

Stormer, H.G., Pike, E.M., Sperling, F.A.H., Proctor, H.C. 2025. Distribution and diversity of terrestrial isopods (Isopoda: Oniscidea) in Canada, including new records and a species checklist. The Canadian Entomologist.

Supplementary material, Table S1

Supplementary material, Table S1. List of terrestrial isopod specimens for which *COI* and/or partial 18S sequences were obtained in this study. All resulted from bidirectional sequencing except *Porcellionides pruinosus*, which is a consensus from two separate forward reads. Residual tissues (when available) and/or conspecifics from the same collection site are deposited in the E.H. Strickland Entomological Museum collections (University of Alberta) under the accession numbers listed in the table. Body length was measured from the median lobe of the head to the tip of the telson. When an ethanol-preserved rather than a live specimen was measured, approximately 1 mm was subtracted from the body length and the resulting measurement given is a minimum length, as ethanol preservation was observed to expand the body length.

SPECIES	FAMILY	SEQUENCE TYPE(S)	LENGTH (mm) / SEX	COLLECTION LOCALITY	RESEARCH ID	GENBANK ACCESSION NUMBER(S)	STRICKLAND ACCESSION NUMBER
<i>Armadillidium nasatum</i>	Armadillidiidae	COI	11, M	Canada: Alberta: Edmonton (University of Alberta Botanic Gardens, warm temperate greenhouse)	059AAG	PP995851	UASM407051
							Conspecific: UASM407052
							UASM407049
<i>Armadillidium nasatum</i>	Armadillidiidae	COI	10, F	Canada: Alberta: Westeros (greenhouse)	079AAA	PP995852	UASM407086
<i>Armadillidium nasatum</i>	Armadillidiidae	COI	9.5, M	Canada: Alberta: Edmonton (greenhouse in NE Edmonton)	086AAF	PP995853	UASM407108
<i>Armadillidium vulgare</i>	Armadillidiidae	COI	8, F	Canada: British Columbia: Parksville (wooded area)	057AAH	PP995854	UASM407038
<i>Armadillidium vulgare</i>	Armadillidiidae	COI	12.5, M	Canada: Alberta: Coaldale (urban yard)	104AAV	PP995855	UASM407143
							UASM407221
<i>Armadillidium vulgare</i>	Armadillidiidae	COI	>8, F	Canada: Alberta: Lethbridge (urban yard)	105b-1	PP995856	Conspecific: UASM407365
							UASM407367
<i>Armadillidium vulgare</i>	Armadillidiidae	COI	>10, F	Canada: Alberta: Drumheller (greenhouse)	199AAB	PP995857	UASM407286
							UASM407289
<i>Cylisticus convexus</i>	Cylisticidae	COI	11, M	Canada: Alberta: Sherwood Park (greenhouse)	047AAG	PP995858	Conspecific: UASM407018
							UASM407019
							UASM407020
							UASM407021
							UASM407097
<i>Cylisticus convexus</i>	Cylisticidae	COI	10, M	Canada: Alberta: Spruce Grove (greenhouse)	082AAA	PP995859	Conspecific: UASM407098
							UASM407186
<i>Cylisticus convexus</i>	Cylisticidae	COI	9, M	Canada: Alberta: Edmonton (University of Alberta Biological Sciences greenhouse)	1331C3	PP995860	Conspecific: UASM407185
<i>Cylisticus convexus</i>	Cylisticidae	COI	>8, F	Canada: Alberta: Calgary (Edgemont)	150-1	PP995861	UASM407242
<i>Cylisticus convexus</i>	Cylisticidae	COI	10, M	Canada: Ontario: Port Hope (urban yard)	184B2	PP995862	UASM407258

							UASM407258
<i>Cylisticus convexus</i>	Cylisticidae	COI	10, M	Canada: Ontario: Port Hope (urban yard)	184B2	PP995862	Conspecifics: UASM407257 UASM407259 UASM407265
<i>Hyloniscus riparius</i>	Trichoniscidae	COI	4, F	Canada: Ontario: Port Hope (wooded trail)	185A1	PP995863	Conspecific: UASM407266
<i>Nagurus cristatus</i>	Trachelipodidae	COI (?), 18S	4, F	Canada: Alberta: Edmonton (University of Alberta Biological Sciences greenhouse)	046005	PP995864 (COI) PQ001582 (partial 18S)	No residual tissue Conspecifics: UASM407002 UASM407003 UASM407004 UASM407005
<i>Nagurus cristatus</i>	Trachelipodidae	COI (?), 18S	4, F	Canada: Alberta: Edmonton (University of Alberta Biological Sciences greenhouse)	046004	PP995865 (COI) PQ001581 (partial 18S)	UASM407005 Conspecifics: UASM407002 UASM407003 UASM407004
<i>Nagurus cristatus</i>	Trachelipodidae	COI (?), 18S	4, F	Canada: Alberta: Edmonton (University of Alberta Biological Sciences greenhouse)	046008	PP995867 (COI) PQ001583 (partial 18S)	No residual tissue Conspecifics: UASM407002 UASM407003 UASM407004 UASM407005 UASM407290
<i>Oniscus asellus</i>	Oniscidae	COI	10.5, M	Canada: British Columbia: Prince George (Kiwamis Park)	063AAC	PP995868	Conspecifics: UASM407063 UASM407064 UASM407292
<i>Oniscus asellus</i>	Oniscidae	COI	12, M	Canada: British Columbia: Vancouver (Stanley Park)	1082A3	PP995866	Conspecifics: UASM407362 UASM407144 UASM407363 UASM407145 UASM407364
<i>Philoscia muscorum</i>	Philosciidae	COI	Not recorded, F	Canada: British Columbia: Vancouver Island (Qualicum Beach, yard)	007AAD	PP995869	No residual tissue No conspecifics UASM407252
<i>Philoscia muscorum</i>	Philosciidae	COI	9.5, F	Canada: British Columbia: Parksville (urban yard)	183B4	PP995870	Conspecific: UASM407284 UASM407261
<i>Philoscia muscorum</i>	Philosciidae	COI	7, M	Canada: Ontario: Port Hope (wooded trail)	185C1B	PP995871	Conspecifics: UASM407260 UASM407262 UASM407263
<i>Porcellionides pruinosus</i>	Porcellionidae	COI	>7, M	Canada: Alberta: Drumheller	155001	PP995872	UASM407211 UASM407281
<i>Porcellio dilatatus</i>	Porcellionidae	COI	14, F	Canada: Alberta: St. Albert (greenhouse)	049ABB	PP995873	Conspecifics: UASM407010 UASM407011 UASM407012 UASM407013 UASM407293
<i>Porcellio scaber</i>	Porcellionidae	COI	7.5, M	Canada: Alberta: Edmonton (University of Alberta Botanic Gardens, warm temperate greenhouse)	059AAE	PP995874	Conspecifics: UASM407045 UASM407046 UASM407047 UASM407048
<i>Porcellio scaber</i>	Porcellionidae	COI	12, M	Canada: Alberta: Edmonton (University of Alberta north campus)	065AAD	PP995875	UASM407294
<i>Porcellio scaber</i>	Porcellionidae	COI	9.5, F	Canada: Alberta: Edmonton (greenhouse in SE Edmonton)	074AAF	PP995876	UASM407094
<i>Porcellio scaber</i>	Porcellionidae	COI	12, F	Canada: British Columbia: Prince George (urban yard)	080AAA	PP995877	UASM407081
<i>Porcellio scaber</i>	Porcellionidae	COI	12, M	Canada: British Columbia: Bamfield (yard)	106AAA	PP995878	UASM407151 Conspecifics: UASM407152 UASM407295
<i>Porcellio scaber</i>	Porcellionidae	COI	10, M	Canada: British Columbia: Vancouver (Stanley Park)	1084B4	PP995879	Conspecifics: UASM407147 UASM407146
<i>Porcellio scaber</i>	Porcellionidae	COI	9, F	Canada: Alberta: Drumheller (greenhouse)	199AAA	PP995880	UASM407285 UASM407075
<i>Porcellio spinicornis</i>	Porcellionidae	COI	10, F	Canada: Alberta: Edmonton (greenhouse in NE Edmonton)	070AAA	PP995881	Conspecifics: UASM407329

							UASM407330
							UASM407296
<i>Porcellio spinicornis</i>	Porcellionidae	COI	8, F	Canada: Alberta: Coaldale (urban yard)	104AAH	PP995882	Conspecific: UASM407138 UASM407139 UASM407356
<i>Porcellio spinicornis</i>	Porcellionidae	COI	>9, F	Canada: Alberta: Calgary (Haysboro)	149-1	PP995883	UASM407200
							UASM407253
<i>Porcellio spinicornis</i>	Porcellionidae	COI	10.5, M	Canada: Ontario: Port Hope (urban yard)	184A1	PP995884	Conspecific: UASM407254 UASM407255 UASM407256
<i>Porcellio spinicornis</i>	Porcellionidae	COI	7, M	Canada: Ontario: Port Hope (wooded trail)	185C1A	PP995885	UASM407264
<i>Porcellio spinicornis</i>	Porcellionidae	COI	>12, F	Canada: Saskatchewan: Regina (in house in urban area)	191-1	PP995886	UASM407276
							UASM407084
<i>Trachelipus rathkii</i>	Trachelipodidae	COI	9, M	Canada: Alberta: Westeros (greenhouse)	079AAD	PP995887	Conspecific: UASM407083 UASM407085
							UASM407089
<i>Trachelipus rathkii</i>	Trachelipodidae	COI	9.5, M	Canada: British Columbia: Prince George (Kiwanis Park)	081AAD	PP995888	Conspecific: UASM407087 UASM407088
							UASM407099
<i>Trachelipus rathkii</i>	Trachelipodidae	COI	9, M	Canada: Alberta: Spruce Grove (greenhouse)	082AAD	PP995889	Conspecific: UASM407100
							UASM407141
<i>Trachelipus rathkii</i>	Trachelipodidae	COI	9.5, M	Canada: Alberta: Coaldale (urban yard)	104AAP	PP995890	Conspecific: UASM407142
							UASM407222
<i>Trachelipus rathkii</i>	Trachelipodidae	COI	>10, M	Canada: Alberta: Calgary (North Glenmore)	148-A	PP995891	Conspecific: UASM407369 (includes multiple individuals)
							UASM407268
<i>Trachelipus rathkii</i>	Trachelipodidae	COI	4, F	Canada: Ontario: Port Hope (wooded trail)	185A4	PP995892	Conspecific: UASM407269
							UASM407269
<i>Trachelipus rathkii</i>	Trachelipodidae	COI	7.5, F	Canada: Ontario: Port Hope (wooded trail)	185B1	PP995893	Conspecific: UASM407268
							UASM407267
<i>Trichoniscus pusillus</i>	Trichoniscidae	COI	3, F	Canada: Ontario: Port Hope (wooded trail)	185A3	PP995894	Conspecific: UASM407270