Bruna, E. M., R. Chazdon, T. M. Errington, and B. A. Nosek. 2021. A proposal to advance theory and promote collaboration in tropical biology by supporting replications. *Biotropica*. 53(1): 6–1010.1111/btp.12912.

Smith, A. C., L. Merz, J. B. Borden, C. K. Gulick, A. R. Kshirsagar, and E. M. Bruna. 2021. Assessing the effect of article processing charges on the geographic diversity of authors using Elsevier's 'Mirror Journal' system. *Quantitative Science Studies*. 1–3810.1162/qss_a_00157.

Scott, E. R., M. Uriarte, and E. M. Bruna. 2021. Delayed effects of climate on vital rates lead to demographic divergence in Amazonian forest fragments. *Global Change Biology*. n/a(n/a): 10.1111/gcb.15900.

Mundim, F. M., E. H. M. Vieira-Neto, H. Alborn, and E. M. Bruna. 2021. Disentangling the influence of water limitation and simultaneous above and belowground herbivory on plant tolerance and resistance to stress. *Journal of Ecology*. 109(7): 2729–273910.1111/1365-2745.13684.

Beckman, N. G., C. E. Aslan, H. S. Rogers, O. Kogan, J. L. Bronstein, J. M. Bullock, F. Hartig, J. HilleRisLambers, Y. Zhou, D. Zurell, J. F. Brodie, E. M. Bruna, R. S. Cantrell, R. R. Decker, E. Efiom, E. C. Fricke, K. Gurski, A. Hastings, J. S. Johnson, B. A. Loiselle, M. N. Miriti, M. G. Neubert, L. Pejchar, J. R. Poulsen, G. Pufal, O. H. Razafindratsima, M. E. Sandor, K. Shea, S. Schreiber, E. W. Schupp, R. S. Snell, C. Strickland, and J. Zambrano. 2020. Advancing an interdisciplinary framework to study seed dispersal ecology. *AoB PLANTS*. 12(2): 10.1093/aobpla/plz048.

Costa, A. N., A. Bartimachi, H. L. Vasconcelos, E. M. Bruna, and E. H. Vieira-Neto. 2020. Annual litter production in a Brazilian Cerrado woodland savanna. *Southern Forests: a Journal of Forest Science*. 82(1): 65–6910.2989/20702620.2019.1686691.

Silva, L. V. B., H. L. Vasconcelos, M. C. Mack, A. de S. Ferreira, and E. M. Bruna. 2020. Effects of experimental nitrogen enrichment on soil properties and litter decomposition in a Neotropical savanna. *Austral Ecology*. 45(8): 1093–110210.1111/aec.12936.

Fournier, A. M. v., M. E. Boone, F. R. Stevens, and E. M. Bruna. 2020. Refsplitr: Author name disambiguation, author georeferencing, and mapping of coauthorship networks with Web of Science data. *Journal of Open Source Software*. 5(45): 202810.21105/joss.02028.

Powers, J. S., E. M. Bruna, A. Campos-Arceiz, P. Delamonica Sampaio, S. J. DeWalt, L. G. Lohmann, and R. A. Zahawi. 2020. Tropical biology and conservation in the time of the COVID-19 pandemic. *Biotropica*. 52(3): 399–39910.1111/btp.12802.

Johnson-Ulrich, L., and E. M. Bruna. 2019, October. Emilio Bruna. Project Biodiversify.

Costa, A. N., H. L. Vasconcelos, E. H. M. Vieira-Neto, and E. M. Bruna. 2019. Adaptive foraging of leaf-cutter ants to spatiotemporal changes in resource availability in Neotropical savannas. *Ecological Entomology*. 44(2): 227–23810.1111/een.12697.

Bruna, E. M. 2019. Biotropica: The next 50 years. *Biotropica*. 51(4): 10.1111/btp.12690.

Aslan, C., N. G. Beckman, H. S. Rogers, J. Bronstein, D. Zurell, F. Hartig, K. Shea, L. Pejchar, M. Neubert, J. Poulsen, J. HilleRisLambers, M. Miriti, B. Loiselle, E. Effiom, J. Zambrano, G. Schupp, G. Pufal, J. Johnson, J. M. Bullock, J. Brodie, E. Bruna, R. S. Cantrell, R. Decker, E. Fricke, K. Gurski, A. Hastings, O. Kogan, O. Razafindratsima, M. Sandor, S. Schreiber, R. Snell, C. Strickland, and Y. Zhou. 2019. Employing plant functional groups to advance seed dispersal ecology and conservation. *AoB PLANTS*. 11(2): 10.1093/aobpla/plz006.

Brooks, M. E., K. Kristensen, M. R. Darrigo, P. Rubim, M. Uriarte, E. Bruna, and B. M. Bolker. 2019. Statistical modeling of patterns in annual reproductive rates. *Ecology*. 100(7): e0270610.1002/ecy.2706.

Fletcher, R. J., J. A. Sefair, C. Wang, C. L. Poli, T. A. H. Smith, E. M. Bruna, R. D. Holt, M. Barfield, A. J. Marx, and M. A. Acevedo. 2019. Towards a unified framework for connectivity that disentangles movement and mortality in space and time. *Ecology Letters*. 22(10): 1680–168910.1111/ele.13333.

Costa, A. N., E. M. Bruna, and H. L. Vasconcelos. 2018. Do an ecosystem engineer and environmental gradient act independently or in concert to shape juvenile plant communities? Tests with the leaf-cutter ant Atta laevigata in a Neotropical savanna. *PeerJ*. 6e561210.7717/peerj.5612.

Bruna, E. M. 2018. Editorial board members are a non-random sample of ecological experts. *Nature Ecology and Evolution*. 2(2): 202–20210.1038/s41559-017-0443-9.

Zamudio, K. R., A. Kellner, C. Serejo, M. R. de Britto, C. B. Castro, P. A. Buckup, D. O. Pires, M. Couri, A. B. Kury, I. A. Cardoso, M. L. Monné, J. Pombal, C. M. Patiu, V. Padula, A. D. Pimenta, C. R. R. Ventura, E. Hajdu, J. Zanol, E. M. Bruna, J. Fitzpatrick, and L. A. Rocha. 2018. Lack of science support fails Brazil. *Science*. 361(6409): 1322–132310.1126/science.aav3296.

Espin, J., S. Palmas, F. Carrasco-Rueda, K. Riemer, P. E. Allen, N. Berkebile, K. A. Hecht, K. Kastner-Wilcox, M. M. Núñez-Regueiro, C. Prince, C. Rios, E. Ross, B. Sangha, T. Tyler, J. Ungvari-Martin, M. Villegas, T. T. Cataldo, and E. M. Bruna. 2017. A persistent lack of international representation on editorial boards in environmental biology. *PLOS Biology*. 15(12): e200276010.1371/journal.pbio.2002760.

Mundim, F. M., H. T. Alborn, E. H. M. Vieira-Neto, and E. M. Bruna. 2017. A whole-plant perspective reveals unexpected impacts of above- and belowground herbivores on plant growth and defense. *Ecology*. 98(1): 70–7810.1002/ecy.1619.

Costa, A. N., H. L. Vasconcelos, and E. M. Bruna. 2017. Biotic drivers of seedling establishment in Neotropical savannas: Selective granivory and seedling herbivory by leaf-cutter ants as an ecological filter. *Journal of Ecology*. 105(1): 132–14110.1111/1365-2745.12656.

Pitman, N., J. Widmer, E. Bruna, C. Jenkins, G. Stocks, L. Seales, F. Paniagua, and E. Maehr. 2017. El sorprendente liderazgo del Ecuador en la producción científica de la región andino-amazónica. *Los Secretos del Yasuní: Avances en investigación en la Estación de Biodiversidad Tiputini*. 27–30. Universidad San Francisco de Quito, Quito.

Brudvig, L. A., S. J. Leroux, C. H. Albert, E. M. Bruna, K. F. Davies, R. M. Ewers, D. J. Levey, R. Pardini, and J. Resasco. 2017. Evaluating conceptual models of landscape change. *Ecography*. 40(1): 74–8410.1111/ecog.02543.

Bruna, E. M. 2017. Invasive New U.S. Visa Rules Hurt Americans Too. Americas Quarterly.

Darosci, A. A. B., E. M. Bruna, J. C. Motta-Junior, C. da S. Ferreira, J. G. Blake, and C. B. R. Munhoz. 2017. Seasonality, diaspore traits and the structure of plant-frugivore networks in Neotropical savanna forest. *Acta Oecologica*. 8415–2210.1016/j.actao.2017.08.003.

Rocha-Ortega, M., A. Bartimachi, J. Neves, E. M. Bruna, and H. L. Vasconcelos. 2017. Seed removal patterns of pioneer trees in an agricultural landscape. *Plant Ecology*. 218(6): 737–74810.1007/s11258-017-0725-y.

Resasco, J., E. M. Bruna, N. M. Haddad, C. Banks-Leite, and C. R. Margules. 2017. The contribution of theory and experiments to conservation in fragmented landscapes. *Ecography*. 40(1): 109–11810.1111/ecog.02546.

Bruna, EM. 2016. 2016 Luis F. Bacardi Award, Alwyn Gentry Awards. *Biotropica*. 48(6): 933–93510.1111/btp.12400.

Whitlock, M. C., J. L. Bronstein, E. M. Bruna, A. M. Ellison, C. W. Fox, M. A. McPeek, A. J. Moore, M. A. F. Noor, M. D. Rausher, L. H. Rieseberg, M. G. Ritchie, and R. G. Shaw. 2016. A Balanced Data Archiving Policy for Long-Term Studies. *Trends in Ecology and Evolution*. 31(2): 84–8510.1016/j.tree.2015.12.001.

Bruna, E. M., M. Peña-Claros, B. Finegan, and B. A. Kaplin. 2016. A new data archiving policy for *biotropica*. *Biotropica*. 48(2): 139–14010.1111/btp.12318.

Bruna, E. M. 2016. Biotropica renames its 'Outstanding Paper' awards for two pioneering scientists. *Biotropica*. 48(6): 929–92910.1111/btp.12408.

Mundim, F. M., and E. M. Bruna. 2016. Is There a Temperate Bias in Our Understanding of How Climate Change Will Alter Plant-Herbivore Interactions? A Meta-analysis of Experimental Studies. *The American Naturalist*. 188(S1): S74–S8910.1086/687530.

Sobrinho, M. S., M. Tabarelli, I. C. Machado, J. C. Sfair, E. M. Bruna, and A. V. Lopes. 2016. Land use, fallow period and the recovery of a Caatinga forest. *Biotropica*. 48(5): 586–59710.1111/btp.12334.

Carvalho, K. S., M. A. F. Carneiro, I. C. Nascimento, A. K. Saha, and E. M. Bruna. 2016. Lower ant Diversity on Earth Mounds in a Semi-Arid Brazilian Ecosystem: Natural or a Sign of Degradation? *Sociobiology*. 63(4): 102210.13102/sociobiology.v63i4.1171.

Fine, P. V. A., and E. M. Bruna. 2016. Neotropical White-sand Forests: Origins, Ecology and Conservation of a Unique Rain Forest Environment. *Biotropica*. 48(1): 5–610.1111/btp.12305.

Parker, T. H., S. Nakagawa, J. Gurevitch, and IIEE (Improving Inference in Evolutionary Biology and Ecology) workshop participants. 2016. Promoting transparency in evolutionary biology and ecology. *Ecology Letters*. 19(7): 726–72810.1111/ele.12610.

Vieira-Neto, E. H. M., H. L. Vasconcelos, and E. M. Bruna. 2016. Roads increase population growth rates of a native leaf-cutter ant in Neotropical savannahs. *Journal of Applied Ecology*. 53(4): 983–99210.1111/1365-2664.12651.

Bruna, EM. 2015. 2015 Biotropica Awards for Excellence in Tropical Biology and Conservation. *Biotropica*. 47(6): 779–78210.1111/btp.12291.

Hoeksema, J. D., and E. M. Bruna. 2015. Context-dependent outcomes of mutualistic interactions. *Mutualism*. 181–20210.1093/acprof:oso/9780199675654.003.0010. Oxford University Press.

Bruna, E. M. 2014. A Word from the Editor-in-Chief. *Biotropica*. 46(4): 377–37710.1111/btp.12129.

Bruna, E. M. 2014. Biotropica to Become an 'Online-Only' Journal in 2015. *Biotropica*. 46(6): 10.1111/btp.12173.

Bruna, E. M., T. J. Izzo, B. D. Inouye, and H. L. Vasconcelos. 2014. Effect of mutualist partner identity on plant demography. *Ecology*. 95(12): 3237–324310.1890/14-0481.1.

Christianini, A. V., P. S. Oliveira, E. M. Bruna, and H. L. Vasconcelos. 2014. Fauna in decline: Meek shall inherit. *Science*. 345(6201): 1129–112910.1126/science.345.6201.1129-a.

Girão, LC, A. Lopes, Tabarelli, M, and Bruna, EM. 2014. Mudanças em atributos reprodutivos de árvores reduzema diversidade funcional em uma paisagem fragmentada de floresta Atlântica. **Serra Grande: Uma Floresta de ideas** (M. Tabarelli, A. V. Neto, I. R. Leal, and A. V. Lopes, Eds.). 145–174. Editora Universitároa da UFPE, Recife.

Bruna, E. M. 2014. On Identifying Rising Stars in Ecology. Bioscience. 64(3): 169–16910.1093/biosci/biu003.

Vasconcelos, P. B., G. M. Araújo, and E. M. Bruna. 2014. The role of roadsides in conserving Cerrado plant diversity. *Biodiversity and Conservation*. 23(12): 3035–305010.1007/s10531-014-0762-y.

Smith, M. J., C. Weinberger, E. M. Bruna, and S. Allesina. 2014. The Scientific Impact of Nations: Journal Placement and Citation Performance. *PLoS ONE*. 9(10): 10.1371/journal.pone.0109195.

Cho, A. H., S. A. Johnson, C. E. Schuman, J. M. Adler, O. Gonzalez, S. J. Graves, J. R. Huebner, D. B. Marchant, S. W. Rifai, I. Skinner, and E. M. Bruna. 2014. Women are underrepresented on the editorial boards of journals in environmental biology and natural resource management. *PeerJ*. 2e54210.7717/peerj.542.

Jurinitz, C. F., A. A. de Oliveira, and E. M. Bruna. 2013. Abiotic and Biotic Influences on Early-Stage Survival in Two Shade-Tolerant Tree Species in Brazil's Atlantic Forest. *Biotropica*. 45(6): 728–73610.1111/btp.12058.

Araújo, G. M., A. F. Amaral, E. M. Bruna, and H. L. Vasconcelos. 2013. Fire drives the reproductive responses of herbaceous plants in a Neotropical swamp. *Plant Ecology*. 214(12): 1479–148410.1007/s11258-013-0268-9.

Côrtes, M. C., M. Uriarte, M. R. Lemes, R. Gribel, W. John Kress, P. E. Smouse, and E. M. Bruna. 2013. Low plant density enhances gene dispersal in the Amazonian understory herb Heliconia acuminata. *Molecular Ecology*. 22(22): 5716–572910.1111/mec.12495.

Lucas, C. M., E. M. Bruna, and C. M. N. Nascimento. 2013. Seedling co-tolerance of multiple stressors in a disturbed tropical floodplain forest. *Ecosphere*. 4(1): art310.1890/ES12-00287.1.

Vasconcelos, H. L., and E. M. Bruna. 2012. Arthropod responses to the experimental isolation of Amazonian forest fragments. *Zoologia*. 29(6): 515–53010.1590/S1984-46702012000600003.

Mundim, F. M., E. M. Bruna, E. H. M. Vieira-Neto, and H. L. Vasconcelos. 2012. Attack frequency and the tolerance to herbivory of Neotropical savanna trees. *Oecologia*. 168(2): 405–41410.1007/s00442-011-2088-8.

Iacona, G. D., L. K. Kirkman, and E. M. Bruna. 2012. Experimental Test for Facilitation of Seedling Recruitment by the Dominant Bunchgrass in a Fire-Maintained Savanna. *PLoS ONE*. 7(7): e3910810.1371/journal.pone.0039108.

Palumbo, M. J., S. A. Johnson, F. M. Mundim, A. Lau, A. C. Wolf, S. Arunachalam, O. Gonzalez, J. L. Ulrich, A. Washuta, and E. M. Bruna. 2012. Harnessing Smartphones for Ecological Education, Research, and Outreach. *The Bulletin of the Ecological Society of America*. 93(4): 390–39310.1890/0012-9623-93.4.390.

Passmore, H. A., E. M. Bruna, S. M. Heredia, and H. L. Vasconcelos. 2012. Resilient Networks of Ant-Plant Mutualists in Amazonian Forest Fragments. *PLoS ONE*. 7(8): e4080310.1371/journal.pone.0040803.

Copeland, S. M., E. M. Bruna, L. V. B. Silva, M. C. Mack, and H. L. Vasconcelos. 2012. Short-term effects of elevated precipitation and nitrogen on soil fertility and plant growth in a Neotropical savanna. *Ecosphere*. 3(4): art3110.1890/ES11-00305.1.

Bruna, E. M., T. J. Izzo, B. D. Inouye, M. Uriarte, and H. L. Vasconcelos. 2011. Asymmetric Dispersal and Colonization Success of Amazonian Plant-Ants Queens. *PLoS ONE*. 6(8): e2293710.1371/journal.pone.0022937.

Uriarte, M., M. Anciães, M. T. B. da Silva, P. Rubim, E. Johnson, and E. M. Bruna. 2011. Disentangling the drivers of reduced long-distance seed dispersal by birds in an experimentally fragmented landscape. *Ecology*. 92(4): 924–93710.1890/10-0709.1.

Bruna, E. M., and A. S. Andrade. 2011. Edge effects on growth and biomass partitioning of an Amazonian understory herb (Heliconia acuminata; Heliconiaceae). *American Journal of Botany*. 98(10): 1727–173410.3732/ajb.1000290.

Gagnon, P. R., E. M. Bruna, P. Rubim, M. R. Darrigo, R. C. Littell, M. Uriarte, and W. J. Kress. 2011. Growth of an understory herb is chronically reduced in Amazonian forest fragments. *Biological Conservation*. 144(2): 830–83510.1016/j.biocon.2010.11.015.

Vaz Ferreira, A., E. M. Bruna, and H. L. Vasconcelos. 2011. Seed predators limit plant recruitment in Neotropical savannas. *Oikos*. 120(7): 1013–102210.1111/j.1600-0706.2010.19052.x.

Laurance, W. F., J. L. C. Camargo, R. C. C. Luizão, S. G. Laurance, S. L. Pimm, E. M. Bruna, P. C. Stouffer, G. Bruce Williamson, J. Benítez-Malvido, H. L. Vasconcelos, K. S. Van Houtan, C. E. Zartman, S. A. Boyle, R. K. Didham, A. Andrade, and T. E. Lovejoy. 2011. The fate of Amazonian forest fragments: A 32-year investigation. *Biological Conservation*. 144(1): 56–6710.1016/j.biocon.2010.09.021.

Pitman, N. C. A., J. Widmer, C. N. Jenkins, G. Stocks, L. Seales, F. Paniagua, and E. M. Bruna. 2011. Volume and Geographical Distribution of Ecological Research in the Andes and the Amazon, 1995–2008. *Tropical Conservation Science*. 4(1): 64–8110.1177/194008291100400107.

Bruna, E. M. 2010. 2010 Biotropica Award for Excellence in Tropical Biology and Conservation: Biotropica Award for Excellence in Tropical Biology and Conservation. *Biotropica*. 42(4): 518–51910.1111/j.1744-7429.2010.00691.x.

Fortini, L. B., E. M. Bruna, D. J. Zarin, S. S. Vasconcelos, and I. S. Miranda. 2010. Altered resource availability and the population dynamics of tree species in Amazonian secondary forests. *Oecologia*. 162(4): 923–93410.1007/s00442-009-1524-5.

Fiske, I. J., and E. M. Bruna. 2010. Alternative spatial sampling in studies of plant demography: Consequences for estimates of population growth rate. *Plant Ecology*. 207(2): 213–22510.1007/s11258-009-9666-4.

Cássia Quitete Portela, R. de, E. M. Bruna, and F. A. M. dos Santos. 2010. Are Protected Areas Really Protecting Populations? A Test with an Atlantic Rain Forest Palm. *Tropical Conservation Science*. 3(4): 361–37210.1177/194008291000300402.

Quitete Portela, R. de C., E. M. Bruna, and F. A. Maës dos Santos. 2010. Demography of palm species in Brazil's Atlantic forest: A comparison of harvested and unharvested species using matrix models. *Biodiversity and Conservation*. 19(8): 2389–240310.1007/s10531-010-9846-5.

Uriarte, M., E. M. Bruna, P. Rubim, M. Anciães, and I. Jonckheere. 2010. Effects of forest fragmentation on the seedling recruitment of a tropical herb: Assessing seed vs. Safe-site limitation. *Ecology*. 91(5): 1317–132810.1890/09-0785.1.

Iacona, G. D., L. K. Kirkman, and E. M. Bruna. 2010. Effects of resource availability on seedling recruitment in a fire-maintained savanna. *Oecologia*. 163(1): 171–18010.1007/s00442-009-1502-y.

Ribeiro, M. B. N., E. M. Bruna, and W. Mantovani. 2010. Influence of Post-Clearing Treatment on the Recovery of Herbaceous Plant Communities in Amazonian Secondary Forests. *Restoration Ecology*. 1850–5810.1111/j.1526-100X.2010.00715.x.

Bruna, E. M., J. F. Guimarães, C. T. Lopes, P. Duarte, A. C. L. Gomes, S. C. S. Belentani, R. Pacheco, K. G. Facure, F. G. Lemos, and H. L. Vasconcelos. 2010. Mammalia, Estação Ecológica do Panga, a Cerrado protected area in Minas Gerais state, Brazil. *CheckList: the journal of biodiversity data*. 6(4): 66810.15560/6.4.668.

Bruna, E. M. 2010. Scientific Journals can Advance Tropical Biology and Conservation by Requiring Data Archiving. *Biotropica*. 42(4): 399–40110.1111/j.1744-7429.2010.00652.x.

Côrtes, M. C., V. Gowda, W. J. Kress, E. M. Bruna, and M. Uriarte. 2009. Characterization of 10 microsatellite markers for the understorey Amazonian herb *Heliconia acuminata*. *Molecular Ecology Resources*. 9(4): 1261–126410.1111/j.1755-0998.2009.02627.x.

Izzo, T. J., E. M. Bruna, H. L. Vasconcelos, and B. D. Inouye. 2009. Cooperative colony founding alters the outcome of interspecific competition between Amazonian plant-ants. *Insectes Sociaux*. 56(4): 341–34510.1007/s00040-009-0029-x.

Vasconcelos, H. L., R. Pacheco, R. C. Silva, P. B. Vasconcelos, C. T. Lopes, A. N. Costa, and E. M. Bruna. 2009. Dynamics of the Leaf-Litter Arthropod Fauna Following Fire in a Neotropical Woodland Savanna. *PLoS ONE*. 4(11): e776210.1371/journal.pone.0007762.

Bruna, E. M., I. J. Fiske, and M. D. Trager. 2009. Habitat fragmentation and plant populations: Is what we know demographically irrelevant? *Journal of Vegetation Science*. 20(3): 569–57610.1111/j.1654-1103.2009.01060.x.

Callis, K. L., L. R. Christ, J. Resasco, D. W. Armitage, J. D. Ash, T. T. Caughlin, S. F. Clemmensen, S. M. Copeland, T. J. Fullman, R. L. Lynch, C. Olson, R. A. Pruner, E. H. M. Vieira-Neto, R. West-Singh, and E. M. Bruna. 2009. Improving Wikipedia: Educational opportunity and professional responsibility. *Trends in Ecology and Evolution*. 24(4): 177–17910.1016/j.tree.2009.01.003.

Cardoso, E., E. M. Cruzeiro Moreno M. I. Bruna, and H. L. Vasconcelos. 2009. Mudanças fitofisionômicas no Cerrado: 18 anos de sucesão ecológica na Estação Ecológica do Panga, Uberlândia, MG. *Caminhos de Geografia*. 10(32): 254–268.

Kainer, K. A., M. L. DiGiano, A. E. Duchelle, L. H. O. Wadt, E. Bruna, and J. L. Dain. 2009. Partnering for Greater Success: Local Stakeholders and Research in Tropical Biology and Conservation. *Biotropica*. 41(5): 555–562.

Dáttilo, W. F. C., T. J. Izzo, B. D. Inouye, H. L. Vasconcelos, and E. M. Bruna. 2009. Recognition of Host Plant Volatiles by Pheidole minutula Mayr (Myrmicinae), an Amazonian Ant-Plant Specialist: Host-Plant Selection by a Plant-Ant. *Biotropica*. 41(5): 642–64610.1111/j.1744-7429.2009.00518.x.

Costa, A. N., H. L. Vasconcelos, E. H. M. Vieira-Neto, and E. M. Bruna. 2008. Do herbivores exert top-down effects in Neotropical savannas? Estimates of biomass consumption by leaf-cutter ants. *Journal of Vegetation Science*. 19(6): 849–85410.3170/2008-8-18461.

Vasconcelos, H. L., A. N. Costa, E. H. M. Vieira-Neto, and E. M. Bruna. 2008. Efeitos da herbivoria por formigas do gênero Atta Fabricius, 1804 (Hymenoptera: Formicidae) sobre a vegetação do Cerrado. *Insetos Sociais: Da biologia a aplicação*. 301–311. Editora da Univ. Federal de Viçosa, Viçosa, MG.

Fiske, I. J., E. M. Bruna, and B. M. Bolker. 2008. Effects of Sample Size on Estimates of Population Growth Rates Calculated with Matrix Models. *PLoS ONE*. 3(8): e308010.1371/journal.pone.0003080.

Bruna, E. M., M. R. Darrigo, A. M. F. Pacheco, and H. L. Vasconcelos. 2008. Interspecific variation in the defensive responses of ant mutualists to plant volatiles. *Biological Journal of the Linnean Society*. 94(2): 241–24910.1111/j.1095-8312.2008.00962.x.

Morris, W. F., C. A. Pfister, S. Tuljapurkar, C. V. Haridas, C. L. Boggs, M. S. Boyce, E. M. Bruna, D. R. Church, T. Coulson, D. F. Doak, S. Forsyth, J.-M. Gaillard, C. C. Horvitz, S. Kalisz, B. E. Kendall, T. M. Knight, C. T. Lee, and E. S. Menges. 2008. Longevity can buffer plant and animal populations against changing climatic variability. *Ecology*. 89(1): 19–2510.1890/07-0774.1.

Stocks, G., L. Seales, F. Paniagua, E. Maehr, and E. M. Bruna. 2008. The Geographical and Institutional Distribution of Ecological Research in the Tropics: The Geography of Tropical Ecology. *Biotropica*. 40(4): 397–40410.1111/j.1744-7429.2007.00393.x.

Girão, L. C., A. V. Lopes, M. Tabarelli, and E. M. Bruna. 2007. Changes in Tree Reproductive Traits Reduce Functional Diversity in a Fragmented Atlantic Forest Landscape. *PLoS ONE*. 2(9): e90810.1371/journal.pone.0000908.

Kainer, K. A., M. Schmink, H. Covert, J. R. Stepp, E. M. Bruna, J. L. Dain, S. Espinosa, and S. Humphries. 2006. A graduate education framework for tropical conservation and development. *Conservation Biology*. 20(1): 3–13.

Boyce, M., C. Haridas, C. Lee, and Thenceasstochasticdemographyw. 2006. Demography in an increasingly variable world. *Trends in Ecology and Evolution*. 21(3): 141–14810.1016/j.tree.2005.11.018.

Trager, M. D., and E. M. Bruna. 2006. Effects of plant age, experimental nutrient addition and ant occupancy on herbivory in a neotropical myrmecophyte. *Journal of Ecology*. 94(6): 1156–116310.1111/j.1365-2745.2006.01165.x.

De Athayde, S. F., G. M. Da Silva, J. Kaiabi, M. Kaiabi, H. R. De Souza, K. Ono, and E. M. Bruna. 2006. Participatory research and management of aruma (Ischnosiphon gracilis rudge koern., Marantaceae) by the Kaiabi people in the Brazilian Amazon. *Journal of Ethnobiology*. 26(1): 36–59.

Vasconcelos, H. L., E. H. M. Vieira-Neto, F. M. Mundim, and E. M. Bruna. 2006. Roads Alter the Colonization Dynamics of a Keystone Herbivore in Neotropical Savannas. *Biotropica*. 38(5): 661–66510.1111/j.1744-7429.2006.00180.x.

Bruna, E. M., and K. A. Kainer. 2005. A delicate balance in Amazonia. Science. 3071044-1045.

Lapola, D. M., E. M. Bruna, C. G. de Willink, and H. L. Vasconcelos. 2005. Ant-tended hemiptera in Amazonian myrmecophytes: Patterns of abundance and implications for mutualism function. *Sociobiology*. 46(2): 433–442.

Doak, D. F., W. F. Morris, C. Pfister, B. E. Kendall, and E. M. Bruna. 2005. Correctly Estimating How Environmental Stochasticity Influences Fitness and Population Growth. *The American Naturalist*. 166(1): E14–E2110.1086/430642.

Bruna, E. M., and M. K. Oli. 2005. DEMOGRAPHIC EFFECTS OF HABITAT FRAGMENTATION ON A TROPICAL HERB: LIFE-TABLE RESPONSE EXPERIMENTS. *Ecology*. 86(7): 1816–182410.1890/04-1716.

Bruna, E. M., and W. J. Kress. 2005. Forest fragments and tropical plant reproduction in Amazonian Brazil. *Plant conservation: A natural history approach.* 141–146. Smithsonian Institution Press, Washington DC.

Bruna, E. M., and M. B. N. Ribeiro. 2005. Regeneration and population structure of *Heliconia acuminata* in Amazonian secondary forests with contrasting land-use histories. *Journal of Tropical Ecology*. 21(1): 127–13110.1017/S0266467404002007.

Bruna, E. M., and M. B. N. Ribeiro. 2005. The compensatory responses of an understory herb to experimental damage are habitat-dependent. *American Journal of Botany*. 92(12): 2101–210610.3732/ajb.92.12.2101.

Bruna, E. M., H. L. Vasconcelos, and S. Heredia. 2005. The effect of habitat fragmentation on communities of mutualists: Amazonian ants and their host plants. *Biological Conservation*. 124(2): 209–21610.1016/j.biocon.2005.01.026.

Lapola, D. M., B. E. M., and H. L. Vasconcelos. 2004. Amizade tênue: Relações mutualísticas entre plantas e formigas na Amazônia. *Ciência Hoje*. 34(204): 28–33.

Bruna, E. M. 2004. Biological Impacts of Deforestation and Fragmentation. *Encyclopedia of Forest Sciences*. 85–9010.1016/B0-12-145160-7/00017-X. Elsevier.

Nakazono, E. M., E. M. Bruna, and R. C. G. Mesquita. 2004. Experimental harvesting of the non-timber forest product Ischnosiphon polyphyllus in central Amazonia. *Forest Ecology and Management*. 190(2-3): 219–22510.1016/j.foreco.2003.10.013.

Bruna, E. M., W. J. Kress, F. Marques, and O. F. da Silva. 2004. Heliconia acuminata reproductive success is independent of local floral density. *Acta Amazonica*. 34(3): 467–47110.1590/S0044-59672004000300012.

Bruna, E. M., D. M. Lapola, and H. L. Vasconcelos. 2004. Interspecific variation in the defensive responses of obligate plant-ants: Experimental tests and consequences for herbivory. *Oecologia*. 138(4): 558–56510.1007/s00442-003-1455-5.

Bruna, E. M. 2004. The biological consequences of deforestation and habitat fragmentation. *The Encyclopaedia of Forest Sciences*. 85–90. Elsevier Press, London.

Bruna, E. M. 2003. Are plant populations in fragmented habitats recruitment limited? Tests with an Amazonian herb. *Ecology*. 84(4): 932–94710.1890/0012-9658(2003)084[0932:APPIFH]2.0.CO;2.

Lapola, D. M., E. M. Bruna, and H. L. Vasconcelos. 2003. Contrasting responses to induction cues by ants inhabiting Maieta guianensis (Melastomataceae). *Biotropica*. 35(2): 295–300.

Bruna, Emilio. 2003. For the Love of Nature. Science's Next Wave (AAAS Online Magazine).

Bruna, E. M. 2002. A Biologist's Guide to Fragmenting the Amazon (Including Why That's a Bad Idea). *Conservation Biology*. 16(5): 1446–144810.1046/j.1523-1739.2002.01124.x.

Laurance, W. F., T. E. Lovejoy, H. L. Vasconcelos, E. M. Bruna, R. K. Didham, P. C. Stouffer, C. Gascon, R. O. Bierregaard, S. G. Laurance, and E. Sampaio. 2002. Ecosystem Decay of Amazonian Forest Fragments: A 22-Year Investigation. *Conservation Biology*. 16(3): 605–61810.1046/j.1523-1739.2002.01025.x.

Bruna, E. M. 2002. Effects of forest fragmentation on Heliconia acuminata seedling recruitment in central Amazonia. *Oecologia*. 132(2): 235–24310.1007/s00442-002-0956-y.

Bruna, E. M., O. Nardy, S. Y. Strauss, and S. P. Harrison. 2002. Experimental assessment of Heliconia acuminata growth in a fragmented Amazonian landscape. *Journal of Ecology*. 90(4): 639–649.

Bruna, E. M., and W. J. Kress. 2002. Habitat Fragmentation and the Demographic Structure of an Amazonian Understory Herb (Heliconia acuminata). *Conservation Biology*. 16(5): 1256–126610.1046/j.1523-1739.2002.99494.x.

Hoeksema, J. D., and E. M. Bruna. 2000. Pursuing the big questions about interspecific mutualism: A review of theoretical approaches. *Oecologia*. 125(3): 321–33010.1007/s004420000496.

Harrison, S., and E. Bruna. 1999. Habitat fragmentation and large-scale conservation: What do we know for sure? *Ecography*. 22225–232.

Bruna, E. M. 1999. Seed germination in rainforest fragments. *Nature*. 402(6758): 139–13910.1038/45963.

Bruna, E. M., R. N. Fisher, and T. J. Case. 1996. Morphological and genetic evolution appear decoupled in Pacific skinks (Squamata: Scincidae: Emoia). *Proceedings of the Royal Society of London. Series B: Biological Sciences*. 263(1371): 681–68810.1098/rspb.1996.0102.

Bruna, E. M., R. N. Fisher, and T. J. Case. 1996. New Evidence of Habitat Segregation between Two Cryptic Species of Pacific Skinks (Emoia cyanura and E. impar). *Copeia*. 1996(4): 99810.2307/1447665.

Bruna, E. M., R. N. Fisher, and T. J. Case. 1995. Cryptic Species of Pacific Skinks (Emoia): Further Support from Mitochondrial DNA Sequences. *Copeia*. 1995(4): 98110.2307/1447050.