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Г. Б. Зевина (Zevina)

Galina Benizianovna Zevina
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Prof. Galina Zevina, a renowned marine biologist and authority on marine fouling and cirriped crustaceans (barnacles), 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

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
Balanus a. columnarius Tarasov and Zevina, 1957: 184
Balanus a. kondakovi Tarasov and Zevina, 1957: 191

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