Ecography

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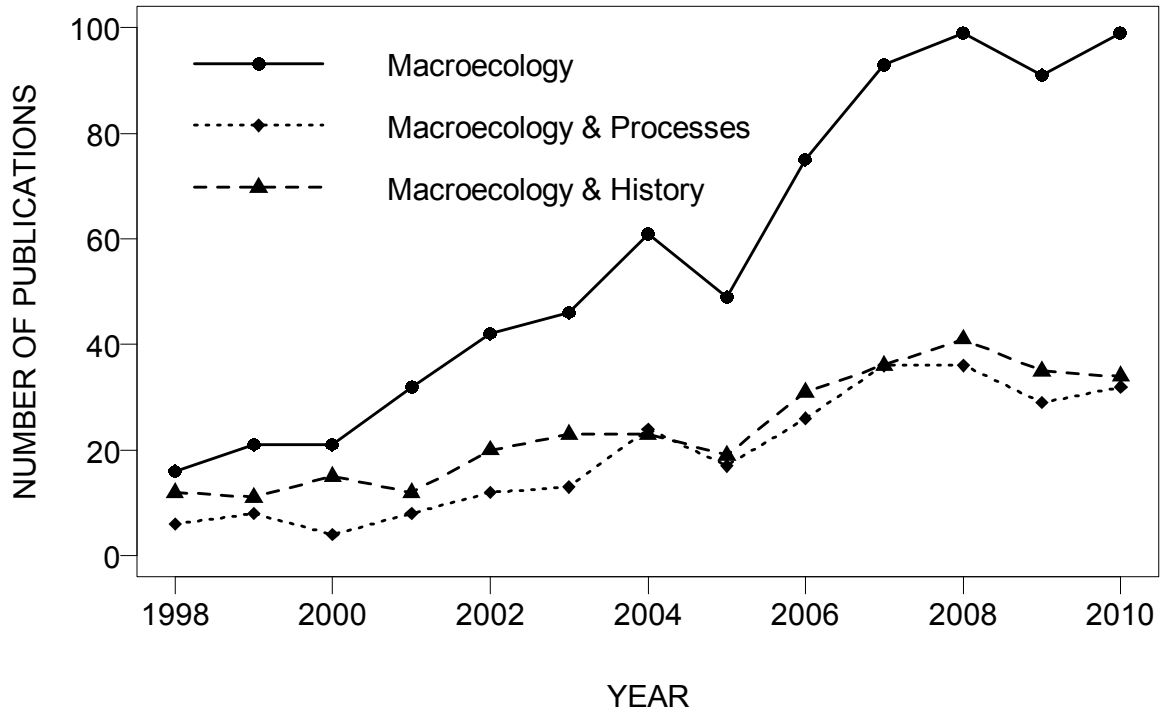
Supplementary material

Appendix 1 (A) Numbers of papers on *history* and *processes*; **(B)** Processes at community vs. large scales.

(A) Number of all macroecological papers and macroecological papers dealing with either *history* or *processes* in ISI Web of Science (www.isiknowledge.com; November 03rd, 2011), based on timespan 1998–2010. ISI-search strings: Topic=(macroecol*)); Topic=((phylogen* OR taxonom* OR evolution* OR phylogeograph* OR "historical_biogeography" OR palaeo* OR cladistic*) AND macroecol*); Topic=(("population_dynamics" OR "population_growth" OR mortality OR reproduct* OR physiolog* OR dispersal OR mutualism OR facilitation OR symbiotic OR symbios* OR competition OR competitive OR herbivory OR host-parasit* OR parasitism OR predator-prey OR "trophic_interaction") AND macroecol*); cf. Appendix S1 for processes.



If related to 1998 numbers, the increase in "process"-papers was approximately proportional to the general increase in macroecology papers (ca. five-fold in 2010) while it was smaller in "history"-papers (less than 3-fold).

(B) Results of an ISI Web of Science (www.isiknowledge.com) literature survey of ecological studies of environmental drivers and various processes at two levels of aggregation: the 1st level of aggregation covers studies at community scales (community), the 2nd those at large spatial scales and with more than one study species. Notation: * <10, ** 11-100, *** 101-1000, **** >1000 studies.

		1st level of aggregation	2nd level of aggregation
Drivers	Temperature & precipitation	***	***
	land-use	***	***
Processes	Population dynamics	****	**
	Physiology	****	**
	Dispersal	***	**
	Mutualism/facilitation/symbiosis	***	*
	competition	****	**
	Herbivory	***	*
	Parasitism	**	*
	predator-prey/trophic interaction	***	**

Search strings for 1st aggregation level (up to community scale OR only up to one species):

(communit* OR assemblage)
AND
(temperature OR precipitation)
("land_use" OR "land-use")
("population_dynamics" OR "population_growth" OR mortality OR reproduct*)
(physiolog*)
(dispersal)
(mutualism OR facilitation OR symbiotic OR symbios*)
(competition OR competitive)
(herbivory) # recheck: no just herbivore communities, but the process
(host-parasit* OR parasitism)
(predator-prey OR "trophic_interaction")

Search strings for 2nd aggregation level (more than one species AND large scales):

(macroecolog* OR "large_scale" OR "large-scale" OR "species_area_curve" or "species-area-curve" OR "species_area_relationship" OR (trait AND distribution) OR "range_size_distribution*" OR "body_mass_distribution" OR "body-mass-distribution" OR "Rapoport's rule" OR "abundance_distribution" OR "body_size_distribution" OR "body-size-distribution")
AND
(temperature OR precipitation)
("land_use" OR "land-use")
("population_dynamics" OR "population_growth" OR mortality OR reproduct*)
(physiolog*)
(dispersal)
(mutualism OR facilitation OR symbiotic OR symbios*)
(competition OR competitive)
(herbivory) # recheck: no just herbivore communities, but the process

(host-parasit* OR parasitism)
(predator-prey OR “trophic_interaction”)

Appendix 2. Information on generation of Fig. 3.

Taxa studied by papers with TOPIC = macroecol* and contained in the ISI Web of Science on 5 April 2010. Within the total of 688 macroecological papers retrieved, the taxa were searched with the given search strings in TOPIC. Note that one paper could be assigned to more than one category. The species richness data are based on Lecointre & Le Guyader (2006).

No.	Taxon	Search string	Papers	Proportion papers	Species	Proportion species	Represenation relative to average
1	Animals: Chordata: mammals and birds	mammal* OR bird* OR avian	260	40.8%	14168	0.8%	50.27
2	Animals: Chordata: other classes	reptil* OR amphib* OR fish* OR actinopterygii OR appendicularia OR ascidiacea OR cephalaspidomorphi OR cephalochordata OR elasmobranchii OR myxini OR sarcopterygii OR thaliacea	81	12.7%	38078	2.2%	5.83
3	Animals: Arthropoda: insects	insect* OR hexapoda OR archaeognatha OR balttodea OR coleoptera OR dermaptera OR diptera OR embiidina OR ephemeroptera OR gryllblattodea OR hemiptera OR hymenoptera OR isoptera OR lepidoptera OR mantodea OR mantophasmatodea OR mecoptera OR neuroptera OR odonata OR orthoptera OR phasmida OR phthiraptera OR plecoptera OR psocoptera OR raphidioptera OR siphonaptera OR strepsiptera OR thysanoptera OR trichoptera OR zoraptera OR zygentoma OR butterfl* OR moth* OR bees OR beetles OR dragonfl* OR grasshopper*	86	13.5%	830075	47.5%	0.28
4	Animals: Arthropoda: other classes	spiders OR crayfish OR arachn* OR branchiopoda OR cephalocarida OR chilopoda OR diplopoda OR entognatha OR malacostraca OR maxillopoda OR ostracoda OR pycnogonida OR remipedia	7	1.1%	126339	7.2%	0.15
5	Animals: Mollusca	mollusc* OR aplacophora OR bivalvia OR cephalopod* OR gastropod* OR monoplacophora OR polyplacophora OR scaphopoda OR snail* OR mussel* OR cuttlefish	26	4.1%	117495	6.7%	0.61
6	Animals: other phyla	acanthocephala OR acoelomorpha OR annelid* OR brachiopoda OR cephalorhyncha OR chaetognatha OR cnidaria OR ctenophora OR cycliophora OR echinodermata OR echiura OR ectoprocta OR entoprocta OR gastrotricha OR gnathostomulida OR hemichordata OR mesozoa OR myxozoa OR nemat* OR nemertea OR onychophora OR phoronida OR placozoa OR plathyhelminthes OR plathelminthes OR porifer* OR sipuncula OR tardigrad*	2	0.3%	85457	4.9%	0.06
7	Plants: spermatophytes	spermatophyt* OR angiosperm* OR gymnosperm OR (plant* NOT (bryophyt* OR liverwort* OR pteridophyt* OR fern* OR alga*))	125	19.6%	234707	13.4%	1.46
8	Plants: pteridophytes	pteridophyt* OR equiset* OR lycopodio* OR fern*	7	1.1%	10795	0.6%	1.78
9	Plants: bryophytes	bryophyt* OR anthocero* OR marchantio* OR mosses OR liverworts	2	0.3%	24400	1.4%	0.22
10	Plants: algae & Chromista	alga* OR diatom* OR bacillariophyta OR chlorophyta OR cyanidiophyta OR glaucophyta OR prasinophyta OR rhodophyta chromista OR cryptophyta OR haptophyta OR hyphochytriomycota OR labyrinthista OR ochrophyta OR oomycota OR sagenista OR	21	3.3%	119935	6.9%	0.48
11	Fungi (including lichens)	fungi OR lichen* OR ascomyc* or basidiomyc* or chytridiomyc* OR zygomyc*	6	0.9%	100000	5.7%	0.16
12	Protozoa	protozoa* OR acritarcha OR apicomplexa OR cercozoa OR choanozoa OR ciliophora OR dinophyta OR eugleno* OR flagellata OR mycetozoa OR parabasalia OR percolozoa OR sarcomastigophora OR xenophyophora	1	0.2%	37122	2.1%	0.07
13	Bacteria & Archaea	bacteria* OR archaea	14	2.2%	9280	0.5%	4.13
	Sum		**638**		**1747851**		

Appendix 3. Information on generation of Fig. 4.

Major habitat types and continents studied by papers with TOPIC = macroecol* and contained in the ISI Web of Science on 5 April 2010. Within the total of 688 macroecological papers retrieved, the subsets were searched with the combinations of search strings in TOPIC that are given in the heads of the lines and the columns. Note that the total values (All) are normally slightly lower than the sums over the categories because some studies belong to more than one category. The values given in read are those used for the production of the figure. The value with * has been replaced with 329, which is the result for the search string *(terr* OR land OR global OR world OR europe* OR "north america*" OR "south america*" OR asia* OR africa* OR australia* OR oceania* OR antarct*) NOT ("fresh water" OR limn* OR river* OR lake* OR marine OR sea OR ocean*)* because the original value probably included some non-terrestrial (e.g. theoretical) studies.

Category	*Search string*	**Limnic** *"fresh water" OR limn* OR river* OR lake**	**Marine** *marine OR sea OR ocean**	**Terrestrial** *NOT ("fresh water" OR limn* OR river* OR lake* OR marine OR sea OR ocean*)*	**All**
Europe	*europe**	4	3	66	71
Asia	*asia**	1	1	11	13
North America	*"north america*"*	2	8	81	90
South America	*"south america*"*	2	7	38	46
Africa	*africa**	2	5	37	44
Australia and Oceania	*australia* OR oceania**	0	4	26	30
Antarctica	*antarct**	0	6	3	9
Global	*global OR world*	8	46	152	203
Continent not specified	*NOT (global OR world OR europe* OR "north america*" OR "south america*" OR asia* OR africa* OR australia* OR oceania* OR antarct*)*	23	76	234	
All		38	137	523*	688

Appendix 4. Information on generation of Fig. 5.

Extent and grain sizes used in macroecological studies. Papers were selected based on the following search string in ISI Web of Science:

Topic=(macroecol* OR spatial AND "large scale" OR spatial AND "diversity pattern" OR spatial AND "species distribution" OR spatial AND "large scale" AND "diversity pattern" OR spatial AND "large scale" AND "species distribution" OR spatial AND "large scale" AND "diversity pattern" AND "species distribution" OR "large scale" AND "diversity pattern" OR "large scale" AND "species distribution" OR "large scale" AND "diversity pattern" AND "species distribution" OR "diversity pattern" AND "species distribution"); Refined by: Subject Areas=(ECOLOGY) AND Document Type=(ARTICLE OR REVIEW) AND Publication Years=(2007 OR 2008 OR 2009) AND Source Titles=(GLOBAL ECOLOGY AND BIOGEOGRAPHY OR JOURNAL OF BIOGEOGRAPHY OR MARINE ECOLOGY-PROGRESS SERIES OR ECOLOGY OR ECOGRAPHY OR BIOLOGICAL CONSERVATION OR DIVERSITY AND DISTRIBUTIONS OR BIODIVERSITY AND CONSERVATION); Timespan=All Years. Databases=SCI-EXPANDED, SSCI.

Extents ≤ 10 000 km² (100 km*100 km) and transect lengths ≤ 200 km were classified as not macroecological and the respective studies were excluded. Further, studies were excluded if grain size was not clearly defined, no grain was used, no real data was used (editorials, forum papers, reviews, meta-analyses, method-papers, simulations, software notes), or no biological properties were studied. In the search string, “Document Type” included reviews because ISI classifies articles with large reference lists as reviews. The table shows all papers included in the meta-analysis. Several papers used a range of grain sizes or extent classes; this is indicated in the “Grain size class” or “Extent category” column. Accordingly studies with different grain or extent classes were used several times in the meta-analysis. Grain size classes: 1: < 1 m²; 2: 1 m² - < 10 m²; 3: 10 m² - < 100 m²; 4: 100 m² - < 1,000 m²; 5: 1,000 m² - < 10,000 m²; 6: 1 ha - < 10 ha; 7: 10 ha - < 100 ha; 8: 1 km² - < 10 km²; 9: 10 km² - < 100 km²; 10: 100 km² - < 1,000 km²; 11: 1,000 km² - < 10,000 km²; 12: 10,000 km² - < 100,000 km²; 13: >= 100,000 km²; P: plot or trap without precise area; S: site or population without precise area.

Journal	Article	Grain size class	Extent category
Biodiversity & Conservation	Beche, LA; Statzner, B (2009): Richness gradients of stream invertebrates across the USA: taxonomy- and trait-based approaches. - BIODIVERSITY AND CONSERVATION 18: 3909-3930.	4	national
Biodiversity & Conservation	Diniz, JAF; Bini, LM; Pinto, MP; Rangel, TFLVB; Carvalho, P; Vieira, SL; Bastos, RP (2007): Conservation biogeography of anurans in Brazilian Cerrado. - BIODIVERSITY AND CONSERVATION 16: 997-1008.	11	regional
Biodiversity & Conservation	Finch, OD; Blick, T; Schuldt, A (2008): Macroecological patterns of spider species richness across Europe. - BIODIVERSITY AND CONSERVATION 17: 2849-2868.	12	national, continental

Biodiversity & Conservation	Giralt, D; Valera, F (2007): Population trends and spatial synchrony in peripheral populations of the endangered Lesser grey shrike in response to environmental change. - BIODIVERSITY AND CONSERVATION 16: 841-856.	9	regional
Biodiversity & Conservation	Godet, L; Devictor, V; Jiguet, F (2007): Estimating relative population size included within protected areas. - BIODIVERSITY AND CONSERVATION 16: 2587-2598.	8	national
Biodiversity & Conservation	Hernandez, PA; Franke, I; Herzog, SK; Pacheco, V; Paniagua, L; Quintana, HL; Soto, A; Swenson, JJ; Tovar, C; Valqui, TH; Vargas, J; Young, BE (2008): Predicting species distributions in poorly-studied landscapes. - BIODIVERSITY AND CONSERVATION 17: 1353-1366.	8	multi-national
Biodiversity & Conservation	Keil, P; Hawkins, BA (2009): Grids versus regional species lists: are broad-scale patterns of species richness robust to the violation of constant grain size?. - BIODIVERSITY AND CONSERVATION 18: 3127-3137.	10	continental
Biodiversity & Conservation	Nielsen, SE; Haughland, DL; Bayne, E; Schieck, J (2009): Capacity of large-scale, long-term biodiversity monitoring programmes to detect trends in species prevalence. - BIODIVERSITY AND CONSERVATION 18: 2961-2978.	5, 8	regional
Biodiversity & Conservation	Pautasso, M; Zotti, M (2009): Macrofungal taxa and human population in Italy's regions. - BIODIVERSITY AND CONSERVATION 18: 473-485.	11	national
Biodiversity & Conservation	Peralvo, M; Sierra, R; Young, KR; Ulloa-Ulloa, C (2007): Identification of biodiversity conservation priorities using predictive modeling: An application for the equatorial pacific region of South America. - BIODIVERSITY AND CONSERVATION 16: 2649-2675.	9	regional
Biodiversity & Conservation	Puddu, G; Maiorano, L; Falcucci, A; Corsi, F; Boitani, L (2009): Spatial-explicit assessment of current and future conservation options for the endangered Corsican Red Deer (Cervus elaphus corsicanus) in Sardinia. - BIODIVERSITY AND CONSERVATION 18: 2001-2016.	6	regional
Biodiversity & Conservation	Qi, DW; Hu, YB; Gu, XD; Li, M; Wei, FW (2009): Ecological niche modeling of the sympatric giant and red pandas on a mountain-range scale. - BIODIVERSITY AND CONSERVATION 18: 2127-2141.	5	regional
Biodiversity & Conservation	Ranius, T; Eliasson, P; Johansson, P (2008): Large-scale occurrence patterns of red-listed lichens and fungi on old oaks are influenced both by current and historical habitat density. - BIODIVERSITY AND CONSERVATION 17: 2371-2381.	9	regional

Biodiversity & Conservation	Scarnati, L; Attorre, F; De Sanctis, M; Farcomeni, A; Francesconi, F; Mancini, M; Bruno, F (2009): A multiple approach for the evaluation of the spatial distribution and dynamics of a forest habitat: the case of Apennine beech forests with Taxus baccata and Ilex aquifolium. - BIODIVERSITY AND CONSERVATION 18: 3099-3113.	3	regional
Biodiversity & Conservation	Tsiftsis, S; Tsiripidis, I; Karagiannakidou, V (2009): Identifying areas of high importance for orchid conservation in east Macedonia (NE Greece). - BIODIVERSITY AND CONSERVATION 18: 1765-1780.	10	regional
Biodiversity & Conservation	Valenzuela-Galvan, D; Arita, HT; Macdonald, DW (2008): Conservation priorities for carnivores considering protected natural areas and human population density. - BIODIVERSITY AND CONSERVATION 17: 539-558.	12	continental
Biodiversity & Conservation	Wood, LJ; Dragicevic, S (2007): GIS-Based multicriteria evaluation and fuzzy sets to identify priority sites for marine protection. - BIODIVERSITY AND CONSERVATION 16: 2539-2558.	11	regional
Biological Conservation	Barlow, J; Mestre, LAM; Gardner, TA; Peres, CA (2007): The value of primary, secondary and plantation forests for Amazonian birds. - BIOLOGICAL CONSERVATION 136: 212-231.	6, 8	regional
Biological Conservation	Brambilla, M; Casale, F; Bergero, V; Crovetto, GM; Falco, R; Negri, I; Siccardi, P; Bogliani, G (2009): GIS-models work well, but are not enough: Habitat preferences of Lanius collurio at multiple levels and conservation implications. - BIOLOGICAL CONSERVATION 142: 2033-2042.	6	regional
Biological Conservation	Britton, AJ; Beale, CM; Towers, W; Hewison, RL (2009): Biodiversity gains and losses: Evidence for homogenisation of Scottish alpine vegetation. - BIOLOGICAL CONSERVATION 142: 1728-1739.	1, 2	regional
Biological Conservation	Buhle, ER; Holsman, KK; Scheuerell, MD; Albaugh, A (2009): Using an unplanned experiment to evaluate the effects of hatcheries and environmental variation on threatened populations of wild salmon. - BIOLOGICAL CONSERVATION 142: 2449-2455.	11, 12	regional
Biological Conservation	Carrete, M; Grande, JM; Tella, JL; Sanchez-Zapata, JA; Donazar, JA; Diaz-Delgadoa, R; Romo, A (2007): Habitat, human pressure, and social behavior: Partialling out factors affecting large-scale territory extinction in an endangered vulture. - BIOLOGICAL CONSERVATION 136: 143-154.	8, 10	national
Biological Conservation	Garcia, J; Suarez-Seoane, S; Miquelez, D; Osborne, PE; Zumalacarregui, C (2007): Spatial analysis of habitat quality in a fragmented population of little bustard (Tetrax tetrax): Implications for conservation. - BIOLOGICAL CONSERVATION	8	regional

	137: 45-56.		
Biological Conservation	Huerta, MAO (2007): Fragmentation patterns and implications for biodiversity conservation in three biosphere reserves and surrounding regional environments, northeastern Mexico. - BIOLOGICAL CONSERVATION 134: 83-95.	7	regional
Biological Conservation	Killengreen, ST; Ims, RA; Yoccoz, NG; Brathen, KA; Henden, JA; Schott, T (2007): Structural characteristics of a low Arctic tundra ecosystem and the retreat of the Arctic fox. - BIOLOGICAL CONSERVATION 135: 459-472.	8, 10, 11	regional
Biological Conservation	Lassalle, G; Beguer, M; Beaulaton, L; Rochard, E (2008): Diadromous fish conservation plans need to consider global warming issues: An approach using biogeographical models. - BIOLOGICAL CONSERVATION 141: 1105-1118.	10, 11, 12, 13	multi-continental
Biological Conservation	Murray, JV; Choy, SL; McAlpine, CA; Possingham, HP; Goldizen, AW (2008): The importance of ecological scale for wildlife conservation in naturally fragmented environments: A case study of the brush-tailed rock-wallaby (Petrogale penicillata). - BIOLOGICAL CONSERVATION 141: 7-22.	7, 8, 9	regional
Biological Conservation	Parsons, B; Short, J; Roberts, JD (2009): Using community observations to predict the occurrence of malleefowl (Leipoa ocellata) in the Western Australian wheatbelt. - BIOLOGICAL CONSERVATION 142: 364-374.	8	regional
Biological Conservation	Polasky, S; Nelson, E; Camm, J; Csuti, B; Fackler, P; Lonsdorf, E; Montgomery, C; White, D; Arthur, J; Garber-Yonts, B; Haight, R; Kagan, J; Starfield, A; Tobalske, C (2008): Where to put things? Spatial land management to sustain biodiversity and economic returns. - BIOLOGICAL CONSERVATION 141: 1505-1524.	6	regional
Biological Conservation	Sergio, C; Figueira, R; Draper, D; Menezes, R; Sousa, AJ (2007): Modelling bryophyte distribution based on ecological information for extent of occurrence assessment. - BIOLOGICAL CONSERVATION 135: 341-351.	8	multi-continental
Biological Conservation	Suryan, RM; Dietrich, KS; Melvin, EF; Balogh, GR; Sato, F; Ozaki, K (2007): Migratory routes of short-tailed albatrosses: Use of exclusive economic zones of North Pacific Rim countries and spatial overlap with commercial fisheries in Alaska. - BIOLOGICAL CONSERVATION 137: 450-460.	11	multi-continental
Biological Conservation	Thieme, M; Lehner, B; Abell, R; Hamilton, SK; Kellndorfer, J; Powell, G; Riveros, JC (2007): Freshwater conservation planning in data-poor areas: An example from a remote Amazonian basin (Madre de Dios River, Peru and Bolivia). - BIOLOGICAL CONSERVATION 135: 484-501.	10	multi-national

Biological Conservation	Thomaes, A; Kervyn, T; Maes, D (2008): Applying species distribution modelling for the conservation of the threatened saproxylic Stag Beetle (Lucanus cervus). - BIOLOGICAL CONSERVATION 141: 1400-1410.	9	national
Biological Conservation	Witt, MJ; Baert, B; Broderick, AC; Formia, A; Fretey, J; Gibudi, A; Mounguengui, GAM; Moussounda, C; Ngouessono, S; Parnell, RJ; Roumet, D; Sounguet, GP; Verhage, B; Zogo, A; Godley, BJ (2009): Aerial surveying of the world's largest leatherback turtle rookery: A more effective methodology for large-scale monitoring. - BIOLOGICAL CONSERVATION 142: 1719-1727.	10, 11	national
Diversity & Distributions	Anadon, JD; Gimenez, A; Martinez, M; Palazon, JA; Esteve, MA (2007): Assessing changes in habitat quality due to land use changes in the spur-thighed tortoise Testudo graeca using hierarchical predictive habitat models. - DIVERSITY AND DISTRIBUTIONS 13: 324-331.	8	regional
Diversity & Distributions	Beatty, GE; McEvoy, PM; Sweeney, O; Provan, J (2008): Range-edge effects promote clonal growth in peripheral populations of the one-sided wintergreen Orthilia secunda. - DIVERSITY AND DISTRIBUTIONS 14: 546-555.	2, 3	multi-national
Diversity & Distributions	Brotons, L; Herrando, S; Pla, M (2007): Updating bird species distribution at large spatial scales: applications of habitat modelling to data from long-term monitoring programs. - DIVERSITY AND DISTRIBUTIONS 13: 276-288.	6	regional
Diversity & Distributions	Buisson, L; Grenouillet, G (2009): Contrasted impacts of climate change on stream fish assemblages along an environmental gradient. - DIVERSITY AND DISTRIBUTIONS 15: 613-626.	10	national
Diversity & Distributions	Clarke, A; Griffiths, HJ; Linse, K; Barnes, DKA; Crame, JA (2007): How well do we know the Antarctic marine fauna? A preliminary study of macroecological and biogeographical patterns in Southern Ocean gastropod and bivalve molluscs. - DIVERSITY AND DISTRIBUTIONS 13: 620-632.	11, 12, 13	continental
Diversity & Distributions	Cofre, HL; Bohning-Gaese, K; Marquet, PA (2007): Rarity in Chilean forest birds: which ecological and life-history traits matter?. - DIVERSITY AND DISTRIBUTIONS 13: 203-212.	5, 8	regional
Diversity & Distributions	Costa, GC; Nogueira, C; Machado, RB; Colli, GR (2007): Squamate richness in the Brazilian Cerrado and its environmental-climatic associations. - DIVERSITY AND DISTRIBUTIONS 13: 714-724.	11	regional
Diversity & Distributions	Ferro, VG; Diniz, IR (2008): Biological attributes affect the data of description of tiger moths (Arctiidae) in the Brazilian Cerrado. - DIVERSITY AND DISTRIBUTIONS 14: 472-482.	13	regional

Diversity & Distributions	Figueiredo, MSL; Grelle, CEV (2009): Predicting global abundance of a threatened species from its occurrence: implications for conservation planning. - DIVERSITY AND DISTRIBUTIONS 15: 117-121.	8, 10, 11, 12	regional
Diversity & Distributions	Fischer, J; Lindenmayer, DB; Montague-Drake, R (2008): The role of landscape texture in conservation biogeography: a case study on birds in south-eastern Australia. - DIVERSITY AND DISTRIBUTIONS 14: 38-46.	8, 9, 12	regional
Diversity & Distributions	Franklin, J; Wejnert, KE; Hathaway, SA; Rochester, CJ; Fisher, RN (2009): Effect of species rarity on the accuracy of species distribution models for reptiles and amphibians in southern California. - DIVERSITY AND DISTRIBUTIONS 15: 167-177.	S	regional
Diversity & Distributions	Gibson, L; Barrett, B; Burbidge, A (2007): Dealing with uncertain absences in habitat modelling: a case study of a rare ground-dwelling parrot. - DIVERSITY AND DISTRIBUTIONS 13: 704-713.	7	regional
Diversity & Distributions	Grey, EK (2009): Scale-dependent relationships between native richness, resource stability and exotic cover in dock fouling communities of Washington, USA. - DIVERSITY AND DISTRIBUTIONS 15: 1073-1080.	1	regional
Diversity & Distributions	Guisan, A; Graham, CH; Elith, J; Huettmann, F (2007): Sensitivity of predictive species distribution models to change in grain size. - DIVERSITY AND DISTRIBUTIONS 13: 332-340.	6, 8, 10	regional
Diversity & Distributions	Knapp, S; Kuhn, I; Bakker, JP; Kleyer, M; Klotz, S; Ozinga, WA; Poschlod, P; Thompson, K; Thuiller, W; Romermann, C (2009): How species traits and affinity to urban land use control large-scale species frequency. - DIVERSITY AND DISTRIBUTIONS 15: 533-546.	10	national
Diversity & Distributions	Kuhn, I (2007): Incorporating spatial autocorrelation may invert observed patterns. - DIVERSITY AND DISTRIBUTIONS 13: 66-69.	10	national
Diversity & Distributions	Lambdon, PW; Lloret, F; Hulme, PE (2008): Do non-native species invasions lead to biotic homogenization at small scales? The similarity and functional diversity of habitats compared for alien and native components of Mediterranean floras. - DIVERSITY AND DISTRIBUTIONS 14: 774-785.	10, 11	multi-national
Diversity & Distributions	Lira-Noriega, A; Soberon, J; Navarro-Siguenza, AG; Nakazawa, Y; Peterson, AT (2007): Scale dependency of diversity components estimated from primary biodiversity data and distribution maps. - DIVERSITY AND DISTRIBUTIONS 13: 185-195.	9, 10, 11	regional

Diversity & Distributions	Lobo, JM; Baselga, A; Hortal, J; Jimenez-Valverde, A; Gomez, JF (2007): How does the knowledge about the spatial distribution of Iberian dung beetle species accumulate over time?. - DIVERSITY AND DISTRIBUTIONS 13: 772-780.	10	multi-national
Diversity & Distributions	Marmion, M; Parviainen, M; Luoto, M; Heikkinen, RK; Thuiller, W (2009): Evaluation of consensus methods in predictive species distribution modelling. - DIVERSITY AND DISTRIBUTIONS 15: 59-69.	7	regional
Diversity & Distributions	Osborne, PE; Foody, GM; Suarez-Seoane, S (2007): Non-stationarity and local approaches to modelling the distributions of wildlife. - DIVERSITY AND DISTRIBUTIONS 13: 313-323.	8, 10	regional, national
Diversity & Distributions	Osborne, PE; Leitao, PJ (2009): Effects of species and habitat positional errors on the performance and interpretation of species distribution models. - DIVERSITY AND DISTRIBUTIONS 15: 671-681.	8	regional
Diversity & Distributions	Tsoar, A; Allouche, O; Steinitz, O; Rotem, D; Kadmon, R (2007): A comparative evaluation of presence-only methods for modelling species distribution. - DIVERSITY AND DISTRIBUTIONS 13: 397-405.	8	national
Diversity & Distributions	Williams, JN; Seo, CW; Thorne, J; Nelson, JK; Erwin, S; O'Brien, JM; Schwartz, MW (2009): Using species distribution models to predict new occurrences for rare plants. - DIVERSITY AND DISTRIBUTIONS 15: 565-576.	6	regional
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