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A PRELIMINARY LIST OF CHIRONOMIDAE (DIPTERA) OF THE PRIMORYE TERRITORY (RUSSIAN FAR EAST)

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The two hundred twenty five species of Chironomidae (Diptera) belonging to 96 genera from 6 subfamilies from Primorye Territory are listed. Fifty four species are distributed in Palaearctic and 31 species occur in Holarctic. Two Nearctic species, *Rheocricotopus chalybeatus* (Edwards) and *R. eminellobus* (Saether), are recorded for Palaearctic region for the first time. Seven species are distributed only in Japan and Primorye Territory, and are recorded for Russia for the first time. Three species are collected in the Far East for the first time too.

KEY WORDS: Diptera, Chironomidae, faunistics, Primorye Territory.

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Для водоемов и водотоков Приморского края приведен список из 225 видов и форм хирономид, относящихся к 96 родам 6 подсемейств. Пятьдесят четыре вида с палеарктическим и 31 вид с голарктическим ареалами. Два вида, *Rheocricotopus chalybeatus* (Edwards) и *R. eminellobus* (Saether), ранее были

известны только из Северной Америки и для Палеарктики указываются впервые. Семь видов распространены лишь в Японии и Приморском крае и для фауны России приводятся впервые. Также, 3 вида хирономид впервые собраны на территории Дальнего Востока.

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INTRODUCTION

Up to the middle 1970, the data on taxonomy and fauna of Chironomidae from Primorye Territory were absent. As soon as an information about of the chironomid larvae in Khanka Lake basin was recorded (Konstantinov, 1952), but these larvae were determined only to the genera or the group of species.

During last twenty years we studied chironomid taxonomy with identification of immature stages and adults, published a series of papers with descriptions of new species from the Primorye, and produced the lists of species for some parts of this territory (Levanidova et al, 1977; Makarchenko, 1977a, 1977b, 1980, 1984, 1985, 1987, 1988, 1991, 1995; Vshivkova et al, 1992).

For present review we compiled, revised and specified all data on chironomids of Primorye Territory which were known in a literature and were obtained by us during examination of material deposited in the Laboratory of Freshwater Hydrobiology of Institute of Biology and Pedology (Vladivostok), and which was collected by staff of this laboratory (Drs. I.M. Levanidova, T.S. Vshivkova, T.M. Tiunova, V.A. Teslenko, T.I. Arefina, L.A. Medvedeva) and by authors. Some specimens we received from Dr. L.A. Zhiltzova (Zoological Institute, St-Petersburg).

Sampling locations of Chironomidae are shown in Fig. 1. Unfortunately, not all chironomid specimens were determined up to the present time and taxonomy of some species was not studied completely. Therefore we consider this chironomid list as a preliminary one.

CONCLUSION

The preliminary list of the chironomids of the Primorye Territory accounts 225 taxa of the adults and the larval forms belonging to 96 genera from 6 subfamilies. Fifty three species from Tumannaya River basin, 17 - from Narva River, 71 - from Kedrovaya R.iver, 28 - from Barabashevka River, 32 - from islands of Marine nature reserve, 33 - from Razdolnaya River, 58 - from Komarovka River, 22 - from Artemovka and Knevitchanka rivers, 20 - from Muraviev-Amursky Peninsula, 35 - from Frolovka River, 34 - from Avvakumovka River, 38 - from Edinka River, 43 - from Botchi River, 20 - from Komissarovka River, 15 - from Ilistaya and

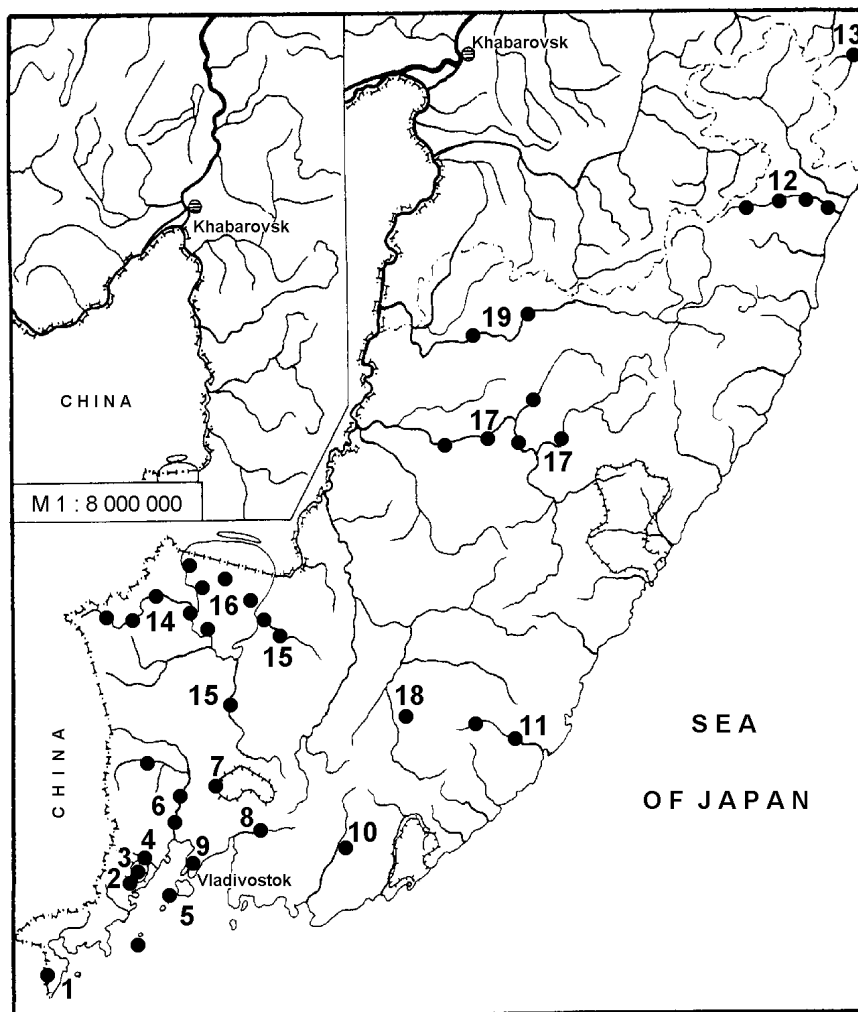


Fig. 1. Sampling locations of Chironomidae in Primorye Territory:
 1 - Tumannaya River basin, 2 - Narva River, 3 - Kedrovaya River basin, 4 - Barabashevka River, 5 - islands of Marine Nature Reserve, 6 - Razdolnaya River, 7 - Komarovka River, 8 - Artemovka River and Knevitchanka River, 9 - streams of the Muraviev-Amursky Peninsula, 10 - Frolovka River, 11 - Avvakumovka River, 12 - Edinka River, 13 - Botchi River, 14 - Komissarovka River, 15 - Ilistaya River and Spassovka River, 16 - Khanka Lake, 17 - Bolshaya Ussurka River basin, 18 - Pravaya Sokolovka River basin, 19 - Bikin River.

LIST OF THE CHIRONOMIDAE OF THE PRIMORYE TERRITORY

Taxa	Rivers and Lakes																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Subfamily Podonominae																			
1. <i>Boreochlus</i> sp.	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2. <i>B. thienemanni</i> Edw.	-	-	+	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
3. <i>Linevitshia prima</i> Makar.	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
4. <i>Trichotanyptus posticalis</i> (Lund.)	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Subfamily Tanypodinae																			
5. <i>Ablabesmyia</i> sp.	-	-	-	-	+	-	-	-	-	-	-	-	-	-	+	-	-	-	-
6. <i>Anatopynia ? plumipes</i> (Fries)	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	+	-	-	-
7. <i>Arctopelopia</i> sp.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8. <i>Climotanyptus nervosus</i> Mg.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
9. <i>Conchapelopia</i> sp.	-	-	-	-	+	-	-	+	-	-	+	-	-	+	-	-	-	-	-
10. <i>Derotanyptus sibiricus</i> (Krugl.)	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11. <i>Macropelopia paranebulosa</i> F.	-	+	+	+	-	-	+	-	-	-	-	-	-	-	-	-	+	-	-
12. <i>Meropelopia</i> sp.	-	-	-	-	-	+	+	+	-	-	-	+	-	-	-	-	-	-	-
13. <i>Nilotanyptus</i> sp.	-	-	-	-	-	+	+	+	-	-	-	-	-	-	-	-	-	-	-
14. <i>Procladius choreus</i> Mg.	+	-	-	+	-	-	+	+	+	-	-	-	-	-	+	-	+	-	-
15. <i>P. ferrugineus</i> K.	-	-	+	-	-	-	-	+	+	-	-	-	-	-	-	-	+	-	-
16. <i>Rheopelopia</i> sp.	-	-	+	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
17. <i>R. gr. ornata</i>	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
18. <i>Thienemannimyia</i> gr. <i>lentiginosa</i>	-	+	+	+	-	-	+	+	-	+	+	+	-	-	-	-	+	-	+
19. <i>Telmatopelopia</i> sp.	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20. <i>Trissopelopia</i> sp.	-	-	+	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-

Taxa	Rivers and Lakes																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
21. <i>Zavrelimyia</i> sp.	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
Subfamily Diamesinae																			
22. <i>Arctodiamesa</i> sp. Makar.	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
23. <i>Boreoheptagyia</i> ? <i>rugosa</i> (S.)	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
24. <i>B. brevitarsis</i> (Tok.)	-	-	+	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
25. <i>Diamesa gregsoni</i> Edw.	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
26. <i>D. Incallida</i> (Walk.)	-	-	+	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
27. <i>D. leona</i> Rob.	-	+	+	+	-	-	+	-	-	-	-	+	-	-	-	-	+	-	-
28. <i>D. tsutsuii</i> Tok.	-	+	+	+	-	-	-	-	-	+	-	-	+	-	-	-	+	-	-
29. <i>D. vernalis</i> Makar.	-	+	+	+	-	-	-	-	+	+	-	+	-	-	-	-	-	-	-
30. <i>D. zernyi</i> Edw.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
31. <i>Lappodiamesa multisetata</i> Mak.	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
32. <i>Lappodiamesa</i> sp.	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33. <i>L. willasseni</i> Makar., Kerkis	-	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34. <i>Pagastia lanceolata</i> (Tok.)	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
35. <i>P. orientalis</i> (Tshern.)	-	+	+	+	-	-	+	-	-	+	+	+	+	+	-	-	+	+	+
36. <i>Pothastia longimana</i> K.	-	-	-	-	-	-	+	-	-	-	-	+	-	-	-	-	+	-	-
37. <i>P. montium</i> Edw.	-	-	+	-	-	-	+	-	-	+	-	-	+	+	-	-	+	-	-
38. <i>Pothastia</i> sp.	-	-	-	-	-	-	-	-	+	-	+	-	-	-	-	-	-	-	-
39. <i>Protanypus caudatus</i> Edw.	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
40. <i>Pseudodiamesa</i> sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
41. <i>P. branickii</i> (Now.)	-	-	-	-	-	-	-	-	-	+	-	+	-	-	-	-	+	-	-
42. <i>P. stackelbergi</i> (G.)	-	-	+	-	-	-	-	-	-	-	-	-	+	-	-	-	+	-	-
43. <i>Sympothastia fulva</i> (Joh.)	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-

Taxa	Rivers and Lakes																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
44. <i>S. repentina</i> Makar.	-	+	-	+	-	-	+	+	-	-	-	+	-	+	-	-	+	-	-
45. <i>Sympotthastia</i> sp.	-	-	-	-	-	-	-	-	-	-	+	-	+	-	-	-	+	-	-
46. <i>S. takatensis</i> (Tok.)	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
47. <i>Syndiamesa yosiii</i> Tok.	-	-	+	+	+	-	-	-	-	+	-	-	-	-	-	-	-	-	-
Subfamily Prodiamesinae																			
48. <i>Monodiamesa</i> gr. <i>bathyphila</i>	-	-	+	-	-	-	-	-	+	-	-	-	-	-	-	+	-	-	-
Subfamily Orthoclaadiinae																			
49. <i>Brillia flavifrons</i> (Joh.)	-	-	+	-	-	+	+	-	-	+	+	+	-	+	-	-	-	-	-
50. <i>Chaetocladus</i> gr. <i>dentiforceps</i>	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
51. <i>C.</i> gr. <i>vitellinus</i>	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
52. <i>Chaetocladus</i> sp.	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
53. <i>Corynonura scutellata</i> Winn.	+	-	+	-	+	+	+	-	-	-	-	-	+	-	-	-	+	-	-
54. <i>Cricotopus</i> (s.str.) gr. <i>bicinctus</i>	+	-	-	-	-	+	+	+	-	-	-	+	-	-	-	-	-	+	-
55. <i>C.</i> (s.str.) gr. <i>tremulus</i>	-	-	-	-	-	+	-	-	-	-	-	+	-	-	-	-	-	-	-
56. <i>C.</i> (s.str.) gr. <i>trifascia</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
57. <i>C. (Isocladus)</i> gr. <i>intersectus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58. <i>C. (I.)</i> gr. <i>obnixus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
59. <i>C. (I.)</i> gr. <i>sylvestris</i>	+	-	-	-	+	+	+	-	-	-	-	-	-	-	-	+	-	-	-
60. <i>C. (Nostococladus)</i> sp.	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
61. <i>Cricotopus</i> sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
62. <i>Diplocladus cultriger</i> K.	-	+	+	+	-	-	-	-	-	+	+	-	-	+	-	-	-	-	-
63. <i>Epoicocladus ephemeræ</i> K.	-	-	+	-	-	+	+	-	-	-	-	-	-	-	+	-	+	-	-
64. <i>Eukiefferiella atrofasciata</i> G.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
65. <i>E.</i> gr. <i>brehmi</i>	-	+	+	-	-	-	+	-	+	-	+	-	-	-	-	-	+	-	-

Taxa	Rivers and Lakes																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
66. <i>E. gr. cyanea</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	+	-	-
67. <i>E. gr. claripennis</i>	+	+	+	+	+	-	+	-	-	+	+	-	-	+	-	-	+	-	-
68. <i>E. gr. devonica</i>	-	-	+	-	-	-	+	-	-	-	+	-	-	-	-	-	+	-	-
69. <i>E. gr. graciei</i>	-	-	+	-	-	-	-	+	-	-	+	-	-	-	-	-	+	-	-
70. <i>Eukiefferiella</i> sp.	-	-	-	-	-	-	-	-	-	+	-	-	+	-	-	-	-	-	-
71. <i>Euryhapsis</i> sp.	+	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	+	-	-
72. <i>E. subviridis</i> (Siebert)	-	-	-	-	-	-	+	-	+	-	-	+	-	-	-	-	-	-	-
73. <i>Heleniella ornaticolis</i>	-	-	+	-	-	-	+	-	+	-	-	-	-	-	-	-	-	-	-
74. <i>Heterotrissocladus gr. marcidus</i>	-	-	+	-	+	-	+	-	-	-	+	-	-	-	-	-	+	-	-
75. <i>H. gr. subpilosus</i>	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
76. <i>Hydrobaenus gr. conformis</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
77. <i>H. gr. lapponicus</i>	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
78. <i>H. gr. pilipes</i>	+	-	-	-	-	-	+	-	-	-	-	-	-	-	-	+	-	-	-
79. <i>Hydrobaenus</i> sp.	-	+	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
80. <i>Krenosmittia camptophleps</i> (E.)	-	-	+	+	-	-	+	-	-	-	+	-	+	-	-	-	-	-	-
81. <i>Limnophyes gr. prolongatus</i>	-	-	+	-	-	-	-	-	-	+	-	-	+	-	-	-	-	-	-
82. <i>Limnophyes</i> sp.	-	-	-	-	+	-	+	-	+	-	+	-	-	-	-	-	+	-	-
83. <i>Metricnemus fuscipes</i> Mg.	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
84. <i>M. gr. hygropericus</i>	-	-	-	-	+	-	+	-	-	-	-	+	-	-	-	-	-	-	-
85. <i>Nanocladus bicolor</i> (Zett.)	-	-	+	-	-	+	+	-	-	-	-	-	+	-	-	-	+	-	-
86. <i>N. gr. parvulus</i>	+	-	-	-	+	+	-	-	-	-	-	-	-	-	-	+	-	-	-
87. <i>Nanocladus</i> sp.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
88. <i>N. ? downesi</i> St.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
89. <i>Oliveridia tricornis</i> (Oliver)	-	+	+	-	-	-	+	-	-	-	+	-	-	-	-	-	-	-	-
90. <i>Orthocladus (Eudacyclocladus)</i> sp.	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Taxa	Rivers and Lakes																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
91. <i>O. (Euorthocladius) sp.1</i>	-	-	+	-	-	-	+	-	-	-	-	+	-	-	-	-	-	-	+
92. <i>O. (E.) saxosus</i> Tok.	-	+	+	+	-	-	+	-	+	+	+	+	-	-	-	-	+	+	-
93. <i>O. gr. olivaceus</i>	-	+	+	+	-	-	-	-	-	-	+	-	-	-	-	-	-	+	-
94. <i>O. gr. saxicola</i>	-	-	+	+	-	-	+	+	+	-	-	-	+	+	-	-	+	-	-
95. <i>O. (Orthocladius) sp.2</i>	-	-	+	-	-	-	+	-	-	-	-	+	-	-	-	-	-	-	-
96. <i>Orthocladius sp.</i>	-	-	+	-	-	-	+	+	+	+	-	+	+	+	-	+	+	-	-
97. <i>Orthocladius sp.3</i>	-	-	+	-	-	-	+	-	-	-	-	+	-	-	-	-	-	-	+
98. <i>Parachaetocladius sp.</i>	-	-	-	-	-	-	+	-	-	-	-	-	-	+	-	-	+	-	-
99. <i>Paracladius conversus</i> (Wal.)	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100. <i>Paracricotopus sp.</i>	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
101. <i>Parakiefferiella triquetra</i> (P.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
102. ? <i>Parakiefferiella sp.</i>	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	+	-	-
103. <i>Parametriochnemus sp.</i>	-	-	-	-	-	-	-	-	-	+	-	-	+	-	-	-	+	-	-
104. <i>P. borealpinus</i> Gow.	-	-	+	-	-	-	-	-	-	-	+	-	-	-	-	-	+	-	-
105. <i>P. stylatus</i> (K.)	-	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-
106. <i>Parorthocladius sp.</i>	-	-	+	-	-	-	-	-	-	+	+	+	+	-	-	-	+	-	-
107. <i>Propsilocerus sp.</i>	+	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
108. <i>Psectrocladius sp.</i>	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
109. <i>P. gr. barbimanus</i>	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
110. <i>P. gr. dilatatus</i>	-	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-	-	-
111. <i>P. gr. psilopterus</i>	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	+	-	-
112. <i>Pseudosmittia terrestris</i> (G.)	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
113. <i>Rheocricotopus effusus</i> (Wal.)	-	-	-	-	-	-	-	-	-	+	+	+	-	-	-	-	-	-	-

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Taxa	Rivers and Lakes																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
114. <i>R. chalybeatus</i>	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
115. <i>R. eminellobus</i> (Saether)	-	-	+	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
116. <i>R. pauciseta</i> (Saether)	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
117. <i>Rheocricotopus</i> sp.	-	-	+	-	-	+	-	-	-	-	+	-	-	-	+	-	-	-	-
118. <i>R. ? fuscipes</i> (K.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
119. <i>Rheosmittia</i> sp.	-	-	+	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
120. <i>Smittia</i> sp.	-	-	-	-	-	-	-	-	-	+	-	-	+	-	-	-	-	-	-
121. <i>Stilocladus</i> sp.	-	+	+	-	+	+	-	+	+	+	-	-	+	-	-	-	-	-	-
122. <i>Symptocladus lignicola</i> (K)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
123. <i>Synorthocladus semivirens</i>	+	-	+	-	-	-	-	-	-	+	+	-	+	-	-	-	+	-	-
124. <i>Thienemanniella</i> sp.	+	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
125. <i>T. gr. clavicornis</i>	+	-	-	-	-	+	+	-	-	+	+	-	-	-	-	-	-	-	+
126. <i>T. acuticornis</i> (K.)	-	-	-	-	-	-	+	-	-	-	-	-	+	-	-	-	-	-	-
127. <i>Tvetenia</i> gr. <i>bavarica</i>	+	+	+	-	-	+	+	-	-	+	+	+	+	+	-	-	+	-	+
128. <i>T. gr. discoloripes</i>	-	-	-	-	-	+	-	+	-	+	-	+	-	-	-	+	+	-	-
Subfamily Chironominae																			
129. <i>Camptochironomus tentans</i> F.	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130. <i>C. biwajirinus</i> Sasa, Kaw.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
131. <i>Chironomus plumosus</i> (Lin.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
132. <i>C. borokensis</i> Kerkis et al.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
133. <i>C. novosibiricus</i> Kiknadze et al.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
134. <i>C. ? tuvanicus</i> Kiknadze et al.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135. <i>Cladopelma edwardsi</i> (Krus.)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
136. <i>C. onogawajirina</i> Sasa	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-

Taxa	Rivers and Lakes																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
137. <i>C. viridula</i> (Linnaeus.)	+	-	-	-	+	-	-	-	-	-	-	-	-	-	-	+	-	-	-
138. <i>Cladotanytarsus</i> sp.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
139. <i>C. sp. N 7</i> (Zvereva)	-	-	+	-	-	+	+	-	-	-	-	-	-	-	-	-	-	-	-
140. <i>C. gr. mancus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
141. <i>Constempellina</i> sp.	-	-	+	-	-	-	-	-	-	+	-	-	+	-	-	-	-	-	-
142. <i>C. brevicosta</i> Edw.	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	+	-
143. <i>Cryptochironomus</i> sp.	-	-	-	-	-	+	+	+	-	-	-	+	-	-	-	-	-	-	-
144. <i>C. aff. aneprius</i>	-	-	-	-	-	-	+	-	-	-	+	-	+	-	-	-	-	-	-
145. <i>C. gr. defectus</i>	+	-	-	-	-	+	-	+	-	-	-	-	-	-	-	-	-	-	-
146. <i>C. ussuriensis</i> (Tshern.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
147. <i>C. aff. vytshegdae</i> Zvereva	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
148. <i>Cryptotendipes</i> sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
149. <i>Demeijerea rufipes</i> Linn.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
150. <i>Demicryptochironomus</i> <i>? fustigatus</i> Townes	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
151. <i>D. gr. vulneratus</i> (Zett.)	-	-	+	-	-	+	+	-	-	+	-	-	-	+	-	+	-	-	-
152. <i>Dicrotendipes inoue</i> Hash.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
153. <i>D. modestus</i> (Say)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
154. <i>D. nervosus</i> (Staeger)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
155. <i>Dicrotendipes</i> sp.	+	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	+	-	-
156. <i>D. pelochloris</i> (K.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
157. <i>D. tritonus</i> (K.)	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
158. <i>Einfeldia carbonaria</i> (Mg.)	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	+	-	-	-
159. <i>E. dissidens</i> (Walker)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Taxa	Rivers and Lakes																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
160. <i>Einfeldia</i> sp.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
161. <i>Endochironomus impar</i> (W.)	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
162. <i>E. tendens</i> (Fabr.)	-	-	-	-	+	-	+	-	-	-	-	-	-	-	-	-	+	-	-
163. <i>Glyptotendipes glaucus</i> (Mg.)	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	+	-	-	-
164. <i>G. gripekoventi</i> (K.)	+	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
165. <i>G. pallens</i> (Mg.)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
166. <i>G. paripes</i> (Edw.)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
167. <i>G. varipes</i> (G.)	-	-	-	-	+	-	-	+	-	-	-	-	-	-	-	-	-	-	-
168. <i>Harnischia fuscimana</i> K.	-	-	-	-	-	+	-	-	-	+	-	-	-	-	-	+	-	-	-
169. <i>H. japonica</i> Hashimoto	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
170. <i>Lauterborniella agrayloides</i> K.	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
171. <i>Lipiniella moderata</i> Kalugina	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
172. <i>Lipiniella</i> sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
173. <i>Microchironomus</i> sp.	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
174. <i>Microsectra</i> sp.	-	-	+	-	-	-	-	-	+	+	-	+	-	-	-	-	+	-	-
175. <i>Microtendipes pedellus</i> (Geer)	-	-	+	-	-	+	-	-	-	-	-	-	-	-	-	-	+	-	-
176. <i>M. tarsalis</i> (Walk.)	-	-	+	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-
177. <i>Neozavrelia</i> sp.	-	-	+	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-
178. <i>Pagastiella</i> sp.	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
179. <i>Parachironomus arcuatus</i> (G.)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
180. <i>P. monochromus</i> (Wulp)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
181. <i>P. parilis</i> (Walker)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
182. <i>P. varus</i> (G.)	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
183. <i>Parachironomus</i> sp.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Taxa	Rivers and Lakes																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
184. <i>Paracladopelma camptolabis</i> K.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
185. <i>P. laminata</i> (K.)	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
186. <i>P. nereis</i> (Townes)	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
187. <i>Paracladopelma</i> sp.	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
188. <i>Paratanytarsus ? confusus</i> Pal.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
189. <i>Paratanytarsus</i> sp.	-	-	+	-	-	-	+	-	-	-	-	-	-	-	-	-	+	-	-
190. <i>Paratendipes albimanus</i> (Mg.)	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
191. <i>P. intermedius</i> (Tshern.)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
192. <i>Pentapeditium sordens</i> (Wulp)	-	-	-	-	+	-	-	-	-	-	-	-	-	-	+	-	-	-	-
193. <i>P. unagitertium</i> (Sasa)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
194. <i>Phenopsectra flavipes</i> (Mg.)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
195. <i>Polyepeditium (P.) albicorne</i> (Mg.)	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
196. <i>P. (P.) convictum</i> (Walk.)	+	-	+	+	+	+	+	+	-	+	+	+	+	-	+	+	+	-	-
197. <i>P. (P.) japonicum</i> (Tok.)	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
198. <i>P. (P.) cultellatum</i> G.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
199. <i>P. (P.) nubeculosum</i> (Mg.)	+	-	-	-	+	-	-	-	-	-	-	-	-	+	-	-	-	-	-
200. <i>P. (P.) pedestre</i> (Mg.)	-	-	+	-	-	-	-	-	-	-	-	+	+	-	-	-	-	-	-
201. <i>P. (s.str.)</i> N3 Lipina	-	-	+	-	-	+	-	+	-	-	+	+	+	-	-	-	+	-	-
202. <i>P. (Tripodura) bicrenatum</i> K.	-	-	-	-	-	+	+	-	-	-	-	-	-	+	+	+	+	-	-
203. <i>P. (T.) scalaenum</i> Schr.	+	-	-	-	-	+	-	-	-	-	-	-	-	-	+	+	-	-	-
204. <i>P. (T.) tamahinoense</i> Sasa, Ichi.	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
205. <i>Robackia demeijerei</i> (Krus.)	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
206. <i>R. pilicauda</i> Saether	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
207. <i>Robackia</i> sp.	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-

Taxa	Rivers and Lakes																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
208. <i>Rheotanytarsus</i> sp.	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	-
209. <i>Sergentia longiventris</i> K.	-	-	-	+	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
210. <i>Segritia</i> sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
211. <i>Stempellina almi</i> Brundin	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	+	-
212. <i>Stempellina</i> sp.	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
213. <i>Stempellinella minor</i> (Edw.)	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
214. <i>Stempellinella</i> sp.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
215. <i>Stictochironomus</i> sp.	+	-	+	-	+	+	+	-	-	-	+	+	-	+	+	+	+	+	-
216. <i>S. «connectens N2»</i> Lipina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
217. <i>Tanytarsus</i> gr. <i>mancus</i>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-
218. <i>T. gr. mentax</i>	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
219. <i>Tanytarsus</i> aff. <i>pallidicornis</i>	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
220. <i>T. pseudolestagei</i> Shilova	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-
221. <i>Tanytarsus</i> sp.	+	-	+	+	-	+	-	-	-	-	-	-	-	-	+	-	+	-	-
222. <i>Tanytarsus</i> sp.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
223. <i>T. usmaensis</i> Pag.	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
224. <i>T. ? veralli</i> G.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
225. <i>Zavrelia pentatoma</i> K.	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-
Total	53	17	71	28	32	33	58	22	20	35	34	38	43	20	17	29	59	13	5

Remarks. The following abbreviations are used throughout the list of species: gr. - group of species, « + » - species is presented, « - » - species is not found. Another abbreviations are the same as in Fig. 1.

Spassovka rivers, 29 - from Khanka Lake basin, 59 - from Bolshaya Ussurka River, 13 - from Pravaya Sokolovka River basin and 5 species from Bikin River are recorded.

Fifty four species are distributed in Palaearctic and 31 species occur in Holarctic. Two species, *Rheocricotopus chalybeatus* (Edwards) and *R. eminellobus* (Saether), were known before only from the North America and here are recorded for Palaearctic region for the first time.

Several species have restricted distribution. Genus *Linevitshia* Makar. with a single species *L. prima* Makar. was described upon male from the upper reaches of the Frolovka River (Makarchenko, 1987). Likewise, *Lappodiamesa willasseni* Makar. et Kerkis is known only from the type locality (Narva and Barabashevka rivers) (Makarchenko, Kerkis, 1991). *Lappodiamesa multiseta* Makar. was described from Komissarovka River (Makarchenko, 1995) and later was found in China (Liaoning Province) (Makarchenko, 1996). Seven species, *Camptochironomus biwaprimus* Sasa et Kaw., *Cladopelma onogawaprima* Sasa, *Dicrotendipes inouei* Hash., *Harnischia japonica* Hash., *Pentapedilum unagitertium* (Sasa), *Polypedilum japonicum* (Tok.) and *P. tamakinoense* Sasa et Ichi., are distributed only in Japan and Primorye Territory, and are recorded for Russia for the first time. Three species, *Chironomus borokensis* Kerkis, *C. novosibiricus* Kiknadze and *Lipiniella moderata* Kalug., are collected in the Far East for the first time too.

It is necessary to take notice that many species of chironomids from Primorye Territory are represented only by the larvae. The taxonomy of chironomids in the region is needs of considerable study. It is expected that future researches will make clear the life history of the little known species and the relations between larvae and adults of them.

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