

Hydroclimate Changes Based on Testate Amoebae in the Greater Khingan Mountains' Peatland (NE China) during the Last Millennium

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Table S1. 60 samples from the HT profile.

Genus	Species	1	2	3	4	5	6	7	8	9	10
<i>Arcella</i>	<i>A.catinus</i>	0.00%	0.00%	0.77%	1.40%	0.00%	0.00%	1.23%	3.97%	1.16%	2.89%
	<i>A.vulgaris</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.58%	0.00%
<i>Archerella</i>	<i>A.flavum</i>	0.00%	0.00%	0.77%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Argygnia</i>	<i>A.dentistoma</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Assulina</i>	<i>A.muscorum</i>	38.42%	11.17%	13.08%	9.09%	2.87%	5.92%	15.43%	6.62%	7.56%	21.97%
	<i>A.seminulum</i>	0.56%	0.00%	0.77%	0.00%	3.45%	1.78%	1.85%	1.99%	4.07%	2.89%
<i>Alabasta</i>	<i>A.militaris</i>	2.26%	31.38%	3.08%	20.28%	40.80%	15.98%	21.60%	19.87%	18.60%	12.72%
<i>Centropyxis</i>	<i>C.aculeata type</i>	0.00%	0.00%	1.54%	0.70%	0.00%	0.00%	0.62%	0.00%	0.00%	0.58%
	<i>C.aerophilatype</i>	10.17%	1.60%	25.38%	6.29%	3.45%	2.96%	1.85%	7.95%	1.74%	1.73%
	<i>C.platystomatype</i>	18.64%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Cyclopyxis</i>	<i>C.arcelloides</i>	0.00%	0.53%	1.54%	3.50%	0.00%	0.00%	0.62%	0.00%	1.74%	0.00%
	<i>C.Kahli</i>	0.00%	0.53%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Corythion</i>	<i>C.dubium</i>	0.56%	5.85%	7.69%	4.90%	0.57%	0.59%	0.00%	0.00%	4.07%	0.00%
<i>Diffugia</i>	<i>D.acuminata type</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>D.lucida</i>	0.00%	0.00%	0.00%	1.40%	0.00%	0.00%	7.41%	5.30%	8.14%	4.62%
	<i>D.type A</i>	0.00%	0.00%	0.00%	0.70%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Euglypha</i>	<i>E.cristata</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.62%	0.00%	0.00%	0.00%
	<i>E.rotunda</i>	20.34%	17.55%	3.85%	6.29%	4.02%	3.55%	2.47%	2.65%	4.07%	5.78%
	<i>E.strigosa</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.99%	0.00%	0.00%
	<i>E.tuberculata</i>	2.26%	0.53%	4.62%	0.70%	2.87%	4.73%	4.32%	0.00%	2.33%	4.05%
	<i>E.dentata</i>	1.13%	1.60%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>H.petricola/sphagni</i>	0.00%	1.06%	0.77%	1.40%	4.60%	5.92%	0.62%	0.00%	0.58%	2.89%
<i>Heleopera</i>	<i>H.rosea</i>	0.00%	0.00%	1.54%	0.70%	1.15%	0.59%	0.62%	1.99%	0.00%	0.58%
	<i>H.sylvatica</i>	0.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>H.elegans</i>	0.00%	0.00%	0.00%	3.50%	1.15%	17.75%	6.79%	4.64%	11.63%	3.47%
<i>Hyalosphenia</i>	<i>H.minuta</i>	0.00%	0.00%	0.00%	0.70%	0.00%	0.00%	0.62%	0.66%	0.00%	0.00%
	<i>H.papilio</i>	0.00%	0.00%	6.15%	1.40%	0.00%	1.18%	6.79%	5.96%	4.07%	6.36%
	<i>H.spp</i>	0.00%	0.00%	3.85%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>N.collaris</i>	0.00%	0.00%	1.54%	0.00%	0.00%	0.00%	0.62%	0.00%	0.00%	0.00%
<i>Nebela</i>	<i>N.lageniformis</i>	0.00%	0.00%	2.31%	0.00%	0.00%	0.00%	0.00%	1.99%	0.00%	0.00%
	<i>N.penardiana</i>	0.00%	0.00%	0.00%	2.10%	0.00%	0.59%	0.62%	0.00%	0.00%	0.00%
	<i>N.tincta</i>	0.56%	5.85%	7.69%	13.29%	9.20%	8.28%	6.79%	11.26%	5.81%	6.36%
	<i>N.tubulosa</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Lesquereusia</i>	<i>L.modesta</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Phryganella</i>	<i>P.acropodia</i>	1.69%	13.83%	4.62%	11.19%	13.22%	10.65%	9.88%	11.92%	11.63%	6.36%
<i>Physochila</i>	<i>P.griseola</i>	0.00%	0.00%	0.00%	0.00%	0.00%	1.78%	0.00%	0.00%	0.00%	0.00%
<i>Trigonopyxis</i>	<i>T.arcula</i>	0.00%	0.53%	0.00%	4.90%	2.30%	2.37%	0.00%	0.00%	2.33%	2.31%
<i>Trinema</i>	<i>T.complanatum</i>	1.69%	5.32%	0.00%	3.50%	6.90%	9.47%	4.94%	2.65%	3.49%	6.36%
	<i>T.enchelys</i>	0.00%	1.60%	7.69%	0.00%	2.87%	3.55%	3.70%	5.96%	6.40%	2.31%
	<i>T.lineare</i>	1.13%	1.06%	0.00%	0.00%	0.00%	0.00%	0.00%	1.99%	0.00%	3.47%

Genus	Species	11	12	13	14	15	16	17	18	19	20
Arcella	<i>A.catinus</i>	0.98%	3.05%	1.18%	0.00%	0.00%	0.67%	0.00%	1.14%	0.00%	3.28%
	<i>A.vulgaris</i>	0.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.55%
Archerella	<i>A.flavum</i>	0.49%	0.61%	0.59%	0.00%	1.18%	0.67%	0.55%	0.57%	0.00%	0.00%
Argynnina	<i>A.dentistoma</i>	0.00%	0.00%	0.00%	0.00%	0.00%	3.33%	0.00%	0.00%	0.00%	1.64%
Assulina	<i>A.muscorum</i>	12.75%	12.80%	11.83%	7.30%	5.29%	8.67%	4.92%	6.86%	13.75%	16.39%
	<i>A.seminulum</i>	0.98%	3.66%	1.78%	1.12%	1.76%	0.67%	2.73%	3.43%	5.00%	0.55%
Alabasta	<i>A.militaris</i>	4.90%	2.44%	4.73%	1.69%	1.18%	7.33%	2.19%	3.43%	4.38%	3.28%
Centropyxis	<i>C.aculeata type</i>	0.00%	0.00%	1.18%	0.56%	1.18%	2.00%	1.64%	0.57%	1.25%	0.00%
	<i>C.aerophilatype</i>	3.92%	6.71%	1.18%	3.37%	7.06%	2.67%	7.65%	6.29%	3.75%	6.01%
	<i>C.platystomatatype</i>	3.92%	4.27%	2.96%	7.87%	16.47%	11.33%	14.21%	13.71%	10.63%	1.64%
Cyclopyxis	<i>C.arcelloides</i>	1.96%	0.00%	1.18%	0.00%	2.94%	1.33%	2.73%	0.57%	1.88%	3.83%
	<i>C.Kahli</i>	0.00%	0.00%	0.00%	0.00%	0.00%	2.00%	0.00%	0.00%	0.00%	0.00%
Corythion	<i>C.dubium</i>	0.49%	1.22%	2.37%	0.00%	0.59%	0.67%	3.28%	1.14%	0.00%	0.00%
Diffflugia	<i>D.acuminata type</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.55%	1.14%	1.25%	0.00%
	<i>D.lucida</i>	7.84%	7.93%	7.69%	9.55%	7.06%	9.33%	13.11%	13.71%	7.50%	6.01%
	<i>D.type A</i>	0.00%	1.83%	0.00%	0.56%	0.59%	1.33%	0.55%	1.14%	0.63%	0.00%
Euglypha	<i>E.cristata</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>E.rotunda</i>	7.84%	4.88%	2.96%	11.80%	2.94%	4.00%	6.01%	0.00%	3.75%	2.19%
	<i>E.strigosa</i>	0.00%	0.61%	0.59%	0.56%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>E.tuberculata</i>	4.90%	0.00%	1.78%	1.69%	1.18%	0.67%	1.09%	1.71%	6.25%	6.56%
	<i>E.dentata</i>	0.00%	0.00%	0.00%	2.25%	2.94%	0.00%	1.09%	0.00%	0.00%	1.09%
Heleopera	<i>H.petricola/sphagni</i>	1.47%	1.22%	3.55%	4.49%	2.35%	0.67%	1.64%	1.71%	3.13%	6.56%
	<i>H.rosea</i>	1.47%	0.00%	0.59%	0.00%	1.18%	0.00%	0.55%	0.57%	0.63%	0.55%
	<i>H.sylvatica</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.67%	0.00%	0.00%	0.00%	1.09%
Hyalosphenia	<i>H.elegans</i>	5.88%	2.44%	6.51%	2.25%	2.94%	1.33%	1.64%	0.57%	1.25%	1.64%
	<i>H.minuta</i>	0.00%	0.00%	0.59%	1.69%	2.94%	2.00%	0.00%	0.00%	0.00%	0.55%
	<i>H.papilio</i>	15.20%	10.98%	7.69%	7.30%	7.06%	6.67%	3.83%	9.14%	3.13%	4.92%
	<i>H.spp</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Nebela	<i>N.collaris</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.63%	0.55%
	<i>N.lageniformis</i>	2.94%	1.22%	2.96%	2.81%	0.59%	0.00%	3.28%	4.00%	6.25%	3.83%
	<i>N.penardiana</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>N.tincta</i>	9.31%	8.54%	10.65%	3.93%	5.88%	8.67%	3.28%	4.57%	7.50%	13.11%
	<i>N.tubulosa</i>	0.49%	0.00%	0.00%	0.00%	0.00%	0.00%	0.55%	0.00%	0.00%	2.19%
Lesquereusia	<i>L.modesta</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Phryganella	<i>P.acropodia</i>	3.92%	9.15%	7.10%	14.04%	20.00%	18.00%	11.48%	15.43%	11.88%	2.73%
Physochila	<i>P.griseola</i>	0.00%	0.00%	0.59%	0.00%	0.00%	0.67%	0.00%	0.00%	0.00%	0.00%
Trigonopyxis	<i>T.arcula</i>	0.49%	0.61%	0.00%	1.12%	0.59%	2.67%	1.09%	3.43%	1.25%	4.37%
Trinema	<i>T.complanatum</i>	2.45%	9.15%	6.51%	5.62%	1.76%	0.00%	3.83%	0.57%	0.63%	1.64%
	<i>T.enchelys</i>	2.45%	6.10%	7.10%	5.06%	1.76%	1.33%	2.73%	3.43%	2.50%	2.73%
	<i>T.lineare</i>	1.96%	0.61%	2.96%	1.69%	0.59%	0.00%	2.73%	0.57%	0.63%	0.00%

Genus	Species	21	22	23	24	25	26	27	28	29	30
Arcella	<i>A.catinus</i>	1.55%	0.00%	0.00%	0.00%	1.88%	0.49%	0.00%	0.00%	0.00%	0.47%
	<i>A.vulgaris</i>	1.04%	0.00%	0.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.98%	0.95%
Archerella	<i>A.flavum</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.55%	0.00%	0.00%
Argynnina	<i>A.dentistoma</i>	2.59%	0.00%	0.58%	2.91%	5.63%	0.97%	1.53%	4.42%	3.41%	2.84%
Assulina	<i>A.muscorum</i>	10.36%	2.02%	10.53%	13.37%	13.13%	9.71%	17.86%	12.15%	11.71%	13.74%
	<i>A.seminulum</i>	0.00%	0.00%	0.00%	0.00%	1.88%	1.46%	2.04%	0.55%	1.46%	2.37%
Alabasta	<i>A.militaris</i>	5.18%	2.02%	1.17%	3.49%	1.25%	5.34%	2.04%	6.08%	2.44%	8.06%
Centropyxis	<i>C.aculeata type</i>	2.07%	4.04%	2.34%	2.91%	2.50%	2.91%	6.63%	0.55%	4.88%	1.90%
	<i>C.aerophilatype</i>	4.15%	7.07%	6.43%	6.40%	8.75%	8.74%	5.61%	2.21%	6.34%	3.32%
	<i>C.platystomatatype</i>	5.70%	10.10%	5.85%	6.98%	11.25%	7.28%	3.06%	1.10%	6.83%	0.95%
Cyclopyxis	<i>C.arcelloides</i>	2.07%	2.02%	1.75%	0.00%	1.88%	0.97%	1.02%	6.08%	0.98%	2.37%

	<i>C.Kahli</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Corythion</i>	<i>C.dubium</i>	2.07%	0.00%	1.17%	1.16%	0.63%	0.49%	2.04%	2.21%	1.46%	0.95%
<i>Diffflugia</i>	<i>D.acuminata type</i>	0.00%	0.00%	0.00%	0.58%	0.00%	0.00%	0.00%	0.00%	0.98%	1.90%
	<i>D.lucida</i>	0.00%	8.08%	13.45%	13.95%	4.38%	7.28%	3.57%	2.76%	6.83%	2.37%
	<i>D.type A</i>	3.63%	2.02%	1.17%	1.74%	1.25%	0.00%	0.51%	0.00%	5.85%	0.47%
<i>Euglypha</i>	<i>E.cristata</i>	0.00%	0.00%	1.17%	1.74%	1.25%	0.00%	1.02%	0.00%	0.00%	0.00%
	<i>E.rotunda</i>	5.70%	4.04%	15.79%	0.00%	5.00%	1.46%	3.06%	1.66%	8.29%	0.95%
	<i>E.strigosa</i>	0.00%	0.00%	0.58%	0.00%	0.00%	0.00%	0.51%	0.00%	0.00%	0.47%
	<i>E.tuberculata</i>	4.66%	7.07%	3.51%	0.00%	3.75%	2.43%	3.57%	5.52%	5.85%	5.69%
	<i>E.dentata</i>	1.55%	4.04%	1.17%	1.74%	3.13%	0.00%	0.51%	0.00%	0.00%	0.00%
<i>Heleopera</i>	<i>H.petricola/sphagni</i>	6.22%	1.01%	2.92%	2.91%	3.75%	3.40%	3.06%	5.52%	2.44%	5.69%
	<i>H.rosea</i>	0.00%	1.01%	0.58%	2.91%	1.25%	1.46%	0.00%	0.00%	0.00%	0.47%
	<i>H.sylvatica</i>	0.00%	2.02%	0.00%	0.58%	0.00%	1.46%	0.51%	1.10%	0.00%	0.47%
<i>Hyalosphenia</i>	<i>H.elegans</i>	3.11%	0.00%	2.92%	2.91%	1.25%	4.37%	2.55%	3.87%	2.93%	3.79%
	<i>H.minuta</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.49%	0.00%	0.00%	0.00%	0.00%
	<i>H.papilio</i>	4.15%	10.10%	2.92%	2.33%	3.75%	11.17%	18.88%	20.99%	8.29%	13.27%
	<i>H.spp</i>	2.07%	0.00%	0.58%	0.00%	0.63%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Nebela</i>	<i>N.collaris</i>	0.00%	0.00%	1.75%	0.00%	0.00%	0.49%	0.00%	0.00%	0.49%	0.00%
	<i>N.lageniformis</i>	6.74%	0.00%	2.92%	0.00%	1.88%	0.97%	1.53%	0.55%	3.90%	2.37%
	<i>N.penardiana</i>	0.00%	0.00%	1.17%	1.16%	0.00%	0.00%	0.00%	0.55%	0.00%	0.00%
	<i>N.tincta</i>	6.74%	10.10%	1.17%	6.98%	4.38%	13.11%	11.73%	14.36%	5.85%	18.48%
	<i>N.tubulosa</i>	0.00%	8.08%	2.34%	1.16%	0.00%	0.49%	0.00%	0.55%	0.98%	0.00%
<i>Lesquereusia</i>	<i>L.modesta</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Phryganella</i>	<i>P.acropodia</i>	10.88%	12.12%	9.94%	11.63%	10.00%	6.80%	4.08%	2.76%	5.37%	1.42%
<i>Physochila</i>	<i>P.griseola</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Trigonopyxis</i>	<i>T.arcula</i>	0.00%	0.00%	1.17%	0.58%	1.88%	4.85%	0.00%	0.55%	0.00%	1.42%
<i>Trinema</i>	<i>T.complanatum</i>	0.00%	0.00%	0.00%	1.74%	0.00%	0.00%	0.00%	0.00%	0.00%	0.47%
	<i>T.enchelys</i>	4.66%	0.00%	0.58%	1.74%	0.63%	0.49%	1.02%	1.10%	0.00%	0.95%
	<i>T.lineare</i>	0.00%	1.01%	1.17%	2.33%	0.63%	0.00%	1.53%	1.66%	0.98%	0.47%

Genus	Species	31	32	33	34	35	36	37	38	39	40
<i>Arcella</i>	<i>A.catinus</i>	2.29%	1.65%	0.00%	1.72%	1.05%	2.39%	1.16%	2.82%	2.48%	1.36%
	<i>A.vulgaris</i>	0.00%	0.00%	0.00%	1.15%	2.11%	1.44%	1.16%	0.56%	0.00%	0.00%
<i>Archerella</i>	<i>A.flavum</i>	0.00%	0.00%	0.58%	0.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Argynnia</i>	<i>A.dentistoma</i>	2.86%	3.30%	1.16%	3.45%	5.79%	2.39%	4.62%	3.39%	3.11%	5.91%
<i>Assulina</i>	<i>A.muscorum</i>	10.86%	4.40%	5.81%	8.62%	10.53%	18.66%	6.36%	12.43%	11.18%	17.27%
	<i>A.seminulum</i>	1.14%	4.40%	0.00%	1.72%	2.11%	2.39%	0.00%	3.95%	0.62%	1.82%
<i>Alabasta</i>	<i>A.militaris</i>	5.71%	3.30%	0.58%	4.02%	2.11%	2.87%	0.58%	5.08%	3.11%	0.91%
<i>Centropyxis</i>	<i>C.aculeata type</i>	2.86%	3.30%	5.81%	7.47%	2.63%	3.83%	2.89%	1.13%	0.62%	0.91%
	<i>C.aerophilatype</i>	2.86%	7.69%	13.95%	8.62%	1.58%	1.91%	5.78%	0.56%	5.59%	1.82%
	<i>C.platystomatatype</i>	1.71%	4.95%	28.49%	5.17%	3.68%	1.44%	7.51%	2.26%	1.24%	2.27%
<i>Cyclopyxis</i>	<i>C.arcelloides</i>	0.00%	3.30%	0.00%	2.30%	5.26%	5.26%	9.83%	4.52%	1.86%	1.82%
	<i>C.Kahli</i>	0.00%	0.55%	0.00%	0.00%	0.00%	0.00%	2.89%	0.00%	0.00%	0.00%
<i>Corythion</i>	<i>C.dubium</i>	2.29%	2.20%	1.16%	1.15%	1.05%	1.44%	1.73%	1.13%	2.48%	0.00%
<i>Diffflugia</i>	<i>D.acuminata type</i>	0.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>D.lucida</i>	3.43%	5.49%	12.79%	4.60%	2.63%	1.91%	1.16%	1.69%	6.21%	1.36%
	<i>D.type A</i>	1.71%	0.00%	0.00%	0.57%	2.63%	0.00%	0.00%	0.56%	0.00%	0.00%
<i>Euglypha</i>	<i>E.cristata</i>	0.57%	2.20%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>E.rotunda</i>	5.14%	2.75%	6.98%	0.00%	1.58%	0.00%	1.16%	1.13%	1.24%	1.82%
	<i>E.strigosa</i>	0.00%	0.00%	0.00%	0.00%	0.53%	0.96%	0.00%	0.00%	0.00%	0.00%
	<i>E.tuberculata</i>	7.43%	0.55%	2.33%	4.60%	4.21%	5.74%	7.51%	13.56%	3.73%	7.73%
	<i>E.dentata</i>	0.00%	1.10%	2.33%	2.30%	0.00%	0.00%	0.58%	0.56%	2.48%	0.91%
<i>Heleopera</i>	<i>H.petricola/sphagni</i>	3.43%	0.00%	1.74%	0.00%	4.74%	2.87%	6.36%	1.13%	3.11%	5.00%
	<i>H.rosea</i>	1.14%	2.20%	0.00%	2.30%	0.00%	2.39%	2.89%	0.56%	4.97%	1.82%

	<i>H.sylvatica</i>	1.71%	0.00%	0.00%	0.57%	0.53%	0.48%	1.73%	1.69%	1.86%	0.91%
<i>Hyalosphenia</i>	<i>H.elegans</i>	8.57%	2.20%	1.74%	4.02%	3.16%	4.31%	0.58%	3.39%	3.11%	3.18%
	<i>H.minuta</i>	0.57%	0.55%	0.00%	1.15%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>H.papilio</i>	14.86%	10.44%	3.49%	13.79%	20.53%	21.05%	17.92%	20.90%	21.12%	18.64%
	<i>H.spp</i>	0.57%	0.00%	2.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>N.collaris</i>	2.86%	0.00%	0.00%	0.00%	0.00%	0.48%	0.00%	0.00%	0.00%	1.36%
<i>Nebela</i>	<i>N.lageniformis</i>	4.00%	2.20%	0.58%	1.15%	4.21%	0.48%	1.73%	1.13%	1.24%	0.45%
	<i>N.penardiana</i>	1.14%	0.55%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>N.tincta</i>	3.43%	20.88%	0.58%	10.92%	8.95%	10.05%	10.40%	11.30%	11.18%	20.00%
	<i>N.tubulosa</i>	0.00%	3.30%	0.00%	0.00%	1.58%	0.96%	0.00%	0.00%	0.00%	0.45%
<i>Lesquereusia</i>	<i>L.modesta</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Phryganella</i>	<i>P.acropodia</i>	0.57%	3.85%	2.91%	5.17%	3.16%	1.44%	0.58%	1.13%	3.11%	0.91%
<i>Physochila</i>	<i>P.griseola</i>	2.29%	0.00%	0.58%	0.57%	0.53%	0.00%	0.00%	0.00%	1.24%	0.00%
<i>Trigonopyxis</i>	<i>T.arcula</i>	0.57%	0.00%	1.74%	1.72%	1.58%	0.96%	1.73%	2.26%	1.86%	0.00%
<i>Trinema</i>	<i>T.complanatum</i>	0.57%	0.55%	0.00%	0.00%	0.53%	0.48%	0.00%	0.00%	0.62%	0.00%
	<i>T.enchelys</i>	1.14%	0.00%	0.58%	0.00%	0.53%	0.00%	0.00%	0.00%	0.62%	0.91%
	<i>T.lineare</i>	0.57%	0.55%	0.58%	0.57%	0.53%	0.48%	0.00%	0.00%	0.00%	0.00%

Genus	Species	41	42	43	44	45	46	47	48	49	50
<i>Arcella</i>	<i>A.catinus</i>	1.23%	1.74%	1.53%	0.00%	0.98%	4.15%	1.80%	1.05%	0.00%	0.61%
	<i>A.vulgaris</i>	0.00%	0.00%	0.00%	0.48%	0.00%	0.46%	0.00%	0.00%	0.56%	1.21%
<i>Archerella</i>	<i>A.flavum</i>	0.00%	0.00%	0.51%	0.00%	0.00%	0.00%	0.60%	0.00%	2.25%	1.21%
<i>Argynnina</i>	<i>A.dentistoma</i>	3.70%	2.33%	4.08%	2.42%	0.00%	3.23%	0.00%	2.11%	0.00%	1.21%
<i>Assulina</i>	<i>A.muscorum</i>	9.88%	11.05%	12.24%	22.71%	13.17%	10.60%	21.56%	10.00%	12.36%	26.06%
	<i>A.seminulum</i>	0.62%	1.16%	0.00%	0.97%	0.49%	0.00%	1.20%	0.00%	0.00%	1.21%
<i>Alabasta</i>	<i>A.militaris</i>	5.56%	6.98%	3.06%	6.76%	4.88%	5.99%	2.99%	4.74%	3.37%	6.67%
<i>Centropyxis</i>	<i>C.aculeata type</i>	3.09%	4.07%	1.53%	2.42%	2.93%	2.76%	1.80%	3.68%	1.12%	1.21%
	<i>C.aerophilatype</i>	9.88%	1.74%	2.55%	0.48%	2.93%	4.15%	5.39%	5.79%	7.87%	5.45%
	<i>C.platystomatatype</i>	6.17%	2.33%	3.06%	1.45%	7.32%	11.06%	3.59%	10.53%	7.87%	3.64%
<i>Cyclopyxis</i>	<i>C.carcelloides</i>	1.23%	1.74%	1.02%	5.31%	3.41%	2.76%	6.59%	1.05%	4.49%	0.00%
	<i>C.Kahli</i>	0.00%	0.00%	0.51%	0.00%	1.46%	1.38%	1.20%	0.00%	0.56%	0.61%
<i>Corythion</i>	<i>C.dubium</i>	3.09%	0.58%	0.51%	0.48%	3.41%	1.84%	0.60%	1.58%	0.00%	0.61%
<i>Diffugia</i>	<i>D.acuminata type</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>D.lucida</i>	12.35%	8.14%	4.59%	3.86%	4.88%	7.37%	2.40%	6.84%	6.18%	3.03%
	<i>D.type A</i>	1.85%	0.00%	0.00%	0.97%	0.49%	0.00%	0.60%	2.11%	0.00%	0.00%
<i>Euglypha</i>	<i>E.cristata</i>	0.00%	0.00%	0.00%	0.00%	0.49%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>E.rotunda</i>	2.47%	3.49%	3.06%	0.48%	0.98%	0.92%	0.60%	3.68%	0.00%	0.61%
	<i>E.strigosa</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.46%	0.00%	0.00%	0.00%	0.00%
	<i>E.tuberculata</i>	0.62%	5.23%	2.55%	3.38%	0.49%	1.38%	0.60%	2.63%	0.56%	0.00%
	<i>E.dentata</i>	0.00%	0.58%	1.02%	0.48%	0.98%	0.00%	0.00%	0.00%	0.00%	0.61%
<i>Heleopera</i>	<i>H.petricola/sphagni</i>	4.94%	5.23%	4.59%	1.45%	0.98%	3.23%	6.59%	2.63%	5.62%	2.42%
	<i>H.rosea</i>	0.62%	2.33%	0.51%	0.48%	1.95%	0.46%	1.80%	2.63%	3.37%	1.21%
	<i>H.sylvatica</i>	0.62%	0.00%	0.51%	0.97%	1.46%	0.46%	0.60%	0.00%	0.00%	0.00%
<i>Hyalosphenia</i>	<i>H.elegans</i>	1.85%	1.74%	2.55%	0.97%	2.44%	0.92%	2.40%	0.53%	0.00%	0.00%
	<i>H.minuta</i>	0.00%	0.00%	0.51%	0.00%	15.12%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>H.papilio</i>	8.02%	11.63%	14.29%	12.08%	0.00%	5.53%	1.80%	8.42%	12.92%	10.30%
	<i>H.spp</i>	0.00%	0.58%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Nebela</i>	<i>N.collaris</i>	0.62%	2.33%	0.51%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>N.lageniformis</i>	1.23%	0.00%	2.04%	0.97%	0.00%	3.23%	2.40%	2.63%	0.00%	0.00%
	<i>N.penardiana</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.53%	0.00%	0.00%
	<i>N.tincta</i>	0.62%	18.02%	19.39%	16.43%	5.37%	7.83%	12.57%	3.16%	11.24%	10.30%
	<i>N.tubulosa</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.53%	0.56%	0.00%
<i>Lesquereusia</i>	<i>L.modesta</i>	16.05%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Phryganella</i>	<i>P.acropodia</i>	0.00%	5.23%	7.65%	10.63%	18.05%	9.22%	12.57%	15.79%	8.43%	10.91%

<i>Physochila</i>	<i>P.griseola</i>	0.00%	0.58%	1.02%	0.00%	2.93%	5.07%	4.79%	5.79%	2.81%	3.64%
<i>Trigonopyxis</i>	<i>T.arcula</i>	3.70%	0.58%	1.53%	1.45%	0.98%	0.46%	1.20%	0.00%	5.62%	4.85%
<i>Trinema</i>	<i>T.complanatum</i>	0.00%	0.00%	0.51%	0.48%	0.00%	0.00%	0.00%	0.00%	0.00%	0.61%
	<i>T.enchelys</i>	0.00%	0.00%	0.51%	0.97%	0.49%	0.46%	0.00%	0.00%	0.00%	0.00%
	<i>T.lineare</i>	0.00%	0.00%	0.00%	0.00%	0.49%	0.46%	0.00%	0.00%	0.00%	0.00%

Genus	Species	51	52	53	54	55	56	57	58	59	60
<i>Arcella</i>	<i>A.catinus</i>	1.16%	0.00%	1.12%	1.09%	1.14%	0.59%	1.88%	0.00%	0.68%	1.09%
	<i>A.vulgaris</i>	1.73%	1.72%	1.12%	0.00%	2.29%	0.59%	2.50%	0.58%	0.68%	0.00%
<i>Archerella</i>	<i>A.flavum</i>	1.16%	0.57%	0.56%	3.83%	0.00%	0.59%	1.88%	2.31%	1.36%	5.43%
<i>Argynnina</i>	<i>A.dentistoma</i>	0.00%	0.57%	0.00%	0.55%	0.00%	0.59%	0.00%	0.00%	0.00%	0.00%
<i>Assulina</i>	<i>A.muscorum</i>	15.03%	5.17%	15.08%	13.11%	7.43%	18.82%	10.00%	22.54%	15.65%	21.74%
	<i>A.seminulum</i>	1.16%	3.45%	1.68%	2.73%	6.29%	3.53%	3.75%	2.89%	2.04%	4.89%
<i>Alabasta</i>	<i>A.militaris</i>	4.05%	0.57%	3.91%	3.83%	1.71%	2.94%	1.25%	5.20%	0.68%	4.35%
<i>Centropyxis</i>	<i>C.aculeata type</i>	1.73%	2.87%	0.56%	2.19%	1.14%	1.18%	0.00%	3.47%	4.08%	1.09%
	<i>C.aerophilatype</i>	12.72%	4.60%	13.97%	3.83%	4.00%	11.18%	4.38%	5.20%	10.20%	10.87%
	<i>C.platystomatatype</i>	2.31%	0.57%	2.79%	1.64%	2.29%	4.12%	1.25%	4.62%	3.40%	3.26%
<i>Cyclopyxis</i>	<i>C.arcelloides</i>	2.89%	6.32%	6.70%	3.83%	4.57%	7.65%	4.38%	4.05%	10.88%	2.17%
	<i>C.Kahli</i>	0.58%	1.15%	0.56%	1.09%	0.57%	1.18%	0.00%	0.00%	0.68%	0.00%
<i>Corythion</i>	<i>C.dubium</i>	0.58%	0.00%	0.56%	0.00%	0.00%	0.00%	0.00%	0.58%	0.00%	1.09%
<i>Diffflugia</i>	<i>D.acuminata type</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>D.lucida</i>	5.20%	1.72%	4.47%	2.73%	2.29%	0.00%	3.75%	5.20%	4.08%	2.72%
	<i>D.type A</i>	0.00%	0.00%	1.68%	0.00%	0.00%	0.00%	0.63%	0.58%	0.00%	0.54%
<i>Euglypha</i>	<i>E.cristata</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>E.rotunda</i>	2.31%	0.00%	0.56%	0.00%	0.57%	0.00%	0.00%	0.58%	0.00%	0.54%
	<i>E.strigosa</i>	0.00%	0.57%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>E.tuberculata</i>	1.73%	2.30%	0.00%	1.64%	4.57%	3.53%	0.63%	3.47%	0.68%	0.54%
	<i>E.dentata</i>	0.00%	0.00%	0.56%	0.00%	0.00%	0.00%	0.00%	0.58%	0.00%	0.54%
<i>Heleopera</i>	<i>H.petricola/sphagni</i>	2.89%	3.45%	1.12%	3.83%	5.14%	0.00%	7.50%	2.89%	2.04%	0.00%
	<i>H.rosea</i>	3.47%	5.17%	1.68%	0.55%	0.57%	0.00%	1.88%	0.58%	6.12%	0.54%
	<i>H.sylvatica</i>	1.16%	1.15%	0.00%	0.55%	0.57%	0.00%	0.63%	1.73%	0.68%	1.09%
<i>Hyalosphenia</i>	<i>H.elegans</i>	0.58%	2.87%	0.00%	2.73%	0.00%	1.18%	0.00%	1.73%	2.72%	0.54%
	<i>H.minuta</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.63%	0.00%	0.00%	0.00%
	<i>H.papilio</i>	5.78%	12.07%	3.91%	9.84%	12.00%	1.76%	22.50%	4.62%	2.72%	13.04%
	<i>H.spp</i>	2.89%	1.72%	0.00%	3.83%	0.57%	1.18%	3.13%	1.73%	0.68%	0.54%
<i>Nebela</i>	<i>N.collaris</i>	0.00%	0.57%	0.56%	0.00%	0.00%	0.00%	0.63%	0.00%	0.00%	0.00%
	<i>N.lageniformis</i>	1.73%	3.45%	4.47%	3.83%	2.29%	0.59%	0.63%	1.16%	0.68%	2.17%
	<i>N.penardiana</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.59%	0.00%	0.00%	0.00%	0.00%
	<i>N.tincta</i>	8.09%	12.64%	11.73%	10.93%	4.00%	0.00%	5.63%	4.05%	14.29%	6.52%
	<i>N.tubulosa</i>	0.00%	0.57%	0.00%	1.09%	0.00%	1.18%	0.00%	0.00%	0.68%	0.00%
<i>Lesquereusia</i>	<i>L.modesta</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<i>Phryganella</i>	<i>P.acropodia</i>	6.36%	5.17%	11.73%	8.20%	10.29%	23.53%	5.63%	10.98%	4.08%	9.24%
<i>Physochila</i>	<i>P.griseola</i>	4.05%	1.15%	0.56%	0.00%	1.14%	2.35%	2.50%	2.89%	2.72%	2.17%
<i>Trigonopyxis</i>	<i>T.arcula</i>	6.94%	16.67%	7.26%	10.93%	21.14%	10.59%	8.75%	5.20%	6.80%	2.72%
<i>Trinema</i>	<i>T.complanatum</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>T.enchelys</i>	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	<i>T.lineare</i>	0.00%	0.57%	0.00%	0.00%	0.57%	0.00%	0.00%	0.00%	0.00%	0.00%