive notes on the serranid fish, *Garrupa nigrita* (Holbrook). *Copeia*, 1:29-30.
- Schwartz, F.J. 1978. Xanthochromism in *Epinephelus drummondhayi* (Pisces: Serranidae) caught off North Carolina. *Northeast Gulf Sci.*, 2(1):62-64.
- Scott, J.S. 1959. *An Introduction to the Sea Fishes of Malaya*. Ministry of Agriculture, Federation of Malaya, Kuala Lumpur. 180 p.
- Seale, A. 1901. New Hawaiian fishes. *Occ. Pap. Bernice P. Bishop Mus. Polynesian Ethnol. & Nat. Hist.*, 1(4):3-15.
- Seale, A. 1906. Fishes of the South Pacific. *Occ. Pap. Bernice P. Bishop Mus. Polynesian Ethnol. & Nat. Hist.*, 4(1):3-89.
- Seale, A. 1909. New species of Philippine fishes. *Philipp. J. Sci.*, 4:491-541.
- Seale, A. 1910. Fishes of Borneo, with descriptions of four new species. *Philipp. J. Sci.*, 5(4):263-289.
- Seale, A. 1940. Report of fishes from Allan Hancock Expeditions in the California Academy of Sciences. *Allan Hancock Pacific Expeds.*, Univ. Southern California Press, 9(1):46 p., 5 pls.
- Seale, A., and B.B. Bean. 1907. On a collection of fishes from the Philippine Islands, made by Maj. Edgar A. Mearns, surgeon, U.S. army, with descriptions of seven new species. *Proc. U.S. Natl. Mus.*, 33:229-248.
- Seba, A. 1734-1765. *Locupletissimi rerum naturalium thesauri accurata descriptio, et iconibus artificiosissimis expressio, per universam physices historiam* . . . J. Wetstenium and Co., Amsterdam. 4 vols., 450 pls.

- Seki, M.P. 1984. The food and feeding habits of the grouper, *Epinephelus quernus* Seale, 1901, in the northwestern Hawaiian Islands. p. 179-191. In: R.W. Grigg and K.Y. Tanoue (eds), *Proceedings of the Second symposium on Resource Investigations in the Northwestern Hawaiian Islands*. Vol. 2, May 25-27 1983, Univ. Hawaii, Honolulu, UNIH-SEAGRANT-MR-84-01.
- Séret B. 1981. *Poissons de Mer de l'ouest Africain Tropical*. ORSTOM, Paris. 416 p.
- Shaari, M. 1971. *A Guide to Trawl Species in Penang Waters*. Ministry of Agriculture and Lands, Kuala Lumpur, Malaysia. 150 p.
- Shao, K.T., L.W. Chen, and S.C. Lee. 1987. Eight new records of groupers (Percoidae:Serranidae) from Taiwan. *Bull. Inst. Zool. Acad. Sin.*, 26(1):69-75.
- Shapiro, D.Y. 1987. Reproduction in groupers, p. 295-327. In: J.J. Polovina, and S. Ralston (eds). *Tropical Snappers and Groupers: Biology and Fisheries Management*. Westview Press, Inc., Boulder, Colorado. 659 p.
- Shaw, G., and F.P. Nodder. 1790-1813. *The Naturalist's Miscellany, or Colored Figures of Natural Objects; Drawn and Described...from Nature*. 24 vols. London.
- Shen, S.-C. 1984. *Coastal fishes of Taiwan*. Private printing, Taipei, 1-190 p..
- Shepard, J.W., and R.F. Myers. 1981. A preliminary checklist of the fishes of Guam and the southern Mariana Islands. *Univ. Guam Mar Lab., Tech. Rept.*, 70:61-88.
- Shiham, M., C. Anderson, and A. Hafiz. 1988. *Catalogue of Fishes of the Maldives*. Vol. 3:333-490. Marine Research Section, Ministry of Fisheries, Male, Republic of Maldives.
- Shiham, M., C. Anderson, A.V. Hafiz, and H. Zahir. 1987. *Catalogue of Fishes of the Maldives*. Vol. 2:165-327. Marine Research Section, Ministry of Fisheries, Male, Republic of Maldives.
- Shirai, S. 1986. *Ecological Encyclopedia of the Marine Animals of the Indo-Pacific*. Vol. 1, Vertebrata. Shin Nippon Kyoiku Tosho Co., Ltd., Tokyo. 352 p.
- Shpigel, M., and L. Fishelson. 1989a. Food habits and prey selection of three species of groupers from the genus *Cephalopholis* (Serranidae: Teleostei). *Environ. Biol. Fish.*, 24(1):67-73.
- Shpigel, M., and L. Fishelson. 1989b. Habitat partitioning between species of the genus *Cephalopholis* (Pisces, Serranidae) across the fringing reef of the Gulf of Aqaba (Red Sea). *Mar. Ecol. (Prog. Ser.)*, 58:17-22.
- Shpigel, M., and L. Fishelson. 1991. Territoriality and associated behaviour in three species of the genus *Cephalopholis* (Pisces: Serranidae) in the Gulf of Aqaba, Red Sea. *J. Fish Biol.*, 38:887-896.
- Sivasubramaniam, K., and A. Ibrahim. 1982. *Common Fishes of Qatar*. Scientific Atlas of Qatar, 1. Doha, Qatar. 176 p.
- Smale, M.J. 1986. The feeding biology of four predatory reef fishes off the south-eastern Cape coast, South Africa. *S. Afr. J. Zool.*, 21(2):111-130.
- Smith, C.L. 1958. The groupers of Bermuda. In: Bardach, J.L., C.L. Smith, and D.W. Menzel, *Bermuda. Fish. Res. Prog. Final Rpt.*, Bermuda Trade Development board, Hamilton, Bermuda. 59 p.
- Smith, C.L. 1959. Hermaphroditism in some serranid fishes from Bermuda. *Pap. Mich. Acad. Sci. Arts Letters*, 44:111-118.
- Smith, C.L. 1961. Synopsis of biological data on groupers (*Epinephelus* and allied genera) of the western North Atlantic. Food and Agriculture Organization of the United Nations, Rome, *Fish. biol. Synopsis*, 23:1-61.
- Smith, C.L. 1964. Hermaphroditism in Bahama groupers. *Nat. Hist.*, 73:42-47.
- Smith, C.L. 1965. The patterns of sexuality and the patterns of classification of serranid fishes. *Am. Mus. Novit.*, (2207):1-20.
- Smith, C.L. 1966. *Menephorus* Poey, a serranid genus based on two hybrids of *Cephalopholis fulva* and *Paranthias furcifer*, with comments on the systematic placement of *Paranthias*. *Am. Mus. Novit.*, (2276):1-11.
- Smith, C.L. 1967. Contribution to a theory of hermaphroditism. *J. Theor. Biol.*, 17:76-90.

- Smith, C.L. 1971. A revision of the American groupers: *Epinephelus* and allied genera. *Bull. Am Mus. Nat. Hist.*, 146:1-241.
- Smith, C.L. 1972. A spawning aggregation of Nassau grouper, *Epinephelus striatus* (Bloch). *Trans. Am. Fish. Soc.*, 2:257-261.
- Smith, C.L. 1978. Serranidae. In: W. Fischer (ed.), *FAO species identification. sheets for fishery purposes. Western Central Atlantic (fishing area 31)*. Food and Agriculture Organization of the United Nations, Rome. Vol. 1-7, pag. var.
- Smith, C.L. 1981. Family Serranidae. In: W. Fischer, G. Bianchi & W.B. Scott (eds), *FAO Species Identification Sheets for Fishery Purposes, Eastern Central Atlantic; fishing area 34, 47 (in part)*. Food and Agriculture Organization of the United Nations, Rome. Vol. 1-7, pag.var.
- Smith, G.B. 1976. Ecology and distribution of eastern Gulf of Mexico reef fishes. *Florida Mar.Res. Publ.* 19, 78 p.
- Smith, J.L.B. 1949. *The Sea Fishes of Southern Africa*. Central News Agency, Cape Town, South Africa. 550 p., 105 pls.
- Smith, J.L.B. 1954. Four rare serraniform fishes from East Africa. *Ann. Mag. Nat. Hist.*, (12)7:925-933, pl. 33.
- Smith, J.L.B. 1955. The fishes of Aldabra. Part I. *Ann. Mag. Nat. Hist.*, ser. 12, 8:304-312.
- Smith, J.L.B. 1958. New and rare fishes from South Africa. *S. Afr. J. Sci.*, 54(5):123-130.
- Smith, J.L.B. 1961. *The Sea Fishes of Southern Africa*. Fourth Edition. Central News Agency Ltd., Cape Town. 580 p., 111 pls.
- Smith, J.L.B. 1964. A new serranid fish from deep water off Cook Island, Pacific, *Ann. Mag. Nat. Hist.*, ser. 13, 6:719-720, pl. 21.
- Smith, J.L.B., and M.M. Smith. 1963. *The Fishes of the Seychelles*. Dep. Ichthyol., Rhodes Univ., Grahamstown, South Africa. 215 p.
- Smith, J.L.B., and M.M. Smith. 1966. *Fishes of the Tsitsikama Coastal National Park*. National Parks Board of Trustees of the Republic of South Africa, Johannesburg. 161 p.
- Smith-Vaniz, W.F., G.D. Johnson, and J.E. Randall. 1988. Redescription of *Gracila albomarginata* (Fowler and Bean) and *Cephalopholis polleni* (Bleeker) with comments on the generic limits of selected Indo-Pacific groupers (Pisces: Serranidae: Epinephelinae). *Proc. Acad. Nat. Sci. Philad.*, 140(2):1-23.
- Snodgrass, R.E., and E. Heller. 1905. Shore fishes of the Revillagigedo, Clipperton, Cocos and Galapagos Islands. *Proc. Washington Acad. Sci.*, 6(1904):333-427.
- Sparta, A. 1935. Contributa alla Conoscenza dello suiluppo nei percidi nova ovariche mature de *Epinephelus guaza* L. e stadi post-embrional e larvali di *Epinephelus alexandrinus*. Cuv. & Val. *Rend. Comitato Talasogr. Ital. Venice Mem.*, 224:1-13.
- Steindachner, F. 1864. *Serranus (Cerna) oncus* Bloch, Günther (?), an *Serranus angustifrons*, n. sp. Ichthyologische Mittheilungen, VII. *Verh. K.K. Zool.-Bot. Ges. Wien*, 14:230-231, pl. 7.
- Steindachner, F. 1867. Ichthyologische Notizen. IV. *Sitzungsber. Oesterr. Akad. Wiss. Wien*, 55:517-534, 6 pls.
- Steindachner, F. 1870. Zur Fischfauna des Senegal. *Sitzungsber. Oesterr. Akad. Wiss. Wien*, 61(1):533-583, 8 pls.
- Steindachner, F. 1876. Zur Fischfauna von Panama, *Ichthyologische Beiträge IV. Sitzungsber Oesterr. Akad. Wiss. Wien*, 72:551-616, pls 1-6.
- Steindachner, F. 1877. Ichthyologische Beiträge. V. *Sitzungsber. Oesterr. Akad. Wiss. Wien*, 74(1):49-240, 15 pls.
- Steindachner, F. 1878. Ichthyologische Beiträge. VI. *Sitzungsber. Oesterr. Akad. Wiss. Wien*, 77(1):379-392, 2 pl.
- Steindachner, F. 1879. Ichthyologische Beiträge. VIII. *Sitzungsber. Oesterr. Akad. Wiss. Wien*, 80(1):119-191, 3 pls.

- Steindachner, F. 1882. Beitrage zur Kenntniss der Fische Afrika's. I. Beitrage zur Kenntniss der Meeresfische Senegambiens. *Denkschr. Oesterr Akad. Wiss. Wien*, 41 :19-51.
- Steindachner, F. 1883. Ichthyologische Beiträge. XII. *Sitzungsber. Oesterr Akad. Wiss.. Wien*, 1882[1883], 86(1):61-82, 5 pl.
- Steindachner, F. 1891. Ichthyologische Beitrage. XV. *Sitzungsber. Oesterr Akad. Wiss. Wien*, 100:343-374, 3 pls.
- Steindachner, F. 1892. Über einige neue und seltene Fischarten aus der ichthyologischen Sammlung des K.K. Naturhistorischen Hofmuseums. *Denkschr. Akad. Wiss. Wien*, 59(1):357-384, 6 pls.
- Steindachner, F. 1893. Ichthyologische Beiträge. XVI. *Sitzungsber Oesterr. Akad. Wiss.. Wien*, 102(1):215-243.
- Steindachner, F., and L. Döderlein. 1883. Beiträge zur Kenntniss der Fische Japan's. Part I. *Denkschr Akad. Wiss. Wien*, 47(1):211-242.
- Storer, D.H. 1846. A synopsis of the Fishes of North America. *Mem. Am. Acad. Arts Sci.*, 2:253-550.
- Strand, S. 1988. Following behavior: interspecific foraging associations among Gulf of California reef fishes. *Copeia*, 1988(2):351-357.
- Streets, T.H. 1877. Contributions to the natural history of the Hawaiian and Fanning Islands and Lower California, made in connection with the United States North Pacific Surveying Expeditions, 1873-1875. I. The fishes of upper and lower California. *Bull. U.S. Natl. Mus.*, 7:43-56.
- Su, J.X. 1985. Centropomide, Serranidae (*Anthias*, *Variola*, *Cephalopholis*, *Epinephelus*, *Trisotropsis*, *Diploprion*) p. 4-34. In: Y.T. Chu (ed.), *The Fishes of Fujian Province (Part II)*. Fujian Science and Technology Press, Fujian, China.
- Swainson, W. 1839. *On the natural history and classification of fishes, amphibians and reptiles or monocardian animals*. Vol. 2. London, Longman, Orme, Brown, Green and Longmans, and John Taylor. 452 p., 135 figs.
- Talbot, F.H. 1959. On *Plectropomus maculatus* (Bloch) and *P. marmoratus* (n.sp.) from East Africa (Pisces, Serranidae). *Ann. Mag. Nat. Hist., Ser.*, 13, 1:748-752.
- Talwar, P.K., and R.K. Kacker. 1984. *Commercial Sea Fishes of India*. Zoological Survey of India, Calcutta. 997 p.
- Tan, S.M., and K.S. Tan. 1974. Biology of tropical grouper, *Epinephelus tauvina* (Forsskål). I. A preliminary study on hermaphroditism in *E. tauvina*. *Singapore J. Primary Ind.*, 2:123-133.
- Tan, S.M., L.P. Yong, T. Senta, and H.K. Kuang. 1982. *A Colour Guide to the Fishes of the South China Sea and the Andaman Sea*. Marine Fisheries Research Department, SEAFDEC Singapore. 45 p.
- Tanaka, S. 1911. *Figures and Descriptions of the Fishes of Japan, including Riukiu Islands, Bonin Islands, Formosa, Kurile Islands, Korea and southern Sakhalin*. Tokyo. 71 p. (in Japanese and English).
- Tanaka, S. 1915. Nihon-san Gyo-rui no jyu shinshu. (Ten new species of Japanese fishes). *Dobuts. Zool. Tokyo*, 27:565-568.
- Tanaka, S. 1916. *Figures and Descriptions of the Fishes of Japan*. Pt. 23, p. 399-418. Kazama Shobo, Japan.
- Tanaka, S. 1927. *Figures and Descriptions of the Fishes of Japan*. Pt. 37, p. 693-708. Kazama Shobo, Japan.
- Tanaka, S. 1929-1930. *Figures and Descriptions of the Fishes of Japan*. Pts 46-47, p. 903-944. Kazama Shobo, Japan.
- Tang, H.C., J.Y. Twu, and W.C. Su. 1979. Experiment on artificial propagation of the high-finned grouper, *Cromileptes altivelis*. *China Fish. Mon.*, 324:25-31.
- Temminck, C.J., and H. Schlegel. 1842-1850. Pisces, in P.F. von Siebold's *Fauna Japonica*. Lugduni Batavorum, Batavia. 323 p.
- Thiolliere, V.J. 1856. Ichthyologie in P. Montrouzier, Essai sur la faune de l'île de Woodlark ou Moïou. *Ann. Sci. phys. nat. Agric. Industr Soc. imp. Agric. Lyon*, ser. 2, 8:417-504.

- Thiollière, V.J. 1857. Essai faune de l'île de Woodlark ou Moïou, par le P. Montrouzier; *Ichthyologie*: 139-222. Lyon.
- Thompson, R., and J.L. Munro. 1978. Aspects of the biology and ecology of Caribbean reef fishes: Serranidae (hinds and groupers). *J. Fish Biol.*, 12:115-146.
- Thompson, R., and J.L. MUNRO. 1983. *The Biology, Ecology, Exploitation and Management of Caribbean Reef Fishes: Scientific Report of the ODA/UWI Fisheries Ecology Research Project 1969-1973. U niversity of the West Indies, Jamaica, second edition, chapter 7.*
- Thomson, D.A., L.T. Findley, and A.N. Kerstitch. 1979. *Reef Fishes of the Sea Of Cortez*. John Wiley and Sons, New York. 302 p.
- Thresher, R.E. 1978. Polymorphism, mimicry, and the evolution of the hamlets (*Hypoplectrus*, Serranidae). *Bull. Mar Sci.*, 28(2):345-353.
- Thresher, R.E. 1984. *Reproduction in Reef Fishes*. T.F.H. Publication, Inc. Ltd., Neptune City, N J 07753. 399 p.
- Thresher, R.E., and P.L. Colin. 1986. Trophic structure, diversity and abundance of fishes of the deep reef (30-300 m) at Enewetak, Marshall Islands. *Bull. Mar Sci.*, 38(1):253-272.
- Thunberg, C.P. 1793a. Beskrifning på 2: ne nya Fiskar af Abborrsläktet inifrån Japan. *Kongl. Vetenskaps. Acad. Handl.*, 14:55-56.
- Thunberg, C.P. 1793b. Sidsta Försättningen af Beskrifningen på nya Fiskarter utaf Abbor-släktet ifrån Japan. *Kongl. Vetenskaps. Acad. Handl.*, 14:296-298.
- Tomiyama, I., T. Abe, and T. Tokioka. 1958. *Encyclopaedia Zoologica Illustrated in Colours*. Hokuryu-kan Publishing Co., Ltd., Tokyo. 392 p.
- Torchio, M. 1963. Sulla mutabilità della colorazione in *Epinephelus alexandrinus* (Cuv. Val.) 1828 (*Osteichthyes* Serranidae). *Estratto dalla Rivista di Scienze Naturali, Natura* Vol. LIV, 6 p.
- Tortonese, E. 1956. Sull'identità della *Cerna sicana* Doderlein. *Boll. Zool.*, 28(1):51-55.
- Tortonese, E. 1970. A note on the Generic name *Cerna* Bp. (Pisces, Serranidae). *Atti Soc. Ital. Sci. Nat. Mus. Civ. Stor. Nat.*, 11 0(2): 198-200.
- Tortonese, E. 1973. Serranidae, p. 355-362. In: J.C. Hureau and Th. Monod (eds), *Check-list of the Fishes of the North-eastern Atlantic and of the Mediterranean*. Vol. I:1 -683, United Nations Educational Scientific and Cultural Organization, Paris.
- Totonese, E. 1975. Osteichthyes, (Pesci ossei). Parte Seconda. Edizioni Calderini, Bologna. *Fauna Italia*, (11):1-636.
- Tortonese, E. 1986. Serranidae, p. 780-792. In: P.J.P. Whitehead, M.-L. Bauchot, J.-C. Hureau, J. Nielsen, and E. Tortonese (eds). *Fishes of the North-eastern Atlantic and the Mediterranean*. Vol. II:515-1007. United Nations Educational Scientific and Cultural Organization, Paris.
- Troschel, F.H. 1866. Ein Beitrag zur Ichthyologischen Fauna der Inseln des Grünen Vorgebirges. *Arch. Naturgesch.*, XXVI. Jahr., 1:190-239, pl. 5.
- Tsai, C.F. 1960. A study of fishes belonging to genus *Cephalopholis* from Taiwan and Pescadore Islands. *Quart. J. Taiwan Mus.*, 13(3 & 4):181-190.
- Tseng, W.Y. 1983. Prospects for commercial netcage culture of red grouper *Epinephelus akaara* (T & S) in Hong Kong. *J. World Maricult. Soc.*, 14:650-660.
- Tseng, W.Y., and K.F. Chan. 1985. On the larval rearing of the white-spotted green grouper, *Epinephelus amblycephalus* (Bleeker), with a description of larval development. *J. World Maricul. Soc.*, 16:114-126.
- Tseng, W.Y., and C.T. Poon. 1983. Hybridization of *Epinephelus* species. *Aquaculture*, 34(1-2):177-182.
- Ukawa, M., M. Higuchi, and S. Mito. 1966. Spawning habits and early life history of a serranid fish, *Epinephelus akaara* (Temminck et Schlegel). *Japan J. Zchthyol.*, 13:156-161.
- Vadiya, V. 1984. Reproductive systems of *Epinephelus aeneus* and *Epinephelus alexandrinus* (Serranidae) from the southeastern Mediterranean. *J. Ichthyol.*, 24(3):77-81.
- Vaillant, L.L. 1873. Sur le pretendu *Serranus phaeton*. *Bull. Soc. Philom. Paris*, ser. 10,6:94.

- Vaillant, L.L., and F. Bocourt. 1874-1915. Etudes sur les poissons. Mission scientifique au Mexique et dans l'Amérique Centrale. Paris, pt. 4, 265 p., 20 pls.
- Valdes, E., and G. Padron. 1980. Pesquerias de papangre en el banco de Campeche, Golfe de Mexico. *Rev Cub. Invest. Pesq.*, 5(2):38-48.
- Valenciennes, A. 1837-1844. Ichthyologie des îles Canaries, ou histoire naturelle des poissons rapportés par MM. Webb et Berthelot. In: P.B. Webb et S. Berthelot, *Histoire naturelle des Iles Canaries*. Paris. 109 p., 26 pls.
- Valenciennes, A. 1855. Ichthyologie. In: Petit-Thouars, A. Du, *Voyage autour du monde sur le frigate la "Venus" pendant les années 1836-1839*. Gide et J. Baudry, Paris. 355 p., 79 pls.
- Van Der Elst, R. 1981. *A guide to the Common Sea Fishes of Southern Africa*. C. Struik Publishers (Pty)Ltd., Cape Town. 367 p.
- Vergara, R.R. 1976. Nuevos registros para la ictiofauna Cubana. III. *Poeyana*, 150:1-7.
- Wadie, W.F., A.A. Ezzat, and M.Y. Mikhail. 1985. Biometric studies on *Epinephelus aeneus* (G. Saint Hilaire) and *Epinephelus alexandrinus*. *Folia morph Prague*, 33(4):310-315, illustr.
- Wadie, W.F., M.T. Hashem, M.Y. Mikail, and A.A. Ezzat. 1981. Age and growth of *Epinephelus alexandrinus* in the Egyptian Mediterranean waters. *Bull. Inst. Oceanogr Fish. Cairo*, 7(3):559-574.
- Waite, E.R. 1911. Additions to the fish fauna of the Kermadec Islands. *Trans. & Proc. New Zealand Inst.*, 44:28-29.
- Walbaum, J.J. 1792. *Petri Artedi sueci genera Piscium in quibus systema totum ichthyologiae proponitur cum classibus, ordinibus, generum characteribus, specierum differentiis, observationibus plurimis. Ichthyologiae Pars III. Grypeswaldiae*. Second edition. 723 p., 3 pl.
- Walford, L.A. 1936. Contributions from the Fleischmann expedition along the west coast of Mexico. *Santa Barbara Museum of Natural History, Occasional Papers*, 4:1-9.
- Walford, L.A. 1937. *Marine Game Fishes of the Pacific Coast from Alaska to the Equator*. Univ. California Press, Berkley. 205 p., 69 pls.
- Walters, V. 1957. *Alphestes scholanderi*, a new sea bass from the West Indies. *Copeia* 2:283-286, figs 1-4.
- Waschkewitz, R., and P. WIRTZ. 1990. Annual migration and return to the same site by an individual grouper, *Epinephelus alexandrinus* (Pisces, Serranidae). *J. Fish Biol.*, (1990) 36:781-782.
- Wass, R.C. 1984. An annotated checklist of the fishes of Samoa. *Natl. Ocean. Atmos. Adminis. Tech rept., Natl. Mar Fish. Serv., Spec. Sci. Rept. Fish.*, 781 :1-43.
- Weber, M., and L.F. De Beaufort. 1931. *The Fishes of the Indo-Australian Archipelago*. Vol. 6. E.J. Brill, Leiden. 448 p.
- Wheeler, A.C. 1958. The Gronovius fish collection: a catalogue and historical account. *Bull. Brit. Mus. (Nat. Hist.)*, 1(5):187-249.
- Wheeler, A.C. 1969. *The Fishes of the British Isles and North-West Europe*. Macmillan, London, 613 p.
- Wheeler, A.C. 1975. *Fishes of the World. An Illustrated Dictionary*. Macmillan Publishing Co., Inc., New York. 366 p.
- Wheeler, A.C. 1980. The sources of Linnaeus's knowledge of fishes. *Svenska Linnésällskapets Årsskrift* (1978):156-211.
- Wheeler, J.F.G., and F.D. Ommaney. 1953. Report on the Mauritius-Seychelles fisheries survey 1948-1949. *Colonial Office, Fish Pub.*, 1(3):1-145.
- White, A. 1987. *Philippine Coral Reefs. A Natural History Guide*. New Day Publishers, Quezon City, Philippines. 223 p.
- Whitehead, P.J.P. 1969. The Reeves collection of Chinese fish drawings. *Bull. Br. Mus. Nat. Hist. (Hist. Ser)*, 3(7):191-233, 29 pls.
- Whitehead, P.J.P., and K.A. Joysey. 1967. The Vachell collection of Chinese fishes in Cambridge. *Bull. Br. Mus. Nat. Hist. (Zool.)*, 15(3):8-165 3 pls.

- Whitehead, P.J.P., and P.K. Talwar. 1976. Francis Day (1829-1889) and his collections of Indian fishes. *Bull. Brit. Mus. (Nat. Hist.), Historical ser.*, 5(1):1-189.
- Whitley, G.P. 1926. The biology of north-west islet, Capricorn group. (C) Fishes. *Aust. Zool.*, 4(4):227-236.
- Whitley, G.P. 1929. Studies in Ichthyology. No. 3. *Rec. Aust. Mus.*, 17(3):101-143, pls 30-34.
- Whitley, G.P. 1930. Additions to the check-list of the fishes of New South Wales (no. 3). *Aust. Zool.*, 6(2):117-123.
- Whitley, G.P. 1930. Leatherjacket genera. *Aust. Zool.*, 6(2):170.
- Whitley, G.P. 1937a. Further ichthyological miscellanea. *Mem. Queensland Mus.*, 11(2):113-148.
- Whitley, G.P. 1937b. The Middleton and Elizabeth reefs, south Pacific Oceans. *Aust. Zool.*, 8(4):199-231.
- Whitley, G.P. 1944. New sharks and fishes from Western Australia. *Aust. Zool.*, 10(3):252-273.
- Whitley, G.P. 1945. New sharks and fishes from Western Australia. Pt. 2. *Aust. Zool.*, 11 (1):1-42.
- Whitley, G.P. 1947. New sharks and fishes from Western Australia. Pt. 3. *Aust. Zool.*, 11(2): 129-150.
- Whitley, G.P. 1948. Studies in ichthyology. No. 13. *Rec. Aust. Mus.*, 22(1):70-94.
- Whitley, G.P. 1951. Studies in ichthyology. No. 15. *Rec. Aust. Mus.*, 22(4):389-408.
- Whitley, G.P. 1954. New locality records for some Australian fishes. *Proc. Roy. Zool. Soc. N.S.W.*, (1952)53:23-30.
- Whitley, G.P. 1959. Ichthyological snippets. *Aust. Zool.*, 12(4):310-323.
- Winterbottom, R., A.R. Emery, and E. Holm. 1989. *An Annotated Checklist of the Fishes of the Chagos Archipelago, Central Indian Ocean*. Life Sciences Contributions 14.5, Royal Ontario Museum, Toronto. 226 p.
- Wirtz, P. 1992. São Tomé, ein Paradis für Taucher und Unterwasser Aquarianer. *Das Aquarium*, 271:21-26.
- Witzell, W.N. 1981. Predation on juvenile green sea turtles, *Chelonia mydas*, by a grouper, *Promicrops lanceolatus* (Pisces: Serranidae) in the Kingdom of Tonga, South Pacific. *Bull. Mar Sci.*, 31(4):935-936.
- Woodland, D.J., and R.J. Slack-Smith. 1963. Fishes of Heron Island, Capricorn Group, Great Barrier Reef. *Dept. Zool., Univ. Queensland Papers*, 2(2):13-69.
- Wray, T. (ed.). 1979. *Commercial Fishes of Saudi Arabia*. Ministry of Agriculture and Water Resources, Saudi Arabia; White Fish Authority, United Kingdom. 120 p.
- Wrobel, L. 1988. *La pêche profonde en Polynesie Francaise*, EVAAM, Papeete, Tahiti, Min. de la Mer, Mars 1988:1-81.
- Yeh, S.L., W.S. Luo, and Y.Y. Ting. 1986. Studies on the sexual conversion of grouper with hormone treatment. *Bull. Taiwan Fish. Res. Inst.*, 41:240-258, illustr.
- Yeh, S.L., Y.Y. Ting, and C.M. Kuo. 1987. Induction of sex reversal and spawning of grouper *Epinephelus salmoides*; *Epinephelus fario*. *Bull. Taiwan Fish. Res. Inst.*, 43:143-152, illustr.
- Yen, J.L., and J.C. Yen. 1985. Cage culture of some marine economic fishes in Penghu. *Bull. Taiwan Fish. Res. Inst.*, 38:157-165, illustr. (in Chinese with English summary).
- Zama, A. 1978. A grouper *Epinephelus albopunctulatus*, a synonym of *E. spiniger*, distinct from *E. truncatus*. *Jap. J. Ichthyol.*, 25(3):219-222.
- Zama, A., and K. Fujita. 1977. An annotated list of fishes from the Ogasawara islands. *J. Tokyo Univ. Fish.*, 63(2):87-138.
- Zamora, M.D., W.P. Gabuelo, and A.T. Arisola. 1987. Grouper abstracts. *Brachishwater Aquacult. Inf. Syst.*, 8, 95 p.
- Zhang, W., and S. Li. 1988. Artificial hatching and pro-larval development of banded grouper *Epinephelus awoara* *Mar Sci.*, 1:38-41. (in Chinese, with English abstract).
- Zug, G.R., V.C. Springer, J.T. Williams, and G.D. Johnson. 1988. The vertebrates of Rotuma and surrounding waters. *Atoll. Res. Bull.*, 316:1-24.