

AMRI Website Publications 1990-2020

Articles in Refereed Journals

- Sullivan, T.P., and Sullivan, D.S., 2020. Short-term responses of tree squirrels to different-sized forest patches on clearcuts in a fragmented forest landscape. *Wildlife Research* (In press).
- Sullivan, T.P., D.S. Sullivan, R. Boonstra, and C.J. Krebs. 2020. Population changes and limitation in the montane vole (*Microtus montanus*) in perennial old-field grasslands: insights from a long-term study. *Journal of Mammalogy* (In press).
- Sullivan, T.P. and D.S. Sullivan. 2020. Synthetic mustelid smiochemicals depress survival of long-tailed vole (*Microtus longicaudus*) populations and feeding damage. *Crop Protection* (105147).
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, D.B. Ransome, and L. Zabek. 2020. Twenty-five years after stand thinning and repeated fertilization in lodgepole pine forest: Implications for tree growth, stand structure, and carbon sequestration. *Forests* 11, 337, doi:10.3390/f11030337.
- Sullivan, T.P., and Sullivan, D.S., 2020. Similarity in occupancy of different-sized forest patches by small mammals on clearcuts: Conservation implications for red-backed voles and small mustelids. *Mammal Research* 65: 255-266.
- Sullivan, T.P., and Sullivan, D.S., 2019. Long-term functionality of woody debris structures for forest-floor small mammals on clearcuts. *Forest Ecology and Management* 451: 117535.
- Sullivan, T.P. and D.S. Sullivan. 2019. Green-tree retention and relative habitat use by mule deer (*Odocoileus hemionus*) 20 years after harvest of Douglas-fir (*Pseudotsuga menziesii*) – lodgepole pine (*Pinus contorta*) forest. *Forest Ecology and Management* 437: 426-434.
- Sullivan, T.P. and D.S. Sullivan. 2018. Population fluctuations and tree damage by red-backed voles (*Myodes gapperi*) after clearcut harvesting of coniferous forests. *Journal of Forest Research* (In press).
- Sullivan, T.P. and D.S. Sullivan. 2018. Long-tailed vole (*Microtus longicaudus*) population outbreaks and refugia after clearcutting of coniferous forests: The search for fluctuations and hotspots. *Crop Protection* 112: 49-55.
- Sullivan, T.P. and D.S. Sullivan. 2018. Creation of bunchgrass, sagebrush, and perennial grassland habitats within a semi-arid agricultural setting: Implications for small mammals. *Journal of Arid Environments* 156: 50-58.
- Lindgren, P.M.F. and T.P. Sullivan. 2018. Influence of repeated fertilization on forage production for native mammalian herbivores in young lodgepole pine forests. *Forest Ecology and Management* 417: 265-280.
- Sullivan, T.P. and D.S. Sullivan. 2018. Influence of living mulches on vole populations and feeding damage to apple trees. *Crop Protection* 108: 78-86.
- Sullivan, T.P. and D.S. Sullivan. 2018. Green-tree retention and recovery of a closed-canopy specialist, the southern red-backed vole (*Myodes gapperi*), 20 years after harvest. *Wildlife Research* (In press).

- Sullivan, T.P. and D.S. Sullivan. 2018. Maintenance of small mammals using post-harvest woody debris structures on clearcuts: Linear configuration of piles is comparable to windrows. *Mammal Research* 63: 11-19.
- Sullivan, T.P. and D.S. Sullivan. 2017. Influence of nitrogen fertilization on abundance and diversity of plants and animals in temperate and boreal forests. *Environmental Reviews* 25: 1-17.
- Sullivan, T.P., D.S. Sullivan, and J.H. Sullivan. 2017. Mammalian responses to windrows of woody debris on clearcuts: Abundance and diversity of forest-floor small mammals and presence of small mustelids. *Forest Ecology and Management* 399: 143-154.
- Sullivan, T.P., D.S. Sullivan, R. Boonstra, C.J. Krebs, and A. Vyse. 2017. Mechanisms of population limitation in the southern red-backed vole in conifer forests of western North America: insights from a long-term study. *Journal of Mammalogy* 98: 1367-1378.
- Lindgren, P.M.F., T.P. Sullivan, D.S. Sullivan, D.B. Ransome, and L. Zabek. 2017. Long-term influence of stand thinning and repeated fertilization on forage production in young lodgepole pine forests. *Canadian Journal of Forest Research* 47: 1123-1130.
- Sullivan, T.P. and D.S. Sullivan. 2017. Influence of stand thinning and repeated fertilization on forest ecosystems: 20-year responses of tree growth, structural attributes, and red-backed voles. *Forest Ecology and Management* 391: 207-220.
- Sullivan, T.P. D.B. Ransome, D.S. Sullivan, P.M.L. Lindgren, and W. Klenner. 2017. Tree squirrel abundance and demography in managed coniferous forests of British Columbia are within the range of natural fluctuations of old-growth stands. *Canadian Journal of Forest Research* 47:565582.
- Sullivan T.P., and Sullivan D.S. 2016. Acceleration of old-growth structural attributes in lodgepole pine forest: Tree growth and stand structure 25 years after thinning. *Forest Ecology and Management* 365: 96-106.
- Sullivan T.P., and Sullivan D.S. 2016. Wildfire, clearcutting, and vole populations: Balancing forest crop protection and biodiversity. *Crop Protection* 85: 9-16
- Sullivan, T.P. 2015. Conflict over habitat models and statistics for the northern spotted owl: Whither the future? *Forest Ecology and Management* 358: 353-354.
- Lindgren, P.M.F. and T.P. Sullivan. 2015. Mule deer – cattle interactions in managed coniferous forests during seasonal grazing periods in southern British Columbia, Canada. *Wildlife Research* 41: 691-702.
- Nadeau, M. and T.P. Sullivan. 2015. Relationships between plant biodiversity and soil fertility in a mature tropical forest, Costa Rica. *International Journal of Forestry Research* Volume 2015, Article ID 732946. 13 p.
- Fraser, L.H., W.L. Harrower, H.W. Garris, S. Davidson, P.D.N. Hebert, R. Howie, A. Moody, D. Polster, O.J. Schmitz, A.R.E. Sinclair, B.M. Starzomski, T.P. Sullivan, R. Turkington, and D. Wilson. 2015. A call for applying trophic structure in ecological restoration. *Restoration Ecology* (In press) doi:10.1111/rec.12225. 5 p.
- Craig, V.J., W. Klenner, M.C. Feller, and T.P. Sullivan. 2014. Population dynamics of meadow voles (*Microtus pennsylvanicus*) and long-tailed voles (*M. longicaudus*) and their relationship to downed wood in managed forests. *Mammal Research* 60:29-38.

- Sullivan, T.P., and D.S. Sullivan 2014. Fertilization, cattle grazing, and voles: Collapse of meadow vole populations in young forests? *Wildlife Research* 41: 367-378.
- Sullivan, T.P. and D.S. Sullivan. 2014. Diversifying clearcuts with green-tree retention and woody debris structures: Conservation of mammals across forest ecological zones. *Silva Fennica* Vol. 48 no. 5 article id 1219. 19 p.
- Sullivan, T.P. and D.S. Sullivan. 2014. Responses of red-backed voles (*Myodes gapperi*) to windrows of woody debris along forest-clearcut edges. *Wildlife Research* 41: 212-221.
- Craig, V.J., W. Klenner, M.C. Feller, and T.P. Sullivan. 2014. Population dynamics of red-backed voles (*Myodes gapperi*) and their relationship to downed wood in managed forests of southern British Columbia. *Canadian Wildlife Biology and Management* 3: 93-108.
- Sullivan, T.P. and D.S. Sullivan. 2014. Voles, trees, and woody debris structures as habitat: Balancing forest crop protection and biodiversity. *Crop Protection* 60: 70-77.
- Sullivan, T.P., D.S. Sullivan, J.H. Sullivan. 2014. Long-term responses in population dynamics and diversity of small mammals in riparian and upland habitats of an agrarian landscape. *Acta Theriologica* 59: 325-336.
- Stromgren, E.J. and T.P. Sullivan. 2014. Pitfall versus longworth livetrapping of shrews. *Acta Theriologica*. 59: 203-210.
- Lindgren, P.M.F. and T.P. Sullivan. 2014. Response of forage yield and quality to thinning and fertilization of young forests: Implications for silvopasture management. *Canadian Journal of Forest Research* 44: 281-289.
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2013. Stand structure and small mammals in intensively managed forests: Scale, time, and testing extremes. *Forest Ecology and Management* 310: 1071-1087.
- Sullivan, T.P. and D.S. Sullivan. 2013. Influence of removal sampling of small mammals on abundance and diversity attributes: Scientific implications. *Human-Wildlife Interactions* 7: 85-98.
- Lindgren, P.M.F. and T.P. Sullivan. 2013. Long-term responses of tree and stand growth of young lodgepole pine to pre-commercial thinning and repeated fertilization. *Forest Ecology and Management* 307: 155-164.
- Lindgren, P.M.F. and T.P. Sullivan. 2013. Influence of stand thinning and repeated fertilization on plant community abundance and diversity in young lodgepole pine stands: 15-year results. *Forest Ecology and Management* 308:17-30.
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2012. If we build habitat, will they come? Woody debris structures and conservation of forest mammals. *Journal of Mammalogy* 93: 1456-1468.
- Sullivan, T.P., D.S. Sullivan, and H.M. Thistlewood. 2012. Abundance and diversity of small mammals in response to various linear habitats in semi-arid agricultural landscapes. *Journal of Arid Environments* 83: 54-61.

- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2012. Silviculture and wildlife: Snowshoe hare abundance across a successional sequence of natural and intensively managed forests. *ISRN Ecology* 2012 1-10.
- Sullivan, T.P., D.S. Sullivan, and P.M.F. Lindgren. 2012. Influence of repeated fertilization and cattle grazing on forest ecosystems: Abundance and diversity of forest-floor small mammals. *Forest Ecology and Management* 270: 180-195.
- Lindgren, P.M.F. and T.P. Sullivan. 2012. Plant community responses during 10 years of cattle exclusion within thinned and repeatedly fertilized stands of young lodgepole pine. *Canadian Journal of Forest Research* 42: 1-12.
- Sullivan, T.P. and D.S. Sullivan. 2012. Woody debris, voles, and trees: Influence of habitat structures (piles and windrows) on long-tailed vole populations and feeding damage. *Forest Ecology and Management* 263: 189-198.
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, D.B. Ransome, J. Bull, and C. Ristea. 2011. Bioenergy or biodiversity: Woody debris structures and maintenance of red-backed voles on clearcuts. *Biomass and Bioenergy* 35: 4390-4398.
- Sullivan, T.P., D.S. Sullivan, and P.M.F. Lindgren. 2011. Partial harvesting of dry Douglas-fir forests: Stand structure, range habitats, and maintenance of biodiversity using small mammal indicators. *Forestry* 84: 247-257.
- Sullivan, T.P. and D.S. Sullivan. 2011. Balancing pest management and forest biodiversity: Vole populations and habitat in variable retention vs. clearcut harvested sites. *Crop Protection* 30: 833-843.
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2010. Green-tree retention and life after the beetle: Stand structure and small mammals 30 years after salvage harvesting. *Silva Fennica* 44: 749-774.
- Sullivan, T.P., D.S. Sullivan, P.M.F. Lindgren, and D.B. Ransome. 2010. Long-term responses of mammalian herbivores to stand thinning and fertilization in young lodgepole pine forest. *Can. J. For. Res.* 40: 2302-2312.
- Sullivan, T.P. and D.S. Sullivan. 2010. Forecasting vole population outbreaks in forest plantations: the rise and fall of a major mammalian pest. *For. Ecol. Manage.* 260: 983-993.
- 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.* 258S: S127-S141.
- 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.* 39: 1698-1708.
- 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.
- Sullivan, T.P. and D.S. Sullivan. 2008. Dynamics of peripheral populations of the Great Basin pocket mouse (*Perognathus parvus*) and western harvest mouse (*Reithrodontomys megalotis*) in southern British Columbia. *Can. Field-Naturalist.* 122:345-356.
- 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.* 256: 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.

- Kimmins, J.P., C. Welham, B. Seely, M. Meitner, R. Rempel, and T.P. Sullivan. 2005. Science in forestry: Why does it sometimes disappoint or even fail us? *For. Chron.* 81: 723-734.
- 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.
- Sullivan, T.P., R.A. Lautenschlager, and R.G. Wagner. 1999. Clearcutting and burning of northern spruce-fir forests: implications for small mammal communities. *J. Appl. Ecol.* 36: 327-344.
- Sullivan, T.P., D.S. Sullivan, and C. Kurta. 1999. Relations of small mammal populations to even-aged shelterwood systems: A reply. *J. Wildl. Manage.* 63: 1381-1389.
- Sullivan, T.P. C. Nowotny, R.A. Lautenschlager, and R.G. Wagner. 1998. Silvicultural use of herbicide in sub-boreal spruce forest: implications for small mammal population dynamics. *J. Wildl. Manage.* 62:1195-1205.
- Sullivan, T.P., R.G. Wagner, D.G. Pitt, R.A. Lautenschlager, and D.G. Chen. 1998. Changes in diversity of plant and small mammal communities after herbicide application in sub-boreal spruce forest. *Can. J. For. Res.* 28:168-177.
- Von Trebra, C., D. P. Lavender, and T.P. Sullivan, 1998. Relationship of small mammal populations to even-aged shelterwood systems in sub-boreal spruce forest. *J. Wildl. Manage.* 62:630-642.
- Burwash, M.D., M.E. Tobin, A.D. Woolhouse, and T.P. Sullivan. 1998. Laboratory evaluation of predator odors for eliciting an avoidance response in roof rats (*Rattus rattus*). *J. Chem. Ecol.* 24:49-66.
- Burwash, M.D., M.E. Tobin, A.D. Woolhouse, and T.P. Sullivan. 1998. Field testing synthetic predator odors for roof rats (*Rattus rattus*) in Hawaiian macadamia nut orchards. *J. Chem. Ecol.* 24:603-630.
- Sullivan, T.P., D.S. Sullivan, E.J. Hogue, R. A. Lautenschlager, and R.G. Wagner. 1998. Population dynamics of small mammals in relation to vegetation management in orchard agroecosystems: Compensatory responses in abundance and biomass. *Crop Protection* 17:1-11.

- Sullivan, T.P., D.S. Sullivan, R.A. Lautenschlager, and R.G. Wagner. 1997. Long-term influence of glyphosate herbicide on demography and diversity of small mammal populations in coastal coniferous forest. *Northwest Sci.* 71:6-16.
- Ransome, D.R. and T.P. Sullivan. 1997. Food limitations and habitat preferences of *Glaucomys sabrinus* and *Tamiasciurus hudsonicus*. *J. Mammal.* 78:538-549.
- Sullivan, T.P., W. Klenner, and P.K. Diggle. 1996. Response of red squirrel populations and feeding damage to variable stand density in young lodgepole pine forest. *Ecol. Applic.* 6: 1124-1134.
- Sullivan, T.P. 1996. Response of snowshoe hare populations to forest herbicide application: reproduction, growth, and survival. *Can. J. For. Res.* 26: 112-119.
- Sullivan, T.P. and J.O Boateng. 1996. Comparison of small mammal community responses to broadcast burning and herbicide application in cutover forest habitats. *Can. J. For. Res.* 26: 462-473.
- Runciman, J.B. and T.P. Sullivan. 1996. Influence of alternative conifer release treatments on habitat structure and small mammal populations in south-central British Columbia. *Can. J. For. Res.* 26:2023-2034.
- Sullivan, T.P., R.A. Lautenschlager, and R.G. Wagner. 1996. Influence of glyphosate on vegetation dynamics in different successional stages of sub-boreal spruce forest. *Weed Tech.* 10: 439-446.
- Cheng, C., J.P. Kimmins, and T.P. Sullivan. 1996. Forest fertilization with biosolids: impact on small mammal population dynamics. *Northwest Sci.* 70: 252-261.
- Sullivan, T.P. 1994. Influence of herbicide-induced habitat alteration on vegetation and snowshoe hare populations in sub-boreal spruce forest. *J. Appl. Ecol.* 31: 717-730.
- Sullivan, T.P., J.A. Krebs, and P.K. Diggle. 1994. Prediction of stand susceptibility to feeding damage by red squirrels in young lodgepole pine. *Can. J. For. Res.* 24: 14-20.
- Zimmerling, L.M. and T.P. Sullivan. 1994. Influence of mustelid semiochemicals on population dynamics of the deer mouse (*Peromyscus maniculatus*). *J. Chem. Ecol.* 20: 667-689.
- Sullivan, T.P. and W. Klenner. 1993. Influence of diversionary food on red squirrel populations and damage to crop trees in young lodgepole pine forest. *Ecol. Applic.* 3: 708-718.
- Sullivan, T.P. 1993. Feeding damage by bears in managed forests of western hemlock - western red cedar in midcoastal British Columbia. *Can. J. For. Res.* 23: 49-54.
- Sullivan, T.P., H. Coates, L. Jozsa, and P.K. Diggle. 1993. Influence of feeding damage by small mammals on tree growth and wood quality in young lodgepole pine. *Can. J. For. Res.* 23: 799-809.
- Sullivan, T.P., Z. Jin, H. Li, and S. Wang. 1993. Comparison of small mammal populations and diversity in northeast China and northwest Canada. *Northwest Sci.* 67: 189-195.
- Cheng, C., D. Hay, T.P. Sullivan, and J.L. Isaac-Renton. 1993. Ability of a small wild rodent (*Peromyscus maniculatus*) to host strains of human-type *Giardia duodenalis*. *Int. J. Environ. Health Res.* 3: 203-208.

- Rodgers, A.R., D. Williams, A.R.E. Sinclair, T.P. Sullivan, and R.J. Andersen. 1993. Does nursery production reduce anti-herbivore defences of white spruce? Evidence from feeding experiments with snowshoe hares. *Can. J. For. Res.* 23: 2358-2361.
- Sullivan, T.P., D.R. Crump, H. Wieser, and E.A. Dixon. 1992. Influence of the plant antifeedant, pinosylvin, on suppression of feeding by snowshoe hares. *J. Chem. Ecol.* 18: 1151-1164.
- Sullivan, T.P. and W. Klenner. 1992. Response to Koford: red squirrels and supplemental feeding. *J. Mammal.* 73: 933-936.
- Sullivan, T.P., Z. Jin, H. Li, and S. Wang. 1991. Control of vole populations in young pine plantations in northeast China. *For. Chron.* 67: 43-47.
- Sullivan, T.P. and W.L. Martin. 1991. Influence of site factors on incidence of vole and lemming damage to forest plantations in west-central British Columbia. *West. J. Appl. For.* 6: 64-67.
- Merkens, M., A.S. Harestad, and T.P. Sullivan. 1991. Cover and the efficacy of predator-based repellents for Townsend's vole, *Microtus townsendii*. *J. Chem. Ecol.* 17: 401-412.
- Sullivan, T.P., D.R. Crump, H. Wieser, and E.A. Dixon. 1990. Response of pocket gophers (*Thomomys talpoides*) to an operational application of synthetic semiochemicals of stoat (*Mustela erminea*). *J. Chem. Ecol.* 16: 941-949.
- Sullivan, T.P., D.R. Crump, H. Wieser, and E.A. Dixon. 1990. Comparison of release devices for stoat (*Mustela erminea*) semiochemicals used as montane vole (*Microtus montanus*) repellents. *J. Chem. Ecol.* 16: 951-957.
- Sullivan, T.P. 1990. Demographic responses of small mammal populations to a herbicide application in coastal coniferous forest. Population density and resiliency. *Can. J. Zool.* 68: 874-883.
- Sullivan, T.P. 1990. Influence of forest herbicide on deer mouse and Oregon vole population dynamics. *J. Wildl. Manage.* 54: 566-576.
- Sullivan, T.P. 1990. Responses of red squirrel (*Tamiasciurus hudsonicus*) populations to supplemental food. *J. Mammal.* 71: 579-590.