

VI. REFERENCES

- Acara A., 1955.** The cycle of inorganic phosphorus in the Bosphorus and its biological investigations. *Int.Commn.Sci.Explor.of the Medit.*, Monaco.
- Acara A., 1985.** The Black Sea turbot. T.S. Basbakanlic. Devlet planlama teskilati, 1-19.
- Aleev Yu.G., 1957.** Horse mackerel (*Trachurus*) of the Soviet seas. Tr. Sevastopol. Biol.St., 9: 167-212. In Russian.
- Aleev Yu.G., 1959.** On the reproduction of the southern population of the horse mackerel in the western areas of Black Sea. Tr. Sevastopol. Biol.St., 12: 270-285. In Russian.
- Aleksandrov A.I., 1927.** Anchovies in the Sea o f Azov and Black Sea, their origin and taxonomic status. Tr.Kertch Fish Farm.St., 1, 1-3.
- Alexandrova K., 1964.** Particularities in the growth of *Mugil auratus* Risso along the Bulgarian coast of the Black Sea. In Bulgarian. Bulletin de l'Institut de Pisciculture et des Pêcheries, V. IV, 237-252.
- Alexandrova K., 1967.** Mullets in the lakes along the Bulgarian Black Sea coast. Proceedings of the Research Institute of Fisheries and Oceanography-Varna, V. VIII, 263-293. In Bulgarian.
- Alexandrova K., 1973.** The catch of mullets along the Bulgarian coast of the Black Sea and its effect on the stocks. Proceedings of the Institute of Oceanography and Fisheries, V. XII, 133-143. In Bulgarian.
- Altukhov Yu.P. and Apekin V.S., 1963.** Serological analysis of the "small" and "large" form of the horse mackerel in the Black Sea. Vopr.Ichthiol., 3 (1): 39-50. In Russian.
- Altukhov Yu.P. and Michalev Yu.A., 1964.** Differences between the "small" and "large" form of the horse mackerel of the Black Sea, established by the characteristics of the cellular thermal stability. Tr.AzTcherNIRO, 22: 23-29. In Russian.
- Ambroz A.P., 1954.** Distribution and fishery of the Black Sea horse mackerel. Tr.VNIRO, V. 28, 113-125. In Russian.
- Ambroz A.P., 1955.** Maturation and fecundity of Black Sea anchovy during 1952 and 1953. Tr.AzTcherNIRO, 16, 461-467. In Russian.
- Ambroz A.P. and Kiriljuk M.M., 1979.** Sturgeons (Acipenceridae). In monography Living resources of Black Sea. Naukova Dumka. Kiev. In Russian.
- Arkhipov A.G., 1993.** Estimation of abundance and peculiarities of distribution of the commercial fishes in the early ontogeny. Vopr.Ichthiol., 33 (4), 511-522. In Russian.
- Artyomov A.G and Tchashchin A.K., 1982.** Assessment of anchovy biomass applying hydro - acoustic methods. Fish. Farm., N 12, 45-79.
- Atanasova V., Velkova V. and Manasieva S., 1995.** Multiannual dynamics of plankton in conditions of the antropogenic eutrophication of the Bulgarian aquatory of the Black Sea (in press, personal communication).
- Bakun A., 1990.** Global climate change and intensification of coastal ocean upwelling. Science 247: 198-201.
- Bakun A., 1992.** Global greenhouse effects, Multi-decadal wind trends, and potential impacts on coastal pelagic fish populations. ICES Mar.Sci.Symp., 195:316-325.
- Blatov A.S. and Ivanov V.A., 1992.** Hydrology and Hydrodynamics of the Black Sea coastal zone. Naukova Dumka, Kiev, 242 pp. In Russian.
- Bertalanffy L. Von, 1934.** Untersuchungen über die Gesetzmäßigkeiten des Wachstums. 1. Allgemeine Grundlagen der Theorie. Roux' Arch. Entwicklungsphysiol. Org. 131: 613-653.
- Beverton R.J.H. and Holt S.H., 1956.** A Review of methods for estimating mortality rates in exploited fish populations, with special reference to sources of bias in catch samplings. Cons.Int.Explor.Mer. Rapp.et Procès-Verbaux, 14, 67 - 83.
- Beverton R.J.H. and Holt S.H., 1957.** On the dynamics of exploited fish populations. UK Min. Agric.Fish.Invest., Ser.2, N.19, 553 pp.
- Boguslavsky S.G., Belyakov Yu.M and Gorov V.A., 1979.** Peculiarities of the hydrology of the Black Sea. In Productivity of the Black Sea. Ed. by V.N Grese. Naukova dumka, Kiev. In Russian.
- Berenheim D.Ya., 1960.** Changeability of water level of Black Sea, Sea of Azov and river inflow.

- Tr.AzTcherNIRO, 22, 23 - 29. In Russian.
- Bogdanova A., 1959.** Water exchange through the Bosphorus and its role in mixing the Black Sea waters. Ir.S.B.S. In Russian.
- Bogdanova A., 1969.** Hydrology of the Bosphorus and the pre-Bosphorus region of the Black Sea. The water exchange through the Bosphorus and its repercussion on the hydrobiology and the biology of the Black Sea. Kiev. Naukova dumka, pp 3-12. In Russian.
- Bodeanu N., 1979.** Number of macrophytoplankton species in the Romanian coast of the Black Sea. In Productivity of the Black Sea. Ed. by V.N. Grese. Naukova dumka. Kiev. In Russian.
- Caddy J.F., 1982.** Some considerations relevant to the definition of shared stocks and their allocation between adjacent economic zones. FAO Fish Circ.No.749 (Doc. FIRM/C 749) 40 p.
- Caddy J.F., 1993.** Reference points for fishery management: their potential application to straddling and highly migratory resources. FAO Fish.Depart. FAO Fish.Circ.No.864. Rome, 52 p.
- Caddy J.F. and Csirke J., 1983.** Approximation to sustainable yield for exploited and unexploited stocks. Oceanogr.Trp. 18(1):3-15.
- Caddy J.F. and Sharp G.D., 1986.** An ecological framework for marine fishery investigations. FAO Fish.Tech.Pap.283: 182 p.
- Caddy J.F. and Griffiths R.C., 1990.** A perspective on recent fishery-related events in the Black Sea. FAO Studies and Reviews, 63: 43-71.
- Cautis I., 1966.** Bul.Inst.Cerc.Provect.Pisc., 25, 2:31-40.
- Cautis I., 1971.** Le sprat *Sprattus sprattus* L. du littoral roumain de la Mer Noire. Cercetari Marine 2: 51-73.
- Cautis I., 1979.** Biologie de la reproduction du chinchard de la Mer Noire. In E. Pora ed. - Le Chinchard de la Mer Noire (*Trachurus mediterraneus ponticus*), Etude monographique, Deuxième Partie, 461-478. In Romanian.
- Cautis I. and Ionesku N., 1979.** Structura populator de stavrid. In E. Pora ed. - Le Chinchard de la Mer Noire (*Trachurus mediterraneus ponticus*), Etude monographique, Deuxième Partie, 485-508. In Romanian.
- Chashchin A.K., 1993.** Present state of anchovy stock and the factors that determine it. Basic results from the comprehensive investigations of YugNIRO in the Azov-Black Sea basin, and in the World ocean, 76-78.
- Cury P. and Roy C., 1989.** Optimal environmental window and pelagic recruitment success in upwelling areas. Can.J.Fish.Aquat.Sci., 46: 670-680.
- Cushing D.H. and Dickson R.R., 1976.** The biological response in the sea to climate change. Advance in Marine Biology, 14: 1-122.
- Cushing D.H., 1979.** Marine ecology. Food processing industry, Moskow, 288 pp. In Russian.
- Darby C.D. and Flatman S., 1994.** Virtual population analysis 3.1 user guide. Info.Tech.Ser., MAFF Direct.Fish.Res., Lowestoft, 1:85 p.
- Daskalov G., 1993.** Essai de diagnostic du stock du sprat *Sprattus sprattus* L. dans la zone bulgare de la Mer Noire. Rapport de DEA, Univ. Aix-Marseille II, OSU (COM), 47 p.
- Daskalov G. and Prodanov K., 1994.** Variability in growth of sprat *Sprattus sprattus* L. off Bulgarian Black Sea coast with reference to the environmental changes in the Black Sea. Black Sea'94. Int.Conference Coll., reprints, 81-84.
- Daskalov G. and Prodanov K., 1995.** Stock assessment of sprat *Sprattus sprattus* L. off Bulgarian Black Sea coast using Length Cohort Analysis. Rapp.Comm.int.Mer Medit., 34.
- Demir M., 1955.** Deniz Supireleri (Cladocera) ve bunlarin Karadeniz sahil sularimiz ile Marmarada buldugumuz nevileri. Hidrobiol.Mec., (A) 3(1): 37-47.
- Demir M., 1961.** Palamut-Toric (*Sarda sarda* Bloch) Yumurtalari Hakkinda. Hidrobiol.Mec., (A) 5(1-2): 21-29.
- Demir M. and Acara A., 1955.** Biological and hydrological factors controlling the migration of the mackerel from the Black Sea to the Sea of Marmara. GFCM Proc. (3): 365-376.
- Dimitrov P.S., Stoyanov A., Demirov E. and Solakov D., 1987.** On the phenomenon of upwelling in the western part of the Black Sea and its connection with the bloom of phytoplankton. Comptes-rendus de l'Académie Bulgare des Sciences, 40 (10): 127-130.
- Dimitrov P.S. and Yaneva A., 1992.** On some negative impact of upwelling phenomenon upon the Black Sea coastal ecosystem. Rap.Conf. "Ecological problems of the Black Sea", Bourgas, 244-254. In Bulgarian.
- Dobrovolov I. and Dobrovolova S., 1983.** Biochemical polymorphism of the Black Sea and Mediterranean scads. Proc.of the Institute of Fisheries-Varna, XX, 101-107. In Bulgarian

- Dobrovolov I., Dobrovolova S. and Prodanov K., 1984.** Electroforetic analyses of the proteins from Black Sea, and Atlantic's whiting (genus *Odontogadus*) min connection with their systematic. Comptes-rendus de l'Académie Bulgare des Sciences, 37, No. 2. **Dobrovolov I. and Mikhailov K., 1991.** About the structure of anchovy's populations off Bulgarian Black Sea coast. Coll. of summaries from NSTS in Varna. In Ecology of the Black Sea, 40-42. In Bulgarian.
- Domashenko G.P., 1990.** On fisheries importance and the current status of the Black Sea surmullet investigations. Biological resources of the Black Sea. Collected papers of VNIRO, 134-139. In Russian.
- Domashenko G.P. and Yurev G.S., 1978.** Argument in favour in the sprat fishery in the Black Sea. Tr.VNIRO, 128: 57-60. In Russian.
- Domashenko G.P. and Akselev O.I., 1990.** Assessment of the total allowable catch of Russian sturgeons for the North-western part of the Black Sea. Biological resources of the Black Sea. Collected reprints of VNIRO, Moskow, 139-142. In Russian.
- Domashenko G.P. and Serobaba I.I., 1990.** Scientific basis of rational exploitation with respect to anchovy, sprat, whiting and spiny dogfish from the Black Sea. Biological resources of the Black Sea. Collected reprints of VNIRO, Moskow, 142-145.
- Eremeev V.N. and Chudinovski T.V., 1990.** Hydrobiology of the Black Sea. Applied Ecology of Sea Regions. The Black Sea, Kiev, 57-106. In Russian.
- FAO, 1994.** FAO Expert consultation on fisheries research. Rome 12-15 April 1994: Small pelagic fisheries. FAO Fish.Circ., No. 877: 53 p.
- Fox W.W., 1970.** An exponential yield model for optimising exploited fish populations. *Amer.Fish.Bull.*, 99: 80-88.
- Fox W.W., 1974.** An overview of production modelling .Collect.Vol.Sci.Pap.ICCAT, 3: 142-156.
- Gapishko A.I. and Malishev V.I., 1990.** Calculating daily rations for sprat under natural conditions at the time of spawning and feeding migration. Biological resources in the Black Sea. Coll. reprints of VNIRO, 39-45. In Russian.
- Georgiev Z.M. and Kolarov P., 1959.** Abs. Bulletin of Bulgarian Academy of Sciences.
- Georgiev Z.M. and Kolarov P., 1962.** On the migration and distribution of horse mackerel (*Trachurus trachurus ponticus* Aleev) in the western part of Black Sea. Arbeiten des Zentralen Forschungsinstitutes fur Fishzucht und Fischerei-Varna, II, 148-172. In Bulgarian.
- Grese V.N. (ed.), 1979.** Productivity of the Black Sea. Naukova dumka, Kiev. 388 pp. In Russian.
- Gulland J.A. (ed.), 1965.** Estimation of mortality rates. Annex to the report of the Arctic Fisheries Working Group, Hamburg, ICES Doc.CM, 1965/3.
- Gulland J.A., 1970.** The fish resources of the ocean. *FAO Fish.Techn.Pap.* No 97, 1-425 (2-4, Methods).
- Gulland J.A. and Boerema L.K., 1973.** Scientific advice on catch levels. US Fish and Wildlife. *Fish.Bull.*, 71 (2) 325-335.
- Hydrometeorology and hydrochemistry of the seas of USSR**, V.4. Black Sea. 1992. In Russian.
- Ivanov L.S., 1964.** Dynamics of the Black Sea mackerel (*Scomber scombrus* L.) stocks which migrate along Bulgarian coast and their relation to the state of the stocks. Proceedings of the Research Institute of Fisheries and Oceanography-Varna, V:65-91. In Bulgarian.
- Ivanov L.S., 1966.** On the biology of the mackerel of the Black Sea (*Scomber scombrus* L.). Proceedings of the Research Institute of Fisheries and Oceanography-Varna, VII: 97-134. In Bulgarian.
- Ivanov L.S., 1970.** An attempt to determine the mortality rate of the Black Sea mackerel (*Scomber scombrus* L.) caused by fishing and natural reasons. Proceedings of the Institute of Fisheries and Oceanography-Varna, X:75-90. In Bulgarian
- Ivanov L.S., 1973.** On the reproduction of the Black Sea mackerel (*Scomber scombrus* L.). *Acta Biol.Jugosl.*, 5: 35-45.
- Ivanov L.S., 1977.** An asymmetric curve on the reproduction of fish populations. Proceedings of the Institute of Fisheries-Varna, XIV:7-15. In Bulgarian.
- Ivanov L.S. and Karapetkova M., 1979.** Dynamics of the stocks of turbot (*Scophthalmus maeoticus* Pallas) in the Bulgarian shelf of the Black Sea and measures for their rational utilization. I. Growth and mortality rates, II. Stocks and reproduction. Hydrobiology, Sofia, 9:3-28. In Bulgarian.
- Ivanov L.S. and Kolarov P., 1979.** On the relations between the catches of the Danube shad (*Alosa kessleri pontica*) and the solar activity. Soc.Inter.Limnol. XIX Jubilaumstagung Donauforschung. Bulg.Acad.Wiss., 389-395.
- Ivanov L.S., Kostyuchenko B. and Cautis I., 1979.** Fundamental laws of growth and nutrition, and

- the correlation between nutrition and migration in fishes. In Productivity of the Black Sea. Naukova dumka. Kiev, 253-268. In Russian.
- Ivanov L.S., 1983.** Population parameters and limiting methods of sprat *Sprattus sprattus* L. catches in the western Black Sea. Proceedings of the Institute of fisheries-Varna, XX, 7-46. In Bulgarian.
- Ivanov L.S. and Beverton R.J.H., 1985.** The fisheries resources of the Mediterranean. Part two: Black Sea. FAO Studies and Reviews, 60: 135 pp.
- Ivanov L.S., 1989.** On the relation between catch, stock and production of Black Sea sprat (*Sprattus sprattus* L.). Hydrobiology, Sofia, 34:68-78. In Bulgarian.
- Ivanov L.S., 1990.** Dynamics and exploitation of Black Sea sprat stock. Annual report of the Institute of Fisheries-Varna, ms. In Bulgarian.
- Ivanov L.S., 1991.** Fluctuations in the stocks of mackerel, bonito and bluefish against a background of the eutrophication of the Black Sea. In Ecology and chemistry of the Black Sea. Scientific - technical conference - Varna. In Bulgarian.
- Ivanov L.S.** Direct observation and back calculation growth of the Black Sea sprat (*Sprattus sprattus* L.) (manuscript). In Bulgarian.
- Ivanov L. and Mikhailov K., 1991.** On the relation between catch, stock and production of the Black Sea anchovy (*Engraulis encrasicolus* Aleksandrov). Oceanology, Sofia, 20, 16-25. In Bulgarian.
- Ivanov L. and Mariniv G., 1992.** Dynamics of the condition factor of the Black Sea sprat, *Sprattus sprattus* L. Proceedings of the Institute of Oceanology-Varna, I: 110-118. In Russian.
- Ivanov L.S., 1994.** A combined method for estimating sprat's stocks (*Sprattus sprattus* L.) in Bulgarian aquatory of the Black Sea. Proceedings of the Institute of Fisheries - Varna, XXII, 105-116. In Bulgarian.
- Ivanov L.S., 1995.** The stocks of the sprat (*Sprattus sprattus* L.) in the Bulgarian zone of the Black Sea for the period 1945-1992. Proceedings of the Institute of Fisheries - Varna, XXIII, 5-35. In Bulgarian.
- Jones R., 1957.** A much simplified version of the fish yield equation. Joint Meet. ICNAF (ICES) FAO, Doc.No P.21, Lisbon, 8 pp.
- Jones R., 1981.** The use of length composition data in fish stock assessment (with notes on VPA and cohort analysis). *FAO Fish.Circ.*No 734, 55 pp.
- Jones R., 1989.** Towards a general theory of population regulation in marine teleosts. *J.Cons.int.Explor.Mer*, 45: 176-189.
- Kalugina-Guthik, 1975.** Black Sea phytobenthos. Naukova dumka, Kiev, 248 pp. In Russian.
- Kalugina-Gutnik, 1979.** Number of phytobenthos species in the Black Sea. In Productivity of Black Sea. Naukova dumka, Kiev, 388 pp.
- Karapetkova M., 1964.** Distribution and migration of the turbot (*Scophthalmus maeoticus*) along Bulgarian Black Sea coast. Bulletin de l'Institut Zoologique et Musée, 16:61-81. In Bulgarian.
- Kerr S.R., 1974.** Theory of size distribution in ecological communities. *J.Fish.Res.Board Can.*, 31: 1859-1862.
- Kirnosova I.P., 1990.** Growth parameters and mortality of spiny dogfish (*Squalus acanthias* L.) from the Black Sea. Biological resources of the Black Sea. Coll. reprints of VNIRO, Moskow, 113-122. In Russian.
- Kirnosova I.P., 1993.** Stock conditions and allowable catch of spiny dogfish in the Black Sea. Basic results from the comprehensive investigations of YugNIRO in the Azov-Black Sea basin, and in the World ocean, 69-76. In Russian.
- Kirnosova I.P. and Shlyakhov V., 1988.** Spiny dogfish (*Squalus acanthias*) abundance in the Black Sea. *Vopr.Ichth.* 28: 38-43.
- Kolarov P., 1958.** About the reasons determine the decreasing of the catches of *A. k. pontica* Eichw.Rish.Farm. 1:68. In Bulgarian.
- Kolarov P., 1964.** Some aspects of the changes in the age composition of the Black Sea shad (*Alosa kessleri pontica* Eichw.). Bulletin de l'Institut de Pisciculture et des Pêches-Varna, V:93-116. In Bulgarian.
- Kolarov P., 1964.** Size and age composition of bluefish (*Pomatomus saltatrix* L.) off the Bulgarian Black Sea coast. Bulletin de l'Institut de Pisciculture et des Pêches-Varna, IV:207-220. **Kolarov P., 1978.** On certain changes in the population of *Alosa kessleri pontica* during its migration towards its reproduction areas. In Limnology of the Bulgarian sector of the Danube, Sofia, Bulgarian Academy of Sciences, 238-249.
- Kolarov P., 1982.** On the dynamics of the Black Sea shad (*Alosa kessleri pontica* Eichw.). Proceedings of the Institute of Fisheries-Varna, XIX: 35-57. In Bulgarian.
- Kolarov P., 1986.** Biological peculiarities and population dynamics of anadromous fishes.

- Dr.Sci.Theses, 419 pp. (in Bulgarian).
- Konsulov A., 1986.** Seasonal and annual dynamics of zooplankton in the Black Sea along the Bulgarian coast for 1974-1984. Oceanology, Sofia, 16:23-33. In Bulgarian.
- Konsulov A., 1990.** *Leucothea multicornis* Eschckoltz - new species for the Black Sea. Oceanology, Sofia, 19:98-99. In Bulgarian.
- Konsulov A., 1990.** Daily vertical migration of zooplankton in the Bulgarian Black Sea coastal region. Oceanology, Sofia, 19:35-48. In Bulgarian.
- Konsulov A., 1992.** Zooplankton structure and distribution in the Bulgarian Black Sea coastal eutrophicated zone in summer 1991. *Rapp.Comm.Int.Mer Medit.*, 33:256-258.
- Konsulov A. and Konsulova Tz., 1993.** Biodiversity on the Black Sea plankton and benthos. National Biological Diversity Conservation Strategy, Sofia, 473-514. In Bulgarian and English.
- Konsulova Tz., 1991.** Ecological characteristics of Varna Bay (Black Sea) coastal ecosystems under summer "bloom conditions". Comptes rendus de l'Académie Bulgare des Sciences, 44/8, 113-117.
- Konsulova Tz., 1993.** Marine macrozoobenthic communities structure and ecological status in relation to some environmental factors. Comptes rendus de l'Académie Bulgare des Sciences, 46/5, 115-118.
- Konovalov S. M., 1993.** Impact of man on Black Sea ecosystem. *Rapp.Comm.Int.Mer Medit.*, 33:17 (m.s. 36 pp with 16 table - personal communication).
- Kosswig C., 1955.** Description of the Turkish marine fisheries. Hydrobiol.Res.Inst.Fac.Sci., Univ. Istanbul 5: 8 pp (mimeo).
- Kutty M.K. and Quasim G.Z., 1965.** The estimation of optimum age of exploitation and potential yield in fish populations. *J.Cons.Int.Explor.Mer*, V. 32, No 22: 191-202.
- Laurec A. and Shepherd J.G., 1983.** On the analysis of catch and effort data. *J.Cons.Int.Explor.Mer*, No 40:81-84
- Lipskaya N.Ya., 1960.** Daily and seasonal feeding of Black Sea sprat (*Sprattus sprattus phalericus* Risso). Tr.Sevast.Biol.St., 13: 190-203. In Russian.
- Lukashev V.N., 1970.** Method of calculating the least fishing mortality. Tr.VNIRO, 71:281-294. In Russian.
- Lushnikova V.P. and Kirsonova I.P., 1990.** Feeding and food requirements of thornback ray in the Black Sea. Coll. reprints of VNIRO, 58-63. In Russian.
- Mann K.H., 1993.** Physical oceanology, food chains, and fish stocks: a review. ICES *J.Mar.Sci.*, 50:105-119.
- Mikhailov K. and Prodanov K., 1983.** Approximate assessment of natural mortality rate of the anchovy (*Engraulis encrasicholus ponticus* L.) off the Bulgarian Black Sea coast. Proceedings of the Institute of Fisheries-Varna, XX:173-182. In Bulgarian.
- Mikhailov K. and Dobrovolov I., 1991.** Morphologic and genetic analysis of the anchovy's populations along Bulgarian Black Sea coast. In Protection and rational exploitation of natural resources in the region of Varna, Varna Scientific Union: 108-116. In Bulgarian.
- Mikhailov K., Andrianov A., Arkhipov A. and Lisovenko L., 1992.** Estimation of the anchovy spawning biomass in Bulgarian aquatory of Black Sea by Parker's method. Proceedings of the Institute of Fisheries (in press).
- Mikhailov K., 1992.** Sex maturation of the young-of-the year anchovy, *Engraulis encrasicolus* (L.) in Varna Bay (Black Sea, Bulgaria) in August 1987. Proceedings of the Institute of Oceanology-Varna, I:172-173.
- Mikhailov K. and Prodanov K., 1994.** Preliminary data on the larval growth of Anchovy, *Engraulis encrasicolus* (L.) off the Bulgarian Black Sea coast. Black Sea'94. Int.Conference. Coll. reprints, 27-29.
- Moncheva S., 1991.** Eutrophication /phytoplankton blooms/ hypxia. International workshop on the Black Sea, Varna, 30.09-04.10 1991.
- Moncheva S., 1992.** Ecology of common Black Sea phytoplankton species under the influence of anthropogenic eutrophication. Ph.D thesis. In Bulgarian.
- Moncheva S., Petrova-Karadjova V. and Palasov A., 1993.** Harmful algal blooms along the Bulgarian Black Sea coast and associates fish and zoobenththic mortalities. *Proc.of 6th Int.conf.toxic marine phytoplankton*, 18-22 Oct. 1993, Nantes, France.
- Necphaeff A., 1939.** The peculiarities in the migrations of *Scomber scombrus* L and *Sarda sarda* Bloch. *Travaux de la station ichthyologique-Sozopol*, I:5-24.
- Nikolow D., 1960.** Biologie des Pelamiden *Sarda sarda* (Bloch) im Schwarzen Meer. Arbeiten des zentralen Forschungsinstitutes fur Fischzucht und Fischerei - Varna, 3:17-55.

- Numann W., 1956.** Biologische Untersuchungen über die Stocker des Bosporus, des Schwarzen Meeres und der Marmara. Istanbul University. (B) 4:1.
- Ovchinnikov I.M. and Popov Yu.I., 1987.** Cold intermediate layer formation in the Black Sea. Oceanology, AS URSS, 27(5): 239-248. In Russian.
- Ovchinnikov I.M., Moskalenko L.V., Popov Yu.I., Prokopov O.I. and Serditenko V.V., 1991.** Some peculiarities of hydrological conditions in the Black Sea in the winter period. In Variability of the Black Sea ecosystem. Moskow, Nauka, 345 pp. In Russian.
- Pauly D. and Munro J.L., 1984.** Once more on growth comparisons of fish and invertebrates. Fishbyte 2(1):21.
- Peterson I. and Wroblevski J.J., 1984.** Mortality rate of fishes in the pelagic ecosystem. Can.J.Fish.Aquat.Sci., 41:1117-1120.
- Petipa T.S., 1991.** Problems and development of the studies on pelagic ecosystems in the Black Sea. In The Variability of the Black Sea ecosystem: natural and anthropogenic factors, 336-345. Ed. by M.E. Vinogradov. Moskow, Nauka. In Russian.
- Petrova-Karadjova V.J. and Apostolov E.M., 1988.** Influence of solar activity upon the diatoms of Black Sea plankton. Rapp.et Procès-Verbaux des Réunions, CIESM, 31, 2.
- Petrova-Karadjova V., 1992.** Solar control upon the phytoplankton in the Black Sea. Rapp.et Procès-Verbaux des Réunions, CIESM, 33, 265.
- Pope J.G and Shepherd J.G., 1982.** A simple method for consistent interpretation of catch-at-age data. J.Cons.Int.Explor.Mer, 40:176-184.
- Pope J.G and Shepherd J.G., 1985.** A comparison of the performance of various methods for tuning VPA's using effort data. J.Cons.Int.Explor.Mer, 42:129-151.
- Prodanov K., 1979.** Some data of whiting's biology and possibilities for increasing its catches. Fish. Farming, 6:19-21. In Bulgarian.
- Prodanov K., 1980.** Preliminary age- and growth data on Black Sea whiting, *Odontogadus merlangus euxinus* Nordmann, off Bulgarian Black Sea coast. Proceedings of the Institute of Fisheries-Varna, XVIII:121-134. In Bulgarian.
- Prodanov K., 1982.** An approximate estimation of the optimum level of exploitation of whiting's stocks. Proceedings of the Institute of Fisheries-Varna, XIX:59-65. In Bulgarian.
- Prodanov K., 1983.** Reproduction, sex ratio and fecundity of whiting (*Odontogadus merlangus euxinus* Nordmann) inhabiting the Bulgarian Black Sea coastal waters. Hydrobiology, Sofia, 18:23-34. In Bulgarian.
- Prodanov K., 1983.** Biometria and size/sexual variability of meristic characteristics of Black Sea whiting. Proceedings of the Institute of Fisheries-Varna, XX:71-84. In Bulgarian.
- Prodanov K. and Kolarov P., 1983.** On the problem of the rational exploitation of fish populations. Proceedings of the Institute of Fisheries-Varna, XX:47-70. In Bulgarian.
- Prodanov K., 1984.** By-catch of whiting in Bulgarian trawl catches of sprat. Fish.Farming, 9:20-22. In Bulgarian.
- Prodanov K., 1986.** Condition of whiting's stock of the western Black Sea area and off Bulgarian Black Sea coast. Hydrobiology, Sofia, 27:55-55.
- Prodanov K. and Konsulov A., 1987.** About some factors determine the abundance of 0+ year old fish (fingerlings) of whiting off Bulgarian Black Sea coast. Hydrobiology, Sofia, 30:44-55. In Bulgarian.
- Prodanov K., 1989.** On the problem of determining the optimum value of fishing mortality coefficient (F_{opt}) and total allowable catch (TAC). Hydrobiology, Sofia, 34, 79-90.
- Prodanov K., 1991.** An attempt at an approximate evaluation of the average stock of *Merlangius euxinus* L. in the western part of the Black Sea during the 1976-1984 period. Hydrobiology, Sofia, 36, 71-84. In Bulgarian.
- Prodanov K., 1991.** A simple model for the influence of some factors on the reproduction of fish populations. Hydrobiology, Sofia, 36:84-93. In Bulgarian.
- Prodanov K., Mikhailov K. and Daskalov G., 1991.** On the problem of commercial fishing influence on the abundance and biomass of mackerel (*Scomber scombrus*), bonito (*Sarda sarda*) and bluefish (*Pomatomus saltatrix*). Black Sea Symposium, Istanbul, 16-18 September 1991, Published by the Black Sea Foundation.
- Prodanov K. and Daskalov G., 1992.** Stock assessments of sprat (*Sprattus sprattus*) along Bulgarian Black Sea coast (1976-1990). Rapp.et Procès-Verbaux des Réunions, 33:305.
- Prodanov K., Ivanov L. and Dencheva K., 1993.** Biodiversity of the ichthyofauna in the Bulgarian Black Sea waters. National Biological Diversity Conservation Strategy, Sofia, 547-566. In Bulgarian and English.

- Prodanov K. and Daskalov G., 1995.** Stock assessment of whiting (*Merlangius merlangus euxinus* Nordmann) along the Bulgarian Black Sea coast during 1976-1993. Rapp.et Procès-Verbaux des Réunions. CIESM, 34.
- Prodanov K., Mikhailov K., Daskalov G., Maxim K., Chashchin A., Archipov A., Shlyakhov V. and Ozdamar E.** Stock assessment and catch projection of horse mackerel (*Trachurus mediterraneus ponticus* Aleev) in relation to the environmental conditions during 1950-1993. First International CEOS meeting. Monterey, 05-09-1994, USA (manuscript).
- Prodanov K., Mikhailov K., Daskalov G., Maxim K., Chashchin A., Arkhipov A., Shlyakhov V. and Ozdamar E.** Stock assessment of sprat (*Sprattus sprattus L.*) and whiting (*Merlangius merlangus euxinus* Nordmann) in the western part of Black Sea and Bulgarian Black Sea coast during 1957-1992 in relation to some natural and anthropogenic factors. In Durand, M.H., R. Mendelssohn, Ph. Curry, C. Roy, D. Pauly (eds). Local vs. global changes in upwelling systems. Ed. ORSTOM (in press).
- Rass T.S., 1987.** Present notions about taxonomic composition and changes in ichthiophauna of the Black Sea. Vopr.Ichthyol., 27, No. 2, 179-187. In Russian.
- Ricker W.E., 1975.** Computation and interpretation of biological statistics of fish populations. Bull.Fish.Res.Bd.Can., 191:382 pp.
- Rozhdestvensky A.V., 1954.** The role of Danube for formation of the Black Sea salinity. Tr.Morsk.Biol.St.-Varna, 18: 1-20. In Bulgarian.
- Shepherd J.G., 1982.** A family of general production curves for exploited populations. Mathematical Bioscience, 59:77-93.
- Shepherd J.G., 1994.** Extended survivors analysis: an improved method for the analysis of catch-at-age data and CPUE data. ICES W.P. 22 pp. (mimeo).
- Shepherd J.G. and Darby C.D.** Combination of recruit indices by weighted averages using RTC3: A user's guide MAFF Direct. Fish.Res., Lowestoft (manuscript).
- Shulman G.E. and Urdenko S.Yu., 1989.** Fish productivity of the Black Sea. Naukova dumka, Kiev, 165 pp.
- Sparre P., 1989.** Introduction to tropical fish stock assessment. FAO Fish.Tech.Pap. No. 306, 1, 337 pp.
- Shlyakhov V.A., Chashchin A. and Korkosh N.I., 1990.** Fishing intensity and dynamics of the Black Sea anchovy stock. Coll. reprint of VNIRO, 80-92. In Russian.
- Shlyakhov V.A. and Akselev O.I., 1993.** Stock condition and reproduction efficient of Russian sturgeon in the north-western part of Black Sea. Basic results from the comprehensive investigations of YugNIRO in the Azov-Black Sea basin, and in the World ocean, 78-83. In Russian.
- Sorokin Yu.I., 1982.** The Black Sea: Nature, Resources, Nauka, Moskow, 216 pp. In Russian.
- Stoyanov S., 1960.** The state of the stock of pontic sprat caught along the Bulgarian Black Sea coast in the periods 1945-1950 and 1955-1959. Arbeiten des zentralen Forschungsinstitutes fur Fischzucht und Fischerei-Varna, III: 1-39. In Bulgarian.
- Stoyanov S., 1965.** Dynamics of the Black Sea sprat stock (*Sprattus sprattus sulinus* Antipa). Proceedings of the Research Institute of Fisheries and Oceanography-Varna, VI:21-48. In Bulgarian.
- Stoyanov S., 1966.** Reproduction and modelling of the Black Sea sprat stock (*Sprattus sprattus sulinus* Antipa). Proceedings of the Institute of Fisheries and Oceanography-Varna, VII:135-157. In Bulgarian.
- Stoyanov S., 1967.** Biological characteristics of the anchovy (*Engraulis encrasicholus ponticus* Aleks.) caught off the Bulgarian Black Sea coast in 1961-1966. Proceedings of the Institute of Fisheries and Oceanography-Varna, VIII: 5-38. In Bulgarian.
- Stoyanov S., 1978.** On the reproduction of Black Sea sprat and their control. FAO, Rap.sur les pêches, 204:105-110.
- Stoyanov S., 1980.** Stock-recruitment relationships in Black Sea sprat (*Sprattus sprattus sulinus* Antipa). Comptes rendus de l'Académie Bulgare des Sciences, 33 (8): 1107-1109.
- Stoyanov S., 1980.** On the long-term prognosis of Black Sea sprat reproduction. Comptes rendus de l'Académie Bulgare des Sciences, 33 (9):1223-1225.
- Ulltang O., 1980.** Factors affecting the reaction of pelagic fish stocks to exploitation and requiring a new approach to assessment and management. Rapp.et Procès-Verbaux des Réunions. CIEM 177: 489-504.
- Vinogradov M.E., Shushkina E.A., Musaeva E.I. and Sorokolit P.Yu., 1989.** Ctenophore *Mnemiopsis leidyi* (A. Agassiz) (*Ctenophora: Lobata*) - new settlers in the Black Sea.

- Oceanology, Acad.Sci. USSR, 29 2, 293-299. In Russian.
- Vinogradov M.E., Sapozhnikov V.V. and Shushkina E.A., 1992.** The Black Sea Ecosystem, 110 pp. In Russian.
- Vinogradova L.A. and Vassileva V.N., 1992.** The dynamics of the long standing and modelling of the Black Sea north-western part coastal waters ecosystem state. Hydrometeoizdat, Sankt Peterburg. In Russian.
- Vollenweider R.A., 1976.** Advances in defining critical loading levels for phosphorus in lake eutrophication. Mem.Inst.Ital.Idrob., 33:53-83.
- Zaika V.E. and Sergeeva N.G., 1991.** Diurnal variations in populations structure and vertical distribution of jellyfishes *Mnemiopsis McCradyi* Mayer (Ctenophora) in the Black Sea. Gidrobiol.Jurnal, 27, No. 2, 15-19. In Russian.
- Zaitzev Yu.P., 1993.** Impacts of eutrophication on the Black Sea fauna. In Fisheries and environmental studies in the Black Sea system, 63-85 pp. FAO Studies and Reviews, 64.