

- Bergmann, C., 1847. Ueber die Verhältnisse der Waermeökonomie der Thiere zu ihrer Grösse. *Goettinger Studien* 3, 595–708.
- Bess, E.C., Catanach, T.A., Johnson, K.P., 2013. The importance of molecular dating analyses for inferring Hawaiian biogeographical history: A case study with bark lice (Psocidae: *Phytola*). *Journal of Biogeography* 41, 158–167.
- Blackburn, T.M., Hawkins, B.A., 2004. Bergmann's rule and the mammal fauna of northern North America. *Ecography* 27, 715–724.
- Brooks, D.R., 1988. Scaling effects in historical biogeography: A new view of space, time, and form. *Systematic Biology* 37, 237–244.
- Brown, W.L., Wilson, E.O., 1956. Character displacement. *Systematic Zoology* 5, 49–64.
- Brown, J.H., 1995. *Macroecology*. Chicago, IL: University of Chicago Press.
- Bowen, L., Van Vuren, D., 1997. Insular endemic plants lack defenses against herbivores. *Conservation Biology* 11, 1249–1254.
- Brown, J.H., Gillooly, J.F., Allen, A.P., Savage, V.M., West, G.B., 2004. Toward a metabolic theory of ecology. *Ecology* 85, 1771–1789.
- Carlquist, S., 1967. The biota of long-distance dispersal. V. Plant dispersal to Pacific Islands. *Bulletin of the Torrey Botanical Club* 94, 129–162.
- Carlquist, S., 1974. *Island Biology*. New York, NY; London: Columbia University Press.
- Caujape-Castells, J., Tye, A., Crawford, D.J., *et al.*, 2010. Conservation of oceanic island floras: Present and future global challenges. *Perspectives in Plant Ecology, Evolution and Systematics* 12, 107–129.
- Clusella-Trullas, S., van Wyk, J.H., Spotila, J.R., 2007. Thermal melanism in ectotherms. *Journal of Thermal Biology* 32, 235–245.
- Cody, M.L., Overton, J.M., 1996. Short-term evolution of reduced dispersal in island plant populations. *Journal of Ecology* 84, 53–61.
- Colwell, R.K., Rahbek, C., Gotelli, N.J., 2004. The mid-domain effect and species richness patterns: What have we learned so far? *American Naturalist* 163, 1–23.
- Cook, B.D., Pringle, C.M., Hughes, J.M., 2008. Molecular evidence for sequential colonization and taxon cycling in freshwater decapod shrimps on a Caribbean island. *Molecular Ecology* 17, 1066–1075.
- Cracraft, J., 1994. Species diversity, biogeography, and the evolution of biotas. *American Zoologist* 34, 33–47.
- Darwin, C., 1859. *The Origin of Species*. London: Reprinted by Penguin Books.
- De Micco, V., Aronne, G., 2012. Morpho-anatomical traits for plant adaptation to drought. In: Arco, R. (Ed.), *Plant Responses to Drought Stress*. Berlin; Heidelberg: Springer, pp. 37–61.
- Duncan, R.P., Blackburn, T.M., 2004. Extinction and endemism in the New Zealand avifauna. *Global Ecology and Biogeography* 13, 509–517.
- Economo, E.P., Sarnat, E.M., 2012. Revisiting the ants of Melanesia and the taxon cycle: Historical and human-mediated invasions of a tropical archipelago. *American Naturalist* 180, 1–16.
- Evans, K.L., Newson, S.E., Storch, D., Greenwood, J.J., Gaston, K.J., 2008. Spatial scale, abundance and the species-energy relationship in British birds. *Journal of Animal Ecology* 77, 395–405.
- Fernández-Palacios, J.M., de Nascimento, L., Otto, R., *et al.*, 2011. A reconstruction of Palaeo-Macaronesia, with particular reference to the long-term biogeography of the Atlantic island laurel forests. *Journal of Biogeography* 38, 226–246.
- Fine, P.V.A., 2015. Ecological and evolutionary drivers of geographic variation in species diversity. *Annual Review of Ecology, Evolution, and Systematics*. doi:10.1146/annurev-ecolsys-112414-054102.
- Fine, P.V.A., Ree, R.H., 2006. Evidence for a time-integrated species-area effect on the latitudinal gradient in tree diversity. *American Naturalist* 168, 796–804.
- Fleishman, E., Austin, G.T., Weiss, A.D., 1998. An empirical test of Rapoport's rule: Elevational gradients in montane butterfly communities. *Ecology* 79, 2482–2493.
- Flenley, J.R., 2011. Why is pollen yellow? and why are there so many species in the tropical rain forest? *Journal of Biogeography* 38, 809–816.
- Frederickson, M., Greene, T.M., Gordon, D., 2005. Devil's gardens' bedeviled by ants. *Nature* 437, 495–496.
- Fukami, T., 2015. Historical contingency in community assembly: Integrating niches, species pools, and priority effects. *Annual Review of Ecology Evolution and Systematics* 46. doi:10.1146/annurev-ecolsys-110411-160340.
- Funk, V.A., Wagner, W.L., 1995. Biogeographic patterns in the Hawaiian archipelago. In: Wagner, W.L., Funk, V.A. (Eds.), *Hawaiian Biogeography: Evolution on a Hot Spot Archipelago*. Washington, DC: Smithsonian Institution Press, pp. 379–419.
- Gaston, K.J., Blackburn, T.M., Spicer, J.I., 1998. Rapoport's rule: Time for an epitaph? *Trends in Ecology and Evolution* 13, 70–74.
- Gaston, K.J., 2000. Global patterns in biodiversity. *Nature* 405, 220–227.
- Gell-Mann, M., 1994. Complex adaptive systems. In: Cowan, D., Pine, D., Meltzer, D. (Eds.), *Complexity: Metaphors, Models, and Reality*. Boston, MA: Addison-Wesley, pp. 17–45. *SFI Studies in the Sciences of Complexity*, Proc. Vol. XIX.
- Ghalambor, C.K., Huey, R.B., Martin, P.R., Tewksbury, J.J., Wang, G., 2006. Are mountain passes higher in the tropics? Janzen's hypothesis revisited. *Integrative and Comparative Biology* 46, 5–17.
- Gillespie, R.G., Baldwin, B.G., Waters, J.M., *et al.*, 2012. Long-distance dispersal – a framework for hypothesis testing. *Trends in Ecology & Evolution* 27, 47–56.
- Gillespie, R.G., Roderick, G.K., 2014. Evolution: Geology and climate drive diversification. *Nature* 509, 297–298.
- Gillooly, J.F., Allen, A.P., Savage, V.-M., West, G.B., 2004. Towards a metabolic theory of ecology. *Ecology* 85, 1771–1789.
- Gohli, J., Leder, E.H., Garcia del Rey, E., *et al.*, 2015. The evolutionary history of Afrocanarian blue tits inferred from genome-wide SNPs. *Molecular Ecology* 24, 180–191.
- Guimarães Jr, P.R., Jordano, P., Thompson, J.N., 2011. Evolution and coevolution in mutualistic networks. *Ecology Letters* 14, 877–885.
- Gunderson, L.H., Holling, C.S., 2002. *Panarchy: Understanding Transformations in Human and Natural Systems*. Washington, DC: Island Press.
- Hamann, O., 2001. Demographic studies of three indigenous stand-forming plant taxa (*Scaevola*, *Opuntia*, and *Bursera*) in the Galápagos Islands, Ecuador. *Biodiversity and Conservation* 10, 223–250.
- Harmon, L.J., Harrison, S., 2015. Species diversity is dynamic and unbounded at local and continental. *American Naturalist* 185, 584–593.
- Harter, D.E., Irl, S.D., Seo, B., *et al.*, 2015. Impacts of global climate change on the floras of oceanic islands – Projections, implications and current knowledge. *Perspectives in Plant Ecology, Evolution and Systematics* 17, 160–183.
- Heleno, R., Vargas, P., 2015. How do islands become green? *Global Ecology and Biogeography* 24, 518–526.
- Hermes, K., 1955. Lage der oberen Waldgrenze in den Gebirgen der Erde und ihr Abstand zur Schneegrenze. *Kölner Geographische Abhandlungen* 5, 255 pp.
- Hillebrand, H., 2004. On the generality of the latitudinal diversity gradient. *American Naturalist* 163, 192–211.
- Hoagstrom, C.W., Ung, V., Taylor, K., 2014. Miocene rivers and taxon cycles clarify the comparative biogeography of North American highland fishes. *Journal of Biogeography* 41, 644–658.
- Hoch, G., Körner, C., 2005. Growth, demography and carbon relations of *Polylepis* trees at the world's highest treeline. *Functional Ecology* 19, 941–951.
- Holtmeier, F.K., 2009. *Mountain Timberlines: Ecology, Patchiness, and Dynamics*. Berlin: Springer Science & Business Media.
- Irl, S.D.H., Anthelme, F., Harter, D.E., *et al.*, 2015. Patterns of island treeline elevation – a global perspective. *Ecography*. doi:10.1111/ecog.01266.
- Irl, S.D.H., Steinbauer, M.J., Messinger, J., *et al.*, 2014. Burned and devoured – Introduced herbivores, fire and the endemic flora of the high elevation ecosystem on La Palma, Canary Islands. *Arctic Antarctic and Alpine Research* 46, 859–869.
- Jacquemyn, H., Honnay, O., Paillet, T., 2007. Range size variation, nestedness and species turnover of orchid species along an altitudinal gradient on Réunion Island: Implications for conservation. *Biological Conservation* 136, 388–397.
- Janzen, D.H., 1967. Why mountain passes are higher in the tropics. *American Naturalist* 101, 233–249.
- Jönsson, K.A., Irestedt, M., Christidis, L., *et al.*, 2014. Evidence of taxon cycles in an Indo-Pacific passerine bird radiation (Aves: *Pachycephala*). *Proceedings of the Royal Society of London B: Biological Sciences* 281, 20131727.
- Karger, D.N., Kluge, J., Krömer, T., *et al.*, 2011. The effect of area on local and regional elevational patterns of species richness. *Journal of Biogeography* 38, 1177–1185.
- Kier, G., Kreft, H., Lee, T.M., *et al.*, 2009. A global assessment of endemism and species richness across island and mainland regions. *Proceedings of the National Academy of Sciences* 106, 9322–9327.
- Kissling, W.D., Baker, W.J., Balslev, H., *et al.*, 2012. Quaternary and pre-quaternary historical legacies in the global distribution of a major tropical plant lineage. *Global Ecology and Biogeography* 21, 909–921.
- Körner, C., 2012. *Alpine Treelines: Functional Ecology of the Global High Elevation Tree Limits*. Berlin: Springer Science & Business Media.
- Körner, C., Paulsen, J., 2004. A world-wide study of high altitude treeline temperatures. *Journal of Biogeography* 31, 713–732.
- Kraft, N.J., Comita, L.S., Chase, J.M., *et al.*, 2011. Disentangling the drivers of beta diversity along latitudinal and elevational gradients. *Science* 333, 1755–1758.
- Kreft, H., Jetz, W., Mutke, J., Kier, G., Barthlott, W., 2008. Global diversity of island floras from a macroecological perspective. *Ecology Letters* 11, 116–127.
- Kueffer, C., Daehler, C.C., Torres-Santana, C.W., *et al.*, 2010. A global comparison of plant invasions on oceanic islands. *Perspectives in Plant Ecology, Evolution and Systematics* 12, 145–161.
- Lavergne, S., Thompson, J.D., Garnier, E., Debussche, M., 2004. The biology and ecology of narrow endemic and widespread plants: A comparative study of trait variation in 20 congeneric pairs. *Oikos* 107, 505–518.
- Lens, F., Davin, N., Smets, E., del Arco, M., 2013. Insular woodiness on the Canary Islands: A remarkable case of convergent evolution. *International Journal of Plant Sciences* 174, 992–1013.