

The Oribatid Mites of British Columbia

by

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A comprehensive checklist of the oribatid mites of Canada (The Diversity of Oribatida in Canada – available online at http://www.cbif.gc.ca/spp_pages/mites/phps/index_e.php) (DOC) -- was compiled by Valerie M. Behan-Pelletier and Barbara Eamer of the Acarology Unit, Research Branch, Agriculture and Agri-Food Canada, Ottawa, in 2004. This built on the 1987 catalogue of the Oribatida of the United States and Canada by Marshall *et al.* (1987), annotated by publications and species descriptions from 1987 – 2004. The DOC checklist documents 140 species of oribatid mites for British Columbia.

The checklist compiled here includes British Columbia species records from both abovementioned sources, with updated species names where possible. Taxonomy follows Norton & Behan-Pelletier (2009). Many new records are from the ZLC (Zoë Lindo collection) with a focus on the Coastal Temperate Rainforest (CTR) of Vancouver Island, and in particular, canopy habitats. These species have been cross-referenced with other CTR projects such as the Carmanah Canopy Project (Neville Winchester, University of Victoria), Montane Alternative Silviculture System (Leland Humble, Pacific Forestry Centre), and Mt. Cain (Laura Fagan, University of Victoria). Other cross-referenced collections include the Royal British Columbia Museum (RBCM), with thanks to Claudia Copley and Rob Cannings, and the Canadian National Collection (CNC) of Insects, Arachnids and Nematodes, with thanks to Val Behan-Pelletier and the Acarology Unit. Also consulted were recent publications from the interior Sub-Boreal Spruce (SBS) zone by Battigelli *et al.* (2004), The Engleman Spruce-Sub alpine Fir (ESSF) zone by Berch *et al.* (2007), Montane Cordillera (Smith *et al.*, 1998), and the work of Lindo & Stevenson (2007) from the Interior Cedar-Hemlock (ICH) forests. This species list is compiled using presence/absence data and listed by eco-zone. The final list has omitted records that include a generic identification without a specific name (e.g. *Oppiella* sp.) where the species is likely to be already listed (i.e. *Oppiella nova*); thus the list is considered a conservative estimate of the true oribatid mite diversity in British Columbia. The final count is 354 species for the province of British Columbia; of which 242 species (68%) are found within the Coastal Temperate Rainforest eco-zone (174 species (49%) are unique to the CTR in BC); though it should be noted that many areas of British Columbia are insufficiently sampled. The number of undescribed species is conservatively estimated at 25-35% of the total fauna listed here.

Taxonomic Order

The organisation of the Oribatid mites of BC checklist here follows the taxonomic order of the group as presently conceived, roughly delineating evolutionary relationships at the family level; less derived families, or 'more ancient' lineages, are listed first, followed by more derived families. Within families, genera and species are listed alphabetically; known species are listed before unknown species. Thus the list can be viewed roughly as a simplified phylogenetic tree; members of families that are listed closer together are more closely related than those listed further apart. Certain character states are also associated with this organisation, and are important in the identification of oribatid mites (e.g. the development of sclerotized structures). Please refer to Norton and Behan-Pelletier (2009) for more information.

Note: In the checklist below some records are annotated as follows:

‡ unconfirmed record for BC

* possibly a species already listed (overestimate)

^ possibly more species than listed (underestimate)

Family	Genus species	Coastal Temperate Rainforest	Coastal Montane	Interior Cedar-Hemlock	Sub-Boreal Spruce	Engelman Spruce-Sub alpine Fir	Cordillera
Acaronychidae	<i>Acaronychus</i> sp. (possibly <i>A. tragardhi</i> Grandjean, 1932)	X					
Palaeacaridae	<i>Palaeacarus hystricinus</i> Trägårdh, 1932	X		X	X	X	
Aphelacidae	<i>Aphelacarus</i> sp. (possibly <i>A. acarinus</i> (Berlese, 1910))	X					
Brachychthoniidae	<i>Brachychthonius bimaculatus</i> Willmann, 1936				X		X
	<i>Brachychthonius impressus</i> Moritz, 1976				X	X	
	<i>Brachychthonius</i> nr <i>berlesei</i> Willmann, 1928			X			
	<i>Brachychthonius</i> sp.				X		
	<i>Brachychthonius</i> sp.	X					
	<i>Brachychthonius</i> sp.*	X					
	<i>Eobrachychthonius</i> sp.	X	X				
	<i>Mioxochthonius</i> sp.	X					
	<i>Liochthonius lapponicus</i> (Trägårdh, 1910)					X	
	<i>Liochthonius sellnicki</i> (Thor, 1930)					X	X
	<i>Liochthonius simplex</i> (Forsslund, 1942)					X	
	<i>Liochthonius tuxeni</i> (Forsslund, 1957)					X	
	<i>Liochthonius</i> nr <i>brevis</i> (Michael, 1888)			X	X	X	
	<i>Liochthonius</i> nr <i>muscorum</i> Forsslund, 1964			X	X		
	<i>Liochthonius</i> sp.	X	X				
	<i>Liochthonius</i> sp.	X	X				
	<i>Liochthonius</i> sp.	X					
	<i>Liochthonius</i> sp.	X					
	<i>Neobrachychthonius</i> sp.				X		
	<i>Neoliochthonius occultus</i> (Niebala, 1971)						X
	<i>Neoliochthonius</i> nr <i>globuliferous</i> (Strenzke, 1951)					X	
	<i>Poecilochthonius</i> sp.	X					
	<i>Verachthonius</i> sp. (possibly <i>V. montanus</i> (Hammer, 1952))					X	
	<i>Verachthonius</i> sp.	X					
	<i>Sellnickochthonius immaculatus</i> (Forsslund, 1942)					X	
	<i>Sellnickochthonius rostratus</i> (Jacot, 1936)	X					
<i>Sellnickochthonius suecica</i> (Forsslund, 1942)	X		X	X			
<i>Sellnickochthonius</i> nr <i>zelawaiensis</i> (Sellnick, 1928)	X						
<i>Sellnickochthonius</i> sp.	X				X		
<i>Synchthonius crenulatus</i> (Jacot, 1938)	X		X	X	X	X	
<i>Synchthonius</i> nr <i>elegans</i> Forsslund, 1957	X		X	X	X		
Atopochthoniidae	<i>Atopochthonius artiodactylus</i> Grandjean, 1948	X		X	X		
Pterochthoniidae	<i>Pterochthonius angelus</i> (Berlese, 1910)	X		X	X		
Hypochthoniidae	<i>Hypochthonius luteus</i> Oudemans, 1917	X					
	<i>Hypochthonius rufulus</i> C.L. Koch, 1835	X					
Mesoplophoridae	<i>Archoplophora rostralis</i> Willmann, 1930					X	
Eniochthoniidae	<i>Eniochthonius</i> nr <i>crossbyi</i> (Ewing, 1909)	X					
	<i>Eniochthonius</i> sp.	X					
Cosmochthoniidae	<i>Cosmochthonius</i> nr <i>lanatus</i> (Michael 1885)					X	
Parhypochthoniidae	<i>Parhypochthonius aphidinus</i> nr <i>octofilamentis</i> Jacot 1938	X					
Gehypochthoniidae	<i>Gehypochthonius rhadamanthus</i> Jacot, 1936	X					
Eulohmannia	<i>Eulohmannia</i> sp. (possibly <i>E. ribagai</i> (Berlese, 1910))	X					
Perlohmanniidae	<i>Perlohmannia</i> sp.	X					
Epilohmanniidae	<i>Epilohmannia</i> sp.	X					
Euphthiracaridae	<i>Euphthiracarus cernuus</i> Walker, 1965	X		X	X		X
	<i>Euphthiracarus crassisetae</i> Jacot, 1938	X					
	<i>Euphthiracarus cribarius</i> (Berlese, 1904)	X					
	<i>Euphthiracarus depressculus</i> Jacot, 1924	X					

	<i>Trhypochthonius tectorum</i> (Berlese, 1896)	X		X	X
Malacostridae	<i>Malacostrus</i> nr <i>mollisetosus</i> Hammer, 1952	X			
	<i>Malacostrus</i> sp.	X			
	<i>Trimalacostrus</i> sp.	X			
Nanhermanniidae	<i>Nanhermannia elegantula</i> Berlese, 1913	X	X	X	
	<i>Nanhermannia</i> sp.	X			
Hermanniidae	<i>Hermannia gibba</i> (C.L. Koch, 1840)	X	X		
Hermanniellidae	<i>Hermanniella occidentalis</i> Ewing, 1918	X	X	X	
	<i>Hermanniella picea</i> (C.L. Koch, 1893)				X
	<i>Hermanniella robusta</i> Ewing, 1918	X			
	<i>Hermanniella subnigra</i> (Ewing, 1909) [†]	X			
	<i>Hermanniella</i> sp.*	X			
Neoliodidae	<i>Platylodes macroprius</i> Woolley & Higgins, 1969	X	X		
Gymnodamaeidae	<i>Gymnodamaeus bicostatus</i> (C.L. Koch, 1835) [†]				X
	<i>Gymnodamaeus</i> nr <i>taedaceus</i> Paschoal, 1982			X	
	<i>Gymnodamaeus</i> sp.				
	<i>Joshuella</i> sp.				X
	<i>Nortonella gildersleeveae</i> (Hammer, 1952) [†]				X
	<i>Odontodamaeus</i> sp. (possibly <i>O. veriornatus</i> (Higgins, 1961))				X
	<i>Roynortonella victoriae</i> (Paschoal, 1982)	X	X		
Lichnodamaeidae	<i>Lichnodamaeus</i> sp.	X			
Damaeidae	Damaeidae nr <i>Dyobelba</i>	X	X		
	Damaeidae nr <i>Epidamaeus</i>	X	X		
	<i>Belba</i> (<i>Belba</i>) sp.	X			
	<i>Belba</i> sp.	X		X	X
	<i>Belba</i> (<i>Protobelba</i>) <i>californica</i> (Banks, 1904)	X			
	<i>Belba</i> (<i>Protobelba</i>) sp.	X			
	<i>Belbodamaeus</i> sp.	X			
	<i>Caenobelba alleganiensis</i> Norton, 1980				
	<i>Caenobelba</i> sp.	X			
	<i>Epidamaeus articolous</i> (Hammer, 1952)			X	
	<i>Epidamaeus floccosus</i> Behan-Pelletier & Norton, 1985	X		X	
	<i>Epidamaeus hammerae</i> Behan-Pelletier & Norton, 1983				X
	<i>Epidamaeus koyukon</i> Behan-Pelletier & Norton, 1985			X	
	<i>Epidamaeus tenuissimus</i> Hammer, 1967	X		X	
	<i>Epidamaeus</i> nr <i>coxalis</i> (Hammer, 1952)			X	
	<i>Epidamaeus</i> nr <i>kodiakensis</i> Hammer, 1967			X	
	<i>Epidamaeus</i> sp.*	X			
Cepheidae	<i>Cepheus corae</i> Jacot, 1928	X	X	X	
	<i>Cepheus</i> sp. (possibly <i>C. latus</i> C.L. Koch, 1836)			X	
	<i>Conoppia</i> sp.	X	X		
	<i>Eupterotegaeus rhamphosus</i> Higgins & Woolley, 1963	X	X		
	<i>Eupterotegaeus</i> nr <i>rostratus</i> Higgins & Woolley, 1963	X	X		
	<i>Eupterotegaeus</i> sp.			X	
	<i>Ommatocephus ocellatus</i> (Michael, 1882)	X	X		
	<i>Sphodrocephus anthelionus</i> Woolley & Higgins, 1968	X			
Podopterotegaeidae	<i>Podopterotegaeus tectus</i> Aoki, 1969 [†]				
Polypterozetidae	<i>Polypterozetes</i> sp.			X	
Nodocephidae	<i>Nemacepheus dentatus</i> Aoki, 1968	X			
Microzetidae	Microzetidae nr <i>Kalyptrazetes</i>	X			
Caleremaeidae	<i>Caleremaeus</i> sp.	X			
	<i>Veloppia kananaskis</i> Norton, 1978			X	X
Hungarobelbidae	<i>Hungarobelba</i> sp.	X	X		
	<i>Hungarobelba</i> sp.	X			

Damaeolidae	<i>Damaeolus</i> sp.	X						
Eremaeidae	<i>Eremaeus boreomontanus</i> Behan-Pelletier, 1993							X
	<i>Eremaeus brevitarsus</i> (Ewing, 1971)					X		
	<i>Eremaeus occidentalis</i> Behan-Pelletier, 1993	X						X
	<i>Eremaeus plumosus</i> Woolley, 1964	X						
	<i>Eremaeus salish</i> Behan-Pelletier, 1993							X
	<i>Eremaeus translamellatus</i> Hammer, 1952	X				X	X	X
	<i>Eueremaeus acostulatus</i> Behan-Pelletier, 1993	X	X	X				
	<i>Eueremaeus aysineep</i> Behan-Pelletier, 1993	X						X
	<i>Eueremaeus chiatous</i> (Higgins, 1979)	X	X					X
	<i>Eueremaeus foveolatus</i> (Hammer, 1952)	X						X
	<i>Eueremaeus higginsi</i> Behan-Pelletier, 1993				X			
	<i>Eueremaeus marshalli</i> Behan-Pelletier, 1993	X		X		X		X
	<i>Eueremaeus michaeli</i> Behan-Pelletier, 1993	X						X
	<i>Eueremaeus osoyoosensis</i> Behan-Pelletier, 1993							X
	<i>Eueremaeus stiktos</i> (Higgins, 1962)	X						
<i>Tricheremaeus</i> sp.		X						
Megeremaeidae	<i>Megeremaeus montanus</i> Higgins and Woolley, 1965	X	X					
	<i>Megeremaeus kootenai</i> Behan-Pelletier, 1990				X			X
Tenuialidae	<i>Peltenuiala pacifica</i> Norton, 1983	X						
Kodiakellidae	<i>Kodiakella lutea</i> Hammer, 1967	X						
Liacaridae	<i>Dorycranosus</i> nr <i>acutidens</i> (Aoki, 1965)	X	X					
	<i>Dorycranosus</i> sp.	X						
	<i>Dorycranosus</i> sp.	X						
	<i>Dorycranosus</i> sp.	X						
	<i>Liacarus bidentatus</i> Ewing, 1918	X	X			X		
	<i>Liacarus cidarus</i> Woolley, 1968	X						
	<i>Liacarus latus</i> Ewing, 1909	X						
	<i>Liacarus</i> nr <i>robustus</i> (Gervais, 1844)	X						
	<i>Liacarus</i> sp.	X						
	<i>Liacarus</i> sp.	X						
Astegistidae	<i>Cultroribula</i> nr <i>bicultrata</i> (Berlese, 1905)	X	X	X		X		
	<i>Furcoribula</i> sp.	X	X					
Peloppiidae	<i>Ceratoppia bipilis</i> (Hermann, 1804)							X
	<i>Ceratoppia quaridentata arctica</i> Hammer, 1955		X			X		X
	<i>Ceratoppia indentata</i> Lindo, 2011	X						
	<i>Ceratoppia longicuspis</i> Lindo, 2011	X						
	<i>Ceratoppia offarostrata</i> Lindo, 2011	X						
	<i>Ceratoppia tofinoensis</i> Lindo, 2011	X						
	<i>Ceratoppia valerieae</i> Lindo, 2011	X						
	<i>Dendrozetes jordani</i> Lindo et al., 2010	X	X					
	<i>Metrioppia oregonensis</i> Woolley & Higgins, 1969	X						
	<i>Metrioppia</i> sp.	X						
Gustaviidae	<i>Parapyroppia lamellata</i> (Ewing, 1909)	X	X				X	
	<i>Pyroppia</i> sp.						X	
	<i>Gustavia</i> sp.	X						
Carabodidae	<i>Carabodes colorado</i> Reeves & Behan-Pelletier, 1998	X						X
	<i>Carabodes dickinsoni</i> Reeves & Behan-Pelletier, 1998	X						
	<i>Carabodes hoh</i> Reeves and Behan-Pelletier, 1998	X						
	<i>Carabodes labyrinthicus</i> (Michael, 1879)							
	<i>Carabodes willmanni</i> Bernini, 1975	X						
	<i>Carabodes wonalancetanus</i> Reeves, 1989							X
Tectocephidae	<i>Tectocephus velatus</i> (Michael, 1880)	X	X	X	X	X	X	X

Oppiidae	<i>Discoppia</i> sp.	X							
	<i>Lauroppia</i> sp.				X		X		
	<i>Medioppia</i> sp.	X							
	<i>Micropoppia simplissimus</i> (Jacot, 1938)							X	
	<i>Moritzoppia clavigera</i> (Hammer, 1952)	X					X	X	
	<i>Multioppia</i> sp.	X	X		X		X		
	<i>Multioppia</i> sp.	X							
	<i>Oppia</i> sp.						X		
	<i>Oppiella nova</i> (Oudemans, 1902)	X	X				X	X	X
	<i>Oppiella</i> sp.	X	X						
	<i>Oppiella</i> sp.	X							
	<i>Ramusella (Insculptoppia)</i> sp.	X							
	<i>Ramusella (Insculptoppia)</i> sp.	X							
	<i>Ramusella (Ramusella)</i> sp.	X	X						
	Quadropiidae	<i>Quadropia ferrumequina</i> (Jacot, 1938)							X
	<i>Quadropia quadricarinata</i> (Michael, 1885)	X			X		X	X	
Suctobelbidae	<i>Allosuctobelba nr gigantea</i> (Hammer, 1955)	X							
	<i>Allosuctobelba</i> sp.	X			X				
	<i>Rhinosuctobelba</i> sp. (possibly <i>R. dicerosa</i> Woolley & Higgins, 1968)	X							
	<i>Rhynchobelba</i> sp.	X							
	<i>Suctobelba</i> sp.						X		
	<i>Suctobelba</i> sp.						X		
	<i>Suctobelbella acutidens</i> (Forsslund, 1941)							X	
	<i>Suctobelbella palustris</i> (Forsslund, 1953)							X	
	<i>Suctobelbella nr acutidens</i> (Forsslund, 1941)						X	X	
	<i>Suctobelbella nr laxtoni</i> Jacot, 1937							X	
	<i>Suctobelbella nr longicuspis</i> Jacot, 1937	X			X		X		
	<i>Suctobelbella nr sarekensis</i> (Forsslund, 1941)							X	
	<i>Suctobelbella nr subcornigera</i> (Forsslund, 1941)								
	<i>Suctobelbella</i> sp. [^]	X					X		
	<i>Suctobelbella</i> sp. [^]	X					X		
	<i>Suctobelbella</i> sp. [^]	X					X		
	<i>Suctobelbella</i> sp. [^]	X					X		
	<i>Suctobelbella</i> sp. [^]	X					X		
	<i>Suctobelbella</i> sp. [^]	X					X		
	<i>Suctobelbella</i> sp. [^]	X					X		
	<i>Suctobelbella</i> sp. [^]	X					X		
Autognetidae	<i>Autogmeta nr longilamellata</i> (Michael, 1885)	X	X		X				
	<i>Autogmeta</i> sp.	X							
	<i>Rhaphigneta</i> sp.		X						
Thyrisomidae	<i>Banksinoma lanceolata canadensis</i> Fujikawa, 1979	X	X						
	<i>Banksinoma nr setosa</i> (Rjabinin, 1974)						X		
	<i>Banksinoma</i> sp.	X							
Hydrozetidae	<i>Hydrozetes lacustris</i> (Michael, 1882)								
Ameronothridae	<i>Ameronothrus nigrofemoratus</i> (L. Koch, 1879)	X							
Selenoribatidae	<i>Thalassozetes</i> sp.	X							
Cymbaeremaeidae	<i>Ametroproctus beringianus</i> Behan-Pelletier, 1987						X		
	<i>Ametroproctus canningsi</i> Behan-Pelletier, 1987							X	
	<i>Ametroproctus oresbios</i> Higgins & Woolley, 1968							X	
	<i>Ametroproctus reticulatus</i> Aoki & Fujikawa, 1972	X	X					X	
	<i>Ametroproctus tuberculosus</i> Behan-Pelletier, 1987 ⁺							X	
	<i>Scapheremaeus palustris</i> (Sellnick, 1924)	X	X						
	<i>Scapuleremaeus kobauensis</i> Behan-Pelletier, 1989							X	
Dendroeremaeidae	<i>Dendroeremaeus krantzi</i> Behan-Pelletier et al., 2005		X						

Licneremaeidae	<i>Licneremaeus</i> sp.	X						
Passalozetidae	<i>Passalozetes californicus</i> Wallwork, 1972							
Scutoverticidae	<i>Exochocepheus eremitus</i> Woolley & Higgins, 1968							X
Phenopelopiidae	<i>Eupelops</i> nr <i>plicatus</i> (C.L. Koch, 1835)					X		
	<i>Eupelops</i> sp. (possibly <i>E. septentrionalis</i> (Trägårdh, 1910))	X	X					
	<i>Propelops canadensis</i> (Hammer, 1952)	X						X
	<i>Propelops monticolus</i> (Ewing, 1918)							
	<i>Propelops pinicus</i> Jacot, 1937							X
Unduloribatidae	<i>Unduloribates diana</i> Behan-Pelletier & Walter 2009							
Tegoribatidae	<i>Lepidozetes</i> sp.							X
	<i>Tegoribates</i> sp.	X						
Achipteriidae	<i>Achipteria</i> nr <i>curta</i> Aoki, 1970	X						
	<i>Achipteria</i> sp.	X						
	<i>Anachipteria australoides</i> Jacot, 1938	X						
	<i>Anachipteria acuta</i> (Ewing, 1918)	X						
	<i>Anachipteria geminus</i> Lindo et al., 2008	X	X					
	<i>Dentachipteria</i> sp.	X						
	<i>Parachipteria nivalis</i> (Hammer, 1952)							X
Oribatellidae	<i>Oribatella canadensis</i> Behan-Pelletier & Eamer 2010							X
	<i>Oribatella</i> sp.	X	X					
	<i>Oribatella</i> sp.	X						
	<i>Oribatella</i> sp.							X
	<i>Oribatella</i> sp.							
	<i>Oribatella</i> sp.							
Oribatulidae	<i>Diphauloppia</i> sp.					X		
	<i>Eporibatula</i> sp.							
	<i>Jornadia</i> sp.						X	
	<i>Oribatula tibialis</i> (Nicolet, 1855)						X	X
	<i>Oribatula</i> sp.	X	X	X				X
	<i>Phauloppia</i> sp.	X	X	X				
	<i>Phauloppia</i> sp.	X						
<i>Zygoribatula</i> sp.	X		X				X	
Haplozetidae	<i>Xylobates</i> sp.	X						
Scheloribatidae	<i>Liebstadia</i> sp. (possibly <i>L. similis</i> (Michael, 1888))	X						
	<i>Liebstadia</i> sp.	X						
	<i>Parapirmodus coniferinus</i> Behan-Pelletier et al., 2002	X	X	X				
	<i>Parapirmodus hexaporosus</i> Behan-Pelletier et al., 2002	X	X					
	<i>Paraleius</i> sp.	X						
	<i>Scheloribates (Hemileius)</i> sp.	X	X	X				
	<i>Scheloribates</i> sp. (possibly <i>S. pallidulus</i> (C.L. Koch, 1841))	X	X	X		X		
	<i>Scheloribates (Scheloribates)</i> sp.	X	X			X		
	<i>Scheloribates (Scheloribates)</i> sp.	X						
Chamobatidae	<i>Chamobates</i> sp.	X		X				
Zetomimidae	<i>Heterozetes aquaticus</i> (Banks, 1895)							
	<i>Zetomimus francisi</i> (Habeeb, 1974)							
Ceratokalummidae	<i>Cultrobates</i> sp.						X	
Ceratozetidae	<i>Ceratozetes cuspidatus</i> Jacot, 1939	X		X		X		X
	<i>Ceratozetes gracilis</i> (Michael, 1884)							X
	<i>Ceratozetes oresbios</i> Behan-Pelletier, 1984					X		X
	<i>Ceratozetes pacificus</i> Behan-Pelletier, 1984	X						
	<i>Ceratozetes thienemanni</i> Willmann, 1943			X		X		X
	<i>Ceratozetes</i> sp.	X						
	<i>Dentizetes rudentiger</i> Hammer, 1952		X			X		X

	<i>Jugatala tuberosa</i> Ewing, 1913	X	X				
	<i>Jugatala</i> sp.		X	X			
	<i>Latilamellobates baloghi</i> (Mahunka, 1983)	X					
	<i>Melanozetes crossleyi</i> Behan-Pelletier, 2000	X					
	<i>Neogymnobates luteus</i> (Hammer, 1955)					X	
	<i>Neogymnobates marilynae</i> Behan-Pelletier, 2000	X	X	X			
	<i>Sphaerozetes winchesteri</i> Behan-Pelletier, 2000	X					
	<i>Sphaerozetes</i> sp.	X					
	<i>Sphaerozetes</i> sp.	X					
	<i>Sphaerozetes</i> sp.					X	
	<i>Trichoribates copperminensis</i> Hammer, 1952					X	
	<i>Trichoribates</i> sp.	X					
Humerobatidae	<i>Humerobates arborea</i> (Banks, 1895)		X				
	<i>Humerobates rostromellatus</i> Grandjean, 1936						X
Mycobatidae	<i>Cyrtozetes lindoae</i> Behan-Pelletier, 2008	X	X	X			
	<i>Mycobates acuspidatus</i> Behan-Pelletier, 2001	X	X				
	<i>Mycobates azaleos</i> Behan-Pelletier, 1994						X
	<i>Mycobates beringianus</i> Behan-Pelletier, 1994		X				
	<i>Mycobates brevilamellatus</i> Behan-Pelletier, 1994						X
	<i>Mycobates corticeus</i> Behan-Pelletier, 2001	X	X	X			
	<i>Mycobates incurvatus</i> Hammer, 1952					X	X
	<i>Mycobates occidentalis</i> Behan-Pelletier, 1994	X					
	<i>Mycobates parmelliae</i> (Michael, 1884)		X				
	<i>Mycobates punctatus</i> Hammer, 1955					X	X
	<i>Punctoribates palustris</i> (Banks, 1895)	X					
	<i>Punctoribates punctum</i> (C.L. Koch, 1839)	X					
	<i>Zachvatkinibates epiphytos</i> Behan-Pelletier et al., 2001		X				
	<i>Zachvatkinibates maritimus</i> Shaldybina 1973	X					
	<i>Zachvatkinibates nortoni</i> Behan-Pelletier et al., 2005	X					
	<i>Zachvatkinibates schatzii</i> Behan-Pelletier et al., 2005	X					
	<i>Zachvatkinibates</i> sp. (possibly <i>Z. quadrivertex</i> Halbert 1920 from YT)						X
Galumnidae	<i>Pilogalumna</i> nr <i>tenuiclava</i> (Berlese, 1908)					X	
	<i>Pilogalumna</i> sp.	X					
	Totals	230	65	50	85	26	63

‡ unconfirmed record for BC

* possibly a species already listed (over estimate)

^ possibly more species than listed (underestimate)