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EFFECTS OF FIRE ON FAUNA: A BIBLIOGRAPHY

compiled by

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- Abbott, I. (1984). Changes in the abundance and activity of certain soil and litter fauna in the Jarrah Forest of western Australia after a moderate intensity fire. *Australian Journal of Soil Research* 22(4): 463-469.
- Abbott, I., Burbidge, T., Strehlow, K., Mellican, A. & Wills, A. (2002). Logging and burning impacts on cockroaches, crickets and grasshoppers, and spiders in jarrah forest, Western Australia. *Forest Ecology and Management* 174: 383-399.
- Abensperg-Traun, M., Steven, D. & Atkins, L. (1997). The influence of plant diversity on the resilience of harvester termites to fire. *Pacific Conservation Biology* 3(3): 221-234.
- Adam, P. & Robinson, D. (1996). Negative effects of fuel-reduction burning on the habitat of the Grey-crowned Babbler *Pomatostomus temporalis*. *Victorian Naturalist* 113: 4-9.
- Adams, R. & Simmons, D. (1999) Ecological Effects of Fire Fighting Foams and Retardants. Proceedings, Australian Bushfire Conference, Albury, July 1999.
- Agee, J.K. (1981). Fire effects on Pacific northwest forests: flora, fuels, and fauna. In: *Northwest Forest Fire Council Proceedings*. Northwest Forest Fire Council, Portland, Oregon. pp. 54-66.
- Ahlgren, C.B. (1966). Small mammals and reforestation following prescribed burning. *Journal of Forestry* 64: 614-618.
- Aigner, P.A. (1996). *Effects of firewood harvesting on avian abundance and guild structure in a California oak-pine woodland*. Thesis. Northern Arizona University. 117 p.
- Aigner, P.A., Block, W.M. & Morrison, M.L. (1998). Effect of firewood harvesting on birds in a California oak-pine woodland. *Journal of Wildlife Management* 62(2): 485-496.
- Aitchison-Benell, C.W. (1994). Responses to fire by taiga spiders. *Proceedings of the Entomological Society of Ontario* 125: 29-41.
- Alberton, J.G. (1996). *Succession of small mammal communities after fire and reintroduction of Swamp Antechinus, Antechinus minimus*. Ph.D. Thesis, Deakin University, Geelong.
- Albin, D.P. (1979). Fire and stream ecology in some Yellowstone tributaries. *California Fish and Game* 65: 216-238.
- Aleman, A. & Nebot, E. (2006). Prescribed burns like tool of investigation, management and conservation of fauna in Catalonia. *Forest Ecology and Management* 234(1): S202.
- Almeida, J. (1991). Some effects of forest fires on birds: notes from the Margaraça wood case, Portugal. *Ardeola* 38: 233-238.
- Amacher, A.J., Barrett, R.H., Moghaddas J.J., Stephens, S.L. (2008). Preliminary effects of fire and mechanical fuel treatments on the abundance of small mammals in the mixed-conifer forest of the Sierra Nevada. *Forest Ecology and Management* 255: 3193-3202
- Andersen, A.N. (1991). Responses of ground-foraging ant communities to three experimental fire regimes in a savanna forest of tropical Australia. *Biotropica* 23(4): 575-585.
- Andersen, A.N. (1988). Immediate and longerterm effects of fire on seed predation by ants in sclerophyllous vegetation in south-eastern Australia. *Australian Journal of Ecology* 13: 285-293.
- Andersen, A.N., Cook, G.D., Corbett, L.K., Douglas, M.M., Eager, R.W., Russell-Smith, J.,

- Setterfield, S.A., Williams, R.J. & Woinarski, J.C.Z. (2005). Fire frequency and biodiversity conservation in Australian tropical savannas: implications from the Kapalga fire experiment. *Austral Ecology* 30(2): 155–167.
- Andersen, A.N. & Müller, W.J. (2000). Arthropod responses to experimental fire regimes in an Australian tropical savannah: ordinal-level analysis. *Austral Ecology* 25(2): 199-209.
- Andersen, A.N., Parr, C.L., Lowe, L.M. & Müller, W.J. (2007). Contrasting fire-related resilience of ecologically dominant ants in tropical savannas of northern Australia. *Diversity & Distributions* 13(4): 438-446.
- Andersen, A.N. & Yen, A.L. (1985). Immediate effects of fire on ants in the semi-arid mallee region of north-western Victoria. *Australian Journal of Ecology* 10: 25–30.
- Andrew, D. (1996). *Post Fire Vertebrate Fauna Survey–Royal and Heathcote National Parks and Garawarra State Recreation Area–Draft Report to NSW National Parks and Wildlife Service Sydney South Region*. Unpublished report.
- Andrew, D. (2000). Frequent fuel-reduction burning: the role of logs and associated leaf litter in the conservation of ant biodiversity. *Austral Ecology* 25: 99-107.
- Andrew, D. (2001). *Post fire vertebrate fauna survey: Royal and Heathcote national parks and Garawarra State Recreation Area*. New South Wales National Parks and Wildlife Service, Hurstville, Australia.
- Andrew, N., Rodgerson, L. & York, A. (2000). Frequent fuel-reduction burning: the role of logs and associated leaf litter in the conservation of ant biodiversity. *Austral Ecology* 25(1): 99–107.
- Apfelbaum, S. & Haney, A. (1981). Bird populations before and after wildfire in a Great Lakes pine forest. *Condor* 83: 347-354.
- Apigian, K.O., Dahlsten, D.L. & Stephens, S.L. (2006). Fire and fire surrogate treatment effects on leaf litter arthropods in a western Sierra Nevada mixed-conifer forest. *Forest Ecology and Management* 221(1): 110-122.
- Aquilani, S.M., Leblanc, D.C. & Morrell, T.E. (2000). Effects of prescribed surface fires on ground- and shrub-nesting Neotropical migratory birds in a mature Indiana oak forest, USA. *Natural Areas Journal* 20: 317–24.
- Arianoutsou, M. (2006). Wildland Fires Impacts: a State of the Art, final version. In: *EUFIRELAB: Euro-Mediterranean Wildland Fire Laboratory, a “wall-less” Laboratory for Wildland Fire Sciences and Technologies in the Euro-Mediterranean Region*. Deliverable D-04-12. 98 pp.
- Arnan, X.A. (2006). *Dinàmica postincendi i interaccions entre plantes i formigues mediterrànies*. Ph.D. Thesis, Autonomous Univ. of Barcelona, 149 pp.
- Arnan, X., Rodrigo, A. & Retana, J. (2006). Post-fire recovery of Mediterranean ground ant communities follows vegetation and dryness gradients. *Journal of Biogeography* 33(7): 1246–1258.
- Arnold, G.W., Smith, G.T., Rowley, I.C.R., & Brooker, M.G. (1993). The effects of fire on the abundance and distribution of animals in Australian ecosystems, with emphasis on Mediterranean ecosystems. In L. Trabaud & R. Prodon (Eds.), *Fire in Mediterranean ecosystems* (pp. 237–257). Commission of the European Communities.

- Arrizabalaga, A. & Llimona, F. (1996). Efectes del foc sobre la fauna i recuperació de la fauna després del foc. In Terradas, J. *Ecologia del foc*. Proa, Barcelona. pp. 173-188.
- Arrizabalaga, A., Montagud, E. & Fons, R. (1993). Post-fire succession in small mammal communities in the Montserrat massif (Catalonia, Spain). In Trabaud, L. & Prodon, R. (eds.). *Fire in Mediterranean Ecosystems*. Ecosystems Research Report, 5. Commission of the European Communities, Brussels. pp. 281-291.
- Artman, V.L. & Dettmers, R. (2003). Breeding bird communities. In: E.K. Sutherland & T.F. Hutchinson (eds.). *Characteristics of Mixed-Oak Forest Ecosystems in Southern Ohio Prior to the Reintroduction of Fire*. USDA Forest Service GTR NE-299. pp. 139-156.
- Artman, V.L. & Downhower, J.F. (2003). Wood thrush (*Hylocichla mustelina*) nesting ecology in relation to prescribed burning of mixed-oak forest in Ohio. *Auk* 120:874–882.
- Artman, V.L., Hutchinson, T.F. & Brawn, J.D. (2005). Fire ecology and bird populations in eastern deciduous Forests. *Studies in Avian Biology* 30: 127–138.
- Artman, V.L., Sutherland, E.K., Downhower, J.F. (2001). Prescribed burning to restore mixed-oak communities in southern Ohio: effects on breeding-bird populations. *Conservation Biology* 15: 1423–1434.
- Ashcraft, G.C. (1979). Effects of fire on deer in chaparral. *Cal-Neva Wildlife Transactions* 1979: 177-189.
- Athias-Binche, F., Briard, J., Fons, R. & Sommer, F. (1987). Study of the ecological influence of fire on fauna in Mediterranean ecosystems (soil and above ground layer). Patterns of post-fire recovery. *Ecología Mediterránea* 13: 135–153.
- Ayres, M.P., Lombardero, M.J., Ayres, B.D., Shumate, A.M. & Santoro, A.E. (1999). *The biology and management of bark beetles in old growth pine forests of Itasca State Park. Ch. 6. Fire, bark beetles, and tree mortality*. Great Lakes Institute for Pine Ecosystem Research. pp. 51-62
- Badejo, M.A. (1994). Effect of accidental fire on soil mite density in a forest reserve in Nigeria. *Experimental and Applied Acarology* 18(11): 703-710.
- Baker, J. (1997). The decline, response to fire, status and management of the Eastern Bristlebird. *Pacific Conservation Biology* 3(3): 235-243
- Bailey, J.K. & Whitham, T.G. (2002). Interactions among fire, aspen, and elk affect insect diversity: reversal of a community response. *Ecology* 83(6): 1701-1712.
- Bakke, A. (1996). Influence of forest fire on the beetle fauna. *Rapp. Skogforsk* 396: 1–20. [Norwegian with English summary].
- Bakke, A. (1996). *Virkningen av skogbrann på billefaunaen= Influence of forest fire on the beetle fauna*, Norsk institutt for skogforskning: Institutt for skogfag, NLH.
- Baldwin, H.Q. (2005). *Effects of fire on home range size, site fidelity and habitat associations of grassland birds overwintering in Southeast Texas*. M.S. Thesis, Louisiana State University
- Bamford, M.J. (1985a). *The dynamics of small vertebrates in relation to fire in banksias woodland near Perth, Western Australia*. Ph.D. Thesis, Murdoch University.
- Bamford, M.J. (1985b). The fire-related dynamics of small vertebrates in Banksia woodland: a summary of research in progress. In J. R. Ford (Ed.), *Fire ecology and management in*

- Western Australian ecosystems*. Western Australian Institute of Technology. pp. 107–110.
- Bamford, M.J. (1992). The impact of fire and increasing time after fire upon *Heleioporus eyrei*, *Limnodynastes dorsalis*, and *Myobatrachus gouldii* (Anura: Leptodactylidae) in Banksia Woodland near Perth, Western Australia. *Wildlife Research* 19: 169–178.
- Barlow, J., Haugaasen, T. & Peres, C.A. (2002). Effects of ground fires on understorey bird assemblages in Amazonian forests. *Biological Conservation* 105: 157-169.
- Barlow, J. & Peres, C.A. (2006). Effects of single and recurrent wildfires on fruit production and large vertebrate abundance in a central amazonian forest. *Biodiversity and Conservation* 15(3): 985-1012.
- Barro, S.C. & Conard, S.G. (1991). Fire effects on California chaparral systems: An overview. *Environment International* 17(2): 135-149.
- Barron, M.G. (1992). *Effect of cool and hot prescribed burning on breeding songbird populations in the Alabama piedmont*. Thesis, Auburn University.: 39 p.
- Barrow, L., Parr, C.L. & Kohen, J.L. (2007). Habitat type influences fire resilience of ant assemblages in the semi-arid tropics of Northern Australia. *Journal of Arid Environments* 69(1): 80-95.
- Bartos, D. (1998). Aspen, fire and wildlife. In: *Fire and wildlife in the Pacific Northwest—research, policy, and management*, 1998 April 6-8, Spokane, WA. pp. 44-48.
- Basile, J.V. (1979). *Elk-aspen relationships on a prescribed burn*. Res. Note INT-271. Ogden, UT: U.S. Department of Agriculture, Forest Service. 7 p.
- Bates, R. (1980). After the fire: some observations on the effect of the February 20, 1980 (Ash Wednesday) bushfires on wildlife in the Adelaide Hills. *South Australian Naturalist* 54: 77-79.
- Beall, F.C. (2000). *Introduction to the I-Zone. Ch. 7. Fire Ecology, Fuel Management, and Management of Endangered Species and Habitats*, pp. 7.1-7.22
- Beaudry, S., Duchesne, L.C. & Cote, B. (1997). Short-term effects of three forestry practices on carabid assemblages in a jack pine forest. *Canadian Journal of Forestry Research* 27(12): 2065-2071.
- Bebi, P., Kulakowski, D. & Veblen, T.T. (2003). Interactions between fire and spruce beetles in a subalpine rocky mountain forest landscape. *Ecology* 84(2): 362–371.
- Beck, A.M. & Vogl, R.J. (1972). The effects of spring burning on rodent populations in a brush prairie savanna. *Journal of Mammalogy* 53:336-346.
- Beckwith, R.C. & Werner, R.A. (1979). Effects of fire on arthropod distribution. In: Viereck, L.A., Dyrness, C.T., (tech. eds.). *Ecological effects of the Wickersham Dome fire near Fairbanks, Alaska*. Gen. Tech. Rep. PNW-GTR-90. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. pp. 53-55.
- Bendell, J.F. (1974). Effects of fire on birds and mammals. In: Kozlowski, T. T., Ahlgren, C. E., eds. *Fire and ecosystems*. Academic Press. pp. 73-138.

- Benshemesh, J. (1990). Management of malleefowl - with regard to fire. In J. C. Noble, P. J. Joss, & G. K. Jones (Eds.), *The mallee lands: a conservation perspective*. CSIRO. pp. 206–211.
- Benshemesh, J.S. (1992). *The conservation biology of malleefowl, with particular regard to fire*. Ph.D. Thesis, Monash University.
- Benson, L.A., Braun, C.E., Leininger, W.C. (1991). Sage grouse response to burning in the big sagebrush type. In: Comer, Robert D., Davis, Peter R., Foster, Susan Q., Grant, C. Val, Rush, Sandra, Thorne, Oakleigh, II, Todd, Jeffrey, eds. *Issues and technology in the management of impacted wildlife: Proceedings of a national symposium, 1991 April 8-10, Snowmass Resort, CO*. Thorne Ecological Institute. pp. 97-104.
- Bentz, J.A., Woodard, P.M. (1988). Vegetation characteristics and bighorn sheep use on burned and unburned areas in Alberta. *Wildlife Society Bulletin* 16(2): 186-193.
- Berenstain, L. (1986). Responses of long-tailed macaques to drought and fire in eastern Borneo: a preliminary report. *Biotropica* 18(3): 257-262.
- Bergmann, V. (1972). *Die Wirkung des Abbrennens der Bodendecke auf Organismen und Boden. Eine Literaturübersicht*. Zulassungsarbeit, Univ. Freiburg, 72 + VIII pp. (unveröff.).
- Best, L.B. (1979). Effects of fire on a field sparrow population. *American Midland Naturalist* 101(2): 434-442.
- Bevis, K.R., King, G.M., Hanson, E.E. (1997). Spotted owls and 1994 fires on the Yakama Indian Reservation. In: Greenlee, Jason M., ed. *Proceedings, 1st conference on fire effects on rare and endangered species and habitats, 1995 November 13- 16, Coeur d'Alene, ID*. International Association of Wildland Fire. pp. 117-122.
- Beyers, J.L. & Wirtz, W.O., II. (1997). Vegetative characteristics of coastal sage scrub sites used by California gnatcatchers: implications for management in a fire-prone ecosystem. In: Greenlee, Jason M., ed. *Proceedings, 1st conference on fire effects on rare and endangered species and habitats, 1995 November 13- 16, Coeur d'Alene, ID*. International Association of Wildland Fire. pp. 81-89.
- Bhadauria, T., Ramakrishnan, P.S. & Srivastava, K.N. (2000). Diversity and distribution of endemic and exotic earthworms in natural and regenerating ecosystems in the central Himalayas, India. *Soil Biology and Biochemistry* 32: 2045–2054.
- Bigalke, R.C. & Willan, K. (1984). Effects of fire regime on faunal composition and dynamics. In: Booyesen, P. de V., Tainton, N.M. (Eds.), *Ecological Effects of Fire in South African Ecosystems*. Ecological Studies, Springer, Berlin, pp. 256–271.
- Bisson, P.A., Rieman, B.E., Luce, C., Hessburg, P.F., Lee, D. C., Kershner, J.L., Reeves, G.H. & Gresswell R.E. (2003). Fire and aquatic ecosystems of the western USA: current knowledge and key questions. *Forest Ecology and Management* 178: 213-229.
- Biswell, H.H. (1961). Manipulation of chamise brush for deer range improvement. *California Fish and Game* 47(2): 125-144.
- Blackford, J.L. (1955). Woodpecker concentration in burned forest. *Condor* 57:28-30.
- Blake, J.G. (1982). Influence of fire and logging on nonbreeding bird communities of Ponderosa pine forests. *Journal of Wildlife Management* 46: 404-415.

- Blake, J.G. (2005). Effects of prescribed burning on distribution and abundance of birds in a closed-canopy oak-dominated forest, Missouri, USA. *Biological Conservation* 121(4): 519-531.
- Blanc, F. (2006). *Fire impact on avifauna related to the use of prescribed burning on biomass control and reduction*. V International Conference on Forest Fire Research, 27-30 November 2006, Figueira da Foz, Portugal
- Blanchard, B. & Knight, R.R. (1996). Effects of wildfire on grizzly bear movements and food habits. In: Greenlee, J.M., ed. *The ecological implications of fire in Greater Yellowstone: Proceedings, 2nd biennial conference on the Greater Yellowstone Ecosystem, 1993 September 19-21, Yellowstone National Park, WY*. International Association of Wildland Fire. pp. 117-122.
- Blanchard, V.J. (1991). *Stream-terrace hardwood forest as refuge for small mammals when adjacent pine forest is burned*. M.S. Thesis, Louisiana State University, Baton Rouge, LA, p. 89.
- Blanche, K.R., Andersen, A.N. & Ludwig, J.A. (2001). Rainfall-contingent detection of fire impacts: responses of beetles to experimental fire regimes. *Ecological Applications* 11(1): 86-96.
- Blankenship, D.J. (1982). Influence of prescribed burning on small mammals in Cuyamaca Rancho State Park, California. In: Conrad, C. Eugene, Oechel, Walter C., eds. *Proceedings of the symposium on dynamics and management of Mediterranean type ecosystems, 1981 Jun 22-26, San Diego, CA*. Gen. Tech. Report PSW-58. Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station. p. 587.
- Bliss, G., Marz, L. & Steenhoek, S. (1999). Forest fire has no significant effect on abundance or diversity of edaphic arthropods at CERA. *Tillers: A Journal of Prairie Restoration Research* 1(1).
- Bock, C.E. & Block, W.M. (2005). Response of birds to fire in the American Southwest. In: Ralph C. John, Rich, Terrell D., eds. *Bird conservation implementation and integration in the Americas: proceedings of the third International Partners in Flight Conference, March 20-24, 2002, Asilomar, California*. Gen. Tech. Rep. PSW-GTR-191. U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station. pp. 1093-1099
- Bock, C.E. & Block, W.M. (2005). Fire and birds in the southwestern United States. *Studies in Avian Biology* 30: 14-32.
- Bock, C.E. & Bock, J.H. (1978). Response of birds, small mammals, and vegetation to burning sacaton grasslands in southeastern Arizona. *Journal of Range Management* 31(4): 296-300.
- Bock, C.E. & Bock, J.H. (1983). Responses of birds and deer mice to prescribed burning in ponderosa pine. *Journal of Wildlife Management* 47(3): 836-840.
- Bock, C.E. & Bock, J.H. (1987). Avian habitat occupancy following fire in a Montana shrubsteppe. *Prairie Naturalist* 19(3): 153-158.
- Bock, C.E. & Bock, J.H. (1990). Effects of fire on wildlife in southwestern lowland habitats. In: Krammes, J. S., tech. coord. *Effects of fire management of southwestern natural resources: Proceedings, 1988 Nov. 15-17, Tucson, AZ*. Gen. Tech. Rep. RM-191. U.S.

- Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. pp. 50-64.
- Bock, C.E. & Bock, J.H. (1991). Response of grasshoppers (Orthoptera: Acrididae) to wildfire in a southeastern Arizona grasslands. *American Midland Naturalist* 125:162-167.
- Bock, C.E. & Bock, J.H. (1992). Response of birds to wildfire in native versus exotic Arizona grassland. *Southwestern Naturalist* 37(1): 73-81.
- Bock, C.E. & Lynch, J. F. (1970). Breeding bird populations of burned and unburned conifer forest in the Sierra Nevada. *Condor* 72: 182-189.
- Bock, C.E., Raphael, M. & Bock, J.H. (1978). Changing avian community structure during early post-fire succession in the Sierra Nevada. *Wilson Bulletin* 90: 119-123.
- Bond, M.L., Gutierrez, R.J., Franklin, A.B., LaHaye, W.S., May, C.A. & Seamans, M.E. (2002). Short-term effects of wildfires on spotted owl survival, site fidelity, mate fidelity, and reproductive success. *Wildlife Society Bulletin* 30(4): 1022-1028.
- Bornemissza, G.F. (1969). The re-invasion of burnt woodland areas by insects and mites. *Proceedings of the Ecological Society of Australia* 4: 138.
- Borsboom, A. (1983). *Summary report on a preliminary investigation of the effects of fire on the reptile community of State Forest 958, South East Queensland*. Internal report, Queensland Department of Primary Industries. Forest Service.
- Boughey, A.S. (1963). Interactions between animals, vegetation and fire in southern Rhodesia. *Ohio Journal of Science* 63: 193-209.
- Boulanger, Y. & Sirois, L. (2007). Postfire succession of saproxylic arthropods, with emphasis on Coleoptera, in the north boreal forest of Quebec. *Environmental Entomology* 36(1): 128-141.
- Boyce, M.S. & Merrill, E.H. (1991). Effects of the 1988 fires on ungulates in Yellowstone National Park. In: *High intensity fire in wildlands: management challenges and options: Proceedings, 17th fire ecology conference, 1989 May 18-21, Tallahassee, FL*. Tall Timbers Research Station. pp. 121-132.
- Bozek, M.A. & Young, M.K. (1994). Fish mortality resulting from delayed effects of fire in the Greater Yellowstone Ecosystem. *Great Basin Naturalist* 54(1): 91-95.
- Brabetz, R. (1978). Auswirkungen des kontrollierten Brennens auf Spinnen und Schnecken einer Brachfläche bei Rothenbuch im Hochspessart. Ein Beitrag zur Kenntnis der Spinnenfauna des Rhein-Main-Gebietes. *Courier Forschungs Institut Senckenberg* 29: 124 S.
- Bradley, T. & Tueller, P. (2001). Effects of fire on bark beetle presence on Jeffrey pine in the Lake Tahoe Basin. *Forest Ecology and Management* 142: 205-214.
- Bradstock, R.A., Bedward, M., Gill, A.M. & Cohn, J.S. (2005). Which mosaic? A landscape ecological approach for evaluating interactions between fire regimes, habitat and animals. *Wildlife Research* 32(5): 409-423.
- Braithwaite, R.W. (1985). Fire and fauna. *Kakadu Fauna Survey. Final report to Australian National Parks and Wildlife Service*, pp. 634-650.
- Braithwaite, R.W. (1987). Effects of fire regimes on lizards in the wet-dry tropics of Australia. *Journal of Tropical Ecology* 3(3): 265-275.

- Braithwaite, R.W. (1996). Biodiversity and fire in savanna landscapes. In O. Solbrig, E. Medina, & J. F. Silva (Eds.), *Biodiversity and savanna ecosystem processes: a global perspective* (pp. 121-140). Springer-Verlag.
- Branson, D.H. & Vermeire, L.T. (2007). COS 86-7: Variable impact of late summer fire and post-fire grazing intensity on grasshopper populations in a northern mixed-grass prairie. *ESA/SER Joint Meeting* (August 5 - August 10, 2007), San Jose, CA.
- Branson, D.H. & Vermeire, L.T. (2007). Grasshopper egg mortality mediated by oviposition tactics and fire intensity. *Ecological Entomology* 32 (1): 128–134.
- Breining, D.R., Larson, V.L., Duncan, B.W., Smith, R.B., Oddy, D.M. & Goodchild, M.R. (1995). Landscape patterns of Florida scrub jay habitat use and demographic success. *Conservation Biology* 9(6): 1442-1453.
- Breining, D.R., Larson, V.L., Oddy, D.M. & Smith, R.B. (1999). How does variation in fire history influence Florida scrub-jay demographic success? In: Greenlee, Jason, ed. *2nd conference, fire effects on rare and endangered species*, 29 March-1 April 1998, Coeur d'Alene, ID. International Association of Wildland Fire.
- Breining, D.R. & Schmalzer, P. A. (1990). Effects of fire on plants and birds in a Florida oak/palmetto scrub community. *American Midland Naturalist* 123: 64-74.
- Breining, D.R., Smith, R.B. (1992). Relationships between fire and bird density in coastal scrub and slash pine flatwoods in Florida. *American Midland Naturalist* 127: 233-240.
- Brennan, K.E.C., Ashby, L., Majer, J.D., Moir, M.L. & Koch, J.M. (2006). Simplifying assessment of forest management practices for invertebrates: How effective are higher taxon and habitat surrogates for spiders following prescribed burning? *Forest Ecology and Management* 231(1-3): 138-154.
- Brennan, L.A., Engstrom, R.T., Palmer, W.E., Hermann, S.M., Hurst, G.A., Burger, L.W. & Hardy, C.L. (1998). Whither wildlife without fire? In: *Proceedings of the Trans. 63rd North American Wildlife and Natural Resources Conference*, Wildlife Management Institute, Washington, DC, pp. 402–414.
- Brennan, L.A. & Hermann, S.M. (1994). Prescribed fire and forest pests: Solutions for today and tomorrow. *Journal of Forestry* 92(11): 34-37.
- Brennan, L.A., Lee, J.M., Staller, E., Wellendorf, S. & Fuller, R.S. (1997). Effects of seasonal fire applications on bobwhite brood habitat quality and hunting success. Abstract. Page 33 In: *Quail IV: Fourth National Quail Symp.* Tall Timbers Res. Sta., Tallahassee, FL. 48 pp.
- Brian, M.V., Mountford, M.D., Abbot, A. & Vincent, S. (1976). The changes in ant species distribution during ten years postfire regeneration of a heath. *Journal of Animal Ecology* 45: 115-133.
- Briani, D.C., Palma, A.R.T., Vieira, E.M. & Henriques, R.P.B. (2004). Post-fire succession of small mammals in the Cerrado of central Brazil. *Biodiversity and Conservation* 13(5): 1023-1037.
- Brisson, J.A., Strasburg, J.L. & Templeton, A.R. (2003). Impact of fire management on the ecology of collared lizard (*Crotaphytus collaris*) populations living on the Ozark Plateau. *Animal Conservation* 6(03): 247-254.
- Britton, D.L. (1991). The benthic macroinvertebrate fauna of a South African mountain stream

- and its response to fire. *Southern African Journal of Aquatic Sciences. Cape Town* 17(1): 51-64.
- Brooker, L.C. & Brooker, M.G. (1994). A model for the effects of fire and fragmentation on the population viability of the Splendid Fairy-wren. *Pacific Conservation Biology* 1: 344–358.
- Brooker, M. G. (1998). Fire and birds in a Western Australian heathland. *Emu* 98(4): 276-287.
- Brooker, M.G., & Rowley, I. (1991). Impact of wildfire on the nesting behaviour of birds in heathland. *Wildlife Research* 18: 249–263.
- Brotons, L., Herrando, S. & Martin, J.L. (2004). Bird assemblages in forest fragments within mediterranean mosaics created by wild fires. *Landscape Ecology* 19(6): 663-675.
- Brotons, L., Pons, P. & Herrando, S. (2004). Colonization of dynamic Mediterranean landscapes: where do birds come from after fire? *Journal of Biogeography* 31: 1-10.
- Brotons, L., Pons, P. & Herrando, S. (2005). Colonization of dynamic Mediterranean landscapes: where do birds come from after fire? *Journal of Biogeography* 32: 789-798.
- Brown, D.K., Echell, A.A., Propst, D.L., Brooks, J.E., Fisher, W.L. (2001). Catastrophic wildfire and number of populations as factors influencing risk of extinction for Gila trout (*Oncorhynchus gilae*). *West. N. Am. Naturalist* 61(2): 139-148.
- Brown, K.L., Gadd, L.S., Norton, T.W., Williams, J.E. & Klomp, N.I. (1998). The effects of fire on fauna in the Australian Alps National Parks: A database. A report to the Australian Alps Liaison Committee. *The Johnstone Centre Report*.
- Broza, M. & Izhaki, I. (1997). Post-fire arthropod assemblages in Mediterranean forest soils in Israel. *International Journal of Wildland Fire* 7 (4): 317–325.
- Broza, M., Poliakov, D., Weber, S. & Izhaki, I. (1993). Soil microarthropods on post-fire pine forest on Mount Carmel, Israel. *Water Science & Technology* 27(7-8).
- Brynard, A.M. (1964). The influence of veld burning on the vegetation and game of the Kruger National Park. *Ecological Studies in Southern Africa* (ed. D.H. S.Davis), pp. 371–393. Junk, The Hague, the Netherlands.
- Buck, C.H. (1979). Auswirkungen eines Waldbrandes auf Tiere und Pflanzen unter besonderer Berücksichtigung der Mäuse und Arthropoden. *Drosera* 2(5): 63-80.
- Buddle, C.M., Langor, D.W., Pohl, G.R. & Spence, J.R. (2006). Arthropod responses to harvesting and wildfire: Implications for emulation of natural disturbance in forest management. *Biological Conservation* 128(3): 346-357.
- Buddle, C.M., Spence, J.R. & Langor, D.W. (2000). Succession of boreal forest spider assemblages following wildfire and harvesting. *Ecography* 23(4): 424-437.
- Buhl, K.J. & Hamilton, S.J. (1998). Acute toxicity of fire-retardant and foam-suppressant chemicals to early life stages of Chinook salmon (*Oncorhynchus tshawytscha*). *Environmental Toxicology and Chemistry* 17: 1589–1599.
- Buhl, K.J. & Hamilton, S.J. (2000). Acute toxicity of fire-control chemicals, nitrogenous chemicals, and surfactants to rainbow trout. *Transactions of the American Fisheries Society* 129: 408–418.

- Bull, E.L. & Blumton, A.K. (1999). *Effect of fuels reduction on American martens and their prey*. Res. Note PNW-RN-539. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 9 p.
- Bull, E.L., Torgersen, T.R., Blumton, A.K., McKenzie, C.M. & Wyland, D.S. (1995). Treatment of an old-growth stand and its effects on birds, ants, and large woody debris: a case study. *Gen. Tech. Rep.* PNW-GTR-353. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 12 p.
- Bunnell, F.L. (1995). Forest-dwelling vertebrate faunas and natural fire regimes in British Columbia: patterns and implications for conservation. *Conservation Biology* 9(3): 636-644.
- Burbidge, A. (2001). Rare birds survive wilderness wildfire. *Conservation News* Nov, p. 2
- Burbidge, A.A. (1985). Fire and mammals in hummock grasslands of the arid zone. In: Ford, J. (Ed.). *Fire Ecology and Management in Ecosystems of Western Australia*. Proceedings of a Symposium. Western Australian Institute of Technology Campus, May 1985. Perth, Western Australia. pp. 91-94.
- Burbidge, A.H. (2003). Birds and fire in the Mediterranean climate of south-west Western Australia. In *Fire in Ecosystems of South-West Western Australia: Impacts and Management*. Backhuys, Leiden. pp. 321-347.
- Burbidge, A., Comer, S. & Danks, A. (2005). Threatened birds and wildfire in south-west Western Australia. *Wingspan*. Supplement 15(3): 18-20.
- Burbidge, A.H., Rolfe, J., McNee, S., Newbey, B. & Williams, M. (2007). Monitoring population change in the cryptic and threatened Western Ground Parrot in relation to fire. *Emu* 107(2): 79-88.
- Burger, L.W., Hardy, C. & Bein, J. (1998). Effects of prescribed fire and midstory removal on breeding bird communities in mixed pine-hardwood ecosystems of southern Mississippi. *Tall Timbers Fire Ecology Conference* 20:107-113.
- Burrow, A.L., Kazmaier, R.T., Hellgren, E.C. & Ruthven III, D.C. (2000). The effects of burning and grazing on survival, home range, and prey dynamics of the Texas horned lizard in a thornscrub ecosystem. In: Ford, W.M., Russell, K.R., Moorman, C.E. (eds.), *The Role of Fire in Nongame Wildlife Management and Community Restoration: Traditional Uses and New Directions*. Proceedings of a Special Workshop. USDA Forest Service. Northeastern Research Station. pp. 43-51.
- Burrows, N.D. & Friend, G. (1998). Biological indicators of appropriate fire regimes in southwest Australian ecosystems. *Tall Timbers Fire Ecology Conference Proceedings* 20: 413-421.
- Burton, T.A. (2005). Fish and stream habitat risks from uncharacteristic wildfire: Observations from 17 years of fire-related disturbances on the Boise National Forest, Idaho. *Forest Ecology and Management* 211(1-2): 140-149
- Bury, R.B. (2004). Wildfire, fuel reduction, and herpetofaunas across diverse landscape mosaics in northwestern forests. *Conservation Biology* 18(4): 968-975.
- Bury, R.B., Major, D.J. & Pilliod, D.S. (2002). Responses of amphibians to fire disturbance in Pacific Northwest forests: a review. In: Ford, W.M., Russell, K.R., Moorman, C.E. (Eds.), *The Role of Fire in Nongame Wildlife Management and Community Restoration*:

- Traditional Uses and New Directions*. U.S.D.A. Forest Service General Technical Report NE-288, pp. 34–42.
- Byrne, M.W. (2002). *Habitat use by female greater sage grouse in relation to fire at Hart Mountain National Antelope Refuge, Oregon*. M.S. Thesis, Oregon State University, Corvallis, OR.
- Cahill, A.J. & Walker, J.S. (2000). The effects of forest fire on the nesting success of the red-knobbed hornbill *Aceros cassidix*. *Bird Conservation International* 10(02): 109-114.
- Callaham, M.A., Jr., Blair, J.M., Todd, T.C., Kitchen, D.J. & Whiles, M.R. (2003). Macroinvertebrates in North American tallgrass prairie soils: effects of fire, mowing, and fertilization on density and biomass. *Soil Biology & Biochemistry* 35: 1079-1093.
- Campbell, A.J. (1973). *The Effects of Prescribed Burning on Surface Active Invertebrate Fauna in Pine and Eucalypt Forest Within the Australian Capital Territory*. BSc. (Hons) Thesis. ANU. Canberra, ACT. Australia.
- Campbell, A.J. & Tanton, M.T. (1981). Effects of fire on the invertebrate fauna of soil and litter of a eucalypt forest. *Fire and the Australian Biota*, pp. 273-310.
- Campbell, B.H. & Hinkes, M. (1983). Winter diets and habitat use of Alaska bison after wildfire. *Wildlife Society Bulletin* 11(1): 16-21.
- Campbell, J.W., Hanula, J.L. & Waldrop, T.A. (2007). Effects of prescribed fire and fire surrogates on floral visiting insects of the blue ridge province in North Carolina. *Biological Conservation* 134: 393-404.
- Canon, S.K., Urness, P.J. & DeByle, N.V. (1987). Habitat selection, foraging behavior, and dietary nutrition of elk in burned aspen forest. *Journal of Range Management* 40(5): 433-438.
- Carlile, L.D. (1997). Fire effects on threatened and endangered species and habitats of Fort Stewart Military Reservation, Georgia. In: Greenlee, Jason M., ed. *Proceedings, 1st conference on fire effects on rare and endangered species and habitats*, 1995 November 13-16, Coeur d'Alene, ID. International Association of Wildland Fire: 227-231.
- Carrel, J.E. (2003). Burrowing wolf spiders, *Geolycosa* spp. (Araneae: Lycosidae): Gap specialists in fire-maintained Florida scrub. *Journal of the Kansas Entomological Society* 76(4): 557-566.
- Carter, T.C., Ford, W.M. & Menzel, M.A. (2000). Fire and bats in the southeast and mid-Atlantic: more questions than answers? In: Ford, W.M., Russell, K.R., Moorman, C.E. (eds.), *The Role of Fire in Nongame Wildlife Management and Community Restoration: Traditional Uses and New Directions*. Proceedings of a Special Workshop. USDA Forest Service. Northeastern Research Station. pp. 139-143.
- Caruso, T. & Migliorini, M. (2006). Micro-arthropod communities under human disturbance: is taxonomic aggregation a valuable tool for detecting multivariate change? Evidence from Mediterranean soil oribatid coenoses. *Acta Oecologica* 30(1): 46-53.
- Castaño-Meneses, G. & Palacios-Vargas, J.G. (2003). Effects of fire and agricultural practices on neotropical ant communities. *Biodiversity and Conservation* 12(9): 1913-1919.

- Castellnou, J.E. (1999). Fire effects on birds and microfauna: a long term research project over the Tivissa range. International Symposium, Delfi Action, *Forest Fires: Needs & Innovations*, Athens, 18/19 November 1999, pp. 390-394.
- Castrale, J.S. (1982). Effects of two sagebrush control methods on nongame birds. *Journal of Wildlife Management* 46(4): 945-952.
- Catling, P.C. (1986). *Rattus lutreolus*, Colonizer of heathland after fire in the absence of *Pseudomys* species. *Australian Wildlife Research* 13(2): 127-139.
- Catling, P.C. (1991). Ecological effects of prescribed burning practices on the mammals of southeastern Australia. In: *Conservation of Australia's Forest Fauna*. (ed Lunney, D.), pp. 353-63. Royal Zoological Society of NSW, Mosman.
- Catling, P.C. & Newsome, A.E. (1981). Responses of the Australian vertebrate fauna to fire: an evolutionary approach. In A. M. Gill, R. H. Groves, & I. R. Noble (Eds.), *Fire and the Australian Biota*. Australian Academy of Science. pp. 273-310
- Catling, P.C., Newsome, A.E. and Dudzinski, G. (1982). Small mammals, habitat components, and fire in southeastern Australia. *Proceedings of the Symposium on Dynamics and Management of Mediterranean-Type Ecosystems*, June 22-26, 1981, San Diego, California, San Diego State University. United States Department of Agriculture Forest Service Pacific Southwest Forest and Range Experiment Station General Technical Report PSW-58, pp. 199-206.
- Caton, E.L. (1996). Post-fire habitat use by cavity-nesting birds in northwestern Montana. p. 25. In: *Fire in ecosystem management: Shifting the paradigm from suppression to prescription*. Program abstracts. Tall Timbers Research Station. Tallahassee, FL.
- Caton, E.L. (1996). *Effects of fire and salvage logging on the cavity-nesting bird community in northwestern Montana*. Ph.D. Dissertation. University of Montana. 115 pp.
- Caughley, J. (1985). Effect of fire on the reptile fauna of mallee. In: *Biology of Australian Frogs and Reptiles* (eds G Grigg, R Shine & H Ehmann) Royal Zoological Society of New South Wales, Sydney, pp. 31-34.
- Cavalcanti, R.B. & Alves, M.A.S. (1997). Effects of fire on savanna birds in Central Brazil. *Ornitologia Neotropica* 8: 85-87.
- Cavitt, J.F. (2000). Fire and a tallgrass prairie reptile community: Effects on Relative Abundance and Seasonal Activity. *Journal of Herpetology* 34(1): 12-20.
- Cerezuela, A.M., Fuentes, M.V. & Galán-Puchades, M.T. (1997 a). El modelo hospedador/parásito en la regeneración postincendio de ecosistemas mediterráneos. I. Hospedadores. *Acta Parasitol. Portug.* 4: 47.
- Cerezuela, A.M., Fuentes, M.V. & Galán-Puchades, M.T. (1997 b). El modelo hospedador/parásito en la regeneración de ecosistemas mediterráneos. II. Helmintos parásitos. *Acta Parasitol. Portug.* 4: 48.
- Chambers, B.Q. & Samways, M.J. (1998). Grasshopper response to a 40 year experimental burning and mowing regime, with recommendations for invertebrate conservation. *Biodiversity and Conservation* 7: 985-1012.
- Chandler, L.G. (1973). In the wake of a bushfire. *Wildlife in Australia* 10: 140-141.

- Chang, C. (1996). Ecosystem responses to fire and variations in fire regimes. In: *Sierra Nevada Ecosystem Project: Final report to Congress, vol. II, Assessments and scientific basis for management options*. University of California, Centers for Water and Wildland Resources. pp. 1071-1099.
- Chapman, A. (1985). *A fire-fauna study in Fitzgerald River National Park*. National Parks Authority of Western Australia. Unpublished Report.
- Chapman, A. & Harrington, G.N. (1997). Responses by birds to fire regime and vegetation at the wet sclerophyll/tropical rainforest boundary. *Pacific Conservation Biology* 3(3): 213-220.
- Chatto, R. (1995). The effects of fire on a breeding colony of Australian Pelicans. *Corella* 19: 70.
- Cheal, P.D., Day, J.C., & Meredith, C.W. (1979). *Fire in the national parks of north-west Victoria*. National Parks Service.
- Chen, Z., Grady, K., Stephens, S., Villa-Castillo, J. & Wagner, M.R. (2006). Fuel reduction treatment and wildfire influence on carabid and tenebrionid community assemblages in the ponderosa pine forest of northern Arizona, USA. *Forest Ecology and Management* 225(1-3): 168-177.
- Chew, R.M., Butterworth, B.B. & Grechman, R. (1959). The effects of fire on the small mammal populations of chaparral. *Journal of Mammalogy* 40(2): 253
- Christensen, P. (1974). The concept of fauna priority areas. In *Third Fire Ecology Symposium* (pp. 66-73). Forests Commission, Victoria.
- Christensen, P.E.S. (1980). The biology of *Bettongia penicillata* Gray, 1837, and *Macropus eugenii* (Desmarest, 1817) in relation to fire. *Forests Department of Western Australia Bulletin* 91.
- Christensen, P.E.S. (1982). Using prescribed fire to manage forest fauna. *Forest Focus* 25: 8-21.
- Christensen, P.E., & Kimber, P.C. (1975). Effect of prescribed burning on the flora and fauna of south-west Australian forests. *Proceedings of the Ecological Society of Australia* 7: 85-107.
- Christensen, P. & Maisey, K.G. (1987). The use of fire as a management tool in fauna conservation reserves in Nature Conservation. In: *The Role of Remnants of Native Vegetation* ed by DA Saunders, GW Arnold, AA Burbidge and AJM Hopkins. Surrey Beatty & Sons Pty. Ltd. Chipping Norton. NSW. pp. 323-329.
- Christensen, P., Recher, H., & Hoare, J. (1981). Responses of open forests (dry sclerophyll forests) to fire regimes. In A.M. Gill, R.H. Groves, & I.R. Noble (Eds.), *Fire and the Australian biota* (pp. 367-393). Australian Academy of Science.
- Christensen, P.E.S., Wardell-Johnson, G., & Kimber, P. (1985). Birds and fire in southwestern forests. In A. Keast, H. F. Recher, H. Ford, & D. Saunders (Eds.), *Birds of eucalypt forests and woodlands: ecology, conservation, management* (pp. 291-299). Surrey Beatty.
- Christian, D.P. (1977). Effects of fire on small mammal populations in a desert grassland. *Journal of Mammalogy* 58(3): 423-427.
- Cintra, R. & Sanaiotti, T. M. (2005). Fire effects on the composition of a bird community in an amazonian savanna (Brazil). *Brazilian Journal of Biology* 65: 683-695.

- Claridge, A.W. (1992). Is the relationship among mycophagous marsupials, mycorrhizal fungi and plants dependent on fire? *Australian Journal of Ecology* 17: 223-225.
- Clark, B. K. & Kaufman, D.W. (1990). Short-term responses of small mammals to experimental fire in tallgrass prairie. *Can. J. Zool.* 68: 2450-2454.
- Clark, H.W. (1935). Fire and bird populations. *The Condor* 37(1): 16-18
- Clayton, J.C. (2002). The effects of clearcutting and wildfire on grasshoppers and crickets (Orthoptera) in an intermountain forest ecosystem. *Journal of Orthoptera Research* 11(2): 163–167
- Cleary, D.F.R. (2003). An examination of scale of assessment, logging and ENSO-induced fires on butterfly diversity in Borneo. *Oecologia* 135(2): 313-321.
- Cleary, D.F.R. & Genner, M.J. (2004). Changes in rain forest butterfly diversity following major ENSO-induced fires in Borneo. *Global Ecology and Biogeography* 13(2): 129–140.
- Cleary, D.F.R & Grill, A. (2004). Butterfly response to severe ENSO-induced forest fires in Borneo. *Ecological Entomology* 29(6): 666–676.
- Cleary, D.F.R. & Mooers, A.O. (2004). Butterfly species richness and community composition in forests affected by ENSO-induced burning and habitat isolation in Borneo. *Journal of Tropical Ecology* 20: 359-367
- Cleary, D. F. R. & Mooers, A. (2006). Burning and logging differentially affect endemic vs. widely distributed butterfly species in Borneo. *Diversity and Distributions* 12: 409-416.
- Cleary, D. F. R., Mooers, A. O., Eichhorn, K. A. O., van Tol, J., de Jong, R. & Menken, S. B. J. (2004). Diversity and community composition of butterflies and odonates in an ENSO-induced fire affected habitat mosaic: a case study from East Kalimantan, Indonesia. *Oikos* 105(2): 426-448.
- Cleary, D.F.R., Priadjati, A., Suryokusumo, B.K. & Menken, S.B.J. (2006). Butterfly, seedling, sapling and tree diversity and composition in a fire-affected Bornean rainforest. *Austral Ecology* 31(1): 46-57.
- Clivillé, S., Montori, A., Llorente, G.A., Santos, X. & Carretero, M.A. (1997). El impacto de los incendios forestales sobre los anfibios. *Quercus* 138: 10-13.
- Colby, D.M. (2002). *Effects of Fire Frequency and the Red Imported Fire Ant on Native Insects in a Louisiana Longleaf Pine Savanna*. Ph.D. Dissertation, Dept. of Entomology, Louisiana State Univ.
- Cole, E.C., McComb, W.C., Newton, M., Chambers, C.L. & Leeming, J.P. (1997). Response of amphibians to clearcutting, burning, and glyphosate application in the Oregon Coast Range. *Journal of Wildlife Management* 61: 656–664.
- Coleman, T.W. & Rieske, L.K. (2006). Arthropod response to prescription burning at the soil–litter interface in oak–pine forests. *Forest Ecology and Management* 233(1): 52-60.
- Collett, N.G. (1998). Effects of two short rotation prescribed fires in autumn on surface-active arthropods in dry sclerophyll eucalypt forest of westcentral Victoria. *Forest Ecology & Management* 107: 253-273.
- Collett, N. (2003). Short and long-term effects of prescribed fires in autumn and spring on surface-active arthropods in dry sclerophyll eucalypt forests of Victoria. *Forest Ecology*

- and Management* 182(1): 117-138.
- Comer, S., Burbidge, A. & Danks, A. (2005). Mt Manypeaks fires: impacts on threatened birds. *South Coast Threatened Birds News* 9: 1, 13.
- Comer, S., Danks, A. & Burbidge, A. (2005). Noisy scrub-birds, western whipbirds and wildfire at Mt Manypeaks. *Western Australian Bird Notes* 113: 16-17.
- Connelly, J.W., Reese, K.P., Fischer, R.A. & Wakkinen, W.L. (2000). Response of a Sage Grouse breeding population to fire in southeastern Idaho. *Wildlife Society Bulletin* 28: 90-96.
- Conner, R.N. (1981). Fire and cavity nesters: data applicable to southern pine forests, bole feeders, and woodpeckers. Pp. 61-65 in Gene W. Wood (ed.), *Prescribed fire and wildlife in Southern forests*. The Belle W. Baruch Forest Science Institute of Clemson University, Georgetown, S.C.
- Constible, J.M., Gregory, P.T. & Anholt, B.R. (2001). Patterns of distribution, relative abundance, and microhabitat use of anurans in a boreal landscape influenced by fire and timber harvest. *Ecoscience* 8: 462-470.
- Converse, S.J., Block, W.M. & White, G.C. (2006). Small mammal population and habitat responses to forest thinning and prescribed fire. *Forest Ecology and Management* 228: 263-273.
- Converse, S.J., White, G.C. & Block, W.M. (2006). Small mammal responses to thinning and wildfire in ponderosa pine-dominated forests of the southwestern USA. *Journal of Wildlife Management* 70(6): 1711-1722.
- Cook Jr, S. F. (1959). The effects of fire on a population of small rodents. *Ecology* 40(1): 102-108.
- Cook, W.M. & Holt, R.D. (2006). Fire frequency and mosaic burning effects on a tallgrass prairie ground beetle assemblage. *Biodiversity and Conservation* 15(7): 2301-2323.
- Cooper, J.M. & Gilles, C. (2000). Breeding distribution of the Lewis's Woodpecker in the East Kootenay Trench in relation to fire. In: M. Darling (ed.), *Proceedings of a Conference on the Biology and Management of Species and Habitats at Risk*, Kamloops, B.C., 15 - 19 Feb., 1999. Vol. 1. B.C. Ministry of Environment, Lands and Parks, Victoria, B.C. and University College of the Cariboo, Kamloops, B.C. pp. 423-428.
- Coulson, R., Pulley, P. & Edson, L. (1979). Sampling considerations for evaluating the effects of mortality agents on bark beetles. Pp. 53-67 in Gene W. Wood (ed.), *Prescribed fire and wildlife in Southern forests*. The Belle W. Baruch Forest Science Institute of Clemson University, Georgetown, S.C.
- Coults, J.R.H. (1945). Effect of veld burning on the base exchange capacity of a soil. *South Africa Journal of Science*. 41: 218-224.
- Courtney, R.F. (1989). Pronghorn use of recently burned mixed prairie in Alberta. *Journal of Wildlife Management* 53(2): 302-305.
- Covert, K.A. (2003). *Hairy woodpecker winter ecology following wildfire: effects of burn severity and age*. M.Sc. Thesis, Northern Arizona University.
- Covert-Bratland, K.A., Block, W.M. & Theimer, T. (2006). Hairy woodpecker winter ecology in ponderosa pine forests representing different ages since wildfire. *Journal of Wildlife Management* 70(5): 1379-1392.

- Covert-Bratland, K.A., Theimer, T.C. & Block, W.M. (2007). Hairy woodpecker winter roost characteristics in burned ponderosa pine forest. *The Wilson Journal of Ornithology* 119(1): 43–52
- Cowley, R.D. (1974). Effects of prescribed burning on birds of the mixed species forests of West Central Victoria. In *Third Fire Ecology Symposium* (pp. 58-65). Forests Commission, Victoria.
- Cowley, R.D., Heislors, A., & Ealey, E.H.H. (1969). Effects of fire on wildlife. *Victoria's Resources* 11: 18-22.
- Coy, R. (1996). The impact of fire on soil invertebrates in *E. regnans* forest at Powelltown, Victoria. In: *Fire and Biodiversity. The Effects and Effectiveness of Fire Management*. Biodiversity Series, Paper No. 8. Biodiversity Unit, Department of the Environment Sport and Territories. Canberra, Australia. pp. 183-198.
- Crawford, D.N. (1979). Effects of grass and fires on birds in the Darwin area, Northern Territory. *Emu* 79: 150-152.
- Crête, M., Drolet, B., Huot J., Fortin, M.-J. & Doucet, G.J. 1995. Chronoséquence après feu de la diversité de mammifères et d'oiseaux au nord de la forêt boréale québécoise. *Canadian Journal of Forest Research* 25: 1 509- 15 18.
- Crowe, T.M., Schijf, J.C. & Gubb, A.A. (1981). Effects of rainfall variation, fire, vegetation and habitat physiognomy on a northern Cape animal community. *South African Journal of Wildlife Research* 11(3): 87-104.
- Crowner, A.W. & Barrett, G.W. (1979). Effects of fire on the small mammal component of an experimental grassland community. *Journal of Mammalogy* 60: 803-813.
- Cuesta, D., Taboada, Á., Calvo, L. & Salgado, J.M. (2006). Short-term effects of fire on arthropods in Calluna-heathlands in NW Spain. *Forest Ecology and Management* 234(1): S186.
- Culver, D. (1997). *Literature Review of Fire Ecology and Effects*. Report submitted to the United States Air Force Academy, The Colorado Natural Heritage Program. Colorado State University, Colorado Springs, Colorado. 155 pp.
- Cunnigham, S.C., Babb, R.D., Jones, T.R., Taubert, B.D. & Vega, R. (2002). Reaction of lizard populations to a catastrophic wildfire in a central Arizona mountain range. *Biological Conservation* 107: 193-201.
- Dajoz, R. (1998). Le feu et son influence sur les insectes forestiers. Mise au point bibliographique et présentation de trois cas observés dans l'ouest des États-Unis. *Bulletin de la Société Entomologique de France* 103: 299-312.
- Davis, J. (1967). Some effects of deer browsing on chamise sprouts after fire. *American Midland Naturalist* 77(1): 234-238.
- Davis, J.L. & Valkenburg, P. (1983). Calving in recently burned habitat by caribou displaced from their traditional calving area. *Proceedings, Alaska Science Conference* 34: 19.
- Davis, M.A., Peterson, D.W., Reich, P.B., Crozier, M., Query, T., Mitchell, E., Huntington, J. & Bazakas, P. (2000). Restoring savanna using fire: impact on the breeding bird community. *Restoration Ecology* 8:30–40.

- Davis, P.R. (1976). *Response of vertebrate fauna to forest fire and clearcutting in south central Wyoming*. Ph.D. dissertation, University of Wyoming, Laramie, WY.
- Davis, P.R. (1977). Cervid response to forest fire and clearcutting in southeastern Wyoming. *The Journal of Wildlife Management* 41(4): 785-788.
- Dawes-Gromadzki, T.Z. (2007). Short-term effects of low intensity fire on soil macroinvertebrate assemblages in different vegetation patch types in an Australian tropical savanna. *Austral Ecology* 32(6): 663-668.
- De Ronde, C., Trollope, W.S.W., Parr, C.J., Brockett, B. & Geldenhuys, C.J. (2004). Fire effects on flora and fauna. In: *Wildland Fire Management Handbook for Sub-Sahara Africa*.
- Dean, W.R.J. (1987). Birds associating with fire at Nylsvley Nature Reserve, Transvaal. *Ostrich* 58: 103-106
- Dean, W.R.J. (1989). Birds attracted to a fire in mountain fynbos. *Ostrich* 60: 87-88.
- DeBano, L.F., Neary, D.G. & Ffolliott, P.F. (1998). *Fire's effects on ecosystems*. John Wiley & Sons, Inc. 333 p.
- Debuse, V.J., King, J. & House, A.P.N. (2007). Effect of fragmentation, habitat loss and within-patch habitat characteristics on ant assemblages in semi-arid woodlands of eastern Australia. *Landscape Ecology* 22(5): 731-745.
- Dedman, V. (1983). G.F.N.C. Otway Regeneration Survey - Progress report. *Geelong Naturalist* 20: 52-56.
- Dedman, V. (1983). Mammals and birds after the fires: Forest Road, Anglesea. *Geelong Naturalist* 20: 27.
- Dedman, V. (1983). Moggs Creek: eight days later. *Geelong Naturalist* 20: 22-25.
- Dedman, V. (1983). Notes on the effects of the Ash Wednesday fire on the Ironbark Basin, Point Addis. *Geelong Naturalist* 20: 25-26.
- Dedman, V. (1983). G.F.N.C. Otways regeneration survey - 2nd progress report. *Geelong Naturalist* 20: 98-100.
- Dedman, V. (1984). Otways regeneration survey. Third progress report. *Geelong Naturalist* 21: 89-92.
- Dees, C.S., Clark, J.D. & Van Manen, F.T. (2001). Florida panther habitat use in response to prescribed fire. *The Journal of Wildlife Management* 65(1): 141-147.
- Delettre, Y.R. (1994). Fire disturbance of a chironomid (Diptera) community on heathlands. *The Journal of Applied Ecology* 31(3): 560-570.
- deMaynadier, P.G. & Hunter, M.L., Jr. (1995). The relationship between forest management and amphibian ecology: a review of the North American literature. *Environmental Reviews* 3: 230-261
- Dickson, B.G. (2006). *Multi-scale response of avian communities to prescribed fire: implications for fuels management and restoration treatments in southwestern ponderosa pine forests*. Colorado State University, Fort Collins, Colorado. Dissertation. 116 pp.

- Dickson, J.G. (1981). Effects of forest burning on songbirds. In: G.W. Wood (editor). *Prescribed fire and wildlife in southern forests*. Belle W. Baruch Forestry Science Institute, Clemson University, Georgetown, SC. pp. 67–72
- Dickson, J.G. (2000). Fire and bird communities in the South. In: Ford, W.M., Russell, K.R., Moorman, C.E. (eds.), *The Role of Fire in Nongame Wildlife Management and Community Restoration: Traditional Uses and New Directions*. Proceedings of a Special Workshop. USDA Forest Service. Northeastern Research Station. pp. 52-57.
- Dills, G.G. (1970). Effects of prescribed burning on deer browse. *The Journal of Wildlife Management* 34(3): 540-545.
- Dindal, D.L. and Metz, L.J. (1977). Community structure of Collembola affected by fire frequency. In: Mattson, W.J. (ed). *The Role of Arthropods in Forest Ecosystems*. Springer-Verlag, New York. pp. 88-95.
- Dodd, N.L. (1988). Fire management and southwestern raptors. In: Glinski, R. L., Pendleton, Beth Giron, Moss, Mary Beth, [and others], eds. *Proceedings of the southwest raptor symposium and workshop*, 1986 May 21-24, Tucson, AZ. NWF Scientific and Technology Series No. 11. National Wildlife Federation. pp. 341-347.
- Doi, T. (1988). Present status of large mammals in Kutai National Park after a large-scale fire in East Kalimantan. In: H. Tagawa and N. Wirawan, (eds.). *A Research on the Process of Earlier Recovery of Tropical Rain Forest After a Large Scale Fire in Kalimantan Timur, Indonesia*. Kagoshima University Research Center for the South Pacific Occasional Papers No. 14.
- Dolva, G. (1993). *The effect of fire on the ecology and life-history of the wood cricket Nambungia balyarta (Nemobiinae: Gryllidae)*. Unpublished Masters Thesis, University of Western Australia.
- Donnelly, D. & Giliomee, J.H. (1985). Community structure of epigaeic ants in a pine plantation and in newly burnt fynbos. *Journal of the Entomological Society of South Africa* 48(2): 259-265.
- Donnelly, D. & Giliomee, J.H. (1988). The epigaeic invertebrate fauna in South African fynbos of different ages after fire. *Mediterranean-type ecosystems. A data source book*. Kluwer, Dordrecht. pp. 201–204.
- Driscoll, D.A. & Roberts, J.D. (1997). Impact of fuel-reduction burning on the frog *Geocrinia lutea* in southwest Western Australia. *Australian Journal of Ecology* 22: 334-339.
- Driscoll, D.A. & Roberts, J.D. (1998). Corrigenda. *Australian Journal of Ecology* 23: 598.
- Dudley, J. G. & Saab, V.A. (2007). Home range size of Black-backed Woodpeckers in burned forests of southwestern Idaho. *Western North American Naturalist* 67(4): 593–600.
- Dunaway, M.A., Jr. (1976). *An evaluation of unburned and recently burned longleaf pine forest for bobwhite quail brood habitat*. Thesis. Mississippi State University. 32 p.
- Dunham, J.B., Young, M.K., Gresswell, R.E. & Rieman, B.E. (2003). Effects of fire on fish populations: landscape perspectives on persistence of native fishes and nonnative fish invasions. *Forest Ecology and Management* 178(1-2): 183-196.
- Dwyer, J.K. (2000). *Response of secondary cavity-nesting birds to wildfire in ponderosa pine forests of northern Arizona*. M. S. thesis, Northern Arizona University, Flagstaff, AZ.

- Dwyer, J.K. & Block, W.M. (2000). Effects of wildfire on densities of secondary cavity nesting birds in ponderosa pine forests of northern Arizona. *Tall Timbers Fire Ecology Conference Proceedings* 21:151–156
- Earl, S.R. & Blinn, D.W. (2003). Effects of wildfire ash on water chemistry and biota in South-Western USA streams. *Freshwater Biology* 48: 1015-1030.
- Edwards, R.Y. (1954). Fire and the decline of a mountain caribou herd. *The Journal of Wildlife Management* 18(4): 521-526.
- Egerton-Warburton, L. (2005). *Soil ecosystem indicators of post-fire recovery in the California chaparral*. Final Report to the National Commission on Science for Sustainable Forestry. 36 pp.
- Ehnstrom, B., Langstrom, B. & Hellqvist, C. (1995). Insects in burned forests-forest protection and faunal conservation (preliminary results). *Entomologica Fennica* 6: 109-117.
- Elliott, B. (1985). Changes in distribution of owl species subsequent to habitat alteration by fire. *Western Birds* 16(1): 25-28.
- Ellison, L.N. (1975). Density of Alaskan spruce grouse before and after fire. *Journal of Wildlife Management* 37: 468–471
- Emlen, J.T. (1970). Habitat selection by birds following a forest fire. *Ecology* 51(2): 343-345.
- Engstrom, R.T. & Brownlie, D.J. (2000). Burning for birds: concepts and applications. In: Ford, W.M., Russell, K.R., Moorman, C.E. (eds.), *The Role of Fire in Nongame Wildlife Management and Community Restoration: Traditional Uses and New Directions*. Proceedings of a Special Workshop. USDA Forest Service. Northeastern Research Station. pp. 58-64.
- Engstrom, R.T., Mcnair, D.B., Brennan, L.A., Hardy, C.L. & Burger, L.W. (1996). Influence on birds of dormant versus lightning-season prescribed fire in longleaf pine forests: experimental design and preliminary results. *North American Wildlife and Natural Resources Conference* 61: 200–207.
- Engstrom, R.T., Vickery, P.D., Perkins, D.W. & Shriver, W.G. (2005). Effects of fire regime on birds in southeastern pine savannas and native prairies. *Studies in Avian Biology* 30: 147-160.
- Erwin, W.J. & Stasiak, R.H. (1979). Vertebrate mortality during the burning of reestablished prairie in Nebraska. *American Midland Naturalist* 101(1): 247-249.
- Etchberger, R.C. (1990). Effects of fire on desert bighorn sheep habitat. In: Krausman, Paul R., Smith, Norman S., eds. *Managing Wildlife in the Southwest Symposium*. pp. 53-57.
- Evans, W.G. (1966). Perception of infrared radiation from forest fires by *Melanophila accurninuta* de Geer (Buprestidae: Coleoptera). *Ecology* 47: 1061-1065.
- Evans, W.G. (1971). The attraction of insects to forest fires. In: *Proceedings, Tall Timbers conference on ecological animal control by habitat management*, 1971 February 25-27, Tallahassee, FL. Number 3. Tall Timbers Research Station. pp. 115-127.
- Evans, W.G. (1973). Fire beetles and forest fires. *Insect World Digest* 1: 14-17.
- Fa, J.E. & Sanchez-Cordero, V. (1993). Small mammal population responses to fire in a Mexican high-altitude grassland. *Journal of Zoology, London* 230: 343-347.

- Fala, R.A. (1975). Effects of prescribed burning on small mammal populations in a mixed-oak clearcut. *Journal of Forestry* 73(9): 586-587.
- Faria, A.S., Lima, A.P. & Magnusson, W.E. (2004). The effects of fire on behaviour and relative abundance of three lizard species in an Amazonian savanna. *Journal of Tropical Ecology* 20(05): 591-594.
- Farji-Brener, A.G., Corley, J.C. & Bettinelli, J. (2002). The effects of fire on ant communities in north-western Patagonia: the importance of habitat structure and regional context. *Diversity and Distributions* 8(4): 235-243.
- Feliu, C., Fons, R., Galán-Puchades, M.T. & Fuentes, M.V. (1992). Les helminthes de micromammifères comme traceurs de la colonisation animale postincendie. *Atelier International sur l'action du feu dans les écosystèmes méditerranéennes*. Banyuls-sur-Mer, France, 21-25 Sept. 1992.
- Feliu, C., Fons, R., Mas-Coma, S., Galán-Puchades, M.T., Fuentes, M.V., Blasco, S. & Grabulosa, I. (1993). The helminth parasites as markers on the dynamics of micromammals recolonization after fire. Pp. 271-279. In: L. Trabaud & R. Prodon (eds.). *Fire in Mediterranean Ecosystems*. Commission of the European Communities, Brussels.
- Fèlix, J., Budó, J., Capalleras, X. & Farré, M. (1989). Estructura de una población de tortuga mediterránea antes y después de un incendio forestal. *Treb. Soc. Cat. Ictiol. Herpetol.* 2: 210-223.
- Fèlix, J., Budó, J., Capalleras, X. & Farré, M. (1990). Conseqüències dels incendis en una població de tortuga mediterrània (*Testudo hermanni hermanni* Gmelin, 1789). *Annals I.E.E.* 23: 13-26.
- Fellers, G.M., Pratt, D. & Griffin, J.L. (2004). Fire effects on the Point Reyes mountain beaver at Point Reyes National Seashore, California. *The Journal of Wildlife Management* 68(3): 503-508.
- Fernández, C. & Sánchez, F. J. (1996). Efectos del fuego sobre los ecosistemas acuáticos y las comunidades de peces. *Quercus* 126: 26-29.
- Fernandez, F. & Costas, S. (2004). Recolonization of a burnt pine forest (*Pinus pinaster*) by Carabidae (Coleoptera). *European Journal of Soil Biology* 40(1): 47-53.
- Figueiredo, S.V. (1991). *Efeito do fogo sobre o comportamento e sobre a estrutura da avifauna de cerrado*. Unpublished M. Sc. thesis, Departamento de Ecologia, Universidade de Brasíia, Brasil.
- Finch, D.M., Ganey, J.L., Yong, W., Kimball, R.T. & Sallabanks, R. (1997). Effects and interactions of fire, logging, and grazing. In: *Songbird ecology in southwestern ponderosa pine forests: a literature review*. Gen. Tech. Rep. RM-GTR-292. US Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. pp. 103-136.
- Fischer, R.A. (1994). *The effects of prescribed fire on the ecology of migratory sage grouse in southeastern Idaho*. Ph.D. Thesis, University of Idaho, Moscow. 150pp.
- Fischer, R.A., Reese, K.P. & Connelly, J.W. (1996). An investigation on fire effects within xeric sage grouse brood habitat. *Journal of Range Management* 49(3): 194-198.

- Fischer, R.A., Wakkinen, W.L., Reese, K.P., & Connelly, J.W. (1997). Effects of prescribed fire on movements of female Sage Grouse from breeding to summer ranges. *Wilson Bulletin* 109:82–91.
- Fisher, J.T. (1996). Fire in flora and fauna management. *Fire and Biodiversity. The Effects and Effectiveness of Fire Management*. Biodiversity Series Paper. pp. 241–246.
- Fisher, J.T. & Wilkinson, L. (2005). The response of mammals to forest fire and timber harvest in the North American boreal forest. *Mammal Review* 35(1): 51–81.
- Fitzgerald, C.S., Krausman, P.R. & Morrison, M.L. (2001). Short-term impacts of prescribed fire on a rodent community in desert grasslands. *The Southwestern Naturalist* 46(3): 332–337.
- Fitzgerald, S.M. & Tanner, G.W. (1992). Avian community response to fire and mechanical shrub control in south Florida. *Journal of Range Management* 45(4): 396–400.
- Fitzpatrick, J.W., Woolfenden, G.E. & Curry, R.L. (1994). Fire and conservation biology of Florida scrub jays. *Journal für Ornithologie* 135: 493–494.
- Fleishman, E. (2000). Monitoring the response of butterfly communities to prescribed fire. *Environmental Management* 26(6): 685–695.
- Floyd, T.M., Russell, K.R., Moorman, C.E., Van Lear, D.H., Gynn, D.C. Jr & Lanham, J.D. (2001). Effects of prescribed fire on herpetofauna within hardwood forests of the upper piedmont of South Carolina: a preliminary analysis. *Proceedings of the Eleventh Biennial Southern Silvicultural Research Conference*. pp. 118–122.
- Folk, R.H.I. & Bales, C.W., 1982. An evaluation of wildlife mortality resulting from aerial ignition prescribed burning. *Proc. Annu. Conf. Southeastern Assoc. Fish/Wildlife Agencies* 36: 643–646.
- Fons, R., Grabulosa, I., Feliu, C., Mas-Coma, S., Galan-Puchades, M.T. & Comes, A.M. (1993). Postfire dynamics of a small mammal community in a mediterranean forest (*Quercus suber*). In Trabaud, L. & Prodon, R. (eds.). *Fire in Mediterranean Ecosystems*. Ecosystems Research Report, 5. Commission of the European Communities, Bruxelles. Pp. 259–270.
- Fons, R., Grabulosa, I., Marchand, B., Miquel, J., Feliu, C. & Mas-Coma, S. (1996). Mammifères et incendie en milieu méditerranéen. Responses de l'insectivore *Crociodura russula* (Soricidae) et du rongeur *Eliomys quercinus* (Gliridae) en forêt de chênes-lièges brûlée. *Vie Milieu* 46: 313–318.
- Fons, R., Grabulosa, I., Saint Girons, M.C., Galan-Puchades, M.T. & Feliu, C. (1988). Incendie et cicatrisation des écosystèmes méditerranéens. Dynamique du repeuplement en micromammifères. *Vie Milieu* 38: 259–280.
- Fontaine, J.B., Donato, D.C., Beverly, E., Kauffman, J.B. & Robinson, W.D. (2007). COS 86-8: Bird community structure following multiple high severity fires and post-fire logging in the Klamath-Siskiyou region. *ESA/SER Joint Meeting* (August 5 - August 10, 2007), San Jose, CA.
- Force, D.C. (1982). Postburn insect fauna in southern California chaparral. *Proceedings of the Symposium on Dynamics and Management of Mediterranean-Type Ecosystems*, June 22–26, 1981, San Diego, California, San Diego State University. United States Department of

- Agriculture Forest Service Pacific Southwest Forest and Range Experiment Station
General Technical Report PSW-58, pp. 234-240.
- Ford, P.L. (2002). Small-mammal community response to fire in shortgrass steppe of the southern Great Plains. In: *Wildlife, land, and people: priorities for the 21st century*. Proceedings of the Second International Wildlife Management Congress, 1999 June 28-July 2, Godollo, Hungary. The Wildlife Society, Bethesda, Maryland, USA, pp. 155-157.
- Ford, P.L. (2003). Landscape response of Orthoptera to fire in shortgrass steppe. In session: Landscape issues and wildlife management. *Published abstract of 3rd International Wildlife Management Congress*. 2003 December 1-5, Christchurch, New Zealand, p. 372.
- Ford, P.L. (2007). Shared community patterns following experimental fire in a semiarid grassland. In: *Proceedings, IV International Wildland Fire Conference*, Sevilla, Spain.
- Ford, W.M., Menzel, M.A., McGill, D.W., Laerm, J. & McCay, T.S. (1999). Effects of a community restoration fire on small mammals and herpetofauna in the southern Appalachians. *Forest Ecology and Management* 114: 233-243.
- Ford, W.M., Russell, K.R. & Moorman, C.E. (2000). *The role of fire in nongame wildlife management and community restoration: traditional uses and new directions*. Proceedings of a Special Workshop. USDA Forest Service. Northeastern Research Station. 152 pp.
- Fowles, A.P. (1988). An investigation of the effects of fire upon the invertebrate fauna of a coastal raised mire. *Dyfed Invertebrates Newsletter* : 4-8.
- Fox, B.J. (1982). Fire and mammalian secondary succession in an Australian coastal heath. *Ecology* 63(5): 1332-1341.
- Fox, B.J. (1982). The influence of disturbance (fire, mining) on ant and small mammal species diversity in Australian heathland. *Proceedings of the Symposium on Dynamics and Management of Mediterranean-Type Ecosystems*, June 22-26, 1981, San Diego, California, San Diego State University. United States Department of Agriculture Forest Service Pacific Southwest Forest and Range Experiment Station General Technical Report PSW-58, pp. 213-219.
- Fox, B.J. (1983). Mammal species diversity in Australian heathlands: the importance of pyric succession and habitat diversity. Pp. 473-489. In: F.J. Kruger, D.T. Mitchell & J.U.M. Jarris (eds.). *Ecological Studies, vol. 43: Mediterranean-Type Ecosystems*. Springer-Verlag, Berlin.
- Fox, B.J. & McKay, G. (1977). Recolonization of open forest by small mammals after fire. *Bulletin of the Australian Mammal Society*.
- Fox, B.J. & McKay, G.M. (1981). Small mammal responses to pyric successional change in a eucalypt forest. *Australian Journal of Ecology* 6: 29-42.
- Fox, B.J., Quinn, R.D. & Breytenbach, G.J. (1985). A comparison of small-mammal succession following fire in shrublands of Australia, California and South Africa. *Proc. Ecol. Soc. Australia* 14: 179-197.
- Fox, J.F. (1983). Post-fire succession of small-mammal and bird communities. In: Wein, Ross W., MacLean, David A., eds. *The role of fire in northern circumpolar ecosystems*. ohn Wiley and Sons. pp. 155-180.

- Fraser, M.W. (1989). Short-term responses of birds to fire in old mountain fynbos. *Ostrich* 60: 172-82.
- Fraser, M.W. (1990). Small mammals, birds and ants as seed predators in post-fire mountain fynbos. *South African Journal of Wildlife Research* 20(2): 52-56.
- Fredericksen, N.J. & Fredericksen, T.S. (2002). Terrestrial wildlife responses to logging and fire in a Bolivian tropical humid forest. *Biodiversity and Conservation* 11(1): 27-38.
- French, M.G. & French, S.P. (1996). Large mammal mortality in the 1988 Yellowstone fires. In: Greenlee, Jason M., ed. *The ecological implications of fire in Greater Yellowstone*. Proceedings, 2nd biennial conference on the Greater Yellowstone Ecosystem, 1993 September 19-21, Yellowstone National Park, WY. International Association of Wildland Fire. pp. 113-115.
- Frese, P.W. (2003). Tallgrass prairie amphibian and reptile assemblage. Fire mortality. *Herpetological Review* 34: 159-160.
- Friend, G.R. (1993). Impact of fire on small vertebrates in mallee woodlands and heathlands of temperate Australia: A review. *Biological Conservation* 65(2): 99-114.
- Friend, G. (1996). Fire ecology of invertebrates - implications for nature conservation, fire management and future research. In *Fire and Biodiversity. The Effects and Effectiveness of Fire Management*. Biodiversity Series, Paper No. 8. Biodiversity Unit, Department of the Environment Sport and Territories. Canberra, Australia. pp. 155-162.
- Friend, G.R. & Williams, M.R. (1993). *Fire and invertebrate conservation in mallee-heath remnants*. Final Report, Project P144, World Wide Fund for Nature Australia Project.
- Friend, G.R. & Williams, M.R. (1996). Impact of fire on invertebrate communities in mallee-heath shrublands of south-western Australia. *Pacific Conservation Biology* 2: 244-267.
- Frost, P.G.H. (1984). The responses and survival of organisms in fire-prone environments. In: de Booyesen, V. & Tainton, N.M. (eds.). *Ecological effects of fire in South African ecosystems*. Springer-Verlag. Berlin. pp. 273-309.
- Frost, P.G.H. (1985). The responses of savanna organisms to fire. In: Tohill, J.C. & Mott, J.J., (eds.), *Ecology and Management of the World's Savannas*, Commonw. Agr. Bur., Canberra, pp. 232-237.
- Fuentes, M.V. & Galán-Puchades, M.T. (1994). La recolonització dels petits mamífers en àrees cremades i llur paper com a bioindicadors de la regeneració postincendi. El cas de la serra Calderona: primeres dades i aportacions. Pp. 104-113. In: *Segon Congrés d'Estudis Comarcals*. Institut d'Estudis Comarcals del Camp de Túria, Benaguasil (València).
- Fuentes, M.V. & Galán-Puchades, M.T. (1995). Regeneració dels bosc i recolonització dels petits mamífers, dos processos postincendi d'evolució paral·lela: el cas de la serra Calderona. In: *Congrés Jaume I de Medi Ambient al País Valencià*. Acció Ecologista-Agró i Fundació Ausiàs March, València.
- Fuentes, M.V., Galán-Puchades, M.T. & Cerezuela, A.M. (1998). Insectívoros y roedores de la serra Calderona (comunitat valenciana). Dinámicas de recolonización y estudio helmintoecológico postincendio. *Galemys* 10(nº especial): 37-58.

- Fuentes, M.V., Galán-Puchades, M.T., Cerezueta, A. & Mas-Coma, S. (1995 a). Estudio helmintológico postincendio de la Sierra Calderona (Comunidad Valenciana, España). I. Hospedadores y parásitos. *IV Congreso Ibérico de Parasitología*. Santiago de Compostela, 24-28 July 1995. Libro de Resúmenes: 98.
- Fuentes, M.V., Galán-Puchades, M.T., Cerezueta, A. & Mas-Coma, S. (1995 b). Estudio helmintológico postincendio de la Sierra Calderona (Comunidad Valenciana, España). II. Resultados helmintológicos en el tercer año tras el fuego. *IV Congreso Ibérico de Parasitología*. Santiago de Compostela, 24-28 July 1995. Libro de Resúmenes: 98-99.
- Fuentes, M.V., Galán-Puchades, M.T., Cerezueta, A., Mas-Coma, S., Feliu, C., & Fons, R. (1993). Análisis helmintológico del ratón de campo, *Apodemus sylvaticus* (Linnaeus, 1758) (Rodentia: Muridae) en un área quemada de bosque mediterráneo. *Acta Parasitol. Portug.* 1: 190.
- Fuentes, M.V., Sainz-Elipe, S. & Galán-Puchades, M.T. (2007). Ecological study of the wood mouse helminth community in a burned Mediterranean ecosystem in regeneration five years after a wildfire. *Acta Parasitologica* 52(4): 403-413.
- Furniss, M.M. (1965). Susceptibility of fire-injured Douglas-fir to bark beetle attack in southern Idaho. *Journal of Forestry* 63:8-11.
- Fyfe G. (1980). The effect of fire on lizard communities in central Australia. *Herpetofauna* 12: 1-9.
- Gagan, A.B. (2002). *The Effects of Prescribed Fire on Millipede and Salamander Populations in a Southern Appalachian Deciduous Forest*. M.Sc. Thesis, Dept. of Biological Sciences, East Tennessee State University.
- Gaikowski, M.P., Hamilton, S.J., Buhl, K.J., McDonald, S.F. & Summers, C.H. (1996a). Acute toxicity of firefighting chemical formulations to four life stages of fathead minnow. *Ecotoxicology and Environmental Safety* 34: 252-263.
- Gaikowski, M.P., Hamilton, S.J., Buhl, K.J., McDonald, S.F. & Summers, C.H. (1996b). Acute toxicity of three fire-retardant and two fire-suppressant foam formulations to the early life stages of rainbow trout (*Oncorhynchus mykiss*). *Environmental Toxicology and Chemistry* 15: 1365-1374.
- Gaines, W.L., Strand, R.A. & Piper, S.D. (1997). Effects of the Hatchery Complex fires on northern spotted owls in the eastern Washington Cascades. In: Greenlee, Jason M., ed. *Proceedings, 1st conference on fire effects on rare and endangered species and habitats*, 1995 November 13-16, Coeur d'Alene, ID. International Association of Wildland Fire. pp. 123-129.
- Galán-Puchades, M.T., Fons, R., Feliu, C. & Torregrosa, M. (1988). Repercussions de l'incendie de certains écosystèmes méditerranéens sur l'évolution de l'helminthofaune d'*Apodemus sylvaticus* (Rodentia: Muridae). *V European Multicollloquium of Parasitology*. Budapest, Hungría, 4-9 Sept. 1988. Abstracts: 183.
- Galán-Puchades, M.T., Fons, R., Feliu, C., Torregrosa, M., Jiménez, A.M., & Fuentes M.V., (1990). Étude bioécologique de l'helminthofaune d'*Apodemus sylvaticus* (Rodentia: Muridae) dans les écosystèmes perturbés par l'incendie. *Vie Milieu* 40: 263-264.
- Galán-Puchades, M.T. & Fuentes, M.V. (1996). Parasites and Fire. *Parasitol. Today* 12: 327.

- Galán-Puchades, M.T., Fuentes, M.V., Cerezuela, A.M., Fons, R. & Mascoma, S. (1998). Host/parasite postfire responses: the helminths of *Apodemus sylvaticus* (Rodentia, Muridae) as bioindicators of its movements after fire. *Miscellanea Zoologica* 21: 35-43.
- Galán-Puchades, M.T., Fuentes, M.V., Cerezuela, A. & Mas-Coma, S. (1996). Dynamique de la recolonisation et étude helminthoécologique postincendie de mammifères (Insectivores et Rongeurs) de la Chaîne Calderona (Comunidad Valenciana-Espagne). *Vie Milieu* 46: 377.
- Galán-Puchades, M.T., Fuentes, M.V., Cerezuela, A.M., Fons, R. & Mas-Coma, S. (1999). Methodology for the use of helminths parasites as biological tags in the study of postfire ecosystem regeneration processes. *Vie Milieu* 49: en prensa.
- Galán-Puchades, M.T., Fuentes, M.V., Mas-Coma, S., Feliu, C. & Fons, R. (1993). Estudio de la recuperación de dos áreas mediterráneas quemadas mediante el análisis de las helmintofaunas del ratón de campo, *Apodemus sylvaticus* (Linnaeus, 1758) (Rodentia: Muridae). *Acta Parasitol. Portug.* 1: 191.
- Galán-Puchades, M.T., Mas-Coma, S., Fuentes, M.V., Jiménez, A.M. & Fons, R. (1992). Dinámica de la comunidad helmintiana parásita de poblaciones del ratón de campo, *Apodemus sylvaticus* (Linnaeus, 1758) (Rodentia: Muridae) en ecosistemas perturbados por el fuego. Pp. 467-480. In: S. Hernández (ed.). "In Memoriam" al Profesor Doctor D.F. de P. Martínez Gómez. Servicio de Publicaciones de la Universidad de Córdoba, Córdoba.
- Gamradt, S.C., Kats, L.B. (1997). Impact of chaparral wildfire-induced sedimentation on oviposition of stream-breeding California newts (*Taricha torosa*). *Oecologia* 110: 546–549.
- Gandhi, K.J.K., Spence, J.R., Langor, D.W. & Morgantini, L.E. (2001). Fire residuals as habitat reserves for epigeaic beetles (Coleoptera: Carabidae and Staphylinidae). *Biological Conservation* 102(2): 131-141.
- Gandhi K.J.K., Spence J.R., Langor D.W., Morgantini L.E. & Cryer K.J. (2004). Harvest retention patches are insufficient as stand analogues of fire residuals for litter-dwelling beetles in northern coniferous forests. *Canadian Journal of Forest Research* 34(6): 1319-1331.
- Ganey, J.L., Block, W.M., Boucher, P.F. (1996). Effects of fire on birds in Madrean forests and woodlands. In: P.F. Ffolliott, L.F. DeBano, M.B. Baker, G.J. Gottfried, G. Solis-Garza, C.B. Edminster, D.G. Neary, L.S. Allen, and R.H. Hamre. tech. coords. *Effects of fire on the Madrean Province ecosystems*. USDA For. Serv. Gen. Tech. Rep. RM-GTR-289. Rocky Mtn. For. and Range Exper. Stn. Fort Collins, CO. pp. 146-154.
- Ganey, J. L. & Vojta, S. C. (2007). Modeling snag dynamics in northern Arizona mixed-conifer and ponderosa pine forests. United States Department of Agriculture, Forest Service, Rocky Mountain Research Station, Research Paper Report RMRS-RP-66WWW.
- Ganz, D.J. (2000). *The post burning response of bark beetles to prescribed burning treatments in northern California*. University of California, Berkeley, College of Natural Resources, Department of Environmental Science Policy and Management. Dissertation. 198 p.
- Ganz, D.J., Dahlsten, D.L. & Shea, P.J. (2003). *The post-burning response of bark beetles to prescribed burning treatments*. USDA Forest Service Proceedings RMRS-P-29. pp. 143-158.

- García, J.A. (1997). *Caracterización y uso del hábitat por la avifauna en bosques quemados de la provincia de León*. Tesis Doctoral, Universidad de León. 206 pp.
- Gasaway, W.C., Dubois, S.D. (1985). Initial response of moose, *Alces alces*, to a wildfire in interior Alaska. *Canadian Field-Naturalist* 99: 135-140.
- Gasaway, W.C., DuBois, S.D., Boertje, R.D., Reed, D.J., Simpson, D.T. (1989). Response of radio-collared moose to a large burn in central Alaska. *Canadian Journal of Zoology* 67(2): 325-239.
- Geiszler, D.R., Gara, R.I. & Littke, W.R. (1984). Bark beetle infestations of lodgepole pine, *Pinus contorta* var *murrayana*, following a fire in south central Oregon USA. *Zeitschrift für Angewandte Entomologie* 98: 389-394.
- Geluso, K.N., Schroder, G.D., Bragg, T.B. (1986). Fire-avoidance behavior of meadow voles (*Microtus pennsylvanicus*). *American Midland Naturalist* 116(1): 202-205.
- Gibb, H. & J. Hjältén (2007). Effects of low severity burning after clear-cutting on mid-boreal ant communities in the two years after fire. *Journal of Insect Conservation* 11(2): 169-175.
- Gibb, H., Hjaelten, J., Hilszczanski, J., Ball, J.P., Johansson, T., Atlegrim O. & Danell, K. (2006). Conservation-oriented forestry and early successional saproxylic beetles: Responses of functional groups to manipulated dead wood substrates. *Biological Conservation* 129(4): 437-450.
- Gibson, K., Lieser, E. & Ping, B. (1999). *Bark beetle outbreaks following the little wolf fire*. Forest Health Protection Report 99-7. U.S. Department of Agriculture, Forest Service, Northern Region, 15 p.
- Gill, A.M. (1975). Effects of fire on flora and fauna. Discussant's address. *Bulletin of the Ecological Society of Australia* 5(3).
- Gill, A.M. (1990). Fire management of mallee lands for species conservation. In J. C. Noble, P. J. Joss, & G. K. Jones (Eds.), *The mallee lands: a conservation perspective*. CSIRO. pp. 202-205
- Gill, A.M. (1996). How fires affect biodiversity. In DEST (Ed.), *Fire and biodiversity: the effects and effectiveness of fire management. Proceedings of the conference held 8-9 October 1994, Footscray, Melbourne*. Department of the Environment, Sports and Territories. pp. 47-55 (&123-124).
- Gill, A.M. (2002). A review of fire regimes of the forested region of south-western Australia with selected examples of their effects on native biota. In: J Russell-Smith, R Craig, AM Gill, R Smith & J Williams (eds.), *Australian Fire Regimes: Contemporary Patterns (April 1998 - March 2000) and Changes Since European Settlement*. State of the Environment Second Technical Paper Series (Biodiversity), Series 2, Department of the Environment and Heritage.
- Goatcher, B.L. (1990). A preliminary investigation of the importance of stream-terrace hardwood forests as refuge for small mammals to escape fires. M.S. Thesis, Louisiana State University, Baton Rouge, LA, p. 53.
- Gobielle, J.E. (1992). *The effect of fire on Merriam's turkey brood habitat in southeastern Montana*. M.S. Thesis. Montana State University, Bozeman.

- Gordon, C.E. (2000). Fire and cattle grazing on wintering sparrows in Arizona grasslands. *Journal of Range Management* 53:384–389.
- Grafe, T.U., Döbler, S., Linsenmair, K.E. (2002). Frogs flee from the sound of fire. *Proc. R. Soc. London B* 269: 999–1003.
- Graham, R.T, Jain, T.B., Reynolds, R.T. & Boyce, D.A. (1997). The role of fire in sustaining northern goshawk habitat in Rocky Mountain forests. In: Greenlee, Jason M., ed. *Proceedings, 1st conference on fire effects on rare and endangered species and habitats*, 1995 November 13-16, Coeur d'Alene, ID. International Association of Wildland Fire. pp. 69-76
- Grange, W.B. (1948). The relation of fire to grouse. In: *Wisconsin grouse problems*. Federal Aid in Wildlife Restoration Project No. 5R. Publication No. 328. Wisconsin Conservation Department. pp. 193-205.
- Granholm, S.L. (1982). *Effects of surface fires on birds and their habitat associations in coniferous forests of the Sierra Nevada, California*. Dissertation, University of California at Davis. 60 p.
- Granström, A. (2001). Fire management for biodiversity in the European boreal forest. *Scandinavian Journal of Forest Research* 16(suppl. 3): 62-69.
- Green, K.E.N. & Sanecki, G. (2006). Immediate and short-term responses of bird and mammal assemblages to a subalpine wildfire in the Snowy Mountains, Australia. *Austral Ecology* 31(6): 673-681.
- Greenberg, C.H. (2002). Fire, habitat structure, and herpetofauna in the Southeast. In: Ford, W.M., Russell, K.R., Moorman, C.E. (Eds.), *The Role of Fire in Nongame Wildlife Management and Community Restoration: Traditional Uses and New Directions*. U.S.D.A. Forest Service General Technical Report NE-288, pp. 91–99.
- Greenberg, C.H., Neary, D.G. & Harris, L.D. (1994). Effect of high-intensity wildfire and silvicultural treatments on reptile communities in sand-pine scrub. *Conservation Biology* 8(4): 1047–1057.
- Greenberg, C.H., Otis, D.L. & Waldrop, T.A. (2006). Response of white-footed mice (*Peromyscus leucopus*) to fire and fire surrogate fuel reduction treatments in a southern Appalachian hardwood forest. *Forest Ecology and Management* 234(1-3): 355-362.
- Greenberg, C.H., Tomcho, A.L., Lanham, J. D., Waldrop, T.A., Tomcho, J., Phillips, R.J. & Simon, D. (2007). Short-term effects of fire and other fuel reduction treatments on breeding birds in a southern Appalachian upland hardwood forest. *Journal of Wildlife Management* 71(6): pp. 1906–1916.
- Gresswell, R.E. (1999). Fire and aquatic ecosystems in forested biomes of North America. *Transactions of the American Fisheries Society* 128: 193–221.
- Grey, E.J. (1999). Fire effects on selected terrestrial invertebrate fauna in heathland at Wilsons Promontory, Victoria—a preliminary survey. *Victorian Naturalist* 116: 162-168.
- Griebel, R.L., Winter, S.L. & Steuter, A.A. (1998). Grassland birds and habitat structure in sandhills prairie management using cattle or bison plus fire. *Great Plains Research* 8:255-268.

- Groves, C.R. & Steenhof, K. (1988). Responses of small mammals and vegetation to wildfire in shadscale communities of southwestern Idaho. *Northwest Science* 62(5): 205-210.
- Gunawardene, N.R. & Majer, J.D. (2005). The effect of fire on ant assemblages in the Gibson Desert Nature Reserve, Western Australia. *Journal of Arid Environments* 63(4): 725-739.
- Hailey, A. (2000). The effects of fire and mechanical habitat destruction on survival of the tortoise *Testudo hermanni* in northern Greece. *Biological Conservation* 92(3): 321-333.
- Haim, A. (1993). Resilience to fire of rodents in an East-Mediterranean pine forest on Mount Carmel, Israel: the effects of different managements. In Trabaud, L. & Prodon, R. (eds.). *Fire in Mediterranean Ecosystems*. Ecosystems Research Report, 5. Commission of the European Communities, Brussels. pp. 293-301.
- Haim, A. & Izhaki, I. (1994). Changes in rodent community during recovery from fire: relevance to conservation. *Biodiversity and Conservation* 3(7): 573-585.
- Haim, A. & Izhaki, I. (2000). The effect of different treatments on the community composition of small mammals in a post-fire pine forest. *Journal of Mediterranean Ecology* 1: 249–257.
- Haim, A., Izhaki, I. & Golan, A. (1996). Rodent species diversity in pine forests recovering from fire. *Israel Journal of Zoology* 42: 353–359.
- Haim, A., Rozenfeld, A. & Izhaki, I. (1997). Post-fire response of shrews (*Crocidura suaveolens*) on Mount Carmel, Israel. *Mammalia* 61: 527– 536.
- Hamas, M.J. (1983). Nest-site selection by eastern kingbirds in a burned forest. *Wilson Bulletin* 95(3): 475-477.
- Hamilton, R.J. (1981). Effects of prescribed fire on black bear populations in the southern forests. In: Wood, Gene W., ed. *Prescribed fire and wildlife in southern forests: Proceedings of a symposium, 1981 April 6-8, Myrtle Beach, SC*. The Belle W. Baruch Forest Science Institute of Clemson University. Ppp. 129-134.
- Handley Jr., C.O. (1969). Fire and mammals. *Tall Timbers Fire Ecology Conference* 9: 151-159.
- Hannah, D. (1994). *The Effects of Fire on Ground Fauna, Beerwah Scientific Purpose Area 1, South East Queensland*. Unpublished report by Fauna Conservation and Ecology Section, DPI Forest Service.
- Hannah, D.S. & Smith, G.C. (1995). The effects of prescribed burning on herptiles in southeastern Queensland. *Memoirs Queensland Museum* 38: 529–531.
- Hanula, J.L. & Wade, D.D. (2003). Influence of long-term dormant-season burning and fire exclusion on ground-dwelling arthropod populations in longleaf pine flatwoods ecosystems. *Forest Ecology and Management* 175: 163-184.
- Hardy, C.L. (2003). *Flora and Fauna Community Response to Seasonal Applications of Prescribed Fire in Longleaf Pine Forests of the North Carolina Sandhills*. PhD. Thesis, Mississippi State University, Department of Wildlife and Fisheries.
- Harper, M.G., Dietrich, C.H., Larimore, R.L. & Tessene, P.A. (2000). Effects of prescribed fire on prairie Arthropods: an enclosure study. *Natural Areas Journal* 20: 325–335.
- Harris, M.A. 1982. *Habitat use among woodpeckers in forest burns*. M.S. Thesis. University of Montana, Missoula, Montana, USA.

- Harris, R., York, A. & Beattie, A.J. (2003). Impacts of grazing and burning on spider assemblages in dry eucalypt forests of north-eastern New South Wales, Australia. *Austral Ecology* 28 (5): 526–538.
- Hart, S. (1998). Beetle mania: an attraction to fire. *BioScience* 48(1): 3-5.
- Hartley, M.K., Rogers W.E., Siemann, E. & Grace J. (2007). Responses of prairie arthropod communities to fire and fertilizer: Balancing plant and arthropod conservation. *The American Midland Naturalist* 157(1): 92-105.
- Haugaasen, T., Barlow, J. & Peres, C.A. (2003). Effects of surface fires on understory insectivorous birds and terrestrial arthropods in central Brazilian Amazonia. *Animal Conservation* 6(04): 299-306.
- Hauge, E. & Kvamme, T. (1983). Spiders from forest-fire areas in southeast Norway. *Fauna Norvegica Seria B* 30: 39-45.
- Heck, M.P. (2007). *Effects of wildfire on growth and demographics of coastal cutthroat trout in headwater streams*. MSc. Thesis, Oregon State University.
- Hedlund, J.D. & Rickard, W.H. (1981). Wildfire and the short-term response of small mammals inhabiting a sagebrush-bunchgrass community. *Murrelet* 62(1): 10-14.
- Hejl, S. & McFadzen, M. (1998). *Interim report: Maintaining fire-associated bird species across forest landscapes in the northern Rockies*. Unpublished report on file at: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory, Missoula, MT. 15 p.
- Hejl, S. & McFadzen, M. (2000). *Final report: Maintaining fire-associated bird species across forest landscapes in the northern Rockies*. Unpublished report on file at: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station, Fire Sciences Laboratory, Missoula, MT. 21 p.
- Henig-Sever, N., Poliakov, D. & Broza, M. (2001). A novel method for estimation of wild fire intensity based on ash pH and soil microarthropod community. *Pedobiologia* 45(2): 98-106.
- Henriques, R.P.B., Briani, D.C., Palma, A.R.T. & Vieira, E.M. (2006). A simple graphical model of small mammal succession after fire in the Brazilian cerrado. *Mammalia* 2006: 226-230.
- Herkert, J.R. (1994). Breeding bird communities of Midwestern prairie fragments: The effects of prescribed burning and habitat-area. *Natural Areas Journal* 14: 128–135.
- Hermann, S.M., Van Hook, T., Flowers, R.W., Brennan, L.A., Glitzenstein, J.S., Streng, D.R., Walker, J.L. & Myers, R.L. (1998). Fire and biodiversity: studies of vegetation and arthropods. *Transactions of the North American Wildlife and Natural Resources Conference* 63: 384-401.
- Herrando i Vila, S. (2001). *Habitat disturbance in Mediterranean landscapes: Effects of fire and fragmentation on birds*. Ph.D. Thesis, Universitat de Barcelona.
- Herrando, S. & Brotons, L. (2001). Fluctuating asymmetry in Sardinian Warblers *Sylvia melanocephala* inhabiting two shrublands affected by fire. *Bird Study* 48(2): 180-187.
- Herrando, S. & Brotons, L. (2002). Forest bird diversity in Mediterranean areas affected by wild fires: a multi-scale approach. *Ecography* 25: 161-172.

- Herrando, S., Brotons, L. & Llacuna, S. (2003). Does fire increase the spatial heterogeneity of bird communities in Mediterranean landscapes? *The Ibis* 145: 307-317
- Herrando, S., Brotons, L. & Llacuna, S. (2005). Post-fire dynamics in Mediterranean shrublands: are bird communities structured by arthropod availability? *Revista Catalana d'Ornitologia* 21: 17-28.
- Herrando, S., Brotons, L., del Amo, R. & Llacuna, S. (2002). Bird community succession after fire in a dry Mediterranean shrubland. *Ardea* 90 (2): 303–310.
- Herrando, S., del Amo, R., Brotons, L. & Llacuna, S. (2001). Factors influencing post-fire dynamics of Sardinian and Dartford warblers in Mediterranean shrublands. *Ornis Fennica* 78: 168-174.
- Herrando, S., del Amo, R., Brotons, L. & Llacuna, S. (2001). Sardinian and Dartford Warbler in Mediterranean burnt shrublands: are habitat changes the only factor influencing post-fire dynamics? *Ornis Fennica* 78: 168-174.
- Hewish, M. (1983). The effect of a wildfire on birdlife in a eucalypt forest: a preliminary report on the Lerdederg Gorge seven weeks after the Wombat State Forest fire. *Geelong Naturalist* 20: 3-16.
- Heyward, F. & Tissot, A.N. (1936). Some changes in the soil fauna associated with forest fires in the longleaf pine region. *Ecology* 17(4): 659-666.
- Higg, P. & Fox, B.J. (1993). Interspecific competition: a mechanism for rodent succession after fire in wet heathland. *Australian J. Ecol.* 18: 93-201.
- Higgins, K.F. (1986). A comparison of burn season effects on nesting birds in North Dakota mixed-grass prairie. *Prairie Naturalist* 18(4): 219-228.
- Hirawatari, T. & Makihara, H. (2007). Effects of fires on butterfly assemblages in lowland dipterocarp forest in East Kalimantan. *Entomological Science* 10(2): 113-127.
- Hitchcox, S.M. (1996). A comparison of abundance, nesting success, and nest-site characteristics of cavity-nesting birds in salvage-logged and uncut patches within a burned forest in northwestern Montana. In: *Fire in ecosystem management: Shifting the paradigm from suppression to prescription*. Program abstracts. Tall Timbers Res. Stn. Tallahassee, FL. pp. 36.
- Hitchcox, S.M. (1996). *Abundance and nesting success of cavity-nesting birds in unlogged and salvage-logged burned forest in northwestern Montana*. M.S. thesis, University of Montana, Missoula, MT.
- Hobbs, N.T., Schimel, D.S., Owensby, C.E., Ojima, D.S. (1991). Fire and grazing in the tallgrass prairie: contingent effects on nitrogen budgets. *Ecology* 72(4): 1374- 1382.
- Hobbs, N.T. & Spowart, R.A. (1984). Effects of prescribed fire on nutrition of mountain sheep and mule deer during winter and spring. *The Journal of Wildlife Management* 48(2): 551-560.
- Hobson, K.A. & Schieck, J. (1999). Changes in bird communities in boreal mixed woodland forest: harvest and wildfire effects over 30 years. *Ecological Applications* 9:849–863.
- Hochkirch, A. & Adorf, F. (2007). Effects of prescribed burning and wildfires on Orthoptera in Central European peat bogs. *Environmental Conservation* pp. 1-11.

- Hoffmann, B.D. (2003). Responses of ant communities to experimental fire regimes on rangelands in the Victoria River District of the Northern Territory. *Austral Ecology* 28(2): 182-195.
- Holliday, N.J. (1992). The carabid fauna (Coleoptera: Carabidae) during postfire regeneration of boreal forest: Properties and dynamics of species assemblages. *Canadian Journal of Zoology/Revue Canadienne de Zoologie* 70(3): 440-452.
- Hood, J.B. (1941). Birds and bushfires. *South Australian Ornithologist* 15: 125-127.
- Hopkins, A.J. M., & Smith, G.T. (1996). Fire: effects and management implications. In A. J. M. Hopkins & G. T. Smith (Eds.), *The natural history of Two Peoples Bay Nature Reserve* Department of Conservation and Land Management (CALM Science Supplement).
- Horton, S.P. (1987). *Effects of prescribed burning on breeding birds in a ponderosa pine forest, southeastern Arizona*. M.S. Thesis, University of Arizona, Tucson, AZ.
- Horton, S.P. & Mannan, R.W. (1988). Effects of prescribed fire on snags and cavity-nesting birds in southeastern Arizona pine forests. *Wildlife Society Bulletin* 16(1): 37-44.
- How, R.A. & Dell, J. (2004). Reptile assemblage of the Abydos Plain, north-eastern Pilbara, Western Australia. *Journal of the Royal Society of Western Australia* 87: 85-95.
- Howard, W.E., Fenner, R.L., Childs, H.E., Jr. (1959). Wildlife survival in brush burns. *Journal of Range Management* 12: 230-234.
- Huber, G.E., Steuter, A.A. (1984). Vegetation profile and grassland bird response to spring burning. *Prairie Naturalist* 16(2): 55-61.
- Huff, M.F. (1984). *Post-fire succession in the Olympic Mountains, Washington: forest vegetation, fuels, and avifauna*. Ph.D. Dissertation. University of Washington. 240 p.
- Huff, M.H., Agee, J.K., & Manuwal, D.A. (1985). Postfire succession of avifauna in the Olympic Mountains, Washington. In: Lotan, James E., Brown, James K., comps. *Fire's effects on wildlife habitat—symposium proceedings*, 1984 March 21, Missoula, MT. Gen. Tech. Rep. INT-186. U.S. Department of Agriculture, Forest Service, Intermountain Research Station. pp. 8-15.
- Huff, M.H., Seavy, N.E., Alexander, J.D. & Ralph, C.J. (2005). Fire and birds in maritime Pacific Northwest. *Studies in Avian Biology* 30: 46-62.
- Huff, M.H. & Smith, J.K. (2000). Fire effects on animal communities. In: J.K. Smith, editor, *Wildland fire in ecosystems: effects of fire on fauna*. USDA Forest Service, Rocky Mountain Research Station, Ogden, Utah, USA. pp. 35-42.
- Hurst, G.A. (1971). The effects of controlled burning on arthropod density and biomass in relation to bobwhite quail brood habitat on a right-of-way. In: *Proceedings, Tall Timbers conference on ecological animal control by habitat management*, 1970 February 26-28, Tallahassee, FL. Number 2. Tall Timbers Research Station. pp. 173-183.
- Hurst, G.A. (1978). Effects of controlled burning on wild turkey poult food habits. *Proceedings, Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 32: 30-37.
- Hurteau, S.R., Sisk, T.D., Block, W.M. & Dickson, B.D. (2008). Fuel-reduction treatment effects on avian community structure and diversity. *The Journal of Wildlife Management* 2(5)

- Hutto, R.L. (1995). Composition of bird communities following stand-replacement fires in northern Rocky Mountain conifer forests. *Conservation Biology* 9(5): 1041-1058.
- Hyvärinen, E. (2006). *Green-tree retention and controlled burning in restoration and conservation of beetle diversity in boreal forests*. Dissertations Forestales 21. Faculty of Forestry of the University of Joensuu.
- Hyvärinen, E., Kouki, J., Martikainen, P. & Lappalainen, H. (2005). Short-term effects of controlled burning and green-tree retention on beetle (Coleoptera) assemblages in managed boreal forests. *Forest Ecology and Management* 212(1/3): 315-332.
- Imbeau, L., Savard, J.-P. L., & Gagnon, R. (1999). Comparing bird assemblages in successional black spruce stands originating from fire and logging. *Canadian Journal of Zoology* 77: 1850–1860.
- Irvine, L.R. (1991). *Disturbance and small mammals: effects of prescribed fire on white-footed mice (Peromyscus)*. M.S. Thesis, Northern Arizona University.
- Irwin, L.L. (1985). Foods of moose, *Alces alces*, and white-tailed deer, *Odocoileus virginianus*, on a burn in boreal forest. *Canadian Field-Naturalist*. 99(2): 240-245.
- Isacch, J.P., Holz, S., Ricci, L. & Martinez, M.M. (2004). Post-fire vegetation change and bird use of a salt marsh in coastal Argentina. *Wetlands* 24(2): 235-243.
- Ivey, T. L. & Causey, M. K. (1984). Response of white-tailed deer to prescribed fire. *Wildlife Society Bulletin* 12(2): 138-141.
- Izhaki, I. (1993). The resilience to fire of passerine birds in an East-Mediterranean pine forest on Mount Carmel, Israel: the effects of post-fire management. In Trabaud, L. & Prodon, R. (eds). *Fire in Mediterranean Ecosystems*: 303–314. Commission of the European Communities, Brussels.
- Izhaki, I. & Adar, M. (1997). The effects of post-fire management on bird community succession. *International Journal of Wildland Fire* 7(4): 335-342.
- Izhaki, I., Levey, D.J. & Silva, W.R. (2003). Effects of prescribed fire on an ant community in Florida pine savanna. *Ecological Entomology* 28(4): 439-448.
- Jacobs, J.M. (2004). *Saproxylic beetle assemblages in the boreal mixedwood of Alberta: succession, wildfire and variable retention forestry*. M.Sc. Thesis, Department of Biological Science, Univ. of Alberta.
- James, F.C. & Hess, C.A. (1994). Overview of fire ecology and avian conservation. *Journal für Ornithologie* 135: 489.
- James, F.C., Hess, C.A. & Kufrin, D. (1997). Species-centered environmental analysis: indirect effects of fire history on red-cockaded woodpeckers. *Ecological Applications* 7(1): 118-129.
- James, S.W. (1982). Effects of fire and soil type on earthworm populations in a tallgrass prairie. *Pedobiologia*. 24: 140–147.
- Jansen, R., Little, R.M. & Crowe, T.M. (1999). Implications of grazing and burning of grasslands on the sustainable use of francolins (*Francolinus* spp.) and on overall bird conservation in the highlands of Mpumalanga province, South Africa. *Biodiversity and Conservation* 8: 587–602.

- Jenness, J. (2002). *The effects of fire on Mexican Spotted Owls in Arizona and New Mexico*. Unpublished Ph.D. Dissertation. Northern Arizona University, Flagstaff, AZ.
- Jenness, J.S., Beier, P. & Ganey, J.L. (2004). Associations between forest fire and mexican spotted owls. *Forest Science* 50(6): 765-772.
- Joern, A. (2005). Disturbance by fire frequency and bison grazing modulate grasshopper assemblages in tallgrass prairie. *Ecology* 86(4): 861–873.
- Johnson, A.S., & Hale, P.E. (2002). The historical foundations of prescribed burning for wildlife: a southeastern perspective. In: W. Ford, K.R. Russell, and C.E. Moorman (editors). *The role of fire in nongame wildlife management and community restoration: traditional uses and new directions*. USDA Forest Service General Technical Report NE-288. USDA Forest Service, Northeastern Research Station, Newtown Square, PA. pp. 11–23.
- Johnson, C.N. (1997). Fire and habitat management for the mycophagous marsupial, the Tasmanian bettong *Bettongia gaimardi*. *Australian Journal of Ecology* 22: 101-105.
- Johnson, D.E., Mukhtar, H.A.M., Mapson, R. & Humphrey, R.R. (1962). The mortality of oak-juniper woodland species following wildfire. *Journal of Range Management* 15:201–205.
- Johnson, D.H. (1999). *Effects of Fire on Bird Populations in Mixed-grass Prairie*, Northern Prairie Science Center.
- Johnson, T.H. & Wauer, R.H. (1996). Avifaunal response to the 1977 La Mesa fire. Pp. 70-94 In: C. D. Allen, tech. ed. *Fire effects in southwestern forests*. Proc. of the second La Mesa fire symp. USDA Forest Service, Gen. Tech. Rep. RM-GRT-286. Rocky Mtn. For. and Range Exper. Stn., Ft. Collins, CO.
- Jonas, J.L. & Joern, A. (2007). Grasshopper (Orthoptera: Acrididae) communities respond to fire, bison grazing and weather in North American tallgrass prairie: a long-term study. *Oecologia* 153(3): 699-711.
- Jones, B., Fox, S.F., Leslie Jr., D.M., Engle, D.M. & Lochmiller, R.L. (2000). Herpetofaunal responses to brush management with herbicide and fire. *Journal of Range Management* 53: 154–158.
- Jones, D.D., Conner, L.M., Warren, R.J. & Ware, G.O. (2002). The effect of supplemental prey and prescribed fire on success of artificial nests. *The Journal of Wildlife Management* 66(4): 1112-1117.
- Jones, R.D., Botlz, G., Carty, D.G., Keading, L.R., Mahony, D.L. & Olliff, S.T. (1993). *Fishery and aquatic management program in Yellowstone National Park*. Technical Report for 1988. U.S. Department of the Interior, Fish and Wildlife Service. 171 p.
- Jordan, R. (1984a). The Eastern Bristlebird. Effects of fire on a population. In: Barren Grounds Bird Observatory and Field Studies Centre, report 1982-84. Eds R. Jordan & P. Jordan. *RAOU Report* 11: 30.
- Jordan, R. (1984b). The Ground Parrot. Effect of fire on a population. In: Barren Grounds Bird Observatory and Field Study Centre Report 1982-84. Eds R. Jordan & P. Jordan. *RAOU Report* 11: 28-29.
- Jourdonnais, C.S. & Bedunah, D.J. (1990). Prescribed fire and cattle grazing on an elk winter range in Montana. *Wildlife Society Bulletin* 18: 232-240.

- Kalisz, P.J. & Powell, J.E. (2000). Effects of prescribed fire on soil invertebrates in upland forests on the Cumberland Plateau in Kentucky, USA. *Natural Areas Journal* 20(4):336-341.
- Kaufman, D.W., Finck, E.J. & Kaufman, G.A. (1990). Small mammals and grassland fires. In: Collins, S.L., Wallace, L.L., eds. *Fire in North American tallgrass prairies*. University of Oklahoma Press, pp. 46-80.
- Kaufman, D.W., Gurtz, S.K. & Kaufman, G.A. (1988). Movements of the deer mouse in response to prairie fire. *Prairie Naturalist* 20(4): 225-229.
- Kaufman, D.W., Kaufman, G.A. & Finck, E.J. (1983). Effects of fire on rodents in tallgrass prairie of the Flint Hills Region of Eastern Kansas. *Prairie Naturalist* 15: 49-56.
- Kaufman, D.W., Kaufman, G.A. & Finck, E.J. (1989). Rodents and shrews in ungrazed tallgrass prairie manipulated by fire. Pp. 173-177. In: T. Bragg & J. Stubbendieck (eds.). *Proceedings of the Eleventh North American Prairie Conference*. University of Nebraska Printing, Lincoln (Nebraska).
- Kaufman, G.A., Kaufman, D.W. & Finck, E.J. (1982). The effect of fire frequency on populations of the deer mouse (*Peromyscus maniculatus*) and the western harvest mouse (*Reithrodontomys megalotis*). *Bulletin of the Ecological Society of America* 63: 66.
- Kaufman, G.A., Kaufman, D.W. & Finck, E.J. (1988). Influence of fire and topography on habitat selection by *Peromyscus maniculatus* and *Reithrodontomys megalotis* in ungrazed tallgrass prairie. *Journal of Mammalogy* 69(2): 342-352.
- Kaynas, B.Y. & Gürkan, B. (2005). Changes in Buprestidae (Coleoptera) community with successional age after fire in a *Pinus brutia* forest. *Journal of Pest Science* 78(2): 53-55.
- Keay, J.A. & Peek, J.M. (1980). Relationships between fires and winter habitat of deer in Idaho. *Journal of Wildlife Management* 44(2): 372-380.
- Keith, D.A., McCaw, W.L. & Whelan, R.J. (2001). Fire regimes in Australian heathlands and their effects on plants and animals. In: R.A. Bradstock, J.E. Williams, M.A. Gill (eds.), *Flammable Australia: The Fire Regimes and Biodiversity of a Continent*. Cambridge Univ. Press. pp. 199-237.
- Kelleyhouse, D.G. (1979). Fire/wildlife relationships in Alaska. In: Hoefs, M., Russell, D., eds. *Wildlife and wildfire: Proceedings of workshop, 1979 November 27-28*, Whitehorse, YT. Yukon Wildlife Branch. pp. 1-37.
- Kerby, J.L. & Kats, L.B. (1998). Modified interactions between salamander life stages caused by wildfire-induced sedimentation. *Ecology* 79: 740-745.
- Kerley, G.I.H. & Erasmus, T. (1992). Fire and the range limits of the bush karoo rat *Otomys unisulcatus*. *Global Ecology and Biogeography Letters* 2(1): 11-15.
- Kern, N.G. (1978). *The influence of fire on populations of small mammals in the Kruger National Park*. Unpubl. M.Sc. Thesis, Univ. of Pretoria.
- Kerstyn, A. & Stiling, P. (1999). The effects of burn frequency on the density of some grasshoppers and leaf miners in a Florida sandhill community. *The Florida Entomologist* 82(4): 499-505.
- Keyser, P.D. & Ford, W.M. (2006). Influence of fire on mammals in eastern oak forests. In: *Fire in Eastern Oak Forests: Delivering Science to Land Managers*. Proceedings of a Conference GTR-NRS-P-1.

- Kilpatrick, E.S. (2006). *Responses of Vertebrate Fauna to Prescribed Fire and Fuel Reduction Treatments in the Southern Piedmont*. Ph.D. Thesis, Clemson University.
- Kilpatrick, S. (2000). Using prescribed fire to manage sagebrush communities in occupied sage grouse habitats of Wyoming. *22nd Western States Sage and Columbian Sharp-tailed Grouse Symposium*. Redmond, Oregon. 7pp.
- Kimber, P.C. (1974). Some effects of prescribed burning on Jarrah Forest birds. In *Third Fire Ecology Symposium* (pp. 49-57). Forests Commission, Victoria.
- King, G. (1985). *The effect of fire on small mammal fauna and their resources in two forest types*. M.Sc. Thesis, Univ. of New England.
- King, T.G., Howell, M.A., Chapman, B.R., Miller, K.V., & Schorr, R.A. (1998). Comparisons of wintering bird communities in mature pine stands managed by prescribed burning. *Wilson Bulletin* 110: 570–574.
- Kirby, R.E., Lewis, S.J. & Sexson, T.N. (1988). *Fire in North American wetland ecosystems and fire-wildlife relations: an annotated bibliography*. Biol. Rep. 88(1). U.S. Department of Interior, Fish and Wildlife Service. 146 p.
- Kirkland Jr., G.L., Snoddy, H.W. & Amsler, T.L. (1996). Impact of fire on small mammals and amphibians in a central Appalachian deciduous forest. *American Midland Naturalist* 135: 253–260.
- Kirkpatrick, C., S. Destefano, R.W. Mannan & J. Lloyd (2002). Trends in abundance of grassland birds following a spring prescribed burn in southern Arizona. *Southwestern Naturalist* 47:282–292.
- Kirsch, L.M. (1974). Habitat management considerations for prairie chickens. *Wildlife Society Bulletin* 2(3): 124-129.
- Kiss, L. & Magnin, F. (2003). The impact of fire on some Mediterranean land snail communities and patterns of post-fire recolonization. *Journal of Molluscan Studies* 69(1): 43.
- Kiss, L. & Magnin, F. (2006). High resilience of Mediterranean land snail communities to wildfires. *Biodiversity and Conservation* 15(9): 2925-2944.
- Kiss, L., Magnin, F. & Torre, F. (2004). The role of landscape history and persistent biogeographical patterns in shaping the responses of Mediterranean land snail communities to recent fire disturbances. *Journal of Biogeography* 31(1): 145-157.
- Klebenow, D.A. (1969). Sage grouse nesting and brood habitat in Idaho. *Journal of Wildlife Management* 33(3): 649-662.
- Klebenow, D.A. (1973). The habitat requirements of sage grouse and the role of fire in management. In: *Proceedings, 12th annual Tall Timbers fire ecology conference, 1972 June 8-9, Lubbock, TX*. Tall Timbers Research Station. pp. 305-315.
- Klebenow, D.A. (1985). Big game response to fire in sagebrush-grass rangelands. In: K. Sanders and J. Durham (eds), *Proc, Rangeland Fire Effects Symposium*, Boise, Idaho. pp 53-57.
- Klebenow, D.A. & Beall, R.C. (1978). Fire impacts on birds and mammals on Great Basin Rangelands. In: *Proc, 1977 Rangeland Management and Fire Symposium*, Casper, WY. pp 59-62.

- Klein, D.R. (1982). Fire, lichens, and caribou. *Journal of Range Management*.p 35(3): 390-395.
- Klinger, R.C., Kutilek, M J. & Shellhammer, H.S. (1989). Population responses of black-tailed deer to prescribed burning. *Journal of Wildlife Management*.p 53: 863-871.
- Knick, S.T., Holmes, A.L. & Miller, R.F. (2005). The role of fire in structuring sagebrush habitats and bird communities. *Studies in Avian Biology* 30: 63.
- Knodel-Montz, J.J. (1981). Use of artificial perches on burned and unburned tallgrass prairie. *Wilson Bulletin*.p 93(4): 547-548.
- Kochert, M.N., Steenhof, K., Carpenter, L.B. & Marzluff, J.M. (1999). Effects of fire on golden eagle territory occupancy and reproductive success. *The Journal of Wildlife Management* 63(3): 773-780.
- Koehler, G.M. & Hornocker, M.G. (1977). Fire effects on marten habitat in the Selway-Bitterroot Wilderness. *The Journal of Wildlife Management* 41(3): 500-505.
- Koerth, B.H., Mutz, J.L. & Segers, J.C. (1986). Availability of bobwhite foods after burning of Pan American balsamscale. *Wildlife Society Bulletin*.p 14(2): 146-150.
- Koivula, M. & Spence, J.R. (2006). Effects of post-fire salvage logging on boreal mixed-wood ground beetle assemblages (Coleoptera, Carabidae). *Forest Ecology and Management* 236(1): 102-112.
- Komarek, E.V., Sr. (1969). Fire and animal behavior. In: *Proceedings, 9th annual Tall Timbers Fire Ecology conference, 1969 April 10-11, Tallahassee, FL.* p Tall Timbers Research Station. pp. 161-207.
- Koponen, S. (1988). Effect of fire on spider fauna in subarctic birch forest, Northern Finland. *XI. Europäisches Arachnologisches Colloquium* (J. Haupt ed.), Vol. 38, pp. 148-153.
- Koponen, S. (1989). Effect of fire on ground layer invertebrate fauna in birch forest in the Kevo Strict Nature Reserve, Finnish Lapland. *Folia Forestalia* 763: 75–80.
- Koponen, S. (1993). Ground-living spiders (Araneae) one year after fire in three subarctic forest types, Quebec, Canada. *Memoirs of the Queensland Museum* 33(2): 575-578
- Koponen, S. (1995). Postfire succession of soil arthropod groups in a subarctic birch forest. *Acta Zoologica Fennica* 196: 243-245.
- Koponen, S. (2004). Effects of intensive fire on the ground-living spider fauna of a pine forest (Araneae). *European Arachnology 2003. Arthropoda Selecta, Special*: 133–137.
- Koponen, S. (2005). Early succession of a boreal spider community after forest fire. *Journal of Arachnology* 33(2): 230-235.
- Koproski, L., Mangini, P.R., Pachaly, J.R., Soares, R.V. & Batista, A.C. (2006). Fire effects on reptiles and mammals in Ilha Grande National Park (PR/MS), Brazil. *Forest Ecology and Management* 234(1): S180.
- Koprowski, J.L., Leonard, K.M., Zugmeyer, C.A. & Jolley, J.L. (2006). Direct effects of fire on endangered Mount Graham red squirrels. *The Southwestern Naturalist* 51(1): 59–63.
- Kotliar, N.B., Hejl, S.J., Hutto, R.L., Saab, V.A., Melcher, C.P. & McFadzen, M.E. (2002). Effects of fire and post-fire salvage logging on avian communities in conifer-dominated forests of the western United States. *Studies in Avian Biology* 25: 49-64.

- Kotliar, N.B., Kennedy P.L. & Ferree, K. (2007). Avifaunal responses to fire in southwestern montane forests along a burn severity gradient. *Ecological Applications* 17(2): 491-507.
- Kotliar, N.B., Simonson, S., Chong, G. & Theobald, D. (2003). Effects on species of concern. In: Graham, R. T., Technical Editor. *Hayman Fire Case Study*. USDA Forest Service Gen. Tech. Rep. RMRS-GTR-114. pp. 250-262.
- Kramp, B.A., Patton, D.R. & Brady, W.W. (1983). *RUN WILD: Wildlife/habitat relationships: The effects of fire on wildlife habitat and species*. U.S. Department of Agriculture, Forest Service, Southwestern Region, Wildlife Unit Technical Report. 29 p.
- Krefting, L.W. & Alghren, C.E. (1974). Small mammal and vegetation changes after fire in a mixed conifer-hardwood forest. *Ecology* 55: 1391-1398.
- Kreisel, K.J., & Stein, S.J. (1999). Bird use of burned and unburned coniferous forests during winter. *Wilson Bulletin* 111: 243–250.
- Kruse, A.D. & Piehl, J.L. (1986). The impact of prescribed burning on ground-nesting birds. In: Clambey, Gary K., Pemble, Richard H., eds. *The prairie: past, present and future: Proceedings, 9th North American prairie conference, 1984 July 29-August 1, Moorhead, MN*. Tri-College University Center for Environmental Studies. pp. 153-156.
- Kufeld, R.C. (1983). *Responses of elk, mule deer, cattle, and vegetation to burning, spraying, and chaining of Gambel oak rangeland*. Tech. Pub. DOW-R-T-34-'83. Fort Collins, CO: Colorado Division of Wildlife, Research Center Library. 47 p.
- Kuleshova, L.V. (1981). [Ecological and zoogeographic aspects of fire impact on forest birds and mammals.] *Zoologicheskii Zhurnal* 60(10): 1542–1552. (in Russian)
- Kutt, A.S. & Woinarski, J.C.Z. (2007). The effects of grazing and fire on vegetation and the vertebrate assemblage in a tropical savanna woodland in north-eastern Australia. *Journal of Tropical Ecology* 23(01): 95-106.
- Kwilosz, J.R. & Knutson, R.L. (1999). Prescribed fire management of Karner blue butterfly habitat at Indiana Dunes National Lakeshore. *Natural Areas Journal* 19(2): 98-108.
- Kyle, S.C. (2000). *Small mammal abundance and habitat correlates following varied-severity wildfire in ponderosa pine-bunchgrass forests*. M.S. Thesis. Northern Arizona University: 125 p.
- Kyle, S.C. & Block, W.M. (2000). Effects of wildfire severity on small mammals in northern Arizona ponderosa pine forests. In: Moser WK, Moser CF (eds.). *Fire and forest ecology: innovative silviculture and vegetation management. Tall Timbers Fire Ecology Conference Proceedings* 21: 163–168.
- La Puma, D.A., Lockwood, J.L. & Davis, M.J. (2007). Endangered species management requires a new look at the benefit of fire: The Cape Sable seaside sparrow in the Everglades ecosystem. *Biological Conservation* 136(3): 398-407.
- Lafleur, B., Bradley, R.L. & Francoeur, A. (2002). Soil modifications created by ants along a post-fire chronosequence in lichen-spruce woodland. *Ecoscience* 9(1): 63-73.
- Landers, J.L. (1987). Prescribed burning for managing wildlife in southeastern pine forests. In: Dickson, James G., Maughan, O. Eugene, eds. *Managing southern forests for wildlife and fish: a proceedings*, 1986 October 5-8, Birmingham, AL. Gen. Tech. Rep. SO-65.

- U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. pp. 19-27.
- Langlands, P.R., Brennan, K.E.C. & Pearson, D.J. (2006). Spiders, spinifex, rainfall and fire: Long-term changes in an arid spider assemblage. *Journal of Arid Environments* 67(1): 36-59.
- Lanham, J.D., Keyser, P.D., Brose, P.H. & Van Lear, D.H. (2000). Management options for songbirds using the oak shelterwood-burn technique in upland forests of the southeastern United States. In: Ford, W.M., Russell, K.R., Moorman, C.E. (eds.), *The Role of Fire in Nongame Wildlife Management and Community Restoration: Traditional Uses and New Directions*. Proceedings of a Special Workshop. USDA Forest Service. Northeastern Research Station. pp. 52-57.
- Lanham, J.D., Keyser, P.D., Brose, P.H. & Van Lear, D.H. (2002). Oak regeneration using the shelterwood-burn technique: management options and implications for songbird conservation in the southeastern United States. *Forest Ecology and Management* 155: 143–152.
- Lara Pavon, M. (1995). *Diversity and response of ground cover arthropod communities to different seasonal burns in longleaf pine forests*. M.S. thesis, Florida A&M Univ., Tallahassee. 56 pp.
- Larrivee, M., Fahrig, L. & Drapeau, P. (2005). Effects of a recent wildfire and clearcuts on ground-dwelling boreal forest spider assemblages. *Canadian Journal of Forest Research/Revue Canadienne de Recherche Forestiere* 35(11): 2575-2588.
- Lawrence, D.E. & Minshall, G.W. (1994). Short- and long-term changes in riparian zone vegetation and stream macroinvertebrate community structure. In: Despain, D.G. (ed.). *Plants and their environments: Proceedings of the first biennial scientific conference on the greater Yellowstone ecosystem*. Tech. Rep. NPS/NRYELL/ NRTR-93/XX. U.S. Department of the Interior, Park Service, Natural Resources Publication Office. pp. 171–184.
- Lawrence, G.E. (1966). Ecology of vertebrate animals in relation to chaparral fire in the Sierra Nevada foothills. *Ecology* 47(2): 278-290.
- LeCoure, M.I., Schwab, F.E., Simon, N.P.P. & Diamond, A.W. (2000). Effects of post-fire salvage logging on breeding birds in western Labrador. *Northeast Wildlife* 55: 39-46.
- Lee, D.E. & Tietje, W.D. (2005). Dusky-footed woodrat demography and prescribed fire in a California oak woodland. *The Journal of Wildlife Management* 69(3): 1211-1220.
- Lee, S.L. (2006). *Post-fire successional effects on breeding grassland birds in mesquite savanna habitats of the Texas rolling plains*. MSc. Thesis, Texas A&M University.
- Lehman, R.N. & Allendorf, J.W. (1989). The effects of fire, fire exclusion and fire management on raptor habitats in the western United States. *Western Raptor Management Symposium and Workshop*. pp. 236-244.
- Lehmkuhl, J.F. (2005). Wildlife adaptations and management in eastside interior forests with mixed severity fire regimes. *Proceeding of the symposium on mixed-severity fire regimes: ecology and management*. *The Association for Fire Ecology, Miscellaneous Publication* 3: 177–186.

- Lemckert, F.L., Brassil, T. & Haywood, A. (2004). Effects of a low intensity fire on populations of pond breeding anurans in mid-northern New South Wales, Australia. *Applied Herpetology* 1(3): 183-195.
- Leonard, B.V. (1972). *The Effect of Fire Upon Selected Small Mammals and Leaf Litter Fauna in Sclerophyll Forest in Southern Australia*, Unpubl. MSc. Thesis, Monash University.
- Leonard, B.V. (1974). The effects of burning on litter fauna in eucalypt forests. *Proceedings of the 3rd Fire Ecology Symposium*. pp. 43–8.
- Leonard, B.V. (1976). The effect of fire on small mammals in south eastern Australia. *Bulletin of the Australian Mammal Society* 3(1): 16.
- Letnic, M.I. (2003). *The effects of fire and rainfall on small mammals in the Simpson Desert, Australia*. Ph.D. Thesis, University of Sydney, Sydney.
- Letnic, M. & Dickman, C.R. (2005). The responses of small mammals to patches regenerating after fire and rainfall in the Simpson Desert, central Australia. *Austral Ecology* 30(1): 24-39.
- Letnic, M., Dickman, C.R., Tischler, M.K., Tamayo, B. & Beh, C.L. (2004). The responses of small mammals and lizards to post-fire succession and rainfall in arid Australia. *Journal of Arid Environments* 59(1): 85-114.
- Lewis, C.S. (1982). *The influence of fire on small mammal populations in the Western Cape, with special reference to Jonkershoek*. M.Sc. Thesis, Univ. of Stellenbosch.
- Lillywhite, H.B. & North, F. (1974). Perching behavior of *Sceloporus occidentalis* in recently burned chaparral. *Copeia* 1974: 256-257.
- Lindenmayer, D.B., Norton, T.W., & Tanton, M.T. (1990). Differences between wildfire and clearfelling on the structure of montane ash forests of Victoria and their implications for fauna dependent on tree hollows. *Australian Forestry* 53: 61-68.
- Llimona, F., Matheu, E. & Prodon, R. (1993). Role of snag persistence and of tree regeneration in postfire bird successions: comparison of pine and oak forests in Montserrat (Catalonia, NE Spain). In: Trabaud L, Prodon R (eds). *Fire in Mediterranean ecosystems*. Ecosystems Research Report 5. Commission of the European Communities, Brussels, pp 315–331
- Lloyd, H. (1938). Forest fire and wildlife. *Journal of Forestry* 36: 1051-1054.
- López, B. & Guitián, J. (1988). Evolucion de las comunidades de aves después del incendio en pinares de la Galicia Occidental. *Ardeola* 35: 97-107.
- Lotspeich, F.B., Mueller, E.W. & Frey, P.J. (1970). *Effects of large scale forest fires on water quality in interior Alaska*. Alaska Water Lab, Collage, AK: U.S. Department of the Interior, Federal Water Pollution Control Administration. 115 p.
- Lousada, J.N.C., Schiffer, G. & Vaz de Melo, F.Z. (1996). Efeitos do fogo sobre a estrutura da comunidade de Scarabaeidae (Insecta, Coleoptera) na Restinga da Ilha de Guiriri-ES., In: *Anais do Simpósio Impacto das queimadas sobre os ecossistemas e mudanças globais*, Brasília, DF. pp. 161-169.
- Love, J.P., Vose, J.M. & Elliott, K.J. (2007). Effects of restoration burns on macroinvertebrates in southern Appalachian pine-oak forests. *Journal of the North Carolina Academy of Science* 123(1): 22-34.

- Lowe, P.O., Ffolliott, P.F., Dieterich, J.H. & Patton, D.R. (1978). Determining potential wildlife benefits from wildfire in Arizona ponderosa pine forests. *Gen. Tech. Rep. RM-52*. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. 12 p.
- Loyn, R.H. (1997). Effects of an extensive wildfire on birds in far eastern Victoria. *Pacific Conservation Biology* 3(3): 221-234.
- Loyn, R.H., Hewish, M.J., & Considine, M. (1992b). Short-term effects of fuel reduction burning on bird populations in Wombat State Forest. In K. Tolhurst & D. Flinn (Eds.), *Ecological impact of fuel reduction burning in dry sclerophyll forest: first progress report*. Department of Conservation and Environment (Research Report no. 349). pp. 5.1-5.11.
- Loyn, R.H., Traill, B.J., & Triggs, B.E. (1986). Prey of sooty owls in East Gippsland before and after fire. *Victorian Naturalist* 103: 147-149.
- Lunney, D. & Ashby, E. (1987). Population changes in *Sminthopsis leucopus* (Gray) (Marsupialia, Dasyuridae), and other small mammal species, in forest regenerating from logging and fire near Bega, New-South-Wales. *Australian Wildlife Research* 14(3): 275-284.
- Lyon, L.J. (1978). *Effects of Fire on Fauna: A State-of-knowledge Review*, US Dept. of Agriculture, Forest Service, Gen. Tech. Rep. WO-6 22.
- Lyon, L.J., Huff, M.H. & Smith, J.K. (2000). Fire effects on fauna at landscape scales. *Wildland fire in ecosystems: effects of fire on fauna. Gen. Tech. Rep. RMRS-GTR-42 1*: 43-49.
- Lyon, L.J., Huff, M.H., Telfer, E.H., Schreiner, D.S. & Smith, J.K. (2000). Fire effects on animal populations. *Wildland fire in ecosystems: effects of fire on fauna. Gen. Tech. Rep. RMRS-GTR-42 1*: 25-42.
- Lyon, L.J. & Marzluff, J.M. (1985). Fire effects on a small bird population. In: Lotan, James E., Brown, James K., comps. *Fire's effects on wildlife habitat—symposium proceedings*, 1984 March 21, Missoula, MT. Gen. Tech. Rep. INT-186. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station. pp. 16-22.
- Lyon, L.J., Telfer, E.S. & Schreiner, D.S. (2000). Direct effects of fire and animal responses. *Wildland fire in ecosystems: effects of fire on fauna. General Technical Report RMRS-GTR-42 1*: 51-58.
- MacCracken, J.G. & Viereck, L.A. (1990). Browse regrowth and use by moose after fire in interior Alaska. *Northwest Science* 64(1): 11-18.
- Machmer, M. (1998). The ecological role of fire for cavity-nesting birds in dry forest ecosystems. In: Vyse, A., C. Hollstedt and D. Huggard (editors), *Managing the dry Douglas-fir forests of the southern interior: workshop proceedings*. April 29-30, 1997, Kamloops, B.C. Working Paper 34/1998. Research Branch, B.C. Ministry of Forests, Victoria, B.C. pp. 113-116.
- Machmer, M. (2000). *Ecological role of fire for cavity nesting birds*. Final Technical Report. Science Council of British Columbia, FRBC Program, Burnaby.
- Machmer, M. (2002). Effects of ecosystem restoration treatments on cavity nesting birds, their habitat, and their insectivorous prey in fire-maintained forests of southeastern British Columbia. In: *Proceedings of the symposium on the ecology and management of dead*

- wood in western forests*, Reno, Nevada, November 2-4, 1999. Albany, CA: U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Research Station, 2002. General technical report PSW-181. pp. 121-133
- Mackey, B. (2002). *Wildlife, fire & future climate*, CSIRO Publ.
- MacPhee, D.T. (1991). Prescribed burning and managed grazing restores tobosa grassland, antelope populations (Arizona). *Restoration and Management Notes* 9(1): 35-36.
- Madden, E.M., Hansen, A.J. & Murphy, R.K. (1999). Influence of prescribed fire history on habitat and abundance of passerine birds in northern mixed-grass prairie. *Canadian Field-Naturalist* 113(4): 627-640.
- Main, A.R. (1981). Fire tolerance of heathland animals. In R. L. Specht (Ed.), *Ecosystems of the World. 9B. Heathlands and related shrublands. Analytical studies*. Elsevier.
- Main, B.Y. (1995). Survival of trapdoor spiders during and after fire. *CALM Science Supplement*, 4: 214-215.
- Main, B.Y. & Gaull, K. (1992). *Response of trapdoor spiders to fire in the Stirling range*. Unpublished report for the Department of Conservation and Land Management.
- Main, M.B. & Richardson, L.W. (2002). Response of wildlife to prescribed fire in southwest Florida pine flatwoods. *Wildlife Society Bulletin* 30(1): 213-221.
- Majer, J.D. (1984). Short-term responses of soil and litter invertebrates to a cool autumn burn in jarrah (*Eucalyptus marginata*) forest in Western Australia. *Pedobiologia* 26(4): 229-247.
- Majer, J.D. (1985). Fire effects on invertebrate fauna of forest and woodland. *Symposium on Fire Ecology and Management in Western Australian Ecosystems*.
- Major, D.J. (2005). *Effects of fire disturbance on terrestrial salamanders in mixed-coniferous forests of the Klamath/Siskiyou region of the Pacific northwest*. Ph.D. Thesis, Utah State University.
- Malmström, A. (2006). *Effects of wildfire and prescribed burning on soil fauna in boreal coniferous forests*. Doctoral thesis, Swedish University of Agricultural Sciences, Uppsala
- Markalas, S. (1991). Insects attacking burnt pine trees *Pinus halepensis*, *Pinus brutia*, and *Pinus nigra* in Greece. *Anzeiger für Schädlingskunde Pflanzenschutz Umweltschutz* 64: 72-75.
- Maron, M. & Kennedy, S. (2007). Roads, fire and aggressive competitors: Determinants of bird distribution in subtropical production forests. *Forest Ecology and Management* 240(1-3): 24-31.
- Marshall Jr., J.T. (1963). Fire and birds in the mountains of southern Arizona. *Proc. Tall Timbers Fire Ecology Conference* 2:134- 141.
- Martell, A.M. (1984). Changes in small mammal communities after fire in northcentral Ontario. *Canadian Field-naturalist* 98(2): 223-226.
- Martikainen, P., Kouki, J. & Heikkala, O. (2006). The effects of green tree retention and subsequent prescribed burning on ground beetles (Coleoptera: Carabidae) in boreal pine-dominated forests. *Ecography* 29(5): 659-670.
- Martin, R.C. (1990). *Sage grouse responses to wildfire in spring and summer habitats*. M.S. Thesis. University of Idaho. 36 p.

- Mason, R.B. (1981). *Response of birds and rodents to controlled burning in pinyon-juniper woodlands*. University of Nevada. M.Sc. Thesis. 55 p.
- Masters, P. (1993). The effects of fire-driven succession and rainfall on small mammals in spinifex grassland at Uluru National Park, Northern Territory. *Wildlife Research* 20: 803-813.
- Masters, P. (1996). The effects of fire driven succession on reptiles in spinifex grasslands at Uluru National Park, Northern Territory. *Wildlife Research* 23: 39-48.
- Masters, R.E., Lochmiller, R.L. & Engle, D.M. (1993). Effects of timber harvest and prescribed fire on white-tailed deer forage production. *Wildlife Society Bulletin* 21(4): 401-411.
- Masters, R.E., Skeen, J.E. & Whitehead, J. (1995). Preliminary fire history of McCurtain County Wilderness Area and implications for red-cockaded woodpecker management. In: Kulhavy, D. L., Hooper, R. G., Costa, R., eds. *Red-cockaded woodpecker: recovery, ecology and management*. Nacogdoches, TX: Stephen F. Austin State University, School of Forestry, Center for Applied Studies. pp. 290-302.
- Mathew, G., Rugmini, P. & Binoy, C.F. (2003). Impact of forest fire on insect species diversity-a study in the Silent Valley National Park, Kerala, India. *Entomon* 28(2): 105-114.
- Mazurek, E.J. (1981). *Effect of fire on small mammals and vegetation on the Upper Sonoran Desert*. M.S. Thesis, Arizona State University.
- McClure, H.E. (1981). Some responses of resident animals to the effects of fire in a coastal chaparral environment in southern California. *Cal-Neva Wildlife Transactions* 1981: 86-99.
- McCoy, E.D. (1987). The ground-dwelling beetles of periodically-burned plots of sandhill. *The Florida Entomologist* 70(1): 31-39.
- McCoy, E.D. & Kaiser, B.W. (1990). Changes in foraging activity of the southern harvester ant *Pogonomyrmex badius* (Latreille) in response to fire. *American Midland Naturalist* 123: 112-113.
- McCulloch, C.Y. (1969). Some effects of wildfire on deer habitat in pinyon-juniper woodland. *Journal of Wildlife Management* 33: 778-784.
- McCulloch, E.M. (1966). Swifts and bushfires. *Emu* 65: 290.
- McCullough, D.G., Werner, R.A. & Neumann, D. (1998). Fire and insects in northern and boreal forest ecosystems of North America. *Annual Review of Entomology* 43(1): 107-127.
- McDonald, S.F., Hamilton, S.J., Buhl, K.J. & Heisinger, J.F. (1996). Acute toxicity of fire control chemicals to *Daphnia magna* (Straus) and *Selenastrum capricornutum* (Printz). *Ecotoxicol. Environ. Safety* 33: 62-72.
- McDonald, S.F., Hamilton, S.J., Buhl, K.J. & Heisinger, J.F. (1997). Acute toxicity of fire-retardant and foam-suppressant chemicals to *Hyalella azteca* (Saussure). *Environmental Toxicology and Chemistry* 16: 1370-1376.
- McFarland, D.C. (1988). The composition, microhabitat use and response to fire of the avifauna of subtropical heathlands in Coloola National Park, Queensland. *Emu* 88: 249-257.

- McFarland, D.C. (1992). Fire and the management of ground parrot habitat. In B. R. Roberts (Ed.), *Fire Research in rural Queensland* (pp. 483-495). University of Southern Queensland.
- McFarland, D.C. (1993). Fire and bird conservation. In C. P. Catterall, P. V. Driscoll, K. Hulsman, D. Muir, & A. Taplin (Eds.), *Birds and their habitats: status and conservation in Queensland* (pp. 41-44). Queensland Ornithological Society Inc.
- McGann, J.K. (2007). *The Effects of a Prescribed Burn on Streambed Sediments, Macroinvertebrate Assemblages, and Water Quality in the Valle Toledo, Valles Caldera National Preserve, New Mexico*. M.Sc. Project Report, Univ. of New Mexico
- McGee, J.M. (1976). *Some effects of fire suppression and prescribed burning on birds and small mammals in sagebrush*. Ph.D. Thesis, University of Wyoming, Laramie. 134 pp.
- McGee, J.M. (1982). Small mammal populations in an unburned and early fire successional sagebrush community. *Journal of Range Management* 35(2): 177-179.
- McIntyre, K.K. (2002). *Species composition and beta diversity of avian communities in burned, mixed, and unburned sagebrush steppe habitat at Sheldon National Wildlife Refuge, Nevada*. M.S. Thesis, Sul Ross University, Alpine, TX.
- McLeod R.F. & Gates, J.E. (1998). Response of herpetofaunal communities to forest cutting and burning at Chesapeake Farms, Maryland. *The American Midland Naturalist* 139(1): 164–177.
- McMahon, T.E. & deCalesta, D.S. (1990). Effects of fire on fish and wildlife. In: Walstad, John D., Radosevich, Steven R., Sandberg, David V., eds. *Natural and prescribed fire in Pacific Northwest forests*. Oregon State University Press. pp. 233-250.
- McMillan, B.R., Brillhart, D.E., Kaufman, D.W. & Kaufman, G.A. (1995). Short-term responses of small mammals to autumn fire in tallgrass prairie. *The Prairie Naturalist* 27: 158-166.
- McSorley, R. (1993). Short-term effects of fire on the nematode community in a pine forest. *Pedobiologia (Jena)* 37(1): 39-48.
- Means, D.B. & Campbell, H.W. (1981). Effects of prescribed burning on amphibians and reptiles. In: Wood, Gene W., ed. *Prescribed fire and wildlife in southern forests: Proceedings of a symposium, 1981 Apr 6-8, Myrtle Beach, SC*. Georgetown, SC: The Belle W. Baruch Forest Science Institute of Clemson University. pp. 89-96.
- Means, D.B., Dodd Jr, C.K., Johnson, S.A. & Palis, J.G. (2004). Amphibians and Fire in Longleaf Pine Ecosystems: Response to Schurbon and Fauth. *Conservation Biology* 18(4): 1149-1153.
- Means, D.B. & Moler, P.E. (1979). The pine barrens treefrog: fire, seepage bogs, and management implications. In: Odum, R.R., Langers, L. (Eds.), *Proceedings of the Rare and Endangered Wildlife Symposium*. Game and Fish Division, Georgia Department of Natural Resources, Technical Bulletin WL-4, pp. 77–83.
- Meneely, S.C. & Schemnitz, S.C. (1981). Chemical composition and in vitro digestibility of deer browse three years after a wildfire. *Southwestern Naturalist* 26:365-374.
- Mentis, M.T. & Bigalke, R.C. (1979). Some effects of fire on two grassland francolins in the Natal Drakensberg. *South African Journal of Wildlife Research* 9: 1-8.

- Mentis, M.T. & Bigalke, R.C. (1981). The effects of scale of burn on the densities of grassland francolins in the Natal Drakensberg. *Biological Conservation* 21: 247-261.
- Mentis, M.T. & Rowe-Rowe, D.T. (1979). Fire and faunal abundance and diversity in the Natal Drakensberg. *Proceedings of the Grasslands Society of South Africa* 14: 75-77
- Meredith, C.W. (1982). The research input to fire management in natural areas with particular reference to wildlife research in the semi-arid lands of Victoria and New South Wales. In A. Heislars, P. Lynch, & B. Walters (Eds.), *Fire ecology in semi-arid lands* (). CSIRO. 10 pp.
- Meredith, C.W. (1983). Fire and birds. The result of two studies and their relevance to fuel reduction burning. In E. H. M. Ealey (Eds.), *Fighting fire with fire* (pp. 193-202). Graduate School of Environmental Science Monash University.
- Merrett, P. (1976). Changes in the ground-living spider fauna after heathland fires in Dorset. *Bulletin. British Arachnological Society* 3: 214-221.
- Merrifield, R. (2000). Fire and explosion hazards to flora and fauna from explosives. *Journal of Hazardous Materials* 74(3): 149-161.
- Metz, L.J. & Dindal, D.L. (1975). Collembola populations and prescribed burning. *Environmental Entomology* 4: 583-587.
- Metz, L.J. & Farrier, M.H. (1971). Prescribed burning and soil mesofauna on the Santee Experimental Forest. In: *Prescribed burning symposium: Proceedings, 1971 April 14-16, Charleston, SC. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station.* pp. 100-106.
- Metz, L.J. & Farrier, M.H. (1973). Prescribed burning and populations of soil mesofauna. *Environmental Entomology* 2: 433-440.
- Meyer, M.D. (2003). *Forests, fungi, and small mammals: the impact of fire and thinning on a tri-trophic mutualism*. Ph.D. Thesis, University of California, Davis.
- Midtgaard, F. (1996). Forest fire as an ecological factor in boreal forests. *Fauna (Oslo)* 49: 62-69.
- Mihuc, T.B. & Minshall, G.W. (2005). The trophic basis of reference and post-fire stream food webs 10 years after wildfire in Yellowstone National Park. *Aquatic Sciences* 67(4): 541-548.
- Mihuc, T.B., Minshall, G.W. & Robinson, C.T. (1996). Response of benthic macroinvertebrate populations in Cache Creek, Yellowstone National Park to the 1988 wildfires. In: Greenlee, Jason M., ed. *The ecological implications of fire in Greater Yellowstone*. Proceedings, 2nd biennial conference on the Greater Yellowstone Ecosystem, 1993 September 19-21, Yellowstone National Park, WY. Fairfield, WA: International Association of Wildland Fire. pp. 83-94.
- Miller, J.M. & Patterson, J.E. (1927). Preliminary studies on the relation of fire injury to bark beetle attack in western yellow pine. *Journal of Agricultural Research* 34: 597-613.
- Mills, A.J. & Fey, M.V. (2005). Interactive response of herbivores, soils and vegetation to annual burning in a South African savanna. *Austral Ecology* 30(4): 435-444.
- Mills, J.N. (1986). Herbivores and early postfire succession in southern California chaparral. *Ecology* 67(6): 1637-1649.

- Minshall, G.W. (2003). Responses of stream benthic macroinvertebrates to fire. *Forest Ecology and Management* 178: 155-161.
- Minshall, G.W., Andrews, D.A., Brock, J.T., Robinson, C.T. & Lawrence, D.E. (1989). Changes in wild trout habitat following forest fire. In: Richardson, F., Hamre, R.H. (Eds.), *Proceedings of the Wild Trout IV Symposium*, Yellowstone National Park, Wyoming, pp. 111–119.
- Minshall, G.W. & Brock, J.T. (1991). Observed and anticipated effects of forest fire on Yellowstone stream ecosystems. In: Keiter, R.B., Boyce, M.S. (Eds.), *Greater Yellowstone Ecosystem: Redefining America's Wilderness Heritage*. Yale University Press, New Haven, CT, pp. 123–135.
- Minshall, G.W., Brock, J.T., Andrews, D.A. & Robinson, C.T. (2001). Water quality, substratum and biotic responses of five central Idaho (USA) streams during the first year following the Mortar Creek fire. *International Journal of Wildland Fire* 10: 185-199.
- Minshall, G.W., Brock, J.T. & Varley, J.D. (1989). Wildfires and Yellowstone's stream ecosystems. *BioScience* 39: 707-715.
- Minshall, G.W., Robinson, C.T. & Lawrence, D.E. (1997). Postfire responses of lotic ecosystems in Yellowstone National Park, USA. *Canadian Journal of Fisheries and Aquatic Science* 54: 2509–2525.
- Minshall, G.W., Robinson, C.T., Lawrence, D.E., Andrews, D.A. & Brock, J.T. (2001). Benthic macroinvertebrate assemblages in five central Idaho (USA) streams over a 10-year period following disturbance by wildfire. *International Journal of Wildland Fire* 10: 201-213.
- Minshall, G.W., Robinson, C.T., Royer, T.V. & Rushforth, S.R. (1995). Benthic community structure in two adjacent streams in Yellowstone National Park five years after the 1988 wildfires. *Great Basin Naturalist* 55: 193–200.
- Minshall, G.W., Royer, T.V. & Robinson, C.T. (2001). Response of the Cache Creek macroinvertebrates during the first 10 years following disturbance by the 1988 Yellowstone wildfires. *Canadian Journal of Fisheries and Aquatic Science* 58: 1077–1088.
- Mitchell, J.E. & Freeman, D.R. (1993). *Wildlife-livestock-fire interactions of the north Kaibab: A historical review*. Gen. Tech. Rep. RM-222. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station.
- Moeur, S. & Guthrie, D. (1984). The effects of clearing fire-killed trees on wildlife. Pp. 135-144. In: T. S. Fox, compiler. *La Mesa fire symp.* LA-9236-NERP. Los Alamos Natl. Lab. Los Alamos, NM.
- Monimeau, L., Mouillot, D., Fons, R., Prodon, R. & Marchand, B. (2002). Impact of prescribed burning on the survival rates of the wood mouse (*Apodemus sylvaticus*). *Acta Oecologica* 23: 51-58.
- Monroe, M.E. & Converse, S.J. (2006). The effects of early season and late season prescribed fires on small mammals in a Sierra Nevada mixed conifer forest. *Forest Ecology and Management* 236(2-3): 229-240.
- Monroe, L.M., Cunningham, S.C. & Kirkendall, L.B. (2004). Small mammal community responses to a wildfire on a central Arizona sky island. *Journal of the Arizona-Nevada Academy of*

Science 37(2): 56–61.

- Morearty, D.J., Farris, R.E., Noda, D.K. & Stanton, P.A. (1985). Effects of fire on a coastal sage scrub bird community. *The Southwestern Naturalist* 30(3): 452-453.
- Moreira, F., Delgado, A., Ferreira, S., Borralho, R., Oliveira, N., Inácio, M., Silva, J.S. & Rego, F. (2003). Effects of prescribed fire on vegetation structure and breeding birds in young *Pinus pinaster* stands of northern Portugal. *Forest Ecology and Management* 184(1-3): 225-237.
- Moreira, F., Ferreira, P.G., Rego, F.C. & Bunting, S. (2001). Landscape changes and breeding bird assemblages in northwestern Portugal: the role of fire. *Landscape Ecology* 16: 175-187.
- Moreira, F. & Russo, D. (2006). *Wildfires and vertebrate biodiversity in the Mediterranean region: Is fire good or bad?*. V International Conference on Forest Fire Research, 27-30 November 2006, Figueira da Foz, Portugal.
- Moreira, F. & Russo, D. (2006). Wildfires and vertebrate biodiversity in the Mediterranean region: Is fire good or bad? *Forest Ecology and Management* 234(1): S181
- Moretti, M. (2000). Effects of winter fire on spiders. *European Arachnology 2000*: 183–191.
- Moretti, M.A. (2003). *Effect of Fire on the Invertebrate Communities in Chestnut Forests in Southern Switzerland*, Swiss Federal Institute of Technology Zurich.
- Moretti, M. & Barbalat, S. (2004). The effects of wildfires on wood-eating beetles in deciduous forests on the southern slope of the Swiss Alps. *Forest Ecology and Management* 187(1): 85-103.
- Moretti, M. & Conedera, M. (2005). Fire ecology on the southern side of the Alps in Switzerland: effect on soil, vegetation and fauna. *Schweizerische Zeitschrift für Forstwesen* 156(9): 338-344.
- Moretti, M., Conedera, M., Duelli, P. & Edwards, P.J. (2002). The effects of wildfire on ground-active spiders in deciduous forests on the Swiss southern slope of the Alps. *Journal of Applied Ecology* 39(2): 321-336.
- Moretti, M., P. Duelli & M.K. Obrist (2006). Biodiversity and resilience of arthropod communities after fire disturbance in temperate forests. *Oecologia* 149(2): 312-327.
- Moretti, M., Hördegen, P., Conedera, M., Duelli, P. & Edwards, P.J. (1998). *The effects of wildfire on spiders and carabid beetles in deciduous forests on the southern slope of the Alps (Ticino, Switzerland)*. III International Conference on Forest Fire Research, 14th Conference on Fire and Forest Meteorology, Luso, 16/20 November 1998, Vol 2, pp. 1465-1475.
- Moretti, M. & Legg, C. (2006). *Predictive value of plant and animal traits to fire*. V International Conference on Forest Fire Research, 27-30 November 2006, Figueira da Foz, Portugal.
- Moretti, M., Obrist, M.K. & Duelli, P. (2004). Arthropod biodiversity after forest fires: winners and losers in the winter fire regime of the southern Alps. *Ecography* 27(2): 173-186.
- Moretti, M., Obrist, M.K. & Duelli, P. (2006). *Diversity and recovery rates of invertebrate communities after forest fires*. V International Conference on Forest Fire Research, 27-30 November 2006, Figueira da Foz, Portugal.

- Moretti, M., Patocchi, N., Conedera, M., Duelli, P. & Edwards, P.J. (1998). The influence of single and repeated fires on invertebrates in chestnut forests in southern Switzerland: first results. In: Trabaud L, (ed.). *Fire Management and Landscape Ecology*. Washington, International Association of Wildland Fire. pp. 237-245.
- Moretti, M., Zanini, M. & Conedera, M. (2002). Faunistic and floristic post-fire succession in southern Switzerland: an integrated analysis with regard to fire frequency and time since the last fire. *Forest fire research and wildland fire safety: Proceedings of IV International Conference on Forest Fire Research 2002 Wildland Fire Safety Summit*, Luso, Coimbra, Portugal, 18-23 November 2002. p. 194.
- Morin, K.C. (2005). *Herpetofaunal responses to prescribed fire in upland pine communities of northeast Florida*. M.Sc. Thesis, University of Florida.
- Moring, J.R. & Lantz, R.L. (1975). Alsea watershed study: Effects of logging on the aquatic resources of three headwater streams of the Alsea River, Oregon. In: *Federal aid to fish restoration*, Project AFS-58, final report. Fishery Report No. 9. Corvallis, OR: Oregon Department of Fish and Wildlife, Research Section. 56 p.
- Morissette, J. (2000). *The response of boreal songbird communities to fire and post-fire harvesting*. M.S. Thesis, University of Regina, Saskatchewan.
- Morissette, J.L., Cobb, T.P., Brigham, R.M. & James, P.C. (2002). The response of boreal forest songbird communities to fire and post-fire harvesting. *Canadian Journal of Forest Research* 32:2169–2183.
- Moulton, T.P. (1982). *The effect of prescribed burning and simulated burning on soil and litter arthropods in open forest at Cordeaux, N.S.W. Australia*. Unpubl. PhD. Thesis. Macquarie University.
- Muona, J. & Rutanen, I. (1994). The short-term impact of fire on the beetle fauna in boreal coniferous forest. *Annales Zoologici Fennici* 31(1): 109-121.
- Murphy, E.C. & Lehnhausen, W.A. (1998). Density and foraging ecology of woodpeckers following a stand-replacement fire. *The Journal of Wildlife Management* 62(4): 1359-1372.
- Mushinsky, H.R. (1985). Fire and the Florida sandhill herpetofaunal community: with special attention to responses of *Cnemidophorus sexlineatus*. *Herpetologica* 41: 333–342.
- Nappi, A., Drapeau, P., Giroux, J.-F. & Savard, J.-P. (2003). Snag use by foraging Black-backed Woodpeckers in a recently burned eastern boreal forest. *Auk* 120: 505–511.
- Naves, M. (1996). Efeito do fogo na população de formigas (Hymenoptera-Formicidae) em Cerrado do Distrito federal. In: *Anais do Simpósio Impacto das queimadas sobre os ecossistemas e mudanças globais*, Brasília, DF. pp. 170-177.
- Nekola, J.C. (2002). Effects of fire management on the richness and abundance of central North American grassland land snail faunas. *Animal Biodiversity and Conservation* 25(2): 53-66.
- Nelle, P.J. (1998). *The long-term effect of fire on sage grouse nesting and brood-rearing habitats on the Upper Snake River Plain*. M.S. Thesis, University of Idaho, Moscow. 66 pp.
- Nelle, P.J., Reese, K.P. & Connelly, J.W. (2000). Long-term effects of fire on sage grouse

- habitat. *Journal of Range Management* 53: 586-591.
- Neumann, F.G. (1992). Effects of low intensity prescribed fire on invertebrates in mixed eucalypt forest - Wombat State Forest. In Tolhurst, K. & Flinn, D. (eds.). *Ecological Impacts of Fuel Reduction Burning in Dry Sclerophyll Forest: First Progress Report*. Conservation and Environment, Victoria, Australia.
- Neumann, F.G. & Tolhurst, K. (1991). Effects of fuel reduction burning on epigeal arthropods and earthworms in dry sclerophyll eucalypt forest of west-central Victoria. *Australian Journal of Ecology* 16: 315-330.
- Newsome, A.E. & Catling, P.C. (1983). Animal demography in relation to fire and shortage of food: some indicative models. In: *Mediterranean Type Ecosystems. The Role of Nutrients*. Kruger, F.J., Mitchell, D.T., Jarvis, J.U.M., eds. Springer-Verlag (Ecological Studies).
- Newsome, A.E., McIlroy, J., & Catling, P. (1975). The effects of extensive wildfire on populations of twenty ground vertebrates in south-east Australia. *Proceedings of the Ecological Society of Australia* 9: 107-123.
- Nichols, R., Menke, J. (1984). Effects of chaparral shrubland fire on terrestrial wildlife. In: DeVries, Johannes J., ed. *Shrublands in California: literature review and research needed for management*. Contribution No. 191, ISSN 0575-4941. University of California at Davis, California Water Resources Center. pp. 74-97.
- Nicolai, V. (1991). Reactions of the fauna on the bark of trees to the frequency of fires in a North American savanna. *Oecologia* 88(1): 132-137.
- Niemi, G.J. (1978). Breeding birds of burned and unburned areas in northern Minnesota. *Loon* 50:73-84.
- Niwa, C.G. & Peck, R.W. (2002). Influence of prescribed fire on carabid beetle (Carabidae) and spider (Araneae) assemblages in forest litter in southwestern Oregon *Environmental Entomology* 31(5): 785-796.
- Norris, L.A. & Webb, W.L. (1989). Effects of fire retardant on water quality. In: Berg, N.H. (tech. coord.). *Proceedings of a symposium on fire and watershed management*, 1988 October 26-28. Gen. Tech. Rep. PSW-109, Berkeley, CA: U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station. pp. 79-86.
- Noson, A.C. (2002). *Avian communities in relation to habitat influenced by fire in a sagebrush steppe landscape*. M.S. thesis, Oregon State University, Corvallis, OR.
- Novak, M.A., White, R.G. (1989). Impact of a fire and flood on the trout population of Beaver Creek, upper Missouri basin, Montana. In: Richardson, F., Hamre, R.H., (eds). *Wild trout IV*. Trout Unlimited, Arlington, VA, pp. 120-127
- Novoa, C., Dumas, S. & Prodon, R. (1998). Changes in reproductive habitat of Gray Partridge after burning. *Journal of Range Management* 51: 607-613.
- Novoa, C. & Landry, P. (1998). Response of pyrenean gray partridge to controlled winter burning. In Trabaud, L. (ed.). *Fire Management and Landscape Ecology*. International Association of Wildland Fire, Washington. pp. 271-279.
- Nunes, L., I. Silva, M. Pité, F. Rego, S. Leather & A. Serrano (2006). Carabid (Coleoptera)

- community changes following prescribed burning and the potential use of carabids as indicators species to evaluate the effects of fire management in Mediterranean regions. *Silva Lusitana* 14(1): 85-100.
- O'Brien, T.G., Kinnaird, M.F., Nurcahyo, A., Prasetyaningrum, M. & Iqbal, M. (2003). Fire, demography and the persistence of siamang (*Symphalangus syndactylus*: Hylobatidae) in a Sumatran rainforest. *Animal Conservation* 6: 115-121
- O'Brien, J.J., Stahala, C., Mori, G.P., Callaham, M.A. Jr. & Bergh, C.M. (2006). Effects of prescribed fire on conditions inside a cuban parrot (*Amazona leucocephala*) surrogate nesting cavity on Great Abaco, Bahamas. *The Wilson Journal of Ornithology* 118(4): 508–512.
- Ojeda, R.A. (1989). Small-mammal responses to fire in the Monte Desert, Argentina. *Journal of Mammalogy* 70(2): 416-420.
- Olejniczak, I., Grabczynska, O., Predecka, A. & Russel, S. (2006). Fire and collembolans communities: Catastrophe or not. *Forest Ecology and Management* 234(1): S193
- Olson, R.A., Perryman, B.L., Petersburg, S. & Naumann, T. (2003). Fire effects on small mammal communities in Dinosaur National Monument. *Western North American Naturalist* 63(1): 50-55.
- O'Reilly, L., D. Ogada, T.M. Palmer & F. Keesing (2006). Effects of fire on bird diversity and abundance in an East African savanna. *African Journal of Ecology* 44(2): 165-170.
- Orgeas, J. & A.N. Andersen (2001). Fire and biodiversity: responses of grass-layer beetles to experimental fire regimes in an Australian tropical savanna. *Journal of Applied Ecology* 38(1): 49-62.
- Overturf, J.H. (1979). *The effects of forest fire on breeding bird populations of ponderosa pine forests of northern Arizona*. M.S. thesis. Northern Arizona Univ. Flagstaff. 108 pp.
- Pack, J.C., Williams, K.I., Taylor, C.I. (1988). Use of prescribed burning in conjunction with thinning to increase wild turkey brood range habitat in oak-hickory forests. *Transactions, Northeast Section of the Wildlife Society* 45: 37-48.
- Palmer, W.E., K.D. Godwin, G.A. Hurst & D.A. Miller (1996). Effects of prescribed burning on Wild Turkeys. *Transactions of the North American Wildlife and Natural Resources Conference* 61:228–236.
- Paquin, P. & D. Coderre (1997). Deforestation and fire impact on edaphic insect larvae and other macroarthropods. *Environmental entomology* 26(1): 21-30.
- Pardon, L.G., Brook, B.W., Griffiths, A.D. & Braithwaite, R.W. (2003). Determinants of survival for the northern brown bandicoot under a landscape-scale fire experiment. *Journal of Animal Ecology* 72(1): 106–115.
- Parker, D.L. & L. E. Stipe (1993). *A sequence of destruction: mountain pine beetle and wildfire. Yellowstone National Park*. Albuquerque, NM: U.S. Department of Agriculture, Forest Service, Southwest Region.
- Parker, J.W. (1974). Activity of red-tailed hawks at a corn stubble fire. *Kansas Ornithological Society* 22: 17-18.
- Parmelee, F.T. (1941). Longhorned and flatheaded borers attacking fire-killed coniferous timber in Michigan. *Journal of Economic Entomology* 34: 377-380.

- Parr, C.L. & A.N. Andersen (2006). Patch mosaic burning for biodiversity conservation: a critique of the pyrodiversity paradigm. *Conservation Biology* 20(6): 1610-1619.
- Parr, C.L., Andersen, A.N., Chastagnol, C. & Duffaud, C. (2007). Savanna fires increase rates and distances of seed dispersal by ants. *Oecologia* 151(1): 33-41.
- Parr, C.L., Bond, W.J. & Robertson H.G. (2002). A preliminary study of the effect of fire on ants (Formicidae) in a South African savanna. *African Entomology* 10(1): 101-112.
- Parr, C.L. & S.L. Chown (2003). Burning issues for conservation: a critique of faunal fire research in southern Africa. *Austral Ecology* 28(4): 384-395.
- Parr, C.L., H. G. Robertson, H. C. Biggs & S. L. Chown (2004). Response of African savanna ants to long-term fire regimes. *Journal of Applied Ecology* 41(4): 630-642.
- Patton, D.R. & J. Gordon (1995). *Fire, habitats, and wildlife*. Final Report. USDA Forest Service, Coconino Natl. For. Flagstaff, AZ. 85 pp.
- Pearce, J.L. & L.A. Venier (2006). The use of ground beetles (Coleoptera: Carabidae) and spiders (Araneae) as bioindicators of sustainable forest management: A review. *Ecological Indicators* 6(4): 780-793.
- Peck, V.R. & Peek, J.M. (1991). Elk, *Cervus elaphus*, habitat use related to prescribed fire, Tuchodi River, British Columbia. *Canadian Field-Naturalist* 105: 354-362.
- Peek, J.M. (1972). Adaptations to the burn: moose and deer studies. *Minnesota Naturalist* 23(3-4): 8-14.
- Peek, J.M. (1974). Initial response of moose to a forest fire in northeastern Minnesota. *American Midland Naturalist* 91(2): 435-438.
- Peek, J.M., Demarchi, D.A., Demarchi, R.A. & Stucker, D.E. (1985). Bighorn sheep and fire: seven case histories. In: Lotan, James E., Brown, James K., comps. *Fire's effects on wildlife habitat—symposium proceedings*, 1984 March 21, Missoula, MT. Gen. Tech. Rep. INT-186. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Research Station. pp. 36-43.
- Peek, J. M., Riggs, R. A., Lauer, J. L. (1979). Evaluation of fall burning on bighorn sheep winter range. *Journal of Range Management* 32:430-432.
- Pelech, S. A. & S. Boutin (2007). COS 83-4: The value of burns and old-growth to American three-toed and black-backed woodpecker populations: A demographic analysis. *ESA/SER Joint Meeting* (August 5 - August 10, 2007), San Jose, CA.
- Penn, A. M., W. B. Sherwin, D. Lunney & P. B. Banks (2003). The effects of a low-intensity fire on small mammals and lizards in a logged, burnt forest. *Wildlife Research* 30(5): 477-486.
- Petersen, K.L. & Best, L.B. (1987). Effects of prescribed burning on nongame birds in a sagebrush community. *Wildlife Society Bulletin* 15(3): 317-329.
- Pfister, A. R. (1980). *Post-fire avian ecology in Yellowstone National Park*. M.S. Thesis. Washington State University. 35 p
- Pilliod, D. S., R. B. Bury, E. J. Hyde, C. A. Pearl & P. S. Corn (2003). Fire and amphibians in North America. *Forest Ecology and Management* 178(1-2): 163-181.

- Pippin, W.F. & Nichols, B. (1996). Observations of arthropod populations following the LaMesa Fire of 1977. In: Allen C.D. (ed.), *Fire Effects in Southwestern Forests*, Proceedings of the second La Mesa fire symposium. USDA Forest Service General Technical Report RM-GTR-286, pp. 161-165.
- Pires, A. S., F. A. S. Fernandez, D. de Freitas & B. R. Feliciano (2005). Influence of edge and fire-induced changes on spatial distribution of small mammals in Brazilian Atlantic forest fragments. *Studies on Neotropical Fauna and Environment* 40(1): 7-14.
- Pitkänen, A., Törmänen, K., Kouki, J., Järvinen, E. & Viiri, H. (2005). Effects of green tree retention, prescribed burning and soil treatment on pine weevil (*Hylobius abietis* and *Hylobius pinastri*) damage to planted Scots pine seedlings. *Agricultural and Forest Entomology* 7 (4): 319–331.
- Pons, P. (1994). Utilisation par les oiseaux de milieux brûlés très récemment. *La Mélano* 10: 34-35.
- Pons, P. (1996). *Dynamique de l'avifaune après incendie et brûlage dirigé en zone méditerranéenne: importance de la territorialité*. Thèse de Doctorat, Spécialité Ecologie. Université Paris 6. 293 pp.
- Pons, P. (1998). Bird site tenacity after prescribed burning in a Mediterranean shrubland. In: L. Trabaud (ed.). *Fire management and landscape ecology*. Fairfield. Washington. pp.261-270.
- Pons, P. (1999). Brûlage dirigé et incendie sauvage: ont-t-ils l'un et l'autre le même impact sur l'avifaune? *Forêt Méditerranéenne* 20: 103–113.
- Pons, P. (2000). El Cap de Creus. Incendis, fauna i gestió del patrimoni natural. *Rev. Girona* 198: 73-75.
- Pons, P. (2001). Consecuencias de los incendios forestales sobre los vertebrados y aspectos de su gestión en regiones mediterráneas. In Camprodon, J. & Plana, E. (eds.), *Conservación de la biodiversidad y gestión forestal. Su aplicación en fauna vertebrada*, Edicions Universitat de Barcelona & Centre Tecnològic Forestal de Catalunya, Barcelona, pp. 197-211.
- Pons, P. (2001). The wintering of migrant Dunnocks *Prunella modularis* in two Mediterranean habitats after fire. *Bird Study* 48: 68-75.
- Pons, P. (2002). The population responses of bird to fire in Mediterranean ecosystems. In Pardini, G. & Pintó, J. (eds.), *Fire, landscape and biodiversity: an appraisal of the effects and effectiveness*, Diversitas, 29, Servei de Publicacions de la Universitat de Girona, Girona, pp. 57-68.
- Pons, P. (2004). La reconstitució de les poblacions animals en àrees afectades pel foc. In Plana, E. (ed.). 2004. *Incendis forestals, dimensió socioambiental, gestió del risc i ecologia del foc*. Xarxa Alinfo, Solsona. pp. 94-99.
- Pons, P. (2007). Consecuencias de los incendios forestales sobre los vertebrados y aspectos de su gestión en regiones mediterráneas. In: Camprodon, J. & Plana, E. (eds.). *Conservación de la biodiversidad, fauna vertebrada y gestión forestal*. Segunda edición revisada y ampliada. Edicions Universitat de Barcelona, Barcelona, pp. 229-245

- Pons, P. & Bas, J.M. (2005). Open-habitat birds in recently burned areas: the role of the fire extent and species' habitat breadth. *Ardeola* 52(1):119-131.
- Pons, P., Henry, P.Y., Gargallo, G., Prodon, R. & Lebreton, J.D. (2003). Local survival after fire in Mediterranean shrublands: combining capture-recapture data over several bird species. *Population Ecology* 45:187-196.
- Pons, P., Lambert, B., Rigolot, E. & Prodon, R. (2003). The effects of grassland management using fire on habitat occupancy and conservation of birds at a mosaic landscape. *Biodiversity and Conservation* 12:1843-1860.
- Pons, P. & Prodon, R. (1996). Short term temporal patterns in a Mediterranean shrubland bird community after fire. *Acta Oecologica* 17 (1): 29-41.
- Pons, P., Prodon, R., Roura-Pascual, N., García-Berthou, E. & Bas, J.M. (2006). Territory size and density in the Dartford Warbler across post-fire succession in Spain. *Journal of Ornithology* 147 suppl.: 232.
- Pons, P., Rakotobearison, G. & Wendenburg, C. (2003). Immediate effects of a fire on birds and vegetation at Ankarafantsika Strict Nature Reserve, NW Madagascar. *Ostrich* 74: 146-148.
- Pons, P. & Wendenburg, C. (2005). The impact of fire and forest conversion into savanna on the bird communities of West Madagascan dry forests. *Animal Conservation* 8: 183-193
- Pope, T. L. (2006). *Effects of Prescribed Fire on Wintering, Bark-foraging Birds in Northern Arizona*. M.Sc. Thesis, Northern Arizona University.
- Porter, J. W., & Henderson, R. (1983). Birds and burning histories of open forest at Gundiah, southeastern Queensland. *Sunbird* 13: 61-69.
- Potter, M.W. & Kessell, S.R. (1980). Predicting mosaics and wildlife diversity resulting from fire disturbance to a forest ecosystem. *Environmental Management* 4(3): 247-254.
- Potts, S. G., A. Dafni & G. Ne'eman (2001). Pollination of a core flowering shrub species in Mediterranean phrygana: variation in pollinator diversity, abundance and effectiveness in response to fire. *Oikos* 92(1): 71-80.
- Potts, S. G., B. Vulliamy, A. Dafni, G. Ne'eman, C. O'Toole, S. Roberts & P. Willmer (2003). Response of plant-pollinator communities to fire: changes in diversity, abundance and floral reward structure. *Oikos* 101(1): 103-112.
- Powell, H. (2000). *The influence of prey density on post-fire habitat use of the Black-backed Woodpecker*. M.S. thesis, University of Montana, Missoula, MT.
- Prachar, R., Sage, R. W., Jr. & Deisch, M. S. (1988). Site occupancy, density, and spatial distribution of beaver colonies in burned and unburned areas in the Adirondacks. *Transactions, Northeast Section of the Wildlife Society* 45: 74.
- Prada, M. & Marinho-Filho, J. (2004). Effects of fire on the abundance of xenarthrans in Mato Grosso, Brazil. *Austral Ecology* 29(5): 568-573.
- Press, A. J. (1987). Fire management in Kakadu National Park: the ecological basis for the active use of fire. *Search* 18: 244-248.
- Prodon, R. (1987). Fire, bird conservation and land management in the North-Mediterranean area. *Ecologia mediterranea* 13(4): 127-133.

- Prodon, R. (1987). Incendies et protection des oiseaux en France méditerranéenne. *L'Oiseau et la Revue Française d'Ornithologie* 57: 1-12.
- Prodon, R. (1988). *Dynamique des systèmes avifaune-végétation après déprise rurale et incendies dans les Pyrénées méditerranéennes siliceuses*. Thèse de Doctorat d'Etat. Université Paris 6.
- Prodon, R. (1994). Fire ecology of birds in a northern Mediterranean area. *Journal für Ornithologie* 135: 491.
- Prodon, R. (1995). Impact des incendies sur l'avifaune. Gestion du paysage et conservation de la biodiversité animale. *Forêt Méditerranéenne* 16: 255-263.
- Prodon R., Fons, R. & Athias-Binche, F. (1987). The impact of fire on animal communities in Mediterranean area. In: Trabaud L. (ed). *The role of fire on ecological systems*. SPB Academic Publishing, The Hague. pp. 121-157.
- Prodon, R., Fons, R. & Peter, A.M. (1984). L'impact du feu sur la végétation, les oiseaux et les micromamifères dans diverses formations des Pyrénées-Orientales: premiers résultats. *Revue d'Ecologie-Terre et Vie* 39: 129-158.
- Prodon, R. & Lebreton, J.-D. (1981). Breeding avifauna of a Mediterranean succession: the holm oak and cork oak series in the eastern Pyrenees, 1. Analysis and modelling of the structure gradient. *Oikos* 37: 21-38.
- Prodon, R. & Lebreton, J.D. (1983). Prediction of bird census from vegetation structure. Application to the study of a post-fire succession. In: Purroy, F. J. (ed.). *Bird census and Mediterranean landscape*. Proc. 7th Int. Conf. Bird Census Work, Univ. Leon, Leon.
- Prodon, R. & Pons, P. (1993). Postfire bird studies: methods, questions and perspectives. In *Fire in Mediterranean ecosystems*, ed. L. Trabaud, R. Prodon, Ecosystems research reports 5. Commission of the European Communities. Brussels. pp. 332-343.
- Propst, D.L., Stefferud, J.A. & Turner, P.R. (1992). Conservation and status of Gila trout, *Oncorhynchus gilae*. *Southwestern Naturalist* 37(2): 117-125.
- Purcell, A., Schnoes, R. & Starkey, E. (1980). The effects of prescribed burning on mule deer in Lava Beds National Monument. *Proc. Second Conf. Sci. Res. Natl. Parks* 10: 346-374.
- Purcell, A., Schnoes, R. & Starkey, E. (1984). The effects of prescribed burning on mule deer in Lava Beds National Monument. In: *Ecological research in national parks of the Pacific Northwest*. Forest Research Laboratory Publication, Oregon State University, School of Forestry, Cooperative Park Studies Unit. pp. 111-119.
- Purcell, K.L. & Stephens, S.L. (2005). Changing fire regimes and the avifauna of California oak woodlands. *Studies in Avian Biology* 30: 33-45.
- Purcell, K.L. & Stephens, S.L. (2005). Natural and anthropogenic fire regimes, vegetation effects, and potential impacts on the avifauna of California oak woodlands. *USDA Forest Service Gen. Tech. Rep.* PSW-GTR-191.
- Puschig, M. & J. Schettler-Wiegel (1987). *Untersuchung über den Einfluss des kontrollierten Brennens auf die in der Vegetationsschicht überwintende Makrofauna im Neustädter Moor, Landkreis Diepholz*. Univ. Bremen, Fachber. 2 Biologie-Ökologie. Studie im Auftrag des Landes Niedersachsen, Bezirksregierung Hannover, 88 pp. + Anhang.

- Pyle, W.H. & Crawford, J.A. (1996). Availability of foods of sage grouse chicks following prescribed fire in sagebrush-bitterbrush. *Journal of Range Management* 49(4): 320-324.
- Pylypec, B. (1991). Impacts of fire on bird populations in a fescue prairie. *Canadian Field-Naturalist* 105(3): 346-349.
- Quinn, R.D. (1979). Effects of fire on small mammals in the chaparral. *Cal-Neva Wildlife Transactions* 1979: 125-133.
- Quinn, R. D. (1994). Animals, fire, and vertebrate herbivory in Californian chaparral and other Mediterranean-type ecosystems. Pp. 46–78 in J. M. Moreno, and W. C. Oechel (editors). *The role of fire in Mediterranean-type ecosystems*. Springer-Verlag, New York, NY.
- Radea, C. & Arianoutsou, M. (1998). Decomposition processes and soil mesofauna groups in post-fire successional *Pinus halepensis* forests of Greece. In: Trabaud L. (ed). *Fire management and landscape ecology*. International Association of Wildland Fire, pp. 247-252.
- Radea, C. & Arianoutsou, M. (2000). Cellulose decomposition rates and soil arthropod community in a *Pinus halepensis* Mill. forest of Greece after a wildfire. *European Journal of Soil Biology* 36(1): 57-64.
- Radho-Toly, S., Majer, J.D. & Yates, C. (2001). Impact of fire on leaf nutrients, arthropod fauna and herbivory of native and exotic eucalypts in Kings Park, Perth, Western Australia. *Austral Ecology* 26(5): 500-506.
- Ramos, P.C.M. (2003). Fire in Cerrado and Pantanal—ecology and management. *2nd International Wildland Fire Ecology and Fire Management Congress*.
- Rana, B.D. (1985). Effect of fire on small mammals of a natural grassland community. *Mammalia* 49(4): 485-490.
- Raphael, M.G., Morrison, M.L. & Yoder-Williams, M.P. (1987). Breeding bird populations during twenty-five years of postfire succession in the Sierra Nevada. *Condor* 89: 614-626.
- Rasmussen, L.A., Amman, G.D., Vandygriff, J.C., Oakes, R.D., Munson, A.S. & Gibson, K.E. (1996). Bark beetle and wood borer infestation in the greater Yellowstone area during four postfire years. Gen. Tech. Rep. INT-GTR-487. *USDA Forest Service Intermountain Research Station Research Paper* 487: 1-10.
- Ratkowsky, A.V. (1978). The effect of a spring fire on the number of bird species. *Tasmanian Naturalist* (53): 11-12.
- Ratkowsky, A.V. (1979). The bird species of Mt. Nelson in relation to microhabitat and recent bushfires. *Tasmanian Naturalist* (57): 12-18.
- Ratkowsky, A.V. (1985). The effect of a severe fire on the number of bird species in a wet sclerophyll environment. *Tasmanian Naturalist*, 8-9.
- Raymond, A.M., Fuhlendorf, S.D. & Engle, D.M. (2007). PS 72-173: Effects of spatially heterogeneous fire and grazing on butterfly communities in tallgrass prairie. *ESA/SER Joint Meeting* (August 5 - August 10, 2007), San Jose, CA.
- Real, J. (2000). Los incendios pueden favorecer la recolonización de la collalba negra *Oenanthleucura*. *Ardeola* 47: 93-96.

- Ream, C.H., comp. (1981). The effects of fire and other disturbances on small mammals and their predators: an annotated bibliography. *Gen. Tech. Rep. INT-106*. Ogden, UT: U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station. 55 p.
- Recher, H.F. (1981). Death of an Australian myth: fire and its effects on wildlife. In P.J. Stanbury (Ed.), *Bushfires: their effect on Australian life and landscape*. Macleay Museum, University of Sydney. pp. 39-48.
- Recher, H.F. (1997). Impact of wildfire on the avifauna of Kings Park, Perth, Western Australia. *Wildlife Research* 24(6): 745–761.
- Recher, H.F., Allen, D., & Gowing, G. (1985). The impact of wildfire on birds in an intensively logged forest. In A. Keast, H. F. Recher, H. Ford, & D. Saunders (Eds.), *Birds of eucalypt forests and woodlands: ecology, conservation, management*. Surrey Beatty. pp. 283-290.
- Recher, H.F., & Christensen, P.E. (1981). Fire and the evolution of the Australian biota. In A. Keast (Ed.), *Ecological biogeography in Australia* (). Junk. pp. 135-162.
- Recher, H.F., Lunney, D. & Posamentier, H. (1975). A grand natural experiment – the Nadgee wildfire. *Australian Natural History* 18: 150-163.
- Recher, H.F., Lunney, D. & Posamentier, H. (1975). Effects of wildfire on small mammals at Nadgee Nature Reserve N.S.W. *Third Fire Ecology Symposium*, Monash Univ. Forestry Commission of Victoria, pp. 30-36.
- Reed, C.C. (1997). Responses of prairie insects and other arthropods to prescription burns. *Natural Areas Journal* 17: 380-385.
- Reilly, P. (1991a). The effect of wildfire on bird populations in a Victorian coastal habitat. *Emu*, 91: 100-106.
- Reilly, P. (1991b). The effect of wildfire on bush bird populations in six Victorian coastal habitats. *Corella* 15: 134-142.
- Reinking, D.L. (2005). Fire regimes and avian responses in the central tallgrass prairie. *Studies in Avian Biology* 30: 116-126.
- Renwald, J.D. (1977). Effect of fire on Lark Sparrow nesting densities. *Journal of Range Management* 30: 283–285.
- Restin, M. (1995). *Ökologische Auswirkungen eines Waldbrandes auf die Zusammensetzung der Carabidenfauna*. Dipl. Arb. Fachb. Biologie (FB 23), Freie Univ. Berlin, 137 pp. (unveröff.).
- Reynolds, M.C. & Krausman, P.R. (1998). Effects of winter burning on birds in mesquite Grassland. *Wildlife Society Bulletin* 26(4): 867-876.
- Rice, L.A. (1932). The effect of fire on the prairie animal communities. *Ecology* 13(4): 392-401
- Richards, C. & Minshall, G.W. (1992). Spatial and temporal trends in stream macroinvertebrate communities: the influence of catchment disturbance. *Hydrobiologia* 241: 173–184.
- Richardson, R.J. & Holliday, N.J. (1982). Occurrence of Carabid beetles (Coleoptera: Carabidae) in a boreal forest damaged by fire. *Canadian Entomologist* 114(6): 509-514.
- Rickard, W.H. (1970). Ground dwelling beetles in burned and unburned vegetation. *Journal of*

Range Management 23:293-294.

- Ridpath, M.G. (1972). The effects of fire on fauna. *Proceedings of the 1971 Tropical and Arid Fire Symposium*. pp. 64-66.
- Ridpath, M.G. (1974). The ecological consequences of fire for animal communities. In: R.E. Fox (Ed.), *Report on the use of fire in national parks and reserves*. (pp. 48-53). Darwin: Department of the Northern Territory.
- Riechert, S.E. & Reeder, W.G. (1972). Effects of fire on spiders distribution in southwestern Wisconsin prairies. In: *Proceedings of the Second Midwest Prairie Conference* (J. Zimmerman ed.), Madison, Wisconsin. pp. 73-90.
- Rieman, B. & Clayton, J. (1997). Wildfire and native fish: issues of forest health and conservation of sensitive species. *Fisheries* 22: 6–15.
- Rieman, B., Lee, D., Burns, D., Gresswell, R., Young, M., Stowell, R., Rinne, J. & Howell, P. (2003). Status of native fishes in the western United States and issues for fire and fuels management. *Forest Ecology and Management* 178(1-2): 197-211.
- Rieman, B., Lee, D., Chandler, G. & Myers, D. (1997). Does wildfire threaten extinction for salmonids? Responses of redband trout and bull trout following recent large fires on the Boise National Forest. In: Greenlee, Jason M., ed. *Proceedings, 1st conference on fire effects on rare and endangered species and habitats*, 1995 November 13-16, Coeur d'Alene, ID. International Association of Wildland Fire. pp. 47-57.
- Riggs, R.A. & Peek, J.M. (1980). Mountain sheep habitat-use patterns related to post-fire succession. *Journal of Wildlife Management* 44(4): 933-938.
- Rinne, J. (1996). Short-term effects of wildfire on fishes and aquatic macroinvertebrates in the southwestern United States. *North American Journal of Fisheries Management* 16: 653-658.
- Rinne, J.N. (2003). Wildfire in the southwestern United States: Effects on fishes and their habitats. *Proc. 5th International wildland fire symposium*. Orlando Florida, Nov 16-19, 2003.
- Rinne, J.N. (2003). Flows, fishes, foreigners, and fires: Relative impacts on southwestern native fishes. *Hydrology and Water Resources in the Southwest* 33: 79-84.
- Rinne, J.N. (2004). Forests, fish and fire: relationships and management implications for fishes in the southwestern USA. *Forest Land-Fish Conference II—Ecosystem Stewardship through Collaboration. Proc. Forest-Land-Fish Conf. II, April: 26-28*.
- Rinne, J.N. & Calamusso, B. (2006). Native southwestern trouts. Conservation with reference to physiography, hydrology, distribution and threats. In: Symposium on Inland trouts. Western Division of American Fisheries Society, Feb 28-Mar 2, 2004, Salt Lake City Utah. 53: 63-77.
- Rinne, J.N. & Carter, C.D. (2003). Short-term effects of wildfires on fishes in streams in the southwestern United States. In: Narog, M.G. (technical coordinator). *Proceedings of the 2002 Fire Conference on Managing Fire and Fuels in the Remaining Wildlands and Open Spaces of the Southwestern United States*, 2002 December 2-5, San Diego, CA. General Technical Report PSW-189. Pacific Southwest Research Station, Forest Service, U.S. Department of Agriculture.

- Rinne, J.N. & Miller, D. (200x). *Wildfire in the southwestern USA: effects on rare, native fishes and their habitats*. International Wildland Fire Symposium.
- Rinne J.N. & Neary, D.G. (1996). *Effects of fire on aquatic habitats and biota in Madrean-type ecosystems – Southwestern USA*. USDA Forest Service General Technical Report RM-289: 135-145.
- Robel, R.J., Hughes, J.P., Hull, S.D., Kemp, K.E. & Klute, D.S. (1998). Spring burning: resulting avian abundance and nesting in Kansas CRP. *Journal of Range Management* 51:132–138.
- Roberts, P.E. (1970). Some effects of a bushfire on heathland birdlife. *Proceedings of the Royal Zoological Society of New South Wales* 89: 40-43.
- Roberts, T.A. & Tiller, R.L. (1985). Mule deer and cattle responses to a prescribed burn. *Wildlife Society Bulletin* 13(3): 248-252.
- Robertson, M.D. (1991). *Winter ecology of migratory sage grouse and associated effects of prescribed fire in southeastern Idaho*. M.S. Thesis, University of Idaho, Moscow. 88pp.
- Roby, K.B. (1989). *Watershed response and recovery from the Will Fire: ten years of observation*. Gen. Tech. Rep. PSW-109. U.S. Department of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station. pp. 131–136.
- Roby, K.B. & Azuma, D.L. (1995). Changes in a reach of a northern California stream following wildfire. *Environmental Management* 19: 591–600.
- Rodrigo, A. & Retana, J. (2006). Post-fire recovery of ant communities in Submediterranean *Pinus nigra* forests. *Ecography* 29(2): 231-239.
- Rogers, R.E. & Samuel, D.E. (1984). Ruffed grouse brood use of oak-hickory managed with prescribed burning. *Transactions of the Northeast Section of the Wildlife Society* 40:142–154.
- Rohrbaugh, R.W., Jr., Reinking, D.L., Wolfe, D.H., Sherrod, S.K. & Jenkins, M.A. (1999). Effects of prescribed burning and grazing on nesting and reproductive success of three grassland passerine species in tallgrass prairie. *Studies in Avian Biology* 19:165–170.
- Roppe, J.A. & Hein, D. (1978). Effects of fire on wildlife in a lodgepole pine forest. *Southwestern Naturalist* 23:279-288.
- Rosenberger, A.E., Dunham, J.B., Wipfli, M.S. & Buffington, J.M. (2005). Effects of fire and subsequent channel-reorganizing events on invertebrate drift and rainbow trout diet in small headwater streams 10 years post-disturbance. *American Geophysical Union, Spring Meeting 2005, abstract# B43B-03*.
- Ross, D.A. (1960). Damage by long-horned wood borers in fire-killed white spruce, central British Columbia. *Forestry Chronicles* 36: 355-361.
- Rotenberry, J.T., Cooper, R.J., Wunderle, J.M. & Smith, K.G. (1995). When and how are populations limited: the roles of insect outbreaks, fire, and other natural perturbations. Pp. 55–84 in T. E. Martin, and D. M Finch (editors). *Ecology and management of Neotropical migratory birds: a synthesis and review of critical issues*. Oxford University Press, New York, NY.
- Rowe-Rowe, D.T. (1995). Small-mammal recolonization of a fire-exclusion catchment after unscheduled burning. *South African Journal of Wildlife Research* 25(4): 133-137.

- Rowe-Rowe, D.T. & Lowry, P.B. (1982). Influence of fire on small-mammal populations in the Natal Drakensberg. *South African Journal of Wildlife Research* 12(4): 130-139.
- Rowley, I. & Brooker, M. (1987). The response of a small insectivorous bird to fire in heathlands. In D. A. Saunders, G. W. Arnold, A. A. Burbidge, & A. J. M. Hopkins (Eds.), *Nature Conservation: the role of remnants of native vegetation*. Surrey Beatty. pp. 211-218.
- Rudnicky, J.L., Patterson, W.A. & Cook, R.P. (1999). Experimental use of prescribed fire for managing grassland bird habitat at Floyd Bennett Field, Brooklyn, New York. In: P.D. Vickery & P.W. Dunwiddie (editors). *Grasslands of northeastern North America*. Massachusetts Audubon Society, Lincoln, MA. pp. 99–118
- Russell, E. & Rowley, I. (1998). The effects of fire on a population of Red-winged Fairy-wrens *Malurus elegans* in Karri forest in southwestern Australia. *Pacific Conservation Biology* 4: 197-208.
- Russell, K.R., Lear, D.H.V. & Gynn Jr, D.C. (1999). Prescribed fire effects on herpetofauna: review and management implications. *Wildlife Society Bulletin* 27(2): 374-384.
- Russell, R.E., Saab, V.A. & Dudley, J. (2007). Habitat suitability models for cavity-nesting birds in a postfire landscape. *The Journal of Wildlife Management* 71(8): 2600–2611.
- Rutanen, I. (1994). Metsäpalon vaikutuksesta kovakuoriaislajistoon Patvinsuon kansallispuistossa [The impact of forest fire on the beetle fauna in the National Park of Patvinsuo in Eastern Finland]. Helsinki. *Publications of the Water and Environment Administration–Series A* 196.
- Rutigliano, F.A., Migliorini, M., Maggi, O., D'Ascoli, R. & Persiani, A.M. (2006). Changes in microfungi and fauna of burned and unburned soils in a Mediterranean area of southern Italy. *Forest Ecology and Management* 234(1): S196.
- Saab, V.A. (1997). Cavity-nesting bird responses to stand-replacement fire and postfire salvage logging. *Blue Mountains Natural Resources Institute* 7: 8-9.
- Saab, V.A., Block, W., Russell, R.E., Lehmkuhl, J., Bate, L. & White, R. (2007). *Birds and burns of the interior west: Descriptions, habitats, and management in western forests*. USDA Forest Service, Pacific Northwest Research Station. Gen. Tech. Rep. PNW-GTR-712. Portland, OR.
- Saab, V. A., Brannon, R., Dudley, J., Donohoo, L., Vanderzanden, D., Johnson, V. & Lachowski, H. (2002). Selection of fire-created snags at two spatial scales by cavity-nesting birds. In: P.J Shea, W.F. Laudenslayer, Jr., B. Valentine, C.P. Weatherspoon & T. Lisle, E. (technical coordinators). *USDA Forest Service General Technical Report PSW-GTR-181*. USDA Forest Service, Pacific Southwest Research Station, Albany, CA. pp. 835–848.
- Saab, V.A. & Dudley, J.G. (1998). *Responses of cavity-nesting birds to stand-replacement fire and salvage logging in ponderosa pine/Douglas-fir forests of southwestern Idaho*. Res. Pap. RMRS-RP-11. U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 17 p.
- Saab, V. A., Dudley, J. & Thompson, W.L. (2004). Factors influencing occupancy of nest cavities in recently burned forests. *The Condor* 106(1): 20-36.
- Saab, V.A., Kotliar, N.B. & Block, W.M. (2005). Relationships of fire ecology and avian

- communities in North America. In: *Proceedings of the Third International Partners in Flight Conference*, March 20-24, 2002. Ralph, C.J., Rich, T., and Long, L. (editors). USDA Forest Service Gen. Tech. Rep. PSW-GTR-191. pp. 1083-1085.
- Saab, V.A. & Powell, D.W. (eds.). (2005). Fire and avian ecology in North America. *Studies in Avian Biology* 30
- Saab, V.A., Powell, H.D.W., Kotliar, N.B. & Newlon, K.R. (2005). Variation in fire regimes of the Rocky Mountains: implications for avian communities and fire management. *Studies in Avian Biology* 30: 76-96.
- Saab, V., Russel, R. & Dudley, J.G. (2007). Nest densities of cavity-nesting birds in relation to postfire salvage logging and time since wildfire. *Condor* 109: 97-108.
- Saab, V.A., Russell, R.E. & Dudley, J.G. (2008). Nest-site selection by cavity-nesting birds in relation to postfire salvage logging. *Forest Ecology and Management*.
- Saab, V.R. & Vierling, K.T. (2001). Reproductive success of Lewis' woodpecker in burned pine and cottonwood riparian forests. *Condor* 103:491-501.
- Sackmann, P. & Farji-Brener, A. (2006). Effect of fire on ground beetles and ant assemblages along an environmental gradient in NW Patagonia: Does habitat type matter? *Ecoscience* 13(3): 360–371.
- Saint-Germain, M., Drapeau, P. & Hebert, C. (2004). Comparison of Coleoptera assemblages from a recently burned and unburned black spruce forests of northeastern North America. *Biological Conservation* 118(5): 583-592.
- Saint-Germain, M., Larrivee, M., Drapeau, P., Fahrig, L. & Buddle, C.M. (2005). Short-term response of ground beetles (Coleoptera: Carabidae) to fire and logging in a spruce-dominated boreal landscape. *Forest Ecology and Management* 212(1/3): 118-126.
- Sainz-Elipe, S., Galán-Puchades, M.T. & Fuentes, M.V. (2007). The helminth community of the Mediterranean mouse, *Mus spretus*, in a post-fire regenerated Mediterranean ecosystem. *Helminthologia* 44(3): 107-111.
- Salaman, K.A. (1934). Entomological factors affecting salvaging of fire injured trees. *Journal of Forestry* 32:1016-1017.
- Sallabanks, R. (1995). *Effects of wildfire on breeding bird communities in coniferous forests of northeastern Oregon*. Unpublished Annual Report, Sustainable Ecosystems Institute. Meridian, ID. 44 p.
- Salvatori, V., Egonyu, F., Skidmore, A.K., de Leeuw, J. & van Gils, H.A.M. (2001). The effects of fire and grazing pressure on vegetation cover and small mammal populations in the Maasai Mara National Reserve. *African Journal of Ecology* 39(2): 200–204.
- Sánchez, G., Campaña, C. & González, E. (2007). Efectos secundarios de grandes incendios forestales: situaciones de alerta fitosanitaria. Modelización y control de agentes dañinos oportunistas. *Proceedings, 4th International Wildland Fire Conference*, Seville.
- Sanders, N.J. (2004). Immediate effects of fire on the invasive argentine ant, *Linepithema humile*. *The Southwestern Naturalist* 49(2): 246–250
- Santoro, A.E., Lombardero, M.J., Ayers, M.P. & Ruel, J.J. (2001). Interactions between fire and bark beetles in an old growth pine forest. *Forest Ecology and Management* 144: 245-254.

- Sara, M., Bellia, E. & Milazzo, A. (2006). Fire disturbance disrupts co-occurrence patterns of terrestrial vertebrates in Mediterranean woodlands. *Journal of Biogeography* 33(5): 843-852.
- Sareen, A.M. (2003). Effects of prescribed burning on small mammal species diversity in forested habitat in Richmond National Battlefield Park. Thesis Proposal.
- Schaefer, J.A. & Pruitt, W.O., Jr. (1991). Fire and woodland caribou in southeastern Manitoba. *Wildlife Monographs* 116: 1-39.
- Schaefer, M. (1980). Effects of an extensive fire on the fauna of spiders and harvestmen (Araneida and Opillionida) in Pine forests. *Internationaler Arachnologen-Kongress, Wien* (J. Gruber ed.). Verlag H. Egermann, Wien. pp. 103-108.
- Schardien, B.J. & Jackson, J.A. (1978). Extensive ground foraging by pileated woodpeckers in recently burned pine forests. *The Mississippi Kite* 8(1): 7-9.
- Schieck, J. & Hobson, K.A. (2000). Bird communities associated with live residual tree patches within cut blocks and burn habitat in mixed woodland boreal forests. *Canadian Journal of Forest Research* 30: 1281-1295.
- Schieck, J. & Song, S.J. (2002). Responses of boreal birds to wildfire and harvesting. In: S.J. Song (ed.). *Ecological basis for stand management: a synthesis of ecological responses to wildfire and harvesting*. Alberta Research Council Inc., Vegreville, AB, Canada. Pp. 9-1 - 9-45
- Schieck, J. & Song, S.J. (2006). Changes in bird communities throughout succession following fire and harvest in boreal forests of western North America: literature review and meta-analyses *Can. J. For. Res.* 36(5): 1299-1318.
- Schlesinger, C.A., Noble, J.C. & Weir, T. (1997). Fire studies in mallee (*Eucalyptus* spp.) communities of western New South Wales: reptile and beetle populations in sites of differing fire history. *The Rangeland Journal* 19(2): 190-205.
- Schmid, J. M., Thomas, L., Rogers, T. J. (1981). *Prescribed burning to increase mortality of Pandora moth pupae*. Res. Note RM-405. U.S. Department of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station. 3 p.
- Schmidt, W. & Mason, M. (1973). Fire and fauna in the northern jarrah forest of western Australia. *Western Australian Naturalist* 12(7): 162-164.
- Schmidt, W. & Mason, M. (1973). The effect of prescribed burning on the fauna of the jarrah forest. *Forests Department, Western Australia, Research Paper* 11: 1-5.
- Schmiegelow, F.K.A., Stepnisky, D. & Stambaugh, C. (2001). *Post-fire use of burned and salvage-logged areas by boreal birds in a mixed woodland forest*. Report to Sustainable Ecosystems Research Users Group, Alberta Environment, Edmonton, AB, Canada.
- Schwalter, T.D., Coulson, R.N. & Crossley, D.A., Jr. (1981). Role of southern pine beetle and fire in maintenance of structure and function of the southeastern coniferous forest. *Environmental Entomology* 10: 821-825.
- Schulte, L.A. & Niemi, G.J. (1998). Bird communities of early-successional burned and logged forest. *Journal of Wildlife Management* 62:1418-1429.

- Schultz, C.B. & Crone, E.E. (1998). Burning prairie to restore butterfly habitat: a modeling approach to management tradeoffs for the Fender's Blue. *Restoration Ecology* 6(3): 244-252.
- Schurbon, J.M. & Fauth, J.E. (2003). Effects of prescribed burning on amphibian diversity in a southeastern U.S. national forest. *Conservation Biology* 17: 1338-1349.
- Schurbon, J.M. & Fauth, J.E. (2004). Fire as friend and foe of amphibians: a reply. *Conservation Biology* 18:1156– 1159.
- Schwilk, D.W. & Keeley, J.E. (1998). Rodent populations after a large wildfire in California chaparral and coastal sage scrub. *Southwestern Naturalist* 43(4): 480-483.
- Scrimgeour, G.J., Tonn, W.M., Paszkowski, C.A. & Goater, C. (2001). Benthic macroinvertebrate biomass and wildfires: evidence for enrichment of boreal subarctic lakes. *Freshwater Biology* 46: 376-378.
- Seaman, B.D. & Kremetz, D.G. (2000). Movements and survival of Bachman's Sparrow in response to prescribed summer burns in South Carolina. *Proceedings of the Annual Conference of the Southeastern Association of Fish and Wildlife Agencies* 54:227–240.
- Seastedt, T.R. (1984). Below-ground macroarthropods of annually burned and unburned tallgrass prairie. *American Midland Naturalist* 111: 405-408.
- Seastedt, T.R., Hayes, D.C. & Petersen, N.J. (1986). Effects of vegetation, burning and mowing on soil macroarthropods of tallgrass prairie. In: Clambey, Gary K., Pemble, Richard H., eds. *The prairie: past, present and future*: Proceedings, 9th North American prairie conference, 1984 July 29-August 1, Moorhead, MN. Tri-College University Center for Environmental Studies. pp. 99-102.
- Seip, D.R. & Bunnell, F.L. (1985). Nutrition of Stone's sheep on burned and unburned ranges. *Journal of Wildlife Management* 49(2): 397-405.
- Sestrich, C.M. (2005). *Changes in native and nonnative fish assemblages and habitat following wildfire in the Bitterroot river basin, Montana*. M.Sc. thesis, University of Montana.
- Severns, P.M. (2005). Response Of A Terrestrial Mollusc Community To An Autumn Prescribed Burn In A Rare Wetland Prairie Of Western Oregon, USA. *Journal of Molluscan Studies* 71(2): 181-187.
- Sgardelis, S.P. & Margaris, N.S. (1992). Effects of fire on birds and rodents of a phryganic(East Mediterranean) ecosystem. *Israel Journal of Zoology* 38(1): 1-8.
- Sgardelis, S.P. & Margaris, N.S. (1993). Effects of fire on soil microarthropods of a phryganic ecosystem. *Pedobiologia (Jena)* 37(2): 83-94.
- Sgardelis, S.P., Pantis, J.D., Argyropoulou, M.D. & Stamou, G.P. (1995). Effects of fire on soil macroinvertebrates in a Mediterranean phryganic ecosystem. *International Journal of Wildland Fire* 5(2): 113-121.
- Shaw, J.H. & Carter, T.S. (1990). Bison movements in relation to fire and seasonality. *Wildlife Society Bulletin* 18(4): 426-430.
- Short, K.C. (2003). *Complexity and variation in the effects of low-severity fires on forest biota*. Dissertation. University of Montana, Missoula, Montana.

- Shriver, W.G. & Vickery, P.D. (2001). Response of breeding Florida grasshopper and Bachman's sparrows to winter prescribed burning. *Journal of Wildlife Management* 65:470–475.
- Shriver, W.G., Vickery, P.D. & Perkins, D.W. (1999). The effects of summer burns on breeding Florida Grasshopper and Bachman's sparrows. *Studies in Avian Biology* 19:144–148.
- Siemann, E., Haarstad, J. & Tilman, D. (1997). Short-term and long-term effects of burning on oak savanna arthropods. *American Midland Naturalist* 137 (2): 349-361.
- Sileshi, G. & Mafongoya, P.L. (2006). The short-term impact of forest fire on soil invertebrates in the Miombo. *Biodiversity and Conservation* 15(10): 3153-3160.
- Silveira, C.E. (1993). *Recovery plan for threatened mallee birds - addressing fire regimes*. Royal Australasian Ornithologists Union.
- Silveira, L., Jácomo, A.T.A., Diniz Filho, J.A.F. & Rodrigues, F.H.G. (1999). Impact of wildfires on the megafauna of Emas National Park, central Brazil. *Oryx* 33(2): 108–114.
- Sime, C.A. (1991). *Sage grouse use of burned, non-burned, and seeded vegetation communities on the Idaho National Engineering Laboratory, Idaho*. M.S. Thesis, Montana State University, Bozeman. 61 pp.
- Simon N.P.P., Stratton C.B., Forbes G.J. & Schwab F.E. (2002). Similarity of small mammal abundance in post-fire and clearcut forests. *Forest Ecology and Management* 165(1): 163-172.
- Simons, L.H. (1989). Vertebrates killed by desert fire. *The Southwestern Naturalist* 34(1): 144-145.
- Simons, L.H. (1991). Rodent dynamics in relation to fire in the Sonoran Desert. *Journal of Mammalogy* 72(3): 518-524.
- Simovich, M.A. (1979). Post fire reptile succession. *Cal-Neva Wildlife Transactions* 1979: 104-113.
- Sims, H.P. & Buckner, C.H. (1973). The effect of clear cutting and burning of *Pinus banksiana* forests on the populations of small mammals in southeastern Manitoba. *American Midland Naturalist* 90(1): 228-231.
- Singer, F.J., Schreier, W., Oppenheim, J. & Garton, E.O. (1989). Drought, fires, and large mammals. *Bioscience* 39: 716-722.
- Skinner, N.G. 1989. *Seasonal avifauna use of burned and unburned lodgepole pine forest ecotones*. Thesis. University of Montana, Missoula, Montana, USA.
- Slater, S.J. (2003). *Sage-grouse (Centrocercus urophasianus) use of different-aged burns and the effects of coyote control in southwestern Wyoming*. M.Sc. Thesis, Dept. of Zoology and Physiology, The University of Wyoming.
- Slik, J.W.F. & Van Balen, S. (2006). Bird community changes in response to single and repeated fires in a lowland tropical rainforest of eastern Borneo. *Biodiversity and Conservation* 15(14): 4425-4451.
- Smallwood, J.A., Woodrey, M., Smallwood, N.J. & Kettler, M.A. (1982). Foraging by cattle egrets and American kestrels at a fire's edge. *Journal of Field Ornithology* 53(2): 171-172.

- Smith, G.T. (1985a). Fire effects on populations of the Noisy Scrub-bird (*Atrichornis clamosus*), Western Bristle-bird (*Dasyornis longirostris*) and Western Whip-bird (*Psophodes nigrogularis*). In J. R. Ford (Ed.), *Fire ecology and management in Western Australian ecosystems*. (Perth: Western Australian Institute of Technology. pp. 95-102.
- Smith, G.T. (1994). Fire and rare species conservation in coastal southwest Australia. *Journal für Ornithologie* 135: 492.
- Smith, J.K. (ed.) (2000). *Wildland fire in ecosystems: effects of fire on fauna*. Gen. Tech. Rep. RMRS-GTR-42-vol. 1. Ogden, UT: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 83 p.
- Smith, L.J., Holycross, A.T., Painter, C.W. & Douglas, M.E. (2001). Montane rattlesnakes and prescribed fire. *The Southwestern Naturalist* 46(1): 54-61.
- Smith, P. (1989). Changes in a forest bird community during a period of fire and drought near Bega, New South Wales. *Australian Journal of Ecology* 14: 41-54.
- Smucker, K.M. (2003). *Changes in bird abundance and species composition in a coniferous forest following a mixed-severity wildfire*. Thesis. University of Montana, Missoula, Montana, USA.
- Smucker, K.M., R.L. Hutto & B.M. Steele (2005). Changes in bird abundance after wildfire: Importance of fire severity and time since fire. *Ecological Applications* 15(5): 1535-1549.
- Sparks, J.C., Masters, R.E., Engle, D.M., Payton, M.E. & Buehner, G.A. (1999). Influence of fire season and fire behavior on woody plants in Red-cockaded Woodpecker clusters. *Wildlife Society Bulletin* 27: 124-133.
- Specht, R.L. (1981). Responses to fires in heathlands and related shrublands. In A. M. Gill, R. H. Groves, & I. R. Noble (Eds.), *Fire and the Australian biota*. Australian Academy of Science. pp. 395-415.
- Spencer, C.N., Gabel, K.O. & Hauer, F.R. (2003). Wildfire effects on stream food webs and nutrient dynamics in Glacier National Park, USA. *Forest Ecology and Management* 178: 141-153.
- Springett, J.A. (1971). The effects of fire in litter decomposition and on the soil fauna in a *Pinus pinaster* plantation. *Proceedings of the Society for Soil Science* 4: 529-535.
- Springett, J.A. (1971). The effects of fire on litter decomposition and on soil fauna in *Pinus pinaster* plantation. IV. Colloquium pedobiologiae. *Annales de Zoologie* 17: 257-63.
- Springett, J.A. (1976). The effect of prescribed burning on the soil fauna and on litter decomposition in Western Australian forests. *Australian Journal of Ecology* 1: 77-82.
- Springett, J.A. (1979). The effects of a single hot summer fire on soil fauna and on litter decomposition in jarrah (*Eucalyptus marginata*) forest in Western Australia. *Australian Journal of Ecology* 4: 279-91.
- Spuõgis, V., Biteniektyõ, M. & Rõlys, V. (2005). The first year spider (Arachnida: Araneae) community in a burned area of Suda bog in Latvia. *Ekologija* 1: 43-50.
- Srivastava, R.K. (2002). Forest fire and biotic interference: A great threat to Nilgiri Biosphere. *Indian Forester* 128(6): 667-673.

- Stager, D.W. & Klebenow, D.A. (1987). Mule deer response to wildfire in Great Basin pinyon-juniper woodland. In: Everett, Richard L., comp. *Proceedings: pinyon-juniper conference*, 1986 January 13-16, Reno, NV. Gen. Tech. Rep. INT-215. U.S. Department of Agriculture, Forest Service, Intermountain Research Station. pp. 572-579.
- Stanton, F. (1975). *Fire impacts on wildlife and habitat. An abstracted bibliography of pertinent studies*. U.S. Department of the Interior, Bureau of Land Management. Denver Service Center. 48 p.
- Stanton, N.L., Seville, R.S., Buskirk, S.W., Miller, S.L., Spildie, D.R. & Fowler, J.F. (1998). *Captures and recaptures of small mammals to assess responses to fire in a coniferous forest*. University of Wyoming National Park Service Research Center.
- Stanton, P.A. (1986). Comparison of avian community dynamics of burned and unburned coastal sage scrub. *Condor*. 88: 285-289.
- Stanton, R.C., Horn, D.J., Purrington, F.F., Peacock, J.W. & Metzler, E.H. (2003). Monitoring selected arthropods. In: E.K. Sutherland & T.F. Hutchinson (eds.). *Characteristics of Mixed-Oak Forest Ecosystems in Southern Ohio Prior to the Reintroduction of Fire*. USDA Forest Service GTR NE-299. pp. 123-138.
- Stefan, D.C. (1977). *Effects of a forest fire upon the benthic community of a mountain stream in northeast Idaho*. M.A. Thesis, University of Montana, Missoula, 205 p.
- Stein, S.J., Price, P.W., Abrahamson, W.G. & Sacchi, C.F. (1992). The effect of fire on stimulating willow regrowth and subsequent attack by grasshoppers and elk. *Oikos* 65(2): 190-196.
- Stensaas, M. (1989). Forest fire birding. *Loon* 61(1): 43-44.
- Stoddard, H.L. (1935). Use of controlled fire in southeastern upland game management. *Journal of Forestry* 33: 346-351.
- Stoddard, H.L. (1936). Relations of burning to timber and wildlife. Transactions, *North American Wildlife Conference* 1: 399-403.
- Stoddard, H.L. (1963). Fire and birds in the mountains of southern Arizona Pp. 163-175 in *Proceedings of the Tall Timbers Fire Ecology Conference #2*. Tall Timbers Research Station, Tallahassee, FL.
- Stokes, T. (1975). The effect of a bushfire on the banding of Flame Robins in the Brindabella Ranges. *Australian Bird Bander* 13: 75-76.
- Stransky, J.J. & Harlow, R.F. (1981). Effects of fire on deer habitat in the Southeast. In: Wood, Gene W., ed. *Prescribed fire and wildlife in southern forests: Proceedings of a symposium*, 1981 Apr 6-8, Myrtle Beach, SC. The Belle W. Baruch Forest Science Institute of Clemson University. pp. 135-142.
- Stuart-Smith, K., Adams, I.A. & Larsen, K.W. (2002). Songbird communities in a pyrogenic habitat mosaic. *International Journal of Wildland Fire* 11(1): 75 – 84.
- Suckling, G.C. & Macfarlane, M.A. (1984). The effects of fire on fauna-a review. In E. Ealey (Ed.), *Fighting fire with fire-proceedings of a symposium on fuel reduction burning*: 107-128. Melbourne: Monash University.

- Süibbling, H.L. & Barron, M.G. (1995). Short-term effects of cool and hot prescribed burning on breeding songbird populations in the Alabama Piedmont. *Southern Journal of Applied Forestry* 19: 18-22.
- Sullivan, T.P. & Boateng, J.O. (1996). Comparison of small-mammal community responses to broadcast burning and herbicide application in cutover forest habitats. *Canadian Journal of Forest Research* 26: 462-473.
- Sullivan, T.P., Lautenschlager, R.A. & Wagner, R.G. (1999). Clearcutting and burning of northern spruce-fir forests: implications for small mammal communities. *Journal of Applied Ecology* 36(3): 327-344.
- Sunquist, M.E. (1967). Effects of fire on raccoon behavior. *Journal of Mammalogy* 48(4): 673-674.
- Sutherland, E.F. & Dickman, C.R. (1999). Mechanisms of recovery after fire by rodents in the Australian environment: a review. *Wildlife Research* 26(4): 405-419.
- Swanson, M.M. (2007). PS 42-36: Insect herbivory and fire have an interactive effect on nutrient dynamics in an oak savanna ecosystem. *ESA/SER Joint Meeting* (August 5 - August 10, 2007), San Jose, CA.
- Swengel, A.B. (1996). Effects of fire and hay management on abundance of prairie butterflies. *Biological Conservation* 76(1): 73-85.
- Swengel, A.B. (2001). A literature review of insect responses to fire, compared to other conservation managements of open habitat. *Biodiversity and Conservation* 10(7): 1141-1169.
- Swengel, A.B. & Swengel, S.R. (2007). Benefit of permanent non-fire refugia for Lepidoptera conservation in fire-managed sites. *Journal of Insect Conservation* 11(3): 263-279.
- Taylor, D.L. (1979). Forest fires and the tree-hole nesting cycle in Grand Teton and Yellowstone National Parks. In: Linn, R. M., ed. *Proceedings of the 1st conference on scientific research in the National Parks*, 1976 November 9-12, New Orleans, LA. U.S. Department of Agriculture, National Park Service. pp. 509-511.
- Taylor, D.L. & Barmore, W.J., Jr. (1980). Post-fire succession of avifauna in coniferous forests of Yellowstone and Grand Teton National Parks, Wyoming. In: *Workshop proceedings of the management of western forests and grasslands for nongame birds*, 1980 February 11-14, Salt Lake City, UT. Gen. Tech. Rep. INT-86. U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station. pp. 130-145.
- Taylor, J.E. & Fox, B.J. (2001). Disturbance effects from fire and mining produce different lizard communities in eastern Australian forests. *Austral Ecology* 26(2): 193-204.
- Taylor, J.E. & Fox, B.J. (2001). Assessing the disturbance impact on vegetation and lizard communities of fluoride pollution interacting with fire and mining in eastern Australia. *Austral Ecology* 26(4): 321-337.
- Taylor, R., Duckworth, P., Johns, T. & Warren, B. (1997). Succession in bird assemblages over a seven-year period in regrowth dry sclerophyll forest in south-east Tasmania. *Emu* 97(3): 220-230.
- Telfer, E.S. (1993). Wildfire and the historical habitats of the boreal forest avifauna. In: Kuhnke, D. H., ed. *Birds in the boreal forest, proceedings of a workshop*, 1992 March 10-12,

- Prince Albert, SK. Catalogue No. Fo18-22/1992E. Forestry Canada, Northwest Region, Northern Forestry Centre. pp. 27-37.
- Tester, J.R. (1965). Effects of a controlled burn on small mammals in a Minnesota oak-savanna. *American Midland Naturalist* 74:240-243.
- Tevis, L. Jr. (1956). Effect of a slash burn on forest mice. *The Journal of Wildlife Management* 20(4): 405-409.
- Tewes, M.E. (1984). Opportunistic feeding by white-tailed hawks at prescribed burns. *Wilson Bulletin* 96(1): 135-136.
- Thill, R.E., Martin, A., Jr., Morris, H.F., Jr. & McCune, E.D. (1987). Grazing and burning impacts on deer diets on Louisiana pine-bluestem range. *Journal of Wildlife Management*. 51(4): 873-880.
- Thiollay, J.M. (1971). L'exploitation des feux de brousse par les oiseaux en Afrique Occidentale. *Alauda* 39: 54-72
- Thomas, D.C., Barry, S.J. & Alaie, G. (1995). Fire-caribou-winter range relationships in northern Canada. *Rangifer* 16(2): 57-67.
- Tolhurst, K. (1996). Effects of fuel reduction burning on fauna in a dry sclerophyll forest. In DEST (Ed.), *Fire and biodiversity: the effects and effectiveness of fire management. Proceedings of the conference held 8-9 October 1994, Footscray, Melbourne.* Department of the Environment, Sports and Territories. pp. 113-121 (&129).
- Tomback, D.F. (1986). Post-fire regeneration of krummholz whitebark pine: a consequence of nutcracker seed caching. *Madrono* 33(2): 100-110.
- Tomcho, A.L., Greenberg, C.H., Lanham, J. D., Waldrop, T.A., Tomcho, J. & Simon, D. (2006). Effects of fuel reduction treatments on breeding birds in a southern Appalachian upland hardwood forest. In: R.F. Powers (tech. ed.). *Restoring fire-adapted ecosystems: proceedings of the 2005 national silviculture workshop.* USDA Forest Service Gen. Tech. Rep. PSW-GTR-203. pp. 285-296.
- Tonn, W.M., Paszkowski, C.A., Scrimgeour, G.J., Aku, P.K.M., Lange, M., Prepas, E.E. & Westcott, K. (2003). Effects of forest harvesting and fire on fish assemblages in boreal plains lakes: a reference condition approach. *Transactions of the American Fisheries Society* 132(3): 514-523.
- Trabaud L. & C. Papió (1987). Recuperació de les garrigues cremades de Montpellier i Garraf. In: Terrades J. (ed). *Ecosistemes terrestres: la resposta als incendis i a d'altres perturbacions*, 8: 101-112. Quaderns d'Ecologia Aplicada. Diputació de Barcelona, Barcelona.
- Tucker, J.W., Robinson, W.D. & Grand, J.B. (2004). Influence of fire on Bachman's sparrow, an endemic North American songbird. *Journal of Wildlife Management* 68(4): 1114-1123.
- Tulloch, A. (2003). *Post-fire distribution, abundance, and habitat use of small mammals in Royal National Park, Heathcote National Park and Garawarra State Recreation Area, New South Wales. A survey targeting the eastern pygmy possum, Cercartetus nanus.* Report to Royal National Park, NSW NPWS Sydney South Region. Unpublished Report.

- Turner, R.J. (1987). Effect of fire on birds - Weddin Mountain. In *Disappearing islands. Proceedings of a seminar on conservation and co-operation in the Central West National Parks and Wildlife Service, NSW*. pp. 66-86.
- Turner, R.J. (1992). Effect of wildfire on birds at Weddin Mountain, New South Wales. *Corella*, 16: 65-74.
- Twyford, K. & M. Hockings (1995). *Strategy for monitoring the effects of fire on vegetation and fauna, Fraser Island*. Unpublished report to Queensland Department of Environment and Heritage, Maryborough.
- U.S. Department of the Interior. (1996). *Effects of military training and fire in the Snake River Birds of Prey National Conservation Area*. BLM/IDARING Research Project Final Report. Boise, ID: U.S. Geological Survey, Biological Resources Division, Snake River Field Station. 130 p.
- Ukmar, E., Battisti, C., Luiselli, L. & Bologna, M.A. (2007). The effects of fire on communities, guilds and species of breeding birds in burnt and control pinewoods in central Italy. *Biodiversity and Conservation* 16(12): 3287-3300.
- Uys, C., Hamer, M. & Slotow, R. (2006). Effect of burn area on invertebrate recolonization in grasslands in the Drakensberg, South Africa. *African Zoology* 41(1): 51-65.
- Vacanti, P.L. & Geluso, K.N. (1985). Recolonization of a burned prairie by meadow voles (*Microtus pennsylvanicus*). *Prairie Naturalist* 17(1): 15-22.
- Valentine, L.E., Schwarzkopf, L., Johnson, C.N. & Grice, A.C. (2007). Burning season influences the response of bird assemblages to fire in tropical savannas. *Biological Conservation* 137(1): 90-101.
- Vales, D.J. & Peek, J.M. (1996). Responses of elk to the 1988 Yellowstone fires and drought. In: Greenlee, Jason M., ed. *The ecological implications of fire in Greater Yellowstone*. Proceedings, 2nd biennial conference on the Greater Yellowstone Ecosystem, 1993 September 19-21, Yellowstone National Park, WY. International Association of Wildland Fire. pp. 159-167.
- Valone, T.J., Nordell, S.E. & Ernest, S.K.M. (2002). Effects of fire and grazing on an arid grassland ecosystem. *The Southwestern Naturalist* 47(4): 557-565
- van Hensbergen, H.J., Botha, S.A., Forsyth, G.G. & Le Maitre, D.C. (1992). Do small mammals govern vegetation recovery after fire in fynbos? In: B.W. van Wilgen, D.M. Richardson, F.J. Kruger & H.J. van Hensbergen (eds), *Fire in South African mountain fynbos, Ecosystem, Community and Species Response at Swartboskloof*. Springer-Verlag. pp. 182-202.
- Van Meter, W.P. & Hardy, C.E. (1975). *Predicting effects on fish of fire retardants in streams*. Res. Pap. INT-166. U.S. Department of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station. 16 p.
- Ver Steeg, J.M., Harty, F.M. & Harty, L. (1983). Prescribed fire kills meadow voles (Illinois). *Restoration and Management Notes* 1(4): 21.
- Vermeire, L. & Mitchell, R. (2003). Prescribed fire effects on grasshopper assemblages in the southern plains. *Society for Range Management Meeting Proceedings*.
- Vernes, K. (2000). Immediate effects of fire on survivorship of the northern bettong (*Bettongia*

- tropica*): an endangered Australian marsupial. *Biological Conservation* 96(3): 305-309.
- Vernes, K. & Haydon, D.T. (2001). Effect of fire on northern bettong (*Bettongia tropica*) foraging behaviour. *Austral Ecology* 26(6): 649–659.
- Vickery, P.D. (2002). Effects of the size of prescribed fire on insect predation of northern blazing star, a rare grassland perennial. *Conservation Biology* 16(2): 413-421.
- Vickery, P.D., Hunter, M.L., Jr. & Wells, J.V. (1999). Effects of fire and herbicide treatment on habitat selection of grassland birds in southern Maine. *Studies in Avian Biology* 19:149–159.
- Vickery, P.D., Zuckerberg, B., Jones, A.L., Shriver, W.G. & Weik, A.P. (2005). Influence of fire and other anthropogenic practices on grassland and shrubland birds in New England. *Studies in Avian Biology* 30: 139-146.
- Vieira, E. M. (1999). Small mammal communities and fire in the Brazilian Cerrado. *Journal of Zoology* 249(01): 75-81.
- Vieira, E.M. & Marinho-Filho, J. (1998). Pre-and post-fire habitat utilization by rodents of Cerrado from central Brazil. *Biotropica* 30(3): 491-496.
- Vieira, N.K.M., Clements, W.H., Guevara, L.S. & Jacobs, B.F. (2004). Resistance and resilience of stream insect communities to repeated hydrologic disturbances after a wildfire. *Freshwater Biology* 49(10): 1243–1259.
- Villard, M. A. & Schieck, J. (1996). Immediate post-fire nesting by Black-backed Woodpeckers, *Picoides arcticus*, in northern Alberta. *Canadian Field Naturalist* 111:478–479.
- Villard, P. & Benninger, C.W. (1993). Foraging behavior of male black-backed and hairy woodpeckers in a forest burn. *Journal of Field Ornithology* 64: 71-76.
- Vinton, M.A., Harnett, D.C., Finck, E.J. & Briggs, J.M. (1993). Interactive effects of fire, bison (*Bison bison*) grazing and plant community composition in tallgrass prairie. *American Midland Naturalist* 129: 10-18.
- Vogel, J.A., Debinski, D.M., Koford, R.R. & Miller, J.R. (2007). Butterfly responses to prairie restoration through fire and grazing. *Biological Conservation* 140(1-2): 78-90.
- Vogl, R.J. (1967). Controlled burning for wildlife in Wisconsin. In: *Proceedings, 6th annual Tall Timbers fire ecology conference, 1967 March 6-7, Tallahassee, FL*. Tall Timbers Research Station. pp. 47-96.
- Vogl, R.J. (1973). Effects of fire on the plants and animals of a Florida wetland. *American Midland Naturalist* 89: 334–347.
- Vreeland, J.K. & Tietje, W.D. (1998). Initial response of woodrats to prescribed burning in oak woodland. *Transactions of the Western Section of the Wildlife Society* 34:21–31.
- Vreeland, J.K. & Tietje, W.D. (2002). Numerical response of small vertebrates to prescribed fire in California oak woodland. In: Ford, W.M., Russell, K.R., Moorman, C.E. (Eds.), *The Role of Fire in Nongame Wildlife Management and Community Restoration: Traditional Uses and New Directions*. U.S.D.A. Forest Service General Technical Report NE-288, pp. 91–99.
- Wales, B.C. (2001). The management of insects, diseases, fire, and grazing and implications for terrestrial vertebrates using riparian habitats in eastern Oregon and Washington.

Northwest Science 75: 119-127.

- Walter, M. (1997). *The effect of fire on fauna in the Australian alps national parks: A review*. A report to the Australian Alps Liaison Committee.
- Ward, P. (1968). Fire in relation to waterfowl habitat of the delta marshes. In: *Proceedings, 8th annual Tall Timbers fire ecology conference*, 1968 March 14-15, Tallahassee, FL. Tall Timbers Research Station. pp. 255-267.
- Wardell-Johnson, G., Calver, M., Saunders, D., Conroy, S. & Jones, B. (2004). Why the integration of demographic and site-based studies of disturbance is essential for the conservation of jarrah forest fauna. *Conservation of Australia's Forest Fauna*. pp. 394-417.
- Wardell-Johnson, G. & Christensen, P. (1992). A review of the effects of disturbance on wildlife of the karri forest. In *Research on the impact of forest management in south-west Western Australia*. (Perth: Department of Conservation and Land Management (Occasional Paper 2/92). pp. 33-57.
- Warren, S.D., Scifres, C.J. & Teel, P.D. (1987). Response of grassland arthropods to burning: A review. *Agriculture, Ecosystems & Environment* 19(2): 105-130.
- Watson, P. (2001). *The role and use of fire for biodiversity conservation in southeast Queensland: Fire management guidelines for ecological research*. SEQ Fire and Biodiversity Consortium. 54 pp.
- Wauer, R.H. & Johnson, T. (1984). La Mesa fire effects on avifauna - Changes in avian populations and biomass. In: T.S. Fox, compiler. *La Mesa fire symp.* LA- 9236-NEW. Los Alamos Natl. Lab. Los Alamos, NM. pp. 145-171
- Weatherspoon, C.P., Husari, S.J. & van Wagtendonk, J.W. (1992). Fire and fuels management in relation to owl habitat in forests of the Sierra Nevada and southern California. In: Verner, Jared, McKelvey, Kevin S., Noon, Barry R., Gutierrez, R. J., Gould, Gordon I., Jr., Beck, Thomas W., tech. coords. *The California spotted owl: a technical assessment of its current status*. Gen. Tech. Rep. PSW-GTR-133. U.S. Department of Agriculture, Forest Service, Pacific Southwest Research Station. pp. 247-260.
- Weaver, J.C. (1985). Spider response to recurrent fire: reclaiming a hypothesis from field data. In: *Research and creative activities forum*, pp. 1-10, University of Missouri, Columbia.
- Webb, N.R. (1994). Post-fire succession of cryptostigmatic mites(Acari, Cryptostigmata) in a Calluna-heathland soil. *Pedobiologia (Jena)* 38(2): 138-145.
- Wegener, A. (1984). Animals killed by bushfires in coastal Victoria, February 1983. *Australian Bird Watcher* 10: 248-250.
- Welch, B.L. (2002). *Bird counts of burned versus unburned big sagebrush sites*. USDA Forest Service Research Note RMRS-RN-16. USDA Forest Service, Rocky Mountain Research Station, Ogden, UT.
- Wells, M.L., Hathaway, S.A. & Simovich, M.A. (1997). Resilience of anostracan cysts to fire. *Hydrobiologia* 359(1-3): 199-202.
- Werner, H.W. (1982). *Interim report on long-term monitoring of fire effects on small mammals in a chamise chaparral community, second postburn year*. Unpub. Report, Sequoia and Kings Canyon National Parks, Three Rivers, Ca. 13pp.

- Werner, R.A. (1979). Effects of fire on arthropod distribution. In: Viereck, L.A., Dyrness, C.T., (tech. eds.). *Ecological effects of the Wickersham Dome fire near Fairbanks, Alaska*. Gen. Tech. Rep. PNW-GTR-90. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. pp. 53-55.
- Werner, R.A. (2002). Effect of ecosystem disturbance on diversity of bark and wood- boring beetles (Coleoptera: Scolytidae, Buprestidae, Cerambycidae) in white spruce (*Picea glauca* (Moench) Voss) ecosystems of Alaska. Res. Pap. PNW-RP-546. U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 15 p
- Whelan, R.J. (1995). *The Ecology of Fire*. Cambridge Univ. Press. 356 pp.
- Whelan, R.J., Langedyk, W. & Pashby, A.S. (1980). The effects of wildfire on arthropod populations in a *Jarrah - Banksia* woodland. *W.A. Naturalist* 14: 214-220.
- White, D.H., Chapman, B.R., Brunjes, J.H., Iv, Raftovich, R.V., Jr. & Seginak, J.T. (1999). Abundance and reproduction of songbirds in burned and unburned pine forests of the Georgia Piedmont. *Journal of Field Ornithology* 70:414-424.
- White, K.M. (2001). The effect of a grassland fire on a prairie arthropod community. *Arthropods of Canadian Grasslands Newsletter* 7: 21-25.
- Wikars, L.O. (1997). *Effects of forest fire and the ecology of fire-adapted insects*. Ph.D. Thesis, Dept. of Zoology, Uppsala Univ.
- Wikars, L.O. (2002). Dependence on fire in wood-living insects: An experiment with burned and unburned spruce and birch logs. *Journal of Insect Conservation* 6: 1-12.
- Wikars, L.O. & Schimmel, J. (2001). Immediate effects of fire-severity on soil invertebrates in cut and uncut pine forests. *Forest Ecology and Management* 141(3): 189-200.
- Willan, K & Bigalke, R.C. (1982). The effects of fire regime on small mammals in S.W. Cape montane fynbos (Cape Macchia). *Proceedings of the Symposium on Dynamics and Management of Mediterranean-Type Ecosystems*, June 22-26, 1981, San Diego, California, San Diego State University. United States Department of Agriculture Forest Service Pacific Southwest Forest and Range Experiment Station General Technical Report PSW-58, pp. 207-212.
- Wilson, B.A. (1996). Fire effects on vertebrate fauna and implications for fire management and conservation. In: *Fire and Biodiversity: The Effects and Effectiveness of Fire Management*, Footscray, Melbourne, Biodiversity Unit, Dept. of the Environment, Sport and Territories. pp. 131-147.
- Wilson, B.A., Aberton, J.G. & Reichl, T. (2001). Effects of fragmented habitat and fire on the distribution and ecology of the swamp antechinus (*Antechinus minimus maritimus*) in the eastern Otways, Victoria. *Wildlife Research* 28(5): 527-536.
- Winter, B.M. & Best, L.B. (1985). Effects of prescribed burning on placement of sage sparrow nests. *Condor* 87: 294-295.
- Wirtz, W.O., II. (1977). Vertebrate post-fire succession. In: Mooney, Harold A., Conrad, C. Eugene, tech. coords. *Proceedings of the symposium on environmental consequences of fire and fuel management in Mediterranean ecosystems*, 1977 Aug 1-5, Palo Alto, CA. Gen. Tech. Rep. WO-3. U.S. Department of Agriculture, Forest Service. pp. 46-57.

- Wirtz, W.O., II. (1979). Effects of fire on birds in chaparral. *Cal- Neva Wildlife Transactions*. 1979: 114-124.
- Wirtz, W.O., II. (1982). Postfire community structure of birds and rodents in southern California chaparral. In: C.E. Conrad, and W.C. Oechel (technical coordinators). *Dynamics and management of Mediterranean-type ecosystems*. USDA Forest Service General Technical Report PSW-58. USDA Forest Service, Pacific Southwest Forest and Range Experiment Station, Berkeley, CA. pp. 241–246
- Wohlgemuth, T., Duelli, P., Ginzler, C., Godickemeier, I., Hadorn, S., Hagedorn, F., Kuttel, P., Luscher, P., Moretti, M. & Schneiter, G. (2005). Ecological resilience after fire: the forest fire area above Leuk as a model case study. *Schweizerische Zeitschrift für Forstwesen* 156(9): 345-352.
- Woinarski, J.C.Z. (1990). Effects of fire on the bird communities of tropical woodlands and open forests in northern Australia. *Australian Journal of Ecology* 15(1): 1-22.
- Woinarski, J.C.Z. (1994). Fire and the conservation and ecology of Australian birds. *Journal für Ornithologie* 135: 490.
- Woinarski, J.C.Z. (1997). An overview of research on the impacts of fire on Australian birds. In: McKaige, B.J., Williams, R.J. & Waggitt, W.M. (eds). *'Bushfire 1997 Proceedings'*. Australian Bushfire Conference, CSIRO, Darwin. pp 127-131.
- Woinarski, J.C.Z. (1999). Fire and Australian birds: a review. *Australia's Biodiversity-Responses to Fire. Plants, Birds and Invertebrates*. pp. 55-112.
- Woinarski, J.C.Z. (1999). Fire and Australian birds: an annotated bibliography. *Australia's Biodiversity-Responses to Fire. Plants, Birds and Invertebrates*. pp. 113-180.
- Woinarski, J.C.Z., Armstrong, M., Price, O., McCartney, J., Griffiths, A.D. & Fisher, A. (2004). The terrestrial vertebrate fauna of Litchfield National Park, Northern Territory: monitoring over a 6-year period and response to fire history. *Wildlife Research* 31(6): 587-596.
- Woinarski, J.C.Z., Brock, C., Fisher, A., Milne, D. & Oliver, B. (1999). Response of birds and reptiles to fire regimes on pastoral land in the Victoria River District, Northern Territory. *The Rangeland Journal* 21(1): 24-38.
- Woinarski, J.C.Z. & Recher, H.F. (1997). Impact and response: a review of the effects of fire on the Australian avifauna. *Pacific Conservation Biology* 3(3): 183–205.
- Woolfenden, G.E. (1973). Nesting and survival in a population of Florida scrub jays. *The Living Bird* 12: 25-49.
- Wooller, R.D. & Brooker, K.S. (1980). The effects of controlled burning on some birds of the understorey in Karri forest. *Emu* 80: 165-166.
- Wooller, R.D. & Calver, M.C. (1988). Changes in an assemblage of small birds in the understorey of dry sclerophyll forest in south-western Australia after fire. *Australian Wildlife Research* 15: 331-338.
- Wright, M.G. (1988). A note on the reaction of angulate tortoises to fire in fynbos. *South African Journal of Wildlife Research* 18(4): 131-133.
- Wyniger, D., Moretti, M. & Duelli, P. (2002). *Aradus lugubris* Fallen, 1807 (Hemiptera, Heteroptera, Aradidae) in a chestnut forest of Southern Switzerland after a fire

- experiment. *Mitteilungen der Schweizerischen Entomologischen Gesellschaft* 75(1-2): 61-64.
- Xanthopoulos, G., Arianoutsou-Faragitaki, M., Prodon, R. Giovannini, G., Daskalaku, E., Andriopoulos, P., Radea, K. & Kazanis, D. (2006). Methods to study fire impacts on plants (forest stands, shrubs, herbaceous taxa), soil and fauna. In: *EUFIRELAB: Euro-Mediterranean Wildland Fire Laboratory, a "wall-less" Laboratory for Wildland Fire Sciences and Technologies in the Euro-Mediterranean Region*. Deliverable D-04-10. 33 pp.
- Yang, X., Tang, Y. & Tang, J. (2001). Change in structure and diversity of soil arthropod communities after slash and burn of secondary forest in Xishuangbanna, Yunnan Province. *Biodiversity Science* 9(3): 222-227
- Yanovsky, V.M. & Kiselev, V.V. (1996). Response of the endemic insect fauna to fire damage. *Fire in ecosystems of boreal Eurasia*. Kluwer, pp. 409A/413.
- Yeates, G.W. & Lee, W.G. (1997). Burning in a New Zealand snow-tussock grassland: Effects on vegetation and soil fauna. *New Zealand Journal of Ecology* 21(1): 73-79.
- Yensen, E., Quinney, D.L., Johnson, K., Timmerman, K. & Steenhof, K. (1992). Fire, vegetation changes, and population fluctuations of Townsend's ground squirrels. *American Midland Naturalist* 128: 299-312.
- York, A. (1989). *The Response of Ant Communities to Fire-induced Habitat Disturbance*. Unpublished PhD. Thesis, School of Biological Sciences, University of New South Wales.
- York, A. (1994). The long-term effects of fire on forest ant communities: Management implications for the conservation of biodiversity. *Memoirs of the Queensland Museum* 36(1): 231-239.
- York, A. (1996). Long-term effects of fuel reduction burning on invertebrates in a dry sclerophyll forest. In *Fire and Biodiversity. The Effects and Effectiveness of Fire Management*. Biodiversity Series, Paper No. 8. Biodiversity Unit, Department of the Environment Sport and Territories. Canberra, Australia. pp. 163-181.
- York, A. (1998). Managing for biodiversity: what are the long-term implications of frequent fuel-reduction burning for the conservation of forest invertebrates? In: *III International Conference on Forest Fire Research* (D.X. Wiegas ed.), Vol. 2, ADAI University of Coimbra, Portugal, Luso. pp. 1435-1445.
- York, A. (1999). Long-term effects of frequent low-intensity burning on the abundance of litter-dwelling invertebrates in coastal blackbutt forests of southeastern Australia. *Journal of Insect Conservation* 3: 191-199.
- York, A. (1999). Long-term effects of repeated prescribed burning on forest invertebrates: management implications for the conservation of biodiversity. *Australia's Biodiversity-Responses to Fire. Plants, Birds and Invertebrates*. pp. 181-266.
- York, A. (2000). Long-term effects of frequent low-intensity burning on ant communities in coastal blackbutt forests of southeastern Australia. *Austral Ecology* 25(1): 83-98.
- Zimmer, I. & Parmenter, R.R. (1998). Harvester ants and fire in a desert grassland: ecological responses of *Pogonomyrmex rugosus* (Hymenoptera: Formicidae) to experimental wildfires in central New Mexico. *Environmental Entomology* 27(2): 282-287.

- Zimmerman, J.L. (1997). Avian community responses to fire, grazing, and drought in the tallgrass prairie. In: F. Knopf & F. Sampson (editors). *Ecology and conservation of Great Plains vertebrates*. Springer-Verlag, New York, NY. pp. 167–180
- Zimmerman, T.J. (2004). *Effects of fire on the nutritional ecology of selected ungulates in the southern Black Hills, South Dakota*. M.Sc. Thesis, South Dakota State Univ., 286 pp.
- Zwolak, R. & Kerry, R. (2007). COS 86-6: Effects of a stand-replacement wildfire on deer mice: Testing the hypothesis of source-sink dynamics. *ESA/SER Joint Meeting* (August 5 - August 10, 2007), San Jose, CA.