

SCIENTIFIC PUBLICATIONS(a) *Journals*

- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2009. Stand structure and the abundance and diversity of plants and small mammals in natural and intensively managed forests. *For. Ecol. Manage.* (In press).
- Sullivan, T.P. and D.S. Sullivan. 2009. Dynamics of peripheral populations of the Great Basin pocket mouse (*Perognathus parvus*) and western harvest mouse (*Reithrodontomys megalotis*) in the southern interior of British Columbia. *Can. Field-Naturalist.* (In press).
- Ransome, D.B., P.M.F. Lindgren, H. Armleder, M.J. Waterhouse, and T.P. Sullivan. 2009. Small mammal response to group selection silvicultural systems in Engelmann spruce-subalpine fir forests: 14 years post harvest. *Can. J. For. Res.* (In press).
- Wiman, M.R., E.M. Kirby, D.M. Granatstein, and T.P. Sullivan. 2009. Cover crops influence meadow vole presence in organic orchards. *Hort Technology* 19: 558-562.
- Sullivan, T.P., and D.S. Sullivan. 2009. Are linear habitats in agrarian landscapes source areas for beneficial or pest rodents? *Agr. Eco. Environ.* 129: 52-56.
- Klenner, W. and T.P. Sullivan. 2009. Partial and clearcut harvesting of dry Douglas-fir forests: Implications for small mammal communities. *For. Ecol. Manage.* 257: 1078-1086.
- Clason, A.J., P.M.F. Lindgren, and T.P. Sullivan. 2008. Comparison of potential non-timber forest products in intensively managed young stands and natural/old-growth forests in south-central British Columbia. *For. Ecol. Manage.* 156: 1897-1909.
- Sullivan, T.P. and D.S. Sullivan. 2008. Vole-feeding damage and forest plantation protection: Large-scale application of diversionary food to reduce damage to newly planted trees. *Crop Protection* 27: 775-784.
- Sullivan, T.P., D.S. Sullivan, and P.M.F. Lindgren. 2008. Influence of variable retention harvests on forest ecosystems: Plant and mammal responses up to 8 years post-harvest. *For. Ecol. Manage.* 254: 239-254.
- Lindgren, P.M.F., T.P. Sullivan, D.S. Sullivan, R.P. Brockley, and R. Winter. 2007. Growth response of young lodgepole pine to thinning and repeated fertilization treatments: 10-year results. *Forestry* 80: 187-211.
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2007. Long-term responses of ecosystem components to stand thinning in young lodgepole pine forest: IV. Relative habitat use by mammalian herbivores. *For. Ecol. Manage.* 240: 32-41.
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2006. Influence of repeated fertilization on forest ecosystems: Relative abundance and habitat use by snowshoe hares. *Can. J. For. Res.* 36: 2080-2089.
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2006. Influence of repeated fertilization on forest ecosystems: Relative habitat use by mule deer and moose. *Can. J. For. Res.* 36: 1395-1406.
- Sullivan, T.P. and D.S. Sullivan. 2006. Plant and small mammal diversity in orchard vs. non-crop

- habitats. *Agr. Eco. Environ.* 116: 235-243.
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2006. Long-term responses of ecosystem components to stand thinning in young lodgepole pine forest: III. Growth of crop trees and coniferous stand structure. *For. Ecol. Manage.* 228: 69-81.
- Craig, V.J., W. Klenner, M.C. Feller, and T.P. Sullivan. 2006. Relationships between deer mice and downed wood in managed forests of southern British Columbia. *Can. J. For. Res.* 36: 2189-2203.
- Lindgren, P.M.F., D.B. Ransome, D.S. Sullivan, and T.P. Sullivan. 2006. Plant community attributes 12 to 14 years following pre-commercial thinning in a young lodgepole pine forest. *Can. J. For. Res.* 36: 48-61.
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2005. Long-term responses of ecosystem components to stand thinning in young lodgepole pine forest: II. Diversity and population dynamics of forest floor small mammals. *For. Ecol. Manage.* 205: 1-14.
- Sullivan, T.P., D.S. Sullivan, and E.J. Hogue. 2004. Population dynamics of deer mice (*Peromyscus maniculatus*) and yellow-pine chipmunks (*Tamias amoenus*) in old field and orchard habitats. *Can. Field-Nat.* 118: 299-308.
- Lautenschlager, R.A. and T.P. Sullivan. 2004. Improving research into effects of forest herbicide use on biota in northern ecosystems. *Wildl. Soc. Bull.* 32: 1061-1070.
- Ransome, D.B., P.M. F. Lindgren, D.S. Sullivan, and T.P. Sullivan. 2004. Long-term responses of ecosystem components to stand thinning in young lodgepole pine forest: I. Population dynamics of northern flying squirrels and red squirrels. *For. Ecol. Manage.* 202: 355-367.
- Sullivan, T.P., D.S. Sullivan, D.G. Reid, and M. C. Leung. 2004. Weasels, voles, and trees: Influence of mustelid semiochemicals on vole populations and feeding damage. *Ecol. Applic.* 14: 99-115.
- Sullivan, T.P. and D.S. Sullivan. 2004. Influence of a granivorous diversionary food on population dynamics of montane voles (*Microtus montanus*), deer mice (*Peromyscus maniculatus*), and western harvest mice (*Reithrodontomys megalotis*). *Crop Protection* 23: 191-200.
- Ransome, D.B. and T.P. Sullivan. 2004. Effects of food and den-site supplementation on populations of *Glaucomys sabrinus* and *Tamiasciurus douglasii*. *J. Mammal.* 85: 206-215.
- Sullivan, T.P. and D.S. Sullivan. 2003. Vegetation management and ecosystem disturbance: Impact of glyphosate herbicide on plant and animal diversity in terrestrial systems. *Environ. Rev.* 11: 37-59.
- Sullivan, T.P., D.S. Sullivan, D.B. Ransome, and P.M.F. Lindgren. 2003. Impact of removal trapping on abundance and diversity attributes in small mammal communities. *Wildl. Soc. Bull.* 31:464-474.
- Sullivan, T.P., D.S. Sullivan, and E.J. Hogue. 2003. Demography of montane voles in old field and orchard habitats in southern British Columbia. *Northwest Sci.* 77: 228-236.
- Klenner, W. and T.P. Sullivan. 2003. Partial and clearcut harvesting of high elevation spruce-fir forests: implications for small mammal communities. *Can. J. For. Res.* 33: 2283-2296.
- Ransome, D.B. and T.P. Sullivan. 2003. Population dynamics of *Glaucomys sabrinus* and *Tamiasciurus douglasii* in old-growth and second-growth stands of coastal coniferous forest. *Can. J. For. Res.* 33:587-596.
- Sullivan, T.P., D.S. Sullivan, and P.M.F. Lindgren. 2002. Influence of conventional and chemical thinning

on stand structure and diversity of plant and mammal communities in young lodgepole pine forest. *For. Ecol. Manage.* 170: 173-187.

Lautenschlager, R.A. and T.P. Sullivan. 2002. Effects of herbicide treatments on biotic components in regenerating northern forests. *For. Chron.* 78: 695-731.

Ransome, D.B. and T.P. Sullivan. 2002. Short-term population dynamics of *Glaucomys sabrinus* and *Tamiasciurus douglasii* in commercially-thinned and unthinned stands of coastal coniferous forest. *Can. J. For. Res.* 32: 2043-2050.

Sullivan, T.P., D.S. Sullivan, and P.M.F. Lindgren. 2001. Influence of variable retention harvests on forest ecosystems: I. Diversity of stand structure. *J. Appl. Ecol.* 38: 1221-1233.

Sullivan, T.P. and D.S. Sullivan. 2001. Influence of variable retention harvests on forest ecosystems: II. Diversity and population dynamics of small mammals. *J. Appl. Ecol.* 38: 1234-1252.

Sullivan, T.P., D.S. Sullivan, and P.M.F. Lindgren. 2001. Stand structure and small mammals in young lodgepole pine forest: 10-year results after thinning. *Ecol. Applic.* 11:1151-1173.

Lindgren, P. M. F. and T.P. Sullivan. 2001. Influence of alternative vegetation management treatments on conifer plantation attributes: Abundance, species diversity, and structural diversity. *For. Ecol. Manage.* 142: 163-182.

Sullivan, T.P., D.S. Sullivan, and E.J. Hogue. 2001. Influence of diversionary foods on vole (*Microtus montanus* and *Microtus longicaudus*) populations and feeding damage to coniferous seedlings. *Crop Protection* 20: 103-112.

Sullivan, T.P., D.S. Sullivan, and E.J. Hogue. 2001. Reinvasion dynamics of northern pocket gopher (*Thomomys talpoides*) populations in removal areas. *Crop Protection* 20: 189-198.

Sullivan, T.P., D.S. Sullivan, and P.M.F. Lindgren. 2000. Small mammals and stand structure in young pine, seed-tree and old-growth forest, southwest Canada. *Ecol. Applic.* 10: 1367-1383.

Sullivan, T.P. and W. Klenner. 2000. Response of northwestern chipmunks (*Tamias amoenus*) to variable habitat structure in young lodgepole pine forest. *Can. J. Zool.* 78:283-293.

(b) *Extension Publications*

Sullivan, T.P. 2009. Life After the Beetle. Salvage Harvesting of MPB Pine and Green-Tree Retention. A 30-year Vision into the Future. Extension Brochure.

Sullivan, T.P. 2009. Dry Forests and Grasslands. Stand Structures, Range Habitats, and Small Mammals as Indicators of Biodiversity. Extension Brochure.

Sullivan, T.P. 2009. Integration of Non-Timber Forest Products (NTFPs) with Timber Production. Sharing the Forest – a Future beneath the Trees? Timber, NTFPs, and Conservation. Extension Brochure.

Sullivan, T.P. 2004. Biodiversity and Farmland. Diversity and Conservation of Plants and Mammals in Natural and Orchard Habitats. Extension Brochure.

Sullivan, T.P. 2001. Variable Retention Harvests & Wildlife Habitat: Stand structure and vegetation, abundance and diversity of small mammals, and habitat use by deer. Extension Brochure.

Sullivan, T.P. 2000. Forest Herbicide Use: Vegetation, Small Mammals, and Diversity. B.C. Ministry of

Forests. Extension Brochure.

Sullivan, T.P. 2000. Incremental Silviculture of Lodgepole Pine: Crop tree productivity, stand structure and vegetation, wildlife habitat, and range forage. Extension Brochure.