

Science Citations of Publications Produced by Ancient Forest Exploration & Research and Peter Quinby: A Global Influence

May 2021

SUMMARY

60 Refereed Journals: *Adirondack Journal of Environmental Studies, American Midland Naturalist, Archivum Ochrony Środowiska, Basic and Applied Ecology, Biodiversity and Conservation, BioScience, The Bryologist, Canadian Field Naturalist, Canadian Journal of Forest Research, Canadian Journal of Remote Sensing, Conservation Biology, Ecoscience, Ecological Applications, Endangered Species Update, Environmental Management, Environmental Monitoring and Assessment, Environmental Science and Policy, Environmetrics, Forests, Forest Research, Forest Science, Forest Systems, Forestry Chronicle, Forest Ecology and Management, The Geographical Bulletin, Journal of Ecology, Journal of Environmental Informatics, Journal of Environmental Law and Practice, Journal of Environmental Management, Journal of Forest Research, Journal of Forestry Research, Journal of Insect Conservation, Journal of the Korea Planners Association, Journal of Paleolimnology, Journal of Planning Literature, Journal of Siberian Federal University-Biology, Journal of Sustainable Development, Journal of Sustainable Forestry, Journal of the Torrey Botanical Society, Journal of Vegetation Science, Journal of Water and Land Development, Journal of Zoology, Landscape Ecology, Landscape and Urban Planning, Michigan Botanist, Natural Areas Journal, New Forests, New Zealand Journal of Botany, North American Fungi, Oecologia, Opuscula Philolichenum, Physical Geography, Plant Ecology, Plant Systematics and Evolution, PLoS ONE, Scandinavian Journal of Forest Research, Science, Silva Fennica, Southeastern Naturalist, University of Wisconsin-Superior McNair Scholars Journal*

31 Books: *Latin American Mammology* (1991, Oklahoma Museum of Natural History); *Neotropical Wildlife Use and Conservation* (1991, University of Chicago Press); *Protected Places: A History of Ontario's Provincial Park System* (1993, Dundurn Press); *Landscape Planning and Ecological Networks: an Introduction* (1994, Elsevier Science Ltd.); *Wisconsin Land and Life* (1997, University of Wisconsin Press); *Ecological Design Handbook* (1999, McGraw-Hill Professional); *Ecosystems of Disturbed Ground* (1999, Elsevier); *Landscape Ecological Analysis* (1999, Springer); *America's Ancient Forests* (2000, John Wiley & Sons); *Fire, Climate Change, and Carbon Cycling in the Boreal Forest* (2000, Springer-Verlag); *The Living Landscape* (2000, McGraw-Hill Inc.); *The Rouge Valley* (2000, Natural Heritage/Natural History Inc.); *Voices for the Watershed* (2000, McGill-Queen's University Press); *Canadian Forest Policy* (2001, University of Toronto Press); *Wilderness Comes Home* (2001, Middlebury College Press & University Press of New England); *Ecological Planning* (2002, John Hopkins University Press); *Pines of Silvicultural Importance* (2002, CABI Publishing), *Canada's Vegetation* (2003, McGill-Queen's University Press); *Canoeing, Kayaking & Hiking in Temagami* (2004, Boston Mills Press); *Connectivity Conservation* (2006, Cambridge University Press); *Introduction to Sustainability* (2006, Springer); *Safety Assessment of Transgenic Organisms* (2006, OECD Publishing); *Wildfire: A Century of Failed Forest Policy* (2006, Island Press); *Ecosystems: Webster's Facts and Phrases* (2008, Icon Group International); *Algonquin Park: The Human Impact* (2009, OJ Graphix Inc.); *Landscape-scale Conservation Planning* (2010, Springer); *Connectivity Conservation Management: a Global Guide* (2010, Earthscan); *Temagami Lakes Association: The Life and Times of a Cottage Community* (2011, Trafford Publishing); *Landscape Ecology in Forest Management and Conservation* (2011, Springer and Higher Education Press); *Temagami's Tangled Wild: Race, Gender, and the Making of Canadian Nature* (2012, UBC Press); *Introduction to Probability and Statistics* (2016, Nelson Education Ltd.);

53 Natural Resource Management Institutions and Universities: *Australian National University, Brussels Institute for Environmental Management, Canadian Forest Service, Canadian Parks & Wilderness Society, Concordia University, Dalhousie University, Duke University, Earthwatch Institute, Environment Canada, Federation of Ontario Naturalists, Environmental Commissioner of Ontario, Forest History Society of Ontario, Geological Survey of Canada, the George Wright Society, Global Association of Online Foresters, Harvard University, Idaho Department of Fish and Game, International Society for Environmental Ethics, International Society for Photogrammetry and Remote Sensing, Longwood University, McMaster University, Michigan Natural Features Inventory, Minnesota Extension Service-University of Minnesota, The Nature Conservancy (USA), Northern Arizona University, Ontario Forest Research Institute, Ontario Legislative Assembly, Ontario Ministry of Natural Resources, Oregon State University, Protected Areas Association of Newfoundland and Labrador, Queen's University, Scientific Certification Systems, Sierra Legal Defense Fund, Smithsonian National Museum of Natural History, St. Lawrence University, Trent University, Universidad de Buenos Aires, Universität Göttingen, University of Alberta, University of British Columbia, University of Florida, University of Guelph, University of Maine, Université du Minnesota, University of Missouri-Columbia, University of Montana, Université du Québec en Abitibi-Témiscamingue, Université du Québec at Montreal, University of Ottawa, University of Toronto, University of Waterloo, University of Western Ontario, U.S. Fish and Wildlife Service, U.S. Forest Service, U.S. Geological Survey, Wildlands Project, Wilfrid Laurier University, York University*

CITATION DETAILS

1. Refereed Journals (20 countries)

Argentina (8)

- Flores, M. P., G. M. Pastur, J. M. Cellini and M. V. Lencinas. 2019. Recovery of understory assemblage 50 years after shelterwood cut harvesting in *Nothofagus pumilio* Southern Patagonian forests. *Forest Ecology and Management* 450:117494.
- Gallo, E. A., M. V. Lencinas and G. J. Martinez-Pastur. 2013. Site quality influence over understory plant diversity in old-growth and harvested *Nothofagus pumilio* forest. *Forest Systems* 22:25-38.
- Lencinas, M. V., G. M. Pastur, C. B. Anderson and C. Busso. 2007. The value of timber quality forests for insect conservation on Tierra del Fuego Island compared to associated non-timber quality stands. *Journal of Insect Conservation* 12:461-475.
- Lencinas, M. V., G. M. Pastur, P. Rivero, et al. 2008. Conservation value of timber quality versus associated non-timber quality stands for understory diversity in *Nothofagus* forests. *Biodiversity and Conservation* 17:2579-2597.
- Lencinas, M. V., G. M. Pastur, E. Gallob and J. M. Cellinic. 2011. Alternative silvicultural practices with variable retention to improve understory plant diversity conservation in southern Patagonian forests. *Forest Ecology and Management* 262:1236-1250.
- Lencinas, M. V., F. J. Sola and G. J. M. Pastur. 2017. Variable retention effects on vascular plants and beetles along a regional gradient in *Nothofagus pumilio* forests. *Forest Ecology and Management* 406:251-265.
- López Alonso, A. O. 2010. Two fundamental ecological relationships that deepen the sense of social, economical and ethical values of mental representations. *Interdisciplinaria* 27:41-62.
- Pastur, G. M., P. L. Peri, M. C. Fernandez, G. Staffieri and M. V. Lencinas. 2002. Changes in understory species diversity during the *Nothofagus pumilio* forest management cycle. *Journal of Forest Research* 7:165-174.

Belgium (1)

- Verbeylen, G., L. De Bruyn, F. Adriaensen and E. Matthysen. 2003. Does matrix resistance influence red squirrel (*Sciurus vulgaris* L.) distribution in an urban landscape? *Landscape Ecology* 18:791-805.

Canada (48)

- Allen, J. L., McMullin, R. T., Tripp, E. A., et al. 2019. Lichen Conservation in North America: a Review of Current Practices and Research in Canada and the United States. *Biodiversity & Conservation* 28:3103–3138. (<https://doi.org/10.1007/s10531-019-01827-3>)
- Anand, M., M. Leithead, L. C. R. Silva, C. Wagner, M. W. Ashiq, J. Cecile, I. Drobyshev, Y. Bergeron, A. Das, and C. Bulger. 2013. The scientific value of the largest remaining old-growth red pine forests in North America. *Biodiversity and Conservation* 22:1847-1861.
- Baleshta, K. E., S. W. Simard and W. J. Roach. 2015. Effects of thinning paper birch on conifer productivity and understory plant diversity. *Scandinavian Journal of Forest Research* 30:699-709.
- Bebber, D. P., W. G. Cole, S. C. Thomas, D. Balsillie, and P. Duinker. 2005. Effects of retention harvests on structure of old-growth *Pinus strobus* L. stands in Ontario. *Forest Ecology & Management* 205:91-103.
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- Bergeron Y, A. Leduc and T. X. Li. 1997. Explaining the distribution of *Pinus* spp. in a Canadian boreal insular landscape. *Journal of Vegetation Science* 8:37-44.
- Beverly, J. L. and D. L. Martell. 2003. Modeling *Pinus strobus* mortality following prescribed fire in Quetico Provincial Park, northwestern Ontario. *Canadian Journal of Forest Research* 33:740-751.
- Beverly, J. L. and D. L. Martell. 2004. Modeling prescribed surface-fire regimes for *Pinus strobus* conservation. *Conservation Biology* 18:1541-1552.
- Boudreau, R. E. A., J. M. Galloway, R. T. Patterson, A. Kumar and F. A. Michel. 2005. A paleolimnological record of Holocene climate and environmental change in the Temagami region, northeastern Ontario. *Journal of Paleolimnology* 33:445-461.
- Brown, R. and G. Harris. 2005. Co-management of wildlife corridors: the case for citizen participation in the Algonquin to Adirondack proposal. *Journal of Environmental Management* 74:97-106.
- Burgess, D. and C. Robinson. 1998. Canada's oldest permanent sample plots - thinning in white and red pine. *Forestry Chronicle* 74:606-616.
- Burgess, D., S. Wetzel and F. Pinto. 1999. Regenerating eastern white pine: A cooperative research approach. *Forestry Chronicle* 75:423-425.
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- Danneyyrolles, V., D. Arseneault and Y. Bergeron. 2016. Pre-industrial landscape composition patterns and post-industrial changes at the temperate-boreal forest interface in Western Quebec, Canada. *Journal of Vegetation Science* 27:470-481.
- Davy, B. J. 2006. Ethics and Justice in Daki Menan. *TOPIA* 15:5-25.
- Dietrich R., S. Gore, S. Md. Y. Hossain and M. Anand. 2017. Over and understory controls on red pine establishment and seedling survival in the largest remaining old-growth red pine forest. *Forest Ecology and Management* 385:57-64.
- Duchesne, L. 1994. Defining Canada's old-growth forests – problems and solutions. *Forestry Chronicle* 70:739-744.
- Elmslie, B. G., C. A. C. Gushulak, M. P. Boreux, S. F. Lamoureux, P. R. Leavitt, and B. F. Cumming. 2020. Complex responses of phototrophic communities to climate warming during the Holocene of northeastern Ontario, Canada. *The Holocene* 30:272–288.
- Engelmark O., Y. Bergeron, and M. D. Flannigan. 2000. Age structure of Eastern White Pine, *Pinus strobus* L., at its northern distribution limit in Quebec. *Canadian Field Naturalist* 114:601-604.
- Homagain, K., C. Shahi, W. Carmean, M. Leitch and C. Bowling. 2011. Growth and yield comparisons for red pine, white spruce and black spruce plantations in northwestern Ontario. *Forestry Chronicle* 87:494-503.
- Huggard, D. J., G. B. Dunsworth, J. R. Herbers, W. Klenner, L. L. Kremsater, and R. Serrouya. 2006. Monitoring ecological representation in currently non-harvestable areas: Four British Columbia case studies. *Forestry Chronicle* 82:383-394.
- Kneeshaw, D. D. and P. J. Burton. 1998. Assessment of functional old-growth status: A case study in the Sub-Boreal Spruce zone of British Columbia, Canada. *Natural Areas Journal* 18:293-308.
- Kumari, J., A. Govind and A. Govind. 2006. Entropy change as influenced by anthropogenic impact on a boreal land cover: A case study. *Journal of Environmental Informatics* 7(2):75-83.

- Langen, T. A. and R. Welsh. 2006. Effects of a Problem-Based Learning Approach on Attitude Change and Science and Policy Content Knowledge. *Conservation Biology* 20: 600-608.
- Larocque, I., Y. Bergeron, I. D. Campbell, and R. H. W. Bradshaw. 2003. Fire-induced decrease in forest cover on a small rock outcrop in the Abitibi region of Quebec, Canada. *Ecoscience* 10:515-524.
- Leithead, M. D., M. Anand and L. C. R. Silva. 2010. Northward migrating trees establish in treefall gaps at the northern limit of the temperate-boreal ecotone, Ontario, Canada. *Oecologia* 164:1095-1106.
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- McMullin, R. T. and A. Arsenault. 2016. The Calicioids of Newfoundland, Canada. *Opuscula Philolichenum* 15:92-104.
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- Ton, M. and M. A. Krawchuk. 2016. The Effects of Disturbance History on Ground-Layer Plant Community Composition in British Columbia. *Forests* 7, 109 (doi:10.3390/f705010).
- Upreti, Y., H. Asselin and Y. Bergeron. 2017. Preserving Ecosystem Services on Indigenous Territory through Restoration and Management of a Cultural Keystone Species. *Forests* 8(6):194, DOI: 10.3390/f8060194.

Upreti, Y., H. Asselin, Y. Bergeron and M. Mazerolle. 2013. White pine (*Pinus strobus* L.) regeneration dynamics at the species' northern limit of continuous distribution. *New Forests* (DOI 10.1007/s11056-013-9396-2).

Upreti, Y., H. Asselin and Y. Bergeron. 2013. Cultural importance of white pine (*Pinus strobus* L.) to the Kitcisakik Algonquin community of western Quebec, Canada. *Canadian Journal of Forest Research* 43:544–551.

Vasarhelyi, C. and V. G. Thomas. 2006. Evaluating the capacity of Canadian and American legislation to implement terrestrial protected areas networks. *Environmental Science & Policy* 9:46-54.

Whiklo, T. M. and J. R. Duncan. 2014. Characteristics of Barred Owl (*Strix varia*) nest sites in Manitoba, Canada. *Canadian Field-Naturalist* 128:38–43. (cited Hodson Thesis; Quinby as Thesis Supervisor)

Upreti, Y., H. Asselin and Y. Bergeron. 2013. Cultural importance of white pine (*Pinus strobus* L.) to the Kitcisakik Algonquin community of western Quebec, Canada. *Canadian Journal of Forest Research* 43:544–551.

Caribbean (1)

Brooks, T. and M. L. Smith. 2001. Caribbean catastrophes (enhanced). *Science* 294:1469-1471.

Gabon (1)

Vanthomme, H. P. A., B. S. Nzamba, A. Alonso, and A. F. Todd. 2019. Empirical selection between least-cost and current-flow designs for establishing wildlife corridors in Gabon. *Conservation Biology* 33:329–338. (DOI: 10.1111/cobi.13194)

Germany (1)

Heinricks, S. and W. Schmidt. 2009. Short-term effects of selection and clear cutting on the shrub and herb layer vegetation during the conversion of even-aged Norway spruce stands into mixed stands. *Forest Ecology and Management* 258:667-678.

India (1)

Rathore, C. S., Y. Dubey, A. Shrivastava, P. Pathak and V. Patil. 2012. Opportunities of Habitat Connectivity for Tiger (*Panthera tigris*) between Kanha and Pench National Parks in Madhya Pradesh, India. *PLoS ONE* 7(7): e39996. doi:10.1371/journal.pone.0039996.

Iran (1)

Pourmajidian, M. R., H. Jalilvand, A. Fallah, S. A. Hosseini, A. Parsakhoo, A. Vosoughian and A. Rahmani. 2010. Effect of shelterwood cutting method on forest regeneration and stand structure in a Hyrcanian forest ecosystem. *Journal of Forestry Research* 21 (3):265-272.

Lebanon (1)

Kheir, R. B., M. C. Girard, and M. Khawlie. 2004. Use of the OASIS structural classification system for mapping the landscape unites in a representative region of Lebanon. *Canadian Journal of Remote Sensing* 30:617-630.

Mexico (1)

Stephens, S. L. and S. J. Gill. 2005. Forest structure and mortality in an old-growth Jeffrey pine-mixed conifer forest in north-western Mexico. *Forest Ecology & Management* 205:15-28.

New Zealand (2)

Simpkins, C. E., T. E. Dennis, T. R. Etherington and G. L. W. Perry. 2017. Effects of uncertain cost-surface specification on landscape connectivity measures. *Ecological Informatics* 38:1-11.

Smale, M. C., D. A. Coomes, R. L. Parfitt, D. A. Peltzer, N. W. H. Mason and N. B. Fitzgerald. 2016. Post-volcanic forest succession on New Zealand's North Island: an appraisal from long-term plot data. *New Zealand Journal of Botany* 54: 11-29.

Poland (2)

Dunalska, J., J. Grochowska and M. Czasnowski. 2005. Quantitative and qualitative characteristics of dissolved organic matter in urban small water reservoirs. *Archiwum Ochrony Środowiska* 31:59-68.

Jaszczyński J. 2015. The relationship between dissolved organic carbon and hydro-climatic factors in peatmuck soil. *Journal of Water and Land Development* 24:27-33.

Russia (3)

Bondarev, A. 1997. Age distribution patterns in open boreal Dahurican larch forests of Central Siberia. *Forest Ecology and Management* 93:205-214.

Ishikawa Y., P. V. Krestov and K. Namikawa. 1999. Disturbance history and tree establishment in old-growth Pinus koraiensis-hardwood forests in the Russian Far East. *Journal of Vegetation Science* 10:439-448.

УХВАТКИНА, О.Н., О. N. Ukhvatkina, A. M. ОМЕЛЬКО and A. M. Omelko. 2011. Undergrowth structure and natural regeneration in mixed conifer-broadleaved forest of the southern Sikhote-Alin. *Journal of Siberian Federal University, Biology* 3:266-280.

Scandinavia (1)

Baleshtaa, K. E., S. W. Simardb and W. J. Roachc. 2015. Effects of thinning paper birch on conifer productivity and understory plant diversity. *Scandinavian Journal of Forest Research* 30:699-709.

Serbia (1)

Milovanović, A., D. Milovanović Rodić and M. Maruna. 2020. Eighty-year review of the evolution of landscape ecology: from a spatial planning perspective. *Landscape Ecology* 35:2141-2161.

South Korea (1)

Lee, S. 2005. Improvement of ecological plant structure and establishment of a green network, a case study of Nowongu Seoul (English translation). *Journal of the Korea Planners Association* 40:145-169.

Spain (1)

Rodriguez-Freire, M. and R. Crecente-Maseda. 2008. Directional connectivity of wolf (*Canis lupus*) populations in northwest Spain and anthropogenic effects on dispersal patterns. *Environmental Modeling and Assessment* 13:35-51.

Turkey (1)

Hepcan, C. C. and M. B. Ozkan. 2011. Establishing ecological networks for habitat conservation in the case of Cesme-Urla Peninsula, Turkey. *Environmental Monitoring and Assessment* 174:157-170.

United Kingdom (1)

Simpkins, C. E., T. E. Dennis, T. R. Etherington and G. L. W. Perry. 2017. Effects of uncertain cost-surface specification on landscape connectivity measures. *Ecological Informatics* 38:1-11.

United States (39)

- Abella, S. R. and N. W. MacDonald. 2002. Spatial and temporal patterns of eastern white pine regeneration in a northwestern Ohio oak stand. *Michigan Botanist* 41:115-123.
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- Beier, P., D. R. Majka and W. D. Spencer. 2008. Forks in the Road: Choices in Procedures for Designing Wildland Linkages. *Conservation Biology* 22:836-851.
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- Nowacki, G. J. and P. A. Trianosky. 1993. Literature on old-growth forests of eastern North America. *Natural Areas Journal* 13:87-107.
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- Riege, D. A. 2011. Demography of old-growth white pine stands at the Huron Mountain Club Reserve and Estivant Pines in Upper Michigan. *The Michigan Botanist* 50:107-117.
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- Sneed, P. G. 2001. The Feasibility of Gray Wolf Reintroduction to the Grand Canyon Ecoregion. *Endangered Species Update* 18:153-158.
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- Song, B., J. Q. Chen and T. M. Williams. 2014. Spatial relationships between canopy structure and understory vegetation of an old-growth Douglas-Fir forest. *Forest Research* Vol 3, issue 2 (12 pp). (<http://dx.doi.org/10.4172/2168-9776.1000118>).
- Steiner, F. 1991. Landscape planning: A method applied to a growth management example. *Environmental Management* 15:519-529.
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