

1.6. 3ebure (Zevina)

Galina Benizianovna Zevina February 12, 1926–September 24, 2002

Prof. Galina Zevina, a renowned marine biologist and authority on marine fouling and cirriped crustaceans (barna-

cles), died tragically in a traffic accident in Moscow where she was born G. B. Goiher in 1926. She is survived by her

husband, Leon, who gave her considerable help with translations and in writing to her English-speaking colleagues. While her childhood and youth suffered from the difficult years following the Russian Revolution and during the Second World War, interests in marine fouling and cirripeds became apparent during her student years, and she remained faithful to them for the rest of her life. Following graduation from the Department of Invertebrate Zoology of Moscow State University in 1949, she became a collaborator at the Institute of Oceanography of the Zoological Museum of Moscow State University and the Institute of Oceanology. During this period she had such notable supervisors as Academician L. A. Zenkevitch and Prof. N. I. Tarasov, and they had a strong influence on her career as a scientist and teacher.

In 1965 Galina Zevina returned to the Department of Invertebrate Zoology at Moscow State University where she taught for 33 years, and where she continued to work following her retirement in 1998. At the beginning of her scientific career, in the 1950s, she carefully studied different aspects of the marine fouling of ships and marine structures. During this period she collected and investigated a vast number of biological samples, largely from the seas of the former Soviet Union. She wrote about 20 papers dedicated to the problem of fouling, and many of these formed the basis for her Ph.D. (candidate) thesis, "The marine fouling of ships and hydrotechnical constructions in the Caspian Sea," which she defended in 1958.

At about the same time, Galina Zevina began investigations of cirriped crustaceans, and numerous works, including several monographs, resulted from them. All in all, she published more than 100 works, including seven monographs and supervised about 70 graduate and postgraduate students. Her contribution to cirriped systematics has been invaluable, and includes 100 new species, 22 genera, five subfamilies, and four families. There are three notable monographic works involving cirripeds: the "Cirriped crustaceans of the seas of the USSR" (Tarasov and Zevina, 1957) and two volumes involving pedunculate cirripeds of the world ocean. The first of these two volumes concerns the suborder Scalpellomorpha (Zevina, 1981c), and the second the Lepadomorpha, Iblomorpha, and Heteralepadomorpha (Zevina, 1982). These monographs stemmed from more than 30 years of study of samples collected by numerous Soviet oceanographic expeditions and investigations, and they remain the most complete coverage of the species and distributions of these cirriped suborders. In 1984 she defended her doctoral thesis "Cirriped crustaceans of the order Thoracica and their significance in the coenosis of fouling."

Many former students remember with a particular cordiality the beautiful lectures on marine biology conducted by Galina Zevina, and 10 Ph.D. theses were completed under her supervision. But extolling her scientific merits does not give a full portrait of such a truly remarkable person. She was exceptionally intelligent, sympathetic, and responsible, a delicate woman who could defend her scientific views and positions, and she not only defended her students' scientific concepts, she taught them how to defend them themselves.

Thus it is not surprising that she developed warm, personal working relationships with her students.

In spite of her scientific stature, Galena Zevina was without administrative ambitions and therefore never took a high administrative position, nor was she a member of the Communist Party. Yet she was one of the few Russian invertebrate specialists to form a scientific school in the former USSR. She always considered herself a member of the school of Academician L. A. Zenkevitch and did not officially form a school of marine fouling and cirripeds, nor did she obtain grants for the financing of this. But a school is defined by followers rather than financing, and numerous students of Galina Zevina consider themselves members of her school, while working successfully in different institutes in Moscow, St. Petersburg, Sebastopol, Vladivostok, Sydney, and other cities of the world.—G. A. Kolbasov, Department of Invertebrate Zoology (White Sea Biological Station), Biological Faculty, Moscow State University, Moscow 119899, Russia (kolbasov@soil.msu.ru); J. S. Buckeridge, Earth & Oceanic Sciences Research Institute, Auckland University of Technology, Private Bag 92006, Auckland, New Zealand; Jens T. Høeg, Department of Zoomorphology, University of Copenhagen, 15 Universitetsparken, DK 2100 Copenhagen, Denmark; W. A. Newman, Scripps Institution of Oceanography, La Jolla, California, 92093-0202, United States of America.

## CIRRIPED TAXA DESCRIBED BY GALINA ZEVINA (4 FAMILIES, 5 SUBFAMILIES, 22 GENERA AND 100 SPECIES)

Superorder Acrothoracica Weltneria tomlinsoni Zevina, 1991: 134 Superorder Thoracica Order Pedunculata Suborder Heteralepadomorpha Heteralepas adiposa Zevina, 1982: 120 H. alboplaculus Zevina and Kolbasov, 2000: 1275 H. fessa Zevina and Schreider, 1992: 43 H. fulva Zevina, 1982: 108 H. luridas Zevina, 1975a: 248 Paralepas hygrosomi Zevina, 1981a: 59 P. ichtiandri Zevina, 1983b: 1639 P. klepalae Kolbasov and Zevina, 1999: 391 P. nascai Zevina, 1990a: 175 Family Anelasmatidae Zevina, 1980b: 695 Family Microlepadidae Zevina, 1980b: 695 Family Rhizolepadidae Zevina, 1980b: 696 Rhizolepas gurjanovae Zevina, 1968b: 36 Suborder Lepadomorpha Family Oxynaspididae Oxynaspis michi Zevina, 1983b: 1636. Family Poecilasmatidae Megalasma (Glyptelasma) caudata Zevina, 1990a: 174 M. (G.) lanceata Zevina and Schreider, 1992: 42 M. (G.) tatjanae Zevina and Schreider, 1992: 40 Temnaspis kilepoae Zevina, 1968b: 38 T. lentis Zevina and Schreider, 1992: 45 Family Pagurolepadidae Zevina, 1980b: 695 Pagurolepas elongata Zevina and Kolbasov, 1997: 1001 P. utinomii Zevina and Kolbasov, 1997: 995 P. zhadani Zevina and Kolbasov, 1997: 996 Suborder Scalpellomorpha Family Calanticidae Zevina, 1978 (nom. trans. Calanticinae) Subfamily undetemined Genus Blastolepas Drushits and Zevina, 1969: 77 B. orlovi Drushits and Zevina, 1969: 77

Subfamily Calanticinae Zevina, 1978a: 1000

Calantica (?) moskalevi Zevina and Galkin, 1989: 134

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Genus Newmanilepas Zevina and Yakhontova, 1987: 1263 N. mirifica (Zevina, 1976a): 1152 Scillaelepas uschakovi Zevina, 1988b: 942 Family Scalpellidae Subfamily Brochiinae Zevina, 1978a: 1004 Subfamily Scalpellinae Genus Pteroscalpellum Zevina, 1978a: 1003 Genus Barbascalpellum Zevina, 1978a: 1003 Genus Compressoscalpellum Zevina, 1978a: 1003 C. smirnovi (Zevina, 1979): 1888 Genus Ornatoscalpellum Zevina, 1978a: 1003 Subfamily Meroscalpellinae Zevina, 1978b: 1343 Genus Alcockianum Zevina, 1978b: 1345 Genus Hamatoscalplellum Zevina, 1978b: 1345 Genus Meroscalpellum Zevina, 1978b: 1346 M. bifurcatum (Zevina, 1973b): 1003 M. birsteini (Zevina, 1973b): 1002 M. vinogradovae (Zevina, 1975c): 184 M. ultraabyssicolum (Zevina, 1977a): 99 Litoscalpellum eremus (Zevina, 1970): 259 L. glandulosum (Zevina, 1972a): 54 L. korotkevitshae (Zevina, 1968a): 89 L. levinsoni (Zevina, 1970): 265 L. nasutum (Zevina, 1972a): 59 L. obstitum Zevina, 1981b: 89 L. piliferum Zevina, 1983b: 1640 L. ursum Zevina, 1981c: 130 Gymnoscalpellum kurchatovi (Zevina, 1972a): 57 G. leoni (Zevina, 1968a): 90 Neoscalpellum profundale (Zevina, 1972a): 53 Annandaleum radji (Zevina, 1973b): 100 Subfamily Arcoscalpellinae Zevina, 1978b: 1346 Arcoscalpellum compositum (Zevina, 1975a): 245 A. floccidum (Zevina, 1975a): 247 A. gryllum Zevina, 1981b: 77 A. inum Zevina, 1981b: 80 A. kamenskae Zevina, 1990b: 81 A. mendeleevi Zevina, 1981b: 78 A. mironovi Zevina, 1981a: 57 A. orkneyi Zevina, 1993b: 122 A. sergi (Zevina, 1974): 211 Genus Amigdoscalpellum Zevina, 1978b: 1349 A. anaglypticum (Zevina, 1970): 268 A. corporatum (Zevina, 1974): 213 A. daschae Zevina, 1981b: 87 A. manum (Zevina, 1973a): 843 A. nesisi (Zevina, 1972a): 51 A. pushkini Zevina, 1979: 1889 A. svetlanae (Zevina, 1975a): 211 A. torbenwolffi Zevina, 1981b: 86 A. tortuosum (Zevina, 1975c): 190 A. vitjazi Zevina, 1981a: 56 Genus Anguloscalpellum Zevina, 1978: 1348 Genus Catherinum Zevina, 1978b: 1348 C. comatum (Zevina, 1973a): 846 C. kamchatica Zevina and Galkin, 1993: 147 C. theorassi (Zevina, 1975a): 242 C. tongum Zevina, 1981b: 84 C. tortilum (Zevina, 1973b): 1003 Genus Diceroscalpellum Zevina, 1978b: 1348 Genus Pilsbryiscalpellum Zevina, 1978b: 1348 Genus Planoscalpellum Zevina, 1978b: 1347 P. limpidus (Zevina, 1976a): 1152 Genus Tarasovium Zevina, 1978b: 1347 Genus Teloscalpellum Zevina, 1978b: 1350 T. argenteum (Zevina, 1973a): 845 T. fedikovi (Zevina, 1975a): 235 T. pasternakae (Zevina, 1972a): 56 T. spicatum (Zevina, 1975a): 237 Genus Trianguloscalpellum Zevina, 1978b: 1349 T. eugeniae (Zevina, 1974): 14 T. pilosum (Zevina, 1975a): 233 Genus Verum Zevina, 1978b: 1348 V. alascensis (Zevina, 1973c): 138

V. zenkevitchi (Zevina, 1972a): 44 Genus Weltnerium Zevina, 1978b: 1347 W. campestrum (Zevina, 1975c): 186 W. lydiae (Tarasov and Zevina, 1957): 135 W. speculum (Zevina, 1975c): 188 Subfamily Scalpellopsinae Zevina, 1978a: 1004 Order Sessilia Suborder Verrucomorpha Family Verrucidae Altiverruca angustiterga Zevina, 1987c: 1815 A. aves (Zevina, 1975a): 250 A. beringiana Zevina and Galkin, 1992: 140 A. galapagossa Zevina, 1987c: 1814 A. galkini Zevina, 1990b: 84 A. gira (Zevina, 1987b): 1307 A. longa Zevina, 1988a: 33 A. mollae Zevina, 1990a: 182 A. sculpturata Zevina, 1987c: 1819 A. sublima Zevina, 1987c: 1817 A. tchesunovi Zevina, 1988a: 35 A. vitrea Zevina, 1988a: 31 Genus Brochiverruca Zevina, 1993a: 9 B. margulisae Zevina, 1993a: 10 Metaverruca lepista (Zevina, 1987b): 1308 M. pallida Zevina, 1990a: 180 M. seriola (Zevina, 1987b): 1310 M. tarasovi (Zevina, 1971a): 439 Rostratoverruca malevichi Zevina, 1988a: 37 Genus Spongoverruca Zevina, 1987c: 1813 Suborder Balanomorpha Family Chthamalidae Chthamalus permitini Zevina and Litvinova, 1970: 178 C. belayaevi Zevina and Kurshakova, 1973: 187 Family Balanidae Balanus amphitrite vladivostokensis Tarasov and Zevina, 1957: 184

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