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## TOWARD A METABOLIC THEORY OF ECOLOGY

DOI: 10.1890/03-9000  
Ecology, 2004, 85, 1771-1789.

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**Version:** 2024-04-23

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1372	Higher temperature reduces the effects of litter quality on decomposition by aquatic fungi. <b>2012</b> , 57, 2306-2317		54
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1364	Plankton and particle size and packaging: from determining optical properties to driving the biological pump. <b>2012</b> , 4, 263-90	73
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962	The metabolism and growth of web forums. <b>2014</b> , 9, e102646	13
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949	The middle Eocene climatic optimum (MECO): A multiproxy record of paleoceanographic changes in the southeast Atlantic (ODP Site 1263, Walvis Ridge). <b>2014</b> , 29, 1143-1161	54
948	Predator-driven intra-species variation in locomotion, metabolism and water velocity preference in pale chub ( <i>Zacco platypus</i> ) along a river. <b>2015</b> , 218, 255-64	23
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942	Basal metabolic rate and maternal energetic investment durations in mammals. <b>2014</b> , 14, 194	7
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931	Toward predicting community-level effects of climate: relative temperature scaling of metabolic and ingestion rates. <i>Ecology</i> , <b>2014</b> , 95, 2657-2668	4.6	43
930	Evidence of temperature-independent metabolic rates in diurnal Namib Desert tenebrionid beetles. <b>2014</b> , 39, 254-262		4
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926	Warmer temperatures increase disease transmission and outbreak intensity in a host-pathogen system. <b>2014</b> , 83, 838-49		36
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916	Litter elemental stoichiometry and biomass densities of forest soil invertebrates. <b>2014</b> , 123, 1212-1223		42
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914	Establishing macroecological trait datasets: digitalization, extrapolation, and validation of diet preferences in terrestrial mammals worldwide. <b>2014</b> , 4, 2913-30	74
913	Estimating the spatial distribution of wintering little brown bat populations in the eastern United States. <b>2014</b> , 4, 3746-54	5
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909	Oxidative stress as a cost of reproduction: beyond the simplistic trade-off model. <b>2014</b> , 36, 93-106	149
908	Metabolic acceleration in the pond snail <i>Lymnaea stagnalis</i> ?. <b>2014</b> , 94, 84-91	8
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905	Thermal change alters the outcome of behavioural interactions between antagonistic partners. <b>2014</b> , 39, 578-588	19
904	The actively foraging desert lizard <i>Pedioplanis husabensis</i> (Husab Sand Lizard) behaviorally optimizes its energetic economy. <b>2014</b> , 92, 905-913	5
903	Barn Swallow <i>Hirundo rustica</i> parents work harder when foraging conditions are good. <b>2014</b> , 156, 777-787	18
902	Nucleic acid content in crustacean zooplankton: bridging metabolic and stoichiometric predictions. <b>2014</b> , 9, e86493	15
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895	New approaches to simulating the complex interaction effects of multiple human impacts on the marine environment. <b>2014</b> , 71, 764-774		19
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891	When does diversity matter? Species functional diversity and ecosystem functioning across habitats and seasons in a field experiment. <b>2014</b> , 83, 460-9		47
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888	Sustainable systems promote wholeness-extending transformations: The contributions of systems thinking. <b>2014</b> , 293, 42-48		11
887	Effect of temperature extremes on the spatial dynamics of predator-prey interactions: A case study with dragonfly nymphs and newt larvae. <b>2014</b> , 39, 12-16		13
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884	Metabolic ecology. <b>2014</b> , 83, 7-19		42
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877	Generalities in grazing and browsing ecology: using across-guild comparisons to control contingencies. <b>2014</b> , 174, 1075-83	41
876	Time rescaling and pattern formation in biological evolution. <b>2014</b> , 123, 19-26	21
875	Phylogenetic approaches for studying diversification. <b>2014</b> , 17, 508-25	244
874	Are Calanus spp. shifting poleward in the North Atlantic? A habitat modelling approach. <b>2014</b> , 71, 241-253	62
873	Influences of body mass, temperature, oxygen tension, and salinity on respiratory oxygen consumption of cyprinodontoid fishes of three families. <b>2014</b> , 24, 269-315	5
872	The thermal tolerance of crown-of-thorns ( <i>Acanthaster planci</i> ) embryos and bipinnaria larvae: implications for spatial and temporal variation in adult populations. <b>2014</b> , 33, 207-219	40
871	Mortality effects of the parasitoid flesh fly <i>Blaesoxipha japonensis</i> (Diptera: Sarcophagidae) in relation to body size of the adult grasshopper <i>Parapodisma tanbaensis</i> (Orthoptera: Catantopidae). <b>2014</b> , 49, 171-176	4
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869	Body mass and excretion of phosphorus in aquatic invertebrates. <b>2014</b> , 41, 98-102	2
868	Changes in Ecosystem Function Across Sedimentary Gradients in Estuaries. <b>2014</b> , 17, 182-194	61
867	Effect of experimental and seasonal warming on litter decomposition in a temperate stream. <b>2014</b> , 76, 155-163	32
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860	A test of the metabolic theory of ecology with two longevity data sets reveals no common cause of scaling in biological times. <b>2014</b> , 44, 204-214		17
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858	Productivity affects the densityâbody mass relationship of soil fauna communities. <b>2014</b> , 72, 203-211		10
857	Regulation of bacterioplankton activity in Fram Strait (Arctic Ocean) during early summer: The role of organic matter supply and temperature. <b>2014</b> , 132, 83-94		37
856	Integrating comparative functional response experiments into global change research. <b>2014</b> , 83, 525-7		3
855	Holding our breath in our modern world: will mitochondria keep the pace with climate changes?. <b>2014</b> , 92, 591-601		51
854	Does climate limit species richness by limiting individual species' ranges?. <b>2014</b> , 281, 20132695		37
853	Taxonomic and functional successional patterns in macroinvertebrates related to flying dispersal abilities: a case study from isolated manmade ponds at reclaimed opencast coal mines. <b>2014</b> , 732, 111-122		5
852	Why marine islands are farther apart in the tropics. <b>2014</b> , 183, 842-6		12
851	Linking secondary structure of individual size distribution with nonlinear size-trophic level relationship in food webs. <i>Ecology</i> , <b>2014</b> , 95, 897-909	4.6	24
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845	Behavior and nutritional condition buffer a large-bodied endotherm against direct and indirect effects of climate. <b>2014</b> , 84, 513-532		82
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837	A simplified method to estimate body growth parameters of the European eel <i>Anguilla anguilla</i> . <b>2014</b> , 85, 978-84		3
836	Morphology, metabolism and behaviour: responses of three fishes with different lifestyles to acute hypoxia. <b>2014</b> , 59, 819-831		17
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829	The effects of constant and diel-fluctuating temperature acclimation on the thermal tolerance, swimming capacity, specific dynamic action and growth performance of juvenile Chinese bream. <b>2014</b> , 176, 32-40		16
828	Life in a warming ocean: thermal thresholds and metabolic balance of arctic zooplankton. <b>2014</b> , 36, 3-10		44
827	Capital versus income breeding in a seasonal environment. <b>2014</b> , 184, 466-76		51
826	The metabolic pace-of-life model: incorporating ectothermic organisms into the theory of vertebrate ecoimmunology. <b>2014</b> , 54, 387-95		29
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823	Ecological stability in response to warming. <b>2014</b> , 4, 206-210	114
822	On Theory in Ecology. <b>2014</b> , 64, 701-710	131
821	Euphausiid respiration model revamped: Latitudinal and seasonal shaping effects on krill respiration rates. <b>2014</b> , 291, 233-241	7
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819	Reprint of "Zooplankton biomass and electron transport system activity around the Balearic Islands (western Mediterranean)" <b>2014</b> , 138, 95-103	2
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816	Convergence of terrestrial plant production across global climate gradients. <b>2014</b> , 512, 39-43	195
815	One size fits all: stability of metabolic scaling under warming and ocean acidification in echinoderms. <b>2014</b> , 161, 2131-2142	13
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812	Enhanced acidification of global coral reefs driven by regional biogeochemical feedbacks. <b>2014</b> , 41, 5538-5546	44
811	Plankton metabolism and bacterial growth efficiency in offshore waters along a latitudinal transect between the UK and Svalbard. <b>2014</b> , 92, 141-151	18
810	Towards a mechanistic understanding of temperature and enrichment effects on species interaction strength, omnivory and food-web structure. <b>2014</b> , 17, 785-93	50
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808	Understanding how lake populations of arctic char are structured and function with special consideration of the potential effects of climate change: a multi-faceted approach. <b>2014</b> , 176, 81-94	20
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806	Limits to local adaptation: some impacts of temperature on <i>Nucella emarginata</i> differ among populations, while others do not. <b>2014</b> , 161, 1943-1948	3
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803	Consequences of climate and body size on the foraging performance of seed-eating ants. <b>2014</b> , 39, 427-435	13
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801	The GR3D model, a tool to explore the Global Repositioning Dynamics of Diadromous fish Distribution. <b>2014</b> , 283, 31-44	10
800	Towards an energetic landscape: broad-scale accelerometry in woodland caribou. <b>2014</b> , 83, 916-22	24
799	Explaining bathymetric diversity patterns in marine benthic invertebrates and demersal fishes: physiological contributions to adaptation of life at depth. <b>2014</b> , 89, 406-26	86
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795	Biogeographic, climatic and spatial drivers differentially affect $\beta$ and $\alpha$ diversities on oceanic archipelagos. <b>2014</b> , 281, 20133246	41
794	Plankton community and bacterial metabolism in Arctic sea ice leads during summer 2010. <b>2014</b> , 92, 152-161	5
793	Temperature affects leaf litter decomposition in low-order forest streams: field and microcosm approaches. <b>2014</b> , 87, 257-67	74
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790	A walk on the tundra: Host-parasite interactions in an extreme environment. <b>2014</b> , 3, 198-208	39
789	Effects of climate change on trait-based dynamics of a top predator in freshwater ecosystems. <b>2014</b> , 183, 243-56	40



788	Shifts in mass scaling of respiration, feeding, and growth rates across life-form transitions in marine pelagic organisms. <b>2014</b> , 183, E118-30		96
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786	Common patterns of energy flow and biomass distribution on weighted food webs. <b>2014</b> , 405, 278-288		7
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779	Dinosaur physiology. Evidence for mesothermy in dinosaurs. <b>2014</b> , 344, 1268-72		104
778	How body mass and lifestyle affect juvenile biomass production in placental mammals. <b>2014</b> , 281, 20132818		13
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776	Life-history implications of the allometric scaling of growth. <b>2014</b> , 359, 199-207		25
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774	Trout reverse the effect of water temperature on the foraging of a mayfly. <b>2014</b> , 175, 997-1003		5
773	Correlation between interaction strengths drives stability in large ecological networks. <b>2014</b> , 17, 1094-100		76
772	Scaling metabolism from individuals to reef-fish communities at broad spatial scales. <b>2014</b> , 17, 1067-76		59
771	Contrasting life histories in shipworms: Growth, reproductive development and fecundity. <b>2014</b> , 459, 80-86		15

770	Bridging the gap between marine biogeochemical and fisheries sciences; configuring the zooplankton link. <b>2014</b> , 129, 176-199	100
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