

References

Alroy J, Marshall CR, Bambach RK, Bezusko K, Foote M, Fursich FT, Hansen TA, Hollard SM, Ivany LC, Jablonski D, Jacobs DK, Jones DC, Kosnik MA, Lidgard S, Low S, Miller AI, Novack-Gottshall PM, Olszewski TD, Patzkowsky ME, Raup DM, Roy K, Sepkoski JJ, Sommers MG, Wagner PJ, Webber A (2001). Effects of sampling standardization on estimates of Phanerozoic marine diversification. *Proceedings of the National Academy of Sciences* **98**(11), 6261-6266.

This paper is part of the fourth meeting, the second part of the methodology discussion.

Arakiki M, Christin P-A, Nyffeler R, Lendel A, Eggli U, Ogburn RM, Spriggs E, Moore MJ, Edwards EJ (2011). Contemporaneous and recent radiations of the world's major succulent plant lineages. *Proceedings of the National Academy of Sciences* **108** (20), 8379-8384.

This paper is part of the first meeting, the overview discussion.

Brayard A, Bucher H, Escarguel G, Fluteau F, Bouquin S, Galfetti T (2006). The Early Triassic ammonoid recovery: Paleoclimatic significance of diversity gradients. *Palaeogeography, Palaeoclimatology, Palaeoecology* **239**, 374–395.

This paper is part of the eighth meeting, the discussion focused upon climate change implications.

Bulte E, Horan RD, Shogren JF (2006). Megafauna extinction: A paleoeconomic theory of human overkill in the Pleistocene. *Journal of Economic Behavior and Organization* **59**, 297-323.

This paper is part of the second meeting, the discussion of current research applications.

Blois JL (2012). Stemming “ignorance creep” in paleoecology and biogeography. *Frontiers of Biogeography* **4**(3), 93-94.

This paper is part of the first meeting, the overview discussion.

Dawson MN, Algar AC, Antonelli A, Davalos LM, Davis E, Early R, Guisan A, Jansson R, Lessard J-P, Marske KA, McGuire JL, Stigall AL, Swenson NG, Zimmerman NE, Gavin DG (2013). An horizon scan of biogeography. *Frontiers of Biogeography* **5**(2), 130-157.

This paper is part of the first meeting, the overview discussion.

Dietl GP, Kidwell SM, Brenner M, Burney DA, Flessa KW, Jackson ST, Koch PL (2015). Conservation Paleobiology: Leveraging Knowledge of the Past to Inform Conservation and Restoration. *Annual Review of Earth and Planetary Sciences* **43**, 79-103.

This paper is part of the second meeting, the discussion of current research applications.

Dornburg A, Beaulieu JM, Oliver JC, Near TJ (2011). Integrating Fossil Preservation Biases in the Selection of Calibrations for Molecular Divergence Time Estimation. *Systematic Biology* **60**(4), 519-527.

This paper is part of the third meeting, the first part of the methodology discussion.

Finnegan S, Heim NA, Peters SE, Fischer WW (2012). Climate change and the selective signature of the Late Ordovician mass extinction. *Proceedings of the National Academy of Sciences* **109**(18), 6829-6834.

This paper is part of the eighth meeting, the discussion focused upon climate change implications.

Galfetti T, Bucher H, Brayard A, Hochuli PA, Weissert H, Guodun K, Atudorei V, Guex J (2007). Late Early Triassic climate change: Insights from carbonate carbon isotopes, sedimentary evolution and ammonoid paleobiogeography. *Palaeogeography, Palaeoclimatology, Palaeoecology* **243**, 394–411.

This paper is part of the eighth meeting, the discussion focused upon climate change implications.

Goudemand N, Romano C, Brayard A, Hochuli PA, Bucher H (2013). Comment on “Lethally Hot Temperatures During the Early Triassic Greenhouse.” *Science* **339**, 1033-c.

This paper is part of the sixth meeting, the specific extinction and disturbance discussion.

Hanna E, Cardillo M (2014). Island mammal extinctions are determined by interactive effects of life history, island biogeography and mesopredator suppression. *Global Ecology and Biogeography* **23**, 395-404.

This paper is part of the fifth meeting, the general extinction and disturbance discussion.

Heads M (2005). Dating nodes on molecular phylogenies: a critique of molecular biogeography. *Cladistics* **21**, 62-78.

This paper is part of the third meeting, the first part of the methodology discussion.

Ho SYW, Tong KJ, Foster CSP, Ritchie AM, Lo N, Crisp MD (2015). Biogeographic calibrations for the molecular clock. *Biology Letters* **11**, 20150194.

This paper is part of the third meeting, the first part of the methodology discussion.

Holt BG, Lessard J-P, Borregaard MK, Fritz SA, Araujo MB, Dimitrov D, Fabre P-H, Graham CH, Graves GR, Jonsson KA, Nogues-Bravo D, Wang Z, Whittaker Rj, Fjeldsa J, Rahbek C (2013). An Update of Wallace's Zoogeographic Regions of the World. *Science* **339**, 74-78.

This paper is part of the seventh meeting, the discussion focused upon spatiality and regionality.

-- (2013). Response to Comment on "An Update of Wallace's Zoogeographic Regions of the World." *Science* **341**, 343-d.

This paper is part of the seventh meeting, the discussion focused upon spatiality and regionality.

Horan RD, Shogren JF, Bulte E (2003). A paleoeconomic theory of co-evolution and extinction of domesticatable animals. *Scottish Journal of Political Economy* **50**(2), 131-148.

This paper is part of the second meeting, the discussion of current research applications.

Huang S, Roy K, Jablonski D (2014). Do past climate states influence diversity dynamics and the present-day latitudinal diversity gradient? *Global Ecology and Biogeography* **23**, 530-540.

This paper is part of the seventh meeting, the discussion focused upon spatiality and regionality.

Hull P (2015). Life in the Aftermath of Mass Extinctions. *Current Biology* **25**, R941-R952.

This paper is part of the fifth meeting, the general extinction and disturbance discussion.

Irmis RB, Whiteside JH (2012). Delayed recovery of non-marine tetrapods after the end-Permian mass extinction tracks global carbon cycle. *Proceedings of the Royal Society B: Biological Sciences* **279**, 1310-1318.

This paper is part of the eighth meeting, the discussion focused upon climate change implications.

Kelley PH, Fastovsky DE, Wilson MA, Laws RA, Raymond A (2013). From paleontology to paleobiology: A half-century of progress in understanding life history. *Geological Society of America Special Papers* **500**, 191-232.

This paper is part of the first meeting, the overview discussion.

Kohn MJ (2010). Carbon isotope compositions of terrestrial C3 plants as indicators of (paleo)ecology and (paleo)climate. *Proceedings of the National Academy of Sciences* **107**(46), 19691-19695.

This paper is part of the fourth meeting, the second part of the methodology discussion.

Kreft H, Jetz W (2013). Comment on “An Update of Wallace’s Zoogeographic Regions of the World.” *Science* **341**, 343-c.

This paper is part of the seventh meeting, the discussion focused upon spatiality and regionality.

Krug AZ, Jablonski D (2012). Long-term origination rates are reset only at mass extinctions. *Geology* **40**(8), 731-734.

This paper is part of the fifth meeting, the general extinction and disturbance discussion.

Lawing AM, Matzke NJ (2014). Conservation paleobiology needs phylogenetic methods. *Ecography* **37**, 1109-1122.

This paper is part of the second meeting, the discussion of current research applications.

Lees JA (2002). Calcareous nannofossil biogeography illustrates palaeoclimate change in the Late Cretaceous Indian Ocean. *Cretaceous Research* **23**, 537-634.

This paper is part of the eighth meeting, the discussion focused upon climate change implications.

Lieberman BS (2002). Phylogenetic biogeography with and without the fossil record: gauging the effects of extinction and paleontological incompleteness. *Palaeogeography, Palaeoclimatology, Palaeoecology* **178**, 39-52.

This paper is part of the fourth meeting, the second part of the methodology discussion.

Longrich NR, Bhullar B-AS, Gauthier JA (2012). Mass extinction of lizards and snakes at the Cretaceous–Paleogene boundary. *Proceedings of the National Academy of Sciences* **109**(52), 21396-21401.

This paper is part of the sixth meeting, the specific extinction and disturbance discussion.

Mannion PD, Upchurch P, Benson RBJ, Goswami A (2014). The latitudinal biodiversity gradient through deep time. *Trends in Ecology & Evolution* **29**(1), 42-50.

This paper is part of the seventh meeting, the discussion focused upon spatiality and regionality.

Markwick PJ (1998). Fossil crocodylians as indicators of Late Cretaceous and Cenozoic climates: implications for using palaeontological data in reconstructing palaeoclimate. *Palaeogeography, Palaeoclimatology, Palaeoecology* **137**, 205-271.

This paper is part of the eighth meeting, the discussion focused upon climate change implications.

McGuire JL, Davis EB (2014). Conservation paleobiogeography: the past, present and future of species distributions. *Ecography* **37**, 1092-1094.

This paper is part of the second meeting, the discussion of current research applications.

Mitchell FJG (2010). Exploring vegetation in the fourth dimension. *Trends in Ecology and Evolution* **26**(1), 45-52.

This paper is part of the first meeting, the overview discussion.

Myers CE, MacKenzie RA, Lieberman BS (2013). Greenhouse biogeography: the relationship of geographic range to invasion and extinction in the Cretaceous Western Interior Seaway. *Paleobiology* **39**(1). 135-148.

This paper is part of the sixth meeting, the specific extinction and disturbance discussion.

Nicholls EL, Russel AP (1990). Paleobiogeography of the Cretaceous Western Interior Seaway of North America: the vertebrate evidence. *Palaeogeography, Palaeoclimatology, Palaeoecology* **79**, 149-169.

This paper is part of the fourth meeting, the second part of the methodology discussion.

Quental TB, Marshall CR (2013). How the Red Queen Drives Terrestrial Mammals to Extinction. *Science* **341**, 290-292.

This paper is part of the fifth meeting, the general extinction and disturbance discussion.

Regnier C, Achaz G, Lambert A, Cowie RH, Bouchert P, Fontaine B (2015). Mass extinction in poorly known taxa. *Proceedings of the National Academy of Sciences* **112**(25), 7761-7766.

This paper is part of the fifth meeting, the general extinction and disturbance discussion.

Rull V, Vegas-Vilarrubia T (2011). What is long-term in ecology? *Trends in Ecology and Evolution* **26**(1), 3-4.

This paper is part of the first meeting, the overview discussion.

Sun Y, Joachimski MM, Wignall PB, Yan C, Chen Y, Jiang H, Wang L, Lai X (2013). Response to Comment on “Lethally Hot Temperatures During the Early Triassic Greenhouse.” *Science* **399**, 1033-d.

This paper is part of the sixth meeting, the specific extinction and disturbance discussion.

-- (2012). Lethally Hot Temperatures During the Early Triassic Greenhouse. *Science* **338**, 366-370.

This paper is part of the sixth meeting, the specific extinction and disturbance discussion.

Vajda V, Bercovici A (2014). The global vegetation pattern across the Cretaceous–Paleogene mass extinction interval: A template for other extinction events. *Global and Planetary Change* **122**, 29-49.

This paper is part of the sixth meeting, the specific extinction and disturbance discussion.

Varela S, Lobo JM, Hortal J (2011). Using species distribution models in paleobiogeography: A matter of data, predictors and concepts. *Palaeobiogeography, Palaeoclimatology, Palaeoecology* **310**, 451-463.

This paper is part of the fourth meeting, the second part of the methodology discussion.

Vilhena DA, Harris EB, Bergstrom CT, Maliska ME, Ward PD, Sidor CA, Stromberg CA, Wilson GP (2013). Bivalve network reveals latitudinal selectivity gradient at the end-Cretaceous mass extinction. *Nature Scientific Reports* **3**(1790), 1-5.

This paper is part of the seventh meeting, the discussion focused upon spatiality and regionality.

Wilf P, Escapa IH (2014). Green Web or megabiased clock? Plant fossils from Gondwanan Patagonia speak on evolutionary radiations. *New Phytologist* **207**, 283-290.

This paper is part of the third meeting, the first part of the methodology discussion.

Wilf P, Cuneo NR, Escapa IH, Pol D, Woodburne MO (2013). Splendid and Seldom Isolated: The Paleobiogeography of Patagonia. *Annual Review of Earth and Planetary Sciences* **41**, 561-603.

This paper is part of the third meeting, the first part of the methodology discussion.

Wood JR, Wilmschurst JM, Worthy TH, Holzapfel AS, Cooper A (2011). A Lost Link between a Flightless Parrot and a Parasitic Plant and the Potential Role of Coprolites in Conservation Paleobiology. *Conservation Biology* **26**(6), 1091-1099.

This paper is part of the second meeting, the discussion of current research applications.