



The terrestrial and  
freshwater invertebrate  
fauna of Svalbard: a  
check and reference list.

## Notes: This is not a definitive checklist!

This list is based on a collection of over 500 articles concerning the terrestrial invertebrate fauna of Svalbard. Nonetheless it should be not be considered as an accurate overview of the complete invertebrate fauna of the archipelago. The terrestrial invertebrate fauna is largely only known from two localities on Svalbard, Ny-Ålesund (Kongsfjord) and the Longyearbyen region. Little is known about the fauna of the east coast or the interior. In addition there are large numbers of doubtful identifications and confusion in the taxonomy.

Wherever possible synonyms occurring in the Svalbard literature are presented in smaller font

For further details and comments on the species refer to:-

Coulson, S.J. 2007 The terrestrial and freshwater invertebrate fauna of the High Arctic archipelago of Svalbard. *Zootaxa* 1448; 41-58.

Coulson, S.J. \_Refseth, D. (2004) The terrestrial and freshwater invertebrate fauna of Svalbard (and Jan Mayen), pp57-122 in A catalogue of the terrestrial and marine animals of Svalbard (eds. Prestrud, P. Strøm H. Goldman H.). *Skrifter* 201. Norwegian Polar Institute, Tromsø.

Steve Coulson 17. oktober 2008

Authorities in the main obtained from 'Thomson Index to Organism Names', <http://www.organismnames.com/query.htm> or 'Animal Diversity Web', <http://animaldiversity.ummz.umich.edu/site/index.html>

Cover map M. Daase; photograph S. Coulson, Tunebreen.



## **Sarcomastigophora**

### **Heliozoa**

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#### **Acanthocytidae**

*Acanthocystis sp.*

#### **Actinophryidae**

*Actinophrys sol Ehrenberg*

#### **Clathruliniidae**

*Clathrulina elegans Cienk*



## Zoomastigophorea

### Cercomonadida

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#### **Cercomonadidae**

*Cercomonas gigantea* Myl'nikov 460

*Cercomonas kiaerdammane* Myl'nikov 460



## Rhizopoda

### Filosea

#### Gromiida

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#### **Cyphoderiidae**

*Cyphoderia ampulla* Leidy

22

*Cyphoderia perlucidus* Beyens and Charedez

21 22

#### **Euglyphidae**

*Assulina muscorum* Greeff

14 22 24 25 244 260

*Assulina muscorum* var. *denticulata* Chardez

22

*Assulina muscorum* var. *stenostoma* Schönborn

22 260

*Assulina seminulum* (Ehrenberg) Leidy

14 260 319



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<i>Euglypha acanthophora</i> Perty	22	25		
<i>Euglypha alveolata</i> Dujardin	319			
<i>Euglypha ciliata</i> Ehrenberg	14	22	319	
<i>Euglypha ciliata</i> var. <i>glabra</i> Wailes	260			
<i>Euglypha cristata</i> Leidy	319			
<i>Euglypha compressa</i> Carter	22	260		
<i>Euglypha filifera</i> Penard	22			
<i>Euglypha laevis</i> (Ehrenberg) Perty	14	22	244	260
<i>Euglypha laevis</i> var. <i>lanceolata</i> Playfair	22			



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Euglypha minor</i> Chardez	22					
<i>Euglypha polylepsis</i> Bonnet and Thomas	22					
<i>Euglypha rotunda</i> Wailes and Penard	14	21	22	24	25	260
<i>Euglypha rotunda</i> var. <i>dorsalis</i> Decloitre	14					
<i>Euglypha rotunda</i> var. <i>glabra</i> Wailes	14					
<i>Euglypha rotunda</i> var. <i>minor</i> Wailes	14					
<i>Euglypha strigosa</i> Leidy	22	24	25			
<i>Euglypha strigosa</i> f. <i>glabra</i> Wailes	14	22	24	25	244	260
<i>Euglypha strigosa</i> var. <i>muscorum</i> Wailes	22	24				



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<i>Euglypha tuberculata</i> Dujardin	14	22	25	420	421
<i>Euglypha tuberculata</i> var. <i>subcylindrica</i> (Playfair) Decloitre	14				
<i>Euglypha</i> sp.	486				
<i>Tracheleuglypha dentata</i> (Vejdovsky) Deflandre	244				
<i>Valkanovia delicatula</i> Valkanov	14				
<b>Gromiidae</b>					
<i>Gromia</i> sp.	319				
<i>Nadinella tenella</i> Penard	244				
<i>Pseudodiffugia globulosa</i> Stepanek	244				





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<i>Pseudodiffugia gracilis</i> Schlumberger	22	244		
<i>Pseudodiffugia gracilis</i> var. <i>terricola</i> Bonnet and Thomas		244		
<i>Pseudodiffugia senartensis</i> Couteaux		244		
<b>Paulinellidae</b>				
<i>Paulinella chromatophora</i> Lauterborn		22		
<b>Trinematidae</b>				
<i>Corythion aerophila</i> Decoitre		24		
<i>Corythion delamarei</i> Bonnet and Thomas		14		
<i>Corythion dubium</i> Taranek	14	22	24	260
<i>Corythion dubium</i> var. <i>aerophila</i> Decloitre	14	24		



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<i>Corythion dubium f. minima</i> Chardez	22	24				
<i>Corythion dubium var. orbicularis</i> Penard	22	24				
<i>Corythion dubium var. terricola</i> Schönborn	244					
<i>Corythion pulchellum</i> Penard	14					
<i>Trinema complanatum</i> Penard	22	25				
<i>Trinema complanatum var. globulosa</i> Chardez	22					
<i>Trinema enchelys</i> (Ehrenberg) Leidy	14	22	24	25	260	319
<i>Trinema lineare</i> Penard	14	21	22	25	244	260
<i>Trinema lineare f. minuscula</i> Chardez	14	22				



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<i>Trinema lineare f. truncatum</i> Chardez	22
<i>Trinema lineare var. longa</i> Korganova	22
<i>Trinema navicularis</i> Decloitre	22
<i>Trinema penardi</i> Thomas and Chardez	22



## Lobosea

### Amoebida

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#### **Amoebidae**

*Amoeba radiosa* Ehrenberg

*Amoeba verrucosa* Ehrenberg

### Arcellinida

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#### **Arcellidae**

*Arcella atrocera* Leidy

319

*Arcella arenaria* Greeff

22

25

260

*Arcella arenaria f. compressa* Chardez

22

24

*Arcella arenaria var. sphagnicola* Deflandre

22



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<i>Arcella bathystoma</i> Deflandre	22		
<i>Arcella discoides</i> Ehrenberg	22	244	
<i>Arcella ovaliformis</i> Chardez and Beyens	22	61	
<i>Arcella rotundata</i> Playfair	22	24	25
<i>Arcella rotundata</i> var. <i>aplanata</i> Deflandre	22		
<i>Arcella rotundata</i> var. <i>undulata</i> Stepanek	22	25	
<i>Arcella vulgaris</i> Ehrenberg	14	420	421
<i>Chlamydothrys stercorea</i> Cienk	319		
<i>Cochliopodium erinaceum</i> Penard	14		



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<i>Cochliopodium obscurum</i> Penard	22	25
<i>Cochliopodium opalinum</i> Penard	22	25
<i>Diffugiella horrida</i> Schönborn	14	
<i>Diffugiella oviformis</i> (Penard) Bonnet and Thomas	14	
<i>Diffugiella pusilla</i> (Playfair) Grospietsch		
<i>Microcorycia flava</i> Greef	22	25
<i>Microcorycia husvikensis</i> Beyens and Chardez	23	
<i>Parmulina lousi</i> Chardez and Beyens	22	
<i>Pseudochlamys patella</i> C. and L.	319	



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<i>Pyxidicua cymbalum</i> Penard	25						
<i>Pyxidicula ornata</i> Bartos	14						
<i>Trinema / Carythion</i> sp.	421						
<b>Centropyxidae</b>							
<i>Centropyxis aculeata</i> Stein	22	25	244				
<i>Centropyxis aculeata f. compressa</i>	244						
<i>Centropyxis acuminata</i> Couteaux and Chardez	22						
<i>Centropyxis aerophila</i> Deflandre	14	21	22	24	25	244	260
<i>Centropyxis aerophila var. constricta</i> Decloitre	22						



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<i>Centropyxis aerophila var. deflandrei</i> Decloitre	22					
<i>Centropyxis aerophila var. sphagnicola</i> Deflandre	14	22	24	25	244	260
<i>Centropyxis aerophila var. minuta</i> Chardez	24	25				
<i>Centropyxis cassis</i> (Wallach) Deflandre	14	22				
<i>Centropyxis cassis var minima</i> van Oye	22	420	421			
<i>Centropyxis constricta</i> (Ehrenburg) Penard	14					
<i>Centropyxis cordiformis</i> Couteaux	22					
<i>Centropyxis delicatula</i> Penard	22					
<i>Centropyxis delicatula var. maior</i> Jung	22					





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<i>Centropyxis ecornis</i> Leidy	22		
<i>Centropyxis ecornis</i> var. <i>deflandrei</i> Thomas	14		
<i>Centropyxis gasparella</i>	516		
<i>Centropyxis gasparella</i> var. <i>corniculata</i> Beyens and Chardez	516		
<i>Centropyxis gibba</i> var. <i>gibbosa</i> Godeanu	21	22	23
<i>Centropyxis globulosa</i> Bonnet and Thomas	22		
<i>Centropyxis laevigata</i> var. <i>maior</i> Jung	22		
<i>Centropyxis lata</i> Jung	22		
<i>Centropyxis minima</i> Deflandre	22		



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<i>Centropyxis minuta</i> Deflandre	22					
<i>Centropyxis orbicularis</i> Deflandre	14	22				
<i>Centropyxis plagiostoma</i> Bonnet and Thomas	21	22	260			
<i>Centropyxis platystoma</i> (Penard) Deflandre	14	22	244	260	420	421
<i>Centropyxis pontigulasiformis</i> Beyens and Chardez	21	22	244			
<i>Centropyxis sylvatica</i> Thomas	21	22	24	244		
<i>Centropyxis sylvatica</i> var. <i>minor</i> Bonnet and Thomas	22					
<i>Centropyxis ventricosa</i> Bartos	22					

### **Cryptodiffugiidae**



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<i>Cryptodiffugia compressa f. angustioris</i> Tarnogradsky	22	24		
<b>Diffugiidae</b>				
<i>Diffugia bacillifera</i> Penard	22			
<i>Diffugia bryophila</i> Jung	21	22	24	244
<i>Diffugia compressa var. minima</i> Schönborn	244			
<i>Diffugia constricta</i> Ehrenberg	319			
<i>Diffugia dujardini</i> Chardez	21	22		
<i>Diffugia elegans</i> Penard	244			
<i>Diffugia elegans var. parva</i> Chardez	244			



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<i>Diffugia glans</i> Penard	22	24			
<i>Diffugia globularis</i> Leidy	21	22			
<i>Diffugia globulosa</i> Dujardin	22	24	260	319	
<i>Diffugia globulus</i> Hopkinson	21	22			
<i>Diffugia lucida</i> Penard 1902	14	21	22	25	247
<i>Diffugia lacustris</i> Jung	22	25			
<i>Diffugia lata</i> Jung	21	22			
<i>Diffugia linearis</i> (Penard) Gauthier-Lievre and Thomas	22	25			
<i>Diffugia minuta</i> Rampi	21	22			



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<i>Diffugia paulii</i> Ogden	21	22		
<i>Diffugia penardi</i> Hopkinson	21	22	244	
<i>Diffugia pulex</i> Penard	14	22	25	247
<i>Diffugia pulex</i> var. <i>cuneata</i> Playfair	22			
<i>Diffugia pyriformis</i> Perty	244	319		
<i>Diffugia tuberculata</i> Playfair	24			
<i>Diffugia tuberculata</i> var. <i>sphaerica</i> Playfair	22			
<i>Diffugia</i> sp.	244	260	420	421

**Hyalospheniidae**



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<i>Heleopera petricola</i> Leidy	22	24	319			
<i>Heleopera petricola</i> var <i>amethystea</i> Penard	22	25				
<i>Heleopera sylvatica</i> Penard	22					
<i>Nebela bohémica</i> Taranek	14	22				
<i>Nebela collaris</i> Leidy	22	25	260	244	258	319
<i>Nebela dentistoma</i> Penard	14	22	25			
<i>Nebela dentistoma</i> var. <i>oblonga</i> Gaut.-L and Thomas	21	22				
<i>Nebela flabellum</i> Leidy	22					
<i>Nebela galeata</i> Penard	22					



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<i>Nebela lageniformis</i> Penard	22	25	244					
<i>Nebela militaris</i> Penard	22	24	25					
<i>Nebela minor</i> Penard	22	24						
<i>Nebela nobilis</i> Deflandre	22	25						
<i>Nebela parvula</i> Penard	14							
<i>Nebela penardiana</i> Deflandre	21	22	25					
<i>Nebela tincta</i> (Leidy) Awerintzew	14	21	22	24	25	258	420	421
<i>Nebela tincta</i> f. <i>stenostoma</i> Jung	22							
<i>Nebela tincta</i> var. <i>rotunda</i> Penard	22							



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<i>Nebela tubulosa</i> Penard	21	22
<i>Nebela wailesi</i> Deflandre	21	22
<b>Lesquereusiidae</b>		
<i>Netzelia labeosa</i> Beyens and Chardez	23	
<b>Microcoryciidae</b>		
<i>Microchlamys patella</i> (Claparede and Lachmann) Cockerell		
<i>Microchlamys patella</i> var. <i>arctica</i> Penard	22	25
<b>Nebelidae</b>		
<i>Schönbornia smithi</i> Beyens and Chardez	23	
<i>Schönbornia</i> sp. A	22	
<b>Paraquadrulidae</b>		
<i>Paraquadrula discoides</i> (Penard)	260	





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<i>Paraquadrula globulosa</i> Ferlan	21	22					
<i>Paraquadrula irregularis</i> Deflandre	21	22	25				
<i>Paraquadrula madarica</i> Valkanov	21	22					
<i>Paraquadrula ogdeni</i> Byens and Chardez	23						
<i>Paraquadrula rotunda</i> Schönborn	22	260					
<b>Phryganellidae</b>							
<i>Phryganella acropodia</i> Hopkinson	14	22	24	25	244	258	260
<i>Phryganella acropodia</i> var. <i>penardi</i> Decloitre	14	22	260				
<i>Phryganella microps</i> Valkanov	14						



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<i>Phryganella nidilus</i> Penard	22			
<i>Phryganella paradoxa</i> var. <i>alta</i> Bonnet and Thomas	260			
<i>Phryganella paradoxa</i> Penard	22			
<b>Plagiopyxidae</b>				
<i>Plagiopyxis bathystoma</i> Bonnet	22			
<i>Plagiopyxis callida</i> Penard	14	21	22	25
<i>Plagiopyxis callida</i> var. <i>grandis</i> Thomas	22	244		
<i>Plagiopyxis declivis</i> Thomas	14	22		
<i>Plagiopyxis labiata</i> Penard	14	21	22	244



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<i>Plagiopyxis minuta</i> Bonnet	14	260
<i>Plagiopyxis oblonga</i> (Bonnet and Thomas) Bonnet	14	
<i>Plagiopyxis penardi</i> Thomas	22	25
<b>Trigonopyxidae</b>		
<i>Cyclopyxis ambigua</i> Bonnet and Thomas	22	
<i>Cyclopyxis ampulla</i> Leidy		
<i>Cyclopyxis arcelloides</i> var. <i>gibbosa</i> van Oye	22	
<i>Cyclopyxis arcelloides</i> var. <i>minima</i> van Oye	22	
<i>Cyclopyxis eurystoma</i> Deflandre	22	



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<i>Cyclopyxis eurystoma</i> var. <i>stenostoma</i> Decloitre	22			
<i>Cyclopyxis kahli</i> Deflandre				
<i>Cyclopyxis leclerqi</i> Beyens and Chardez	21	25		
<i>Cyclopyxis perlucidus</i> Beyens and Chardez				
<i>Cyclopyxis plana</i> var. <i>microstoma</i> Schönborn	14	260		
<i>Cyclopyxis puteus</i> Thomas	22			
<i>Trigonopyxis arcula</i> Penard	14	22	420	421
<b>Vahlkampfiidae</b>				
<i>Naegleria polaris</i> De Jonckheere 2006	386			



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<i>Naegleria neopolaris</i> De Jonckheere 2006	386
<i>Naegleria arctica</i> De Jonckheere 2006	386
<i>Naegleria spitzbergensis</i> De Jonckheere 2009	386



## **Ciliophora**

### **Kinetofragminophorea**

#### **Colpodida**

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*Cyrtolophosis mucicola* Stokes 1885 511

*Platyophrya vorax* Kahl 1926□ 511

*Rostrophryides* sp. nov. 511

#### **Colpodidae**

*Colpoda cucullus* (Müller 1773) 319

#### **Cyrtophorida**

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—

*Odontochlamys alpestris* Foissner 1981 511



*Chilodonella uncinata* (Ehrenberg 1835) 511

### **Nassulida**

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*Furgasonia cf. trichocystis* 511

*Kreyella minuta* Foissner 1979 511

*Leptopharynx costatus* Mermod 1914 511

### **Pleurostomatida**

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*Litonotus lamella* (Müller 1773) 511

*Askenasia sp.* 440

### **Prostomatida**



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—  
*Dileptus margaritifer* (Ehrenberg 1833) 511

*Fuscheria cf. nodosa* 511

*Phialina vertens* (Stokes, 1885) 511

*Protospathidium* sp. 511

*Trachelophyllum apiculatum* (Perty 1852) 511

*Lacrymaria filiformis* 511

*Monodinium* sp. 469

**Urotrichidae**





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*Urotricha agilis* (Stokes 1886) 511

*Urotricha cf. armata* 511

**Suctorida**

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*Sphaerophrya terricola* Foissner 1986 511

**Synhymeniida**

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*Nassulopsis cf. elegans* 511



## Oligohymenophorea

### Hymenostomatida

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*Frontonia acuminata* (Ehrenberg 1833) 511

*Frontonia angusta* 511

*Tetrahymena rostrata* 511

### Cinetochilidae

*Cinetochilum margaritaceum* (Perty 1852) 511

### Oxytrichidae

*Paramecium arcticum* Doroszewski 511

*Paramecium aurelia* complex 511

### Peritrichida



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—  
*Opercularia coarctata* Claparede & Lachmann 1854 511

*Pseudovorticella monilata* (Tatem 1870) 511

**Mobilidae**

*Trichodina tentaculata* 511

**Sessilidea**

*Ophrydium versatile* 511

*Vorticella aquadulcis* complex 511

*Vorticella infusionum* complex 511

*Vorticella microstoma* 511

**Scuticociliatida**



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*Cyclidium glaucoma* Müller 1773 511

*Sathrophilus muscorum* (Kahl 1931) 511

*Protocyclidium muscicola* (Kahl 1931) 511



## **Polyhymenophorea**

### **Heterotrichida**

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—

*Blepharisma hyalinum* Perty 1849 511

*Bryometopus pseudochilodon* Kahl 1932 511

*Climacostomum virens* (Ehrenberg 1838) 511

### **Hypotrichida**

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—

*Aspidisca cicada* (Müller 1786) 511

*Oxytricha balladyna* Song & Wilbert 1989 511



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<i>Oxytricha setigera</i> Stokes 1891	511
<i>Oxytricha similis</i> Engelmann 1862	511
<i>Sterkiella histriomuscorum</i> Foissner, Blatterer, Berger & Kohmann 1991	511
<i>Stichotricha aculeata</i> Wrzesniowski 1866	511
<i>Stylonychia mytilus</i> complex	511
<i>Uroleptus gallina</i> (Müller 1786)	511
<b>Oxytrichidae</b>	
<i>Stylonychia pustulata</i> (Müller 1786)	

**Oligotrichida**

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<i>Halteria grandinella</i> (Müller 1773)	440	
<i>Halteria</i> sp.	440	469
<i>Limnostrombidium viride</i> (Stein 1859)	440	
<i>Rimostrombidium</i> sp.		
<i>Stombidium</i> sp	440	469



## Rhizopoda

### Lobosea

#### Arcellinida

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##### **Arcellidae**

*Arcella cinctus*

420 421

##### **Centropyxidae**

*Cyclopyxis arcelloides van Oye*

420 421

##### **Paraquadrulidae**

*Phryganella sp*

486





## Apicomplexa

### Sporozoea

#### Coccidia

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#### Sporozoea

*Sarcocystis* sp.

*Isospora plectrophenaxia* Dolnik and Loonen 2007

517



## Rotifera

### Digononta

#### Bdelloidea

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#### **Adinetidae**

*Adineta barabata* Janson 1893

46 305 319

*Adineta gracilis* Janson 1893

46 305 319

*Adineta vaga* (Davis 1873)

46 305 319

#### **Habrotrochidae**

*Habrotrocha angusticollis* (Murray 1905)

319

*Habrotrocha aspera* (Bryce 1892)

319

*Callidina aspera* Bryce



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<i>Habrotrocha bidens</i> (Gosse 1851)	45	46	319
<i>Habrotrocha milnei</i> Bryce			
<i>Habrotrocha constricta</i> (Dujardin 1841)	45	46	305 319
<i>Callidina constricta</i> Dujardin			
<i>Habrotrocha elegans</i> (Milne 1886)	319		
<i>Callidina venustra</i> Bryce			
<i>Habrotrocha insignis</i> Bryce 1915	45	46	305 319
<i>Habrotrocha lata</i> (Bryce 1892)	319		
<i>Callidina lata</i> Bryce			
<i>Habrotrocha pusilla</i> (Bryce 1893)	319		
<i>Callidina pusilla</i> Bryce			
<i>Habrotrocha pussila textrix</i> (Bryce 1897)	319		
<i>Habrotrocha</i> sp.	45	46	305



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### **Philodinidae**

<i>Ceratrocha cornigera</i> (Bryce 1893)	46	319				
<i>Macrotrachela aculeata</i> Milne 1886	46	319				
<i>Macrotrachela concinna</i> (Bryce 1912)	46	319				
<i>Macrotrachela ehrenbergii</i> (Janson 1893)	46	305	319			
<i>Macrotrachela insolita</i> de Koning 1947	87					
<i>Macrotrachela habita</i> (Bryce 1894)	46	305	319			
<i>Callidina habita</i> Bryce						
<i>Macrotrachela multispinosa multispinosa</i> Thomson 1892	305	319				
<i>Macrotrachela musculosa</i> (Milne 1886)	191	193	194	242	243	319
<i>Callidina musculosa</i> Milne						



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<i>Macrotrachela papillosa</i> (Thomson 1892)	46	319	
<i>Macrotrachela plicata plicata</i> (Bryce 1892)	46	319	
<i>Callidina plicata</i> Bryce			<i>Macrotrachela plicata</i> var <i>hirudinella</i> (Murray)
<i>Macrotrachela quadricornifera</i> Milne 1886	46	319	
<i>Mniobia incrassata</i> (Murray 1905)		319	
<i>Mniobia russeola</i> (Zelinka 1891)	45	46	319
<i>Callidina russeola</i> Zelenka			
<i>Mniobia tetraodon</i> (Ehrenberg 1848)		319	
<i>Callidina tetraodon</i> Ehrenberg			
<i>Philodinia acuticornis odiosa</i> Milne 1916	46	87	319
<i>Philodinia acuticornis</i> Murray			
<i>Philodinia brevipes</i> Murray 1902	46	319	



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Philodina erhthropthama</i> Ehrenberg 1832	319			
<i>Philodinia nemoralis</i> Bryce 1903	46	319		
<i>Philodinia rugosa rugosa</i> Bryce 1903	319			
<i>Pleuretra alpium</i> (Ehrenberg 1853)	46	319		
<i>Callidina alpium</i> Ehrenberg				
<i>Pleuretra brycei</i> (Weber 1898)	45	46	305	319
<i>Rotaria citrina</i> Ehrenberg 1838	319			
<i>Rotaria rotatoria</i> (Pallas)				
<i>Rotaria vulgaris</i> Schrank				
<i>Rotaria rotatoria</i> (Pallas)				
<i>Rotaria sordida sordida</i> (Western 1893)	305	319		
<i>Rotifer sordida</i> (Western)				



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Rotaria tardigrada* (Ehrenberg 1832)

319

*Rotifer tardigradus* Ehrenberg

*Rotifer tardus* Ehrenberg



## Monogononta

### Collothecacea

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#### Collothecidae

*Collotheca campanulata* (Dobie 1849)

85 90

*Collotheca libera* Zacharias 1894

316

*Collotheca ornata cornuta* (Dobie 1842)

84 85 172

*Collotheca ornata ornata* (Ehrenberg 1832)

85 88 171

*Collotheca* spp.

85 90

### Flosculariacea

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#### Filiniidae





## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Filinia terminalis* (Plate 1886) 246

### **Flosculariidae**

*Ptygura melicerta* (Ehrenberg 1832) 319

*Ptygura* spp. 83 84 85 88 90

### **Ploimida**

—

—

### **Brachionidae**

*Kellicottia longispina* (Kellicott 1879) 9 173 276 316 317

? *Notholca longispina*

*Keratella cochlearis* (Gosse 1851) 9 87 317

*Keratella hiemalis* (Carlin 1943) 9 10 90 173 246 316 317

*Keratella quadrata* (Müller 1786) 7 8 9 10 319

*Anuraea aculeata*



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Keratella testudo</i> (Ehrenberg 1832)	85								
<i>Keratella</i> sp.	440								
<i>Notholca acuminata</i> (Ehrenberg 1832)	9	10	85	319					
<i>Notholca acuminata</i> var. <i>extensa</i> Olofsson 1918	85								
<i>Notholca foliacea</i> (Ehrenberg 1838)	7	9	83	85	90	171	172	246	316
<i>Argonotholca foliacea</i> (Ehrenberg)									
<i>Notholca foliacea</i> var. <i>laticystyla</i> Olofsson									
<i>Notholca labis</i> Gosse 1887	83								
<i>Notholca laticystyla</i> (Olofsson 1918)		9	83	85	90	173			
<i>Notholca laticystyla</i> f. <i>amreni</i> De Smet and Bafort 1990	84	85							



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<i>Notholca marina</i> (Focke 1991)										85
<i>Notholca striata</i> (Müller)										9 10 319
<i>Notholca striata</i> var. <i>bipalium</i> (Müller)	<i>Notholca striata</i> f. <i>extensa</i> (Müller)									
<i>Notholca squamala</i> (Müller 1786)										9 10 84 85 88 90 171 172 317
<b>Colurellidae</b>										
<i>Colurella adriatica</i> Ehrenberg 1831										
<i>Colurella amblytelus</i> (Gosse 1851)										319
<i>Colurella colurus</i> (Ehrenberg 1830)										83 85 89 171 172 319
<i>Colurella geophila</i> Donner 1981										83
<i>Colurella hindenburgi</i> Steinecke 1917										83 85 90 317



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<i>Colurella obtusa</i> (Gosse 1886)	83	85	319						
<i>Colurella uncinata</i> (Müller 1773)	83	85	90						
<i>Lepadella acuminata</i> (Ehrenberg 1834)	83	85	90	319					
<i>Metopidia acuminata</i> Ehrenberg									
<i>Lepadella minuta</i> (Montet 1918)	83	85							
<i>Lepadella ovalis</i> (Müller 1786)	83	85	173	172	319				
<i>Metopidia lapadella</i>									
<i>Lepadella patella</i> (Müller 1786)	46	83	84	85	88	90	171	172	305
<i>Metopidia oblonga</i>									
<i>Lepadella quadricarinata</i> (Stenroos 1898)	83	85	319						
<i>Metopidia quadricarinata</i>									
<i>Lepadella triba</i> Myers 1934	85								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Lepadella triptera</i> Ehrenberg 1830	83	316
<i>Lophocaris oxysternon</i> (Goose 1851)	319	
<b>Dicranophoridae</b>		
<i>Albertia naidis</i> Bousfield 1886	83	
<i>Dicranophorus forcipatus</i> (Müller 1786)	83	85
<i>Encentrum bidentatum</i> (Lie-Pettersen 1906)	86	
<i>Encentrum dieteri</i> De Smet 1995	86	
<i>Encentrum felis</i> (Müller 1773)	319	
<i>Encentrum ferox</i> (Western) nom. dub		
<i>Encentrum ferox</i> (Western) nom. dub.		



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Encentrum grandi</i> Haring and Myers 1928	62				
<i>Encentrum grandi</i> (Western) nom. dub					
<i>Encentrum marinum</i> (Dujardin 1841)	84	85			
<i>Encentrum mucronatum</i> Wulfert 1936	84	87	88		
<i>Encentrum murrayi</i> Bryce 1922	46	319			
<i>Encentrum mustela</i> (Milne 1885)	85				
<i>Encentrum permolle</i> (Gosse 1886)	87	308			
<i>Dicranophorus permollis permollis</i> (Gosse)					
<i>Diglena permollis</i> Gosse					
<i>Encentrum uncinatum</i> (Milne 1886)	84	88	90	171	172
<i>Encentrum uncinatus</i> (Milne)					
<i>Dicranophorus uncinatus</i> (Milne)					
<i>Encentrum</i> sp.	83	84	88	171	



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Itura aurita aurita</i> (Ehrenberg 1930)	85					
<i>Itura aurita</i> var. <i>intermedia</i> (Wulfert)						
<b>Epiphanidae</b>						
<i>Rhinoglena frontalis</i> Ehrenberg 1858	83	85				
<i>Euchlanis deflexa</i> Gosse 1851	83	85	319			
<i>Euchlanis dilatata</i> Ehrenberg 1832	9	83	85	171	172	319
<i>Euchlanis lyra</i> Hudson 1886	89					
<i>Euchlanis meneta</i> Myers 1930	83	85	316	319		
<i>Euchlanis oropha</i> Gosse						
<i>Catyphna brevis</i> Murray 1913	319					
<i>Catyphna rotundata</i> Olofsson 1918	319					
<b>Lecanidae</b>						



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Lecane bulla</i> (Goose 1851)	46	319				
<i>Monostyla bulla</i> Gosse						
<i>Lecane closterocerca</i> (Schmarda 1859)	83	87				
<i>Lecane cornuta</i> (Müller 1786)	305	319				
<i>Monostyla cornuta</i> (Müller)						
<i>Lecane flexilis</i> (Gosse 1886)	83	319				
<i>Lecane brevis</i> (Murray)						
<i>Lecane ligona</i> (Dunlop 1901)	317					
<i>Lecane lunaris</i> (Ehrenberg 1832)	46	83	171	172	305	319
<i>Monostyla lunaris</i> (Ehrenberg)						
<i>Lecane pideis</i> (Harring and Myers 1926)	85	171	172			
<i>Lecane piepelsi</i> de Smet and Bafort						
<i>Lecane robertsonae</i> Segers 1993	62	83	171	319		
<i>Lecane rotundata</i> (Olofsson)						





*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Lecane rotundata* (Oloffson 1918)

*Lecane* sp. 83

**Lindiidae**

*Lindia* cf. *torulosa* Dujardin 1841 83

**Mytilinidae**

*Lophocharis oxysternon* (Gosse 1851) 83 85

*Mytilina bicarinata* (Perty 1850)

*Mytilina mucronata* (Müller 1773) 83 85 90 171 172 319

*Mytilina ventralis* var. *brevispina* (Ehrenberg 1832) 46 171 172 305 319

*Mytilina brevispina* Ehrenberg

**Notommatidae**

*Cephalodella biungulata* Wulfert 1937 85



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Cephalodella catellina</i> (O.F. Müller 1786)	83	85	90	171	172		
<i>Cephalodella evabroedi</i> De Smet 1988	83	85					
<i>Cephalodella glandulosa</i> Koch-Althaus 1962	85						
<i>Cephalodella gibba</i> (Ehrenberg 1832)	83	84	85	88	90	171	172 319
<i>Diaschiza gibba</i> (Ehrenberg)							
<i>Cephalodella gracilis</i> (Ehrenberg 1832)	319						
<i>Diaschiza gracilis</i> (Ehrenberg)							
<i>Cephalodella hoodi</i> (Goose 1896)	83	85					
<i>Cephalodella intuta</i> Myers 1924	85	90					
<i>Cephalodella megalcephala</i> (Glascott 1893)	85						



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<i>Cephalodella misgurnus</i> Wulfert 1937	84	88
<i>Cephalodella rotunda</i> Wulfert 1937	85	
<i>Cephalodella sterea</i> (Gosse 1887)	84	88
<i>Cephalodella ventripes</i> (Dixon-Nuttall 1901)	171	172
<i>Cephalodella ventripes</i> var. <i>angustior</i> Donner 1949	83	85
<i>Cephalodella</i> sp.	85	316
<i>Diaschiza</i> spp.	319	
? <i>Cephalodella</i> sp.		
<i>Eosphora najas</i> Ehrenberg 1830	83	85



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Monommata</i> sp.	85	
<i>Notommata cyrtopus</i> Gosse 1886	83	
<i>Notommata glyphura</i> Wulfert 1935	85	
<i>Resticula nyssa</i> Haring and Myers 1924	83	85
<b>Proalidae</b>		
<i>Bryceella stylata</i> (Milne 1886)	85	319
<i>Squatinella stylata</i> (Milne)		<i>Stephanops stylatus</i> Milne
<i>Bryceella tenella</i> (Bryce 1897)	319	
<i>Squatinella tenella</i> (Bryce)		<i>Stepanops tenullus</i> Bryce
<i>Proales decipiens</i> (Ehrenberg 1832)	319	
<i>Furcularia decipiens</i> Ehrenberg		
<i>Proales fallaciosa</i> Wulfert 1937	85	



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Proales sordida</i> Gosse 1886	319													
<i>Proales</i> sp.	83													
<i>Wulfertia ornata</i> Donner 1943	85													
<b>Scaridiidae</b>														
<i>Scaridium longicaudum</i> (Müller 1786)	319													
<b>Synchaetidae</b>														
<i>Polyarthra dolichoptera</i> (Idelson 1925)	7	9	10	83	85	90	173	246	316	317				
<i>Polyarthra dolichoptera</i> f. <i>aptera</i> (Hood 1895)	85													
<i>Polyarthra dolichoptera</i> f. <i>proloba</i> (Albertova 1960)	85													
<i>Polyarthra vulgaris</i> Carlin 1943	319													



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<i>Polyarthra</i> sp.	440	469	
<i>Synchaeta lakowitziana</i> Ehrenberg 1832	9	10	
<i>Synchaeta lakowitziana arctica</i> De Smet 1988	883	317	
<i>Synchaeta littoralis</i> Rousselet 1902	9	10	
<i>Synchaeta truncata</i> von Hofsten	9	10	
<i>Synchaeta</i> sp.	173	316	
<b>Trichoceridae</b>			
<i>Trichocerca bidens</i> (Lucks 1912)	90	319	
<i>Diurella bidens</i> Lucks			
<i>Trichocerca. cavia</i> (Gosse 1886)	85	171	172



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<i>Trichocerca cristata</i> Harring	319				
<i>Trichocerca intermedia</i> (Stenroos 1898)	85				
<i>Trichocerca longistyla</i> (Olofsson 1918)	85				
<i>Trichocerca rattus</i> (Müller 1776)	83	85	319		
<i>Rattulus carinatus</i>					
<i>Trichocerca relictæ</i> (Donner 1950)	83	85			
<i>Trichocerca uncinata</i> (Voigt 1902)	83	85	90	319	
<i>Diurella uncinata</i> (Voigt)					
<i>Trichocerca weberi</i> (Jennings 1903)	83	85	90	171	172
<i>Trichotria truncata</i> (Whitelegge)	191	193	242		



*Trichotria pocillum* (Müller 1776)

83





## **Gastrotricha**

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### **Chaetonotoida**

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—

#### **Chaetonotidae**

*Chaetonotus sp.*



## Nematoda

### Adenophorea

#### Enoplia

#### Stichosomida

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—

#### Philometridae

*Philonema oncorhynchi* (Kuitenen Ekbaum 1933)

184

#### Trichinellidae

*Trichinella spiralis* (Owen 1935)

36 189 190 207

*Trichinella nelsoni*

*Trichinella nativa* (Britov and Boev 1972)

180

*Trichinella* sp.

36 250



## Penetrantia

### Dorylaimida

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#### Dorylaimidae S.L.

*Enchodelus analatus* Thorne 1939 215

*Enchodelus conicaudatus* Thorne 1939 215

*Enchodelus cf. macrodoroides* (Steiner 1914) 215

*Enchodelus macrodorus* Thorne 1939 215

*Enchodelus parvus* Loof 1971 215

*Epidorylaimus agilis* (de Man 1880) Andrassy 1986 215

*Eudorylaimus agilis* Loof

*Dorylaimus lugdunensis* apud  
Steiner nec. de Man



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<i>Epidorylaimus lugdunensis</i> (de Man 1880)	215			
<i>Eudorylaimus lugdunensis</i> Andrassy, 1959				
<i>Eudorylaimus alleni</i> Brzeski 1962	215			
<i>Eudorylaimus carteri</i> (Bastian 1865)	191	193	194	243
<i>Dorylaimus carteri</i> Bastian				
<i>Eudorylaimus centrocerus</i> (de Man 1880)	6			
<i>Dorylaimus centrocerus</i> de Man				
<i>Eudorylaimus circulifer</i> (Loof 1961)	215			
<i>Eudorylaimus maksymovi</i> (Altherr 1963)	191	193	215	
<i>Eudorylaimus megodon</i> Loof 1971	215			
<i>Eudorylaimus parvus</i> (de Man 1880)	215			



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<i>Eudorylaimus subjunctus</i> Loof 1971	215	
<i>Eudorylaimus vanrosseni</i> Loof 1971	215	
<i>Eudorylaimus</i> sp.	171	
<i>Longidorella magna</i> Loof 1971	215	
<i>Mesodorylaimus</i> sp.	171	
<i>Dorylaimus</i> sp.	228	
<b>Mononchidae</b>		
<i>Prionchulis muscorum</i> (Dujardin 1845)	191	193
<b>Qudsianematidae</b>		
<i>Labronema</i> sp.	191	193
<b>Tylencholaimidae</b>		



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*Tylencholaimus proximus* Thorne 1939 215

*Tylencholaimus teres* Thorne 1939 215

**Enoplida**

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—

**Alaimidae**

*Alaimus arcuatus* Thorne 1939 215

*Alaimus depressus* Loof 1971 215

*Alaimus parvus* Thorne 1939 215

**Prismatolaimidae**

*Prismatolaimus dolichurus* de Man 1880 6 215

*Prismatolaimus intermedius* (Buetschli1873) 6 215



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<i>Prismatolaimus primitivus</i> Loof 1971	215		
<i>Prismatolaimus stenolaimoides</i> Loof 1971	215		
<b>Tobrilidae</b>			
<i>Tobrilus</i> sp.	171	191	193
<b>Tripylidae</b>			
<i>Tripyla</i> cf. <i>infia</i> Brzeski et Winiszewska-Slipinska 1903	171		
<i>Tripyla glomerans</i> Bastian 1865	215		
<i>Tripyla papillata</i> Butschli			



## Secernentia

### Ascaridida

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#### **Anisakidae**

*Anisakis* sp.

360 506

*Anisakis simplex* (Rudolphi 1802)

468

*Contraecum osculatum* (Rudolphi 1801) Baylis 1920

468

#### **Heterocheilidae**

Juvenile. Indetermined sp.

### Rhabditida

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#### **Bunonematidae**

*Bunonema reticulatum* Richters 1905

215

#### **Cephalobidae**





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<i>Acrobeles ciliatus</i> von Linstow 1877	215	
<i>Acrobelloides bütschlii</i> Gadea 1954	228	
<i>Cephalobus bütschlii</i> de Man		
<i>Acrobelloides enoploides</i> Loof 1971	215	
<i>Acrobelloides tricornis</i> (Thorne 1925)	38	215
<i>Cervidellus serratus</i> (Thorne 1925)	215	
<i>Cervidellus spitzbergensis</i> Bostrøm 1987	37	
<i>Chiloplacus saccatus</i> Loof 1971	38	215
<i>Eucephalobus arcticus</i> Loof 1971	38	215



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Heterocephalobus elongatus</i> (de Man 1880)	6	215
<i>Cephalobus elongatus</i> de Man		
<i>Stegelleta similis</i> (Thorne 1925)	215	
<i>Stegelleta mucronata</i>		
<b>Panagrolaimidae</b>		
<i>Panagrolaimus papillosus</i> Loof 1971	215	
<b>Teratocephalidae</b>		
<i>Euteratocephalus crassidens</i> Andrassy 1958	6	39 215
<i>Metateratocephalus crassidens</i> (de Man)		
<i>Teratocephalus costatus</i> Andrassy 1958	39	
<i>Teratocephalus decarinus</i> Anderson 1969	215	
<i>Teratocephalus lirellus</i> Anderson 1969	39	215



*Teratocephalus terrestris* (Butschli 1873) 6

*Teratocephalus* sp. 39 171

### **Spirurida**

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#### **Acuriidae**

*Paracuarria adunca* (Creplin 1846) Anderson and Wong 1981 468 506

*Stegaphorus stellae-polaris* (Parona 1901) 360 468 506

### **Strongylida**

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#### **Trichostrongylidea**

*Marshallagia marshalli m occidentalis* (Ransom, 1907) 54 131 132 134 385 522

*Grosspiculaqia occidentalis*  
(Ransom 1907)



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<i>Marshallagia marshalli</i> (Ransom 1907)	5	48	50	53	54	131	132	133	134	369
	384	385	430	431	432	439	489	490	522	
<i>Nematodirus helvetianus</i> May 1920	5	133								
<i>Ostertagia arctica</i> Mitzkewitsch 1929	5	133	134							
<i>Ostertagia grühneri</i> Skrjabin 1929	2	3	5	48	50	53	54	131	132	133
	346	369	383	384	430	431	432	439	488	489
	490	383	522							
<i>Ostertagia occidentalis</i> Ransom 1907	5	48	50	53						
<i>Paracuaria adunca</i> (Creplin 1846)	257									
<i>Skrjabinagia arctica</i> (Mitzkevich 1929)	48	49	53	54	131	132	134	522		
? <i>Skrjabinagia lyrata</i> (Sjøberg 1926).										
<i>Teladorsagia circumcincta</i> (Stadelmann 1894)	48	49	53	54	131	132	133	134	522	



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*Teladorsaga davitiani* Andreeva and Satubaldini 1984                    54   131   134   522

*Teladorsagia trifurcata*    522

### Tylenchida

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—  
**Aphelenchinae**

*Aphelenchus nivalis* Aurivillius 1883    306   228

**Criconematidae**

*Criconemoides annulatus* Taylor 1936    215

*Criconemoides hemispaericaudatus*  
Wu

*Criconema* sp.    215

**Hoplolaimidae**

*Helicotylenchus spitsbergensis* Loof 1971                                    215

**Pratylenchidae**



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<i>Pratylenchoides crenicauda</i> Winslow 1958	215	
<i>Pratylenchoides magnicauda</i> (Thorne 1935)	215	
<i>Tylenchorhynchus magnicauda</i> Filipjev		
<b>Tylenchidae</b>		
<i>Basiria dolichura</i> Loof 1971	215	
<i>Coslenchus costatus</i> (de Man 1921)	215	
<i>Tylenchus costatus</i> de Man		
<i>Filenchus thornei</i> (Andrassy 1954)	215	
<i>Tylenchus thornei</i> Andrassy		
<i>Geocenamus arcticus</i> (Mulvey 1969)	215	
<i>Tylenchorhynchus arcticus</i> Mulvey		
<i>Geocenamus loofi</i> (Siddiqi 1979)	215	274
<i>Tetylenchus joctus</i> Thorne apud Loof		
<i>Merlinius loofi</i> Siddiqi		



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<i>Geocenamus microdorus</i> (Geraert 1966)	215
<i>Tylenchorhynchus microdorus</i> Geraert	
<i>Lelenchus leptosoma</i> (de Man 1880)	215
<i>Tylenchus leptosoma</i> de Man	
<i>Malenchus bryophilus</i> (Steiner 1914)	215
<i>Tylenchus bryophilus</i> Steiner	
<i>Nagelus leptus</i> (Allen 1955)	215
<i>Tylenchorhynchus leptus</i> Allen	
<i>Tylenchus davainei</i> Bastien 1865	6 215
<i>Anguillulina davainei</i> (Bastian)	



## Torquentia

### Araeolaimida

—

—

#### **Plectidae**

*Anaplectus cf. grandepapillatus* (Ditlevsen 1928)

171

*Anaplectus granulatus* de Coninck and Shürmans Stekhoven  
1933

*Plectus granulatus* Bastian

*Anaplectus porosus* Allen and Noffsinger 1968

191 193 194 215

*Ceratoplectus communis* (Bütschli 1873)

228

*Plectus communis* Bütschli

*Ereptonema arcticum* Loof 1971

38 215

*Plectus acuminatus* Bastian 1865

215





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<i>Plectus cf armatus</i> Butschli1873	215				
<i>Plectus assimilis</i> Butschli1873	215				
<i>Plectus aquatilis</i> Andrassy1984	171				
<i>Plectus cirratus</i> Bastian 1865	6	191	193	194	228
<i>Plectus cornus</i> Maggenti1961	215				
<i>Plectus geophilus</i> de Man 1880	215				
<i>Plectus inquirendus</i> Andrassy 1958	215				
<i>Plectus longicaudatus</i> Butschli1873	215				
<i>Plectus cf. opisthocirculus</i> Andrassy 1952	171				



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*Plectus parietinus* Bastian 1865 171 191 193 194 215 243

*Plectus parvus* Bastian 1865 215

*Plectus rhizophilus* de Man 1880 215

**Rhabdolaimidae**

*Rhabdolaimus terrestris* de Man 1880 215

**Chromadorida**

—

—  
**Achromadoridae**

*Achromadora cf. semiarmata* Altherr 1952 215

*Achromadora tenax* (de Man 1876) 171 215

*Achromadora* sp.

**Ethmolaimidae**



*Ethmolaimus* sp.

**Odontolaimus**

*Odontolaimus chlorurus* de Man 1880 215

**Monohysterida**

—

—  
**Monhysteridae**

*Eumonhystera dispar* (Bastian 1865) 215

*Monhystera* cf. *dispar* Bastian

*Eumonhystera filiformis* (Bastian 1865) 171 215

*Monhystera filiformis* Butschli

*Eumonhystera vulgaris* (de Man 1880)

*Monhystera vulgaris* de Man

*Geomonhystera villosa* (Butschli 1873) 215

*Monhystera villosa* Butschli

*Monhystera stagnalis* Bastian 1865 171 215



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---

*Monohystera* sp

215 288



## **Acanthocephala**

### **Palaecanthocephala**

#### **Polymorphida**

—

—

#### **Polymorphidae**

*Corynosoma strumosum* (Rudolphi 1802) Luhe 1904

468 506

*Notocotylus* sp.

506



## Platyhelminthes

### Cestoda

#### Cyclophyllidae

—

—

#### **Anoplocephalidae**

*Moniezia benedini* Moniez 1872

48 49 50 51 131

#### **Dilepididae**

*Anomotaenia campylacantha* (Krabbe 1869)

360

*Anomotaenia larina* (Krabbe 1869)

468 506

*Alcataenia larina*

*Anomotaenia micacantha* (Krabbe 1869)

468 506

*Alcataenia (Rissotaenia) dominicana* (Raillet and Henry 1912)

468 506

*Arctotaenia tetrabothriodes*

506



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*Paricteropaenia porosa* (Rudolphi 1810) 468

**Hymenolepididae**

*Alopparakis larina* Furhmann 1921

*Microsomacanthus ductilus* 506

*Microsomacanthus microsoma* (Creplin, 1829) Lopez-Neyra, 1942 506

□

*Microsomacanthus diorchis* (Furhmann, 1913). 506

**Taeniidae**

*Echinococcus multilocularis* Leuckart 1863 399 438 515

*Taenia ovis krabbei* (Moniez 1879) Verster 1969 48 50 50 131

*Cysticercus tarandi*

*Tetrabothrius* sp. 360



*Tetrabothrius minor* (Loennberg, 1893) 506

**Tetrabothriidae**

*Tetrabothrius erostris* (Loennberg 1889) 468 506

**Proteocephalidea**

—

—

**Proteocephalidae**

*Proteocephalus exiguus* Weinland 1858 184 396

**Pseudophyllidea**

—

**Diphyllobothriidae**

**Diphyllobothriidae**

*Diphyllobothrium ditremum* (Creplin 1825) 184 195 396 491

*Diphyllobothrium* sp 277

**Trienophoridae**

*Eubothrium crassum* (Bloch 1779) 183





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*Eubothrium salvelini* Schrank 1790

183 184 277 396



## Trematoda

### Opisthorchiida

#### Opisthorchiata

—

#### Heterophyidae

*Cryptocotyle lingua* (Creplin 1825)

257 468 506

### Plagiorchiida

#### Brachylaimata

—

#### Microphallidae

*Microphallus pygmaeus* (Levinsen, 1881)

506

*Microphallus pseudopygmaeus* Galaktionov, 1980

506

*Microphallus triangulatus*

506

### Strigeata

#### Plagiorchiata

—

#### Gymnophallidae



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<i>Gymnophallus</i> sp.	506
<i>Gymnophallus somateria</i> (Levinsen, 1881)	506
<i>Gymnophallus choledochus</i> Odhner, 1900	506



## Annelida

### Oligochaeta

#### Haplotaxida

—

—

#### Enchytraeidae

*Bryodrilus diverticulatus* Cernosvitov 1929

30 95 354 351

*Bryodrilus ehlersi glandulosa*

*Bryodrilus ehlersi* Ude 1892

28 30 95 236 237 238 283

*Bryodrilus parvus* Nurminen 1970

28 30 95 283 351

*Cernosvitoviella immota* (Knoller 1935)

30 95 236 237 238

*Cernosvitoviella* sp.

238

*Cognettia sphagnetorum* (Vejdovsky 1877)

95 237 238



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<i>Cognettia sp.</i>	28	30						
<i>Enchytraeus albidus</i> Henle 1837	95	236	238	289	290	291	305	306
<i>Enchytraeus kincaidi</i> Eisen 1904	30	95	236	237	238	290	291	306
<i>Enchytraeus liefdeensis</i> Stephenson								
<i>Enchytraeus sp.</i>	236	238	289					
<i>Fridericia bulboides</i> Neilsen and Christensen 1959	95	236	238					
<i>Fridericia bulbosa</i> (Rosa 1887)	95	236	237	238	266			
<i>Fridericia leydigi</i> (Vejdovsky 1877)	95	236						
<i>Henlea heleotropha</i> Stephenson 1922 augm. Nielsen and Christensen 1959								
<i>Henlea heleotrophus</i> Stephenson								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Henlea glandulifera</i> Nurminen 1970	95	237	238	354	351					
<i>Henlea similis</i>										
<i>Henlea nasuta</i> (Eisen 1878)	95									
<i>Henlea perpusilla</i> Friend 1911	28	30	95	236	237	238	266	283	350	351
<i>Henlea brucei</i> Stephenson	373	363								
<i>Henlea similis</i> Nielsen and Christensen 1959	28	30	236	237	238	302				
<i>Henlea ventriculosa</i> (d'Udekem 1954)	28	30	236	237	238	302	351			
<i>Henlea</i> sp.	236	266	289	290	291	305				
<i>Lumbricillus arenarius</i> (Michaelsen 1988)	95	236	238							
<i>Lumbricillus magdalenae</i> Nurminen										
<i>Lumbricillus bülowi</i> Nielsen and Christiensen 1959	95									



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Lumbricillus eltoni</i> (Stephenson 1924)	95	236	290					
<i>Enchytraeus eltoni</i> Stephenson								
<i>Lumbricillus muscicolus</i> (Stephenson 1924)	95	236	291					
<i>Enchytraeus muscicolus</i> Stephenson								
<i>Lumbricillus neilseni</i> Nurminen 1965	95	236	237	238				
as <i>Lumbricillus bülowi</i> Nielsen and Christiensen 1959 ref. 30								
<i>Lumbricillus pagenstecheri</i> (Ratzel 1869)	95	236	238	289	290	291	305	306
as <i>Lumbricellus aegialites</i> Stepheson 1922								
as <i>Lumbricellus nervosus</i> Ude 1902								
as <i>Lumbricellus necrophagus</i> Stephenson 1922								
<i>Lumbricillus reynoldsoni</i> Backlund 1948	95	236	238					
<i>Lumbricillus rivalis</i> Levinsen 1890								
<i>Lumbricillus semifuscus</i> (Claparede 1861) augm. Stephenson 1911								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Lumbricillus tuba</i> Stephenson 1911	95						
<i>Lumbricellus</i> sp.	238	266	275	276	518		
<i>Marionina aporus</i> (Stephenson 1925)	95	236	291				
<i>Enchytraeus aporus</i> Stephenson							
<i>Marionina argentea</i> (Michaelsen 1889)	28	30	95	236	237	238	266
<i>Marionina crymodes</i> (Stephenson 1922)	95	236	289	305	306		
<i>Enchytraeus crymodes</i> Stephenson							
<i>Marionina libra</i> Neilsen and Christensen 1959	95	236	238				
<i>Mesenchytraeus argentatus</i> Nurminen 1973	28	30	95	283	351		
<i>Mesenchytraeus eltoni</i> Stephenson 1925	95	236	291	306			





*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Mesenchytraeus flavus</i> (Levinsen 1884)	28	30	95	237	238	283		
<i>Mesenchytraeus</i> sp.	28	30	95	236	237	238	289	305
<b>Lumbricidae</b>								
Sp. unknown.	236							



## Tardigrada

### Eutardigrada

#### Apochela

—

—

##### Milnesiidae

*Milnesium tardigradum* Doyère 1840

78 221 222 254 319 336

#### Parachela

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—

##### Amphibolidae

*Amphibolus nebulosus* (Dastyh 1983)

77 78 222

*Amphibolus smreczynskii* (Weglarska 1970)

90 171 191 192 193 194 222 243

*Doryphoribius smreczynskii*  
Weglarska

*Amphibolus weglarskae* (Dastyh 1972)

222 328 329 330

##### Hypsibiidae



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Diphascon stappersi</i> Richters 1911	222	254	319	329	336		
<i>Hypsibius stappersi</i> (Richters)							
<i>Diphascon (Diphascon) alpinum</i> J.Murray 1906	90	171	222	233	251	328	336
<i>Hypsibius alpinus</i> (Murray)							
<i>Diphascon (Diphascon) chilense</i> Plate 1888	221	222	233	254	336		
<i>Diphascon chilense</i> (Plate)							
<i>Hypsibius chilensis</i> Plate							
<i>Diphascon (Diphascon) oculatum</i> J.Murray 1906	78	222					
<i>Diphascon oculatum</i> Murray							
<i>Diphascon (Diphascon) pingue</i> (Marcus 1936)		78	221	222	329	330	
<i>Diphascon pingue</i> (Marcus)							
<i>Diphascon (Diphascon) recamieri</i> Richters 1911	78	87	171	221	222	251	330 336
<i>Hypsibius recamieri</i> (Richters)							
<i>Diphascon recamieri</i> Richters							
<i>Diphascon (Diphascon) tenue</i> Thulin 1928	78	221	222				
<i>Diphascon tenue</i> Thulin							
<i>Hypsibius tenuis</i> (Thulin)							



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Diphascon (Adropion) arduifrons</i> (Thulin 1928)	78	222						
<i>Diphascon arduifrons</i> Thulin								
<i>Diphascon (Adropion) belgicae</i> Richters 1911	78	221	222	254	319	336		
<i>Fujiscon belgicae</i> (Richters)								
<i>F. diphasconiellum</i> Ito								
<i>Diphascon belgicae</i> Richters								
<i>Hypsibius belgicae</i> (Richters)								
<i>Diphascon (Adropion) prorsirostre</i> Thulin 1928	221	222						
<i>Diphascon prorsirostre</i> Thulin								
<i>Diphascon (Adropion) scoticum</i> J.Murray 1905	78	90	171	222	233	251	329	330
<i>Diphascon scoticum</i> J.Murray								
<i>Hypsibius scoticus</i> (J.Murray)								
<i>Doryphoribius macrodon</i> Binda Pilato and Dastych 1980	27	78	222					
<i>Hypsibius antarcticus</i> (Richters 1905)								
<i>Hypsibius arcticus</i> (Murray 1907)								
<i>Macrobotus arcticus</i> Murray								
<i>Hypsibius convergens</i> (Urbanowicz 1925)	78	171	221	222	229	251	329	



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Hypsibius dujardini</i> (Doyère 1840)	78	89	90	171	221	222	229	233
<i>Macrobotus tetradactylus</i> Greef								
<i>Hypsibius microps</i> Thulin 1928	221	222						
<i>Hypsibius montivagus</i> Dastych 1983	78	221	222	329				
<i>Hypsibius pallidus</i> Thulin 1911	77	78	222					
<i>Hypsibius zetlandicus</i> (J.Murray 1907)	78	171	221	222				
<i>Hypsibius (Hypsibius) zetlandicus</i> (J. Murray)								
<i>Hebesuncus conjungens</i> (Thulin 1911)	222	229	233					
<i>Diphascon conjungens</i> (Thulin)								
<i>Isohypsibius bakonyiensis</i> (Iharos 1964)	78	222						
<i>Isohypsibius dastychi</i> Pilato Bertolani and Binda 1982	78	222						



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Isohypsibius ceciliae</i> Pilato and Binda 1987	248							
<i>Isohypsibius elegans</i> (Binda and Pilato 1971)	78	222	330					
<i>Isohypsibius fuscus</i> (Mihelcic 1971)	222	229						
<i>Hypsibius (Isohypsibius) fuscus</i> Mihelcic								
<i>Isohypsibius granulifer</i> (Thulin 1928)	78	90	87	171	222	251	328	329
<i>Hypsibius granulifer</i> (Thulin 1928)								
<i>Isohypsibius papillifer</i> (J.Murray 1905)	222	328	329	330				
<i>Hypsibius papillifer</i> (J.Murray)								
<i>Isohypsibius papillifer bulbosus</i> (Marcus 1928)	222	328	329	336				
<i>Isohypsibius prosostomus</i> Thulin 1928	78	171	221	222				
<i>Hypsibius prosostomus</i> (Thulin)								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Isohypsibius pulcher</i> (Mihelcic 1971)	222	229						
<i>Hypsibius</i> ( <i>Hypsibius</i> ) <i>pulcher</i> Mihelcic								
<i>Isohypsibius sattleri</i> (Richters 1902)	80	221	222					
<i>Isohypsibius schaudinni</i> (Richters 1909)	222	336						
<i>Hypsibius schaudinni</i> (Richters)								
<i>Isohypsibius tuberculatus</i> (Plate 1888)	222	233	336	319				
<i>Macrobotus tuberculatus</i> Plate <i>Hypsibius tuberculatus</i> Plate								
<i>Itaquascon enckelli</i> (Mihelcic 1971)	222	229						
<i>Hypsibius</i> ( <i>Diphascon</i> ) <i>enckelli</i> Mihelcic								
<i>Mesocrista spitzbergense</i> (Richters 1903)	90	171	191	192	193	194	222	233
<i>Hypsibius spitzbergensis</i> Richters <i>Diphascon spitzbergense</i> (Richters)								
<i>Platicrista angustata</i> (Murray 1905)	78	221	222	233	336			
<i>Diphascon angustatum</i> Murray <i>Hypsibius angustatus</i> (Murray)								



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Ramazzottius cataphractus</i> (Maucci 1974)	78	221	222				
<i>Hypsibius cataphractus</i> Maucci							
<i>Ramazzottius oberhaeuseri</i> (Doyère 1840)	78	221	222	233	254	319	336
<i>Macrobotus oberhaeuseri</i> (Doyère)		<i>Macrobotus oberhaeuseri</i> var. <i>granulatus</i> Richters					
<i>Hypsibius oberhaeuseri</i> Doyère							
<i>Thulinia augusti</i> (Murray 1907)	222	229	230				
<i>Pseudobiotus augusti</i> (Murray)		<i>Hypsibius (Isohypsibius) augusti</i> Murray					
<b>Macrobiotidae</b>							
<i>Calohypsibius ornatus</i> (Richters 1900)	221	222	233	254	319	336	
<i>Macrobotus ornatus</i> var. <i>spinosissimus</i> Richters		<i>Hypsibius ornatus</i> Richters					
<i>Calohypsibius ornatus carpaticus</i> (Bartos 1939)	78	222					
<i>Dactylobiotus ambiguus</i> (J. Murray 1907)	90	171	222	229	233	336	
<i>Macrobotus ambiguus</i> Murray							





## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Dactylobiotus dispar</i> (J.Murray 1907)	191	192	193	222	233	329	330
<i>Macrobotus dispar</i> Murray							
<i>Dactylobiotus macronyx</i> (Dujardin 1851)	222	234	305	336			
<i>Macrobotus macronyx</i> Dujardin							
<i>Macrobotus areolatus</i> Murray 1907	221	222	336				
<i>Macrobotus ariekammensis</i> Weglarska 1965	78	222					
<i>Macrobotus brevipes</i> Mihelcic 1971	210	222					
<i>Macrobotus crenulatus</i> Richters 1904	26	221	222	233	330		
<i>Macrobotus dianaeae</i> Kristensen 1982	222	329	330				
<i>Macrobotus danilovi</i> Tumanov 2007	504						



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Macrobotus echinogenitus</i> Richters 1903	26	78	90	191	192	193	222	233
? <i>Macrobotus crenulatus</i> Richters								
<i>Macrobotus harmsworthi</i> J.Murray 1907	78	221	222	233	254	319	330	336
<i>Macrobotus harmsworthi obscurus</i> Dastych 1985	78	192	193	222				
<i>Macrobotus hibernicus</i> Murray 1911	78	222						
<i>Macrobotus hufelandi</i> Schultze 1833	78	221	222	233	251	319	328	336
<i>Macrobotus islandicus</i> Richters 1904	78	191	192	193	221	222	233	
<i>Macrobotus norvegicus</i> Mihelcic 1971	222	229						
<i>Macrobotus richtersi</i> Murray 1911	78	221	222	229	230			



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Macrobotus spectabilis</i> Thulin 1928	191	192	193	222		
<i>Macrobotus tenuiformis</i> Tumanov 2007	504					
<i>Macrobotus voronkovi</i> Tumanov 2007	504					
<i>Macrobotus willardi</i> Pilato 1977	78	221	222			
<i>Macrobotus</i> sp.	222	229	251	319		
<i>Minibiotus intermedius</i> (Plate 1888)	78	221	222	233	319	336
<i>Macrobotus intemedius</i> Plate						
<i>Murrayon pullari</i> (J.Murray 1907)	89	90	222	233	336	
<i>Macrobotus pullari</i> Murray						
<i>Richtersius coronifer</i> (Richters 1903)	78	221	222	319	336	
<i>Adorybiotus coronifer</i> (Richters)						
<i>Macrobotus coronifer</i> Richters						



## Heterotardigrada

### Arthrotardigrada

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#### **Echiniscidae**

*Bryodelphax sinensis* (Pilato 1974)

78 221 222

*Echiniscus sinensis* Pilato

*Echiniscus arctomys* Ehrenberg 1853

222 233 319 336

*Echiniscus blumi* Richters 1903

78 221 222 319 336

*Echiniscus capillatus* Ramazzotti 1956

78 222

*Echiniscus granulatus* (Doyère 1840)

78 221 222 254

*Echiniscus loxophthalmus* Richters 1911

222 254



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<i>Echiniscus merokensis</i> Richters 1904	78	221	222	336			
<i>Echiniscus oihonnae</i> Richters 1903	222	254	336				
<i>Echiniscus quadrispinosus</i> Richters 1902	222	336					
<i>Echiniscus spinulosus</i> (Doyère 1840)	222	336					
<i>Echiniscus testudo</i> (Doyère 1840)	78	221	222	336			
<i>Echiniscus wendti</i> Richters 1903	78	171	221	222	254	319	336
<i>Pseudechiniscus islandicus</i> (Richters 1904)	222	330					
<i>Pseudechiniscus suillus</i> (Ehrenberg 1853)	78	221	222	329	330	336	
<i>Pseudechiniscus victor</i> (Ehrenberg 1853)	78	221	222	254	336		



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*Testechiniscus spitsbergensis* (Scourfield 1897)

78 221 222 254 319 329 330 336

*Echiniscus spitsbergensis* Scourfield



## **Bryozoa**

### **Phylactolaemata**

#### **Parachela**

—

—

#### **Macrobiotidae**

*Statoblasts. Species unknown*

519



## Chelicerata

### Arachnida

#### Acari

##### Acariformes

##### Oribatida

##### Ameronothroidea

##### Ameronothridae

*Ameronothrus lineatus* (Thorell 1871)

34	41	42	70	164	181	182	219	254	271
305	306	318	319	342	343	363	373	442	453
480	481	482	483	484	485	499	501		

*Eremaeus lineatus* Thorell      *Scutovertex lineatus* (Thorell)

*Ameronothrus nidicola* Sitnikova 1975

56

Probably *Ameronothrus lineatus*  
(Thorell)

##### Brachychthonoidea

##### Brachychthoniidae

*Eobrachychthonius borealis* (Forsslund 1942)

235    442

*Eobrachychthonius latior* (Berlese 1910)

181    182    219    235    442

*Eobrachychthonius grandis*  
(Sellnick)





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<i>Eobrachychthonius oudemansi</i> van der Hammen 1952	235	442			
<i>Brachychthonius</i> sp.	442				
<i>Liochthonius alpestris</i> (Forsslund 1958)	56				
<i>Liochthonius brevis</i> (Michael 1888)	181	318	320	442	
<i>Brachychthonius perpusillus</i> Berlese					
<i>Brachychthonius brevis</i> (Michael) var. <i>glabra</i>					
<i>Liochthonius perpusillus</i> (Berlese)					
<i>Liochthonius laetepictus</i> (Berlese 1910)	181	182	235	320	442
<i>Brachychthonius laetepictus</i> Berlese					
<i>Liochthonius lapponicus</i> (Trägårdh 1910)	56	119	181	182	442
<i>Liochthonius muscorum</i> Forsslund 1964	56	119			
<i>Liochthonius neglectus</i> Moritz 1976	457				



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Liochthonius sellnicki</i> (Thor 1930)	181	182	219	235	318	320	445	442
<i>Brachychthonius sellnicki</i> Thor								
<i>Liochthonius strenzki</i> Forsslund 1942	457							
<i>Liochthonius</i> sp.	56	191	272					
<i>Neoliochthonius piluliferus</i> (Forsslund 1942)	457							
<b>Malacostridae</b>								
<i>Malacostrus egregius</i> (Berlese 1904)	441	442						
<b>Phthiacaroidae</b>								
<i>Steganacarus striculus</i> (C.L. Koch 1836)	441	442	526					
<b>Carabodoidea</b>								
<b>Carabodidae</b>								
<i>Carabodes marginatus</i> (Michael, 1884)	526							
<b>Tectocephidae</b>								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Tectocepheus alatus</i> Berlese 1913	235	442								
<i>Tectocepheus sarekensis</i> Trägårdh 1910	181	182	442							
<i>Tectocepheus velatus</i> (Michael 1880)	56 421	70 442	181	182	219	318	320	377	387	420
<i>Tectocepheus velatus knullei</i> Vanek 1960	442	526								
<i>Tectocepheus</i> sp.	272									
<b>Ceratozetoidea</b>										
<b>Ceratozetidae</b>										
<i>Ceratozetes spitsbergensis</i> Thor 1934	70	181	182	272	320	442				
<i>Chamobates borealis</i> (Trägårdh 1902)	56									
<i>Chamobates birulai</i> (Kulczynski 1902)	319									
<i>Notaspis birulai</i> Kulczynski										



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Diapterobates notatus</i> (Thorell 1871)	13	25	34	56	66	69	70	121	152	155
<i>Oribata notata</i> Thorell	157	164	181	191	235	271	182	266	272	305
<i>Sphaerozetes notatus</i> Thorell										
<i>Trichoribates notatus</i> (Thorell)	306	318	319	320	335	342	363	373	377	387
<i>Murcia notata</i> (Thorell)	411	418	420	421	442	501	526			
<i>Edwardzetes edwardsii</i> (Nicolet 1855)	181	182	320	442						
<i>Luoribates gracilis</i> Sellnick 1944	457									
<i>Mycobates parlmeliae</i> (Michael 1884)	442	526								
<i>Mycobates sarekensis</i> (Trägårdh 1910)	69	181	182	219	235	273	318	320	377	411
<i>Calyptozetes sarekensis</i> (Trägårdh)	420	421	442	501						
<i>Mycobates tridactylus</i> Willmann 1929	442									
<i>Oromurcia lucens</i> (L.Koch 1879)	319									
<i>Notaspis lucens</i> L. Koch										
Probably <i>Svalbardia paludicola</i> Thor, 1930										



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Punctoribates punctum</i> (C.L. Koch 1839)	442	526		
<i>Sphaerozetes piriformis</i> (Nicolet 1855)	164	305	306	319
<i>Svalbardia paludicola</i> Thor 1930	181	318	442	
<i>Trichoribates novus</i> (Sellnick 1928)	56			
<i>Trichoribates setiger</i> (Trägårdh 1910)	235	442		
<i>Trichoribates trimaculatus</i> (C.L.Koch 1836)	56	182	219	
<i>Trichoribates</i> sp.	56			
<b>Cymbaeremaeoidea</b>				
<b>Achipterioidea</b>				
<i>Achipteria</i> sp.	442			



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Parachipteria punctata* (Nicolet 1855)

441 442 526

**Micreremidae**

*Micreremus brevipes* (Michael 1888)

235 442

**Damaeoidea**

**Damaeidae**

*Oribata ursina* Thor 1930

219 318 319

*Belba* sp.

526

*Spatiodamaeus* sp.

235 445

?*Damaeus* sp

442

*Damaeid* sp.

*Damaeus onustus* C.L. Koch, 1841

526

**Euphthiracaroida**

**Euphthiracaridae**



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

---

*Microtritia sp.*

272

**Galumnoidea**

**Galumnidae**

*Pergalumna nervosa (Berlese 1914)*

272 442

**Gustavioidea**

**Peloppiidae**

*Ceratoppia bipilis (Hermann 1804)*

41 42 121 164 305 306 319

*Eremaeus bipilis (Hermann)*

*Ceratoppia hoeli Thor 1930*

13 25 66 69 70 152 181 182 235 377  
411 420 421 442 501

*Ceratoppia sphaerica (L.Koch 1879)*

25 219 306 335 442 526

*Notaspis bipilis var. sphaerica (L. Koch)*

*Ceratoppia sp.*

56 266

**Gymnodamaeidea**

**Gymnodamaeidae**



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Gymnodamaeus* sp.

272

**Hermannioidea**

**Hermanniidae**

*Hermannia reticulata* Thorell 1872

13 34 66 69 152 164 181 182 219 235  
305 318 319 320 335 342 377 387 411 420  
421 442 501 526

*Hermannia scabra* (L.Koch 1879)

182 319

**Licneremaeoidea**

**Licneremaeidae**

*Scutovertex minutus* (C.L.Koch 1835)

181 182 235 442

**Nanhermannioidea**

**Nanhermannioidae**

*Nanhermannia sellnicki* (Forsslund 1958)

442

**Nothroidea**

**Camisiidae**

*Camisia anomia* Colloff 1993

13 66 69 335 365 375 377 387 411 418  
420 421 458





*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Camisia biverrucata</i> (C.L.Koch 1839)	181	182	320	442					
<i>Nothrus biverrucatus</i> C.L.Koch									
<i>Camisia borealis</i> (Thorell 1871)	70	150	181	182	235	319	442	526	
<i>Camisia foveolata</i> Hammer 1955	56	121	182	271	280				
<i>Camisia horrida</i> (Hermann 1804)	34	181	182	219	235	318	320	342	442
<i>Nothrus horridus</i> (Hermann)									
<i>Nothrus borealis</i> Thorell									
<i>Camisia invenusta</i> (Michael 1888)									
<i>Nothrus invenusta</i> (Michael)									
<i>Camisia lapponica</i> (Trägårdh 1910)	56	442							
<i>Camisia spinifer</i> (C.L.Koch 1836)	181	182	320	442					
<i>Nothrus spinifer</i> C.L.Koch									
<i>Camisia</i> sp.	56								

**Nothridae**



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Nothrus palustris</i> (C.L.Koch 1839)	441	442		
<i>Nothrus</i> sp.	121	272		
<i>Platynothrus peltifer</i> (C.L.Koch 1839)	181	182	235	442
? <i>Platynothrus punctatus</i> (C.L.Koch)				
<i>Platynothrus punctatus</i> (C.L.Koch 1839)	441	442	526	
<i>Platynothrus septentrionalis</i> Sellnick 1944	181	182	442	
<i>Platynothrus capillatus</i> (Berlese)				
var. <i>septentrionalis</i> Sellnick				
<b>Oppioidea</b>				
<b>Autognetidae</b>				
<i>Autogmeta kaisilai</i> Karppinen 1997	181	182	342	442
<b>Oppiidae</b>				
<i>Berniniella</i> sp.		457		



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Discoppia splendens</i> (C.L. Koch 1840)	442	526								
<i>Lauropia fallax</i> (Paoli 1908)	181	182	320	342	442					
<i>Oppiella fallax</i> (Paoli)										
<i>Oppia fallax</i> (Paoli)										
<i>Lauropia translamellata</i> (Willmann 1923)	70	121	181	182	191	219	235	271	272	320
<i>Oppia translamellata</i> (Willmann)	342	398	411	441	442	526				
<i>Dissorhina ornata</i> (Oudemans 1900)	181	182	219	318	320	442				
<i>Cosmoppia ornata</i> (Oudemans)										
<i>Dameosoma ornatum</i> (Oudemans)										
<i>Oppia ornata</i> (Oudemans)										
<i>Oppia</i> sp.	56	266	526	441	442					
? <i>Lauropia</i> sp.										
<i>Micropia minus</i> (Paoli 1908)	272			442						
<i>Oppiella minus</i>										
<i>Oppiella neerlandica</i> (Oudemans 1902)				442	457					



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Oppiella nova</i> Oudemans 1902	5	69	157	181	182	219	272	318	320	335
<i>Dameosoma neerlandicum</i> (Oudemans 1900)	342	377	387	411	421	441	442	526		
<i>Oppia neerlandica</i> (Oudemans)										
<i>Oppiella (Moritzoppia) unicarinata</i> (Paoli 1908)	442	457								
<i>Suctobelba</i> sp.	272	441	442	526						
<i>Suctobelbella hammeri</i> (Krivolutsky 1966)	441	442								
<i>Suctobelbella sarekensis</i> (Forsslund 1941)	181	182	342	442						
<i>Suctobelba sarekensis</i> (Forsslund)										
<i>Suctobelbella subcornigera</i> (Forsslund 1941)	181	182	342	441	442	526				
<i>Suctobelba subcornigera</i> (Forsslund)										
<b>Oribatelloidea</b>										
<b>Oribatellidae</b>										
<i>Oribatella arctica</i> Thor 1930	181	318	320	501						

### **Oripodoidea**



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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### **Oribatulidae**

<i>Oribatula tibialis</i> (Nicolet 1885)	56	219	442					
<i>Oribatula venusta</i> Berlese 1908	56	181	182	235	320	342	442	501
<i>Zygoribatula venusta</i> (Berlese)								
<i>Phauloppia lucorum</i> (C.L.Koch 1841)	181	442						
<i>Notaspis lucorum</i> (C.L.Koch)								
<i>Michael</i> 1897								
<i>Zygoribatula exilis</i> (Nicolet 1855)	164	182	305	318	319	442		
<i>Oribatula exilis</i> (Nicolet)								

### **Oripodiidae**

<i>Liebstadia similis</i> (Michael 1888)	219	441	442					
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### **Trombidiformes (Actinedida)**

#### **Bdelloidea**

#### **Bdellidae**

<i>Bdella longicornis</i> (Linnaeus 1758)	159	219	305	306	318	319	320	
<i>Bdella decipiens</i> Thorell								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Bdella semiscutata</i> Thor 1930	318	320								
<i>Biscirus lapidarius</i> (Kramer 1881)	20	318								
<i>Scirus lapidarius</i> (Kramer)										
<i>Cyta latirostris</i> (Hermann 1804)	219	318	320							
<i>Cyta brevirostris</i> (L.Koch 1879) [a variety of <i>C. latirostris</i> ]										
<i>Ammonia brevirostris</i> L.Koch sensu Trägårdh										
<i>Neomolgus capillatus</i> (Kramer 1881)	318									
<i>Molgus capillatus</i> (Kramer)										
<i>Neomolgus littoralis</i> (Linnaeus 1758)	12	20	41	159	219	305	306	318	411	465
<i>Bdella arctica</i> Thorell 1872										
<i>Bdella groenlandicus</i> Trägårdh										
<i>Bdella sanguinea</i> (Trouessart)										
<i>Bdella littoralis</i> (Linnaeus)										
<i>Molgus littoralis</i> (L.)										
<i>Neomolgus pallipes</i> (L.Koch)	159	305	306							

**Cunaxidae**



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Cunaxoides croceus* (C.L.Koch 1838) 320

*Eupalus croceus* (C.L.Koch)

### **Eupodoidea**

#### **Eupodidae**

*Cocceupodes clavifrons* (R. Canestrini 1886) 219 318 320

*Coccorhagidia clavifrons* (Canestrini) *Eupodes clavifrons* Canestrini

*Eupodes variegatus* C.L.Koch 1838 219 318 320

*Prottereunetes borneri* Thor 1934 219 320

#### **Penthaleidae**

*Penthaleus maior* (Duges 1834) 219 318 319 320

*Penthaleus insulanus* Thorell

*Penthaleus* sp. 306

#### **Penthalodidae**



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Penthalodes ovalis</i> (Dugès 1834)	219	306	318	319	320				
<i>Chromotydeus arcticus</i> Trägårdh 1905									
<i>Penthalodes ovalis</i> Dugès									
<i>Penthaleus arcticus</i> Trägårdh									
<b>Rhagidiidae</b>									
<i>Coccorhagidia clavifrons</i> (Canestrini 1886)	318								
<i>Rhagidia clavifrons</i> (Canestrini)									
<i>Rhagidia gelida</i> Thorell 1872	20	41	159	219	305	306	318	319	320
<b>Lebertioidea</b>									
<b>Sperchonidae</b>									
<i>Sperchon brevirostris</i> (Koenike 1895)	20	305	318						
<i>Sperchon lineatus</i> Thor 1899									
<b>Pachygnathoidea</b>									
<b>Alicorhagiidae</b>									
<i>Alicorhagia clavipilus</i> (Thor 1931)	320								
<i>Epistomalycus clavipilus</i> Thor									
<i>Alicorhagia plumipilis</i> (Thor 1931)	320								
<i>Epistomalycus plumipilis</i> Thor									
<b>Nanorchestidae</b>									





## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Nanorchestes arboriger* (Berlese 1904) 219 318 320

*Alycus arboriger* Berlese

### **Pygmepheroidea**

#### **Pygmephoridae**

*Bakerdania arcticus* (Thor 1934) 320

*Pediculoides arcticus* (Thor)

### **Raphignathoidea**

#### **Stigmaeidae**

*Eustigmaeus oudemansi* (Thor 1930) 318

*Ledermülleria oudemansi* (Thor)

*Eustigmaeus pulchellus* (Thor 1930) 318

*Liostigmaeus pulchellus* Thor

*Eustigmaeus* sp. 56

*Ledermülleria* sp.

### **Tetranychoida**

#### **Tetranychidae**

*Bryobia borealis* Oudemans 1930 306 318 320

### **Trombidioidea**



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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### **Podothrombiidae**

*Podothrombium bicolor* (Hermann 1804) 318

*Podothrombium curtipalpe* (Thor 1900) 318

*Podothrombium svalbardense* Oudemans 1930 318

### **Tydeoidea**

#### **Tydeiidae**

*Coccotydeus globifer* (Thor 1931) 320

*Microtydeus constans* Thor 1931 219 320

*Triophtydeus pinicolus* (Oudemans 1929) 320

*Tydaeolus tenuiclaviger* (Thor 1931) 320

*Coccotydeus tenuiclaviger* (Thor)

*Tydeus croceus* (Linnaeus 1758)



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Tydeus langei</i> Thor 1934	320		
<i>Tydeus svalbardensis</i> Thor 1932	219	320	
<i>Tydeus</i> sp.			

**Parasitiformes**

**Gamasida (Mesostigmata)**

**Ascoidea**

**Ascidae**

<i>Antennoseius (Vitzthumia) oudemansi</i> (Thor 1930)	56	318	320
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*Vitzthumia oudemansi* Thor

<i>Arctoseius babenkoi</i> Makarova 1999	450	451	452
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<i>Arctoseius cetratus</i> (Sellnick 1940)	452		
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<i>Arctoseius haalovi</i> Lindquist 1963 ms	452		
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*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Arctoseius laterincisus</i> Thor 1930	318	320		
<i>Arctoseius multidentatus</i> Evans 1955	56	452		
<i>Arctoseius ornatus</i> Evans 1955	450	452		
<i>Arctoseius pristinus</i> Karg 1992	56			
<i>Arctoseius taimyricus</i> Petrova and Makarova 1991	56	450	452	462
<i>Arctoseius weberi</i> Evans 1955	56	452		
<i>Melichares</i> sp.	56			
<i>Proctolaelaps parvanalis</i> (Thor 1930)	318	320		
<i>Lasioseuis parvanalis</i> Thor				



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Zerconopsis sp.*

56

**Phytoseiidae**

*Amblyseius magnanalis* Thor 1930

318 320

*Lasioseius magnanalis* Thor

**Dermanyssoidea**

**Haemogamasidae**

*Haemogamasus ambulans* (Thorell 1872)

201 318 320

*Eulaelaps ambulans* (Thorell)

**Hypoaspidae**

*Hypoaspis ovalis* L.Koch

159 305 319

**Laelapidae**

*Laelaps hilaris* (Koch)

201

**Eviphidoidea**

**Eviphididae**

*Thinoseius sp.*

525

**Rhodacaroidea**

**Ologamasidae**



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Gamasellus borealis* (Koch 1879) 306

**Zerconoidea**

**Zerconidae**

*Zercon forsslundi* Sellnick 1958 56

*Zercon triangularis* C.L.Koch 1836 318 320

*Zercon zelawaensis* Sellnick 1944 56

*Zercon* spp. 56

**Ixodida (Metastigmata)**

**Ixodoidea**

**Ixodidae**

*Ixodes (Ceratiixodes) uriae* White 1852 41

*Ixodes putus* (Pickard-Cambridge)

**Araneae**

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*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

**Gnaphosidae**

*Micaria constricta* Emerton 1894 138 146 160 166 167 169 306 314

*Micaria eltoni* Jackson

**Hahniidae**

*Hahnia helveola* Simon 1875 138 169 312

**Linyphiidae**

*Halorates holmgreni* (Thorell 1871) 41 42 43 44 120 137 146 160 163 166

*Coryphaeolanus holmgreni* Thor *Lophomma holmgreni* (Thorell) 167 168 169 305 306 312 322

*Coryphaeus mendicus* L. Koch *Coryphaeus holmgreni* Thor

*Collinsia holmgreni* (Thorell 1871)

*Halorates spetsbergensis* (Thorell 1871) 43 56 120 137 138 146 160 161 129 163

*Collinsia spetsbergensis* (Thorell 1871) *Typhochraestus spetsbergensis* (Thor) 166 167 168 169 199 271 305 306 312 314

? *Typhochraestus borealis* Thor *Erigone spetsbergensis* Thorell 318 319 345 378 420 421

*Microerigone spetsbergensis* (Thorell)

*Halorates thulensis* (Jackson 1934) 146 160 312

*Collinsia thulensis* (Jackson 1934)

*Collinsia* sp. 319



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Erigone longipalpis</i> Sundevall 1830	319									
<i>Erigone arctica palearctica</i> Braendegaard 1934	12	43	55	56	120	137	138	146	160	129
<i>Erigone arctica</i> White	163	166	167	168	169	199	271	305	306	312
	314	318	345	378	411	420	421			
<i>Erigone psychrophila</i> (Thorell 1871)	137	129	138	146	160	163	166	167	168	199
	306	312	345	378	420	421				
<i>Erigone tirolensis</i> L. Koch 1872	20	41	42	43	44	160	166	167	169	305
	306	312	322							
<i>Erigone</i> sp.	156	163	191	193						
<i>Hilaria glacialis</i> (Thorell 1871)	43	55	56	120	137	138	146	160	129	163
<i>Erigone glacialis</i> Thorell	166	167	168	169	199	305	306	312	314	318
	319	345	378	420	421					
<i>Hilaria</i> sp.	156									





*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Improphantes complicatus</i> (Emerton 1882)	43	120	160	169	312	345				
<i>Lepthyphantes hyperboreus</i> Strand										
<i>Micryphantes hyperboreus</i> C.L.Koch										
<i>Lepthyphantes complicatus</i> (Emerton 1882)										
 <i>Mughiphantes sobrius</i> (Thorell 1871)	 43	 120	 129	 137	 138	 146	 160	 163	 166	 167
<i>Linyphia sobria</i> Thorell	168	169	199	305	306	312	314	319	345	
<i>Lepthyphantes sobrius</i> (Thorell 1871)										
 <i>Mecynargus borealis</i> (Jackson 1930)	 138	 146	 160	 191	 193	 194	 199			
<i>Rhaebothorax borealis</i> (Jackson)										
<i>Conigerella borealis</i> (Jackson)										
 <i>Agyneta nigripes</i> (Simon 1884)	 41	 42	 44	 146	 160	 161	 163	 167	 169	 199
<i>Agyneta nigripes</i> (Simon)	306	312	314	322	345	378	420	421		
<i>Micryphantes nigripes</i> Simon										
<i>Meioneta nigripes</i> (Simon 1884)										
 <i>Oreonetides vaginatus</i> (Thorell 1872)	 312									
 <i>Walckenaeria karpinskii</i> (O.P.-Cambridge 1873)	 146	 160	 322							
<i>Cornicularia karpinskii</i> (Cambridge)										
 <i>Tapinocyba insecta</i> (L.Koch 1869)	 169	 312								
<i>Colobocyba insecta</i> L.Koch										



**Philodromidae**

*Thanatus formicinus* (Clerck 1757)

345



## Mandibulata

### Collembola

#### Arthropleona

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##### **Arrhopalitidae**

*Arrhopalites principalis* Stach 1945

56 112 114 116 318 326 327 387

*Arrhopalites binoculatus* (Borner)

##### **Entomobryidae**

*Entomobrya* sp.

56 112

*Entomobrya subarctica* Stach 1962

33 112 116 286 326 327

*Lepidocyrtus lignorum* Fabricus 1793

58 60 69 116 112 117 211 284 286 306

*Lepidocyrtus lanuginosus* (Gmelin)

318 319 326 342 387

##### **Hypogastruridae**

*Bonetogastrura nivalis* (Martynova 1973)

117



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Ceratophysella longispina</i> (Tullberg 1876)	58	60	107	112	116	117	140	141	142	143
<i>Hypogastrura longispina</i> (Tullberg)	211	263	266	278	286	306	318	319	326	327
<i>Hypogastrura armata</i> (Nicolet)	358	400	418	420	421	443	444	470		
<i>Ceratophysella succinea</i> (Gisin 1949)	33	112	114	116	122	123	219	284	326	327
<i>Hypogastrura succinea</i> Gisen										
<i>Hypogastrura armata</i> (Nicolet)										
<i>Hypogastrura concolor</i> (Carpenter 1900)	112	116	117							
<i>Hypogastrura sensilis</i> (Folsom 1919)	112	116								
<i>Hypogastrura</i> sp.	15	112								
<i>Hypogastrura tullbergi</i> (Schäffer 1900)	13	29	31	32	33	56	58	66	68	69
<i>Achorutes dubius</i> Tullberg	70	98	112	116	117	123	150	152	155	156
<i>Achorutes tullergi</i> Schäffer										
<i>Hypogastrura spitsbergensis</i> Stach	157	271	211	241	262	263	264	266	268	286
	296	306	284	326	327	352	354	358	363	373
	375	377	387	397	418	420	421	444	445	



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Hypogastrura viatica</i> (Tullberg 1871)	20	56	58	60	109	112	114	116	117	123
<i>Achorutes viaticus</i> Tullberg	140	141	142	143	191	193	194	211	212	256
	263	266	278	284	286	305	306	308	318	319
	326	327	332	353	358	411	418	420	421	429
	434	443	444	454	470	472	492			
<i>Podura hyperborea</i> Boheman 1865	112	116	327							
<i>Hypogastrura</i> or <i>Ceratophysella</i> . Species unknown.										
<i>Willemia anophthalma</i> Börner 1901	112	114	116	122	219	263	266	318	326	327
<i>Willemia scandinavica</i> Stach 1949	112	114	116	117	141	143	266	284		
<i>Willemia similis</i> Mills 1934	114	116	117							
<i>Xenylla humicola</i> (Fabricius 1780)	20	41	42	56	58	60	110	112	114	116
	117	122	141	143	211	263	266	278	284	286
	305	306	318	319	326	327	332	358	470	
<i>Xenylla</i> sp.	112	256								

**Isotomidae**



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Agrenia bidenticulata</i> (Tullberg 1876)	15	20	56	58	60	112	114	116	117	208
<i>Isotoma bidenticulata</i> Tullberg	211	212	263	266	271	278	286	306	318	319
	326	327								
<i>Archisotoma besselsi</i> (Packard 1877)	58	60	112	114	116	117	122	211	217	219
? <i>Isotoma spitzbergensis</i> Lubbock	266	278	305	306	327					
? <i>Isotoma arctica</i> Stscherbakow										
<i>Isotoma janmayensis</i> (Wahlgren)										
<i>Archisotoma megalops</i> (Bagnall 1939)	112	114	116	127	208	209				
<i>Archisotoma polaris</i> Fjellberg and Poinot 1975	13	116	117	118						
<i>Isotoma arctica</i> Stscherbakow										
<i>Folsomia alpha</i> Grow and Christiansen 1976	33	42	69	70	112	116	117	122	141	143
<i>Isotomina gracilis</i> Stach	219	249	286	326	327					
<i>Folsomia sensibilis</i> Kseneman										
<i>Folsomia bisetosa</i> Gisin 1953	41	58	60	69	112	114	116	117	122	123
<i>Folsomia fimetaria</i> (L.)	141	143	219	249	263	266	271	284	306	318
	319	326	327	358	377	387	420	421	470	
<i>Folsomia bisetosella</i> Fjellberg 2005	523									



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Folsomia quadrioculata</i> (Tullberg 1871)	16	20	29	32	37	56	58	60	68	69
<i>Isotoma quadrioculata</i> Tullberg	109	111	112	114	116	117	123	140	141	142
	143	191	193	194	211	212	217	243	249	262
	266	268	271	278	284	305	306	318	319	326
	327	342	358	363	373	375	377	387	400	411
	418	420	421	428	429	443	444	470	501	
<i>Folsomia regularis</i> Hammer 1953	33	58	60	112	116	117	249	271	284	286
<i>Isotoma binoculata</i> Wahlgren	318	319	326	327						
<i>Folsomia sexoculata</i> (Tullberg 1871)	20	58	60	114	116	122	140	141	142	143
	219	249	286	305	306	318	326	327	400	429
	443	444								
<i>Folsomia</i> sp.	112	157								
<i>Folsomia stella</i> Grow and Christiansen 1976	69	114	116							
<i>Folsomia taimyrica</i> Martnova 1973	56	114	116	326						
<i>Isotoma notabilis</i> Schäffer 1896	112	114	116	122	219	284				



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Isotoma anglicana</i> Lubbock 1862	15	20	41	42	56	58	60	69	70	112
<i>Isotoma viridis</i> Bourlet	114	116	117	122	211	212	219	263	266	278
<i>Isotoma palustris</i> (Gmelin)	284	286	305	306	318	319	326	327	332	358
	377	387	411	418	420	421	470	502		
<i>Isotoma multisetis</i> Carpenter and Phillips 1922	20	58	60	112	116	305	327			
<i>Isotoma neglecta</i> Schäffer 1900	20	33	58	60	112	114	116	117	263	286
<i>Isotoma fennica</i> (Reuter)	318	319	327							
<i>Isotoma violacea</i> Tullberg										
<i>Isotoma olivacea</i> Tullberg 1871	58	112	114	116	263	266	306	318		
<i>Isotoma regularis</i> Hammer 1957	112									
<i>Isotoma binoculata</i> Wahlgren										
<i>Isotoma ruseki</i> Fjellberg 1979	112	116								
<i>Isotoma</i> sp.	56	112	191	193	327					





## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Isotoma tshernovi</i> Martynova 1974	56	69	112	116	117	326	327	418		
<i>Isotoma fennica</i> (Reuter)										
<i>Isotoma nansenii</i> Fjellberg										
<i>Isotoma olivacea</i> (Tullberg)										
<i>Pseudanurophorus inoculatus</i> Bødvarsson 1957	56	112	114	116	117	122	326			
<i>Tetracanthella arctica</i> Cassagnau 1959	20	58	60	112	114	116	123	141	143	271
<i>Tetracanthella wahlgrenii</i>	305	318	319	327	332	358	375	387	418	458
Linnaniemi: Thor										
<i>Tetracanthella pilosa</i> Schött:										
Wahlgren	470									
<i>Tetracanthella coerulea</i> (Haller)										
<i>Vertagopus arcticus</i> Martynova 1969	112	117								
<i>Vertagopus pseudocinereus</i> Fjellberg 1975	112	116								
<b>Neanuridae</b>										
<i>Anurida granaria</i> (Nicolet 1847)	58	112	116	306	318	327				
<i>Anurida maritima</i> (Guerin 1836)	112	117								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Anurida polaris</i> (Hammer 1954)	56	69	70	112	114	116	117	141	143	263
<i>Anurida frigidida</i> Fjellberg	266	284	326							
<i>Anurida</i> sp.	112	191								
<i>Friesea quinquespinosa</i> Wahlgren 1900	112	116	117	284	326	327	358	470		
<i>Friesea nauroisi</i> Cassagnau										
<i>Micranurida pygmaea</i> Börner 1901	41	56	112	114	116	117	122	219	263	284
<i>Anurida pygmaea</i> (Börner)	326	387								
<b>Odontellidae</b>										
<i>Xenyllodes armatus</i> Axelson 1903	112	116	318	327						
<b>Onychiuridae</b>										
<i>Megaphorura arctica</i> (Tullberg 1876)	12	13	20	35	41	42	57	58	60	66
<i>Aphorura arctica</i> Tullberg	69	109	112	114	116	117	122	150	151	152
<i>Lipura arctica</i> Tullberg										
<i>Onychiurus armatus</i> (Tullberg) var. <i>arcticus</i> Tullberg	153	155	156	157	162	194	211	217	219	243
<i>Onychiurus arcticus</i> (Tullberg)	263	266	281	282	284	286	296	305	306	307
<i>Protaphorura arctica</i>	318	319	326	327	332	334	340	342	344	355
	358	363	375	398	408	409	411	418	425	426
	470	473	477	498	501	503				



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Mesaphorura jirii</i> Rusek 1982	112	114	116							
<i>Mesaphorura macrochaeta</i> Rusek 1976	112	114	116	117	122	219				
<i>Tullbergia krausbaueri</i> Börner: Gisin										
<i>Mesaphorura tenuisensillata</i> Rusek 1974	112	114	116							
<i>Oligaphorura groenlandicus</i> (Tullberg 1876)	13	56	58	60	66	69	112	114	115	116
<i>Onychiurus groenlandicus</i> (Tullberg)	117	122	123	140	141	143	152	156	157	193
<i>Lipura groenlandica</i> (Tullberg)	211	217	219	263	266	281	282	284	306	318
	319	326	327	358	373	375	377	400	411	418
	420	421	429	443	444	470				
<i>Oligaphorura ursi</i> (Fjellberg 1984)	114	115	116	117	387					
<i>Onychiurus ursi</i> (Fjellberg)										
<i>Onychiurus</i> sp.	112	191								
<i>Protaphorura duplopunctatus</i> (Strenzke 1954)	60	112	114	116	117	122	219	284	319	326
<i>Onychiurus duplopunctatus</i> (Strenzke)	327	332								
<i>Onychiurus debilis</i> Moniez: (Gisin)										
<i>Onychiurus neglectus</i> Schäffer										
<i>Aphorura neglecta</i> Schäffer: Wahlgren										



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Protaphorura macfadyeni</i> (Gisin 1953)	41	42	112	114	116	122	219	326	332
<i>Aphorura armata</i> Tullberg: Wahlgren									
<i>Onychiurus macfadyeni</i> (Gisin)									
<i>Onychiurus duodecimpunctatus</i>									
<i>Tullbergia arctica</i> Wahlgren 1900	112	114	116	122	219	326	327		
<i>Tullbergia simplex</i> Gisin 1958	112	114	116	117					
<i>Tullbergia</i> sp.	112	326							

**Neelipleona**

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**Neelidae**

<i>Megalothorax minimus</i> (Willem 1900)	112	114	116	117	122	219	263	326
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*Neelus* (*Megalothorax*) *minimus*  
Willem: Gisin

**Symphyleona**

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**Katiannidae**



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Sminthurinus aureus</i> (Lubbock 1862)	20	112	318	327						
<i>Sminthurinus concolor</i> (Meinert 1896)	20	33	41	42	58	60	69	112	114	116
<i>Sminthurinus niger</i> (Lubbock)	117	122	211	219	263	286	305	306	284	318
	326	327	377	387	420	421				
<i>Sminthurinus</i> sp.	358	470								
<b>Sminthurididae</b>										
<i>Sminthurides inaequalis armatus</i> Bretfeld 2000	359	420	421							
<i>Sminthurides malmgreni</i> (Tullberg 1876)	15	20	56	58	60	112	116	117	200	266
<i>Sminthurus malmgreni</i> Tullberg	278	286	305	318	319	327	358	418	470	
<i>Sphaeridia pumilis</i> (Krausbauer 1898)	112	116								



## **Insecta**

### **Endopterygota**

#### **Siphonaptera**

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—

#### **Ceratophyllidae**

*Ceratophyllus vagabundus vagabundus* (Boheman 1866)

75 105 176 223 319

*Pulex vagabunda* Boheman

*Ceratophyllus digitalis* (Wahlgren)

*Mioctenopsylla arctica arctica* Rothschild 1922

71 128 176 223

*Mioctenopsylla arctica* Rothschild

#### **Coleoptera**

—

—

#### **Anthicidae**

*Anthicus flavipes* (Panzer 1797)

179

#### **Byrrhidae**

*Simplocaria metallica* (Sturm 1807)

113 128 261 293 303 305

#### **Carabidae**



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Amara quenseli</i> (Schönherr 1806)	17	113	302	303	305	411		
<b>Chrysomelidae</b>								
<i>Phytodecta</i> ?	104	306						
<b>Coccinellidae</b>								
<i>Coccinella septempunctata</i> L 1758								
<b>Cryptophagidae</b>								
<i>Atomaria atricapilla</i> Stephens 1830	113	179						
<i>Atomaria lewisi</i> Reitter 1877	113	178						
<b>Curculionidae</b>								
<i>Orchestris saliceti</i> Fabricus	76	104	108	198	306	319		
<i>Tachyerges (Orchestris) saliceti</i> Fabricus								
<i>Isochnus flagellum</i> (Ericson 1902)	113	128	146	178	303	305	318	387
? <i>Rhynchaenus foliorum</i> (Müller)								
<i>Rhynchaenus flagellum</i> (Ericson 1902)								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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**Dytiscidae**

*Hydroporus striola* Gyllenhal 1827 196

**Lathridiidae**

*Latrididius minutus* (L. 1767) 20 105 205

*Enicmus minutus* L.

**Silvanidae**

*Oryzaeophilus mercator* Fauvel 370

**Staphylinidae**

*Atheta graminicola* (Gravenhorst 1806) 12 56 76 104 128 146 156 157 408 411

? *Atheta prope frigida* Sahlberg 1806 501

*Atheta* sp. 306

*Boreophilia subplana* (J. Sahlberg 1880) 76 113 128 146 198 319

*Atheta subplana* J. Sahlberg





## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Eucnecosum brachypterum</i> (Gravenhorst 1802)	20	113	198	205			
<i>Arpedium brachypterum</i> (Gravenhorst)							
<i>Micralymma marinum</i> (Strøm 1783)	20	76	113	146	198	205	319
<i>Olophrum boreale</i> (Paykull 1792)	20	41	113	205			
<i>Omalium caesum</i> Gravenhorst 1806	113						
<i>Omalium septentrioneis</i> Thompson 1857	20	205					
<i>Philonthus</i> sp.	113	292					
<b>Diptera</b>							
<b>Brachycera</b>							
—							
<b>Anthomyiidae</b>							
<i>Fucellia focorum</i> (Fallén 1819)	146	321					
<i>Scatomyza hyperborea</i> Boheman							



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Zaphne frontata</i> (Zetterstedt 1838)	42	65	120	305	306	308	319	321
<i>Acroptena frontata</i> Zetterstedt								
<i>Scatomyza obscura</i> Boheman								
<i>Aricia frontata</i> Zetterstedt								
<i>Hylemyia frontata</i> Zetterstedt								
<b>Calliphoridae</b>								
<i>Boreellus atriceps</i> (Zetterstedt, 1845)	306							
 <i>Calliphora vicina</i> Robineau-Desvoidy 1830	306							
<i>Calliphora erythrocephala</i> (Meigen 1826)								
 <i>Cynomyia mortuorum</i> (L. 1761)	20	41	42	101	219			
 <i>Protophormia terranova</i> (Robineau-Desvoidy 1830)	105	146	158	239	306	423	505	
<i>Phormia terrae-novae</i> Robineau-Desvoidy 1830								
<i>Phormia groenlandica</i> (Zetterstedt)								
<b>Coelopidae</b>								
<i>Coelopa eximia</i> Stenhammer 1854	319							
 <i>Fucomyia frigida</i> Fallén 1805	59	65	105	125	146	306	319	505
<i>Coelopa frigida</i> (Fabricus)								



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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### **Drosophilidae**

*Drosophila funebris* (Fabricus 1787) 125 281 388

### **Empididae**

*Rhamphomyia caudata* Zetterstedt 1838 65 125 146 185 187 305 306 319 505

### **Heleomyzidae**

*Heleomyza modesta* (Meigen, 1878) 156 232 319 341

*Heleomyza serrata* (L. 1758) 20 101 105 185 187

*Heleomyza borealis* (Boheman 1865) 125 497 498 505

*Leria modesta* Meigen (det. Collin) ? *Leria geniculata* Zetterstedt

### **Helomyzidae**

*Leria geniculata* Zetterstedt 1847 120 319

*Neolaria prominens* (Becker 1897) 125 267 505



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Neoleria septentrionalis</i> (Collin 1923)	20	59	65	101	319				
<i>Leria septentrionalis</i> Collin (det. Collin)									
<b>Muscidae</b>									
<i>Limnophora</i> sp.	41								
<i>Spilogona brunneifrons</i> Ringdahl 1931	313	321							
<i>Spilogona denudata</i> (Holmgren 1869)	319	321							
<i>Aricia denudata</i> Holmgren									
<i>Aricia ranunculi</i> Holmgren									
<i>Spilogona dorsata</i> (Zetterstedt 1845)	20	65	101	102	219	305	306	319	505
<i>Aricia conspurcata</i> Holmgren									
<i>Aricia dorsata</i> Zetterstedt									
<i>Aricia fuliginosa</i> Holmgren									
<i>Aricia hyperborea</i> Boheman									
<i>Aricia illota</i> Holmgren									
<i>Aricia labiosa</i> Boheman									
<i>Limnophora hyperborea</i> Boheman									
<i>Spilogona megastoma</i> (Boheman 1866)	59	65	305	319	321	505			
<i>Aricia ludibunda</i> Holmgren									
<i>Aricia pauxilla</i> Holmgren									
<i>Limnophora arctica</i> Becher									
<i>Limnophora megastoma</i> (Boheman)									
<i>Spilogona quinquelineata</i> (Zetterstedt 1838)	313	321							



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Spilogona triangulifera</i> (Zetterstedt 1838)	59	120	185	187	319	321
<i>Aricia triangulifera</i> Zetterstedt						
<i>Aricia vitticollis</i> Zetterstedt						
<i>Limnophora triangulifera</i> Zetterstedt						
 <i>Spilogona varsviensis</i> Schnabl in Schnabl and Dziedzicki 1911						
 <i>Spilogona</i> sp.	474					
 <b>Piophilidae</b>						
<i>Parapiophila vulgaris</i> (Fallén 1820)	20	101	213	505		
<i>Piophila vulgaris</i> Fallén						
<i>Piophila</i> sp. cf. <i>vulgaris</i> Fallén						
 <b>Scatophagidae</b>						
<i>Allomyella frigida</i> (Holmgren 1883)	20	101				
<i>Microprosopa frigida</i> (Holmgren)						
 <i>Scatophaga furcata</i> (Say 1823)	59	125	146	319	411	420
<i>Scatophaga squalida</i> Meigen						
 <i>Scatophaga litorea</i> (Fallén 1819)	20	59	101	125	146	219
<i>Scatophaga nigripes</i> (Holmgren)						



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Scatophaga varipes</i> (Holmgren 1883)	65	219	305	306				
<i>Scatophaga</i> sp.	41							
<b>Sphaeroceidae</b>								
<i>Copromyza</i> ( <i>Borborus</i> ) <i>uncinatus</i> (Duda 1923)	125	313						
<i>Norrbomia fumipennis</i> (Stenhammar 1855)	125	319	505					
<i>Copromyza</i> ( <i>Borborus</i> ) <i>fumipennis</i> Stenhammar								
<b>Syrphidae</b>								
<i>Syrphus ribesii</i> (L. 1758)	65	105	120	146	156	174	177	185
<i>Syrphus torvus</i> Osten-Sacken 1875	105	106	281	282				
<i>Parasyrphus tarsatus</i> (Zetterstedt 1838)	265	420	421					
<i>Scaeva dryadis</i> Holmgren								
<i>Syrphus tarsatus</i> Zetterstedt ( <i>dryadis</i> Holmgren)								
<i>Syrphus tarsatus</i> Zetterstedt								
<b>Tachinidae</b>								



*Tachina glacialis* Boheman 319

**Nematocera**

—  
**Culicidae**

*Aedes (Ochlerotatus) nigripes* (Zetterstedt 1838) 59 96 146 147 282 296 305 319 422

*Aedes alpinus* L. *Culex nigripes* Zetterstedt

**Mycetophilidae**

*Allodida* sp. 146

*Boletina maculata* Holmgren 1870 20 59 96 98 101 146 319 323

*Boletina apicalis* (Walker)

*Boletina* sp.

*Coelosia tenella* (Zetterstedt 1852) 59 96 98 146 319 323

*Boletina setipennis* (Holmgren)

*Exechia frigida* (Boheman 1865) 20 59 96 97 101 121 219 305

*Mycetophila frigida* Boheman



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Mycomyia</i> sp.	146	323		
<i>Phronia egregia</i> Dziedzicki 1889	98	146	306	323
<i>Phronia melaena</i> Edwards				
<i>Rhymosia</i> sp.	146			
<i>Mycetophilidae</i> sp.				
<b>Scatopsidae</b>				
<i>Scatopse notata</i> (L. 1758)	99			
<i>Tipula notata</i> L.				
<b>Sciaridae</b>				
<i>Bradysia nervosa</i> (Meigen 1818)	308			
<i>Sciara variabilis</i> Zetterstedt				
<i>Bradysia praecox</i> (Meigen 1818)	96	98	305	306
<i>Sciara praecox</i> Meigen				





## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Camptochaeta consimilis</i> (Holmgren 1869)	20	96	101	323					
<i>Corynoptera consimilis</i> (Holmgren)									
<i>Sciara consimilis</i> Holmgren									
<i>Camptocheata delicata</i> (Frey 1948)	20	96	98	99	101	305	306	319	505
<i>Neosciara delicata</i> Lengersdorf									
<i>Sciara pallidiventris</i> Holmgren									
<i>Corynoptera röderi</i> Lengersdorf 1931	20	101							
<i>Sciara röderi</i> Lengersdorf									
<i>Lycoriella</i> (Hemineurina) <i>abbrevinervis</i> (Holmgren 1869)	96	323							
<i>Sciara abbrevinervis</i> Holmgren									
<i>Lycoriella</i> (Hemineurina) <i>cochleata</i> (Rübsaamen 1898)									323
<i>Lycoriella</i> (Hemineurina) <i>modesta</i> (Staeger 1840)	20	96	97	99	101	306	318	323	
<i>Lycoriella arctica</i> (Holmgren) Frey									
<i>Sciara frigida</i> Holmgren									
<i>Sciara holmgreni</i> Rübsaamen ( <i>frigida</i> Holmgren)									
<i>Sciara groenlandica</i> Rübsaamen									
<i>Sciara arctica</i> Holmgren									
<i>Sciara ecalcarata</i> Holmgren									
<i>Lycoriella postconspicua</i> Mohrig, 1985									505



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Lycoriella (Hemineurina) vitticollis (Holmgren 1883)</i>	318	323							
<i>Sciara glacialis</i> Rübsaamen									
<i>Sciara permutata</i> (Lundbeck)									
<i>Lycoriella (Lycoriella) parva (Holmgren 1869)</i>									
<i>Sciara parva</i> Holmgren									
<i>Schwenckfeldina tridentata (Rübsaamen 1898)</i>	20	96	97	101	102	305	306	318	505
<i>Rhynchosciara laguncularis</i>									
Lengersdorf									
<i>Sciara tridentata</i> Rübsaamen									
<i>Sciara sp.</i>	20	59	101	219	306				
<b>Simuliidae</b>									
<i>Prosimulium ursinum (Edwards 1935)</i>	20	101	100						
<i>Simulium ursinum</i> Edwards									
<b>Trichoceridae</b>									
<i>Trichocera borealis</i> Lackschewitz 1934	73	74	296	310					
<i>Trichocera hiemalis (De Geer 1760)</i>	319								
<i>incisurata</i>									



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Trichocera lutea</i> (Becher 1886)	20	73	74	96	97	98	101	110	219
<i>Metatrichocera lutea</i> (Becher)									
<i>Trichocera maculipennis</i> Meigen 1818	20	97	101	110	219				
<i>Trichocera parva</i> Meigen 1804	319								
<i>Trichocera saltator</i> (Harris 1776)	96	98	102						
<i>Trichocerae</i> sp.	267								
<b>Chironomidae</b>									
<i>Chironomidae</i> sp.	510								
<b>Chironominae</b>									
<i>Chironomus (Chironomus) hyperboreus</i> Staeger 1841	210								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Chironomus (Chironomus) lugubris</i> Zetterstedt 1850	154	210	513
<i>Sergentia coracina</i> (Zetterstedt 1850)	210		
<i>Sergentia psiloptera</i> (Edwards 1935)	210		
<i>Sergentia</i> sp.	362		
<i>Micropsectra radialis</i> Goetghebuer 1939	210		
<i>Micropsectra radialis</i> - type	362	491	
<i>Paratanytarsus austriacus</i> (Kieffer 1924)	210	513	
<i>Paratanytarsus austriacus</i> -type	362		
<i>Tanytarsus lugens</i> - type	362		



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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**Diamesiinae**

<i>Diamesa aberrata</i> Lundbeck 1889	154	210	513
<i>Diamesa arctica</i> (Boheman 1865)	154	210	513
<i>Diamesa arctica</i> -type	362		
<i>Diamesa bertrami</i> Edwards 1935	154	210	513
<i>Diamesa bohemani</i> Goetghebuer 1932	210	513	
<i>Diamesa hyperborea</i> Holmgren 1869	210		
<i>Diamesa incallida</i> (Walker)	513		
<i>Diamesa lindrothi</i> Goetghebuer 1931	154	210	



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Diamesa lundstroemi</i> Kieffer 1911	210	
<i>Diamesa zernyi</i> - type	362	
<b>Orthoclaadiinae</b>		
<i>Camptocladus stercorarius</i> (De Geer 1776)	210	
<i>Chaetocladus dissipatus</i> (Edwards),	513	
<i>Chaetocladus dentiforceps</i> (Edwards)	513	
<i>Chaetocladus holmgreni</i> (Jabcobson 1898)	210	513
<i>Chaetocladus laminatus</i> Brundin 1947	154	
<i>Chaetocladus perennis</i> (Meigen 1830)	210	513



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Chaetocladus piger</i> gr.	513	
<i>Corynoneura scutellata</i> -Winnertz type	362	
<i>Cricotopus (Cricotopus) ephippium</i> (Zetterstedt 1838)	210	
<i>Cricotopus (Cricotopus) lestralis</i> (Edwards 1924)	210	513
<i>Cricotopus (Cricotopus) pilosellus</i> Brund 1956	210	
<i>Cricotopus (Cricotopus) polaris</i> Keiffer 1926	513	
<i>Cricotopus (Cricotopus) tibialis</i> (Meigen 1804)	210	
<i>Cricotopus (Cricotopus) villosus</i> Hirvenoja 1973	210	
<i>Cricotopus (Cricotopus) tremulus</i> gr.	513	



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Cricotopus (Isocladius) glacialis</i> Edwards 1922	210		
<i>Heterotrissocladius subpilosus</i> (Kieffer 1911)	210		
<i>Hydrobaenus conformis</i> (Holmgren 1869)	210	513	
<i>Hydrobaenus conformis</i> - type	362		
<i>Limnophyes brachytomus</i> (Kieffer 1922)	154	210	513
<i>Limnophyes edwardsi</i> Sæther 1990	210	513	
<i>Limnophyes eltoni</i> (Edwards 1921)	210	513	
<i>Limnophyes lapponicus</i> Goetghebuer 1939	210		
<i>Limnophyes pumilio</i> (Holmgren 1869)	210		





*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Limnophyes</i> sp.	362	
<i>Metriocnemus</i> sp	362	
<i>Metriocnemus cataractarum</i> Kieffer 1919	210	
<i>Metriocnemus eurynotus</i> (Holmgren 1883)	210	513
<i>Metriocnemus obscuripes</i> (Holmgren 1869)	154	
<i>Metriocnemus picipes</i> (Meigen 1818)	210	
<i>Metriocnemus similis</i> Keiffer 1922	210	
<i>Metriocnemus ursinus</i> (Holmgren 1869)	210	513
<i>Oliveridia</i>	362	



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Oliveridia tricornis</i> (Oliver 1976)	491		
<i>Orthocladus (Eudactylocladius) gelidus</i> Kieffer 1922	210	513	
<i>Orthocladus (Eudactylocladius) mixtus</i> (Holmgren 1869)	210		
<i>Orthocladus (Eudactylocladius) spitzbergensis</i> (Kieffer 1909)	210		
<i>Orthocladus (Euorthocladus) telochaetus</i> Langton 1985	154	210	513
<i>Orthocladus (Euorthocladus) theinemanni</i> Kieffer	513		
<i>Orthocladus (Orthocladus) decoratus</i> (Holmgren 1869)	210	513	
<i>Orthocladus (Orthocladus) knuthi</i> Sponis 1977	210		
<i>Orthocladus (Orthocladus) obumbratus</i> Johannsen 1905	210		



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Orthocladius (Orthocladius) rhyacobius</i> Keiffer 1911	513
<i>Orthocladius (Orthocladius) trigonolabis</i> Edwards 1924	
<i>Orthocladius trigonolabis</i> – type	362
<i>Orthocladius (Pogonocladius) consobrinus</i> (Holmgren 1869)	513
<i>Orthocladius consobrinus</i> - type	362
<i>Orthocladiinae</i> sp.n.	154
<i>Paraphaenocladius brevinervis</i> (Holmgren 1869)	210 513
<i>Psectrocladius (Monopsectrocladius) calcaratus</i> (Edwards 1929)	
<i>Psectrocladius (Psectrocladius) barbimanus</i> Edwards 1929	



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Psectrocladius (Psectrocladius) borealis</i> Kieffer 1919	210
<i>Psectrocladius (Psectrocladius) limbatellus</i> (Holmgren 1869)	513
<i>Psectrocladius (Psectrocladius) octomaculatus</i> Wülker 1956	
<i>Psectrocladius (Psectrocladius) oxyura</i> Langton 1985	21
<i>Psectrocladius (Psectrocladius) ventricosus</i> Kieffer 1925	21
<i>Psectrocladius sordidelius</i> - type	362
<i>Psectrocladius psilopterus</i> (Keiffer 1906)	513
<i>Pseudosmittia oxoniana</i> (Edwards 1922)	210
<i>Smittia brevipennis</i> (Boheman 1856)	210



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Smittia extrema</i> (Holmgren 1869)	210
<i>Smittia flexinervis</i> (Kieffer 1911)	210
<i>Smittia lasiops</i> (Malloch 1915)	210
<i>Smittia</i>	362
<i>Zalutschia tatica</i> (Pagast 1935)	210
<i>Chironomus anthracinus</i> - type	362
<b>Tanypodinae</b>	
<i>Arctopelopia barbitarsis</i> (Zetterstedt 1850)	210
<i>Arctopelopia melanosoma</i> (Goetghebuer 1933)	210



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Procladius*-type 362

*Procladius cf choreus* 513

*Procladius crassinervis* (Zetterstedt 1838)

*Zavreliomyia*-type 362

### **Hymenoptera**

#### **Apocrita**

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#### **Braconidae**

*Biosteres* sp. 20 255

*Diaertiella rapae* (M'Intosh 1855) 420 421

*Dendrocerus bifoveatus* (Keiffer 1907) 378 387 417 420 421



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Ichneutes hyperboreus</i> Holmgren 1869	305	306	319	333	378	420	421
<i>Trioxys</i> sp.	378						
<b>Ceraphronidae</b>							
<i>Conostigmus spetsbergensis</i> (Holmgren 1869)	319						
<i>Ceraphron spetsbergensis</i> Holmgren							
<i>Lagynodes pallidus</i> Boheman 1832	331						
<b>Cynipidae</b>							
<i>Alloxysta</i> sp.	156	378	387	420	421		
<b>Ichneumonidae</b>							
<i>Aclastus borealis</i> (Boheman 1866)	128	146	319	331	378	387	420 421
<i>Hemiteles septentrionalis</i> Holmgren							
<i>Aclastus gracilis</i> (Thomson 1884)	20	255					
? <i>Aclastus gracilis minutus</i> Bridgman 1886							



## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Aptesis erratica</i> (Holmgren 1969)	20	255	319		
<i>Microcryptus erraticus</i> Holmgren					
<i>Phygadeuon erraticus</i> Holmgren					
<i>Atractodes bicolor</i> Gravenhorst 1829 var. <i>arcticus</i> Holmgren 1872					
<i>Atractodes pusillus</i> (Förester 1876)	374	378	387	420	421
<i>Atractodes</i> sp.	146				
<i>Gelis glacialis</i> (Holmgren 1869)	146	319	378	420	421
<i>Hemiteles glacialis</i> Holmgren					
<i>Hypamblys leucopgus</i> (Holmgren 1869)	319				
<i>Mesoleius leucopgus</i> Holmgren					
<i>Mesochorus palanderi</i> Holmgren 1869	308				
<i>Orthocentrus nigricornis</i> Boheman 1866	59	128	318	319	331
<i>Stenomacrus nigricornis</i> (Boheman)					





*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Stenomacrus groenlandicus</i> Jussila 1996	374	378	387	420	421			
<i>Stenomacrus nigricornis</i> (Boheman)								
<i>Phygadeuon</i> sp.								
<i>Plectiscidea hyperborea</i> (Holmgren 1869)	146	319	331	378	387	420	421	
<i>Plectiscus hyperboreus</i> Holmgren								
<i>Plectiscidea</i> sp.	146							
<i>Plectiscus</i> sp.	219							
<i>Stenomacrus pedestris</i> (Holmgren 1869)	20	128	146	305	318	319	331	333
<i>Orthocentrus pedestris</i> Holmgren								
<i>Stenomacrus validicornis</i> (Boheman 1866)								
<i>Orthocentrus validicornis</i> Boheman								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Stenomacrus* sp. 128 146 219 319 333

*Synodites lineiger* (Thompson 1893) 378 380 420 421

*Tymmophorus obscuripes* (Holmgren 1858) 331

*Diplazon arcticus* (Holmgren)

**Symphyta**

— **Tenthredinidae**

*Amauronematus hyperboreus* (Thomson 1875) 259 319

*Amauronematus alberich* Benson 1934 18 20

*Amauronematus villosus* (Thomson 1862) 18 20 231 305 319

*Nematus villosus* Thomson

*Amauronematus rubiginosus* Hellén 1951 447



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Amauronematus sp.</i>	156							
<i>Euura sp.?</i>	318							
<i>Pontopristia amentorum (Förster 1854)</i>	331	378	420	421				
<i>Pontopristia spp.</i>	156							
<i>Pristiphora frigida (Boheman 1865)</i>	18	20	59	128	146	259	305	306
<i>Pristiphora adelungi Kenow</i>								
<i>Nematus frigidus Boheman</i>								
<i>Pristiphora stavdingeri (Ruthe 1859)</i>	59							
<i>Pristiphora asperlatus Benson</i>								

**Lepidoptera**

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**Noctuidae**

<i>Apamea zeta Haliday 1836</i>	4	175	204	455				
<i>Apamea exulis (ef.)</i>								
<i>Apamea maillardi (Geyer 1834)</i>								



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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*Syngrapha interrogationsis* (L. 1758)

204 269

*Plusia interrogationsis* (L.)

**Nymphalidae**

*Nymphalis antiopa* (L. 1758)

282

*Vanessa cardui* (L. 1758)

204 214 281 282

**Oecophoridae**

*Hofmannospila pseudospretella* (Stainton 1849)

**Papilionidae**

*Parnassius apollo* (L. 1758)

72

**Pieridae**

*Pieris napi* (L. 1758)

175 204 281

*Artogeia napi* (L.)

*Margaritia sticticalis* (L. 1761)

**Pyralidae**



## The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:

<i>Pempelia dilutella</i> Hubner 1796	175	204								
<i>Pempelia subornatella</i> Duponchel										
<i>Plutella xylostella</i> (L. 1758)	20	41	104	110	175	204	205	214	253	281
<i>Plutella cruciferarum</i> var. <i>nivella</i> ?	282	287	306	319	376	411	420			
<i>Plutella maculipennis</i> (Curtis)										
<i>Plutella polaris</i> (Zeller)										
<i>Pyla fusca</i> Haworth 1811	204	382	379							
<i>Ephestia kuehniella</i> Zeller 1879										

### Trichoptera

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#### Limnophilidae

<i>Apatania zonella</i> Zetterstedt 1840	20	82	173	195	196	205	279	281	305	306
<i>Apatania arctica</i> (Boheman)	319	324	325	378	491					
<i>Apatelia zonella</i> Zetterstedt										
<i>Goniataulius arcticus</i> Boheman										

### Exopterygota

#### Anoplura

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#### Echinophthiriidae



*Antarctophthirus tricechi* (Boheman 1865) 176

*Echinophthirus horridus* (Olfers 1816) 110 176

*Echinophthirus groenlandicus*  
Becher

## **Dermaptera**

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### **Forficulidae**

*Forficula auricularia* L 1758

## **Dictyoptera**

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### **Blattellidae**

*Blattella germanica* (L. 1767)

## **Ephemeroptera**

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### **Leptophlebiidae**

*Leptophlebia vespertina* (L. 1758) 173



## Hemiptera

### Aphidoidea

*Sitobion calvulum* (Ossiannilsson 1958)

139 245 411 419 508 507

*Acyrtosiphon calvulum*  
Ossiannilsson 1958

*Acyrtosiphon svalbardicum* Heikinheimo 1968

139 150 156 294 295 296 297 298 299 300  
301 334 344 347 348 387 408 411 415 420  
421 454 509 514

*Cinara abieticola* (Cholodkovsky 1899)

105 139

?*Cinara piceae* (Panzer 1801)      ?*Dilachnus piceae* (nec Walker)

*Pemphigus groenlandicus* (Rübsamer 1898)

139 145

## Mallophaga

### Amblycera

*Ancistrona vagelli* (Fabricus 1787)

224



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Austromenopon brevifimbriatum</i> (Piaget 1880)	224			
<i>Austromenopon corporosum</i> (Kellogg and Kuwana 1901)	224			
<i>Austromenopon fuscofasciatum</i> (Piaget 1880)	126	224		
<i>Menopon fuscofasciatum</i> Piaget				
<i>Austromenopon lutescens</i> (Burmeister 1838)	110	126	224	319
<i>Menopon lutescens</i> Burmeister				
<i>Austromenopon merguli</i> Timmermann 1954	224			
<i>Austromenopon uriae</i> Timmermann 1954	224			
<i>Trinoton anserinum</i> (Fabricus 1805)	126	224	308	
<b>Ischnocera</b>				
<i>Anaticola anseris</i> (L.	126	224		





*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Anaticola rubrumaculatus</i> (Rudow 1869)	224	
<i>Carduceps zonarius</i> (Nitzsch 1866)	126	224
<i>Carduceps complexivus</i> (Kellogg and Chapman)		
<i>Cummingsiella aetherea klatti</i> (Timmermann 1954)	224	
<i>Cummingsiella hiaticulae</i> (Fabricus 1780)	124	224
<i>Chadraceps hiaticulae</i> (O. Fabr.) 1780		
<i>Cummingsiella normifer</i> (Grube 1851)	224	
<i>Cummingsiella obliqua aquilonis</i> Timmermann 1974	224	
<i>Cummingsiella ornatus</i> (Grube 1851)	224	
<i>Cummingsiella phalaropi</i> (Denny 1842)	224	



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Cummingsiella strepsilaris</i> (Denny 1842)	224				
<i>Gonoides lagopi</i> (L. 1758)	224				
<i>Lagopoecus affinis</i> (Children 1836)	126	224			
<i>Nirmus quadrulatus</i> Nitzsch					
<i>Lagopoecus cameratus</i> (Nitzsch and Lyonet)					
<i>Lunaceps neiris</i> Timmermann 1954	126	224	319		
? <i>Deegeriella actophilus</i> (Kellogg and Chapman 1899)					
<i>Lunaceps phaeopi</i> (Denny 1842)	126	224			
<i>Numenius phaeopus</i>					
<i>Ornithobius hexophtalmus</i> (Nitzsch 1871)	126	224			
<i>Perineus nigrolimbatus</i> (Giebel 1874)	110	126	124	224	319
<i>Esthiopterum nigrolimatium</i> (Giebel)					
<i>Lipeurus mutabilis</i> Piaget					



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Saemundssonina calva</i> (Kellogg 1896)	124	224		
<i>Saemundssonina cephalus</i> (Denny 1842)	126	224		
<i>Saemundssonina grylle</i> (Fabricus 1780)	126	224		
<i>Saemundssonina inexpectata</i> Timmermann 1951	224			
<i>Saemundssonina lari</i> (Fabricus 1780)	110	126	124	224
<i>Docophorus gonothorax</i> (Geibel)				
<i>Docophorus lari</i> Denny				
<i>Philopterus</i> sp.				
<i>Saemundssonina lockleyi</i> Clay 1949	126	224		
? <i>Saemundssonina sterna</i> (L.)				
<i>Saemundssonina merguli</i> (Denny 1842)	126	124	224	
<i>Saemundssonina occidentalis</i> (Kellogg 1896)	124	224		



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Saemundssonina scolopacisphaeopodis</i> (Schrank 1803)	126	224	
<i>Saemundssonina tringae tringae</i> (Fabricus 1780)	124	224	319
<i>Philopterus fusiformis</i> (Denny)			
<i>Saemundssonina tringae variabilis</i> (Denny 1842)			
<i>Saemundssonina tringae lobata</i> Martens 1974	224		

**Thysanoptera**

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**Thripidae**

<i>Aptinothrips rufus</i> Haliday 1836	410		
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## Crustacea

### Branchiopoda

#### Cladocera

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#### **Bosminidae**

*Bosmina longirostris* Müller 1785

*Eubosmina longispina* (Müller 1785)

*Bosmina longispina* Müller

*Bosmina obstusirostris* Sars

#### **Chydoridae**

*Acroperus harpae* (Baird 1835)

19 20 165 170 466

*Alona guttata* Sars 1862

165 173 466

*Chydorus sphaericus* (Müller 1785)

19 20 130 165 170 171 173 227 305 316  
318 319 466

#### **Daphniidae**



*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Daphnia pulex</i>		7	9	19	20	64	92	130	144	148	149
Species complex	<i>Daphnia middendorffiana</i>	165	170	171	173	191	195	196	202	218	225
<i>Daphnia pulicaria</i>	<i>Daphnia tenebrosa</i>	227	305	316	318	319	337	338	339	356	357
<i>Daphnia longiremis</i>	<i>Daphnia longispina</i>	395	390	391	401	402	403	404	406	435	466
<i>Daphnia (Hyalodaphnia) umbra</i>		491	512	527							

**Macrothricidae**

<i>Macrothrix hirsuticornis</i> Norman and Brady 1867		130	165	170	171	173	226	275	276	305	311
		319	466								

<i>Macrothrix hirsuticornis arctica</i> (Sars 1890)		20	19	227	318	319					
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*Macrothrix arctica* Sars

<i>Macrothrix</i> sp.		41									
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**Ctenopoda**

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**Sididae**

<i>Sida crystallina</i> (Müller 1776)		19	20	173							
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**Notostraca**

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*The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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**Triopsidae**

*Lepidurus arcticus* (Pallas 1793)

19	20	130	171	173	188	195	196	305	318
319	391	405	466	479	512	510			



## Copepoda

### Calanoida

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#### Centropagidae

*Limnocalanus macrurus* Sars 1863

173 311

#### Temoridae

*Eurytemora raboti* Richard 1897

9 130 171 305 318 319 527

### Cyclopoida

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#### Cyclopidae

*Acanthocyclops gigas* (Claus 1857)

19 20 197 319 305

*Megacyclops gigas* (Claus)

*Cyclops gigas* Claus

*Cyclops abyssorum* Sars 1863

9 19 20 103 130 173 195 197 318 319

*Cyclops strenuus* Fischer

*Cyclops strenuus medianus*

390 391 491

*Cyclops vicinus* Ulianine 1875

19 20 103 197 305 319 317





## *The Terrestrial and Freshwater Invertebrate Fauna of Svalbard:*

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<i>Diacyclops crassicaudis</i> (Sars 1863)	130	171	173	197	311	318
<i>Cyclops crassicaudis</i> Sars						

### **Harpacticoida**

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#### **Canthocamptidae**

<i>Maraenobiotus brucei</i> (Richard 1898)	311					
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#### **Harpacticidae**

<i>Harpacticus uniremis</i> Kröyer 1845	305	319				
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#### **Tachidiidae**

<i>Tachidius discipes</i> Giesbrecht 1882	305	315	318			
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*Tachidius brevicornis* Lilljeborg      ?*Tachidius spitsbergensis* Olofsson

### **Siphonostomatoida**

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#### **Lernaeopodidae**

<i>Salmincola edwardsii</i> Olsson 1869	184	277				
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*Salmincola carpionis* (Krøyer 1837) 396

## Malacostraca

### Amphipoda

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#### Gammaridae

*Gammaracanthus lacustris* (Sars 1867) 396

*Gammaracanthus loricatus* (Sars 1896) 135

### Mysidacea

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#### Mysidae

*Mysis relicta* Loven 1861 305 496

*Mysis oculata* (Fabricus) var. *relicta*



## Ostracoda

### Podocopida

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#### **Candonidae**

*Candona candida* Müller 1776

20 319

*Candona* sp.

? *Candona candida* Müller

*Eucandona rectangulata* (Alm 1914)

136 305 311 319 318

*Candona rectangulata* Alm

#### **Cyprididae**

*Cyclocypris ovum* (Jurine 1820)

319

*Eucypris arctica* Olofsson 1918

305 319

*Eucypris glacialis* (Sars 1890)

19 20 136 319 305 496

*Prionocypris glacialis* (Sars)



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<i>Heterocypris fretensis</i> (Brady and Robertson 1870)	136	
<i>Tonnacypris glacialis</i> (G.O.Sars, 1890)	524	
<b>Cytherideidae</b>		
<i>Cytherissa lacustris</i> (Sars 1863)	311	491
<b>Limnocytheridae</b>		
<i>Limnocythere inopinata</i> (Baird 1843)	136	



## To be classified

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	<b>Cestoda</b>	
	<i>Nadejdolepsis nitida</i>	506
	<i>Aploparakis leonovi</i>	506
	<i>Aploparakis crassipenis</i>	506
	<b>Nematoda</b>	
	<i>Capillaria</i> sp	506
	<i>Hysterothylacium aduncum</i> (Rudolphi, 1862)	506
	<i>Streptocara crassicauda</i> (Creplin, 1829)	506