H John B Birks

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

291 papers	22,169 citations	80 h-index	137 g-index
303 ext. papers	24,149 ext. citations	5 avg, IF	7.1 L-index

#	Paper	IF	Citations
291	Temperature reconstructions for the last 1.74-Ma on the eastern Tibetan Plateau based on a novel pollen-based quantitative method. *Global and Planetary Change*, **2021**, 199, 103433	4.2	4
290	The human dimension of biodiversity changes on islands. *Science*, **2021**, 372, 488-491	33.3	23
289	Rate-of-change analysis in paleoecology revisited: A new approach. *Review of Palaeobotany and Palynology*, **2021**, 293, 104483	1.7	5
288	Evolution of vegetation and climate variability on the Tibetan Plateau over the past 1.74 million years. *Science Advances*, **2020**, 6, eaay6193	14.3	26
287	Reflections on the Use of Ecological Attributes and Traits in Quaternary Botany. *Frontiers in Ecology and Evolution*, **2020**, 8,	3.7	4
286	Chemical variations in Quercus pollen as a tool for taxonomic identification: Implications for long-term ecological and biogeographical research. *Journal of Biogeography*, **2020**, 47, 1298-1309	4.1	5
285	distantia: an open-source toolset to quantify dissimilarity between multivariate ecological time-series. *Ecography*, **2020**, 43, 660-667	6.5	4
284	Ecological memory at millennial time-scales: the importance of data constraints, species longevity and niche features. *Ecography*, **2020**, 43, 1-10	6.5	43
283	Angiosperms versus gymnosperms in the Cretaceous. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 30879-30881	11.5	0
282	Transgressive Events since the Late Pleistocene in the Yellow River Delta: Grain-size Distribution and Palynological Results. *Acta Geologica Sinica*, **2020**, 94, 1194	0.7	
281	Compositional turnover and variation in Eemian pollen sequences in Europe. *Vegetation History and Archaeobotany*, **2020**, 29, 101-109	2.6	9
280	Patterns of modern pollen and plant richness across northern Europe. *Journal of Ecology*, **2019**, 107, 1662-1677	6	21
279	Contributions of Quaternary botany to modern ecology and biogeography. *Plant Ecology and Diversity*, **2019**, 12, 189-385	2.2	41
278	Paleoecology **2019**, 494-504		3
277	Modern pollen assemblages and their relationships to vegetation and climate in the Lhasa Valley, Tibetan Plateau, China. *Quaternary International*, **2018**, 467, 210-221	2	13
276	One hundred years of Quaternary pollen analysis 1916–2016. *Vegetation History and Archaeobotany* , **2018**, 27, 271-309	2.6	34
275	Are diversity trends in western Scandinavia influenced by post-glacial dispersal limitation?. *Journal of Vegetation Science*, **2018**, 29, 360-370	3.1	12

274	Stay or go – how topographic complexity influences alpine plant population and community responses to climate change. *Perspectives in Plant Ecology, Evolution and Systematics*, **2018**, 30, 41-50	3	88
273	Quantifying the effects of land use and climate on Holocene vegetation in Europe. *Quaternary Science Reviews*, **2017**, 171, 20-37	3.9	58
272	Testing the effect of the Himalayan mountains as a physical barrier to gene flow in Hippophae tibetana Schlect. (Elaeagnaceae). *PLoS ONE*, **2017**, 12, e0172948	3.7	13
271	A novel procedure for pollen-based quantitative paleoclimate reconstructions and its application in China. *Science China Earth Sciences*, **2017**, 60, 2059-2066	4.6	15
270	Detecting patterns of change in a long pollen-stratigraphical sequence from Funza, Colombia – A comparison of new and traditional numerical approaches. *Review of Palaeobotany and Palynology*, **2016**, 234, 94-109	1.7	6
269	How foreign is the past?. *Nature*, **2016**, 538, E1-E2	50.4	3
268	The fourth dimension of vegetation. *Science*, **2016**, 354, 412-413	33.3	26
267	Modern pollen–plant richness and diversity relationships exist along a vegetational gradient in southern Norway. *Holocene*, **2016**, 26, 163-175	2.6	56
266	How have studies of ancient DNA from sediments contributed to the reconstruction of Quaternary floras?. *New Phytologist*, **2016**, 209, 499-506	9.8	49
265	Does pollen-assemblage richness reflect floristic richness? A review of recent developments and future challenges. *Review of Palaeobotany and Palynology*, **2016**, 228, 1-25	1.7	102
264	Topography-driven isolation, speciation and a global increase of endemism with elevation. *Global Ecology and Biogeography*, **2016**, 25, 1097-1107	6.1	156
263	Glacial legacies on interglacial vegetation at the Pliocene-Pleistocene transition in NE Asia. *Nature Communications*, **2016**, 7, 11967	17.4	50
262	East Asian summer monsoon precipitation variability since the last deglaciation. *Scientific Reports*, **2015**, 5, 11186	4.9	360
261	Stability of alpine vegetation over 50 years in central Norway. *Folia Geobotanica*, **2015**, 50, 39-48	1.4	6
260	Pollen-based quantitative reconstructions of Holocene regional vegetation cover (plant-functional types and land-cover types) in Europe suitable for climate modelling. *Global Change Biology*, **2015**, 21, 676-97	11.4	116
259	Kohonen Artificial Neural Networks and the IndVal Index as Supplementary Tools for the Quantitative Analysis of Palaeoecological Data. *Geochronometria*, **2015**, 42,	1	5
258	Disjunct populations of European vascular plant species keep the same climatic niches. *Global Ecology and Biogeography*, **2015**, 24, 1401-1412	6.1	26
257	Alpine biodiversity and refugia in a changing climate. *Biodiversity*, **2015**, 16, 193-195	0.7	6

256	Some reflections on the refugium concept and its terminology in historical biogeography, contemporary ecology and global-change biology. *Biodiversity*, **2015**, 16, 196-212	0.7	24
255	Holocene changes in vegetation composition in northern Europe: why quantitative pollen-based vegetation reconstructions matter. *Quaternary Science Reviews*, **2014**, 90, 199-216	3.9	81
254	Reconstructing palaeoclimatic variables from fossil pollen using boosted regression trees: comparison and synthesis with other quantitative reconstruction methods. *Quaternary Science Reviews*, **2014**, 88, 69-81	3.9	30
253	The relationship between vegetation composition, vegetation zones and modern pollen assemblages in Setesdal, southern Norway. *Holocene*, **2014**, 24, 985-1001	2.6	24
252	Aquatic ecotones-new insights from Arctic Canada. *Journal of Phycology*, **2014**, 50, 607-9	3	3
251	Identifying the driving factors behind observed elevational range shifts on European mountains. *Global Ecology and Biogeography*, **2014**, 23, 876-884	6.1	86
250	A comparison of novel and traditional numerical methods for the analysis of modern pollen assemblages from major vegetation□andform types. *Review of Palaeobotany and Palynology*, **2014**, 210, 22-36	1.7	16
249	Challenges in the presentation and analysis of plant-macrofossil stratigraphical data. *Vegetation History and Archaeobotany*, **2014**, 23, 309-330	2.6	38
248	Creating spatially continuous maps of past land cover from point estimates: A new statistical approach applied to pollen data. *Ecological Complexity*, **2014**, 20, 127-141	2.6	20
247	Lateglacial and early-Holocene climate variability reconstructed from multi-proxy records on And□a, northern Norway. *Quaternary Science Reviews*, **2014**, 89, 108-122	3.9	18
246	Arctic Holocene proxy climate database □ew approaches to assessing geochronological accuracy and encoding climate variables. *Climate of the Past*, **2014**, 10, 1605-1631	3.9	69
245	Microrefugia and Shifts of Hippophae tibetana (Elaeagnaceae) on the north side of Mt. Qomolangma (Mt. Everest) during the last 25000 years. *PLoS ONE*, **2014**, 9, e97601	3.7	1
244	Regional climate model simulations for Europe at 6 and 0.2 k BP: sensitivity to changes in anthropogenic deforestation. *Climate of the Past*, **2014**, 10, 661-680	3.9	54
243	Quantitative reconstruction of precipitation changes on the NE Tibetan Plateau since the Last Glacial Maximum □extending the concept of pollen source area to pollen-based climate reconstructions from large lakes. *Climate of the Past*, **2014**, 10, 21-39	3.9	75
242	To what extent did changes in July temperature influence Lateglacial vegetation patterns in NW Europe?. *Quaternary Science Reviews*, **2014**, 106, 262-277	3.9	33
241	Looking forward through the past: identification of 50 priority research questions in palaeoecology. *Journal of Ecology*, **2014**, 102, 256-267	6	168
240	Validation of climate model-inferred regional temperature change for late-glacial Europe. *Nature Communications*, **2014**, 5, 4914	17.4	101
239	A brief history of climate □he northern seas from the Last Glacial Maximum to global warming. *Quaternary Science Reviews*, **2014**, 106, 225-246	3.9	72

238	A diverse scientific life. *Journal of Paleolimnology*, **2014**, 51, 113-137	2.1	4
237	Revisiting tree-migration rates: Abies alba (Mill.), a case study. *Vegetation History and Archaeobotany*, **2014**, 23, 113-122	2.6	28
236	Rick Battarbee and his many contributions to palaeolimnology. *Journal of Paleolimnology*, **2013**, 49, 313-332	2.1	2
235	Diatoms and pH reconstruction (1990) revisited. *Journal of Paleolimnology*, **2013**, 49, 363-371	2.1	24
234	The Fagus sylvatica forests in the Larvik region, south-eastern Norway: their origin and history. *Vegetation History and Archaeobotany*, **2013**, 22, 215-229	2.6	11
233	Pollen-based palaeoclimate reconstructions over long glacial–interglacial timescales: methodological tests based on the Holocene and MIS 5d–a deposits at Sokli, northern Finland. *Journal of Quaternary Science*, **2013**, 28, 271-282	2.3	23
232	Siberian larch forests and the ion content of thaw lakes form a geochemically functional entity. *Nature Communications*, **2013**, 4, 2408	17.4	26
231	Diatom flickering prior to regime shift. *Nature*, **2013**, 498, E11-2	50.4	26
230	Long-term vegetation stability in northern Europe as assessed by changes in species co-occurrences. *Plant Ecology and Diversity*, **2013**, 6, 289-302	2.2	10
229	The effect of calibration data set selection on quantitative palaeoclimatic reconstructions. *Holocene*, **2013**, 23, 1650-1654	2.6	16
228	Local temperatures inferred from plant communities suggest strong spatial buffering of climate warming across Northern Europe. *Global Change Biology*, **2013**, 19, 1470-81	11.4	152
227	Soil mineral depletion drives early Holocene lake acidification. *Geology*, **2013**, 41, 415-418	5	15
226	Tree migration-rates: narrowing the gap between inferred post-glacial rates and projected rates. *PLoS ONE*, **2013**, 8, e71797	3.7	88
225	Biotic homogenization of upland vegetation: patterns and drivers at multiple spatial scales over five decades. *Journal of Vegetation Science*, **2012**, 23, 755-770	3.1	70
224	A new approach for reconstructing glacier variability based on lake sediments recording input from more than one glacier. *Quaternary Research*, **2012**, 77, 192-204	1.9	46
223	Testing intra-site transfer functions: an example using chironomids and water depth. *Journal of Paleolimnology*, **2012**, 48, 545-558	2.1	12
222	Are fossil assemblages in a single sediment core from a small lake representative of total deposition of mite, chironomid, and plant macrofossil remains?. *Journal of Paleolimnology*, **2012**, 48, 669-691	2.1	26
221	Temporally changing drivers for late-Holocene vegetation changes on the northern Tibetan Plateau. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2012**, 353-355, 10-20	2.9	7

220	Comment on "Glacial Survival of Boreal Trees in Northern Scandinavia". *Science*, **2012**, 338, 742-742	33.3	39
219	From cold to cool in northernmost Norway: Lateglacial and early Holocene multi-proxy environmental and climate reconstructions from Jansvatnet, Hammerfest. *Quaternary Science Reviews*, **2012**, 33, 100-120	3.9	47
218	Macrofossils in Raraku Lake (Easter Island) integrated with sedimentary and geochemical records: towards a palaeoecological synthesis for the last 34,000 years. *Quaternary Science Reviews*, **2012**, 34, 113-126	3.9	27
217	High resolution Lateglacial and early-Holocene summer air temperature records from Scotland inferred from chironomid assemblages. *Quaternary Science Reviews*, **2012**, 41, 67-82	3.9	72
216	A North European pollen–climate calibration set: analysing the climatic responses of a biological proxy using novel regression tree methods. *Quaternary Science Reviews*, **2012**, 45, 95-110	3.9	36
215	The March Towards the Quantitative Analysis of Palaeolimnological Data. *Developments in Paleoenvironmental Research*, **2012**, 3-17		7
214	Overview of Numerical Methods in Palaeolimnology. *Developments in Paleoenvironmental Research*, **2012**, 19-92		24
213	Data-Sets. *Developments in Paleoenvironmental Research*, **2012**, 93-97		2
212	Introduction and Overview of Part II. *Developments in Paleoenvironmental Research*, **2012**, 101-121		5
211	Clustering and Partitioning. *Developments in Paleoenvironmental Research*, **2012**, 167-200		17
210	From Classical to Canonical Ordination. *Developments in Paleoenvironmental Research*, **2012**, 201-248		88
209	Statistical Learning in Palaeolimnology. *Developments in Paleoenvironmental Research*, **2012**, 249-327		33
208	Introduction and Overview of Part III. *Developments in Paleoenvironmental Research*, **2012**, 331-353		1
207	Analysis of Stratigraphical Data. *Developments in Paleoenvironmental Research*, **2012**, 355-378		20
206	Introduction and Overview of Part IV. *Developments in Paleoenvironmental Research*, **2012**, 551-555		
205	Conclusions and Future Challenges. *Developments in Paleoenvironmental Research*, **2012**, 643-673		5
204	Quantitative Environmental Reconstructions from Biological Data. *Developments in Paleoenvironmental Research*, **2012**, 431-494		80
203	Fusing pollen-stratigraphic and dendroclimatic proxy data to reconstruct summer temperature variability during the past 7.5 ka in subarctic Fennoscandia. *Journal of Paleolimnology*, **2012**, 48, 275-286	2.1	27

202	A spatio-temporal reconstruction of Holocene temperature change in southern Scandinavia. *Holocene*, **2012**, 22, 165-177	2.6	25
201	Ecological palaeoecology and conservation biology: controversies, challenges, and compromises. *International Journal of Biodiversity Science, Ecosystem Services & Management*, **2012**, 8, 292-304		66
200	Inconsistent results should not be overlooked: A reply to Brooks et al. (2012). *Holocene*, **2012**, 22, 1501-1508	2.6	16
199	Comment on "Glacial survival of boreal trees in northern Scandinavia". *Science*, **2012**, 338, 742; author reply 742	33.3	19
198	Natural and cultural heritage in mountain landscapes: towards an integrated valuation. *International Journal of Biodiversity Science, Ecosystem Services & Management*, **2012**, 8, 313-320		12
197	Chironomidae (Insecta: Diptera) succession in Łbieniec bog and its palaeo-lake (central Poland) through the Late Weichselian and Holocene. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2011**, 307, 150-167	2.9	54
196	The distribution and abundance of chironomids in high-latitude Eurasian lakes with respect to temperature and continentality: development and application of new chironomid-based climate-inference models in northern Russia. *Quaternary Science Reviews*, **2011**, 30, 1122-1141	3.9	72
195	A novel method for assessing the statistical significance of quantitative reconstructions inferred from biotic assemblages. *Quaternary Science Reviews*, **2011**, 30, 1272-1278	3.9	149
194	Driving forces of mid-Holocene vegetation shifts on the upper Tibetan Plateau, with emphasis on changes in atmospheric CO2 concentrations. *Quaternary Science Reviews*, **2011**, 30, 1907-1917	3.9	38
193	Merging chironomid training sets: implications for palaeoclimate reconstructions. *Quaternary Science Reviews*, **2011**, 30, 2793-2804	3.9	12
192	The pace of Holocene vegetation change Ttesting for synchronous developments. *Quaternary Science Reviews*, **2011**, 30, 2805-2814	3.9	76
191	QSR Correspondence Is spatial autocorrelation introducing biases in the apparent accuracy of palaeoclimatic reconstructions? *Quaternary Science Reviews*, **2011**, 30, 3210-3213	3.9	14
190	A 274-lake calibration data-set and inference model for chironomid-based summer air temperature reconstruction in Europe. *Quaternary Science Reviews*, **2011**, 30, 3445-3456	3.9	121
189	Strengths and Weaknesses of Quantitative Climate Reconstructions Based on Late-Quaternary Biological Proxies. *Open Ecology Journal*, **2011**, 3, 68-110	2	253
188	Orchid species richness along Himalayan elevational gradients. *Journal of Biogeography*, **2011**, 38, 1821-1833	4.3	83
187	Invasion of Norway spruce diversifies the fire regime in boreal European forests. *Journal of Ecology*, **2011**, 99, no-no	6	9
186	Fine-scale changes in vegetation composition in a boreal mire over 50 years. *Journal of Ecology*, **2011**, 99, 1179-1189	6	49
185	Quantification of UV-B flux through time using UV-B-absorbing compounds contained in fossil Pinus sporopollenin. *New Phytologist*, **2011**, 192, 553-60	9.8	36

184	Effect of uneven sampling along an environmental gradient on transfer-function performance. *Journal of Paleolimnology*, **2011**, 46, 99-106	2.1	67
183	Developing a modern pollen–climate calibration data set for Norway. *Boreas*, **2010**, 39, 674-688	2.4	28
182	Late-Quaternary palaeoclimatic research in Fennoscandia – A historical review. *Boreas*, **2010**, 39, 655-673	2.4	29
181	Early Weichselian (MIS 5d and 5c) temperatures and environmental changes in northern Fennoscandia as recorded by chironomids and macroremains at Sokli, northeast Finland. *Boreas*, **2010**, 39, 689-704	2.4	27
180	Current continental palaeoclimatic research in the Nordic region (100 years since Gunnar Andersson 1909) – Introduction. *Boreas*, **2010**, 39, 649-654	2.4	6
179	A modern pollen–climate calibration set based on lake sediments from the Tibetan Plateau and its application to a Late Quaternary pollen record from the Qilian Mountains. *Journal of Biogeography*, **2010**, 37, 752-766	4.1	114
178	THIS ARTICLE HAS BEEN RETRACTED: What caused the mid-Holocene forest decline on the eastern Tibet-Qinghai Plateau?. *Global Ecology and Biogeography*, **2010**, 19, 278-286	6.1	29
177	Recent vegetation changes at the high-latitude tree line ecotone are controlled by geomorphological disturbance, productivity and diversity. *Global Ecology and Biogeography*, **2010**, 19, 810-821	6.1	101
176	Holocene land-cover reconstructions for studies on land cover-climate feedbacks. *Climate of the Past*, **2010**, 6, 483-499	3.9	164
175	Holocene land-cover changes on the Tibetan Plateau. *Holocene*, **2010**, 20, 91-104	2.6	48
174	4 °C and beyond: what did this mean for biodiversity in the past?. *Systematics and Biodiversity*, **2010**, 8, 3-9	1.7	45
173	Quantifying recent ecological changes in remote lakes of North America and Greenland using sediment diatom assemblages. *PLoS ONE*, **2010**, 5, e10026	3.7	83
172	Alpine vegetation and species-richness patterns along two altitudinal gradients in the Gyama Valley, south-central Tibet, China. *Plant Ecology and Diversity*, **2010**, 3, 235-247	2.2	8
171	Biodiversity baselines, thresholds and resilience: testing predictions and assumptions using palaeoecological data. *Trends in Ecology and Evolution*, **2010**, 25, 583-91	10.9	242
170	Regional consistency in Lateglacial chironomid-inferred temperatures from five sites in north-west England. *Quaternary Science Reviews*, **2010**, 29, 1528-1538	3.9	49
169	Reconciling pollen-stratigraphical and tree-ring evidence for high- and low-frequency temperature variability in the past millennium. *Quaternary Science Reviews*, **2010**, 29, 3905-3918	3.9	12
168	How important is plot relocation accuracy when interpreting re-visitation studies of vegetation change?. *Plant Ecology and Diversity*, **2010**, 3, 1-8	2.2	60
167	Oribatid mite assemblages across the tree-line in western Norway and their representation in lake sediments. *Journal of Paleolimnology*, **2010**, 44, 361-374	2.1	9

166	Holocene climate and environmental history of Brurskardstjørni, a lake in the catchment of Øvre Heimdalsvatn, south-central Norway. *Hydrobiologia*, **2010**, 642, 13-34	2.4	20
165	Evaluating the indicator value of Tibetan pollen taxa for modern vegetation and climate. *Review of Palaeobotany and Palynology*, **2010**, 160, 197-208	1.7	38
164	Chironomid-inferred late-glacial summer air temperatures from Lough Nadourcan, Co. Donegal, Ireland. *Journal of Quaternary Science*, **2010**, 25, 1200-1210	2.3	45
163	Holocene climate and environmental history of Brurskardstjørni, a lake in the catchment of Øvre Heimdalsvatn, south-central Norway **2010**, 13-34		
162	Last nine-thousand years of temperature variability in Northern Europe. *Climate of the Past*, **2009**, 5, 523-535	3.9	202
161	Svend Th. Andersen (1926–2009). *Review of Palaeobotany and Palynology*, **2009**, 157, 189-191	1.7	2
160	Quantitative summer-temperature reconstructions for the last 2000 years based on pollen-stratigraphical data from northern Fennoscandia. *Journal of Paleolimnology*, **2009**, 41, 43-56	2.1	44
159	Variability in thermal and UV-B energy fluxes through time and their influence on plant diversity and speciation. *Journal of Biogeography*, **2009**, 36, 1630-1644	4.1	36
158	Flora, vegetation and climate at Sokli, northeastern Fennoscandia, during the Weichselian Middle Pleniglacial. *Boreas*, **2009**, 38, 335-348	2.4	27
157	Evaluation of transfer functions in spatially structured environments. *Quaternary Science Reviews*, **2009**, 28, 1309-1316	3.9	169
156	The development and local stand-scale dynamics of a Picea abies forest in southeastern Norway. *Holocene*, **2009**, 19, 1073-1082	2.6	24
155	Recent warming reverses long-term arctic cooling. *Science*, **2009**, 325, 1236-9	33.3	515
154	A multi-proxy palaeoecological study of Alanen Laanijärvi, a boreal-forest lake in Swedish Lapland. *Boreas*, **2008**, 34, 192-206	2.4	2
153	Holocene vegetation dynamics and inferred climate changes at Svanvatnet, Mo i Rana, northern Norway. *Boreas*, **2008**, 37, 146-156	2.4	40
152	Late-Quaternary summer temperature changes in the northern-European tree-line region. *Quaternary Research*, **2008**, 69, 404-412	1.9	34
151	Holocene moisture evolution in arid central Asia and its out-of-phase relationship with Asian monsoon history. *Quaternary Science Reviews*, **2008**, 27, 351-364	3.9	757
150	Exploring Holocene continentality changes in Fennoscandia using present and past tree distributions. *Quaternary Science Reviews*, **2008**, 27, 1296-1308	3.9	56
149	Agroforestry: a refuge for tropical biodiversity?. *Trends in Ecology and Evolution*, **2008**, 23, 261-7	10.9	435

148	Recent ecological change in a remote Scottish mountain loch: An evaluation of a Cladocera-based temperature transfer-function. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2008**, 259, 51-76	2.9	35
147	Holocene pollen stratigraphy of southern Sweden: a reappraisal using numerical methods. *Boreas*, **2008**, 8, 257-279	2.4	36
146	Composition and formation of laminated sediments in Diss Mere, Norfolk, England. *Boreas*, **2008**, 13, 13-28	2.4	35
145	Alpines, trees, and refugia in Europe. *Plant Ecology and Diversity*, **2008**, 1, 147-160	2.2	251
144	Biological responses to rapid climate change at the Younger Dryas–Holocene transition at Kr□kenes, western Norway. *Holocene*, **2008**, 18, 19-30	2.6	124
143	A multiproxy palaeolimnological investigation of Holocene environmental change, between c. 10 700 and 7200 years BP, at Holebudalen, southern Norway. *Holocene*, **2008**, 18, 805-817	2.6	25
142	Frank Oldfield and his contributions to environmental change research. *Holocene*, **2008**, 18, 3-17	2.6	1
141	Spatial structure of the 8200 cal yr BP event in northern Europe. *Climate of the Past*, **2007**, 3, 225-236	3.9	61
140	A comparison of altitudinal species richness patterns of bryophytes with other plant groups in Nepal, Central Himalaya. *Journal of Biogeography*, **2007**, 34, 1907-1915	4.1	133
139	Are cladoceran fossils in lake sediment samples a biased reflection of the communities from which they are derived?. *Journal of Paleolimnology*, **2007**, 38, 157-181	2.1	53
138	Present-day temperatures in northern Scandinavia during the last glaciation. *Geology*, **2007**, 35, 987	5	66
137	Quantitative palaeotemperature records inferred from fossil pollen and chironomid assemblages from Lake Gilltj□hen, northern central Sweden. *Journal of Quaternary Science*, **2006**, 21, 831-841	2.3	61
136	Holocene palaeoclimate reconstructions at Vanndalsvatnet, western Norway, with particular reference to the 8200 cal. yr BP event. *Holocene*, **2006**, 16, 717-729	2.6	44
135	What is natural? The need for a long-term perspective in biodiversity conservation. *Science*, **2006**, 314, 1261-5	33.3	447
134	Dispersal limitations matter for microbial morphospecies. *Science*, **2006**, 312, 1015	33.3	164
133	How many freshwater diatoms are pH specialists? A response to Pither & Aarssen (2005). *Ecology Letters*, **2006**, 9, E1-5; discussion E6-12	10	19
132	On the presence of late-glacial trees in western Norway and the Scandes: a further comment. *Journal of Biogeography*, **2006**, 33, 376-377	4.1	10
131	Aquatic Biota and the Detection of Climate Change: Are there Consistent Aquatic Ecotones?. *Journal of Paleolimnology*, **2006**, 35, 507-518	2.1	54

130	Holocene forest development along the Setesdal valley, southern Norway, reconstructed from macrofossil and pollen evidence. *Vegetation History and Archaeobotany*, **2006**, 15, 65-85	2.6	71
129	Multi-proxy studies in palaeolimnology. *Vegetation History and Archaeobotany*, **2006**, 15, 235-251	2.6	239
128	Estimating the amount of compositional change in late-Quaternary pollen-stratigraphical data. *Vegetation History and Archaeobotany*, **2006**, 16, 197-202	2.6	78
127	A multi-proxy study of lake-development in response to catchment changes during the Holocene at Lochnagar, north-east Scotland. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2005**, 221, 175-201	2.9	57
126	Mind the gap: how open were European primeval forests?. *Trends in Ecology and Evolution*, **2005**, 20, 154-6	10.9	95
125	Chironomids as a tool for inferring Holocene climate: an assessment based on six sites in southern Scandinavia. *Quaternary Science Reviews*, **2005**, 24, 1429-1462	3.9	155
124	The secret assumption of transfer functions: problems with spatial autocorrelation in evaluating model performance. *Quaternary Science Reviews*, **2005**, 24, 2173-2179	3.9	200
123	Holocene Climate Variability in the Northern North Atlantic Region: A Review of Terrestrial and Marine Evidence. *Geophysical Monograph Series*, **2005**, 289-322	1.1	13
122	Did tree-Betula, Pinus and Picea survive the last glaciation along the west coast of Norway? A review of the evidence, in light of Kullman (2002). *Journal of Biogeography*, **2005**, 32, 1461-1471	4.1	43
121	Holocene environmental history and climate of RE□je□n, a low-alpine lake in south-central Norway. *Journal of Paleolimnology*, **2005**, 33, 129-153	2.1	67
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