

Supplementary Material 9. Krzysztof Zawierucha, Artur Trzebny, Dzmitry Lukashanets, Ronald Laniecki, Marija Kataržytė, Greta Kalvaitienė, Barbara Valle, Jakub Kowalik, Maria Stachowiak, Daniel Shain, Roberto Ambrosini, Gentile Francesco Ficetola, Masato Ono, Zofia Kujawa, Filip Marcinkowski, Róża Ulikowska, Kinga Skoczeń, Szymon Strapagiel, Paulina Orska, Klaudia Światała, Mikołaj Jastrzębski, Lenka Prochazkova, Daniel Remias, Franciszek Kornobis, Bogdan Gądek, Jakub Buda. "Snow microinvertebrates from lowlands, high mountains and the Arctic – implications for conservation efforts". Biodiversity and Conservation

Table 1. Tardigrada identified from snow samples by morphology. Tail, Pyr – Taillon Glacier, the Pyrenees, Oss, Pyr – Ossoue Glacier, the Pyrenees, Alps – Lang Glacier, the Alps, Tat – Tatra Mts., Lat – Latvia, Est – Estonia, Nor – Norway, Sval – Svalbard, central Spitsbergen. Numbers in the columns indicate specimens identified by a morphological approach. + indicates that animals were reported, but no all were counted and mounted on slides.

Taxon name	Tail, Pyr	Oss, Pyr	Alps	Tat	Lat	Est	Nor	Sval	Alaska
<i>Grevenius</i> sp.	1	-	-	-	-	-	-	-	-
<i>Hypsibius convergens/pallidus</i> group*	-	2	-	+	21	-	-	-	-
<i>Ramazzottius</i> sp.	-	1	-	+	-	1	-	-	-
Hypsibioidea: Pyrenees cryoconite sp.	5	+	-	-	-	-	-	-	-
Hypsibioidea: snow sp.	+	-	-	+	-	-	-	-	-
Hypsibioidea: Tatra snow sp.	-	-	-	+	-	-	-	-	-
Dark tardigrade , Gulkana glacier, Alaska	-	-	-	-	-	-	-	-	+
<i>Cryobiotus klebelsbergi</i>	-	-	1	-	-	-	-	-	-
<i>Macrobiotus hufelandi</i> group	-	-	-	-	-	1	4	-	-
<i>Isohypsibius</i> sp.	-	-	-	-	1	-	-	-	-
<i>Milnesium</i> sp.	-	-	-	-	2	-	-	-	-
<i>Fontourion glaciale</i>	-	-	-	+	-	-	-	1	-
Heterotardigrada: <i>Claxtonia</i> sp.	-	-	-	+	-	-	-	-	-

Table 2. Rotifera identified from snow samples by morphology. Tail, Pyr – Taillon Glacier, the Pyrenees, Oss, Pyr – Ossoue Glacier, the Pyrenees, Tat – Tatra Mts., Lat – Latvia, Est – Estonia. Numbers in the columns indicate specimens identified by a morphological approach. + indicates that animals were reported, but no all were counted and mounted on slides.

Taxon name	Tail, Pyr	Oss, Pyr	Tat	Lat	Est
<i>Philodinidae</i> sp.	-	-	-	-	348
<i>Philodina</i> sp.	-	-	+	-	-
<i>Habrotricha</i>	-	-	+	-	-
<i>Adineta vaga</i>	-	-	-	-	6
<i>Macrotrachela</i> sp.	-	-	-	-	24
<i>Macrotrachela punctata</i>	-	-	-	-	18
<i>Mniobia magna</i>	-	-	-	-	298
<i>Bdelloidea</i> sp.	-	-	-	32	-
<i>Macrotrachela papillosa</i>	-	-	-	38	-
<i>Adineta steineri</i>	-	-	-	8	-

Table 3. List of Acari taxonomic groups identified by morphology with the numbers of individuals in specific locations. + indicates that animals were reported, but no all were counted and mounted on slides.

Taxon name	Glacier du Taillon, Pyrenees	Glacier du Ossoue, Pyrenees	Tatra Mts.	Baltic States (Estonia)	Norway
Sitoptidae	1	-	-	-	-
<i>Nanorchestes</i> cf. <i>antarcticus</i>	1	-	-	-	-
Astigmatina	1	-	-	-	1
Mesostigmata	1	-	+	1	3
<i>Sitoptes</i> sp.	1	-	-	-	-
<i>Camisia</i> (<i>Camisia</i>) <i>biurus</i>	1	-	-	-	-
Oribatida	-	4	-	-	-
Tetranychidae:	-	1	-	-	-
Bryobiinae	-	-	-	-	-
Oribatida: Brachypylina	-	-	+	2	15
Oribatida: Crotonioidea	-	-	+	-	-
Mesostigmata:	-	-	-	-	1
Veigaiidae	-	-	-	-	-

Table 4. List of Collembola identified by morphology. + indicates that animals were reported, but not all were counted and mounted on slides.

Taxon name	Glacier du Ossoue, Pyrenees	Lang Glacier, Alps	Tatra Mts.
<i>Pseudisotoma monochaeta</i>	+		
Isotomidae	+		
<i>Vertagopus cf. glacialis</i>		+	
<i>Desoria pseudomaritima</i>			+