

Curriculum Vitae

Oklahoma Biological Survey
University of Oklahoma
111 East Chesapeake St.
Norman, Oklahoma 73019

Michael A. Patten

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office: (405) 325-5061
fax: (405) 335-7702
e-mail: mpatten@ou.edu
web: <http://www.biosurvey.ou.edu/patten/index.html>

Professional Experience

2015–present **Professor**, Oklahoma Biological Survey, University of Oklahoma
2010–2015 **Associate Professor**, Oklahoma Biological Survey, University of Oklahoma
2006–present **Adjunct Professor**, Sam Noble Museum, University of Oklahoma
2005–2010 **Assistant Professor**, Oklahoma Biological Survey, University of Oklahoma
2004–present **Adjunct Professor**, Department of Zoology/Biology, University of Oklahoma
2003–2015 **Director of Research**, Sutton Avian Research Center, University of Oklahoma
1999–2000 **Statistician**, U.S. Geological Survey, Riverside, California
1992–1995 **Biologist**, Tierra Madre Consultants, Riverside, California
1991 **Staff Biologist**, Michael Brandman Associates, Irvine, California

Education

2001–2003 **Postdoctoral research**, Dartmouth College, Hanover, New Hampshire
Supervisor: Douglas T. Bolger, Environmental Studies Program
2001 **Ph.D., Biology**, University of California–Riverside
Dissertation: The roles of habitat and signalling in speciation: Evidence from a contact zone of two Song Sparrow (*Melospiza melodia*) subspecies. Advisor: John T. Rotenberry
1987 **B.S., Computer Science**, University of California–Riverside

Courses Taught	Level	University	Year(s)
Meta-analysis	graduate	University of Oklahoma	2014
Global Change Biology	undergraduate	University of Oklahoma	2005, 2006, 2007, 2009, 2012, 2014
Multivariate Statistics	graduate	University of Oklahoma	2008, 2010, 2012, 2014, 2016
Tropical Ecology	undergraduate/graduate	University of Oklahoma	2010, 2015
Phylogeography	undergraduate/graduate	University of Oklahoma	2010
Avian Ecology	graduate	University of Oklahoma	2004

Current Graduate Students 4 Ph.D. students; 2 M.S. student; 11 other advisory committees
Past Graduate Advisees Advisor (University of Oklahoma): Claire M. Curry (Ph.D. 2014), Daniel E. Dusang (M.S. 2011), David C. Hille (M.S. 2014), Lauren A. Wilkerson (M.S. 2011)
Post-docs Mentored Eyal Shochat, 2004–2006; Christin L. Pruett, 2006–2008; Lena C. Larsson, 2008–2010

Research

Books

2. Hamilton RA, Patten MA, Erickson RA (2007) *Rare Birds of California*. Western Field Ornithologists, San Diego, California. viii+ 596 pp.
1. Patten MA, McCaskie G, Unitt P (2003) *Birds of the Salton Sea: Status, Biogeography, and Ecology*. University of California Press, Berkeley. xi + 363 pp.

Peer-reviewed Papers

112. Patten MA, Burger JC (ms.) The joint probability of wildlife activity and human activity. *Ecological Applications*, in review.
111. Bried JT, Dvoretz D, Feng X, Hjalmarson EA, Jog S, Smith-Patten BD, White EL, Patten MA (ms.) Effects of multistate species occurrence on community gradient modeling, hypothesis testing, and bioassessment. *Journal of Applied Ecology*, in review.
110. Fritts SF, Grisham BA, Haukos DA, Boal CW, Patten MA, Wolfe DH, Dixon CE, Cox RD, Heck WR (ms.) Long-term evaluation of Lesser Prairie-Chicken nest ecology in response to grassland restoration at two spatial scales. *Journal of Wildlife Management*, in review.
109. Oyler-McCance SJ, DeYoung RW, Hagen CA, Johnson JA, Larsson LC, Patten MA (ms.) Rangewide genetic analysis of Lesser Prairie-Chicken reveals population structure, range expansion, and possible introgression. *Conservation Genetics*, in review.
108. Curry CM, Patten MA (ms.) Shadow of a doubt: premating and postmating isolating barriers in a temporally complex songbird (Passeriformes: Paridae) hybrid zone. *Behavioral Ecology and Sociobiology*, in review.
107. Smyth JF, Patten MA, Pruett CL (2015) The evolutionary ecology of a species ring: A test of alternative models. *Folia Zoologica* 64:234–245.
106. Wolfe DH, Larsson LC, Patten MA (2015) The Lesser Prairie-Chicken in the mixed-grass prairie of Oklahoma, Kansas, and Texas. *Studies in Avian Biology* 48:301–316.
105. Pyron RA, Costa GC, Patten MA, Burbrink FT (2015) Phylogenetic niche conservatism and the evolutionary basis of ecological speciation. *Biological Reviews* 90:1248–1262.
104. Winder VL, Carrlson KM, Gregory AJ, Hagen CA, Haukos DA, Kesler D, Larsson LC, McNew LB, Patten MA, Pitman JC, Powell LA, Smith J, Thompson T, Wolfe DH, Sandercock BK (2015) Lek sites drive female resource use in ten populations of prairie-chickens. *Ecosphere* 6(9):166.
103. Patten MA, Bried JT, Smith-Patten BD (2015) Survey data matter: Predicted niche of adult male vs. confirmed breeding Odonata. *Freshwater Science* 34:1114–1122.
102. Bried JT, Dillon AM, Hager BJ, Patten MA, Luttbeg B (2015) Criteria to infer species residency in adult dragonfly surveys. *Freshwater Science* 34:1105–1113.
101. Smith-Patten BD, Bridge ES, Crawford PHC, Hough DJ, Kelly JF, Patten MA (2015) Is extinction forever? *Public Understanding of Science* 24:481–495.
100. Patten MA (2015) Subspecies and the philosophy of science. *Auk: Ornithological Advances* 132:481–485.
99. Smith-Patten BD, Patten MA (2015) Beyond surrogacy—A multi-taxon approach to conservation biogeography. *Biotropica* 47:128–135.
98. Patten MA, Hartnett RN (2014) Explanation of residual variance is no cause for alarm. *Frontiers in Ecology and the Environment* 12:545.
97. Curry CM, Patten MA (2014) Current and historical extent of phenotypic variation in the Tufted and Black-crested Titmouse (Paridae) hybrid zone in the southern Great Plains. *American Midland Naturalist* 171:271–300.
96. Patten MA, Smith-Patten BD (2013) Odonata species of special concern for Oklahoma, USA. *International Journal of Odonatology* 16:327–350.
95. Patten MA, Smith-Patten BD (2013b) Two new species, *Lestes eurinus* Say and *L. forcipatus* Rambur, for Oklahoma, with comments on other vagrant *Lestes* recorded in the state (Zygoptera: Lestidae). *Notulae Odonatologicae* 8:29–32.
94. Larsson LC, Pruett CL, Wolfe DH, Patten MA (2013) Fine-scale habitat selection by the Lesser Prairie-Chicken. *Southwestern Naturalist* 58:135–149.
93. Patten MA, Smith-Patten BD (2012) Testing the microclimate hypothesis: Light environment and population trends of Neotropical birds. *Biological Conservation* 155:85–93.

92. Patten MA (2012) The White Ibis (*Eudocimus albus*) subspecies of South America. *Bulletin of the British Ornithologists' Club* 132:128–132.
91. Patten MA, Smith-Patten BD (2011) Predictors of occupancy trend across spatial scale. *Conservation Biology* 25:1203–1211.
90. Pruett CL, Johnson JA, Larsson LC, Wolfe DH, Patten MA (2011) Low effective population size constraints rapid demographic evolution in a grassland grouse. *Conservation Genetics* 12:1205–1214.
89. Patten MA, Reinking DL, Wolfe DH (2011) Hierarchical cues in brood parasite nest selection. *Journal of Ornithology* 151:521–532.
88. Patten MA, Gómez de Silva H, Ibarra AC, Smith-Patten BD (2011) An annotated list of the avifauna of Palenque, Chiapas. *Revista Mexicana de Biodiversidad* 82:515–537.
87. Patten MA, Smith-Patten BD (2011) "As if" philosophy—Conservation biology's real hope. *BioScience* 61:425–426.
86. Patten MA, Pruett CL, Wolfe DH (2011) Ecological aspects of diurnal home range size and movements of the Greater Prairie-Chicken. *Studies in Avian Biology* 39:51–62.
85. Wilson AG, Arcese P, Chan YL, Patten MA (2011) Micro-spatial genetic structure in song sparrows (*Melospiza melodia*). *Conservation Genetics* 12:213–222.
84. Patten MA, Kelly JF (2010) Habitat selection and the perceptual trap. *Ecological Applications* 20:2148–2156.
83. Bell LA, Fuhlendorf SD, Patten MA, Wolfe DH, Sherrod SK (2010) Lesser Prairie-Chicken hen and brood habitat use on sand shinnery oak. *Rangeland Ecology and Management* 63:478–486.
82. Marantz CA, Patten MA (2010) Quantifying subspecies analysis: A case study of morphometric variation and subspecies in the woodcreeper genus *Dendrocolaptes*. *Ornithological Monographs* 67:123–140.
81. Patten MA (2010) Null expectations in subspecies diagnosis. *Ornithological Monographs* 67:35–41.
80. Patten MA, Gómez de Silva Garza H, Smith-Patten BD (2010) Long-term changes in the bird community of Palenque, Chiapas, in response to rainforest loss. *Biodiversity and Conservation* 19:21–36.
79. Clark WS, Patten MA, Wilson JC (2009) Dark Sharp-shinned Hawk *Accipiter striatus* from California is melanistic. *Bulletin of the British Ornithologists' Club* 129:254–255.
78. Pruett CL, Patten MA, Wolfe DH (2009) Avoidance behavior by prairie grouse: Implications for wind energy development. *Conservation Biology* 23:1253–1259.
77. Wolfe DH, Patten MA, Sherrod SK (2009) Reducing grouse collision mortality by marking fences. *Ecological Restoration* 27:141–143.
76. Pruett CL, Patten MA, Wolfe DH (2009) It's not easy being green: Wind energy and a declining grassland bird. *BioScience* 59:257–262.
75. Patten MA, Pruett CL (2009) The Song Sparrow as a ring species: Patterns of geographic variation, a revision of subspecies, and implications for speciation. *Systematics and Biodiversity* 7:33–62.
74. Wilson AG, Arcese P, Keller LF, Pruett CL, Winker K, Patten MA, Chan Y (2009) The contribution of island populations to *in situ* genetic conservation. *Conservation Genetics* 10:419–430.
73. Patten MA (2009) 'Subspecies' and 'race' should not be used as synonyms. *Nature* 457:147.
72. Pruett CL, Arcese P, Chan YL, Wilson AG, Patten MA, Keller LF, Winker K (2008) Concordant and discordant signals between genetic data and described subspecies of Pacific coast Song Sparrows. *Condor* 110:359–364.
71. Pruett CL, Arcese P, Chan Y, Wilson A, Patten MA, Keller LF, Winker K (2008) The effects of contemporary processes in maintaining the genetic structure of western Song Sparrows (*Melospiza melodia*). *Heredity* 101:67–74.
70. Patten MA, Smith-Patten BD (2008) Biogeographical boundaries and Monmonier's algorithm: A case study in the northern Neotropics. *Journal of Biogeography* 35:407–416.
69. Smith-Patten BD, Patten MA (2008) Diversity, seasonality, and context of mammalian roadkills in

- the southern Great Plains. *Environmental Management* 41:844–852.
68. Patten MA (2008) The intersection of specialization and speciation. *Journal of Biogeography* 35:193–104.
 67. Patten MA, Shochat E, Wolfe DH, Sherrod SK (2007) Lekking and nesting response of the Greater Prairie-Chicken to burning of tallgrass prairie. *Proceedings of the Tall Timbers Fire Ecology Conference* 23:149–155.
 66. Smith-Patten BD, Patten MA, Dreiling MJ, Fisher J (2007) Phenology and new county records of Odonata of northeastern Oklahoma. *Publications of the Oklahoma Biological Survey* 8:1–13.
 65. Patten MA (2007) Geographic variation in calcium and clutch size. *Journal of Avian Biology* 38:637–643.
 64. Bell LA, Pitman JC, Patten MA, Wolfe DH, Sherrod SK, Fuhlendorf SD (2007) Juvenile Lesser Prairie-Chicken growth and development in southeast New Mexico. *Wilson Journal of Ornithology* 119:386–391.
 63. Beck E, Patten MA (2007) Status of the Black Rail in Oklahoma, with recommendations for future research. *Bulletin of the Oklahoma Ornithological Society* 40:5–10.
 62. Wolfe DH, Patten MA, Shochat E, Pruett CL, Sherrod SK (2007) Causes and patterns of mortality in Lesser Prairie-Chickens and implications for management. *Wildlife Biology* 13(S1):95–104.
 61. Sibley DA, Bevier LR, Patten MA, Elphick CS (2007) Ivory-billed or Pileated Woodpecker? *Science* 315:1495–1496.
 60. Patten MA, Reinking DL, Wolfe DH (2006) Avifauna of the Four Canyon Preserve, Ellis County, Oklahoma. *Publications of the Oklahoma Biological Survey* 7:11–20.
 59. Boarman WI, Patten MA, Camp RJ, Collis SJ (2006) Ecology of a population of subsidized predators: Common Ravens in the central Mojave Desert, California. *Journal of Arid Environments* 67:248–261.
 58. Patten MA (2006) Dispersal and vagrancy in the Pyrrhuloxia. *Western Birds* 37:37–44.
 57. Patten MA, Reinking DL (2006) An analysis of additions to the list of birds recorded in Oklahoma. *Bulletin of the Oklahoma Ornithological Society* 39:1–10.
 56. Patten MA, Shochat E, Reinking DL, Wolfe DH, Sherrod SK (2006) Habitat edge, land management, and rates of brood parasitism in tallgrass prairie. *Ecological Applications* 16:687–695.
 55. Sibley DA, Bevier LR, Patten MA, Elphick CS (2006) Comment on "Ivory-billed Woodpecker (*Campephilus principalis*) persists in continental North America." *Science* 311:1555a. (3 pp.)
 54. Patten MA, Wolfe DH, Shochat E, Sherrod SK (2005) Effects of microhabitat and microclimate selection on adult survivorship of the Lesser Prairie-Chicken. *Journal of Wildlife Management* 69:1270–1278.
 53. Shochat E, Patten MA, Morris DW, Reinking DL, Wolfe DH, Sherrod SK (2005) Ecological traps in isodars: Effects of tallgrass prairie management on bird nest success. *Oikos* 111:159–169.
 52. Patten MA, Wolfe DH, Shochat E, Sherrod SK (2005) Habitat fragmentation, rapid evolution and population persistence. *Evolutionary Ecology Research* 7:235–249.
 51. Bolger DT, Patten MA, Bostock DC (2005) Avian reproductive failure in response to an extreme climatic event. *Oecologia* 142:398–406.
 50. Shochat E, Wolfe DH, Patten MA, Reinking DL, Sherrod SK (2005) Tallgrass prairie management and bird nest success along roadsides. *Biological Conservation* 121:399–407.
 49. Patten MA, Rotenberry JT, Zuk M (2004) Habitat selection, acoustic adaptation, and the evolution of reproductive isolation. *Evolution* 58:2144–2155.
 48. Patten MA (2004) Correlates of species richness of North American bat families. *Journal of Biogeography* 31:975–985.
 47. Patten MA, McCaskie G (2004) Patterns and processes of the occurrence of pelagic and subtropical waterbirds at the Salton Sea. *Studies in Avian Biology* 27:33–41.
 46. Patten MA, Erickson RA, Unitt P (2004) Population changes and biogeographic affinities of the birds of the Salton Sink, California/Baja California. *Studies in Avian Biology* 27:24–32.

45. Garrett KL, Molina KC, Patten MA (2004) The history of ornithological exploration of the Salton Sink. *Studies in Avian Biology* 27:18–23.
44. Patten MA, Smith-Patten BD (2004) Linking the Salton Sea with its past: The history and avifauna of Lake Cahuilla. *Studies in Avian Biology* 27:12–17.
43. Patten MA, Bolger DT (2003) Variation in top-down control of avian reproductive success across a fragmentation gradient. *Oikos* 101:479–488.
42. Patten MA, Unitt P (2002) Diagnosability versus mean differences of Sage Sparrow subspecies. *Auk* 119:26–35.
41. Rothstein SI, Patten MA, Fleischer RC (2002) Phylogeny, specialization, and brood parasite-host coevolution: Some possible pitfalls of parsimony. *Behavioral Ecology* 13:1–10.
40. Howell SNG, Erickson RA, Hamilton RA, Patten MA (2001) An annotated checklist of the birds of Baja California and Baja California Sur. *Monographs in Field Ornithology* 3:171–203.
39. Patten MA, Mellink E, Gómez de Silva H, Wurster TE (2001) Status and taxonomy of the Colorado Desert avifauna of Baja California. *Monographs in Field Ornithology* 3:29–63.
38. Patten MA, Erickson RA (2001) Conservation value and rankings of exotic species. *Conservation Biology* 15:817–818.
37. Burger JC, Patten MA, Prentice TR, Redak RA (2001) Evidence of spider community resilience to invasion by non-native spiders. *Biological Conservation* 92:241–249.
36. Patten MA, Lasley GW (2000) Range expansion of the Glossy Ibis in North America. *North American Birds* 54:241–247.
35. Patten MA, Campbell KF (2000) Typological thinking and the conservation of subspecies: The case of the San Clemente Island Loggerhead Shrike. *Diversity and Distributions* 6:177–188.
34. Patten MA, Erickson RA (2000) Population fluctuations of the Harris' Hawk (*Parabuteo unicinctus*) and its reappearance in California. *Journal of Raptor Research* 34:187–195.
33. Garrison BA, Erickson RA, Patten MA, Timossi IC (2000) Accuracy of wildlife model predictions for bird species occurrences in California counties. *Wildlife Society Bulletin* 28:667–674.
32. Weeks R, Patten MA (2000) First Texas record of Yellow-footed Gull. *Texas Birds* 2:25–33.
31. Garrison BA, Erickson RA, Patten MA, Timossi IC (1999) California Wildlife Habitat Relationships system: Effects of county attributes on prediction accuracy for bird species. *California Fish and Game* 85:87–101.
30. Patten MA (1999c) A Bell's Vireo in far eastern Ohio, with a summary of its status in eastern North America. *Ohio Cardinal* 23:37–41.
29. Patten MA, Rotenberry JT (1999) The proximate effects of rainfall on clutch size of the California Gnatcatcher. *Condor* 101:876–880.
28. Patten MA, Brinkley ES (1999) The Black-browed Albatross in North America: First photographically documented record. *North American Birds* 53:228–231.
27. Patten MA, McCaskie G, Morlan J (1999) First record of the American Woodcock for California, with a summary of its status in western North America. *Western Birds* 30:156–166.
26. Erickson RA, Patten MA (1999) Identification and distribution of spiny pocket mice (*Chaetodipus*) in cismontane southern California. *Bulletin of the Southern California Academy of Sciences* 98:57–65.
25. Burger JC, Patten MA, Rotenberry JT, Redak RA (1999) Foraging ecology of the California Gnatcatcher deduced from an analysis of fecal samples. *Oecologia* 120:304–310.
24. Patten MA, Rotenberry JT (1998) Post-disturbance changes in a desert breeding bird community. *Journal of Field Ornithology* 69:614–625.
23. Campbell KF, Erickson RA, Haas WE, Patten MA (1998) California Gnatcatcher use of habitats other than coastal sage scrub: Conservation and management implications. *Western Birds* 29:421–433.
22. Patten MA, Campbell KF (1998) Has cowbird parasitism selected for earlier nesting by the California Gnatcatcher? *Western Birds* 29:290–298.
21. Patten MA, Burger JC (1998) Spruce Budworm outbreaks and the incidence of vagrancy in eastern

- North American wood-warblers. *Canadian Journal of Zoology* 76:433–439.
20. Patten MA, Fugate M (1998) Systematic relationships among the Emberizid sparrows. *Auk* 115:412–424.
 19. Patten MA, Bailey SF, Stallcup R (1998) First records of the White-winged Junco for California. *Western Birds* 29:41–48.
 18. Patten MA, Minnich RA (1997) Procellariiformes occurrence at the Salton Sea and in the Sonoran Desert. *Southwestern Naturalist* 42:303–312.
 17. Patten MA (1997) Reestablishment of a rodent community in restored desert scrub. *Restoration Ecology* 5:156–161.
 16. Patten MA, Wilson JC (1996) A dark-morph Sharp-shinned Hawk in California, with comments on dichromatism in raptors. *Bulletin of the British Ornithologists' Club* 116:266–270.
 15. Patten MA, Erickson RA (1996) Subspecies of the Least Tern in Mexico. *Condor* 98:888–890.
 14. Patten MA, Marantz CA (1996) Implications of vagrant southeastern vireos and warblers in California. *Auk* 113:911–923.
 13. Graves GR, Patten MA, Dunn JL (1996) Comments on a probable gynandromorphic Black-throated Blue Warbler. *Wilson Bulletin* 108:178–180.
 12. Heindel MT, Patten MA (1996) Eighteenth report of the California Bird Records Committee: 1992 records. *Western Birds* 27:1–29.
 11. Patten MA, Finnegan SE, Lehman PE (1995) Seventeenth report of the California Bird Records Committee: 1991 records. *Western Birds* 26:113–143.
 10. Patten MA, Unitt P, Erickson RA, Campbell KF (1995) Fifty years since Grinnell and Miller: Where is California ornithology headed? *Western Birds* 26:54–64.
 9. Erickson RA, Hamilton RA, Howell SNG, Pyle P, Patten MA (1995) First Marbled Murrelets and third Ancient Murrelet for Mexico. *Western Birds* 26:39–45.
 8. McCaskie G, Patten MA (1994) Status of the Fork-tailed Flycatcher (*Tyrannus savana*) in the United States and Canada. *Western Birds* 25:113–127.
 7. Patten MA, Campbell KF (1994) Late nesting of the California Gnatcatcher. *Western Birds* 25:110–111.
 6. Patten MA, Erickson RA (1994) Fifteenth report of the California Bird Records Committee. *Western Birds* 25:1–34.
 5. Patten MA (1993d) A probable bilateral gynandromorphic Black-throated Blue Warbler. *Wilson Bulletin* 105:695–698.
 4. Patten MA (1993c) First record of the Common Pochard for California. *Western Birds* 24:235–240.
 3. Patten MA, Radamaker K, Wurster TE (1993) Noteworthy observations from northeastern Baja California. *Western Birds* 24:89–93.
 2. Patten MA, Daniels BE (1991) First record of the Long-toed Stint for California. *Western Birds* 22:131–138.
 1. Patten MA, Radamaker K (1991) A fall record of the Sharp-tailed Sparrow for interior California. *Western Birds* 22:37–38.

Book or Series Chapters

16. Patten MA (2015) Black-faced Antthrush (*Formicarius analis*). In Schulenberg TS, ed. Neotropical Birds Online, Cornell Lab of Ornithology, Ithaca, N.Y.
15. Zuur AF, Patten MA, Ieno EN, Saveliev AA (2014) Bernoulli GAMM applied on cowbird brood parasitism. Pp. 241–254, in Zuur AF, Saveliev AA, Ieno EN, eds. *A Beginner's Guide to Generalised Additive Mixed Models* in R. Highland Statistics, Newburgh, Scotland.
14. Wolfe DH, Larsson LC, Oldenettel JR, Walker HA, Patten MA (2011) Status of populations of the White-tailed Ptarmigan at the southern edge of its range. Pp. 247–257 in Watson RT, Cade TJ, Fuller M, Hunt G, Potapov E, eds. *Gyrfalcons and Ptarmigan in a Changing World*. The Peregrine Fund,

Boise, Idaho.

13. Patten MA (2011) Olivaceous Woodcreeper (*Sittasomus griseicapillus*). In Schulenberg TS, ed. *Neotropical Birds* no. 359106, Cornell Lab of Ornithology, Ithaca, N.Y.
12. Patten MA (2010) Evolution and historical biogeography of a Song Sparrow ring in western North America. Pp. 329–342 in Pontarotti P, ed. *Evolutionary Biology — Concepts, Molecular and Morphological Evolution*. Springer, Berlin.
11. Patten MA, Smith-Patten BD (2009) Loss of tropical forest and avian extinction and decline: Predictions and research needs for central Africa. Pp. 55–72 in Kalipeni E, Kakoma I, Sanogo YO, Fawcett K, Warner RE, eds. *Turning Science into Action: Biodiversity Conservation and Natural Resources Management in Africa*. Africa World Press, Trenton, New Jersey.
10. Patten MA, Smith-Patten BD (2008) Black-crested Titmouse (*Baeolophus atricristatus*). No. 717 in Poole AF, ed. *The Birds of North America*. Cornell Laboratory of Ornithology, Ithaca, New York, and American Ornithologists' Union, Washington, D.C.
9. Burger JC, Patten MA, Rotenberry JT, Redak RA (2005) Patterns and processes of arthropod community succession after a fire. *U. S. Forest Service General Technical Report PSW-GTR-195:249–251*.
8. Patten MA, Burger JC, Prentice TR, Rotenberry JT, Redak RA (2005) Diptera community composition and succession following habitat disturbance by wildfire. *U. S. Forest Service General Technical Report PSW-GTR-195:245–248*.
7. Marantz CA, Alexio A, Bevier LR, Patten MA (2003) Family Dendrocolaptidae (woodcreepers). Pp. 358–447, in del Hoyo J, Elliott A, Christie D, eds. *Handbook of the Birds of the World*, vol. 8. Lynx Edicions, Barcelona.
6. Arcese P, Sogge MK, Marr AB, Patten MA (2002) Song Sparrow (*Melospiza melodia*). No. 704 in Poole AF, Gill FB, eds. *The Birds of North America*. Academy of Natural Sciences, Philadelphia, and American Ornithologists' Union, Washington, D.C.
5. Patten MA (1999a) Checklist of the birds of the Salton Sea. Appendix A, in Shuford WD, Warnock N, Molina KC. *The Avifauna of the Salton Sea: A Synthesis*. Point Reyes Bird Observatory, Stinson Beach, California.
4. Rotenberry JT, Patten MA, Preston KL (1999) Brewer's Sparrow (*Spizella breweri*). No. 390 in Poole AF, Gill FB, eds. *The Birds of North America*. Academy of Natural Sciences, Philadelphia, and American Ornithologists' Union, Washington, D.C.
3. Patten MA, Myers SJ, McGaugh C, Easton JR, Erickson RA (1998) *Perognathus longimembris* (Coues 1875), Little Pocket Mouse. Pp. 83–85, in Hafner DJ, Yensen E, Kirkland GL jr., eds. *North American Rodents: Status Surveys and Conservation Action Plan*. International Union for the Conservation of Nature and Natural Resources, Gland, Switzerland, and Cambridge, U.K.
2. Patten MA (1997a) The lessons of Catharus thrushes revisited. Pp. 139–143 in Dickerman RW, ed. *The Era of Allan R. Phillips: A Festschrift*. Horizon Communications, Albuquerque.
1. Patten MA (1996b) Yellow-footed Gull (*Larus livens*). No. 243, in Poole AF, Gill FB, eds. *The Birds of North America*. Academy of Natural Sciences, Philadelphia, and American Ornithologists' Union, Washington, D.C.

Book and Product Reviews

9. Patten MA, Smith-Patten BD (2010) Book review: *A Bird-Finding Guide to Costa Rica*. *Quarterly Review of Biology* 85:519.
8. Patten MA (2008) Book review: *Festschrift for Ned K. Johnson: Geographic Variation and Evolution in Birds*. *Western Birds* 39:228–230.
7. Zuk M, Patten MA (2000) A poor-will in your living room [Review of J. D. Ligon's *The Evolution of Avian Breeding Systems*]. *Trends in Ecology and Evolution* 15:214.
6. Patten MA (1999b) Book review: *The Wood Warblers: An Introductory Guide*. *Quarterly Review of*

Biology 74:480.

5. Patten MA, Howell SNG (1999) Book review: *Check-List of North American Birds*, 7th edition. *Western Birds* 30:177–180.
4. Patten MA (1996a) Journal review: *Hong Kong Bird Report*. *Birding* 28:66–67.
3. Patten MA (1995b) Status and distribution of California birds [Review of Arnold Small's *Birds of California*]. *Condor* 97:608–611.
2. Patten MA (1994) A bibliography and a "handbook": Two new publications essential for any reference library on Mexican avifauna. *Euphonia* 3:58–64.
1. Patten MA, Davidson D (1992) Software review: AviSys. *Birding* 24:254–256.

Other Scholarly Publications (chiefly natural history notes)

43. Patten MA, Smith-Patten BD (2015) The Saffron-winged Meadowhawk (*Sympetrum costiferum*) in Oklahoma. *Argia* 27(1):10–11.
42. Patten MA, Smith-Patten BD (2014) The Oklahoma Odonata Project: Progress and trends. *Argia* 26(4):19–25
41. Patten MA, Smith-Patten BD (2014) First record of the Seaside Dragonlet (*Erythrodiplax berenice*) for Oklahoma. *Argia* 26(3):17–18.
40. Patten MA, Smith-Patten BD (2013a) First record of the Marsh Bluet (*Enallagma ebrium*) for Colorado. *Argia* 25(3):26–27.
39. Smith-Patten BD, Patten MA (2013c) First records of the Western Pondhawk (*Erythemis collocata*) for Oklahoma. *Argia* 25(3):19–21.
38. Smith-Patten BD, Patten MA (2013b) Some Odonata from Belize. *Argia* 25(2):16–18.
37. Smith-Patten BD, Patten MA (2013) First record of the White-faced Meadowhawk (*Sympetrum obtrusum*) for Oklahoma, and a review of the status of the Cherry-faced Meadowhawk (*S. internum*) in the State. *Argia* 25(2):12–13.
36. Patten MA, Smith-Patten BD (2012) First record of the Atlantic Bluet (*Enallagma doubledayi*) for Oklahoma. *Argia* 24(4):16–17.
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30. Hamilton RA, Patten MA, Palacios E, Carmona R (2002) Baja California Peninsula, spring 2002. *North American Birds* 56:360–362.
29. Patten MA (2001b) A late November American Golden-Plover in western Mexico. *Cotinga* 15:59–60.
28. Patten MA (2000d) The changing seasons, summer 2000: Random trends and random thoughts. *North American Birds* 54:348–350.
27. Patten MA (2000c) The changing seasons, winter 1999/2000: Warm weather and cross-continental wonders. *North American Birds* 54:146–148.
26. Patten MA (2000b) Comments on hybrid teal. *Texas Birds* 2:34.
25. Patten MA (2000a) Who's laughing now? Comments on a colorful gull in Florida. *Birding* 32:263–265.
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- 1999:610–613.
23. Heindel MT, Patten MA (1998) California [Christmas Bird Count summary]. *American Birds* 1998:594–597.
 22. Patten MA (1998) Changing seasons, fall migration, August 1–November 30, 1997: Nora, El Niño, and vagrants from far afield. *Field Notes* 52:14–18.
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 20. Heindel MT, Patten MA (1997) California [Christmas Bird Count summary]. *National Audubon Society Field Notes* 51:694–696.
 19. Patten MA, Heindel MT (1995b) California [Christmas Bird Count summary]. *National Audubon Society Field Notes* 49:874–877.
 18. Patten MA, Heindel MT (1995a) Answers to the October photo quiz. *Birding* 27:475–481.
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 16. Patten MA, Heindel MT (1994) Identifying Trumpeter and Tundra Swans. *Birding* 26:306–318.
 15. Patten MA (1993e) Additional comments on the White-throated Sparrow in Baja California. *Euphonia* 2:102.
 14. Patten MA, Heindel MT (1993) California [Christmas Bird Count summary]. *American Birds* 48:1012–1015.
 13. Patten MA (1993b) Notes on immature Double-crested and Neotropic Cormorants. *Birding* 25:343–345.
 12. Patten MA (1993a) The White-throated Sparrow in Baja California. *Euphonia* 2:42–44.
 11. Terrill S, Able KP, Patten MA (1992) The changing seasons: Summer 1992. *American Birds* 47:1109–1111, 1182.
 10. Patten MA, Campbell KF (1992) California [Christmas Bird Count summary]. *American Birds* 47:1042–1044.
 9. Willick DR, Patten MA (1992) Finding the California Gnatcatcher in the U.S. *Birding* 24:234–239.
 8. Patten MA, Myers SJ (1992) Geographic distribution: *Bufo microscaphus californicus*. *Herpetological Review* 23:122.
 7. Patten MA, McCaskie G (1992) Answers to the February photo quiz. *Birding* 24:110–113.
 6. Marantz C, Patten MA (1992) Is it a Ring-necked Duck or . . . a Redhead?: Revisiting the April 1991 photo quiz. *Birding* 24:104–105.
 5. Patten MA (1992) An Eastern Phoebe in Sinaloa. *Euphonia* 1:12–13.
 4. Patten MA (1991b) An overview of the California Bird Records Committee. *Western Tanager* 58(2):7–9.
 3. Patten MA (1991a) An update from the California Bird Records Committee. *Western Birds* 22:95.
 2. Patten MA (1990) California [Christmas Bird Count summary]. *American Birds* 45:1030–1033.
 1. Rademaker K, Patten MA (1990) Pronounced bûrd. *Birding* 22:74–78.

Recent External Research Support

Biological surveys to determine the breeding range, habitat needs, and co-occurring faunal communities associated with the Black Rail (*Laterallus jamaicensis*) in Oklahoma, Oklahoma Department of Wildlife Conservation, 2016–2017 (\$23,616); PI.

Assessing effectiveness of adaptive recreation management strategies and evaluation of core NCCP habitat areas, Nature Reserve of Orange County, 2015–2017 (\$198,230); Subcontractor.

Status, distribution, and ecology of the Ozark Emerald (*Somatochlora ozarkensis*) and other springtime-emerging dragonflies of eastern Oklahoma, Oklahoma Department of Wildlife Conservation, 2013–2015 (\$90,000); Co-PI.

Population ecology and conservation of the Lesser Prairie-Chicken and its ecosystem, Oklahoma Department of Wildlife Conservation, 2012–2016 (\$574,979); PI.

Systematics of North American birds, *The Birds of North America*, Cornell Laboratory of Ornithology,

2007–present (\$143,400); PI.

Odonata of Oklahoma: Status, distribution, and biogeography, Oklahoma Biological Survey, 2010–2013 (\$16,632); Co-PI.

Distribution, abundance, and demography of Bachman's Sparrow in the Oklahoma Ranger District of Ouachita National Forest, United States Forest Service, 2010–2013 (\$32,074); Co-PI.

Journal editorship (*Condor*), Cooper Ornithological Society, 2008–2013 (\$494,326); PI.

Effects of human disturbance on mammal activity and occupancy in southern California, Irvine Ranch Conservancy, 2011–2012 (\$8,400); PI.

Interior Black Rail literature review, United States Fish and Wildlife Service, 2011–2012 (\$9,975); PI.

Distribution, ecology, and population genetics of the White-tailed Ptarmigan in New Mexico, New Mexico Department of Game and Fish, 2009–2012 (\$36,007); PI.

Current distribution and status of the Lesser Prairie-Chicken in Oklahoma, Oklahoma Department of Wildlife Conservation, 2009–2012 (\$58,781); PI.

Fence marking and removal in Texas to benefit Lesser Prairie-Chicken survival, United States Fish and Wildlife Service, 2009–2010 (\$30,700); PI.

Lesser Prairie-Chicken surveys in Ellis County, Oklahoma, and Lipscomb County, Texas, Berrendo Wind Energy, 2010 (\$22,869); PI.

Habitat Conservation Plan for the Whooping Crane and Lesser Prairie Chicken, American Wind Energy Association & Western EcoSystems Technology, 2009–2010 (\$31,923); Co-PI.

Lesser Prairie-Chicken surveys at potential wind energy sites, Arrowhead Energy, 2009 (\$7523); PI.

Conservation ecology of the Lesser Prairie-Chicken, National Fish and Wildlife Foundation, 2005–2009 (\$50,000); PI.

Monitoring the efficacy of fence marking to reduce mortality of the Lesser Prairie-Chicken in western Oklahoma, Wolf Creek Foundation, 2007–2008 (\$14,852); PI.

Spring migrant bird inventory and Lesser Prairie-Chicken survey on the Four Canyon Preserve, The Nature Conservancy, 2007 (\$3975); PI.

Voluntary removal and marking of selected fences in Beaver and Ellis Counties, Oklahoma, and Lipscomb County, Texas, to reduce collisions by Lesser Prairie-Chickens, United States Fish and Wildlife Service, Private Stewardship Grant, 2005–2007 (\$77,000); PI.

Avian inventory of the Four Canyon Preserve, The Nature Conservancy, 2005 (\$3481); PI.

Oklahoma Winter Bird Atlas, Oklahoma Department of Wildlife Conservation, 2004–2008 (\$163,000); Co-PI.

Fence marking and removal to reduce Lesser Prairie-Chicken mortality, United States Fish and Wildlife Service, Private Stewardship Grant, 2004–2007 (\$130,800); Co-PI.

Service – Editing and Reviewing

Systematics Editor, *The Birds of North America*, February 2007–present

Editorial Board, *Studies in Avian Biology*, July 2013–present

Editorial Board, *Collabra*, November 2015–present

Associate Editor, *Journal of Biogeography*, January 2007–December 2015

Editor-in-Chief, *Condor*, July 2008–June 2013

Associate Editor, *Western Birds*, August 2002–January 2008

Editor, *North American Birds*, November 1999–April 2001

Ad-hoc Manuscript Reviewer: *Acta Oecologica*, *African Journal of Biotechnology*, *American Midland Naturalist*, *American Naturalist*, *Avian Biology Research*, *Auk*, *Behavioral Ecology*, *Biodiversity and Conservation*, *Biological Conservation*, *Bird Study*, *BMC Biology*, *BMC Ecology*, *BMC Evolutionary Biology*, *Canadian Journal of Zoology*, *Condor*, *Conservation Biology*, *Ecography*, *Ecology*, *Ecology and Evolution*, *Ecosphere*, *Ecosystems*, *Endangered Species Research*, *Environmental Management*, *Environmental Monitoring and Assessment*, *Evolution*, *Evolutionary Applications*, *Evolutionary Ecology*, *Freshwater Science*, *Global Change Biology*, *Global Ecology and*

Biogeography, Heredity, Ibis, Integrative Zoology, Journal of Applied Ecology, Journal of Arid Environments, Journal of Animal Ecology, Journal of Avian Biology, Journal of Biogeography, Journal of Field Ornithology, Journal of Natural History, Journal of the Royal Society Interface, Journal of Wildlife Management, Landscape Ecology, North American Birds, Oecologia, Oikos, Ornithological Monographs, Ornitología Neotropical, PeerJ, PLoS ONE, Publications of the Oklahoma Biological Survey, Proceedings of the Colorado Plateau Research Station, Proceedings of the Indiana Academy of Science, Proceedings of the Royal Society B, Proceedings of the San Diego Society of Natural History, Proceedings of the Western Section of the Wildlife Society, Rangeland Ecology and Management, Rangelands, Revisita de Biología Tropical, Revista Mexicana de Biodiversidad, Southeastern Naturalist, Southwestern Naturalist, Studies in Avian Biology, Studies of Western Birds, Studies on Neotropical Fauna and Environment, Urban Ecosystems, Waterbirds, Western Birds, Wildlife Society Bulletin, Wilson Journal of Ornithology

Ad-hoc Proposal Reviewer: National Science Foundation, MacArthur Foundation, National Geographic Society, U.S. Fish and Wildlife Service, Fonds National de le Recherche Luxembourg, Hungarian Scientific Research Fund

Advisory

Member, Galliformes Specialist Group, IUCN, 2008–present

Technical Advisor, American Ornithologists' Union Checklist Committee, 2008–present

Research Associate, San Diego Natural History Museum, 1999–present

Member, Technical Committee, Oklahoma Important Bird Areas, 2006–2012

Member, Technical Advisory Committee, California Bird Species of Special Concern, 1998–2000

Chairperson and member, California Bird Records Committee, 1991–2002

Honors

Honorary Life Member, Cooper Ornithological Society, 2013

Fellow, American Ornithologists' Union, 2010