

Selected Scholarly Articles

- Forman, R. T. T. 1964. Growth under controlled conditions to explain the hierarchical distributions of a moss, *Tetraphis pellucida*. *Ecological Monographs* 34: 1-25.
- Forman, R. T. T. 1975. Canopy lichens with blue-green algae: a nitrogen source in a Colombian rainforest. *Ecology* 56: 1176-1184.
- Forman, R. T. T., A. E. Galli and C. F. Leck. 1976. Forest size and avian diversity in New Jersey woodlots with some land-use implications. *Oecologia* 26: 1-8.
- Allen, E. B. and R. T. T. Forman. 1976. Plant species removals and old-field community structure and stability. *Ecology* 57: 1233-1243.
- Forman, R. T. T. 1979. The Pine Barrens of New Jersey: an ecological mosaic. In *Pine Barrens: Ecosystem and Landscape*, R. T. T. Forman, ed. Academic Press, New York. Pp. 569-585.
- Forman, R. T. T. and M. Godron. 1981. Patches and structural components for a landscape ecology. *BioScience* 31: 733-740.
- Forman, R. T. T. and R. E. J. Boerner. 1981. Fire frequency and the Pine Barrens of New Jersey. *Bulletin of the Torrey Botanical Club* 108: 34-50.
- Risser, P. G., J. R. Karr and R. T. T. Forman. 1983. *Landscape Ecology: Directions and Approaches*. Illinois Natural History Survey, Special Publication Number 2, Champaign, Illinois. 18 pp.
- Forman, R. T. T. 1983. Corridors in a landscape: their ecological structure and function. *Ekologia (Czechoslovakia CSSR)* 2: 375-387.
- Forman, R. T. T. and J. Baudry. 1984. Hedgerows and hedgerow networks in landscape ecology. *Environmental Management* 8: 495-510.
- Milne, B. T. and R. T. T. Forman. 1986. Peninsulas in Maine: woody plant diversity, distance, and environmental patterns. *Ecology* 67: 967-974.
- Franklin, J. F. and R. T. T. Forman. 1987. Creating landscape patterns by forest cutting: ecological consequences and principles. *Landscape Ecology* 1: 5-18.
- Hardt, R. A. and R. T. T. Forman. 1989. Boundary form effects on woody colonization of reclaimed surface mines. *Ecology* 70: 1252-1260.
- Peterken, G. F., D. Ausherman, M. Buchenau, and R. T. T. Forman. 1992. Old-growth conservation within British upland conifer plantations. *Forestry* 65: 127-144.
- Cantwell, M. D. and R. T. T. Forman. 1994. Landscape graphs: ecological modeling with graph theory to detect configurations common to diverse landscapes. *Landscape Ecology* 8: 239-255.
- Forman, R. T. T. and S. K. Collinge. 1995. The "spatial solution" to conserving biodiversity in landscapes and regions. In *Conservation of Faunal Diversity in Forested Landscapes*. R. M. DeGraaf and R. I. Miller, eds. London: Chapman & Hall Pp. 537-568.
- Forman, R. T. T. and A. M. Hersperger. 1996. Road ecology and road density in different landscapes, with international planning and mitigation solutions. In *Trends in Addressing Transportation Related Wildlife Mortality*. G. L. Evink *et al.*, eds. Publication FL-ER-58-96, Florida Department of Transportation, Tallahassee, Florida. Pp. 1-22.
- Forman, R. T. T. and L. E. Alexander. 1998. Roads and their major ecological effects. *Annual Review of Ecology and Systematics* 29: 207-231.

- Collinge, S. K. and R. T. T. Forman. 1998. A conceptual model of land conversion processes: predictions and evidence from a microlandscape experiment with grassland insects. *Oikos* 82: 66-84.
- Forman, R. T. T. 2000. Estimate of the area affected ecologically by the road system in the United States. *Conservation Biology* 14: 31-35.
- Forman, R. T. T. and R. D. Deblinger. 2000. The ecological road-effect zone of a Massachusetts (USA) suburban highway. *Conservation Biology* 14: 36-46.
- Forman, R. T. T., B. Reineking and A. M. Hersperger. 2002. Road traffic and nearby grassland bird patterns in a suburbanizing landscape. *Environmental Management* 29: 782-800.
- Hersperger, A. M. and R. T. T. Forman. 2003. Adjacency arrangement effects on plant diversity and composition in woodland patches. *Oikos* 101: 279-290.
- Forman, R. T. T. 2004. Road ecology's promise: What's around the bend? *Environment* 46: 8-21.
- Forman, R. T. T., P. L. Reeve, H. Beyer, J. Bolduc, J. Ferguson, R. Johnson, A. Lukens, A. Proulx, P. Siebert, B. Stokey, M. Thornton and K. Edwards. 2004. *Open Space and Recreation Plan 2004: Concord, Massachusetts*. Natural Resources Commission, Concord, Massachusetts. 206 pp.
- Forman, R. T. T. 2008. The urban region: natural systems in our place, our nourishment, our home range, our future. *Landscape Ecology* 23: 251-253.
- McDonald, R. I., P. Kareiva and R. T. T. Forman. 2008. The implications of current and future urbanization for global protected areas and biodiversity conservation. *Biological Conservation* 141: 1695-1703.
- McDonald, R. I., R. T. T. Forman, P. Kareiva, R. Neugarten, D. Salzer and J. Fisher. 2009. Urban effects, distance, and protected areas in an urbanizing world. *Landscape and Urban Planning* 93: 63-75.
- Forman, R. T. T. 2010. Coastal regions: spatial patterns, flows, and a people-nature solution from the lens of landscape ecology. In *La costa obliqua: Un atlante per la Puglia (The Oblique Coast: An Atlas for Puglia)*. M. Mininni, ed. Rome, Italy: Donzelli editore, Pp. 249-265.
- Hurley, S. E. and R. T. T. Forman. 2011. Stormwater ponds and biofilters for large urban sites: modeled arrangements that achieve the phosphorus reduction target for Boston's Charles River, USA. *Ecological Engineering* 37: 850-863.
- Forman, R. T. T. and D. Sperling. 2011. The future of roads: no driving, no emissions, nature reconnected. *Solutions* 2: 10-23. (Expanded version, www.thesolutionsjournal.com).
- Forman, R. T. T. 2012. Infrastructure and nature: reciprocal effects and patterns for our future. In *Infrastructure Sustainability and Design*. S. N. Pollalis, D. L. Schodek, S. J. Ramos and A. Georgoulas, eds. New York: Routledge. Pp. 35-49.
- Lydecker, M. and R. T. T. Forman. 2013. Diverse productive roadsides: ecologically integrating agriculture along our highways. *Oecologia Australis* 17: 157-174.
- Forman, R. T. T. 2014. The Barcelona edge: combining built and natural environments. In *Urbanism of open spaces: landscape, leisure and production*. Barcelona, Spain: Quaderns--Pla Director Urbanistic 03, Workshop 2, Area Metropolitana de Barcelona. Pp. 26-40.
- Forman, R. T. T. 2015. Corredores verdes ecologicos---Ecological green corridors. *Paisea* 30: 8-13.

- Forman, R. T. T. 2015. Launching landscape ecology in America and learning from Europe. In *History of Landscape Ecology in the United States*. G. W. Barrett, T. L. Barrett and J. Wu, eds. New York: Springer. Pages 13-30.
- Kolbe, J. J., VanMiddlesworth, P., Battles, A. C., Stroud, J. T., Buffum, B., Forman, R. T. T. and Losos, J. B. 2016. Determinants of spread in an urban landscape by an introduced lizard. *Landscape Ecology* 31: 1795-1813.
- Forman, R. T. T. and Wu, J. 2016. Where are the best places for the next billion people? Think globally, plan regionally. In *Handbook on Biodiversity and Ecosystem Services in Impact Assessment*, D. Geneletti, ed. Cheltenham, UK: Edward Elgar Publishers. Pp. 453-473.
- Forman, R. T. T. 2016. Urban ecology principles: Are urban ecology and natural area ecology really different? *Landscape Ecology* 31: 1653-1662.
- Forman, R. T. T. and Wu, J. 2016. Where to put the next billion people. *Nature* 537: 408-411.
- Foster, D., Lambert, K.F., Kittredge, D.,...Forman R., *et al.* 2017. *Wildlands and Woodlands: Farmlands and Communities, Broadening the Vision for New England*. Petersham, Massachusetts: Harvard Forest, Harvard University. 41pp.
- Forman, R. T. T. 2019. Values of large-versus-small urban greenspaces and their arrangement. In *Why Cities Need Large Parks---some of the largest urban parks in the world*, editor R. Murray. Stockholm: Balkong Forlag. (In press).