

# ALEXANDER I. KAFANOV

## CURRICULUM VITAE ( updated on April 15, 2000)

**Name** Kafanov

**Given name** Alexander

**Patronymic** Ivanovich

**Born** October 21, 1947, Krasnodar City, Russia

**Nationality** Russian

**Citizenship** Russia

**Office address:** Institute of Marine Biology, Far East Branch of Russian Academy of Sciences, 17 Palchevsky Str., Vladivostok 690041, Russia

**Foreign languages** English, speaking; German, reading.

**Education** M.S. Zoology, Rostov State University, Rostov-on-Don City, Russia, 1966-1971.

D.Ph.(Candidate of sciences)Zoology, Zoological Institute of the Academy of Sciences of the USSR, Leningrad, 1977. D.Ph. Thesis "Marine bivalve molluscs of the family Cardiidae of the USSR seas".

An academic rank of Senior researcher, Hydrobiology, 1981.

D.Sci. Zoology, Far East Branch of the Academy of Sciences of the USSR, Vladivostok, 1991. D.Sci. Thesis "Bivalve molluscs and faunistic biogeography of the Northern Pacific Ocean".

Academic rank - Professor, Hydrobiology, 1999.

**Research interest:** General problems of evolutionary biology, taxonomy, ecology and biogeography; systematics, ecology and biogeography of Recent and Cenozoic marine bivalve molluscs; Cenozoic paleontology, paleoclimatology and ecostratigraphy; environmental sciences; systemonomy.

**Appointments** 1971: graduated from the University, employed at the Institute of Marine Biology (Vladivostok) under the leadership of Academician A.V. Zhirmunsky;

1972 - 1975: post-graduate student, Zoological Institute of the USSR Acad. Sci. (Leningrad), supervisor - Academician O.A. Scarlato;

1976: elected Junior research worker, Laboratory of Chorology, Institute of Marine Biology, Far East Sci. Center of the USSR Acad.Sci, (Vladivostok);

1977: confirmed as Scientific secretary of the Institute of Marine Biology;

1983: Head of the Group of Ecosystem Dynamics, subsequently Laboratory of Ecosystem Dynamics, Institute of Marine Biology;

1986: Laboratory of Ecosystem Dynamics was transferred to Kamchatka Division of the Pacific Institute of Geography (Petropavlovsk-Kamchatsky City) in accordance with a special resolution of the Presidium of Far East Branch of the USSR Acad. Sci.;

1989-1991: Head Scientist of the Kamchatka Division of Biotechnology of the Pacific Institute of Oceanography (Petropavlovsk-Kamchatsky City);

1995-1999: regional representative of the Russian Foundation for Basic Research, Government of the Russian Federation (Vladivostok); Associate Professor of the Far East State University (Vladivostok);

1991-1999: Leading Scientist of the Institute of Marine Biology, Far East Branch of Russian Academy of Sciences (Vladivostok);

Since 1999 up to now: Chief Research Worker of the Institute of Marine Biology, Far East Branch of Russian Academy of Sciences (Vladivostok).

**Testimony presented** 1994, 1997 and 2000: Russian Federation President's 3-year stipend as for Eminent scientist of Russia.

#### **A Leader of research projects:**

1980-1985: "Structure and functioning of coastal ecosystems of some regions of the Northwestern Pacific Ocean"(State finance within the framework of the WESTPAC international project);

1980-1985: " Investigations of bays and lagoons as possible sites for establishing mariculture farms" (State finance);

1986-1990: " Ecological monitoring of the Avachinskaya Inlet, Southeastern Kamchatka" (State finance);

1988-1991: " Historical biogeography and paleoclimatology of Neogene marine basins of the western part of the North Pacific mobile belt" (State finance);

1991: "Investigation on the benthos of the Northern Sakhalin lagoons in connection with oil and gas prospecting" (State finance);

1995: "Patterns of spatial and temporal variations in biodiversity of the biota and communities of the North Pacific shelf" (grant from the Soros' International Science Foundation);

1995-1997: "Faunogenetic biogeography of the Sea of Japan" (grant no. 95-04-11134 from the Russian Foundation for Basic Research);

1996-2000: "Biogeography and faunogenesis in the Northern Pacific Ocean" (State finance);

1998-2000: "Bivalve molluscs and Cenozoic history of the molluscan faunas of the North Pacific shelf" (grant no. 98-04-49168 from the Russian Foundation for Basic Research);

1998-1999: "Ecological condition in the area of Piltun-Astokhscoe oil-field, northeastern Sakhalin" ( on contract with Sakhalin Energy Investment Co., Ltd.).

**Membership**            Member of Russian Hydrobiological, Botanical and Paleontological Societies, member of the Palaeontological Society of Japan, President of the Russian Far East Malacological Society.

**Editorial**                Editor of 27 books on zoology, hydrobiology and paleontology. Member of Editorial Boards of journals " Marine Biology", Vladivostok, " Russian Hydrobiological Journal", St.- Petersburg, and «Marine Ecology - Progress Series», Oldendorf/Luhe, Germany. Editor-in-Chief of the "Bulletin of the Russian Far East Malacological Society".

**Convener**                All-Union meeting "Problems of Marine Biogeography", 1980, Vladivostok;  
  
The Second All-Union symposium on Marine Biology, 1982, Vladivostok;  
  
All-Russia Conference in malacological research in the Russian Far East, 1998, Vladivostok.

**Educational**            Delivered lectures on marine biology, general biogeography and population biology at the Geophysical Faculty and the Faculty of Biology and Soil Science of Far Eastern State University (associate professor); a course of lectures on the history of Russian literature at the Vladivostok Marine Trade College; chairman of the State Examination Commission of the Far Eastern State University; supervised scientific work of students and postgraduates.

**Field works**            1968-1971: inland basins of Central and West Caucasus and Carpathian Mountains; intertidal of Black Sea coast of Caucasus, USSR;

1972-1973: Azov Scientific-Research Institute of Fisheries expedition in Sea of Azov on R/V " Professor Vodyanitsky";

1974: Institute of Zoology, Azerbaijan Academy of Sciences expedition in southern Caspian Sea of R/V "Bakuvi";

1973, 1974: intertidal of Gulf of Finland, Baltic Sea;

1976-1986: round the years investigations on intertidal and upper subtidal of Possieta Bay, Sea of Japan;

1981, 1983: Institute of Marine Biology expeditions on coastal lagoons of Northeastern Sakhalin and intertidal of the Sea of Okhotsk;

1983: Institute of Marine Biology expedition on coastal lagoons of Southeastern Kamchatka and intertidal of the Kronotsky Gulf, Pacific Ocean;

1987-1990: round the years investigations on upper subtidal of the Avachinskaya Inlet, Southeastern Kamchatka;

1992: intertidal and inland basins of Southern and Middle California.

### **Overseas visits**

1992 (May-June): USA, research work in zoological and paleontological institutions of California;

1997 (October): Korea (Kyongju), participate in the International Conference on "Neogene Evolution of Pacific Ocean Gateways"

**Vital parameters** Male, Height 181cm, weight 79kg. Strong smoker. After insultus (stroke) in February 1993 have difficulties with mobility of left-hand hand and leg.

**Family** Married. Wife: Tatyana V. Kafanova, scientific researcher of the Pacific Institute of Bioorganic Chemistry, born in 1948. Son: Dmitry, the proprietor of legal firm under the international private sea right, born in 1970. Daughter: Elena, student of the Far East State University, born in 1979.

**Political activity.** Member of the "Yabloko" Union.

### **The main scientific papers**

1. Bessonov O.A., Spichak S.K. & Kafanov A.I., 1970. Interpopulation variability and spatial distribution of *Cardium edule* in the Sea of Azov. - Okeanologiya (Oceanology), vol. 10, no. 3, p. 529-537 (in Russian, English summary)

7. Kafanov A.I. & Starobogatov Ya.I., 1971. *Pettancylus petterdi* in the USSR and autointroduction of aquarial molluscs in natural water bodies of the USSR. - Zool. Zh. (Zool. J.), vol. 50, no. 6, p. 933-935 (in Russian, English summary)
8. Kafanov A.I. & Yazykova I.M., 1971. A contribution to epizootology of *Schistocephalus pungitii* (Ligulidae) in the Manych-Gudilo Lake. - ibid., vol. 50, no. 10, p. 1572-1574 (in Russian, English summary).
- Kafanov A.I., 1974. Composition, taxonomy and evolution of the group *Clinocardium* (Mollusca, Cardiidae). - ibid., vol. 53, no. 10, p. 1466-1476 (in Russian, English summary) .
12. Kafanov A. I., 1974. *Clinocardium californiense* ( Deshayes, 1839) (Mollusca: Cardiidae): proposed validation under the plenary powers. Z.N.(S.) 2073. - Bull. Zool. Nomencl., vol. 31, pt. 4, p. 238-239.
18. Kafanov A.I., 1975. On the interpretation of logarithmic spiral in connection with the analysis of variability and growth in bivalve molluscs. - Zool. Zh. (Zool. J.), vol. 54, no. 10, p. 1457-1467 (in Russian, English. summary)
20. Kafanov A.I., 1976. On the systematic position of Far East *Papyridea* (Bivalvia, Cardlidae). - Paleontol. Zh. (Paleontol. J.), no. 4, p. 110-112 (In Russian).
21. Scarlato O.A.& Kafanov A.I., 1976. Pre-Pliocene fauna of the Polar Basin and the problem of initial autochtony of euarctic genera. - Zool. Zh. (Zool. J.), vol. 55, no. 12, p. 1765-1772 (in Russian, English summary).
23. Kafanov A.I. & Popov S.V., 1977. On the system of Cenozoic Cardioidea (Bivalvia). - Paleontol. Zh. (Paleontol. J.), no. 3, p. 55-64 (in Russian)
24. Kafanov A.I., 1978. About the centers of origin and some features of ecological evolution of cold-water marine malacofaunas of the Northern Hemisphere. - Biologiya Morya ( Marine Biology, Vladivostok), no. 1, p. 3-9 (in Russian, English summary)
26. Kafanov A.I., 1978. Temperature variability of linear growth and life duration in six species of the subfamily Clinocardiinae Kafanov, 1975 (Mollusca, Cardiidae). - Zool. Zh. (Zool.J.), vol. 57, no. 10, p. 1480-1488 (in Russian, English summary).
27. Kafanov A.I., 1978. Systematics of the subfamily Laevicardiinae Keen, 1936 (Bivalvia: Cardiidae) - Malacol. Rev., vol. 11, p. 122-123.
37. Kafanov A.I., 1979. On the status of the Arctic marine biogeographic region (based on paleontological data). - In: E.V. Krasnov (ed.), Paleoecology of communities of marine

- invertebrates. Vladivostok, Far East Sci. Center of the USSR Acad. Sci., p. 100-129 (in Russian).
38. Kafanov A.I. 1979. On the ecological evolution of cold water shelf-inhabiting molluscan faunas of the Northern Hemisphere and the paleoclimatic significance of marine molluscs. - In: V. A. Krassilov (ed.), Evolutionary studies: parallelism and divergence. Vladivostok, Far East Sci. Center of the USSR Acad. Sci., p. 58-72 (in Russian).
39. Kafanov A.I., 1979. On conservatism and variability in growth temperatures of marine molluscan shells. - *Biologiya Morya* (Marine Biology, Vladivostok), no. 6, p. 59--69 (in Russian).
40. Kafanov A.I., 1979. On the status of *Gardium decoratum* (Bivalvia) and on the allied forms. - *Paleontol. Zh.* (Paleontol. J.), no. 4, p. 130-134 (in Russian).
41. Kafanov A.I. 1980. A contribution to the nomenclature of Azov-Black Sea Cardiidae (Bivalvia). - *Zool. Zh.* (Zool. J.), vol. 59, no. 4, p. 623-626 (in Russian, English summary)
42. Kafanov A.I., Kussakin O.G., Nesis K.N., Scarlato O.A. & Starobogatot Ya. I., 1980. A project of the Code of terminology and nomenclature of the zonatlon units in marine biogeography. Vladivostok, Far East Sci. Center of the USSR Acad. Sci., 23 pp. (in Russian)
43. Kafanov A.I., 1980. Systematics of the subfamily Clinocardiinae Kafanov, 1975 (Bivalvia, Cardiidae) - *Malacologia*, vol. 19, no. 2, p. 297-328.
48. Kafanov A.I. & Chepiga V.M., 1980. On the distribution of common macrozoobenthic forms in the intertidal zone of the western part of the Bering Sea and of the southeastern part of Kamchatka. - *Biologiya Morya* (Marine Biology, Vladivostok), no. 3, p. 39-49 (in Russian, English summary).
50. Kafanov A.I., 1981. On usage of paleoecological method in evolutionary reconstructions. - *ibid.*, no. 1, p. 75-84 (in Russian, English summary)
53. Kafanov A.I., 1981. Revision of the genus *Ciliatocardium* Kafanov, 1974 (Bivalvia, Cardiidae). - In: A.I. Kafanov (ed.), Systematics and chorology of Far Eastern bottom invertebrates. Vladivostok, Far East Sci. Center of the USSR Acad. Sci., p. 43-61 (in Russian).
54. Kafanov A.I. & Sukhanov V.V., 1981. On correlation between the number and size of taxa. - *Zh. Obsch. Biol.* (J. General Biol.), vol. 42, no. 3, p.345-350 (in Russian, English summary).
56. Kafanov A.I. 1981. Determination of paleotemperatures in Neogene marine basins by duration of marine molluscs' life. - *Biologiya Morya* (Marine Biology, Vladivostok), no. 5, p. 15-20 (in Russian, English summary)

58. Kafanov A.I. & Sukhanov V.V., 1981. Why are large genera so few? Vladivostok, Far East Sci. Center of the USSR Acad. Sci., 17 pp. (in Russian)
59. Kafanov A.I. & Savizky V.O., 1982. New and little known cardiid species from Paleogene-Neogene deposits of Sakhalin and Kamchatka. - Paleontol. Zh. (Paleontol. J.), no. 1, p. 39-45 (in Russian) .
61. Kafanov A.I., 1982. The Cenozoic history of the molluscan faunas of the North Pacific shelf. - In: O.G. Kussakin (ed.), Marine biogeography: topic, methods and principles of zoning. Moscow, "Nauka" Publ. House, p. 134-176 {in Russian; English version: Canad. Translat. Fish. Aquat. Sci., 1984, no. 5052).
62. Kafanov A.I. & Nesis K.N. Concluding remarks. - ibid, p. 300-306 (in Russian)
63. Kafanov A.I., 1982. Conservatism and growth temperature variability in marine molluscs shells: methodical and methodological aspects. - Biologiya Morya (Marine Biology, Vladivostok), no. 3, p. 58-64 (in Russian, English summary).
64. Kafanov A.I., & Savizky V.O., 1982. A review of Paleogene and Neogene *Ciliatocardium* (Bivalvia, Cardiidae) of Sakhalin. - Paleontol. Zh. (Paleontol. J.), no. 3, p. 53-61 (in Russian).
70. Kafanov A.I. & Fedotov P.A., 1982. Relationships between body length and body weight in some amphipod crustaceans (Amphipoda, Gammaridea) from the intertidal zone of Vityaz Bay (Posset Bay, Sea of Japan) - Biologiya Morya (Marine Biology, Vladivostok), no. 4, p. 12-19 (in Russian, English summary).
76. Kafanov A.I., 1983. *Macra sachalinensis* Schrenk, 1862 (Mollusca, Bivalvia): proposed conservation. Z.N. (S.) 2332. - Bull. Zool. Nomencl., vol. 40, pt. 2, p. 122-123.
78. Kafanov A.I., 1982 [1983]. Cenozoic molluscan faunas of the Northern Pacific: directions and the scope of migrations. - In: A.I.Kafanov & O.G. Kussakin (eds.), Fauna and hydrobiology of the shelf zones of the Pacific Ocean: Proc. XIV Pacific Sci. Congr., Khabarovsk. Vladivostok, Far East Sci. Center of the USSR Acad. Sci., p. 60-69 (in Russian) .
79. Kafanov A.I. & Savizky V.O., 1983. A review of Paleogene and Neogene *Laevicardium* (Bivalvia) of the Far East. - Paleontol. Zh. (Paleontol. J.), no. 2, p. 118-121 (in Russian).
80. Kafanov A.I. & Sukhanov V.V., 1983. A relation between temperature, the length of developmental period and the life span in poikilothermal animals: ecological-and-physiological interpretation. - Biologiya Morya (Marine Biology, Vladivostok) no. 5, p. 21-27 (in Russian, English summary)

82. Gladenkov Yu. B., Gladikova V.M., Kafanov A.I., Konova L.V., Krishtofovich L. V., Sinelnikova V. N., Popov S. V., 1984. Marine molluscs. - In: V.V. Menner (ed.), Atlas of fauna and flora of the Neogene sediments of the Far East: Tochilinski key section of Western Kamchatka. Moscow, "Nauka" Publ. House, p. 152-251, 307-324, pls. 27-65 (in Russian).
89. Kafanov A.I. & Tulin Yu.A., 1984. Some peculiarities of limpets (Gastropoda, Tecturidae) distribution and ecology on the intertidal zone of Vityaz Bay. - In: A.I. Kafanov (ed.), Hydrobiological investigations of Primorie bays and bights. Vladivostok, Far East Sci. Center of the USSR Acad. Sci., p. 42-45 (in Russian)
90. Kafanov A.I., Zhukov V.E. & Fedotov P.A., 1984. Composition and distribution of the amphipods (Amphipoda, Gammaridea) summer fauna on the intertidal zone of Vityaz Bay. - *ibid.*, p. 52-68 (in Russian)
94. Brovko P.F. & Kafanov A.I., 1985. Lithological-and-geomorphological conditions of development and intertidal zone types of the Nabil' Lagoon (Eastern Sakhalin). - In: A.I. Kafanov (ed.), Benthos and its existence conditions on the Sakhalin shelf zones. Vladivostok, Far East Sci. Center of the USSR Acad. Sci., p. 20-26 (In Russian).
96. Kafanov A.I., 1985. Growth and production of the bivalve mollusc *Macoma balthica* in the Nabil' Lagoon (Northeastern Sakhalin) - *Biologiya Morya* (Marine Biology, Vladivostok), no. 6, p. 23-31 (in Russian, English summary)
97. Kafanov A.I., 1986. Systematics and geological history of the subfamily Fortipectininae Masuda, 1963 (Bivalvia, Pectinidae) - In: A.I. Kafanov (ed.), Paleogene and Neogene bivalve molluscs of the Far East and the East Paratethys. Vladivostok, Far East Sci. Center of the USSR Acad. Sci., p. 18-46 (in Russian)
- Kafanov A.I. 1986. Two new species of *Mytilus* (Bivalvia, Mytilidae) from the Miocene deposits of Kamchatka and Pacific coast of North America. - *ibid.*, p. 107-109 (in Russian).
102. Kafanov A.I., 1986. Lagoons of the Far Eastern seas.- *Priroda* (Nature), no. 5, p. 34-42 (in Russian).
104. Kafanov A.I. 1986. Comparison of the geographical and stratigraphical ranges of Fortipectininae and Patinopectininae (Bivalvia: Pectinidae) - *Monogr. Mizunami Fossil Mus.*, no. 6, p. 23-40 (Japanese summary)



106. Kafanov A.I., 1987, The Willis "age and area" rule and latitudinal heterochrony of marine biota. - Zh. Obsch. Biol. (J. General Biol.), vol. 48, no. 1, p. 105-114 (in Russian, English summary)
109. Kafanov A.I., 1987. The subfamily Mytilinae Rafinesque, 1815 (Bivalvia, Mytilidae) in the Cenozoic North Pacific Ocean. - In: A.I. Kafanov (ed.), Fauna and distribution of molluscs: Northern Pacific and the Polar Basin. Vladivostok, Far East Sci. Center of the USSR Acad. Sci., p. 65-103 (in Russian).
110. Kafanov A.I. & Romeyko L.V., 1987. Morphometrical variability of mussels *Mytilus edulis* in the northwestern part of the Sea of Japan. - *ibid.*, p. 104-114 (in Russian).
111. Kafanov A.I., 1986 [1987]. Taxonomic position. - In: P.A. Motavkin (ed.), The Japanese scallop *Mizuhopecten yessoensis* (Jay). Vladivostok, Far East Sci. Center of the USSR Acad. Sci., p. 8-13 (in Russian).
115. Scarlato O.A. & Kafanov A.I., 1988. Contribution to the fauna of bivalve molluscs of the USSR Far East seas. - Zool. Zh. (Zool. J.), vol. 67, no. 6, p. 937-942 (in Russian, English summary).
119. Kafanov A.I. & Lysenko V.N., 1988. Biology of the sea grass *Zostera marina*. - In: A.I. Kafanov (ed.), Biota and communities of the Far Eastern seas: Lagoons and bays of Kamchatka and Sakhalin (WESTPAC Progr. 10C). Vladivostok, Far East Sci. Center of the USSR Acad. Sci., p. 93-113 (in Russian).
- Kafanov A.I., Andreeva V.V. & Samatov A.D., 1988. Species composition and diurnal dynamics of zooplankton in Semyachik Lagoon (Eastern Kamchatka). - *ibid.*, p. 155-169 (in Russian).
121. Kafanov A.I. & Lysenko V.N., 1988. Trophic resources of a *Zostera marina* community in Peter the Great Bay, Sea of Japan. - Biologiya Morya (Marine Biology, Vladivostok), no. 5, p. 24-30 (in Russian, English summary)
122. Kafanov A.I. & Zhukov V.E., 1988. Macrophytic algae from Vityaz Bay, Sea of Japan: the abundance and diversity of species in heterogeneous habitats. - Asian. Mar. Biol., vol. 5, p. 53-64.
128. Kafanov A.I., 1991. Shelf and continental slope bivalve molluscs of the Northern Pacific Ocean: A check-list. Vladivostok, Far East Branch of the USSR Acad. Sci., 200 pp. (in Russian)
129. Kafanov A.I., 1991 [1994]. Bivalve molluscs and faunistic biogeography of Northern Pacific. Vladivostok, Far East Branch of the Academy of Sciences of the USSR, 196 pp. (in Russian, English summary)

130. Kafanov A.I. & Lutaenko K.A., 1994. New data on the bivalve mollusc fauna of the North Pacific Ocean. I. The status of *Asaphis kussakini* Ivanova, 1985 (Psammobiidae) and *Patinopecten (Lohripecten)* Kafanov, 1991 (Pectinidae) - Ruthenica (Russian Malacological Journal), vol. 4, no. 1, pp. 39-42 (in Russian, English summary)
132. Kafanov A.I. & Zhukov V.E., 1991 [1994]. Two-parametric "species-area" models in marine geobotany. - In: A.I. Kafanov (ed.), Ecosystem Research: Coastal communities of Peter the Great Bay (WESTPAC/IOC) . Vladivostok, Far East Branch of the USSR Acad. Sci., pp. 59-67 (in Russian).
133. Kafanov A.I., 1994. The influence of species richness and abundance on measures of inclusion in the theoretical-and-graph analysis. - Izvestiya Akademii Nauk, Seriya biologicheskaya (Proceedings of Russian Academy of Sciences, Ser. Biol.), no. 3, pp. 428-434 (in Russian, English summary).
134. Kafanov A.I. & Zhukov V.E., 1991 [1994]. Coastal community of macrophytic algae in Possjet Bay (Sea of Japan): Seasonal variability and spatial structure. Vladivostok, "Dalnauka" Publ. House, 155 pp. (in Russian, English summary)
135. Arkhipova A.D., Brutman H.Ya., Zhidkova L.S., Ivan'shina L.P., Kafanov A.I., Korobkov A.I., Kuznetzova V.N., Moiseeva A.I., Popova L.A., Pronina I.G., Remizovsky V.I., Runeva N.P., Savizky V.O., Sal'nikov B.A., Utkina A. I., Shainyan S.Kh. & Sghmidt O.I. 1992 [1994]. Reference section of Paleogene-Neogene deposits of South-East Sakhalin (Makarov section). All-Russia Petroleum Scientific--Research Geological-Exploration Institute (VNIGRI), St.-Petersburg, 358 pp., 68 pls. (in Russian, English summary)
- Kafanov A.I. & Sukhanov V.V., 1995. Why there are large genera so few? - Zh. Obsch. Biol. (J. General Biology), vol. 56, no. 1, pp. 141-151.
141. Kafanov A.I., 1995. The percentage (Lyellian) method and differential extinction rate in the Neogene marine molluscs// Sixth International Congress on Pacific Neogene Stratigraphy and IGCP-355: Programme and abstract volume. Indonesian Association of Geologists, and Research and Development Centre for Geotechnology, PUSPIPTEK, Serpong, p. 72 [0.1 a.л.].
143. Kafanov A.I. & Savizky V.O., 1995. Paleogene Nuculanidae (Bivalvia) of South Sakhalin: Composition and distribution. - Bull. Mizunami Foss. Mus., N 22, p. 73-102.
148. Kafanov A.I. & Amano K. 1996. Status of *Cardium (Laevicardium) tristiculum* Yokoyama (Bivalvia, Cardiidae)// Bull. Mizunami Fossil Mus., N 23, pp. 29-33.

149. Kafanov A.I. & Fedotov P.A. 1997. Relation of demographic and production indices to zonal biogeographical characteristics of near-shore amphipod crustaceans of Possjeta Bay (Sea of Japan)// Zhurnal obshchey biologii (Journal of general biology), v. 58, N 1, pp. 102-120 (in Russian, English summary).
150. Kafanov A.I. & Lutaenko K.A., 1996. Primary homonymy of two species of the genus *Macoma* Leach, 1819 (Bivalvia, Tellinidae). - Bull. Mus. Malacol., Tokyo, v. 3, N 4, pp. 51-53.
152. Kafanov A.I. & Amano K. 1997. Japanese contribution to the Cenozoic marine Bivalvia paleontology of Sakhalin and Kurile Islands// Bull. Russ. Far East Malacol. Soc., v. 1, pp. 13-20.
154. Kafanov A.I. & Volvenko I.V. 1997. Bivalve molluscs and Cenozoic paleoclimatic events in the northwestern Pacific Ocean// Palaeogeography, Palaeoclimatology, Palaeoecology, v. 129, N 1-2, pp. 119-153.
157. Kafanov A.I. & Drozdov A.L. 1997. Comparative sperm morphology and phylogenetic classification of Recent Mytiloidea (Bivalvia)// Malacologia. V. 39, N 1-2. P. 127-137.
158. Kafanov A.I. 1997. The unity of the empirical and rational in cognition of biodiversity: a reply to I.Ya. Pavlinov et al. (1995)// Zhurnal obshchey biologii (J. General Biology). V. 58, N 4. P. 77- 91 (in Russian with English abstract).
159. Kafanov A.I. 1997. Recent and fossil *Papyridea* (Bivalvia: Cardiidae) of the World// Bull. Mizunami Fossil Mus., N 24, pp. 1-10, pls. 1-8.
160. Kafanov A.I. & Amano K. 1997. Check list of Cenozoic marine Bivalvia (Mollusca) of Sakhalin and Kurile Islands described by Japanese paleontologists during 1925-1990// Bull. Mizunami Fossil Mus., N 24, pp. 13-27, pl. 9.
161. Kafanov A.I., Danilin D.D. & Moshchenko A.V. 1997. Morphometrical analysis of taxonomical characteristics of bivalve mollusks of the genus *Macoma* - Russ. J. Mar. Biol., v. 23, N 6, pp. 298-307.
162. Kafanov A.I. & Lutaenko K.A. 1997. New data on the bivalve mollusc fauna of the North Pacific Ocean. 3. On some species of the subfamily Dosiniinae (Veneridae) - Ruthenica (Russian Malacological Journal), vol. 7, N 2, pp. 149-153 (in Russian with English summary).
163. Kafanov A.I. & Lutaenko K.A. 1997. New data on the bivalve mollusc fauna of the North Pacific Ocean. 4. *Acharax johnsoni* (Dall, 1891) (Solemyidae) in Russian Far East

- seas. - Ruthenica (Russian Malacological Journal), vol. 7, N 2, pp. 155-159 (in Russian with English summary).
165. Kafanov A.I. 1997. Lyell percentages and latitude patterns of extinction in Cenozoic marine biota. - Zhurnal obshchey biologii [Journal of General Biology], vol.58, N 6, pp. 46-63 (in Russian with English summary)
166. Kafanov A.I. 1998. New data on Cenozoic history of the Bering Strait. - Vestnik DVO RAN [Herald of Far East Branch, Russian Academy of Sciences], N 1. pp. 35-37 (in Russian with English summary).
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