Accessory publication

The effects of fire on avian communities: spatio-temporal attributes of the literature 1912–2003

Andreas Leidolf^{A,B,C} and John A. Bissonette^{A,B}

^AUS Geological Survey, Utah Cooperative Fish and Wildlife Research Unit, Department of Wildland Resources, Utah State University, Logan, UT 84322-5230, USA

^BEcology Center, Utah State University, Logan, UT 84322-5205, USA.

^CCorresponding author. Email: andreasleidolf@msn.com

Bibliography of 512 documents addressing the effects of fire on avian communities 1912-2003.

Abbott I (1999) The avifauna of the forests of south-west Western Australia: changes in species composition, distribution, and abundance following anthropogenic disturbance. *CALM Science Supplement* **5**, 1-176.

Abbott I (2000) Impact of agricultural development and changed fire regimes on species composition of the avifauna in the Denmark region of south-west Western Australia, 1889-1999. *CALM Science* **3**, 279-308.

Abbott I, Mellican A, Craig MD, Williams M, Liddelow G, and Wheeler I (2003) Short-term logging and burning impacts on species richness, abundance and community structure of birds in open eucalypt forest in Western Australia. *Wildlife Research* **30**, 321-329.

Abe E (1991) The effects of fire on grassland birds in Queen Elizabeth National Park, Uganda. MS thesis, Makere University, Makere, Uganda.

Abe E (1993) Francolins and fire. World Pheasant Association News 41, 3-7.

Ahlgren IF, Ahlgren CE (1960) Ecological effects of forest fires. Botanical Review 26, 483-533.

Aid CS (1990) Changes in breeding bird density after prescribed burning in an Arizona semidesert grassland. MS thesis, University of Colorado, Boulder, CO.

Almeida J (1991) Some effects of forest fires on birds: notes from the Margaraça wood case, Portugal. *Ardeola* **38**, 233-238.

Alten GR (1981) Post-fire avian community ecology. MS thesis, California State Polytechnic University, Pomona, CA.

- Anderson SH (1978) Effect of wildfire on avian populations in the Upper Peninsula of Michigan. *Ecological Society of America Bulletin* **59**, 94.
- Anderson SH (1982) 'Effects of the 1976 Seney National Wildlife Refuge wildfire on wildlife and wildlife habitats.' USDI Fish and Wildlife Service Research Publication 146. (Washington, DC)
- Andrade GI, Rubio-Torgler H (1994) Sustainable use of tropical rain forest: evidence from the avifauna in a shifting-cultivation habitat mosaic in the Colombian Amazon. *Conservation Biology* **8**, 545-554.
- Anonymous (1997) Fire, farming and grassland birds. Africa, Birds & Birding 2, 1-11.
- Aoude A (2002) The effects of four rangeland manipulations on plant and animal richness and abundance. MS thesis, Utah State University, Logan, UT.
- Apfelbaum S, Haney A (1981) Bird populations before and after wildfire in a Great Lakes pine forest. *Condor* 83, 347-354.
- Apfelbaum SI, Haney A (1986) Changes in bird populations during succession following fire in the Northern Great Lakes Wilderness. In 'Proceedings National Wilderness Research Conference: current research'. (Compiler RC Lucas) pp. 10-16. USDA Forest Service, Intermountain Research Station General Technical Report INT-212. (Ogden, UT)
- Aquilani SM (1998) The effects of prescribed surface fire on ground- and shrub-nesting nearctic migrants at Fork Ridge, Hoosier National Forest, 1996 and 1997. MS thesis, Ball State University, Muncie, IN.
- Aquilani SM (2002) Bird communities of Holly Springs National Forest: past and present habitat considerations for forest songbird conservation. PhD thesis, University of Southern Mississippi, Hattiesburg, MS.
- Aquilani SM, LeBlanc DC, Morrell TE (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**, 317-324.
- Aquilani SM, Morrell TE, LeBlanc DC (2003) Breeding bird communities in burned and unburned sites in mature Indiana oak forest. *Proceedings of the Indiana Academy of Science* **112**, 186-191.
- Arnold G, Smith GT, Rowley I, Brooker MG (1993) The effects of fire on the abundance and distribution of animals in Australian ecosystems, with special emphasis on Mediterranean ecosystems. In 'Fire in Mediterranean ecosystems'. (Eds L Trabaud, R Prodon) pp. 237-257. (Commission of European Communities: Brussels)
- Artman VL (2000) Effects of prescribed burning on forest bird populations in southern Ohio. PhD thesis, Ohio State University, Columbus, OH.
- Artman VL, Sutherland EK, Downhower JF (2001) Prescribed burning to restore mixed-oak communities in southern Ohio: effects on breeding-bird populations. *Conservation Biology* **15**, 1423-1434.

- Aulenbach S, O'Shea-Stone M (1983) Bird utilization of a Ponderosa pine forest after a fire. *C.F.O. Journal* **17**, 14-19.
- Baker GB, Dettman EB, Wilson SJ (1997) Fire and its impact on avian population dynamics. *Pacific Conservation Biology* **3**, 206-212.
- Båldi A, Moskåt C (1995) Effect of reed burning and cutting on breeding bird communities. In 'Integrating people and wildlife for a sustainable future'. (Eds JA Bissonette, PR Krausman) pp. 637-642. (The Wildlife Society: Bethesda, MD)
- Baldwin M (1965) Bird eating charcoal. Emu 64, 208.
- Barbour DY (1968) Notes on the birds attracted when burning firebreaks in the western Okavango. *Bokmakierie* **20**, 20.
- Barden LS, Brown RD, Matthews JF, Cross RE (1986) Vegetation structure and bird species diversity in a North Carolina Piedmont forest. *Journal of the Elisha Mitchell Scientific Society* **102**, 35-41.
- Barlow J, Haugaasen T, Peres CA (2002) Effects of ground fires on understorey bird assemblages in Amazonian forests. *Biological Conservation* **105**, 157-169.
- Barron MG (1992) Effect of cool and hot prescribed burning on breeding songbird populations in the Alabama Piedmont. MS thesis, Auburn University, Auburn, AL.
- Batten LA (1970) Effects of fire on moorland bird life on the Isle of Rhum. Scottish Birds 6, 191-194.
- Battin J (2002) Assessing avian response to Ponderosa pine forest restoration. *Ecological Society of America Annual Meeting Abstracts* **87**, 8-9.
- Bell HL (1982) Abundance and seasonality of the savanna avifauna at Port Moresby, Papua New Guinea. *Ibis* **124**, 252-274.
- Bendell JF (1974) Effects of fire on birds and mammals. In 'Fire and ecosystems'. (Eds TT Kozlowski, CE Ahlgren) pp. 73-137. (Academic Press: New York)
- Benson LA (1990) Avian response to burning in the big sagebrush type. *Journal of the Colorado-Wyoming Academy of Science* **22**, 26.
- Bergstedt B, Niemi GJ (1974) A comparison of two breeding bird censuses following the Little Sioux forest fire. *Loon* **46**, 28-33.
- Bernoni M (1984) Il metodo del mappagio in una zona umida del Lazio: le vasche di Maccarese *Rivista Italiana di Ornitologia* **54**, 235-243.
- Best LB (1979) Effects of fire on a field sparrow population. American Midland Naturalist 101, 434-442.

- Bigalke RC, Willan K (1984) Effects of fire regime on faunal composition and dynamics. In 'Ecological effects of fire in South African ecosystems'. (Eds P de V Booysen, NM Tainton) pp. 255-271. (Springer: Berlin)
- Bigham SR, Hepworth JL, Martin RP (1964) A casualty count of wildlife following a fire. *Proceedings of the Oklahoma Academy of Science* **45**, 47-50.
- Blackford JL (1955) Woodpecker concentration in burned forest. Condor 57, 28-30.
- Blake JG (1982) Influence of fire and logging on nonbreeding bird communities of Ponderosa pine forests. *Journal of Wildlife Management* **46**, 404-415.
- Blankespoor GW (1991) Slash-and-burn shifting agriculture and bird communities in Liberia, West Africa. *Biological Conservation* **57**, 41-71.
- Bock CE, Bock JH (1977) Patterns of post-fire succession on the Donner Ridge burn, Sierra Nevada. In 'Proceedings of the symposium on the environmental consequences of fire and fuel management in mediterranean ecosystems'. (Technical coordinators HA Mooney, CE Conrad) pp. 464-469. USDA Forest Service, Washington Office General Technical Report WO-3. (Washington, DC)
- Bock CE, Bock JH (1978) Response of birds, small mammals, and vegetation to burning Sacaton grasslands in southeastern Arizona. *Journal of Range Management* **31**, 296-300.
- Bock CE, Bock JH (1983) Responses of birds and deer mice to prescribed burning in Ponderosa pine. *Journal of Wildlife Management* **47**, 836-840.
- Bock CE, Bock JH (1987) Avian habitat occupancy following fire in a Montana shrubsteppe. *Prairie Naturalist* **19**, 153-158.
- Bock CE, Bock JH (1988) Grassland birds in southeastern Arizona: impacts of fire, grazing, and alien vegetation. In 'Ecology and conservation of grassland birds'. (Ed D Goriup) pp. 43-58. International Council for Bird Preservation Technical Publication 7. (Cambridge, UK)
- Bock CE, Bock JH (1990) Effects of fire on wildlife in southwestern lowland habitats. In 'Effects of fire management of southwestern natural resources'. (Technical coordinator JS Krammes) pp. 50-64. USDA Forest Service, Rocky Mountain Research Station General Technical Report RM-191. (Fort Collins, CO)
- Bock CE, Bock JH (1992) Response of birds to wildfire in native versus exotic Arizona grassland. *Southwestern Naturalist* 37, 73-81.
- Bock CE, Lynch JF (1970) Breeding bird populations of burned and unburned conifer forest in the Sierra Nevada. *Condor* **72**, 182-189.
- Bock JH, Bock CE, McKnight JR (1976) A study of the effects of grassland fires at the Research Ranch in southeastern Arizona. *Journal of the Arizona Academy of Science* **11**, 49-57.

- Bock CE, Raphael M, Bock JH (1978) Changing avian community structure during early post-fire succession in the Sierra Nevada. *Wilson Bulletin* **90**, 119-123.
- Borges SH, Stouffer PC (1999) Bird communities in two types of anthropogenic successional vegetation in central Amazonia. *Condor* **101**, 529-536.
- Bourne WRP (1988) The effect of burning and grazing on the grassland birds of north-west Britain, the Falklands, and other oceanic islands. In 'Ecology and conservation of grassland birds'. (Ed D Goriup) pp. 97-103. International Council for Bird Preservation Technical Publication 7. (Cambridge, UK)
- Bowman DMJS, Woinarski JCZ, Sands DPA, Wells A, McShane VJ (1990) Slash-and-burn agriculture in the wet coastal lowlands of Papua New Guinea: response of birds, butterflies and reptiles. *Journal of Biogeography* **17**, 227-239.
- Braithwaite RW (1985) Fire and fauna. In 'Kakadu fauna survey: final report to Australian National Parks and Wildlife Service'. (Ed RW Braithwaite) pp. 634-650. (CSIRO: Darwin, NT)
- Brawn JD, Balda RP (1988) The influence of silvicultural activity on ponderosa pine forest bird communities in the southwestern United States. *Bird Conservation* **3**, 3-21.
- Brawn JD, Hartung SC (1997) Effects of periodic disturbance by fire on avian communities and populations in midwestern oak forests. *Bulletin of the Ecological Society of America* **78**(Supplement), 59.
- Brawn JD, Robinson SK, and Thompson FR III (2001) The role of disturbance in the ecology and conservation of birds. *Annual Review of Ecology and Systematics* **32**, 251-276.
- Breininger DR, Schmalzer PA (1990) Effects of fire and disturbance on plants and birds in a Florida oak/palmetto scrub community. *American Midland Naturalist* **123**, 64-74.
- Breininger DR, Smith RB (1992) Relationship between fire and bird density in coastal scrub and slash pine flatwoods in Florida. *American Midland Naturalist* **127**, 233-240.
- Brennan LA, Cooper JL, Lucas KE, Leopold BD, Hurst GA (1994) Assessing the influence of red-cockaded woodpecker colony site management on non-target forest vertebrates in loblolly pine forests of Mississippi: study design and preliminary results. In 'Proceedings of the red-cockaded woodpecker symposium III: species recovery, ecology, and management'. (Eds DL Kulhavy, RG Hooper, R Costa) pp. 309-319. (Stephen F. Austin State University: Nacogdoches, TX)
- Bromley RG (1973) 'Fire and birds: a bibliography.' (University of Alaska: Fairbanks, AK)
- Brooker MG (1998) Fire and birds in a Western Australian heathland. Emu 98, 276-287.
- Brooker MG, Rowley I (1991) Impact of wildfire on the nesting behaviour of birds in heathland. *Australian Wildlife Research* **18**, 249-263.

- Brothers N, Harris S (1999) The effects of fire on burrow-nesting seabirds particularly short-tailed shearwaters (*Puffinus tenuirostris*) and their habitat in Tasmania. *Papers and Proceedings of the Royal Society of Tasmania* 133, 15-22.
- Brunjes JH (1998) The effects of prescribed winter burning on avian communities in mature pine habitats. MS thesis, University of Georgia, Athens, GA.
- Brush T (1987) Birds of the central pine barrens: abundance and habitat use. *Bulletin of the New Jersey Academy of Science* **32**, 5-17.
- Buffington JM, Kilgo JC, Sargent RA, Miller KV, Chapman BR (2000) Effects of restoration techniques on breeding birds in a thermally-impacted bottomland hardwood forest. *Ecological Engineering* **15**, S115-S120.
- Bull EL, Wales BC (2001) Effects of disturbance on birds of conservation concern in eastern Oregon and Washington. *Northwest Science* **75**, 166-173.
- Bunnell FL (1995) Forest-dwelling vertebrate faunas and natural fire regimes in British Columbia: patterns and implications for conservation. *Conservation Biology* **9**, 636-644.
- Burbidge AH (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'. (Eds I Abbott, N Burrows) pp. 321-347. (Backhuys: Leiden)
- Burger LW Jr, Hardy C, Bein J (1998) Effects of prescribed fire and midstory removal on breeding bird communities in mixed pine-hardwood ecosystems of southern Mississippi. *Proceedings of the Tall Timbers Fire Ecology Conference* **20**, 107-113.
- Buttery RF, Shields PW (1975) Range management practices and bird habitat values. In 'Proceedings of the symposium on management of forest and range habitats for nongame birds'. (Technical coordinator DR Smith) pp. 183-189. USDA Forest Service, Washington Office General Technical Report WO-1. (Washington, DC)
- Campbell BD (2002) The influence of forest harvesting and fire on breeding birds of mature boreal mixedwood forests in northeastern Ontario. MS thesis, University of Toronto, Toronto, ON.
- Campbell BD, Malcolm JR (2001) Breeding bird communities of closed-canopy boreal mixedwood forests following fire and logging disturbance. *Ecological Society of America Annual Meeting Abstracts* **86**, 66.
- Castrale JS (1982) Effects of two sagebrush control methods on nongame birds. *Journal of Wildlife Management* **46**, 945-952.
- Catling PC, Newsome AE (1981) Responses of the Australian vertebrate fauna to fire: an evolutionary approach. In 'Fire and the Australian biota'. (Eds AM Gill, RH Groves, IR Noble) pp. 273-310. (Australian Academy of Science: Canberra, ACT)

- Caton EL (1996) Effects of fire and salvage logging on the cavity-nesting bird community in northwestern Montana. PhD thesis, University of Montana, Missoula, MT.
- Caton EL (1997) Effects of fire on the cavity nesting bird community in coniferous forests of the northern Rocky Mountains. *Bulletin of the Ecological Society of America* **78**(Supplement), 65.
- Caton EL (1998) Postfire habitat use by cavity-nesting birds in northwestern Montana. *Proceedings of the Tall Timbers Fire Ecology Conference* **20**, 364.
- Catt DJ (1991) Bird communities and forests succession in the subalpine zone of Kootenay National Park, British Columbia. MS thesis, Simon Fraser University, Burnaby, BC.
- Cavalcanti RB, Alves MAS (1997) Effects of fire on savanna birds in central Brazil. *Ornitológia Neotropicál* **8**, 85-87.
- Chambers RJ (1994) Habitat relations of Bachman's sparrows and other birds on Missouri glades. MS thesis, University of Missouri, Columbia, MO.
- Chambers W (1983) Birds at Urquhart's Bluff, before and after the fire. Geelong Naturalist 20, 50-51.
- Chandler LG (1973) In the wake of a bushfire. Wildlife in Australia 10, 140-141.
- Chatwin T, van den Driessche R (1996) Monitoring the long-term effects of prescribed burning on non-game wildlife in a grassland ecosystem in central British Columbia. *Transactions of the North American Wildlife and Natural Resource Conference* **61**, 180-189.
- Christensen P, Abbott I (1989) Impact of fire in the eucalypt forest ecosystem of southern Western Australia: a critical review. *Australian Forestry* **52**, 103-121.
- Christensen PE, Kimber PC (1975) Effect of prescribed burning on the flora and fauna of south-west Australian forests. *Proceedings of the Ecological Society of Australia* **9**, 85-106.
- Christensen PES, Wardell-Johnson G, Kimber P (1985) Birds and fire in southwestern forests. In 'Birds of eucalypt forests and woodlands: ecology, conservation, management'. (Eds A Keast, HF Recher, H Ford, D Saunders) pp. 291-299. (Royal Australasian Ornithologists Union/Surrey Beatty and Sons: Chipping Norton, NSW)
- Cimon A, Maisonneuve C (1990) 'Éffets du feu sur la faune et ses habitats.' (Québec Ministère de l'Énergie et des Resources: Charlesbourg, QC)
- Clark HW (1935) Fire and bird populations. Condor 37, 16-18.
- Collins SL (1997) Disturbance frequency and temporal heterogeneity in grassland plant and bird communities. Bulletin of the Ecological Society of America **78**(Supplement), 72.
- Collins SL (2000) Disturbance frequency and community stability in native tallgrass prairie. *American Naturalist* **155**, 311-325.

- Comer RD, Low RS (1982) Effects of a small burn on resident avian community structure and implications for small park management. *Journal of the Colorado-Wyoming Academy of Science* **14**, 55.
- Comparatore VM, Martínez MM, Vassallo AI, Barg M, Isacch JP (1996) Abundancia y relaciones con el hábitat de aves y mamíferos en pastizales de *Paspalum quadrifarium* (paja colorada) manejados con fuego (Provincia de Buenos Aires, Argentina). *Interciencia* **21**, 228-237.
- Conner RN (1981) Fire and cavity nesters. In 'Prescribed fire and wildlife in southern forests'. (Ed GW Wood) pp. 61-65. (Belle W. Baruch Forest Science Institute of Clemson University: Georgetown, SC)
- Conner RN, Dickson JG (1997) Relationships between bird communities and forest age, structure, species composition and fragmentation in the West Gulf Coastal Plain. *Texas Journal of Science* **49**(Supplement), 123-138.
- Cooper J (1968) Birds and fires. Honeyguide 56, 27-28.
- Cowley RD (1971) Birds and forest management. Australian Forestry 35, 234-250.
- Cowley R (1974) Effects of prescribed burning on birds of the mixed species forests of west central Victoria. In 'Proceedings of the Third Fire Ecology Symposium'. (Ed Anonymous) pp. 58-66. (Victoria Forest Commission: Melbourne, VIC)
- Cowley RD, Heislers A, Ealey EHM (1969) Effects of fire on wildlife. Victoria's Resources 11, 18-22.
- Crawford DN (1978) Effects of grass and fires on birds in the Darwin area, Northern Territory. Emu 79, 150-152.
- Crète M, Drolet B, Huot J, Fortin M-J, Doucet GJ (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**, 1509-1518.
- Crowe TM, Schijf JC, Gubb AA (1981) Effects of rainfall variation, fire, vegetation and habitat physiognomy on a northern Cape animal community. *South African Journal of Wildlife Research* **11**, 87-104.
- Cummings CJ (1997) Managing your forests for songbirds. Forest Landowner 56, 16-18.
- Date EM, Ford HA, Recher HF (2002) Impacts of logging, fire and grazing regimes on bird species assemblages of the Pilliga woodlands of New South Wales. *Pacific Conservation Biology* **8**, 177-195.
- Davis MA (1999) Impact of oak savanna restoration on the breeding bird community. *Journal of the Minnesota Academy of Science* **63**, 2.
- Davis MA, Peterson DW, Reich PB, 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 PR (1976) Response of vertebrate fauna to forest fire and clear-cutting in south central Wyoming. PhD thesis, University of Wyoming, Laramie, WY.

- Day JH, Colwell MA (1998) Waterbird communities in rice fields subjected to different post-harvest treatments. *Colonial Waterbirds* **21**, 185-197.
- De Swardt D (1987) Birds attracted to fire. Witwatersrand Bird Club News 139, 13.
- Dean WRJ (1987) Birds associating with fire at Nylsvley Nature Reserve, Transvaal. Ostrich 58, 103-106.
- Dean WRJ (1989) Birds attracted to a fire in mountain fynbos. Ostrich 60, 87-88.
- Dechant JA, Smith, KG (1995) Habitat distribution and relative abundance of forest birds in response to burning and mowing along the Buffalo National River, Arkansas. *Bulletin of the Ecological Society of America* **76**(Supplement), 318-319.
- 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, 20-25.
- Dedman V (1983) Notes on the effects of the Ash Wednesday fire on the Ironbark Basin, Point Addis. *Geelong Naturalist* **20**, 25-26.
- Delgado A, Moreira F, Borralho R, Silva JS (1999) Effects of prescribed fire on the breeding bird community of *Pinus pinaster* plantations in northern Portugal. *Ring* **21**, 136.
- Del-Nevo A, Ewins PJ (1983) Birds feeding on fire-driven insects. *Journal of the Bombay Natural History Society* **80**, 413-414.
- Dennis T, Miles DB (2001) Effects of forest management practices on avian community structure and productivity. Ecological Society of America Annual Meeting Abstracts 86, 271.
- Dickson JG (1981) Effects of forest burning on songbirds. In 'Prescribed fire and wildlife in southern forests'. (Ed GW Wood) pp. 67-72. (Belle W. Baruch Forest Science Institute of Clemson University: Georgetown, SC)
- Dieni JS, Anderson SH (1999) Effects of recent burning on breeding bird community structure in aspen forests. *Journal of Field Ornithology* **70**, 491-503.
- Dierschke F, Oelke H (1979) Die Vogelbestände verbrannter niedersächsischer Kiefernforsten 1976 ein Jahr nach der Waldbrandkatastrophe 1975. *Vogelwelt* **100**, 26-44.
- Disney HJ de S (1968) Bushfires and their effect on fauna and flora. Australian Natural History 16, 87-89.
- Drapeau P, Leduc A, Giroux J-F, Savard J-PL, Bergeron Y, Vickery WL (2000) Landscape-scale disturbances and changes in bird communities of boreal mixed-wood forests. *Ecological Monographs* **70**, 423-444.
- Dwyer JK, Block WM (2000) Effects of wildfire on densities of secondary cavity-nesting birds in Ponderosa pine forests of northern Arizona. *Proceedings of the Tall Timbers Fire Ecology Conference* **21**, 151-156.
- Eastman J (1976) Lure of the burn. National Wildlife 14, 10.

- Edwards WR, Ellis JA (1969) Responses of three avian species to burning. Wilson Bulletin 81, 338-339.
- Emlen JT (1970) Habitat selection by birds following a forest fire. *Ecology* **51**, 343-345.
- England AS (1995) Avian community organization along a post-fire age gradient in California chaparral. PhD thesis, University of California Davis, Davis, CA.
- Engstrom RT, Crawford RL, Baker WW (1984) Breeding bird populations in relation to changing forest structure following fire exclusion: a 15-year study. *Wilson Bulletin* **96**, 437-450.
- Engstrom RT, McNair DB, Brennan LA, Hardy CL, Burger LW Jr. (1996) Influence on birds of dormant versus lightning-season prescribed fire in longleaf pine forests: experimental design and preliminary results.

 *Transactions of the North American Wildlife and Natural Resources Conference 61, 200-207.
- Epanchin PN, Heath JA, Frederick PC (2002) Effects of fires on foraging and breeding wading birds in the Everglades. *Wilson Bulletin* **114**, 139-141.
- Erwin WJ, Stasiak RH (1979) Vertebrate mortality during the burning of a reestablished prairie in Nebraska. *American Midland Naturalist* **101**, 247-249.
- Euler DL, Thompson DQ (1978) Ruffed grouse and songbird foraging response on small spring burns. *New York Fish and Game Journal* **25**, 156-164.
- Ffolliott PF, Guertin DP, Rasmussen WD (1988) Simulating the impacts of fire: a computer program. *Environmental Management* **12**, 809-814.
- Figueiredo SV (1991) Efeito do fogo sobre o comportamento e sobre a estrutura da avifauna de cerrado. MS thesis, Universidade de Brasília, Brasilia, Brazil.
- Finch DM, Ganey JL, Yong W, Kimball RT, Sallabanks R (1997) Effects and interactions of fire, logging, and grazing. In 'Songbird ecology in southwestern Ponderosa pine forests: a literature review'. (Technical eds WM Block, DM Finch) pp. 103-136. USDA Forest Service, Rocky Mountain Research Station General Technical Report RM-GTR-292. (Fort Collins, CO)
- Fischer WC, McClelland BR (1983) 'A cavity-nesting bird bibliography including related titles on forest snags, fire, insects, disease, and decay.' USDA Forest Service, Intermountain Research Station General Technical Report INT-140. (Ogden, UT)
- Fitzgerald SM (1990) Small mammal, bird and plant responses to the rehabilitation of a dry prairie grassland association using fire and roller chopping applied in two seasons. MS thesis, University of Florida, Gainesville, FL.
- Fitzgerald SM, Tanner GW (1992) Avian community response to fire and mechanical shrub control in south Florida. *Journal of Range Management* **45**, 396-400.

- Ford PL, McPherson GR (1996) Ecology of fire in shortgrass prairie of the southern Great Plains. In 'Ecosystem disturbance and wildlife conservation in western grasslands: a symposium proceedings'. (Ed DM Finch) pp. 20-39. USDA Forest Service, Rocky Mountain Research Station General Technical Report RM-GTR-285. (Fort Collins, CO)
- Forde JD (1983) The effect of fire on bird and small mammal communities in the grasslands of Wind Cave National Park. MS thesis, Michigan Technological University, Houghton, MI.
- Forde JD, Sloan NF, Shown DA (1984) Grassland habitat management using prescribed burning in Wind Cave National Park, South Dakota. *Prairie Naturalist* **16**, 97-110.
- Fox BJ, Fox MD (1986) Resilience of animal and plant communities to human disturbance. In 'Resilience in mediterranean-type ecosystems'. (Eds B Dell, AJM Hopkins, BB Lamont) pp. 39-64. (Junk: Dordrecht)
- Fox JF (1983) Post-fire succession of small-mammal and bird communities. In 'The role fo fire in northern circumpolar ecosystems'. (Eds RW Wein, DA MacLean) pp. 155-180. (Wiley: New York)
- Fraser MW (1985) Birds attracted to fires and graded firebreaks. Witwatersrand Bird Club News 130, 10.
- Fraser MW (1987) The effects of alien plants and fire on avian community structure in mountain fynbos.

 Proceedings of the Annual Research Meeting of the Fynbos Biome Project 9, 7.
- Fraser MW (1989) Short-term response of birds to fire in old mountain fynbos. Ostrich 60, 172-182.
- Fraser MW (1990) Effects of natural vegetation, fire and alien plant invasion on bird species assemblages in mountain fynbos of the southwestern Cape province, South Africa. MS thesis, University of Cape Town, Cape Town, South Africa.
- Fraser MW, Prys-Jones RP, Clark DL (1985) Effects of burning and alien plants on bird communities in mountain fynbos of the Cape of Good Hope Nature Reserve. *Proceedings of the Annual Research Meeting of the Fynbos Biome Project* **7**, 32-33.
- Frohn RC (1989) The effects of wildfire and prescribed burning on the structure and foraging composition of avian communities. *Ohio Journal of Science* **89**, 44.
- Frost PGH (1984) The responses and survival of organisms in fire-prone environments. In 'Ecological effects of fire in South African ecosystems'. (Eds P de V Booysen, NM Tainton) pp. 274-309. (Springer: Berlin)
- Gabrey SW (1999) Effects of winter burning and structural marsh management on bird and plant communities of the Gulf Coast Chenier Plain. PhD thesis, Louisiana State University, Baton Rouge, LA.
- Gabrey SW, Afton AD, Wilson BC (1999) Effects of winter burning and structural marsh management on vegetation and winter bird abundance in the Gulf Coast Chenier plain, USA. *Wetlands* **19**, 594-606.

- Gabrey SW, Afton AD, Wilson BC (2001) Effects of structural marsh management and winter burning on plant and bird communities during summer in the Gulf Coast Chenier plain. *Wildlife Society Bulletin* **29**, 218-231.
- Gabrielson IN (1928) Forest fire and wild life. Four L Lumber News 10, 32.
- Ganey JL, Block WM, Boucher PF (1996) Effects of fire on birds in Madrean forests and woodlands. In 'Effects of fire on Madrean province ecosystems: a symposium proceedings'. (Technical coordinators PF Ffolliott, LF DeBano, MB Baker, Jr., GJ Gottfried, G Solis-Garza, CB Edminster, DG Neary, LS Allen, and RH Hamre) pp. 146-154. USDA Forest Service, Rocky Mountain Research Station General Technical Report RM-GTR-289. (Fort Collins, CO)
- Gniadek S (1977) 'Some aspects of avian ecology following the 1974 Trail Creek and 1976 Divide fires in Yellowstone National Park.' USDI National Park Service unpublished report. (Yellowstone National Park, WY)
- Goldammer JG, Page H (1997) Bibliographie: Feuerökologie in Mitteleuropa. NNA Berichte 10, 175-181.
- Gomendy V (1990) Étude de recolonisation d'un maquis brûlé par l'avifaune nicheuse en Corse. MS thesis, Université de Corse Pascal Paoli, Corte, France.
- Gordon CE (1999) Community ecology and management of wintering grassland sparrows in Arizona. PhD thesis, University of Arizona, Tucson, AZ.
- Gossow H (1996) Fire-vegetation-wildlife interactions in the boreal forest. In 'Fire in ecosystems of boreal Eurasia'. (Eds JG Goldammer, VV Furyaev) pp. 431-444. (Kluwer: The Hague)
- Gossow H (1997) Feuereinfluß auf Wildtierfauna und Biodiversität. NNA Berichte 10, 39-45.
- Granholm SL (1982) Effects of surface fires on birds and their habitat associations in coniferous forests of the Sierra Nevada, California. PhD thesis, University of California Davis, Davis, CA.
- Green RH (1982) 'The activity and movement of fauna in compartment 2, Maggs Mountain, Tasmania, in the first five years of forest regeneration.' Records of the Queen Victoria Museum 75. (Launceston, TAS)
- Greenberg CH (1993) Effect of high-intensity wildfire and silvicultural treatments on biotic communities of sand pine scrub (Florida). PhD thesis, University of Florida, Gainesville, FL.
- Greenberg CH, Neary DG, Harris LD (1993) A comparison of bird communities in sand pine scrub after catastrophic burning and clear-cutting. *Bulletin of the Ecological Society of America* **74**(Supplement 2), 256.
- Greenberg CH, Harris LD, Neary DG (1995) A comparison of bird communities in burned and salvage-logged, clearcut, and forested Florida sand pine scrub. *Wilson Bulletin* **107**, 40-54.
- Griebel RL, Winter SL, Steuter AA (1998) Grassland birds and habitat structure in sandhill prairie managed using cattle or bison plus fire. *Great Plains Research* **8**, 255-268.

- Gurd DB (1996) Avian occurrence in Ontario boreal forests subjected to disturbance from timber harvest and fire. MS thesis, University of Guelph, Guelph, ON.
- Haggard M, Gaines WL (2001) Effects of stand-replacement fire and salvage logging on a cavity-nesting bird community in eastern Cascades, Washington. *Northwest Science* **75**, 387-396.
- Hanmer DA (1978) Dickinson's kestrels hawking birds at cane fires. Bokmakierie 30, 78.
- Hanowski JM, Christian DP, Nelson MC (1999) Response of breeding birds to shearing and burning in wetland brush ecosystems. *Wetlands* **19**, 584-593.
- Hanson EE (1978) The impact of a prescribed burn in a temperate subalpine forest upon the breeding bird and small mammal populations. MS thesis, Central Washington University, Ellensburg, WA.
- Hardy CL (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, Starkville, MS.
- Harper KT, Wagstaff FJ, Kunzler LM (1985) 'Biology and management of the Gambel oak vegetative type: a literature review.' USDA Forest Service, Intermountain Research Station General Technical Report INT-179. (Ogden, UT)
- Harris MA (1982) Habitat use among woodpeckers in forest burns. MS thesis, University of Montana, Missoula, MT.
- Haugaasen T (2000) Effects of ground fires on understorey birds in central Amazonia. MS thesis, University of East Anglia, Norwich, UK.
- Haugaasen T, Barlow J, Peres CA (2003) Effects of surface fires on understorey insectivorous birds and terrestrial arthropods in central Brazilian Amazonia. *Animal Conservation* **6**, 299-306.
- Havet P, Granval P, Masse J (1997) Brûlage des pailles et faune sauvage. *Office National de la Chasse Bulletin Mensuel* **224**, 4-9.
- Hayes GL (1970) Impacts of fire use on forest ecosystems. In 'The role of fire in the Intermountain West proceedings of the Intermountain Fire Research Council symposium'. (Ed Intermountain Fire Research Council) pp. 99-118. (Intermountain Fire Research Council: Missoula, MT)
- Hayward B (1950) Prairie fires and nesting birds. Flicker 22, 35-38.
- Hefty RC (2000) Tallgrass prairie creation and evaluation, with particular interest in species response and economic feasibility, at Rose Lake Wildlife Research Area, Clinton County, Michigan. MS thesis, Michigan State University, Lansing, MI.
- Hejl SJ (1992) The importance of landscape patterns to bird diversity: a perspective from the northern Rocky Mountains. *Northwest Environmental Journal* **8**, 119-137.

- Hejl S, McFadzen M (1998) Cavity nesting birds in salvage logged and unlogged post-fire forests. *Intermountain Journal of Sciences* **4**, 96.
- Hejl SJ, Hutto RL, Preston CR, Finch DM (1995) Effects of silvicultural treatments in the Rocky Mountains. In 'Ecology and management of neotropical migratory birds: a synthesis and review of critical issues'. (Eds TE Martin, DM Finch) pp. 220-244. (Oxford University Press: New York)
- Helle P, Mönkkönen M (1990) Forest successions and bird communities: theoretical aspects and practical implications. In 'Biogeography and ecology of forest bird communities'. (Ed A Keast) pp. 299-318. (SPB Academic Publishing: The Hague)
- Henderson RA, Statz SH (1995) 'Bibliography of fire effects and related literature applicable to the ecosystems and species of Wisconsin.' Wisconsin Department of Natural Resources Technical Bulletin 17. (Madison, WI)
- Henderson SJ, Hansen AJ, Rotella JJ (1996) Effects of fire and vegetation structure on landbird communities in the dry Douglas-fir habitats of southwest Montana. *Bulletin of the Ecological Society of America* **77**(Supplement 2), 192.
- Henderson SJ, Hansen AJ, Archer R (1997) Avian distributions along a fire history gradient: implications for fire suppression and large-scale diversity. *Bulletin of the Ecological Society of America* **78**(Supplement), 107.
- Herkert JR (1994) Breeding bird communities of midwestern prairie fragments: the effects of prescribed burning and habitat-area. *Natural Areas Journal* **14**, 128-135.
- Herrando S (2001) Habitat disturbance in Mediterranean landscapes: effects of fire and fragmentation on birds. PhD thesis, Universitat de Barcelona, Barcelona, Spain.
- Herrando S, Brotons L (2002) Forest bird diversity in mediterranean areas affected by wildfires: a multi-scale approach. *Ecography* **25**, 161-172.
- 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, Brotons L, del Amo R, Llacuna S (2002) Bird community succession after fire in a dry mediterranean shrubland. *Ardea* **90**, 303-310.
- Herrando S, Brotons L, Llacuna S (2003) Does fire increase the spatial heterogeneity of bird communities in the mediterranean landscapes? *Ibis* **145**, 307-317.
- Hewish M (1983) The effect of a wildfire on birdlife in a eucalypt forest: a preliminary report on the Lederederg Gorge seven weeks after the Wombat State Forest fire. *Geelong Naturalist* **20**, 3-16.
- Hickey JJ (1956) Notes on the succession of avian communities at Itasca Park, Minnesota. Flicker 28, 2-10.

- Higgins KF (1986) A comparison of burn season effects on nesting birds in North Dakota mixed-grass prairie. *Prairie Naturalist* **18**, 219-228.
- Hill GE (1998) Use of forested habitat by breeding birds in the Gulf Coastal Plain. *Southern Journal of Applied Forestry* **22**, 133-137.
- Hines M (1999) Managing red-cockaded woodpeckers (*Picoides borealis*) affects breeding-bird communities of pine-oak forests in southeastern Kentucky. *Journal of the Kentucky Academy of Science* **60**, 78-86.
- Hinkes M, Engel K (1981) Bird community changes following wildfire in interior Alaska. *Proceedings of the Alaska Science Conference* **32**, 98.
- Hitchcox SM (1996) Abundance and nesting success of cavity-nesting birds in unlogged and salvage-logged burned forest in northwestern Montana. MS thesis, University of Montana, Missoula, MT.
- Hitchcox SM (1998) 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. *Proceedings of the Tall Timbers Fire Ecology Conference* **20**, 365.
- Hitchcox SM (1998) Abundance and nesting success of cavity-nesting birds in unlogged and salvage-logged burned forest patches. *Intermountain Journal of Sciences* **4**, 97.
- Hobson KA, Bayne E (2000) The effects of stand age on avian communities in aspen-dominated forests of central Saskatchewan, Canada. *Forest Ecology and Management* **136**, 121-134.
- Hobson KA, Schieck J (1999) Changes in bird communities in boreal mixedwood forest: harvest and wildfire effects over 30 years. *Ecological Applications* **9**, 849-863.
- Hood JB (1941) Birds and bushfires. South Australian Ornithologist 15, 125-127.
- Horton J (1930) Birds and animals killed by forest fires. Murrelet 11, 22.
- Horton SP (1987) Effects of prescribed burning on breeding birds in a Ponderosa pine forest, southeastern Arizona. MS thesis, University of Arizona, Tucson, AZ.
- Horton SP, Mannan RW (1988) Effects of prescribed fire on snags and cavity-nesting birds in southeastern Arizona pine forests. *Wildlife Society Bulletin* **16**, 37-44.
- Howard WE, Fenner RL, Childs HE Jr. (1959) Wildlife survival in brush burns. *Journal of Range Management* **12**, 230-234.
- Huber GE, Steuter AA (1984) Vegetation profile and grassland bird response to spring burning. *Prairie Naturalist* **16**, 55-61.
- Huff MH (1984) Post-fire succession in the Olympic Mountains, Washington: forest vegetation, fuels, and avifauna. PhD thesis, University of Washington, Seattle, WA.

- Huff MH, Smith JK (2000) Fire effects on animal communities. In 'Wildland fire in ecosystems: effects of fire on fauna'. (Ed JK Smith) pp. 35-42. USDA Forest Service, Rocky Mountain Research Station General Technical Report RMRS-GTR-42-volume 1. (Fort Collins, CO)
- Huff MH, Agee JK, Manuwal DA (1985) Postfire succession of avifauna in the Olympic Mountains, Washington. In 'Fire's effects on wildlife habitat symposium proceedings'. (Compilers JE Lotan, JK Brown) pp. 8-15.

 USDA Forest Service, Intermountain Research Station General Technical Report INT-186. (Ogden, UT)
- Hutto RL (1995) Composition of bird communities following stand-replacement fires in northern Rocky Mountain (U.S.A.) conifer forests. *Conservation Biology* **9**, 1041-1058.
- Imbeau L (1996) Comparaison et suivi des communautés d'oiseaux nicheurs dans des pessières noires boréales issues de coupes et de feux. MS thesis, Université du Québec à Chicoutimi, Chicoutimi, QC.
- Imbeau L, Savard J-PL, Gagnon R (1999) Comparing bird assemblages in successional black spruce stands originating from fire and logging. *Canadian Journal of Zoology* **77**, 1850-1860.
- Isacch JP, Martínez MM (2001) Estacionalidad y relaciones con la estructura del hábitat de la comunidad de aves de pastizales de paja colorada (*Paspalum quadrifarium*) manejados con fuego en la provincia de Buenos Aires, Argentina. *Ornitológia Neotropicál* 12, 345-354.
- Izhaki I (1993) The resilience of passerine birds in an east-mediterranean pine forest on Mount Carmel, Israel: the effects of post-fire management. In 'Fire in Mediterranean ecosystems'. (Eds L Trabaud, R Prodon) pp. 303-314. (Commission of European Communities: Brussels)
- Izhaki I, Adar M (1997) The effects of post-fire management on bird community succession. *International Journal of Wildland Fire* **7**, 335-342.
- James FC, Hess CA (1994) Overview of fire ecology and avian conservation. Journal für Ornithologie 135, 489.
- Jansen R, Little RM, Crowe TM (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.
- Johnson AS, Landers JL (1982) Habitat relationships of summer resident birds in slash pine flatwoods. *Journal of Wildlife Management* **46**, 416-428.
- Johnson DH (1976) Effects of grassland burning on breeding birds preliminary report. *Proceedings of the North Dakota Academy of Science* **30**, 24
- Johnson DH (1997) Effects of fire on bird populations in mixed-grass prairie. In 'Ecology and conservation of Great Plains vertebrates'. (Eds FL Knopf, FB Samson) pp. 181-206. (Springer: New York)

- Johnson TH, Wauer RH (1996) Avifaunal response to the 1977 La Mesa fire. In 'Fire effects in southwestern forests

 proceedings of the second La Mesa fire symposium'. (Technical ed CD Allen) pp. 70-94. USDA Forest

 Service, Rocky Mountain Research Station General Technical Report RM-GTR-286. (Fort Collins, CO)
- Kantrud HA (1990) Effects of vegetation manipulation on breeding waterfowl in prairie wetlands a literature review. In 'Can livestock be used as a tool to enhance wildlife habitat'? (Ed KE Severson) pp. 93-110. USDA Forest Service, Rocky Mountain Research Station General Technical Report RM-194. (Fort Collins, CO)
- Kerley L (1994) Bird responses to habitat fragmentation caused by sagebrush management in a Wyoming sagebrush steppe ecosystem. PhD thesis, University of Wyoming, Laramie, WY.
- Kerley LL, Anderson SH (1995) Songbird responses to sagebrush removal in a high elevation sagebrush steppe ecosystem. *Prairie Naturalist* 27, 129-146.
- Kerlinger P (1984) 'Avian community structure along a successional gradient in the New Jersey pine barrens.' New Jersey Audubon Society Occasional Paper 142. (Bernardsville, NJ)
- Kerlinger P, Doremus C (1981) Habitat disturbance and the decline of dominant species in pine barrens of the northeastern United States. *American Birds* **35**, 16-20.
- Kerzina MN (1956) Vliyanie vyrubok i garey na formirovanie lesnoy fauny. *Rol'zivotnykh v zizni lesa* **1956**, 217-304.
- Kilgore BM (1971) Response of breeding bird populations to habitat changes in a giant sequoia forest. *American Midland Naturalist* **85**, 135-152.
- Kimber PC (1974) Some effects of prescribed burning on jarrah forest birds. In 'Proceedings of the Third Fire Ecology Symposium'. (Ed Anonymous) pp. 49-57. (Victoria Forest Commission: Melbourne, VIC)
- King R (2000) Effects of single burn events on degraded oak savanna. Ecological Restoration 18, 228-233.
- King TG, Howell MA, Chapman BR, Miller KV, Schorr RA (1998) Comparisons of wintering bird communities in mature pine stands managed by prescribed burning. *Wilson Bulletin* **110**, 570-574.
- Kinnaird MF, O'Brien TG (1998) Ecological effects of wildfire on lowland rainforest in Sumatra. *Conservation Biology* **12**, 954-956.
- Kipp DH (1931) Wild life in a fire. American Forests 37, 323-325.
- Kirby RE, Lewis SJ, Sexson TN (1988) 'Fire in North American wetland ecosystems and fire-wildlife relations: an annotated bibliography.' USDI Fish and Wildlife Service Biological Report 88. (Jamestown, ND)
- Kirkpatrick CK (1999) Trends in grassland bird abundance following prescribed burning in southern Arizona. MS thesis, University of Arizona, Tucson, AZ

- Kirkpatrick C, DeStefano S, Mannan RW, Lloyd J (2002) Trends in abundance of grassland birds following a spring prescribed burn in southern Arizona. *Southwestern Naturalist* **47**, 282-292.
- Kirsch LM, Kruse AD (1973) Prairie fires and wildlife. *Proceedings of the Tall Timbers Fire Ecology Conference* **12**, 289-303.
- Klebenow DA, Beall RC (1978) Fire impacts on birds and mammals on Great Basin rangelands. In 'Proceedings of the 1977 Rangeland Management and Fire Symposium'. (Preparers CM Bourassa, AP Brackebusch) pp. 59-62. (Montana Forest and Conservation Experiment Station: Missoula, MT)
- Klute DS, Robel RJ (1993) Comparative avian usage of rowcrop, burned and unburned crop fields, and grazed pastures in eastern Kansas. *Horned Lark* **20**, 4.
- Knodel-Montz JJ (1981) Use of artificial perches on burned and unburned tallgrass prairie. *Wilson Bulletin* **93**, 547-548.
- Komarek EV Sr. (1969) Fire and animal behavior. *Proceedings of the Tall Timbers Fire Ecology Conference* **9**, 161-207.
- Kotliar NB, Hejl SJ, Hutto RL, Saab VA, Melcher CP, McFadzen ME (2002) Effects of fire and post-fire salvage logging on avian communities in conifer-dominated forests of the western United States. In 'Effects of habitat fragmentation on birds in western landscapes: contrasts with paradigms from the eastern United States'. (Eds TL George, DS Dobkin) pp. 49-64. Cooper Ornithological Society Studies in Avian Biology No. 25. (Camarillo, CA)
- Kreisel KJ, Stein SJ (1999) Bird use of burned and unburned coniferous forests during winter. *Wilson Bulletin* **111**, 243-250.
- Krementz DG, Christie JS (1999) Scrub-successional bird community dynamics in young and mature longleaf pinewiregrass savannahs. *Journal of Wildlife Management* **63**, 803-814.
- Krieger SM (1997) Abundance, habitat associations, and nest success of passerines within a fire-maintained longleaf pine (*Pinus palustris*) ecosystem. MS thesis, North Carolina State University, Raleigh, NC.
- Kruse AD, Piehl JL (1986) The impact of prescribed burning on ground-nesting birds. In 'The prairie past, present, and future: proceedings of the ninth North American prairie conference'. (Eds GK Clambey, RH Pemble) pp. 153-156. (Tri-College University Center for Environmental Studies: Fargo, ND)
- Kruse AD, Bowen BS (1996) Effects of grazing and burning on densities and habitats of breeding ducks in North Dakota. *Journal of Wildlife Management* **60**, 233-246.
- Kuleschova LV, Korotkov VN, Potapova NA, Evstigneev OI, Kozlenko AB, Rusanova OM (1996) Kompleksny analiz poslepozharnykh suktsessiy v lesakh Kostomukshchskogo zapovednika (Kareliya). *Byulleten' Moskovskogo Obshchestva Ispytatelei Prirody Otdel Biologicheskiy* **101**, 3-15.

- Kuleshova LV (1981) Ecologicheskie i zoogeograficheskie aspekty vozdeystviya pozharov na lesnykh ptits i mlekopitayushchikh. *Zoologicheskiy Zhurnal* **60**, 1542-1552.
- Lambertini M, Faralli U (1991) Ecologia del fuoco in un ambiente a macchia mediterranea (Monte Argentario, Toscana): struttura ed evoluzione delle comunità ornitiche. *Supplemento alle Ricerche di Biologia della Selvaggina* 17, 7-10.
- Lanham JD, Keyser PD, Brose PH, van Lear DH (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.
- Laterza KJ (1999) Effects of prescribed burning frequency on avian communities in a longleaf pine ecosystem. MS thesis, Stephen F. Austin State University, Nacogdoches, TX.
- Lawent JL, Powell LA (2000) Effects of prescribed burning on prairie birds at Mines of Spain, Dubuque, Iowa. *Iowa Bird Life* **70**, 6-15.
- Lawrence GE (1966) Ecology of vertebrate animals in relation to chaparral fire in the Sierra Nevada foothills. *Ecology* **47**, 278-291.
- Leenhouts WP, Baker JL (1982) Vegetation dynamics in dusky seaside sparrow habitat on Merritt Island National Wildlife Refuge. *Wildlife Society Bulletin* **10**, 127-132.
- Legare M, Hill H, Farinetti R, Cole FT (1998) Marsh bird response during two prescribed fires at the St. Johns National Wildlife Refuge, Brevard County, Florida. *Proceedings of the Tall Timbers Fire Ecology Conference* **20**, 114.
- Leidolf A (1999) Avian community response to fire in a Gambel oak woodland. MS thesis, Utah State University, Logan, UT.
- Leopold A (1923) Wild followers of the forest: the effect of forest fires on game and fish the relation of forests to game conservation. *American Forestry* **29**, 515-519.
- Lillywhite HB (1977) Animal response to fire and fuel management in chaparral. In 'Proceedings of the symposium on the environmental consequences of fire and fuel management in mediterranean ecosystems'. (Technical coordinators HA Mooney, CE Conrad) pp. 368-373. USDA Forest Service, Washington Office General Technical Report WO-3. (Washington, DC)
- Litwin TS (1986) Factors affecting avian diversity in a northeastern woodlot. PhD thesis, Cornell University, Ithaca, NY.
- Llimona F, Mathieu 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, N.E. Spain). In 'Fire in Mediterranean ecosystems'. (Eds L Trabaud, R Prodon) pp. 315-331. (Commission of European Communities: Brussels)

 Page 19 of 36

- Lloyd H (1938) Forest fire and wildlife. Journal of Forestry 36, 1051-1054.
- Loiselle BA, Blake JG (1984) Site tenacity of birds on Curtis Prairie, Dane County, Wisconsin. *Passenger Pigeon* **46**, 16-21.
- Longhurst WM (1978) Responses of bird and mammal populations to fire in chaparral. *California Agriculture* **32**, 9-12.
- Longstaff GB (1912) Birds and insects at the edge of fire. *Proceedings of the Entomological Society of London* **60**: xlii-xliii.
- López B, Guitian J (1988) Evolución de las comunidades de aves después del incendio en pinares de la Galicia occidental. Ardeola 35, 97-107.
- López B, Guitian J (1990) Evolution of avian diversity in pine woods after fire. In 'Proceedings of the International Conference on Forest Fire Research'. (Ed Unknown) pp. unknown. (University of Coimbra: Coimbra, Portugal)
- Lowe PO (1975) Potential wildlife benefits of fire in Ponderosa pine stands. MS thesis, University of Arizona, Tucson, AZ.
- Lowe PO, Ffolliott PF, Dieterich JH, Patton DR (1978) 'Determining potential wildlife benefits from wildfires in Arizona Ponderosa pine forests.' USDA Forest Service, Rocky Mountain Research Station General Technical Report RM-52. (Fort Collins, CO)
- Loyn RH (1985) Bird populations in successional forests of mountain ash *Eucalyptus regnans* in central Victoria. *Emu* **85**, 213-230.
- Loyn RH (1997) Effects of an extensive wildfire on birds in far eastern Victoria. *Pacific Conservation Biology* **3**, 221-234.
- Loyn RH, Hewish MJ, Considine M (1992) Short-term effects of fuel reduction burning on bird populations in Wombat State Forest. In 'Ecological impacts of fuel reduction burning in dry sclerophyll forest: first progress report'. (Eds K Tolhurst, D Flinn) pp. 5.1-5.11. Victoria Department of Conservation and Environment Forest Research Report 349. (Melbourne, VIC)
- Lyon LJ, Marzluff JM (1985) Fire's effects on a small bird population. In 'Fire's effects on wildlife habitat symposium proceedings'. (Compilers JE Lotan, JK Brown) pp. 16-22. USDA Forest Service, Intermountain Research Station General Technical Report INT-186. (Ogden, UT)
- Lyon LJ, Crawford HS, Czuhai E, Fredriksen RL, Harlow RF, Metz LJ, Pearson HA (1978) 'Effects of fire on fauna: a state of knowledge review.' USDA Forest Service, Washington Office General Technical Report WO-6. (Washington, DC)

- Lyon LJ, Huff MH, Smith JK (2000) Fire effects on fauna at landscape scales. In 'Wildland fire in ecosystems: effects of fire on fauna'. (Ed JK Smith) pp. 43-50. USDA Forest Service, Rocky Mountain Research Station General Technical Report RMRS-GTR-42-volume 1. (Fort Collins, CO)
- Lyon LJ, Huff MH, Telfer ES, Schreiner DS, Smith JK (2000) Fire effects on animal populations. In 'Wildland fire in ecosystems: effects of fire on fauna'. (Ed JK Smith) pp. 25-34. USDA Forest Service, Rocky Mountain Research Station General Technical Report RMRS-GTR-42-volume 1. (Fort Collins, CO)
- Lyon LJ, Telfer ES, Schreiner DS (2000) Direct effects of fire and animal responses. In 'Wildland fire in ecosystems: effects of fire on fauna'. (Ed JK Smith) pp. 17-24. USDA Forest Service, Rocky Mountain Research Station General Technical Report RMRS-GTR-42-volume 1. (Fort Collins, CO)
- Madden EM (1996) Passerine communities and bird-habitat relationships on prescribe-burned mixed-grass prairie in North Dakota. MS thesis, Montana State University, Bozeman, MT.
- Madden EM, Hansen AJ, Murphy RK (1999) Influence of prescribed fire history on habitat and abundance of passerine birds in northern mixed-grass prairie. *Canadian Field-Naturalist* **113**, 627-640.
- Marini MA, Cavalcanti RB (1996) Influência do fogo na avifauna do sub-bosque de uma mata de galeria do Brasil central. *Revista Brasileira de Biologia* **56**, 749-754.
- Marone L (1990) Modifications of local and regional bird diversity after a fire in the Monte desert, Argentina. *Revista Chilena de Historia Natural* **63**, 187-195.
- Marshall JT (1963) Fire and birds in the mountains of southern Arizona. *Proceedings of the Tall Timbers Fire Ecology Conference* **2**, 135-142.
- Martin J-L (1983) Analyse écologique de l'avifaune nicheuse du Massif du Rove (Bouches-du-Rhône). *Alauda* **51**, 210-226.
- Martínez-Vilalta J, Bertolero A, Bigas D, Paquet J-Y, Martínez-Vilalta A (2002) Habitat selection of passerine birds nesting in the Ebro delta reedbeds (NE Spain): management implications. *Wetlands* **22**, 318-325.
- Mason RB (1981) Response of birds and rodents to controlled burning in pinyon-juniper woodlands. MS thesis, University of Nevada, Reno, NV.
- McClure HE (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.
- McCormick J (1972) A post-burn fauna count in the northern jarrah forest. Forest Notes 10, 5-8.
- McCulloch EM (1966) Swifts and bushfires. Emu 65, 290.
- McFarland D (1988) The composition, microhabitat use and response to fire of the avifauna of subtropical heathlands in Cooloola National Park, Queensland. *Emu* **88**, 249-257.

- McFarland DC (1993) Fire and bird conservation. In 'Birds and their habitats: status and conservation in Queensland'. (Eds CP Catterall, PV Driscoll, K Hulsman, D Muir, A Taplin) pp. 41-44. (Queensland Ornithological Society: St. Lucia, QLD)
- McGee JM (1976) Some effects of fire suppression and prescribed burning on birds and mammals in sagebrush. MS thesis, University of Wyoming, Laramie, WY.
- McIlroy JC (1978) The effects of forestry practices on wildlife in Australia: a review. Australian Forestry 41, 78-94.
- McMahon TE, de Calesta DS (1990) Effects of fire on fish and wildlife. In 'Natural and prescribed fire in Pacific Northwest forests'. (Eds JD Walstadt, SR Radosevich, DV Sandberg) pp. 233-250. (Oregon State University Press: Corvallis, OR)
- McNair DB (1998) Henslow's sparrow and sedge wren response to a dormant-season prescribed burn in a pine savanna. *Florida Field Naturalist* **26**, 46-47.
- Mentis MT, Bigalke RC (1979) Some effects of fire on two grassland francolins in the Natal Drakensberg. *South African Journal of Wildlife Research* **9**, 1-8.
- Mentis MT, Bigalke RC (1981) The effect of scale of burns on the densities of grassland francolins in the Natal Drakensberg. *Biological Conservation* **21**, 247-261.
- Mentis MT, Rowe-Rowe DT (1979) Fire and faunal abundance and diversity in the Natal Drakensberg. *Proceedings* of the Grasslands Society of South Africa 14, 75-77.
- Meredith CW (1983) Fire and birds: the result of two studies and their relevance to fuel reduction burning. In 'Fighting fire with fire'. (Ed EHM Ealey) pp. 193-202. (Monash University: Melbourne, VIC)
- Michael ED, Thornburgh PI (1971) Immediate effects of hardwood removal and prescribed burning on bird populations. *Southwestern Naturalist* **15**, 359-370.
- Milesi FA, Marone L, Lopez de Casenave J, Cueto VR, Mezquida ET (2002) Gremios de manejo como indicadores de las condiciones del ambiente: un estudio de caso con aves y perturbaciones del hábitat en el Monte central, Argentina. *Ecología Austral* 12, 149-161.
- Moreira F, Ferreira PG, Rego FC, Bunting S (2001) Landscape changes and breeding bird assemblages in northwestern Portugal: the role of fire. *Landscape Ecology* **16**, 175-187.
- Moreira F, Delgado A, Ferreira S, Borralho R, Oliveira N, Inacio M, Silva JS, 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**, 225-237.
- Morel GJ, Morel M-Y (1978) Recherches écologiques sur une savane sahélienne du Ferlo septentrional, Sénégal: étude d'une communauté avienne. *Cahiers O.R.S.T.O.M. Serie Biologie* **13**, 3-34.

- Morely A (1940) Recolonization by bird species on burnt woodland. Journal of Animal Ecology 9, 84-88.
- Moriarty DJ, Farris RE, Noda DK, Stanton PA (1985) Effects of fire on a coastal sage scrub bird community. Southwestern Naturalist 30, 452-453.
- Morissette J (2001) The response of boreal songbird communities to fire and post-fire harvesting. MS thesis, University of Regina, Regina, SK.
- Morissette JL, Cobb TP, Brigham RM, James PC (2002) The response of boreal forest songbird communities to fire and post-fire harvesting. *Canadian Journal of Forest Research* **32**, 2169-2183.
- Nappi A (2000) Distribution des pics et utilisation des arbres morts dand les forêts soumises aux perturbations naturelles en pessière à mousses. MS thesis, Université du Québec à Montréal, Montreal, QC.
- Neuschulz F (1991) Spontane Ansiedlung seltener Kleinvogelarten in neu entstandenem Lebensraum. *Seevögel* **12**(Sonderheft), 75-78.
- Newsome AE, McIlroy J, Catling P (1975) The effects of an 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 'Shrublands in California: literature review and research needed for management'. (Ed JJ deVries) pp. 74-97. University of California Water Resources Center Contribution 191. (Davis, CA)
- Niemi GJ (1978) Breeding birds of burned and unburned areas in northern Minnesota. Loon 50, 73-84.
- Niemi GJ, Probst JR (1990) Wildlife and fire in the upper midwest. In 'Management of dynamic ecosystems'. (Ed JM Sweeney) pp. 31-46. (The Wildlife Society Northcentral Section: West Lafayette, IN)
- Niemi G, Hanowski J, Helle P, Howe R, Mönkkönen M, Venier L, Welsh D (1998) Ecological sustainability of birds in boreal forests. *Conservation Ecology* **2**, 17.
- Noson AC, Schmitz RA, Miller RF (2001) Avian response to prescribed fire in a sagebrush-shrubsteppe ecosystem. Ecological Society of America Annual Meeting Abstracts 86, 168.
- O'Brien TG, Kinnaird MF, Sunarto, Dwiyahreni AA, Rombang WM, Anggraini K (1998) 'Effects of the 1997 fires on the forest and wildlife of the Bukit Barisan Selatan National Park, Sumatra.' Wildlife Conservation Society Working Paper 13. (New York, NY)
- Overturf JH (1979) The effects of forest fire on breeding bird populations of Ponderosa pine forests of northern Arizona. MS thesis, Northern Arizona University, Flagstaff, AZ.
- Pannach D (1993) Vogelleben nach einer Waldbrandkatastrophe. Beiträge zur Vogelkunde 39, 376.
- Parr CL, Chown SL (2003) Burning issues for conservation: a critique of faunal fire research in Southern Africa. Austral Ecology 28, 384-395.

- Patton DR, Gordon J (1995) 'Fire, habitats, and wildlife.' USDA Forest Service, Rocky Mountain Research Station. (Flagstaff, AZ)
- Peres CA, Barlow J, Haugaasen T (2003) Vertebrate response to surface wildfires in a central Amazonian forest. *Oryx* **37**, 97-109.
- Pescott T (1983) Beach-washed birds after the Ash Wednesday fire. Geelong Naturalist 20, 17-19.
- Petersen KL (1986) Avian ecological studies in a sagebrush community: bird responses to fire and territory dynamics in a sparrow population. PhD thesis, Iowa State University, Ames, IA.
- Petersen KL, Best LB (1985) Effects of prescribed burning on nongame birds in a sagebrush community.

 Proceedings of the Society for Range Management Annual Meeting 38, 16.
- Petersen KL, Best LB (1987) Effects of prescribed burning on nongame birds in a sagebrush community. *Wildlife Society Bulletin* **15**, 317-329.
- Petersen KL, Best LB (199) Design and duration of perturbation experiments: implications for data interpretation. In 'Ecology and conservation of grassland birds of the western hemisphere'. (Eds PD Vickery, JR Herkert) pp. 230-236. Cooper Ornithological Society Studies in Avian Biology No. 19. (Camarillo, CA)
- Petersen PC (1974) Effect of prairie burning on migrant birds. Inland Bird Banding News 46, 137-139.
- Pfister AR (1980) Postfire avian ecology in Yellowstone National Park. MS thesis, Washington State University, Pullman, WA.
- Pinkowski BC (1977) Notes on effects of fire and logging on birds inhabiting jack pine stands. *Jack-Pine Warbler* **55**, 92-94.
- Pons P (1996) Dynamique de l'avifaune après incendie et brûlage dirigé en zone méditerranéenne: importance de la territorialité. PhD thesis, Université Paris 6, Paris, France.
- Pons P (1998) Bird site tenacity after prescribed burning in a Mediterranean shrubland. In 'Fire management and landscape ecology'. (Ed L Trabaud) pp. 261-270. (International Association of Wildland Fire: Fairfield, WA)
- Pons P (1998) Évaluation des impacts d'un brûlage dirigé sur la faune d'un maquis méditerranéen. *Pastum* **51-52**, 92-95.
- 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**, 103-114.
- Pons P, Prodon R (1996) Short term temporal patterns in a mediterranean shrubland bird community after wildfire. *Acta Oecologica* **17**, 29-41.
- Pons P, Prodon R (1997) Feu contrôlé et comportement des passereaux d'un maquis. Alauda 65, 88.

- Pons P, Lambert B, Rigolot E, Prodon R (2003) The effects of grassland management using fire on habitat occupancy and conservation of birds in a mosaic landscape. *Biodiversity and Conservation* **12**, 1843-1860.
- 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, 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.
- Porter JW, Henderson R (1983) Birds and burning histories of open forest at Gundiah, south eastern Queensland. *Sunbird* **13**, 61-68.
- Prodon R (1987) Fire, bird conservation and land management in the North-Mediterranean area. *Ecologia Mediterranea* **13**, 127-133.
- Prodon R (1987) Impact écologique du feu sur l'avifaune et gestion du paysage en France méditerranéenne. *Revue d'Écologie (Terre et Vie) Supplément* **4**, 107-113.
- 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 méditerranéenne siliceuse. PhD thesis, Université Paris 6, Paris, France.
- Prodon R (1989) Modifications de l'avifaune consécutives à la déprise rurale ou aux incendies en zone méditerranéenne. *Aves* **26**, 39-47.
- Prodon R (1992) Animal communities and vegetation dynamics: measuring and modelling animal community dynamics along forest successions. In 'Responses of forest ecosystems to environmental changes'. (Eds A Teller, P Mathy, JNR Jeffers) pp. 126-141. (Elsevier: New York)
- 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, Lebreton J-D (1983) Prediction of bird census from vegetation structure: application to the study of a postfire succession. In 'Censos de aves en el mediterraneo bird census and mediterranean landscape'. (Ed FJ Purroy) pp. 190-194. (Universidad de León: León)
- Prodon R, Pons P (1993) Postfire bird studies: methods, questions, and perspectives. In 'Fire in Mediterranean ecosystems'. (Eds L Trabaud, R Prodon) pp. 332-343. (Commission of European Communities: Brussels)
- Prodon R, Fons R, Peter A-M (1984) L'impact du feu sur la végétation, les oiseaux et les micromammifères dans diverses formations méditerranéennes des Pyrénées-Orientales: premiers resultants. *Revue d'Écologie (Terre et Vie)* **39**, 129-158.

- Prodon R, Fons R, Athias-Binche F (1987) The impact of fire on animal communities in mediterranean area. In 'The role of fire in ecological systems'. (Ed L Trabaud) pp. 121-157. (SPB Academic Publishing: The Hague)
- Provencher L, Gobris NM, Brennan LA (2002) Effects of hardwood reduction on winter birds in northwest Florida longleaf pine sandhill forests. *Auk* **119**, 71-87.
- Provencher L, Gobris NM, Brennan LA, Gordon DR, Hardesty JL (2002) Breeding bird response to midstory hardwood reduction in Florida sandhill longleaf pine forests. *Journal of Wildlife Management* **66**, 641-661.
- Pylypec B (1991) Impacts of fire on bird populations in a fescue prairie. Canadian Field-Naturalist 105, 346-349.
- Quinlan SE (1979) Bird communities and white spruce forest succession on the Kenai peninsula, Alaska. *Proceedings of the Alaska Science Conference* **30**, 221.
- Quinn RD (1994) Animals, fire, and vertebrate herbivory in Californian chaparral and other mediterranean-type ecosystems. In 'The role of fire in mediterranean-type ecosystems'. (Eds JM Moreno, WC Oechel) pp. 46-78. (Springer: New York)
- Raman TRS (2001) Effects of slash-and-burn shifting cultivation on rainforest birds in Mizoram, northeast India. *Conservation Biology* **15**, 685-698.
- Raman TRS, Rawat GS, Johnsingh AJT (1998) Recovery of tropical rainforest avifauna in relation to vegetation succession following shifting cultivation in Mizoram, north-east India. *Journal of Applied Ecology* **35**, 214-231.
- Raphael MG (1980) Utilization of standing dead trees by breeding birds at Sagehen Creek, California. PhD thesis, University of California Berkeley, Berkeley, CA.
- Raphael MG, White M (1984) Use of snags by cavity-nesting birds in the Sierra Nevada. *Wildlife Monographs* **86**, 1-66.
- Raphael MG, Morrison ML, Yoder-Williams MP (1987) Breeding bird populations during twenty-five years of postfire succession in the Sierra Nevada. *Condor* **89**, 614-626.
- Raphael MG, Rosenberg KV, Marcot BG (1987) Large-scale changes in bird populations of Douglas-fir forests, northwestern California. *Bird Conservation* **3**, 63-83.
- Ratkowsky AV (1978) The effect of a spring fire on the number of bird species. Tasmanian Naturalist 53, 11-12.
- Ratkowsky AV (1979) The bird species of Mt. Nelson in relation to microhabitat and recent bushfires. *Tasmanian Naturalist* **57**, 12-18.
- Ratkowsky AV (1985) The effect of a severe fire on the number of bird species in a wet sclerophyll environment. *Tasmanian Naturalist* **63**, 8-9.

- Ream CH (1981) 'The effects of fire and other disturbances on small mammals and their predators: an annotated bibliography.' USDA Forest Service, Intermountain Research Station General Technical Report INT-106. (Ogden, UT)
- Recher HF (1981) Death of an Australian myth: fire and its effects on wildlife. In 'Bushfires: their effect on Australian life and landscape'. (Ed PJ Stanbury) pp. 39-48. (Macleay Museum: Sydney, NSW)
- Recher HF (1997) Impact of wildfire on the avifauna of Kings Park, Perth, Western Australia. *Wildlife Research* **24**, 745-761.
- Recher HF, Christensen PE (1981) Fire and the evolution of the Australian biota. In 'Ecological biogeography in Australia'. (Ed A Keast) pp. 135-162. (Junk: The Hague)
- Recher HF, Serventy DL (1991) Long term changes in the relative abundances of birds in Kings Park, Perth, Western Australia. *Conservation Biology* **5**, 90-102.
- Recher HF, Allen D, Gowing G (1985) The impact of wildfire on birds in an intensively logged forest. In 'Birds of eucalypt forests and woodlands: ecology, conservation, management'. (Eds A Keast, HF Recher, H Ford, D Saunders) pp. 283-290. (Royal Australasian Ornithologists' Union/Surrey Beatty and Sons: Sydney, NSW)
- Reilly P (1991) The effect of wildfire on bird populations in a Victorian coastal habitat. Emu 91, 100-106.
- Reilly P (1991) The effect of wildfire on bush bird populations in six Victorian coastal habitats. *Corella* **15**, 134-142.
- Reilly P (2000) Bird populations in a Victorian coastal habitat twelve years after a wildfire in 1983. *Emu* **100**, 240-245.
- Renwald JD (1977) Effect of fire on lark sparrow nesting densities. Journal of Range Management 30, 283-285.
- Renwald JD (1978) The effect of fire on woody plant selection by nesting nongame birds. *Journal of Range Management* **31**, 467-468.
- Reynolds MC (1997) Effects of burning on birds in mesquite-grassland (Texas). MS thesis, University of Arizona, Tucson, AZ.
- Reynolds MC, Krausman PR (1998) Effects of winter burning on birds in mesquite grassland. *Wildlife Society Bulletin* **26**, 867-876.
- Richards SA, Possingham HP, Tizard J (1999) Optimal fire management for maintaining community diversity. *Ecological Applications* **9**, 880-892.
- Ridpath MG (1972) The effects of fire on fauna. In 'Proceedings of the 1971 tropical and arid fire symposium'. (Eds RJ Hooper, M Rowell) pp. 64-66. (Government Printer: Darwin, NT)
- Riess W (1975) Feuer für die Vögel. Wir und die Vögel 7(6), 22-25.

- Riess W (1980) Möglichkeiten der Feuerökologie zum Management von Vogelbiotopen. Beihefte zu den Veröffentlichungen der Landesstelle für Naturschutz und Landschaftspflege in Baden-Württemberg 16, 97-105.
- Riney T, Batcheler CL (1960) 'Relations between vertebrates and forest after the 1955 fire at Balmoral State Forest.' New Zealand Forestry Research Notes 13. (Owen, New Zealand)
- Robel RJ, Hughes JP, Hull SD, Kemp KE, Klute DS (1998) Spring burning: resulting avian abundance and nesting in Kansas CRP. *Journal of Range Management* **51**, 132-138.
- Roberts PE (1970) Some effects of a bushfire on heathland birdlife. *Proceedings of the Royal Zoological Society of New South Wales* **89**, 40-43.
- Rohrbaugh RW Jr., Reinking DL, Wolfe DH, Sherrod SK, Jenkins MA (1999) Effects of prescribed burning and grazing on nesting and reproductive success of three grassland passerine species in tallgrass prairie. In 'Ecology and conservation of grassland birds of the western hemisphere'. (Eds PD Vickery, JR Herkert) pp. 165-170. Cooper Ornithological Society Studies in Avian Biology No. 19. (Camarillo, CA)
- Roppe JA (1974) Effects on wildlife of a fire in a lodgepole pine forest. MS thesis, Colorado State University, Fort Collins, CO.
- Roppe JA, Hein D (1978) Effects of fire on wildlife in a lodgepole pine forest. Southwestern Naturalist 23, 279-288.
- Rotenberry JT, Cooper RJ, Wunderle JM, Smith KG (1995) When and how are populations limited? The roles of insect outbreaks, fire, and other natural perturbations. In 'Ecology and management of neotropical migratory birds: a synthesis and review of critical issues'. (Eds TE Martin, DM Finch) pp. 55-84. (Oxford University Press: New York)
- Rutledge BT, Conner ML (2002) Potential effects of groundcover restoration on breeding bird communities in longleaf pine stands. *Wildlife Society Bulletin* **30**, 354-360.
- Saab VA, Dudley JG (1998) 'Responses of cavity-nesting birds to stand-replacement fire and salvage-logging in Ponderosa pine/Douglas-fire forests of southwestern Idaho.' USDA Forest Service, Rocky Mountain Research Station Research Paper RMRS-11. (Fort Collins, CO)
- Salgado-Ortiz J (2000) Slash-and-burn disturbance and patterns of avian diversity at the Calakmul Biosphere Reserve, Campeche, Mexico: the conservation implications of a habitat mosaic. MS thesis, Queen's University, Kingston, ON.
- Sallabanks R (1995) 'Effects of wildfire on breeding bird communities in coniferous forests of northeastern Oregon.' (Sustainable Ecosystems Institute: Meridian, ID)
- Sallabanks R, McIver JD (1998) Response of breeding bird communities in the Oregon Blue Mountains: the first three years following the Twin Lakes fire, 1995-1997. In 'Fire and wildlife in the pacific northwest: research,

- policy, and management'. (Ed Anonymous) pp. 85-89. (The Wildlife Society Northwest Section: location unknown)
- Salveter AL (1994) Effects of prescribed burning on neotropical migrant and resident birds in pine forests of the Arkansas Ozarks. MS thesis, University of Arkansas, Fayetteville, AR.
- Salveter AL, James DA, Smith KG (1996) Responses of avian populations and vegetation to prescribed burning in pine forests of the Arkansas Ozarks. *Transactions of the North American Wildlife and Natural Resource Conference* **61**, 237-245.
- Schieck J, Hobson KA (2000) Bird communities associated with live residual tree patches within cut blocks and burned habitat in mixedwood boreal forests. *Canadian Journal of Forest Research* **30**, 1281-1295.
- Schieck J, Nietfeld M, Stelfox JB (1995) Differences in bird species richness and abundance among three successional stages of aspen-dominated boreal forest. *Canadian Journal of Zoology* **73**, 1417-1431.
- Schmidt W, Mason M (1973) 'The effect of prescribed burning on the fauna of the jarrah forest.' Forests

 Department of Western Australia Research Paper 11. (Perth, WA)
- Schulte LA (1996) Bird communities of early successional burned and logged forest in northeastern Minnesota. MS thesis, University of Minnesota Duluth, Duluth, MN.
- Schulte LA, Niemi GJ (1998) Bird communities of early-successional burned and logged forest. *Journal of Wildlife Management* **62**, 1418-1429.
- Schulze J-C (1978) Die Auswirkungen der Waldbrände vom August 1975 in Niedersachsen auf Waldtiere. *Forst-und Holzwirt* **15**, 520-523.
- Schwab FE, Simon NPP, Carroll CG (2001) Breeding songbird abundance related to secondary succession in the subarctic forests of western Labrador. *Écoscience* **8**, 1-7.
- Searle RFC (1982) Veld fire attendants. Witwatersrand Bird Club News 119, 4.
- Sgardelis SP, Margaris NS (1992) Effects of fire on birds and rodents of a phryganic (east mediterranean) ecosystem. *Israel Journal of Zoology* **38**, 1-8.
- Shannon CJ (1991) Avian use of modified coastal sage scrub. MS thesis, California State Polytechnic University, Pomona, CA.
- Short KC (2003) Complexity and variation in the effects of low-severity fires on forest biota. PhD thesis, University of Montana, Missoula, MT.
- Shown DA (1982) The effects of prescribed burning on bird and small mammal communities in the grasslands of Wind Cave National Park. MS thesis, Michigan Technological University, Houghton, MI.

- Shriver WG, Vickery PD (2001) Response of breeding Florida grasshopper and Bachman's sparrows to winter prescribed burning. *Journal of Wildlife Management* **65**, 470-475.
- Shriver WG, Vickery PD, Perkins DW (1999) The effects of summer burns on breeding Florida grasshopper and Bachman's sparrows. In 'Ecology and conservation of grassland birds of the western hemisphere'. (Eds PD Vickery, JR Herkert) pp. 144-148. Cooper Ornithological Society Studies in Avian Biology No. 19. (Camarillo, CA)
- Shugart HH Jr., James D (1973) Ecological succession of breeding bird populations in northwestern Arkansas. *Auk* **90**, 62-77.
- Shutler D (1987) Post-fire bird communities and vegetation complexity. MS thesis, McGill University, Montreal, QC.
- Siegfried WR, Crowe TM (1983) Distribution and species diversity of birds and plants in fynbos vegetation of mediterranean-climate zone, South Africa. In 'Mediterranean-type ecosystems: the role of nutrients'. (Eds FJ Kruger, DT Mitchell, JUM Jarvis) pp. 403-416. (Springer: Berlin)
- Simmerman D, Smith JK, Miller M, Howard J (1998) Fire effects information system: literature reviews and citations at your fingertips. *Proceedings of the Tall Timbers Fire Ecology Conference* **20**, 61.
- Simon NPP, Schwab FE, Diamond AW (2000) Patterns of breeding bird abundance in relation to logging in western Labrador. *Canadian Journal of Forest Research* **30**, 257-263.
- Simon NPP, Schwab FE, Otto RD (2002) Songbird abundance in clear-cut and burned stands: a comparison of natural disturbance and forest management. *Canadian Journal of Forest Research* **32**, 1343-1350.
- Skinner NG (1989) Seasonal avifauna use of burned and unburned lodgepole pine forest ecotones. MS thesis, University of Montana, Missoula, MT.
- Smallwood JA, Woodrey M, Smallwood NJ, Ketteler MA (1982 Foraging by cattle egrets and American kestrels at a fire's edge. *Journal of Field Ornithology* **53**, 171-172.
- Smith GT (1977) The effect of environmental change on six rare birds. *Emu* 77, 173-179.
- Smith GT (1985) Fire effects on populations of the noisy scrub-bird (*Atrichornis clamosus*), western bristle-bird (*Dasyornis longirostris*) and western whip-bird (*Psophodes nigrogularis*). In 'Fire ecology and management in Western Australian ecosystems'. (Ed JR Ford) pp. 95-102. Western Australian Institute of Technology Environmental Studies Group Bulletin 14. (Perth, WA)
- Smith JK (Ed) (2000) 'Wildland fire in ecosystems: effects of fire on fauna.' USDA Forest Service, Rocky Mountain Research Station General Technical Report RMRS-GTR-42-volume 1. (Fort Collins, CO)

- Smith KG, Petit DR (1988) Breeding birds and forestry practices in the Ozarks: past, present, and future relationships. *Bird Conservation* **3**, 23-49.
- 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.
- Smyth A, MacNally R, Lamb D (2002) Comparative influence of forest management and habitat structural factors on the abundance of hollow-nesting bird species in subtropical Australian eucalypt forest. *Environmental Management* **30**, 547-559.
- Spires S, Bendell JF (1983) Early postfire effects on some invertebrates, small mammals and birds in north-central Ontario. In 'Resources and dynamics of the boreal zone'. (Eds RW Wein, RR Riewe, IR Methven) pp. 308-318. (Association of Canadian Universities for Northern Studies: Ottawa, ON)
- Sposimo P (1991) Comunità ornitica nidificante in un' area incendiata nella Toscana settentrionale. Supplemento *alle Ricerche di Biologia della Selvaggina* **17**, 59-62.
- Stambaugh CA (2003) Community-level response of birds to burned and salvage-logged forests (Alberta). MS thesis, University of Alberta, Edmonton, AB.
- Stanton F (1975) 'Fire impacts on wildlife and habitat.' (USDI Bureau of Land Management: Washington, DC)
- Stanton PA (1985) Comparison of avian community dynamics in burned and unburned coastal sage scrub. MS thesis, California State Polytechnic University, Pomona, CA.
- Stanton PA (1986) Comparison of avian community dynamics of burned and unburned coastal sage scrub. *Condor* **88**, 285-289.
- Starkey EE (1985) Impact of fire on nongame wildlife. In 'Rangeland fire effects: proceedings of a symposium'. (Eds K Sanders, J Durham) pp. 48-51. (USDI Bureau of Land Management Idaho State Office: Boise, ID)
- Steinhoff HW (1978) 'Management of Gambel oak associations for wildlife and livestock.' (USDA Forest Service Rocky Mountain Research Station: Fort Collins, CO)
- Stensaas M (1989) Forest fire birding. Loon 61, 43-44.
- Steyn M (1982) Voëls en die afbrand van veld. Laniarius 15, 4-5.
- Stoddard HL Sr. (1963) Bird habitat and fire. Proceedings of the Tall Timbers Fire Ecology Conference 2, 163-175.
- Stone KL (1994) Shorebird habitat use and response to burned marshes during spring migration in south-central Kansas. MS thesis, Oklahoma State University, Stillwater, OK.
- Stribling HL, Barron MG (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.

- Stuart-Smith AK (2002) Songbird communities in burned and logged stands with variable tree retention in the Canadian Rocky Mountains. PhD thesis, Oregon State University, Corvallis, OR.
- Stuart-Smith K, Adams TT, Larsen KW (2002) Songbird communities in a pyrogenic habitat mosaic. *International Journal of Wildland Fire* **11**, 75-84.
- Stull WD (1975) 'Spring burning effects on songbirds.' Ohio Department of Natural Resources Final Report Federal Aid Project W-103-R-18. (Columbus, OH)
- Suckling GC, Macfarlane MA (1984) The effects of fire on fauna a review. In 'Fighting fire with fire'. (Ed EHM Ealey) pp. 107-128. (Monash University: Melbourne, VIC)
- Suffling R, Lihou C, Morand Y (1988) Control of landscape diversity by catastrophic disturbance: a theory and a case study of fire in a Canadian boreal forest. *Environmental Management* **12**, 73-78.
- Swanson DA (1996) 'Nesting ecology and nesting habitat requirements of Ohio's grassland-nesting birds: a literature review.' Ohio Department of Natural Resources Fish and Wildlife Report 13. (Columbus, OH)
- Sweger JG, Hahn EP (1980) The effects of fire on avifauna in the Appalachian Mountain region of northern New Jersey. *Transactions of the Northeast Section of the Wildlife Society* **37**, 45-49.
- Swengel SR (1996) Management responses of three species of declining sparrows in tallgrass prairie. *Bird Conservation International* **6**, 241-253.
- Swengel SR, Swengel AB (2001) Relative effects of litter and management on grassland bird abundance in Missouri, USA. *Bird Conservation International* **11**, 113-128.
- Taylor DL (1969) Biotic succession of lodgepole pine forests of fire origin in Yellowstone National Park. PhD thesis, University of Wyoming, Laramie, WY.
- Taylor DL (1973) Some ecological implications of forest fire control in Yellowstone National Park, Wyoming. *Ecology* **54**, 1394-1396.
- Taylor DL, Barmore WJ Jr. (1980) Post-fire succession of avifauna in coniferous forests of Yellowstone and Grand Teton National Parks, Wyoming. In 'Workshop proceedings: management of western forests and grasslands for nongame birds'. (Compilers RM DeGraff, NG Tilghman) pp. 130-145. USDA Forest Service, Intermountain Research Station General Technical Report INT-86. (Ogden, UT)
- Telfer ES (1993) Wildfire and the historical habitats of boreal forest avifauna. In 'Proceedings from Birds of the Boreal Forest Workshop'. (Ed DH Kuhnke) pp. 27-38. (Northern Forestry Centre: Edmonton, AB)
- Theberge JB (1976) Bird populations in the Kluane mountains, southwest Yukon, with special reference to vegetation and fire. *Canadian Journal of Zoology* **54**, 1346-1356.
- Thiollay J-M (1971) L'exploitation des feux de brousse par les oiseaux en afrique occidentale. Alauda 39, 54-72.

- Thomas JW, Crouch GL, Bumstead RS, Bryant LD (1975) Silvicultural options and habitat values in coniferous forests. In 'Proceedings of the symposium on management of forest and range habitats for nongame birds'. (Technical coordinator DR Smith) pp. 272-287. USDA Forest Service, Washington Office General Technical Report WO-1. (Washington, DC)
- Thompson JLR (2002) Response of plant and avian communities to presecribed burning and selective herbicide treatments in thinned, mid-rotation loblolly pine plantations in Mississippi. MS thesis, Mississippi State University, Starkville, MS.
- Tiagwad TE, Olson CM, Martin RE (1982) Single-year response of breeding bird populations to fire in a curlleaf mountain mahogany-big sagebrush community. In 'Ecological research in national parks of the Pacific Northwest: Proceedings of the 2nd conference on scientific research in national parks'. (Technical coordinators EE Starkey, JF Franklin, JW Matthews) pp. 101-110. (Oregon State University: Corvallis, OR)
- Tiedemann AR, Woodard PM (2002) 'Multiresource effects of a stand-replacement fire in the *Pinus contorta-Abies lasiocarpa* vegetation zone of central Washington.' USDA Forest Service, Pacific Northwest Research Station General Technical Report PNW-GTR-535. (Portland, OR)
- Tolhurst KG, Flinn DW, Loyn RH, Wilson AAG, Foletta I (1992) 'Ecological effects of fuel reduction burning in a dry sclerophyll forest: a summary of principal research findings and their management implications.' Victoria Department of Conservation and Environment Forest Research Centre. (Melbourne, VIC)
- Turner RJ (1987) Effect of fire on birds Weddin Mountain. In 'Disappearing Islands Proceedings of a seminar on conservation and co-operation in the central west'. (Ed Anonymous) pp. 66-86. (National Parks and Wildlife Service: Bathurst, NSW)
- Turner RJ (1992) Effect of wildfire on birds at Weddin Mountain, New South Wales. Corella 16, 65-74.
- Urner CA (1926) Effects of fires on pine barrens bird life. Auk 43, 558-559.
- Van't Hul JT (1995) Impacts of prescribed burning on migratory and breeding birds on a coastal barrier island. MS thesis, Texas Tech University, Lubbock, TX.
- Van't Hul JT, Lutz RS, Mathews NE (1997) Impact of prescribed burning on vegetation and bird abundance at Matagorda Island, Texas. *Journal of Range Management* **50**, 346-350.
- Verner J (1981) Measuring responses of avian communities to habitat manipulation. In 'Estimating numbers of terrestrial birds'. (Eds CJ Ralph, JM Scott) pp. 543-547. Cooper Ornithological Society Studies in Avian Biology No. 6. (Camarillo, CA)
- Vicente AM (1991) Algunos aspectos sinecológicos de los sistemas avifauna-vegetación. Caso de un gradiente estructural simplificado. *Orsis* **6**, 167-190.

- Vickery PD, Hunter ML Jr., Wells JV (1999) Effects of fire and herbicide treatment on habitat selection in grassland birds in southern Maine. In 'Ecology and conservation of grassland birds of the western hemisphere'. (Eds PD Vickery, JR Herkert) pp. 149-159. Cooper Ornithological Society Studies in Avian Biology No. 19. (Camarillo, CA)
- Vierling KT, Saab V (2002) Influence of pre-fire forest structure on post-fire cavity nesting communities. Ecological Society of America Annual Meeting Abstracts 87, 446.
- Vogl RJ (1964) The effects of fire on a muskeg in northern Wisconsin. *Journal of Wildlife Management* **28**, 317-329.
- Vogl RJ (1973) Effects of fire on the plants and animals of a Florida wetland. *American Midland Naturalist* **89**, 334-347.
- Voitsekhovich AN (1989) Vliyanie lesnykh pozharov na ornitofauna v prigorodnykh lesakh Leningrada. Lesovodstvo, lesnye kultury i pochvovedenie 1989, 32-34.
- Walk JW (1997) Influence of management and habitat area on the distribution and abundance of grassland birds in Illinois. MS thesis, University of Illinois Urbana, Urbana, IL.
- Walk JW, Warner RE (2000) Grassland management for the conservation of songbirds in the midwestern USA. *Biological Conservation* **94**, 165-172.
- Walkinshaw LH (1985) Birds found in Michigan jack-pine burns: fifty-three years of observation. *Jack-Pine Warbler* **63**, 24-35.
- Walter H (1977) Effects of fire on wildlife communities. In 'Proceedings of the symposium on the environmental consequences of fire and fuel management in mediterranean ecosystems'. (Technical coordinators HA Mooney, CE Conrad) pp. 183-192. USDA Forest Service, Washington Office General Technical Report WO-3. (Washington, DC)
- 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'. (Ed Anonymous) pp. 33-57. Western Australia Department of Conservation and Land Management Occasional Paper 2/92. (Como, WA)
- Wardell-Johnson G, Williams M (2000) Edges and gaps in mature karri forest, south-western Australia: logging effects on bird species abundance and diversity. *Forest Ecology and Management* **131**, 1-21.
- Watson A (1989) Foraging birds favouring burnt ground in harvested fields. Scottish Birds 15, 178-179.
- Wauer RH, Johnson T (1984) La Mesa fire effects on avifauna changes in avian populations and biomass. In 'La Mesa Fire Symposium'. (Compiler TS Foxx) pp. 145-171. (Los Alamos National Laboratory: Los Alamos, NM)
- Wegener A (1984) Animals killed by bushfires in coastal Victoria. Australian Bird Watcher 10, 248-250.

- Wegener A (1984) Survey of animal species killed by the Ash Wednesday fires along the Great Ocean Road. *Geelong Naturalist* **21**, 13-16.
- Welch BL (2002) 'Bird counts of burned versus unburned big sagebrush sites.' USDA Forest Service, Rocky Mountain Research Station Research Note RMRS-RN-16. (Fort Collins, CO)
- Westemeier RL, Buhnerkempe JE (1983) Responses of nesting wildlife to prairie grass management on prairie chicken sanctuaries in Illinois. *Proceedings of the North American Prairie Conference* **8**, 39-46.
- Westworth DA, Telfer ES (1993) Summer and winter bird populations associated with five age-classes of aspen forest in Alberta. *Canadian Journal of Forest Research* **23**, 1830-1836.
- Whelan RJ (1995) 'The ecology of fire.' (Cambridge University Press: Cambridge)
- White DH, Chapman BR, Brunjes JH, Raftovich RV Jr., Seginak JT (1999) Abundance and reproduction of songbirds in burned and unburned pine forests of the Georgia piedmont. *Journal of Field Ornithology* **70**, 414-424.
- Willis EO (2003) Birds of a neotropical woodlot after fire. Ornitológia Neotropicál 14, 233-246.
- Wilson CW, Masters RE, Bukenhofer GA (1995) Breeding bird response to pine-grassland community restoration for red-cockaded woodpeckers. *Journal of Wildlife Management* **59**, 56-67.
- Winter K (1980) Auswirkungen des Waldbrandes auf Wirbeltiere. Forstwissenschaftliches Centralblatt 99, 371-375.
- Wirtz WO II (1977) Vertebrate post-fire succession. In 'Proceedings of the symposium on the environmental consequences of fire and fuel management in Mediterranean ecosystems'. (Technical coordinators HA Mooney, CE Conrad) pp. 46-57. USDA Forest Service, Washington Office General Technical Report WO-3. (Washington, DC)
- Wirtz WO II (1979) Effects of fire on birds in chaparral. Cal-Neva Wildlife Transactions 1979, 114-124.
- Wirtz WO II (1982) Postfire community structure of birds and rodents in southern California chaparral. In 'Proceedings of the symposium on dynamics and management of Mediterranean-type ecosystems'. (Coordinators CE Conrad, WC Oechel) pp. 241-246. USDA Forest Service, Pacific Southwest Research Station General Technical Report PSW-58. (Albany, CA)
- Woinarski JCZ (1990) Effects of fire on the bird communities of tropical woodlands and open forests in northern Australia. *Australian Journal of Ecology* **15**, 1-22.
- Woinarski JCZ (1999) Fire and Australian birds: a review. In 'Australia's biodiversity responses to fire'. (Ed Anonymous) pp. 55-111. Environment Australia Biodiversity Technical Paper 1. (Canberra, ACT)
- Woinarski JCZ, Recher HF (1997) Impact and response: a review of the effects of fire on the Australian avifauna. *Pacific Conservation Biology* **3**, 183-205.

- Woinarski JCZ, 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. *Rangeland Journal* **21**, 24-38.
- Woltmann S (2003) Bird community response to disturbance in a forestry concession in lowland Bolivia. *Biodiversity and Conservation* **12**, 1921-1936.
- Woolf JC, Mills LS, Christian D (2001) Effects of Ponderosa pine restoration on wildlife. *Intermountain Journal of Sciences* **7**, 131-132.
- Wooller RD, Brooker KS (1980) The effects of controlled burning on some birds of the understorey in karri forest. *Emu* **80**, 165-166.
- Wooller RD, Calver MC (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 HA, Bailey AW (1982) Wildlife. In 'Fire ecology United States and Canada'. (HA Wright, AW Bailey) pp. 49-79. (Wiley: New York)
- Yoder SE (1976) The relationship of avian species compositions, density, diversity, and foraging behavior to habitat parameters of fire-disturbed and mature chaparral. MS thesis, California State University Los Angeles, Los Angeles, CA.
- Zhijun W, Young SS (2003) Differences in bird diversity between two swidden agricultural sites in mountainous terrain, Xishuangbanna, Yunnan, China. *Biological Conservation* **110**, 231-243.
- Zimmerman JL (1992) Density-independent factors affecting the avian diversity of the tallgrass prairie community. *Wilson Bulletin* **104**, 85-94.
- Zimmerman JL (1997) Avian community responses to fire, grazing, and drought in the tallgrass prairie. In 'Ecology and conservation of Great Plains vertebrates'. (Eds FL Knopf, FB Samson) pp. 167-180. (Springer: New York)