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Supplementary Data

Diversity and community structure of oribatid mites (Acari: Oribatida) in the dominant habitats of Machakhela National Park (Georgia, Caucasus)

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CHECKLIST OF ORIBATID MITES

ENARTHRONOTA Grandjean, 1947

Superfamily: Hypochthonioidea Berlese, 1910

Family: Hypochthoniidae Berlese, 1910

Genus: Hypochthonius Koch, 1835

1. *H. luteus* Oudemans, 1917 - KK1, KK2, KK3, KK4, KK5, KK6.

Genus: Hypochthoniella Berlese, 1910

2. *H. minutissima* (Berlese, 1904) - KK3, KK4, KK6.

Superfamily: Epilohmannioidea Oudemans, 1923

Family: Epilohmanniidae Oudemans, 1923

Genus: Epilohmannia Berlese, 1910

3. *E. ovata* Aoki, 1961 - KK4.

Superfamily: Mesoplophoroidea Ewing, 1917

Family: Mesoplophoridae Ewing, 1917

Genus: Mesoplophora Berlese, 1904

4. *M. michaeliana* Berlese, 1904 - KK2, KK4.
5. *M. pulchra* Sellnick, 1928 - KK4.

MIXONOMATA Grandjean, 1969

Superfamily: Euphthiracaroidae Jacot, 1930

Family: Oribotritiidae Grandjean, 1954

Genus: Oribotritia Jacot, 1924

6. *O. krivolutskyi* Liu, Niedbala & Starý, 2010 - KK4.

Family: Euphthiracaridae Jacot, 1930

Genus: Acrotrititia Jacot, 1923

7. *A. duplicata* (Grandjean, 1953) - KK2.

Genus: Euphthiracarus Ewing, 1917

8. *E. monodactylus* (Willmann, 1919) - KK3, KK6.

Superfamily: Phthiracaroidae Perty, 1841

Family: Phthiracaridae Perty, 1841

Genus: *Hoplophthiracarus* Jacot, 19339. *H. illinoisensis* (Ewing, 1909) - KK2.10. *H. vanderhammeni* Niedbala, 1991 - KK2.**Genus: *Phthiracarus* Perty, 1841**11. *Ph. (Phthiracarus) ferrugineus* (C.L. Koch, 1841) – KK2, KK3, KK4, KK5, KK6.12. *Ph. (Phthiracarus) incertus* Niedbala, 1983 - KK4, KK6.13. *Ph. (Phthiracarus) laevigatus* (C.L. Koch, 1844) - KK4.14. *Ph. (Archiphthiracarus) assimilis* Niedbala, 1983 - KK1.15. *Ph. (Archiphthiracarus) crassus* Niedbala, 1983 - KK1.16. *Ph. (Archiphthiracarus) peristomaticus* Willmann, 1951 - KK2.17. *Ph. (Archiphthiracarus) scitus* Niedbala, 1983 - KK1.**Genus: *Steganacarus* Ewing, 1917**18. *S. (Steganacarus) magnus anomalus* (Berlese, 1883) - KK4, KK6.19. *S. (Steganacarus) magnus* (Nicolet, 1855) - KK2.20. *S. (Steganacarus) incomptus* Niedbala, 1983 - KK3.21. *S. (Tropacarus) brevipilus* (Berlese, 1923) - KK1.22. *S. (Tropacarus) carinatus* (C.L. Koch, 1841) - KK3, KK4.23. *S. (Atropacarus) striculus* (C.L. Koch, 1835) - KK2.24. *S. (Atropacarus) perversus* (Niedbala, 1983) - KK5.**Genus: *Austrophthiracarus* Balogh & Mahunka, 1978**25. *A. pavidus* (Berlese, 1913) - KK6.**HOLOSOMATA Grandjean, 1969****Superfamily: Crotonioidea Thorell, 1876**

Family: Nothridae Berlese, 1896

Genus: *Nothrus* Koch, 183626. *N. anauniensis* Canestrini & Fanzago, 1876 - KK6.

Family: Camisiidae Oudemans, 1900

Genus: *Heminothrus (Platynothrus)* Berlese, 191327. *H. (Platynothrus) peltifer* (C.L. Koch, 1839) - KK1, KK2, KK3, KK4.**Superfamily: Nanhermannioidea Sellnick, 1928**

Family: Nanhermanniidae Sellnick, 1928

Genus: *Nanhermannia* Berlese, 191328. *N. nana* (Nicolet, 1855) - KK1, KK2, KK4.**BRACHYPYLINA Hull, 1918****Superfamily: Hermannielloidea Grandjean, 1934**

Family: Hermanniellidae Grandjean, 1934

Genus: *Hermanniella* Berlese, 190829. *H. granulata* (Nicolet, 1855) - KK2, KK3, KK4, KK5, KK630. *H. multipora* Sitnikova, 1973 - KK1, KK2.**Superfamily: Plateremaeoidea Trägårdh, 1926**

Family: Gymnodamaeidae Grandjean, 1954

Genus: *Arthrodamaeus* Grandjean, 195431. *A. femoratus* (C.L. Koch, 1840) - KK5.**Superfamily: Damaeoidea Berlese, 1896**

Family: Damaeidae Berlese, 1896

Genus: *Metabelba* Grandjean, 1936

32. *M. papillipes* (Nicolet, 1855) - KK1.

33. *M. pulverulenta* (C.L. Koch, 1840) - KK2, KK3, KK4, KK5, KK6.

Superfamily: Cepheoidea Berlese, 1896

Family: Cepheidae Berlese, 1896

Genus: Eupterotegaeus Berlese, 1916

34. *E. ornatissimus* (Berlese), 1908 - KK2, KK4.

Genus: Hypocephus Krivolutsky, 1971

35. *H. mirabilis* Krivolutsky, 1971 - KK4.

Superfamily: Microzetoidea Grandjean, 1936

Family: Microzetidae Grandjean, 1936

Genus: Microzetes Berlese, 1913

36. *M. caucasicus* (Krivolutsky, 1967) - KK2.

Superfamily: Ameroidea Bulanova-Zachvatkina, 1957

Family: Ctenobelbidae Grandjean, 1965

Genus: Ctenobelba Balogh, 1943

37. *C. pilosella* Jeleva 1962 - KK2, KK4.

38. *C. (Caucasiobelba) urhani* Baran, 2015 - KK4.

Family: Amerobelbidae Grandjean, 1961

Genus: Amerobelba Berlese, 1908

39. *A. decedens* Berlese, 1908 - KK4.

Family: Damaeolidae Grandjean, 1965

Genus: Damaeolus Paoli, 1908

40. *D. ornatissimus* Csiszar, 1962 - KK4.

Family: Eremobelbidae Balogh, 1961

Genus: Eremobelba Berlese, 1908

41. *E. geographica* Berlese, 1908 - KK4.

Family: Ameridae Bulanova-Zachvatkina, 1957

Genus: Amerus Berlese, 1896

42. *A. polonicus* Kulczynski, 1902 - KK2.

43. *A. troisi* (Berlese, 1883) - KK2, KK3, KK4.

Superfamily: Zetorchestoidea Michael, 1898

Family: Eremaeidae Oudemans, 1900

Genus: Eremaeus Koch, 1835

44. *E. hepaticus* (C.L. Koch, 1836) - KK2.

Superfamily: Gustavioidea Oudemans, 1900

Family: Peloppiidae Balogh, 1943

Genus: Ceratoppia Berlese, 1908

45. *C. bipilis* (Hermann, 1804) - KK4.

46. *C. quadridentata* (Haller, 1882) - KK2.

Family: Gustaviidae Oudemans, 1900

Genus: Gustavia Kramer, 1879

47. *G. microcephala* (Nicolet, 1855) - KK2, KK3, KK4.

Family: Liacaridae Sellnick, 1928

Genus: Liacarus Michael, 1898

48. *L. brevilamellatus* Mihelčič, 1955 - KK2, KK3, KK4.

49. *L. coracinus* (Koch, 1840) - KK2, KK5.

50. *L. tubifer* Djaparidze & Melamud, 1990 - KK4.

Genus: Xenillus Robineau-Desvoidy, 1839

51. *X. tegeocranus* (Hermann, 1804) - KK4, KK6.

Superfamily: Carabodoidea Koch, 1837

Family: Carabodidae Koch, 1837

Genus: *Carabodes* Koch, 1835

52. *C. femoralis* (Nicolet, 1855) - KK4, KK6.

Superfamily: Oppioidea Sellnick, 1937

Family: Autognetidae Grandjean, 1960

Genus: *Conchogneta* Grandjean, 1963

53. *C. dalecarlica* (Forsslund, 1947) - KK2, KK3, KK4.

54. *C. traegardhi* (Forsslund, 1947) - KK6.

Family: Oppiidae Sellnick, 1937

Genus: *Oppia* Koch, 1836

55. *O. nitens* C.L. Koch, 1836 - KK3, KK4, KK5, KK6.

Genus: *Ramusella* Hammer, 1962

56. *R. insculpta* (Paoli, 1908) - KK2.

Genus: *Dissorhina* Hull, 1916

57. *D. ornata* (Oudemans, 1900) - KK4.

Genus: *Oppiella* Jacot, 1937

58. *O. (Oppiella) maritima* (Willmann, 1928) - KK5.

59. *O. (Rhinoppia) nasuta* (Moritz, 1965) - KK4.

60. *O. (Rhinoppia) subpectinata* (Oudemans, 1900) - KK1, KK2, KK3, KK4, KK5, KK6.

Genus: *Oxyoppioides* Subías & Mínguez, 1985

61. *O. decipiens* (Paoli, 1908) - KK1, KK2, KK4, KK6.

Family: Quadroppiidae Balogh, 1983

Genus: *Quadroppia* Jacot, 1939

62. *Q. (Quadroppia) quadricarinata* (Michael, 1885) - KK4, KK5, KK6.

Superfamily: Trizetoidea Ewing, 1917

Family: Suctobelbidae Jacot, 1938

Genus: *Suctobelba* Paoli, 1908

63. *S. trigona* (Michael, 1888) - KK4, KK6.

Genus: *Suctobelbella* Jacot, 1937

64. *S. subcornigera* (Forsslund, 1941) - KK2.

Superfamily: Tectocephoidea Grandjean, 1954

Family: Tectocephidae Grandjean, 1954

Genus: *Tectocephus* Berlese, 1896

65. *T. velatus velatus* (Michael, 1880) - KK4, KK5, KK6.

Superfamily: Cymbaeremaeoidea Sellnick, 1928

Family: Cymbaeremaeidae Sellnick, 1928

Genus: *Cymbaeremaeus* Berlese, 1896

66. *C. cymba* (Nicolet, 1855) - KK2.

Superfamily: Licneremaeoidea Grandjean, 1931

Family: Charassobatidae Grandjean, 1958

Genus: *Lamellocephus* Balogh, 1961

67. *L. personatus* Berlese, 1910 - KK2.

Superfamily: Phenopeloidea Petrunkevitch, 1955

Family: Phenopelopidae Petrunkevitch, 1955

Genus: *Eupelops* Ewing, 1917

68. *E. torulosus* (C.L. Koch, 1839) - KK4.

Superfamily: Achipterioidea Thor, 1929

Family: Achipteriidae Thor, 1929

Genus: *Parachipteria* Hammen, 1952

69. *P. georgica* Murvanidze & Weigmann, 2003 - KK1, KK2, KK3, KK4, KK5, KK6.

70. *P. punctata* (Nicolet, 1855) - KK1, KK5.

Superfamily: Oribatelloidea Jacot, 1925

Family: Oribatellidae Jacot, 1925

Genus: *Oribatella* Banks, 1895

71. *O. colchica* Krivolutsky, 1974 - KK3, KK4.

72. *O. nigra* Kulijev, 1967 - KK6.

Superfamily: Oripodoidea Jacot, 1925

Family: Oribatulidae Thor, 1929

Genus: *Oribatula* Berlese, 1896

73. *O. tibialis* (Nicolet, 1855) - KK1, KK3, KK4, KK5, KK6.

Family: Liebstadiidae Balogh & Balogh, 1984

Genus: *Liebstadia* Oudemans, 1906

74. *L. similis* (Michael, 1888) - KK3, KK4.

Family: Scheloribatidae Grandjean, 1933

Genus: *Scheloribates* Berlese, 1908

75. *S. laevigatus* (C.L. Koch, 1835) - KK1, KK2, KK3, KK5.

Superfamily: Ceratozetoidea Jacot, 1925

Family: Ceratozetidae Jacot, 1925

Genus: *Euzetes* Berlese, 1908

76. *E. globulus* (Nicolet, 1855) - KK1, KK2.

Genus: *Sphaerozetes* Berlese, 1885

77. *S. piriformis* (Nicolet, 1885) - KK1.

Family: Chamobatidae Grandjean, 1954

Genus: *Chamobates* Hull, 1916

78. *C. caucasicus* Shaldybina, 1969 - KK2, KK4.

Family: Mycobatidae Grandjean, 1954

Genus: *Minunthozetes* Hull, 1916

79. *M. pseudofusiger* (Schweizer, 1922) - KK2, KK3, KK4, KK5, KK6.

Genus: *Punctoribates* Berlese, 1908

80. *P. punctum* (Koch, 1839) - KK1, KK3, KK4, KK5, KK6.

Superfamily: Galumnoidea Jacot, 1925

Family: Galumnidae Jacot, 1925

Genus: *Acrogalumna* Grandjean, 1956

A. longipluma (Berlese, 1904) - KK2, KK5.