LIST OF LADYBIRDS (COLEOPTERA, COCCINELLIDAE) OF GEORGIA

Nowadays the fauna of Ladybirds represents 85 species. They are united in 38 genera.

Family: Coccinellidae
1. Subfamily: Epilachninae
   1. Genus: Epilachna Chevz., 1837

   1. E. argus Geoff., 1762
      Distribution: Southern Georgia (Borjomi reserve) [proper data].
   2. E. chrysonemata Fabr., 1775
      Distribution: Eastern Georgia (Marneuli District) [proper data].
   2. Genus: Subcoccinella Huber. 1842

   3. S. vigintiquatuorpunctata L., 1758
      Distribution: Eastern Georgia (Tbilisi, Manglisi, Bolnisi, Mtsheta, Saguramo, Omal, Kazbegi, Sighnaghi, Shiraki-Dedoplistskaro, Eldari, the Tanis ravine); Southern Georgia (Borjomi, Aspindza, Akhaltsikhe) [5,12,15,17,18,20,21].

   2. Subfamily: Lithophilinae
   3. Genus: Lithophilus Frael., 1799

4. L. caucasicus Weise, 1878
   Distribution: Eastern Georgia (Tbilisi); Southern Georgia (Borjomi) [12,18,21 and Proper data].

5. L. weisei Reitter, 1879
   Distribution: Eastern Georgia (Tbilisi District) [18].

6. L. conatus Ponz., 1796
   Distribution: Western Georgia (Kutaisi District, Tsageri District-Lailashi) [18,21].

   3. Subfamily: Coccinellinae
   4. Genus: Coccidula Kug., 1791

7. C. scutellata Herbst., 1783
   Distribution: Eastern Georgia (Tbilisi District); Western Georgia (Pafiastomi Lake area) [16,19,20].

8. C. rufa Herbst., 1783
   Distribution: Eastern Georgia (Tbilisi District, Mamadli); Southern Georgia (Tsalka) [18,20,21].

5. Genus: Lindorus Casey, 1899

9. L. lophiata Blaisd., 1892
   Distribution: Western Georgia (Batumi District, Kobuleti) [3,4 and Proper data].

   6. Genus: Rodolia Muls., 1850

10. R. cardinalis Muls., 1850
    Distribution: Western Georgia (Batumi District, Kobuleti, Sokhumi District) [Proper data].

   7. Genus Pharoscymnus Bedel, 1908

11. P. smirnovi Dobzh., 1927
    Distribution: Eastern Georgia (Kvemo Magharo) [Proper data].

    Distribution: Eastern Georgia (Vashlovani reserve) [19].

   8. Genus Stethorus Weise, 1885

13. S. punctillum Weise, 1891
    Distribution: Eastern Georgia (Tbilisi); Southern Georgia (Borjomi); Western Georgia (Atchara) [3,12,17,18].

   9. Genus Clitostethus Weise, 1885

14. C. arcuatus Rossi, 1794
    Distribution: Eastern Georgia (Bolnisi, The Mashovera’s ravine) [21].

   10. Genus: Scymnus Kug., 1794
    1. Subgenus: Pulius Muls., 1846

15. S. (P.) ferrugatus Moll., 1785
Distribution: Eastern Georgia (Tbilisi District); Western Georgia (Kolkheti) [6,18].

Distribution: Eastern Georgia (Tbilisi District, The Tana’s ravine, Surami); Southern Georgia (Borjomi District); Western Georgia (Sokhumi, Paliastomi Lake area) [6,12,14,18,21].

17. *S.(P). auritus* Thunb., 1795
Distribution: Eastern Georgia (Tbilisi District); Southern Georgia (Borjomi District); Western Georgia (Zestaponi District) [12,21 and Proper data].

18. *S.(P). subvillosus* Goze., 1777
Distribution: Eastern Georgia (Tbilisi reservoir, Rustavi, Mtskheta, Lagodekh); Western Georgia (Poti, Batumi, Gorda) [10, 14,16,17,18,20,21].

Distribution: Eastern Georgia (Kutaisi District) [18,21 and Proper data].

Distribution: Eastern Georgia (Tbilisi District, Mamadi) [18,21].

Distribution: Eastern Georgia (Tbilisi, Samgori, Mtskheta) [18, 19 and Proper data].

22. *S.(P). argutus* Muls., 1850
Distribution: Eastern Georgia (Tbilisi District); Southern Georgia (Tsalka) [18 and Proper data].

2. Subgenus: *Sidis* Muls., 1850

23. *S. (S.) biguttatus* Muls., 1850
Distribution: Eastern Georgia (Tbilisi, Betania); Southern Georgia (Borjomi) [12,18,20,21].

3. Subgenus: *Dionus muls.*, 1850

24. *S.(D). rubidus* Motsch., 1837
Distribution: Eastern Georgia (Tbilisi District) [18].

4. Subgenus: *Scymnus Kug.*, 1794

25. *S.(S). nigrinus* Kug., 1794
Distribution: Eastern Georgia (Tbilisi) [17,20].

Distribution: Eastern Georgia (Tbilisi, Tbilisi District) [18 and Proper data].

27. *S. (S.) frontalis* Fabr., 1877
Distribution: Eastern Georgia (Tbilisi, Gardabani, Mtskheta, Akhaldaba, Lagodekhi District, Shiraki-Pantishara, Kasristiskali); Southern Georgia (Borjomi, Borjomi Reserve, Khashuri); Western Georgia (Kutaisi, Poti, Lenteki District-Melukha, Tsebelida) [8,12,14,15,18,21].

28. *S.(S).apezti* Muls., 1846
Distribution: Eastern Georgia (Tbilisi, Tbilisi reservoir, Khashuri District, Akhmeta District-Babaneuri reserve, Marneuli, Shiraki); Southern Georgia (Borjomi District); Western Georgia (Batumi) [12,14,18,21].

29. *S.(S) rubromaculatus* Goze., 1777
Distribution: Eastern Georgia (Tbilisi, Mtskheta, Gori District-Khidistavi, The Tana’s ravine, Mamadi); Southern Georgia (Borjomi District); Western Georgia (Batumi) [12,14,18,21].

30. *S.(S). interruptus* Goze., 1777
Distribution: Eastern Georgia (Tbilisi, Tbilisi reservoir, Marneuli, Surami, Bolnisi District); Southern Georgia (Borjomi, Vardzia-Borotsmindia) [10,12,14,15,16,17,21 and Proper data].

31. *S.(S) marginalis* Rossi, 1794
Distribution: Eastern Georgia (Batumi, Kobuleti) [Proper data].

32. *S.(S). quadriguttatus* Capra, 1921
Distribution: Eastern Georgia (Tbilisi District, Rustavi District, Gardabani) [Proper data].

5. Subgenus: *Nephus Muls.*, 1846

33. *S. (N.) quadrimaculatus* Herbst., 1783
Distribution: Eastern Georgia (Tbilisi, Tskhinvali District); Southern Georgia (Borjomi) [12,14,16,19,20].

34. *S.(N). bipunctatus* Kug., 1794
Distribution: Eastern Georgia (Marneuli, Samgori-Vaziani, Orkhevi,Gardabani, Tskhinvali, Bolnisi District) [8,14,15,16,21 and Proper data].

150
35. S. (N). redtenbacheri Muls., 1846
   Distribution: Eastern Georgia (Tbilisi District); Western Georgia (Batum Botanical Garden) [3,18].
   11. Genus Hyperaspis Chev., 1837

36. H. reppensis Herbst., 1783
   Distribution: Eastern Georgia (Tbilisi, Mtskheta); Southern Georgia (Borjomi) [12,17,18,20 and Proper data].

37. H. campestris Herbst., 1783
   Distribution: Southern Georgia (Borjomi District) [12,18].

38. H. femorata Motsh., 1783
   Distribution: Eastern Georgia (Lagodekhi, Sighnaghi, Shiraki-Pantishara) [Proper data].

39. H. transversoguttata Weise, 1878
   Distribution: Eastern Georgia (Marneuli, Kartli-Kazakhli) [21 and Proper data].
   12. Genus: Oxyynchus Lec., 1850

40. O. erythrocephalus Fabr., 1787
   Distribution: Eastern Georgia (Tbilisi, Dzegvi) [18 and Proper data].
   13. Genus Platunaspis Redt., 1843

41. P. luteorubra Goeze, 1777
   Distribution: Eastern Georgia (Tbilisi, Marneuli, Pasanouri, Khashuri, Mammadli, Shiraki-Kasristskali); Southern Georgia (Borjomi); Western Georgia (Batum, Chakvi, Tsageri District-Chikhuteli) [12,12,17,18,21 and Proper data].
   14. Genus Chilocorus Leach. 1815

42. C. renipustulatus Scriba, 1790
   Distribution: Eastern Georgia (Krtsanisi, Gardabani, Pasanouri, Trialeti-Sanislo, Kartli-Akhalsopeli; Akhaldaba); Southern Georgia (Borjomi); Western Georgia (Batum, Chakvi, Kobuleti, Kakhaberi, Laituri, Ochkhramuri, Senaki, Zugdidi District) [2,4,12,14,18 and Proper data].

43. C. bipustulatus L., 1758
   Distribution: Eastern Georgia (Tbilisi reservoir, Gardabani, Mtskheta, Akhaldaba, The Tana’s ravine, Lagodekhi District, Kartli-Kazakhli); Southern Georgia (Borjomi District); Western Georgia (Batum, Chakvi, Poti, Anaklia, Kutaisi, Makhinjauri, Laituri, Tsageri District-Lailashi, Akhalchala) [2,12,13,14,15,17,18,19,20 and Proper data].

15. Genus: Exochomus Redt., 1843

44. E. quadripustulatus L., 1758
   Distribution: Eastern Georgia (Tbilisi, Tbilisi reservoir, Gardabani, Samgori, Khashuri, Akhaldaba); Southern Georgia (Borjomi, Bakuriani, Tskhratskaro); Western Georgia (Batum, Kobuleti, Anaseuli, Zugdidi, Poti) [2,3,8,12,14,15,18,20 and Proper data].
   -sbsp.: ibericus Motsch., 1837
      Distribution: Eastern Georgia (Tbilisi District, Samgori, Marneuli); Western Georgia (Poti, Batumi, Chakvi, Khaberi, Ochkhramuri) [17,18 and Proper data].
   -sbsp.: quadriguttatus Fleisch., 1900
      Distribution: Southern Georgia (Borjomi District, Tsaghveri, Didi Tsemiti); Western Georgia (Ozurgeti District, Batumi-Anaseuli, Ochkhramuri, Khvariba) [Proper data].

45. E. undulatus Weise, 1878
   Distribution: Eastern Georgia (Tbilisi District, Arakhalo-The Khrami ravine) [18,19].

46. E. nigromaculatus Goeze, 1777
   Distribution: Eastern Georgia (Tbilisi, Kojori, Kavtiskhevi, Marneuli, Lagodekhi District-Tsodniskari, Sighnaghi, Shiraki-Kasristskali); Southern Georgia (Batum Botanical Garden, Chaiuli) [3,12,14,18,20,21].

47. E. melanocephalus Zübl., 1833
   Distribution: Eastern Georgia (Tbilisi, Gardabani, Varkeltli, Vashlijvari); Western Georgia (Ozurgeti District, Batumi-Laituri) [18 and Proper data].

16. Genus: Brumaris Muls., 1850

48. B. octosignatus Geb., 1829
   Distribution: Eastern Georgia (Bolnisi District, Shiraki) [Proper data].

17. Genus: hippocamia Muls., 1846

49. H. tredecimpunctata L., 1758
   -sbsp. signata Fald., 1832.
Distribution: Eastern Georgia (Tbilisi, Gardabani); Western Georgia (Kazhauri) [17,18].

18. Genus: Adonia Muls., 1846

50. Adonia variegata Goeze, 1777
Distribution: All over Georgia [Proper data].

19. Genus Semiadalia Crotch., 1874

51. S. notata Laich., 1781
Distribution: Eastern Georgia (Tbilisi District-Samgori, Vaziani, Gardabani, Okhevi, Rustavi); Southern Georgia (Akhalkalaki); Western Georgia (Lentekhi District, Zeskho) [8,18, and Proper data].

52. S. undecimnotata Schneid., 1792
Distribution: Eastern Georgia (Tbilisi, Tskneti, Manglisi, Rustavi, Gardabani, Akhmeta, Tskhinvali); Southern Georgia (Borjomi reserve, Tsagheveri, Didi Tsemi, Bakuriani, Tskhratskaro); Western Georgia (Menji) [2,7,12,14,16,18,21].

53. S. apicalis Weise, 1879
Distribution: Eastern Georgia (Armazi, Manglisi, The Tana’s ravine, Akhmeta); Southern Georgia (Bakuriani, Borjomi) Western Georgia (Lebarde) [12,17,18 and Proper data].

54. S. schneideri Weise, 1878
Distribution: Eastern Georgia (Tbilisi District, Kazakhi, Mtskheta, Surami, Kojoji, Lagodekhi reserve, Omalo); Western Georgia (Kutaisi District, Lebarde, Khulo, The Rioni’s ravine-Mekvena) [18,20,21 and Proper data].

20. Genus: Anisosticta Chevr., 1837

55. A. novemdecimpunctata L., 1758
Distribution: Eastern Georgia (Tbilisi District, Mtskheta District, Tskhinvali District, Gurjaani, Telavi, Bolnisi, Sighnaghi, Tsetitskaro); Western Georgia (Palastomi Lake area) [1,6,14, and Proper data].

21. Genus: Aphidecta Weise, 1889

56. A. oblitareta L., 1758
Distribution: Eastern Georgia (Tbilisi District, The Tana’s ravine); Southern Georgia (Tsagheveri); Western Georgia (Kutaisi District, Arabica, Lailashi) [12,17,18,21 and Proper data].

22. Genus: Bulaea Muls., 1850

57. Bulaea lichatschovi Humm., 1827
Distribution: Eastern Georgia (Tbilisi District, Mtskheta, Gori, Lagodekhi reserve, Rustavi, Sioni, Shiraki-Lekistskali; Akhmeta-Batsara reserve, Tskhinvali,Kvareli); Southern Georgia (Tsagheveri, Akhalsikhe, Tsalka District-Rukha); Western Georgia (Kutaisi District) [1,8,12,14,15,17,18,20,21].

23. Genus Tythaspis Crotch., 1874

58. Tythaspis sedecimguttata L., 1758
Distribution: Southern Georgia (Borjomi) [12,18,20].

24. Genus: Adalia Muls., 1850

59. Adalia decempunctata L., 1758
Distribution: Eastern Georgia (Tbilisi, Tbilisi District, Gardabani, Rustavi-Krtsanisi reserve, Kvishkheti, Tskhinvali, Tservani, Khashuri District); Southern Georgia (Borjomi District); Western Georgia (The Rioni’s ravine) [1,12,14,16,17,18,20,21 and Proper data].

60. Adalia bipunctata L., 1758
Distribution. All over Georgia [1-18 and Proper data].

25. Genus Coccinilla L., 1758

61. Coccinella septempunctata L., 1758
Distribution. All over Georgia [Proper data].

62. Coccinella quinquepunctata L., 1758
Distribution: Eastern Georgia (Tbilisi District, Lagodekhi reserve, Lagodekhi District, Rustavi, Akhaldaba); Southern Georgia (Borjomi, Tskhratskaro, Akhalsikhe); Western Georgia (Batumi District, Oudauta District-Avadghara) [2,7,9,11,12,13,14,16,17,18].

63. Coccinella hieroglyphica L., 1758
Distribution: Western Georgia (Palastomi Lake area) [6].

64. Coccinella divaricata Oliv., 1808

152
Distribution: Eastern Georgia (Tbilisi District, Manglisi, Khevsureti-Barisakho, Shatili, The Tana’s ravine) [17,18).

26. Genus: Coccinula Dobzh., 1925

65. Coccinula quatuordecimpustulata L., 1758
Distribution. All over Georgia [Proper data].

66. Coccinula sinuatamarginata Fald., 1837
Distribution: Eastern Georgia (Tbilisi, Tbilisi District, Omalo); Southern Georgia (Tsikhratskaro) [12,18 and Proper data].

27. Genus: Synharmonia Ganglb., 1899

67. Synharmonia conglobata L., 1758
Distribution: Eastern Georgia (Tbilisi and District, Rustavi, Tskhinvali, The Tana’s ravine, Shirakitsiteli Tskharo, Pantishara); Southern Georgia (Borjomi reserve); Western Georgia (Atchara-Kobuleti District) [2,3,4,10,14,15,16,17,18].

68. Synharmonia impustulata L., 1767 subsp. caucasica Motsch., 1837
Distribution: Southern Georgia (Borjomi) Western Georgia (Ochamchire, Gagra District) [17 and Proper data].

69. Synharmonia lyncea Rosenh., 1847
Distribution: Eastern Georgia (Saguramo); Southern Georgia (Rveli) [Proper data].

28. Genus: Oenopia Muls., 1850

70. Oenopia oncina Ol., 1808
Distribution: Eastern Georgia (Didi Gareji District, Gardabani) [Proper data].

29. Genus: Harmonia Muls., 1850

71. Harmonia quadripunctata Pont., 1763
Distribution: Eastern Georgia (Tbilisi, Samgori, Kojori, Armazi, Rustavi-Krtsanisi reserve, Gardabani, Akhaldaba); Southern Georgia (Tsagveri, Bakuriani, Aspindza); Western Georgia (Atchara) [12,14,16,18, and Proper data].

72. Harmonia conformis Boisd., 1835
Distribution: Western Georgia (Batumi-Kakhaberii) [19 and Proper data].

73. Harmonia axyridis Pallas., 1773
Distribution: Eastern Georgia (Lagodekh reserve) [Proper data].

30. Genus: Myrtha Muls., 1846

74. Myrtha octodecimguttata L., 1758
Distribution: Eastern Georgia (Tianeti District-Sioni) [11].

31. Genus: Sospita Muls., 1846

75. Sospita vigintiguttata L., 1758
Distribution: Southern Georgia (Borjomi, Borjomi reserve); Western Georgia (Atchara) [12,14,18,19 and Proper data].

32. Genus: Calvia Muls., 1846

76. C. decemguttata L., 1757
Distribution: Eastern Georgia (Tbilisi, Gurjaani, Telavi, Lagodekh, Akhmeta District-Babaneuri re-
serve, Tskhinvali); Southern Georgia (Borjomi, Akhaltsikhe); Western Georgia (Atchara) [4,12,14,15,16,18,21].

77. C. quatuordecim guttata L., 1758
Distribution: Eastern Georgia (Tbilisi and District, Mamadli, Tianeti District-Sioni, Kvareli, Akhaldaba);
Southern Georgia (Borjomi, Didi Tsemi, Bakuriani, Akhaltsikhe); Western Georgia (Poti District) [11,12,14,15,16,18,20,21].

78. C. quinquedecim guttata Fabr., 1777
Distribution: Eastern Georgia (Tianeti District-Sioni; The Tana’s ravine); Western Georgia (Kutaisi District, Poti, Khobi-Kulevi) [6,11,14,16,18].

79. C. rosti Weise, 1891
Distribution: Eastern Georgia (Borjomi District); Western Georgia (Bagdadi District) [18,19 and Proper data].

33. Genus: Propylea Muls., 1846

80. Propylea quatuordecimguttata L., 1758
Distribution. All over Georgia [Proper data].
34. *Neomysia* Casey, 1899

81. *Neomysia oblongoguttata* L., 1758
   Distribution: Eastern Georgia (Tbilisi, Khashuri District, Kakheti-Shuamta); Southern Georgia (Borjomi, Borjomi reserve); Western Georgia (Bagadi District) [12,18,21 and Proper data].

35. *Genus: Anatis* Muls., 1846

82. *Anatis occellata* L., 1758
   Distribution: Eastern Georgia (Manglisi); Southern Georgia (Borjomi, Tsaghveri, Bakuriani, Akhaltsikhe); Western Georgia (Svaneti-Tetrashera) [12,18 and Proper data].


83. *Halyzia sedecimguttata* L., 1758
   Distribution: Eastern Georgia (Tbilisi, Manglisi, Kojori, Khashuri, Akhmtra District-Batsara reserve, Marneuli, Lagodekhi reserve, Tskhinvali,Akhalta); Southern Georgia (Tsaghveri, Bakuriani, Akhaltsikhe, Vardzia); Western Georgia (Batumi, Kutaisi District, Kharagauli, Lailashi, Nekortsinda, Kaisarhuri, Tsebelda, Zeskho) [9,11,12,14,16,17,18,20,21].

37. *Genus: Vibidia* Muls., 1846

84. *Vibidia duodecimguttata* Poda, 1761
   Distribution: Eastern Georgia (Tbilisi, Samgori, Marneuli, Betania, Mamadi, Surami, Lagodekhi District, Kojori); Southern Georgia (Vardzia, Borotsminda, Borjomi, Tsalka); Western Georgia (Kutaisi District, Poti, Batumi District) [6,7,8,9,12,15,18,20,21 and Proper data].

38. *Genus: Thea* Muls., 1846

85. *Thea vigintiduapunctata* L., 1758
   Distribution: All over Georgia [Proper data].

8. **Список видов божьих коровок (COLEOPTERA, COCCINELLIDAE) Грузии**

М. Ш. Мерквиладзе, Э.Ш. Квавадзе

**Список видов божьих коровок (COLEOPTERA, COCCINELLIDAE) Грузии**

Приводится анотированный список 85 видов Божьих коровок Грузии, объединенных в 38 родах.

**REFERENCES**

The Psylloidea of the country comprises 154 species.

Family Aphalaridae Löw, 1879
Subfamily Rhinocolinae Vondrácék, 1957
Tribe Rhinocolini (Becker-Migdisova, 1973)
Subfamily Lividiidae Löw, 1879

1. L. junctorum (Latreille, 1798)
Distribution. Widespread in Georgia, but rare and sporadic [2, 14, 15]. Strictly oligophagous on Juncus spp.

2. L. mediterranea Loginova, 1974
Distribution. Western (Abkhasia) and Eastern (Kartli) Georgia. Extremely rare and sporadic [7, 13, 15].
Carex.

Subfamily Rhinocolinae Vondrácék, 1957

3. R. aceris (Linnaeus, 1759)
Distribution. The species has been collected throughout Georgia. Common, fairly abundant [2, 5, 6, 7, 13, 15, 16].
Strictly oligophagous on Acer spp.