

## A check-list of Latvian Porricondylinae (Diptera, Cecidomyiidae) with notes on new records

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**Abstract:** In total, 129 species of the subfamily Porricondylinae are known in Latvia. Of them seven species are listed in Latvia for the first time.

**Key words:** Porricondylinae, Cecidomyiidae, fauna, check-list, Latvia.

### Introduction

The gall midges have been investigated in Latvia for 25 years. Data on gall midges of the subfamily Porricondylinae are scattered among different publications (Karpa et al., 1990, Lapina et al., 1981, Melecis et. al., 1981, Mohrig et al., 1980, Saksons, 1973, Spungis, 1977, 1979a,b,c, 1980a,b, 1981, 1982a,b, 1983a,b, 1984, 1985a,b, 1987a,b,c, 1988a,b, 1989, 1990, 1991, 1992). The previous data on species has been revised and a check-list has been compiled.

### A check-list of Latvian Porricondyliinae

#### Miastorini

*Miastor* Meinert, 1864

1. *Miastor metraloas* Meinert, 1864

#### Heteropezini

*Heteropeza* Winnertz, 1846

2. *Heteropeza pygmaea* Winnertz, 1846

#### Diallactini

*Chastomera* Skuse, 1888

3. *Chastomera brevipalpis* Mamaev, 1964

4. *Chastomera heteroptera* Mamaev et Spungis, 1980

5. *Chastomera spinigera* Spungis, 1985

*Diallactes* Kieffer, 1894

6. *Diallactes obscuripes* Spungis, 1985

*Johnsonomyia* Felt, 1908

7. *Johnsonomyia palpata* Mamaev, 1966

#### Winnertziini

*Clinorhytis* Kieffer, 1896

8. *Clinorhytis flavitarsis* Kieffer, 1896

*Kronomyia* Felt, 1911

9. *Kronomyia ovalis* (Mamaev, 1964)

*Winnertzia* Rondani, 1860

10. *Winnertzia bulbifera* Mamaev, 1963

11. *Winnertzia discretella* Spungis, 1992

12. *Winnertzia fusca* Kieffer, 1913

13. *Winnertzia globifera* Mamaev, 1963

14. *Winnertzia graduata* Spungis, 1992

15. *Winnertzia nigra* Mamaev, 1963

16. *Winnertzia nigripennis* Kieffer, 1896

17. *Winnertzia padicola* Spungis, 1992  
 18. *Winnertzia populicola* Spungis, 1992  
 19. *Winnertzia pravdini* Mamaeva et Mamaev, 1971  
 20. *Winnertzia pustulata* Spungis, 1992  
 21. *Winnertzia rotundata* Spungis, 1992  
 22. *Winnertzia solidaginis* Felt, 1907  
 23. *Winnertzia tridens* Panelius, 1965  
 24. *Winnertzia tumida* Panelius, 1965
- Asynaptini  
*Asycola* Spungis, 1991  
 25. *Asycola connata* Spungis, 1991  
*Asynapta* H.Loew, 1850  
 26. *Asynapta baltica* Spungis, 1988  
 27. *Asynapta breviata* Spungis, 1988  
 28. *Asynapta magdalini* Panelius, 1965  
 29. *Asynapta flava* (Kieffer, 1894)  
 30. *Asynapta inflata* Spungis, 1988  
 31. *Asynapta pectoralis* Winnertz, 1853  
 32. *Asynapta phragmitis* (Giraud, 1863)  
 33. *Asynapta populnea* Panelius, 1965  
 34. *Asynapta rufomaculata* Panelius, 1965  
 35. *Asynapta strobi* (Kieffer, 1920)  
 36. *Asynapta thurau* Rubsamen, 1893  
*Camptomyia* Kieffer, 1894  
 37. *Camptomyia abnormis* Mamaev, 1961  
 38. *Camptomyia addenda* Spungis, 1989  
 39. *Camptomyia antennata* Felt, 1911  
 40. *Camptomyia calcarata* Mamaev, 1964  
 41. *Camptomyia corticalis* (H. Loew, 1851)  
 42. *Camptomyia flavocinerea* Panelius, 1965  
 43. *Camptomyia fulva* Mamaev, 1961  
 44. *Camptomyia gigantea* Spungis, 1989  
 45. *Camptomyia heterobia* Mamaev, 1961  
 46. *Camptomyia mamajevi* Spungis, 1989  
 47. *Camptomyia maxima* Mamaev, 1961  
 48. *Camptomyia minima* Spungis, 1989  
 49. *Camptomyia multinoda* (Felt, 1908)  
 50. *Camptomyia picea* Panelius, 1965  
 51. *Camptomyia pinicola* Mamaev, 1961  
 52. *Camptomyia piptopori* Panelius, 1965  
 53. *Camptomyia regia* Spungis, 1989  
 54. *Camptomyia spinifera* Mamaev, 1961  
 55. *Camptomyia szadziewskii* Spungis, 1989  
 56. *Camptomyia ulmicola* Mamaev, 1961  
 57. *Camptomyia unisaetosa* Spungis, 1989  
*Colomyia* Kieffer, 1891  
 58. *Colomyia caudata* Spungis, 1991  
 59. *Colomyia clavata* Kieffer, 1891  
*Epicola* Spungis, 1991  
 60. *Epicola mirabilis* Spungis, 1991  
*Parasynapta* Panelius, 1965  
 61. *Parasynapta intermedia* Panelius, 1965  
*Stackelbergiella* Marikovskij, 1958  
 62. *Stackelbergiella hordei* (Barnes, 1927)
- Dicerurini  
*Dicerura* Kieffer, 1898  
 63. *Dicerura complicata* Spungis, 1987  
 64. *Dicerura dentata* Spungis, 1979  
 65. *Dicerura furculata* Mamaev, 1968  
 66. *Dicerura iridis* (Kaltenbach, 1873)  
 67. *Dicerura mixta* Spungis, 1987  
 68. *Dicerura rossica* (Mamaev, 1960)  
 69. *Dicerura separata* Spungis, 1987  
 70. *Dicerura triangularis* Mamaev, 1966  
 71. *Dicerura unidentata* Spungis, 1987  
 72. *Dicerura xylophila* Mamaev, 1966  
*Hilversidia* Mamaev, 1966  
 73. *Hilversidia autumnalis* Mamaev, 1966  
*Neotetraneuromyia* Spungis, 1987  
 74. *Neotetraneuromyia lenticularis* Spungis, 1987  
*Neurepidosis* Spungis, 1987  
 75. *Neurepidosis gracilis* Spungis, 1987  
 76. *Neurepidosis minutus* Spungis, 1987  
*Paratetraneuromyia* Spungis, 1987  
 77. *Paratetraneuromyia nobilis* (Felt, 1913)  
 78. *Paratetraneuromyia vernalis* Spungis, 1987  
*Tetraneuromyia* Mamaev, 1964  
 79. *Tetraneuromyia hirticornis* (Zetterstedt, 1850)

80. *Tetraneuromyia lamellata* Spungis, 1987

81. *Tetraneuromyia similis* Mamaev, 1964

#### Solntseviini

*Solntsevia* Mamaev, 1965

82. *Solntsevia nigripes* Mamaev, 1965

#### Dirhizini

*Dirhiza* H. Loew, 1850

83. *Dirhiza lateritia* H. Loew, 1850

#### Bryocryptini

*Bryocrypta* Kieffer, 1896

84. *Bryocrypta angustata* Mamaev, 1966

85. *Bryocrypta indubitata* Mamaev, 1964

#### Holoneurini

*Cryptoneurus* Mamaev, 1964

86. *Cryptoneurus muscicola* (Kieffer, 1896)

*Holoneurus* Kieffer, 1895

87. *Holoneurus corticalis* Mamaev, 1964

88. *Holoneurus fulvus* Kieffer, 1896

89. *Holoneurus marginatus* (de Meijere, 1901)

90. *Holoneurus obscurus* Mamaev, 1964

91. *Holoneurus paneliusi* Yukawa, 1971

92. *Holoneurus pini* (Mamaev, 1960)

*Schistoneurus* Mamaev, 1964

93. *Schistoneurus impressus* Mamaev, 1964

#### Porricondylini

*Cedrocrypta* Kieffer, 1919

94. *Cedrocrypta montana* Kieffer, 1919

*Claspettomyia* Grover, 1964

95. *Claspettomyia chrysanthemii* (Panelius, 1965)

96. *Claspettomyia montana* (Mamaev, 1965)

97. *Claspettomyia niveitarsis* (Zetterstedt, 1850)

*Lamellepidosis* Mamaev, 1990

98. *Lamellepidosis spungisi* Mamaev, 1990

*Monepidosis* Mamaev, 1966

99. *Monepidosis pectinata* Mamaev, 1966

*Parepidosis* Kieffer, 1912

100. *Parepidosis arcuata* Mamaev, 1964

101. *Parepidosis peculiaris* Mamaev, 1966

102. *Parepidosis ulmicorticis* Mamaev, 1964

103. *Parepidosis venusta* (Winnertz, 1853)

*Porricondyla* Rondani, 1840

104. *Porricondyla acuta* Spungis, 1981

105. *Porricondyla albimana* (Winnertz, 1853)

106. *Porricondyla armata* Spungis, 1981

107. *Porricondyla bifurcata* Mamaev, 1963

108. *Porricondyla distinguenda* Mamaev, 1963

109. *Porricondyla fulvescens* Panelius, 1965

110. *Porricondyla fuscostriata* Panelius, 1965

111. *Porricondyla globosa* Spungis, 1981

112. *Porricondyla hypoxantha* Panelius, 1965

113. *Porricondyla lata* Mamaev, 1965

114. *Porricondyla leacheana* (Walker, 1856)

115. *Porricondyla longipennis* Spungis, 1981

116. *Porricondyla lutescens* Spungis, 1981

117. *Porricondyla media* Spungis, 1981

118. *Porricondyla modesta* Spungis, 1981

119. *Porricondyla nigripennis* (Meigen, 1830)

120. *Porricondyla pallescens* Panelius, 1965

121. *Porricondyla photophila* Spungis, 1981

122. *Porricondyla pubescens* (Walker, 1856)

123. *Porricondyla quadridens* Spungis, 1981

124. *Porricondyla rostellata* Panelius, 1965

125. *Porricondyla rufescens* Panelius, 1965

126. *Pseudepidosis* Mamaev, 1966

127. *Pseudepidosis bifida* Spungis, 1981

128. *Pseudepidosis lunaris* Mamaev, 1966

129. *Pseudepidosis trifida* Mamaev, 1966

#### Notes on new species for the fauna of Latvia

Here follow data on new species collected and identified by the author, additional data on locality, sampling period and habitat. A collection of gall midges is housed in the faculty of Biology, University of Latvia.

*Bryocrypta angustata* Mamaev, 1966

Valmiera Distr., Mazsalaca 01.05.1989 3 males, in pine forest, 08.05.1989, 1 male, the same locality. Rare species found in Moscow region and Latvia.

*Cedrocrypta montana* Kieffer, 1919

Ogre Distr., the cones of Norway spruce were collected by J.Saksons in 1969, 1 male emerged from cones in 1971 and was identified by B.Mamaev. A specimen is stored in the collection of B.Mamaev. Rare species distributed also in Germany.

*Dicerura rossica* (Mamaev, 1960)

Valmiera Distr., Kauguri 02.04.1983, 1 larva, under bracket fungus on dead trunk of *Padus racemosa*; Kauguri 19.07.1984, 1 female, in deciduous forest. Rare species distributed in Moscow region and Latvia.

*Holoneurus obscurus* Mamaev, 1964

Riga Distr., Saulkalne 09.09.1980, 2 males, in white alder forest. Rare species, distributed in Moscow region and Latvia

*Lamellepidosis spungisi* Mamaev, 1990

Ventspils Distr., Moricsala 21.06.1977, 1 male, in lime tree forest; Ogre Distr., Birzgale 22.06.1978, 1 male, in poplar forest. Rare species distributed in Crimea and Latvia.

*Parepidosis ulmicorticis* Mamaev, 1964

Riga Distr., Saulkalne 28.05.1981, 1 male, in poplar forest; Ogre Distr., Jumprava 31.05.1982, 1 male, in meadow; Kaibala 16.07.1985, 1 male, meadow; Valmiera Distr., Valmiera, 1 female, 1 male, in greenhouse. Rare species distributed in Moscow region and Latvia.

*Porricondyla leacheana* (Walker, 1856)

Tukums Distr., Engure 04.08.1997, 1 male, in pine forest, leg. A.Karpa. Rare species distributed in semiboreal and boreal Europe.

**Kopsavilkums**

Latvijā pašlaik zināmas 129 apakšdzimtas *Porricondylinae* pangodiņu sugas. No tām 7 sugas Latvijas faunai minētas pirmo reizi.

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