

## LITERATURE CITED

- ABARCA, F. J., M. F. INGRALDI, AND A. VARELA-ROMERO. 1993. Observaciones del perrito del desierto (*Cyprinodon macularius*), palmoteador de Yuma (*Rallus longirostris yumanensis*) y comunidades de aves playeras en la Ciénega de Santa Clara, Sonora México. Non-game and Endangered Wildlife Program Technical Report. Arizona Game and Fish Department, Phoenix, AZ.
- ABLE, K. P. 1977. The flight behaviour of individual passerine nocturnal migrants: A tracking radar study. *Animal Behaviour* 25: 924–935.
- ALBERS, M. T., AND F. R. GEHLBACH. 1990. Choices of feeding habitat by relict Montezuma Quail in central Texas. *Wilson Bulletin* 102: 300–308.
- ALLRED, K. 1988. A field guide to the flora of the Jornada plain. New Mexico State University. Agricultural Experiment Station. Las Cruces, NM.
- AMERICAN ORNITHOLOGISTS' UNION. 1998. Checklist of North American birds. Seventh Edition. American Ornithologists' Union. Washington, DC.
- ANDERSEN, D. C. 1994. Demographics of small mammals using anthropogenic desert riparian habitat in Arizona. *Journal of Wildlife Management* 58:445–454.
- ANDERSON, B. W., AND R. D. OHMART. 1977. Vegetation structure and bird use in the Lower Colorado River. Pp. 23–34 in R. R. Johnson, and D. A. Jones, Jr. (editors). Importance, preservation and management of riparian habitat: a symposium. USDA Forest Service General Technical Report RM-43. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, CO.
- ANDERSON, B. W., R. D. OHMART, AND J. RICE. 1983. Avian and vegetation community structure and their seasonal relationships in the Lower Colorado River Valley. *Condor* 85:392–405.
- ANDERSON, B. W., P. E. RUSSELL, AND R. D. OHMART. 2004. Riparian revegetation: an account of two decades of experience in the arid Southwest. Avvar Books, Blythe, CA.
- ANDERSON, D., J. KEITH, E. PALACIOS, E. VELARDE, F. GRESS, AND K. A. KING. 1999. El Niño 1997–98: Seabird responses from the southern California Current and Gulf of California. *Pacific Seabirds* 26:22.
- ANDERSON, D. R., AND K. P. BURNHAM. 2002. Avoiding pitfalls when using information-theoretic methods. *Journal of Wildlife Management* 66:912–918.
- ANDERSON, D. R., K. P. BURNHAM, AND G. C. WHITE. 1994. AIC model selection in over-dispersed capture-recapture data. *Ecology* 75:1780–1793.
- ANDREWARTHA, H. G., AND L. C. BIRCH. 1954. The distribution and abundance of animals. University of Chicago Press, Chicago, IL.
- ARIZMENDI, M. DEL C., AND L. MÁRQUEZ V. 2000. Areas de importancia para la conservación de las aves en México. CIPAMEX, Mexico City, Mexico.
- AUTOMOBILE CLUB OF SOUTHERN CALIFORNIA. 1998. Baja California: U.S. border to Cabo San Lucas. Map 2401. Los Angeles, CA.
- AVISE, J. C., AND D. WALKER. 1998. Pleistocene phylogeographic effects on avian populations and the speciation process. *Proceedings of the Royal Society B: Biological Sciences* 265:457–463.
- BAHRE, C. J. 1991. A legacy of change: historic human impact on vegetation in the Arizona borderlands. University of Arizona Press, Tucson, AZ.
- BAHRE, C. J. 1995. Human impacts on the grasslands of southeastern Arizona. Pp. 230–264 in M. P. McClaran, and T. R. Van Devender (editors). The desert grassland. University of Arizona Press, Tucson, AZ.
- BAHRE, C. J., AND C. F. HUTCHINSON. 2001. Historic vegetation change in la Frontera west of the Rio Grande. Pp. 67–83 in G. L. Webster, and C. J. Bahre (editors). Changing plant life of la Frontera: observations on vegetation in the United States/Mexico borderlands. University of New Mexico Press, Albuquerque, NM.
- BAHRE, C. J., AND R. A. MINNICH. 2001. Madrean oak woodlands along the Arizona/Sonora boundary. *Desert Plants* 17:3–14.
- BAHRE, C. J., AND M. L. SHELTON. 1993. Historic vegetation change, mesquite increases and climate in southeastern Arizona. *Journal of Biogeography* 20:489–504.
- BAILEY, V. 1905. Biological survey of Texas. North. American Fauna No. 25. Washington, DC.
- BAJA ALMANAC PUBLISHERS. 2003. Baja California almanac. Baja Almanac Publishers, Las Vegas, NV.
- BALLING, R. C. JR. 1988. The climate impact of a Sonoran Desert vegetation discontinuity. *Climate Change* 13:99–109.

- BALLING, R. C., AND G. B. GOODRICH. 2007. Analysis of drought determinants for the Colorado River Basin. *Climatic Change* 82: 179–184.
- BANCROFT, G. 1927a. Breeding birds of Scammons Lagoon, Lower California. *Condor* 29: 29–57.
- BANCROFT, G. 1927b. Notes on the breeding coastal and insular birds of central lower California. *Condor* 29:188–195.
- BARNETT, T., R. MALONE, W. PENNELL, D. STAMMER, B. SEMTNER, AND W. WASHINGTON. 2004. The effects of climate change on water resources in the West: introduction and overview. *Climatic Change* 62:1–11.
- BAUMGARTNER, J., T. COMENDANT, A. ERICKSON, J. HARDESTY, P. HARDY, M. HODGKINS, A. LEHNHOFF, M. LIPPARD, C. MACDONALD, AND B. NORTHRUP. 2006. Conservation by design: a strategic framework for mission success. The Nature Conservancy, Arlington, VA.
- BEASON, R. C. 1995. Horned Lark (*Eremophila alpestris*). In A. Poole, and F. Gill (editors). *The Birds of North America*, No. 195. The Academy of Natural Sciences, Philadelphia, PA and The American Ornithologists' Union, Washington, DC.
- BEERWINKLE, K. R., J. LOPEZ, J. D., J. A. WITZ, P. G. SCHLEIDER, R. S. EYSTER, AND P. D. LINGREN. 1994. Seasonal radar and meteorological observations associated with nocturnal insect flight at altitudes to 900 meters. *Environmental Entomology* 23:676–683.
- BENDER, D. J., T. A. CONTRERAS, AND L. FAHRIG. 1998. Habitat loss and population decline: a meta-analysis of the patch size effect. *Ecology* 79:517–533.
- BENKMAN, C. W., AND H. R. PULLIAM. 1988. The comparative feeding rates of North American sparrows and finches. *Ecology* 69: 1195–1199.
- BENSON, K. L. P., AND K. A. ARNOLD. 2001. The Texas breeding bird atlas. Texas A&M University System, College Station and Corpus Christi, TX. <<http://txtbba.tamu.edu>> (22 March 2008).
- BIBBY, C. J., N. D. BURGESS, D. A. HILL, AND S. MUSTOE. 2000. Bird census techniques. Second Edition. Academic Press, London, UK.
- BLENDINGER, P. G., AND R. A. OJEDA. 2001. Seed supply as a limiting factor for granivorous bird assemblages in the Monte Desert, Argentina. *Austral Ecology* 26:413–422.
- BOAL, C. W., T. S. ESTABROOK, AND A. E. DUERR. 2003. Productivity and breeding habitat of Loggerhead Shrikes in a southwestern urban environment. *Southwestern Naturalist* 48:557–562.
- BOCK, C. E., AND J. H. BOCK. 1988. Grassland birds in southeastern Arizona: impacts of fire, grazing, and alien vegetation. Pp. 43–58 in P. D. Goriup (editor). *Ecology and conservation of grassland birds*. International Council for Bird Preservation, Technical Publication No. 7, Cambridge, UK.
- BOCK, C. E., AND J. H. BOCK. 1999. Response of winter birds to drought and short-duration grazing in southeastern Arizona. *Conservation Biology* 13:1117–1123.
- BOCK, C. E., AND Z. F. JONES. 2004. Avian habitat evaluation: should counting birds count? *Frontiers in Ecology and the Environment* 2:403–410.
- BOCK, C. E., AND B. WEBB. 1984. Birds as grazing indicator species in southeastern Arizona. *Journal of Wildlife Management* 48:1045–1049.
- BOCK, C. E., Z. F. JONES, AND J. H. BOCK. 2008. The oasis effect: response of birds to exurban development in a southwestern savanna. *Ecological Applications* 18:1093–1106.
- BOCK, C. E., J. H. BOCK, W. R. KENNEY, AND V. M. HAWTHORNE. 1984. Responses of birds, rodents, and vegetation to livestock exclosure in a semidesert grassland site. *Journal of Range Management* 37:239–242.
- BOJÓRQUEZ-TAPIA, L. A., R. AGUIRRE, AND A. ORTEGA. 1985. Rio Yaqui watershed, northwestern Mexico: use and management. Pp. 475–478 in R. R. Johnson, C. D. Ziebell, P. F. Patton, P. F. Ffolliott, and R. E. Hamre (editors). *Riparian ecosystems and their management: reconciling conflicting issues*. USDA Forest Service General Technical Report RM-12., USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, CO.
- BOWERS, R. K., AND J. B. DUNNING. 1997. Buff-collared Nightjar (*Caprimulgus ridgwayi*). In A. Poole, P. Stettenheim, and F. Gill (editors). *The Birds of North America*, No. 267. The Academy of Natural Sciences, Philadelphia, PA and The American Ornithologists' Union, Washington, DC.
- BRANDT, H. W. 1940. Texas bird adventures. The Bird Research Foundation, Cleveland, OH.
- BRANDT, H. 1951. Arizona and its bird life. The Bird Research Foundation, Cleveland, OH.
- BRODRICK, H. 1960. Check-list of the birds of Big Bend National Park. Big Bend Natural History Association, Big Bend National Park, TX.
- BRODRICK, H., C. P. ALLEN, AND A. LE SASSIER. 1966. Check-list of Birds of Big Bend National Park. Big Bend Natural History Association, Big Bend National Park, TX.
- BROWN, D. 1982. Biotic communities of the America southwest United States and Mexico. *Desert Plants* 4:123–179.

- BROWN, D. E. (EDITOR). 1994. Biotic communities: southwestern United States and northwestern Mexico. University of Utah Press, Salt Lake City, UT.
- BROWN, D. E., P. J. UMACK, AND T. C. BRENNAN. 2007. Digitized map of biotic communities for plotting and comparing distributions of North American animals. *Southwestern Naturalist* 52:610–616.
- BROWN, H. 1900. The conditions governing bird life in Arizona. *Auk* 17:31–34.
- BROWN, H. 1904. Masked Bob-white (*Colinus ridgwayi*). *Auk* 21:209–213.
- BROWN, J. H. 1995. Macroecology. University of Chicago Press, Chicago, IL.
- BROWN, J. H., O. J. REICHMAN, AND D. W. DAVIDSON. 1979. Granivory in desert ecosystems. *Annual Review of Ecology and Systematics* 10:201–227.
- BROWN, S., C. HICKEY, B. HARRINGTON, AND R. GILL (EDITORS). 2001. The U.S. shorebird conservation plan, 2nd edition. Manomet Center for Conservation Sciences, Manomet, MA.
- BROWNING, K. A., AND R. WEXLER. 1968. The determination of kinematic properties of a wind field using Doppler radar. *Journal of Applied Meteorology* 7:105–113.
- BRUDERER, B. 1997. The study of bird migration by radar, Part 2: Major achievements. *Naturwissenschaften* 84:45–54.
- BRUSH, T. 2000. Nesting of Rose-throated Becard *Pachyramphus aglaiae* (Passeriformes: *Incertae sedis*) and Clay-colored Robin *Turdus grayi* (Passeriformes: Turdidae) in Hidalgo County, Texas. *Texas Journal of Science* 52:165–168.
- BRUSH, T. 2005. Nesting birds of a tropical frontier, the Lower Rio Grande Valley of Texas. Texas A&M University Press, College Station, TX.
- BRUSH, T., AND A. CANTU. 1998. Changes in the breeding bird community of subtropical evergreen forest in the Lower Rio Grande Valley of Texas, 1970s–1990s. *Texas Journal of Science* 50:123–132.
- BRUSH, T. In press. Range expansions and new breeding records of birds in Tamaulipas, Mexico. *Southwestern Naturalist* 53.
- BRYAN, K. B., AND J. KARGES. 2001. Recent changes to the Davis Mountains avifauna. *Texas Birds* 3:41–53.
- BRYCE, S. A., R. M. HUGHES, AND P. R. KAUFMANN. 2002. Development of a bird integrity index: using bird assemblages as indicators of riparian condition. *Environmental Management* 30:294–310.
- BUCKLEY, F. G., AND P. A. BUCKLEY. 1972. The breeding ecology of Royal Terns *Sterna (Thalasseus) maxima maxima*. *Ibis* 114: 344–359.
- BUCKLEY, F. G., AND P. A. BUCKLEY. 1974. Comparative feeding ecology of wintering adult and juvenile Royal Terns (Aves: Laridae: Sterninae). *Ecology* 55:1053–1063.
- BUCKLEY, P. A., AND F. G. BUCKLEY. 1977. Hexagonal packing of Royal Tern nests. *Auk* 94:36–43.
- BUCKLEY, P. A., AND F. G. BUCKLEY. 2002. Royal Tern (*Sterna maxima*). In A. Poole, and F. Gill (editors). *The Birds of North America*, No. 700. The Academy of Natural Sciences, Philadelphia, PA and The American Ornithologists' Union, Washington, DC.
- BUFFINGTON, L. C., AND C. H. HERBEL. 1965. Vegetational changes on a semidesert grassland range from 1858 to 1963. *Ecological Monographs* 35:139–164.
- BURNHAM, K. P., AND D. R. ANDERSON. 1998. Model selection and inference: a practical information-theoretic approach. Springer-Verlag, New York, NY.
- BURNHAM, K. P., AND W. S. OVERTON. 1979. Robust estimation of population size when capture probabilities vary among animals. *Ecology* 60:927–936.
- BÚRQUEZ, A. A., AND A. MARTÍNEZ-YRÍZAR. 2007. Conservation and landscape transformations in northwestern Mexico. Pp. 537–547 in R. S. Felger, and B. Broyles (editors). Dry borders: great nature reserves of the Sonoran Desert. University of Utah Press, Salt Lake City, UT.
- CADE, T. J., AND C. P. WOODS. 1997. Changes in distribution and abundance of the Loggerhead Shrike. *Conservation Biology* 11:21–31.
- CANTERBURY, G. E., T. E. MARTIN, D. R. PETIT, L. J. PETIT, AND D. F. BRADFORD. 2000. Bird communities and habitat as ecological indicators of forest condition in regional monitoring. *Conservation Biology* 14:544–558.
- CARLISLE, J. D., S. L. STOCK, G. S. KALTENECKER, AND D. L. SWANSON. 2004. Habitat associations, relative abundance and species richness of autumn land-bird migrants in southwestern Idaho. *Condor* 106:549–566.
- CARTRON, J.-L. E., G. CEBALLOS, AND R. S. FELGER (EDITORS). 2005. Biodiversity, ecosystems, and conservation in northern Mexico. Oxford University Press, New York, NY.
- CASTELLANOS, A., F. SALINAS, AND A. ORTEGA-RUBIO. 2001. Inventory and conservation of breeding waterbirds at Ojo de Liebre and Guerrero Negro Lagoons, Baja California Sur, Mexico. *Ciencias Marinas* 27:351–373.
- CHRISTENSEN, N. S., A. W. WOOD, N. VOISIN, D. P. LETTENMAIER, AND R. N. PALMER. 2004. The effect of climate change on the hydrology and water resources of the Colorado Basin. *Climatic Change* 62:337–363.

- CLEVELAND, C. J., M. BETKE, P. FEDERICO, J. D. FRANK, T. G. HALLAM, J. HORN, J. LÓPEZ, J. D., G. F. McCACKEN, R. A. MEDELLÍN, A. MORENO-VALDEZ, C. G. SANSONE, J. K. WESTBROOK, AND T. H. KUNZ. 2006. Economic value of the pest control service provided by Brazilian free-tailed bats in south-central Texas. *Frontiers in Ecology and the Environment* 4:238–243.
- COGSWELL, H. L. 1977. *Waterbirds of California*. University of California Press, Los Angeles, CA.
- COHN, J. P. 2007. The environmental impacts of a border fence. *BioScience* 57:96.
- COLEMAN, B. D., M. A. MARES, M. R. WILLIG, AND Y. HSIEH. 1982. Randomness, area and species richness. *Ecology* 63:1121–1133.
- COLLINS, C. T. 2006. Banding studies of Elegant Terns in southern California. *North American Bird Bander* 31:17–22.
- COLLINS, C. T., AND P. F. DOHERTY, JR. 2006. Survival estimates for Royal Terns in southern California. *Journal of Field Ornithology* 77:310–314.
- COLLINS, C. T., W. A. SCHEW, AND E. BURKETT. 1991. Elegant Terns breeding in Orange County, California. *American Birds* 45:393–395.
- CONANP. 2007. Plan de Conservación y Manejo de la Reserva de la Biosfera Alto Golfo de California y delta del Río Colorado. Comisión Nacional de Áreas Naturales Protegidas, México, D.F.
- CONLEY, W., AND M. R. CONLEY. 1984. New Mexico State University College Ranch and Jornada Experimental Range: a summary of research 1900–1983. Special report. New Mexico State Agricultural Experimental Station, Las Cruces, NM.
- CONWAY, C. 2002. Standardized protocols for monitoring marshbirds in North America. Arizona Cooperative Fish and Wildlife Research Unit, USGS and School of Renewable Natural Resources, University of Arizona, Tucson, AZ.
- CONWAY, C. J., AND J. P. GIBBS. 2005. Effectiveness of call-broadcast surveys for monitoring marshbirds. *Auk* 122:26–35.
- CONWAY, C. J., AND C. P. NADEAU. 2005. Effects of fire on Yuma Clapper Rails and California Black Rails, 2004 Annual Report. Wildlife Research Report Number 2005-01. Arizona Cooperative Fish and Wildlife Research Unit, Tucson, AZ.
- COOKE, W. W. 1915. Bird migration. *USDA Bulletin* 185:1–47.
- COOPER, B. A., A. A. STICKNEY, AND T. J. MABEE. 2004. A radar study of nocturnal bird migration at the proposed Chautauqua Wind Energy Facility, New York, Fall 2003: Final Report for Chautauqua Windpower LLC. ABR Inc. Environmental Research and Services, Forest Grove, OR.
- COPPEDGE, B. R., D. M. ENGLE, R. E. MASTERS, AND M. S. GREGORY. 2001. Avian response to landscape change in fragmented southern Great Plains grasslands. *Ecological Applications* 11:47–59.
- CORMAN, T. E., AND G. MONSON. 1995. First United States nesting records of the Streak-backed Oriole. *Western Birds* 26:49–53.
- CORMAN, T. E., AND C. WISE-GERVAIS (EDITORS). 2005. *Arizona breeding bird atlas*. University of New Mexico Press, Albuquerque, NM.
- COTERA, M., E. GUADARRAMA, J. BRENNER, A. M. ARANGO, M. E. GARCIA GARZA, G. P. BELL, S. YANOFF, T. SULLIVAN, S. NAJERA, P. GRONEMEYER, J. WEIGEL, J. KARGES, B. MCCREADY, D. MEHLMAN, J. BERGAN, J. KING, M. GALLYOUN, D. L. CERTAIN, R. POTTS, J. WRINKLE, J. BEZAURY, H. M. ARIAS, J. ATCHLEY MONTOYA, I. E. PARRA, E. MULDAVIN, T. NEVILLE, AND G. KITTEL. 2004. Ecoregional conservation assessment of the Chihuahuan Desert, 2nd edition. Pronatura Noreste, Monterrey, N.L., Mexico.
- CRUM, T. D., R. L. ALBERTY, AND D. W. BURGESS. 1993. Recording, archiving, and using WSR-88D data. *Bulletin of the American Meteorological Society* 74:645–653.
- CRUMPTON, L. S. 1991. *Baja explorer topographic atlas directory*. ALTI Publishing, La Jolla, CA.
- CRUMPTON, L. S. 1997. *Baja California Sur almanac: topographic maps*. Baja Almanac Publishers, Las Vegas, NV.
- CUETO, V. R., L. MARONE, AND J. LOPEZ DE CASENAVE. 2006. Seed preferences in sparrow species of the Monte Desert, Argentina: implications for seed-granivore interactions. *Auk* 123:358–367.
- DANEMANN, G. D., AND R. CARMONA. 2000. Breeding birds of the Guerrero Negro saltworks, Baja California Sur, Mexico. *Western Birds* 31:195–199.
- DANEMANN, G. D., AND J. R. GUZMAN. 1992. Notes on the birds of San Ignacio Lagoon, Baja California Sur, Mexico. *Western Birds* 23: 11–19.
- DAUBENMIRE, R. F. 1959. Canopy coverage method of vegetation analysis. *Northwest Scientist* 33:43–64.
- DAVIS, F., S. ANDELMAN, AND D. STOMS. 2002. SITES: an analytical toolbox for ecoregional planning. <Internet site:<http://www.biogeog.ucsb.edu/projects/tnc/toolbox.html> (9 April 2008).
- DAVIS, L. I. 1945. Yellow-green Vireo nesting in Cameron County, Texas. *Auk* 62:146.
- DAVIS, L. I. 1966. *Birds of the Rio Grande delta, an annotated checklist*. Published by the author, Austin, TX.

- DAVIS, L. I. 1974. Birds of the Rio Grande delta, an annotated checklist. Published by the author, Austin, TX.
- DAVIS, S. K. 2004. Area sensitivity in grassland passerines: effects of patch size, patch shape, and vegetation structure on bird abundance and occurrence in southern Saskatchewan. *Auk* 121:1130–1145.
- DEBANO, L. F. (EDITOR). 1995. Biodiversity and management of the Madrean Archipelago: the sky islands of southwestern United States and northwestern Mexico. USDA Forest Service General Technical Report RM-GTR-264. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, CO.
- DESANTE, D. F., AND T. L. GEORGE. 1994. Population trends in the landbirds of western North America. *Studies in Avian Biology* 15:173–190.
- DESMOND, M. J. 2004. Effects of grazing practices and fossorial rodents on a winter avian community in Chihuahua, Mexico. *Biological Conservation* 116:235–242.
- DESMOND, M. J., K. YOUNG, B. THOMPSON, R. VALDEZ, AND A. LAFÓN TERRAZAS. 2005. Habitat associations and conservation of grassland birds in the Chihuahuan Desert region: two case studies in Chihuahua Mexico. Pp. 439–451 in J. L. E. Carton, G. Ceballos, and R. S. Felger (editors). *Biodiversity, ecosystems and conservation in northern Mexico*. Oxford University Press, New York, NY.
- DIARIO OFICIAL DE LA FEDERACIÓN. 2002. Norma Oficial Mexicana NOM-059-ECOL-2001, Protección ambiental—especies nativas de México de flora y fauna silvestres—categorías de riesgo y especificaciones para su inclusión, exclusión o cambio-lista de especies en riesgo. Secretaría de Medio Ambiente y Recursos Naturales. México, D.F.
- DIAZ, M. 1990. Interspecific patterns of seed selection among granivorous passerines: effects of seed size, seed nutritive value and bird morphology. *Ibis* 132:467–476.
- DICK-PEDDIE, W. A. 1993. New Mexico vegetation: past, present, and future. University of New Mexico Press, Albuquerque, NM.
- DICK-PEDDIE, W. A., W. H. MOIR, AND R. SPELLENBERG. 1993. New Mexico vegetation: past, present, and future. University of New Mexico Press, Albuquerque, NM.
- DIEHL, R. H., AND R. P. LARKIN. 2005. Introduction to the WSR-88D (NEXRAD) for ornithological research. Pp. 876–888 in C. J. Ralph, and T. D. Rich (editors). *Bird conservation implementation and integration in the Americas: Proceedings of the Third International Partners in Flight Conference* 2002. USDA Forest Service General Technical Report PSW-GTR-191. USDA Forest Service, Pacific Southwest Research Station, Albany, CA. <[http://www.fs.fed.us/psw/publications/documents/psw\\_gtr191/Asilomar/pdfs/876-888.pdf](http://www.fs.fed.us/psw/publications/documents/psw_gtr191/Asilomar/pdfs/876-888.pdf)> (10 April 2008).
- DIENI, J. S., W. H. HOWE, S. L. JONES, P. MANZANO-FISCHER, AND C. P. MELCHER. 2003. New information on wintering birds of northwestern Chihuahua. *American Birds* 103:26–31.
- DINERSTEIN, E., D. OLSON, J. ATCHLEY, C. LOUCKS, S. CONTRERAS-BALDERAS, R. ABELL, E. IÑIGO, E. ENKERLIN, C. WILLIAMS, AND G. CASTILLEJA. 2000. *Ecoregion-based conservation in the Chihuahuan Desert: a biological assessment*. World Wildlife Fund, Washington, DC.
- DINSMORE, J. J., AND S. J. DINSMORE. 1993. Range expansion of Great-tailed Grackles in the 1900s. *Journal of the Iowa Academy of Science* 100:54–59.
- DOOLEY, J. L., AND M. A. BOWERS. 1998. Demographic responses to habitat fragmentation: experimental tests at the landscape and patch scale. *Ecology* 79:969–980.
- DUNNING, J. B., AND J. H. BROWN. 1982. Summer rainfall and winter sparrow densities: a test of the food limitation hypothesis. *Auk* 99: 123–129.
- ECTON, K. 2003. Spatial and temporal migration patterns of Wilson's Warblers revealed by stable hydrogen isotopes. M.S. thesis, Northern Arizona University, Flagstaff, AZ.
- EDDLEMAN, W. R. 1989. Biology of the Yuma Clapper Rail in the southwestern U.S. and northwestern México. Final Report. Intra-Agency of Agreement No. 4-AA-30-02060. U.S. Bureau of Reclamation, Yuma Projects Office, Yuma, AZ.
- EDDLEMAN, W. R., AND C. J. CONWAY. 1998. Clapper Rail (*Rallus longirostris*). In A. Poole, and F. Gill (editors). *The Birds of North America*, No. 340. The Academy of Natural Sciences, Philadelphia, PA and The American Ornithologists' Union, Washington, DC.
- EITNIAR, J. C. 1997. White-collared Seedeater (*Sporophila torqueola*). In A. Poole, and F. Gill (editors). *The Birds of North America*, No. 278. The Academy of Natural Sciences, Philadelphia, PA and The American Ornithologists' Union, Washington, DC.
- EITNIAR, J. C. 2004. Diet of the white-collared seedeater *Sporophila torqueola* (Passeriformes: Emberizidae) in Texas. *Texas Journal of Science* 56:77–80.
- ELLISON, K., AND S. G. SEALY. 2007. Small hosts infrequently disrupt laying by Brown-headed

- Cowbirds and Bronzed Cowbirds. *Journal of Field Ornithology* 78:379–389.
- ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE. 1990. PC ARC/INFO Version 3.2. Environmental Systems Research Institute, Redlands, CA.
- ERWIN, R. M. 1977. Foraging and breeding adaptations to different food regimes in three seabirds: Common Tern, *Sterna hirundo*, Royal Tern, *S. maxima*, and Black Skimmer, *Rynchops niger*. *Ecology* 58:389–397.
- ERWIN, R. M. 1979. Species interactions in a mixed colony of Common Terns, *Sterna hirundo*, and Black Skimmers, *Rynchops niger*. *Animal Behaviour* 27:1054–1062.
- ESCALANTE, T., G. RODRÍGUEZ, AND J. J. MORRONE. 2004. The diversification of Nearctic mammals in the Mexican transition zone. *Biological Journal of the Linnean Society* 83: 327–339.
- EVERETT, W. T., AND D. W. ANDERSON. 1991. Status and conservation of the breeding seabirds of offshore Pacific Islands of Baja California and the Gulf of California. Pp. 115–139 in J. P. Croxall (editor), *Seabird status and conservation: a supplement*. ICBP Technical Publication 11. International Council for Bird Preservation, Cambridge, UK.
- FARLEY, G. H., L. M. ELLIS, J. N. STUART, AND N. J. SCOTT. 1994a. Avian species richness in different-aged stands of riparian forest along the middle Rio Grande, New Mexico. *Conservation Biology* 8:1098–1108.
- FARLEY, G. H., L. M. ELLIS, J. N. STUART, AND N. J. SCOTT. 1994b. Birds of restored and mature riparian woodlands in the middle Rio Grande Valley. *New Mexico Ornithological Society Bulletin* 22:25–33.
- FELGER R. S., B. BROYLES, M. F. WILSON, G. P. NABHAN, AND D. S. TURNER. 2007. Six grand reserves, one grand desert. Pp. 3–26 in R. S. Felger, and B. Broyles (editors). *Dry borders: great nature reserves of the Sonoran Desert*. University of Utah Press, Salt Lake City, UT.
- FINCH, D. M. (EDITOR). 2004. Assessment of grassland ecosystem conditions in the southwestern United States, Volumes 1 and 2. USDA Forest Service General Technical Report RMRS-GTR-135. USDA Forest Service, Rocky Mountain Research Station, Fort Collins, CO.
- FINCH, D. M., AND W. YONG. 2000. Landbird migration in riparian habitats of the Middle Rio Grande: a case study. *Studies in Avian Biology* 20:88–98.
- FLEISHMAN, E., G. T. AUSTIN, P. F. BRUSSARD, AND D. D. MURPHY. 1999. A comparison of butterfly communities in native and agricultural riparian habitats in the Great Basin, USA. *Biological Conservation* 89:209–218.
- FLEISHMAN, E., N. McDONALD, R. MACNALLY, D. D. MURPHY, J. WALTERS, AND T. FLOYD. 2003. Effects of floristics, physiognomy, and non-native vegetation on riparian bird communities in a Mojave Desert watershed. *Journal of Animal Ecology* 72:484–490.
- FLESCH, A. D. 1997. Distribution and abundance of breeding grassland birds on the Buenos Aires National Wildlife Refuge: a monitoring program. Report prepared for USDI Fish and Wildlife Service, Sasabe, AZ.
- FLESCH, A. D. 2003. Distribution, abundance, and habitat of Cactus Ferruginous Pygmy-Owls in Sonora Mexico. M.S. thesis, University of Arizona, Tucson, AZ.
- FLESCH, A. D. 2008. Status and population size of breeding grassland birds on Rancho Los Fresnos, northern Sonora, Mexico. Report. School of Natural Resources, University of Arizona, Tucson, AZ.
- FLESCH, A. D., AND L. A. HAHN. 2005. Distribution of birds and plants at the western and southern edges of the Madrean Sky Islands in Sonora, Mexico. Pp. 80–87 in G. J. Gottfried, B. Gebow, L. G. Eskew, and E. Carleton (editors). *Connecting mountain islands and desert seas: biodiversity and management of the Madrean Archipelago II*. USDA Forest Service General Technical Report RMRS-P-36. USDA Forest Service, Rocky Mountain Research Station, Ft. Collins, CO.
- FLESCH, A. D., AND R. J. STEIDL. 2006. Population trends and implications for monitoring Cactus Ferruginous Pygmy-Owls in northern Mexico. *Journal of Wildlife Management* 70:867–871.
- FLESCH, A. D., AND R. J. STEIDL. 2007. Detectability and response rates of Ferruginous Pygmy-Owls. *Journal of Wildlife Management* 71: 981–990.
- FORD, H. A., N. FORDE, AND S. HARRINGTON. 1982. Non-destructive methods to determine the diets of birds. *Corella* 6:6–10.
- FREDRICKSON, E., K. M. HAVSTAD, R. ESTELL, AND P. HYDER. 1998. Perspectives on desertification: southwestern United States. *Journal of Arid Environments* 39:191–207.
- FRETTWELL S. D. 1972. *Populations in a seasonal environment*. Princeton University Press, Princeton, NJ.
- FUERTES, L. A. 1903. With the Mearns's Quail in southwestern Texas. *Condor* 5:113–116.
- GALLOP, F. N., AND B. H. BAILEY. 1960. Elegant and Royal Terns nesting in California. *Condor* 62:65–66.
- GARCÍA-HERNÁNDEZ, J., O. HINOJOSA-HUERTA, E. GLENN, D. BAUMGARTNER, S. DESTEFANO, AND W. SHAW. 1999. Impacts of salinity increase

- in the bypass drain (MODE) on the ecology of the Cienega de Santa Clara wetland. Report to USDI, Bureau of Reclamation, Yuma Office. Yuma, AZ.
- GARRETT, K., AND J. DUNN. 1981. The Birds of southern California. Los Angeles Audubon Society, Los Angeles, CA.
- GARZA-TORRES, H. A., J. R. HERRERA-HERRERA, G. ESCALONA-SEGURE, J. A. VARGAS-CONTRERAS, AND A. G. NAVARRO-S. 2003. New bird records from Tamaulipas, Mexico. *Southwestern Naturalist* 48:707–710.
- GATZ, T. A., M. D. JAKLE, R. L. GLINSKI, AND G. MONSON. 1985. First nesting record and current status of the Black-shouldered Kite in Arizona. *Western Birds* 16:57–61.
- GAUTHREAUX, S. A., AND C. G. BELSER. 1998. Displays of bird movements on the WSR-88D: patterns and quantification. *Weather and Forecasting* 13:453–464.
- GAUTHREAUX, S. A., C. G. BELSER, AND D. VAN BLARICOM. 2003. Using a network of WSR-88D weather surveillance radars to define patterns of bird migration at large spatial scales. Pp. 335–346 in P. Berthold, E. Gwinner, and E. Sonnenschein (editors). *Avian migration*. Springer-Verlag, Berlin, Germany.
- GIBBENS, R. P., AND R. F. BECK. 1988. Changes in grass basal area and forb densities over a 64-year period on grassland types of the Jornada Experimental Range. *Journal of Range Management* 41:186–192.
- GIBBENS, R. P., J. M. TROMBLE, J. T. HENNESY, AND M. CARDENAS. 1983. Soil movement in mesquite dune lands and former grass grasslands of southern New Mexico from 1933 to 1980. *Journal of Range Management* 36: 145–148.
- GIBBENS, R. P., R. P. MCNEELY, K. M. HAVSTAD, R. F. BECK, AND B. NOLEN. 2005. Vegetation changes in the Jornada Basin from 1858 to 1998. *Journal of Arid Environments* 61: 651–668.
- GIBBS, J. P. 1995. Users manual for MONITOR 6.2. Yale University, New Haven, CT.
- GINTER, D. L., AND M. J. DESMOND. 2005. Influence of foraging and roosting behavior on home-range size and movement patterns of Savannah Sparrows wintering in south Texas. *Wilson Bulletin* 117:63–71.
- GLENN, E. P., AND P. L. NAGLER. 2005. Comparative ecophysiology of *Tamarix ramosissima* and native trees in western U.S. riparian zones. *Journal of Arid Environments* 61:419–446.
- GLENN, E. P., C. LEE, R. FELGER, AND S. ZENGEL. 1996. Effects of water management on the wetlands of the Colorado River delta, Mexico. *Conservation Biology* 10:1175–1186.
- GLENN, E. P., F. ZAMORA-ARROYO, P. L. NAGLER, M. BRIGGS, W. SHAW, AND K. FLESSA. 2001. Ecology and conservation biology of the Colorado River delta, Mexico. *Journal of Arid Environments* 49:5–15.
- GLÜCK, E. E. 1985. Seed preference and energy intake of Goldfinches *Carduelis carduelis* in the breeding season. *Ibis* 127:421–429.
- GÓMEZ DE SILVA, H. 2004. Mexico. *North American Birds* 58:607–610.
- GÓMEZ DE SILVA, H. 2007. The nesting season; Mexico. *North American Birds* 60:584–587.
- GOODWIN, S. L. 2000. Conservation connections in a fragmented desert environment: the U.S.-Mexico border. *Natural Resource Journal* 40:898–1016.
- GORDON, C. E. 2000. Movement patterns of wintering grassland sparrows in Arizona. *Auk* 117:748–759.
- GRAHAM, C. H., AND J. G. BLAKE. 2001. Influence of patch- and landscape-level on bird assemblages in a fragmented tropical landscape. *Ecological Applications* 11:1709–1721.
- GRANT, P. R. 1966. Preliminary experiments on the foraging of closely related species of birds. *Ecology* 47:148–151.
- GREENBERG, R. 1995. Insectivorous migratory birds in tropical ecosystems: the breeding currency hypothesis. *Journal of Avian Biology* 26:260–264.
- GREENBERG, R., P. BICHIER, AND J. STERLING. 1997. Acacia, cattle and migratory birds in southeastern Mexico. *Biological Conservation* 80: 235–247.
- GREGORY, S. V., F. J. SWANSON, W. A. MCKEE, AND K. W. CUMMINS. 1991. An ecosystem perspective of riparian zones. *BioScience* 41:540–551.
- GREIG-SMITH, P. W., AND D. R. CROCKER. 1986. Mechanisms of food size selection by bullfinches (*Pyrrhula pyrrhula* L.) feeding on sunflower seeds. *Animal Behaviour* 34:843–859.
- GREIG-SMITH, P. W., AND M. F. WILSON. 1985. Influence of seed size, nutrient composition and phenolic content on the preference of bullfinches feeding in ash trees. *Oikos* 44: 47–54.
- GRINNELL, J. 1928. A distributional summation of the ornithology of Lower California. *University of California Publications in Zoology* 32:1–300.
- GRINNELL, J., AND A. H. MILLER. 1944. The distribution of the birds of California. *Pacific Coast Avifauna* 27:1–608.
- GRISCOM, L., AND M. S. CROSBY. 1926. Birds of the Brownsville region, southern Texas. *Auk* 43: 18–36.
- GROSCHUPE, K. 1994. Current status of Five-striped Sparrow in Arizona. *Western Birds* 25:192–197.

- GROSS, K. L., AND K. A. RENNER. 1989. A new method for estimating seed numbers in the soil. *Weed Science* 37:836–839.
- GROVES, C. 2003. Drafting a conservation blueprint: A practitioner's guide to planning for biodiversity. Island Press, Washington, DC.
- GROVES, C., L. VALUTIS, D. VOSICK, B. NEELY, K. WHEATON, J. TOUVAL, AND B. RUNNELS. 2000. Designing a geography of hope: a practitioner's handbook to ecoregional conservation planning, second edition. The Nature Conservancy, Arlington, VA.
- GRZYBOWSKI, J. A. 1982. Population structure in grassland bird communities during winter. *Condor* 84:137–152.
- GRZYBOWSKI, J. A. 1983. Sociality of grassland birds during winter. *Behavioral Biology and Sociobiology* 13:211–219.
- GUTIÉRREZ-LACAYO, M., AND O. HINOJOSA-HUERTA. 2007. Manual de Adquisición de Derechos de Agua en el delta del Río Colorado. Technical Publication of Pronatura Noroeste. San Luis Río Colorado, Sonora, México.
- GUTZWILLER, K. J., AND W. C. BARROW. 2002. Does bird community structure vary with landscape patchiness? A Chihuahuan Desert perspective. *Oikos* 98:284–298.
- HALFFTER, G. 1987. Biogeography of the montane entomofauna of Mexico and Central America. *Annual Review in Entomology* 32:95–114.
- HARPER, J. L., P. H. LOVELL, AND K. G. MOORE. 1970. The shapes and sizes of seeds. *Annual Review of Ecology and Systematics* 1: 327–356.
- HAVSTAD, K. M., J. E. HERRICK, AND W. H. SCHLESINGER. 2000. Desert rangelands, degradation and nutrients. Pp. 77–87 in O. Arnalds, and S. Archer (editors). *Rangeland desertification*. Kluwer Academic Publishers, Dordrecht, The Netherlands.
- HEALD, W. F. 1993. The Chiricahuas sky island. Bantlin Publishers, Tucson, AZ.
- HEGLUND, P. J., AND S. K. SKAGEN. 2005. Ecology and physiology of en route Nearctic–Neotropical migratory birds: a call for collaboration. *Condor* 107:193–196.
- HELZER, C. J., AND D. E. JELINSKI. 1999. The relative importance of patch area and perimeter-area ratio to grassland breeding birds. *Ecological Applications* 9:1448–1458.
- HENDERSON, C. B. 1990. The influence of seed appärence, nutrient content and chemical defenses on dietary preference in *Dipodomys ordii*. *Oecologia* 82:333–341.
- HERKERT, J. R. 1994. The effects of habitat fragmentation on midwestern grassland bird communities. *Ecological Applications* 4: 461–471.
- HERKERT, J. R., AND F. L. KNOPF. 1998. Research needs for grassland bird conservation. Pp. 273–282 in J. M. Marzluff, and R. Sallabanks (editors) *Avian conservation: research and management*. Island Press, Washington, DC.
- HERRICK, J. E., K. M. HAVSTAD, AND D. P. COFFIN. 1997. Rethinking remediation technologies for desertified landscapes. *Journal of Soil and Water Conservation* 52:220–225.
- HIGGINS, J., R. UNNASCH, AND C. SUPPLES. 2007. Ecoregional status measures version 1.0: framework and technical guidance to estimate effective conservation. The Nature Conservancy, Arlington, VA.
- HINES, J. E. 1996. SPECRICH software to compute species abundance from empirical species abundance distribution data. USGS Patuxent Wildlife Research Center, Patuxent, MD. <<http://www.mbr-pwrc.usgs.gov/software/specrich.html>> (5 April 2008).
- HINOJOSA-HUERTA, O. 2000. Abundance, distribution, and habitat use of the Yuma Clapper Rail (*Rallus longirostris yumanensis*) in the Colorado River delta, Mexico. M.S. thesis, University of Arizona, Tucson, AZ.
- HINOJOSA-HUERTA, O., S. DESTEFANO, AND W. SHAW. 2001. Abundance and distribution of the Yuma Clapper Rail (*Rallus longirostris yumanensis*) in the Colorado River delta, Mexico. *Journal of Arid Environments* 49: 171–182.
- HINOJOSA-HUERTA, O., J. GARCÍA-HERNÁNDEZ, Y. CARRILLO-GUERRERO, AND E. ZAMORA-HERNÁNDEZ. 2007. Hovering over the Alto Golfo: status and conservation of birds from the Rio Colorado to the Gran Desierto. Pp. 383–407 in R. S. Felger, and B. Broyles (editors). *Dry borders: great natural areas of the Sonoran Desert*. University of Utah Press, Salt Lake City, UT.
- HINOJOSA-HUERTA, O., M. GUTIÉRREZ-LACAYO, Y. CARRILLO-GUERRERO, AND F. ZAMORA-ARROYO. 2007. Water acquisition for wetland restoration in the Colorado River delta. Final Report from Pronatura Noroeste presented to the USDI Fish and Wildlife Service, Grant MX-N391. San Luis Río Colorado, Sonora, México.
- HINOJOSA-HUERTA, O., Y. CARRILLO-GUERRERO, S. DESTEFANO, W. SHAW, AND C. VALDÉS-CASILLAS. 2004. Waterbird communities and associated wetlands of the Colorado River delta, Mexico. *Studies in Avian Biology* 27: 52–60.
- HINOJOSA-HUERTA, O., H. ITURRIBARRÍA-ROJAS, Y. CARRILLO-GUERRERO, M. DE LA GARZA-TREVÍNO, AND E. ZAMORA-HERNÁNDEZ. 2004.

- Bird conservation plan for the Colorado River delta. Pronatura Noroeste, Dirección de Conservación Sonora. San Luis Río Colorado, Sonora, México.
- HOLDERMANN, D. A., S. SOROLA, JR., AND R. SKILES. 2007. Recent photo and audio-documentation of Montezuma Quail from the Chisos Mountains, Big Bend National Park (BBNP), Texas. *Bulletin of the Texas Ornithological Society* 40:62–67.
- HOLMES, R. T., AND T. W. SHERRY. 2001. Thirty-year bird population trends in an unfragmented temperate deciduous forest: importance of habitat change. *Auk* 118:589–609.
- HORN, M. H., P. A. COLE, AND W. E. LOEFFLER. 1996. Prey resource base of the tern and skimmer colonies at the Bolsa Chica Ecological Reserve, Orange County, and the Western Saltworks, south San Diego Bay. Final Report to USDI Fish and Wildlife Service, Carlsbad, CA.
- HORN, M. H., W. E. LOEFFLER, J. F. WILSON, AND P. A. COLE. 1994. Monitoring of foraging patterns of terns and skimmers at the Bolsa Chica Ecological Reserve in 1994. Final Report to USDI Fish and Wildlife Service, Carlsbad, CA.
- HOWELL, A. B. 1917. Birds of the islands off the coast of southern California. *Pacific Coast Avifauna* 12:1–127.
- HOWELL S. N. G., AND S. WEBB. 1995. A guide to the birds of Mexico and northern Central America. Oxford University Press, New York, NY.
- HUBBARD, J. P. 1971. The summer birds of the Gila Valley, New Mexico. *Neumoria Occasional Papers of the Delaware Museum of Natural History* 2:1–35.
- HUNT, C. 1985. The need for riparian habitat protection. *National Wetlands Newsletter* 7:5–8.
- HUTTO, R. L. 1980. Winter habitat distribution of migratory land birds in western Mexico, with special reference to small foliage-gleaning insectivores. Pp. 181–203 in A. E. Keast, and E. S. Morton (editors). *Migrant birds in the Neotropics*. Smithsonian Institution Press, Washington, DC.
- HUTTO, R. L. 1985. Habitat selection by non-breeding, migratory land birds. Pp. 455–476 in M. L. Cody (editor). *Habitat selection in birds*. Academic Press, Inc., Orlando, FL.
- HUTTO, R. L. 1995. Can patterns of vegetation change in western Mexico explain population trends in western neotropical migrants? Pp. 48–58 in M. H. Wilson, and S. A. Sader (editors). *Conservation of neotropical migratory birds in Mexico*. Maine Agricultural and Forest Experiment Station, Misc. Publ. 727. Orono, ME.
- HUTTO, R. L. 1998. On the importance of stopover sites to migrating birds. *Auk* 115:823–825.
- HUTTO, R. L. 2000. On the importance of enroute periods to the conservation of migratory landbirds. *Studies in Avian Biology* 20: 109–114.
- HUTTO, R. L., S. M. PLETSCHET, AND P. HENDRICKS. 1986. A fixed-radius point count method for nonbreeding and breeding season use. *Auk* 103:593–602.
- HYLANDER, K. 2006. Riparian zones increase regional species richness by harboring different, not more, species: comment. *Ecology* 87:2126–2128.
- HYRENBACH, K. D., AND R. R. VEIT. 2003. Ocean warming and seabird communities of the southern California Current System (1987–98): response at multiple temporal scales. *Deep-Sea Research II* 50:2537–2565.
- IGL, L. D., AND B. M. BALLARD. 1999. Habitat associations of migrating and over wintering grassland birds in southern Texas. *Condor* 101:771–782.
- INEGI. 2000. *Síntesis de Información Geográfica del Estado de Sonora*, Second edition. Instituto Nacional de Estadística, Geografía e Informática INEGI, Aguascalientes, Ags. México.
- INTERNATIONAL BOUNDARY AND WATER COMMISSION. 2007. Colorado River at southerly international boundary. <<http://www.ibwc.state.gov/wad/ddqsibco.htm>> (14 April, 2008).
- JOHNSON, D. H. 1980. The comparison of usage and availability measurements for evaluating resource preference. *Ecology* 61:65–71.
- JOHNSON, M. D., A. M. STRONG, AND T. W. SHERRY. 2006. Migrants in tropical bird communities: the balanced breeding limitation hypothesis. *Journal of Avian Biology* 37:229–237.
- JOHNSON, M. D., T. W. SHERRY, A. M. STRONG, AND A. MEDORI. 2005. Migrants in Neotropical bird communities: an assessment of the breeding currency hypothesis. *Journal of Animal Ecology* 74:333–341.
- JOHNSON, N. K. 1994. Pioneering and natural expansion of breeding distributions in western North American birds. *Studies in Avian Biology* 15:27–44.
- JONES, Z. F., AND C. E. BOCK. 2002. Conservation of grassland birds in an urbanizing landscape: a historical perspective. *Condor* 104: 643–651.
- JORNADA BASIN LONG TERM ECOLOGICAL RESEARCH NETWORK. 2006. Jornada Basin long term ecological research. <<http://jornada-www.nmsu.edu/>> (5 April 2008).
- KARL, J. W., AND J. HOTH. 2005. North American grassland priority conservation areas:

- technical report and documentation. Commission for Environmental Cooperation, Montreal, Quebec, Canada and The Nature Conservancy, Arlington, VA.
- KELLY, J. F., AND R. L. HUTTO. 2005. An east-west comparison of migration in North American wood warblers. *Condor* 107:197–211.
- KELLY, J., D. L. HAWKSWORTH, AND R. A. MEYER. 2006. Abundance of non-breeding Horned Larks and Chestnut-collared Longspurs on grazed and rested semiarid grassland. *Southwestern Naturalist* 51:172–180.
- KELLY, J., R. SMITH, D. D. FINCH, F. MOORE, AND W. YONG. 1999. Influence of summer biogeography on Wood Warbler stopover abundance. *Condor* 101:76–85.
- KENYON, K. W. 1947. Notes on the occurrence of birds in Lower California. *Condor* 49: 210–211.
- KERLEY, G. I., AND W. G. WHITFORD. 2000. Impact of grazing and desertification in the Chihuahuan Desert: plant communities, granivores and granivory. *American Midland Naturalist* 144:78–91.
- KIRKPATRICK, C., S. DESTEPHANO, R. W. MANNAN, AND J. LLOYD. 2002. Trends in abundance of grassland birds following a spring prescribed burn in southern Arizona. *Southwestern Naturalist* 47:282–292.
- KNOPF, F. L. 1985. Significance of riparian vegetation to breeding birds across an altitudinal cline. Pp.105–111 in R. R. Johnson, C. D. Ziebell, D. R. Patton, P. F. Ffolliott, and R. E. Hamre (editors). Riparian ecosystems and their management: reconciling conflicting issues. First North American Riparian Conference. USDA Forest Service General Technical Report RM-120. USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, CO.
- KNOPF, F. L. 1994. Avian assemblages on altered grasslands. *Studies in Avian Biology* 15: 247–257.
- KNOPF, F. L. 1996. Prairie legacies—birds. Pp. 135–148 in F. B. Samson, and F. L. Knopf (editors). Prairie conservation: preserving North America's most endangered ecosystem. Island Press, Washington, DC.
- KNOPF, F. L., AND F. B. SAMSON. 1994. Scale perspectives on avian diversity in western riparian ecosystems. *Conservation Biology* 8:669–676.
- KNOPF, F. L., R. R. JOHNSON, T. RICH, F. B. SAMSON, AND R. C. SZARO. 1988. Conservation of riparian ecosystems in the United States. *Wilson Bulletin* 100:272–284.
- KOSTECKE, R. M., K. ELLISON, AND S. G. SUMMERS. 2004. Continued range expansion by Bronzed Cowbird in the southwestern United States. *Southwestern Naturalist* 49: 487–492.
- KRICHER, J. C., AND W. E. DAVIS. 1992. Patterns of avian species richness in disturbed and undisturbed habitats in Belize. Pp. 240–246 in J. M. Hagan, and D. W. Johnston (editors). *Ecology and Conservation of Neotropical Migrant Landbirds*. Smithsonian Institution Press, Washington, DC.
- KRUUPER, D., J. BART, AND T. RICH. 2003. Response of vegetation and breeding birds to the removal of cattle on the San Pedro River, Arizona (U.S.A.). *Conservation Biology* 17: 607–615.
- KUSHLAN, J. A., M. J. STEINKAMP, K. C. PARSONS, J. CAPP, M. ACOSTA CRUZ, M. COULTER, I. DAVIDSON, L. DICKSON, N. EDELSON, R. ELLIOT, R. M. IRWIN, S. HATCH, S. KRESS, R. MILKO, S. MILLER, K. MILLS, R. PAUL, R. PHILLIPS, J. E. SALIVA, B. SYDEMAN, J. TRAPP, J. WHEELER, AND K. WOHL. 2002. Waterbird conservation for the Americas. The North American Conservation Plan. Version 1. Waterbird Conservation for the Americas, Washington, DC.
- LAND, H. C. 1970. Birds of Guatemala. Livingston Publishing Company, Wynnewood, PA.
- LARISON, B., S. A. LAYMON, P. L. WILLIAMS, AND T. B. SMITH. 2001. Avian responses to restoration: nest-site selection and reproductive success in Song Sparrows. *Auk* 118: 432–442.
- LARKIN, R. P. 1991. Flight speeds observed with radar, a correction: slow "birds" are insects. *Behavioral Ecology and Sociobiology* 29: 221–224.
- LARKIN, R. P. 2005. Radar techniques for wildlife biology. Pp. 448–464 in C. E. Braun (editor). *Techniques for wildlife investigations and management*. The Wildlife Society, Bethesda, MD.
- LATTA, M. J., C. J. BEARDMORE, AND T. E. CORMAN. 1999. Arizona Partners in Flight Bird Conservation Plan. Version 1.0. AGFD Nongame and Endangered Wildlife Program Technical Report 142. Arizona Game and Fish Department, Phoenix, AZ.
- LITTELL, R. C., W. W. STROUP, AND R. J. FREUND. 2002. *SAS for linear models*. Fourth Edition. SAS Institute, Inc., Cary, NC.
- LIVERMAN, D. M., R. G. VARADY, O. CHÁVEZ, AND R. SÁNCHEZ. 1999. Environmental issues along the United States-Mexico border: drivers of change and responses of citizens and institutions. *Annual Review of Energy and the Environment* 24:60–643.
- LOCKWOOD, M. W. 2002. Texas Bird Records Committee report for 2001. *Bulletin of the Texas Ornithological Society* 35:1–10.

- LOCKWOOD, M. W. 2004. Texas Bird Records Committee report for 2003. Bulletin of the Texas Ornithological Society 37:17–24.
- LOCKWOOD, M. W. 2005. Texas Bird Records Committee report for 2004. Bulletin of the Texas Ornithological Society 38:21–28.
- LOCKWOOD, M. W. 2006. Texas Bird Records Committee report for 2005. Bulletin of the Texas Ornithological Society 39:33–42.
- LOCKWOOD, M. W. 2007. Texas Bird Records Committee report for 2006. Bulletin of the Texas Ornithological Society 40:41–49.
- LOCKWOOD, M. W., AND B. FREEMAN. 2004. The Texas Ornithological Society handbook of Texas birds. Texas A&M University Press, College Station, TX.
- LOCKWOOD, M. W., R. PINKSTON, AND R. WEEKS. 2006. Texas. North American Birds 59:620–624.
- LONARD, R. L., AND F. W. JUDD. 1991. Comparison of the effects of the severe freezes of 1983 and 1989 on native woody plants of the Lower Rio Grande Valley, Texas. Southwestern Naturalist 36:213–217.
- LORENZ, S., C. BUTLER, AND J. PAZ. 2006. First nesting record of the Gray-crowned Yellowthroat (*Geothlypis poliocephala*) in the United States since 1894. Wilson Journal of Ornithology 118:574–576.
- LOWTHER, P. E., C. CELADA, N. K. KLEIN, C. C. RIMMER, AND D. A. SPECTOR. 1999. Yellow Warbler (*Dendroica petechia*). In A. Poole, and F. Gill (editors). The Birds of North America, No. 454. The Academy of Natural Sciences, Philadelphia, PA and The American Ornithologists' Union, Washington, DC.
- MACARTHUR, R. H. 1964. Environmental factors affecting bird species diversity. American Naturalist 68:387–397.
- MACARTHUR, R. H. 1972. Geographical ecology: patterns in the distribution of species. Harper and Row, New York, NY.
- MACCALL, A. D. 1979. Population estimates for the waning years of the Pacific sardine fishery. California Cooperative Fisheries Investigations Report 20:72–82.
- MACMYNOWSKI, D. P., T. L. ROOT, G. BALLARD, AND G. R. GEUPEL. 2007. Changes in spring arrival of Nearctic-Neotropical migrants attributed to multiscalar climate. Global Change Biology 13:1–13.
- MANLY, B. F. J. 2004. Multivariate statistical methods: a primer. Third Edition, Chapman and Hall /CRC. Boca Raton, FL.
- MANNAN, R. W., M. L. MORRISON, AND E. C. MESLOW. 1984. Comment: the use of guilds in forest bird management. Wildlife Society Bulletin 12:426–430.
- MANVILLE, A. M. II. 2001. The ABCs of avoiding bird collisions at communication towers: next steps. Pp. 85–103 in R. L. Carlton (editor). Avian interactions with utility and communication structures. EPRI Technical Report. Concord, CA.
- MANZANO-FISCHER, P., R. LIST, G. CEBALLOS, AND J.-L. E. CARTRON. 2006. Avian diversity in a priority area for conservation in North America: The Janos-Casas Grandes prairie dog complex and adjacent habitats in northwestern Mexico. Biodiversity and Conservation 15:3801–3825.
- MARESH, J. 2004. Survey of Black-capped Vireo, Big Bend National Park, Brewster County, Texas, Spring 2004. Report to Big Bend National Park, TX.
- MARONE, L., B. E. ROSSI, AND J. LOPEZ. 1998. Granivore impact on soil-seed reserves in the central Monte Desert Argentina. Functional Ecology 12:640–645.
- MARSHALL, J. T. JR. 1957. Birds of pine-oak woodland in southern Arizona and adjacent Mexico. Pacific Coast Avifauna 32:1–125.
- MARTIN, T. G., S. MCINTYRE, C. P. CATTERALL, AND H. P. POSSINGHAM. 2006. Is landscape context important for riparian conservation? Birds in grassy woodland. Biological Conservation 127:201–214.
- MASON, L., M. J. DESMOND, AND M. S. AGUDELO. 2005. Influence of grassland type, nest type and shrub encroachment on predation of artificial nests in Chihuahuan Desert grasslands. Western North American Naturalist 65:196–201.
- MASSEY, B. W., AND E. PALACIOS. 1994. Avifauna of the wetlands of Baja California, Mexico: current status. Studies in Avian Biology 15: 45–57.
- MASSEY, B. W., D. W. BRADLEY AND J. L. ATWOOD. 1992. Demography of a California Least Tern colony including effects of the 1982–1983 El Niño. Condor 94:976–983.
- MAURER, B. A. 1985. Avian community dynamics in desert grasslands: observational scale and hierarchical structure. Ecological Monographs 55:295–312.
- McCLARAN, M. P., AND T. R. VAN DEVENDER (EDITORS). 1995. The desert grassland. University of Arizona Press, Tucson, AZ.
- MCOMB, B. C., D. BILSLAND, AND J. J. STEINER. 2005. Associations of winter birds with riparian condition in the lower Calapooia watershed, Oregon. Northwest Science 72: 164–171.
- MCCREADY, B., D. MEHLMAN, D. KWAN, AND B. ABEL. 2005. The Nature Conservancy's Prairie Wings project: a conservation strategy for the grassland birds of the western Great Plains. Pp. 1158–1161 in C. J. Ralph and T. D. Rich (editors). Bird conservation

- implementation and integration in the Americas: Proceedings of the third international partners in flight conference. USDA Forest Service General Technical Report PSW-GTR-191. USDA Forest Service, Pacific Southwest Research Station, Albany, CA.
- MCCUNE, B., AND M. J. MEFFORD. 1997. Multivariate analysis of ecological data. PC-ORD. Version 3.17. MJM Software, Gleneden Beach, OR.
- MEARNS, E. A. 1907. Mammals of the Mexican boundary of the United States. Bulletin of the United States National Museum, 56:1-530.
- MEENTS, J. K. 1979. Avian community structure in Chihuahuan Desert grasslands. Ph.D. dissertation, New Mexico State University, Las Cruces, NM.
- MELLINK, E., E. PALACIOS, AND E. AMADOR. 2007. Colonies of four species of terns and the Black Skimmer in western Mexico. *Waterbirds* 30:358-366.
- MEROLA-ZWARTJES, M. 2004. Biodiversity, functional processes, and the ecological consequences of fragmentation in southwestern grasslands. Pp. 49-85 in D. M. Finch (editor). Assessment of grassland ecosystem conditions in the southwestern United States Volume 1. USDA Forest Service General Technical Report RMRS-GTR-135. USDA Forest Service, Rocky Mountain Research Station, Fort Collins, CO.
- MILLS, G. S. 1982. Status report: *Ammodramus savannarum ammolegus* (H. C. Oberholser). Arizona Natural Heritage Program, Tucson, Report to Office of Endangered Species, USDI Fish and Wildlife Service, Albuquerque, NM.
- MISENHELTER, M. D., AND R. T. ROTENBERRY. 2000. Choices and consequences of habitat occupancy and nest site selection in Sage Sparrows. *Ecology* 81:2892-2901.
- MITTERMEIER, R. A., C. F. KORMOS, C. G. MITTERMEIER, P. R. GIL, T. SANDWITH, AND C. BESANÇON. 2005. Transboundary conservation: a new vision for protected areas. University of Chicago Press, Chicago IL.
- MONSON, G., AND A. R PHILLIPS. 1981. An annotated checklist of the birds of Arizona. University of Arizona Press, Tucson, AZ.
- MOORCROFT, D., M. J. WHITTINGHAM, R. B. BRADBURY, AND J. D. WILSON. 2002. The selection of stubble fields by wintering granivorous birds reflects vegetation cover and food abundance. *Journal of Applied Ecology* 39: 535-547.
- MOORE, F. R. (EDITOR). 2001. Stopover ecology of Nearctic-Neotropical landbird migrants: habitat relations and conservation implications. *Studies in Avian Biology* 20.
- MOORE, F. R., AND T. R. SIMONS. 1992. Habitat suitability and stopover ecology of Neotropical landbird migrants. Pp. 345-355 in J. M. Hagan, and D. H. Johnson (editors). *Ecology and conservation of Neotropical migrant landbirds*. Smithsonian Institution Press, Washington, DC.
- MOORE, F. R., P. KERLINGER, AND T. R. SIMMONS. 1990. Stopover on a gulf coast barrier island by spring trans-gulf migrants. *Wilson Bulletin* 102:487-500.
- MOORE, F. R., S. A. GAUTHREAUX, JR., P. KERLINGER, AND T. R. SIMONS. 1995. Habitat requirements during migration: important link in conservation. Pp. 121-144 in T. E. Martin, and D. M. Finch (editors). *Ecology and management of Neotropical migratory birds, a synthesis and review of critical issues*. Oxford University Press, New York, NY.
- MOORE, R. T. 1938. Unusual birds and extensions of ranges in Sonora, Sinaloa, and Chihuahua. *Condor* 40:23-28.
- MOSCONI, S. L., AND R. L. HUTTO. 1982. The effect of grazing on the land birds of a western Montana riparian habitat. Pp. 221-233 in L. Nelson, and J. M. Peek (editors). *Proceedings of the wildlife-livestock relationships symposium*. Forest, Wildlife and Range Experiment Station, University of Idaho, Moscow, ID.
- NABHAN, G. P., AND A. R. HOLDSWORTH. 1999. State of the desert biome: uniqueness, biodiversity, threats and the adequacy of protection in the Sonoran bioregion. Arizona-Sonora Desert Museum, Tucson, AZ.
- NACLER, P. L., O. HINOJOSA-HUERTA, E. P. GLENN, J. GARCÍA-HERNÁNDEZ, R. ROMO, C. CURTIS, A. R. HUETE, AND S. G. NELSON. 2005. Regeneration of native trees in the presence of invasive saltcedar in the Colorado River delta, Mexico. *Conservation Biology* 19:1842-1852.
- NAIMAN, R. J., H. DÉCAMPS, AND M. E. MCCLAIN. 2005. *Riparia: ecology, conservation, and management of streamside communities*. Elsevier Academic Press, Burlington, MA.
- NATURESERVE. 2007. NatureServe conservation status. <<http://www.natureserve.org/explorer/ranking.htm>> (9 April 2008).
- NEFF, J. A. 1947. Notes on some birds of Sonora, Mexico. *Condor* 49:32-34.
- NELSON, S. M., AND B. W. ANDERSON. 1999. Butterfly (Papilioidea and Hesperoidea) assemblages associated with natural, exotic, and restored riparian habitats along the Lower Colorado River, USA. *Regulated Rivers: Research and Management* 15: 485-504.
- NENTVIG, J., A. F. PRADEAU, AND R. R. RASMUSSEN. 1980. *Rudo Ensayo: a description of Sonora*

- and Arizona in 1764. University of Arizona Press, Tucson AZ.
- NEW MEXICO PARTNERS IN FLIGHT. 2007. New Mexico bird conservation plan. Version 2.1. C. Rustay, and S. Norris (compilers). New Mexico Partners in Flight, Albuquerque, NM.
- NIELSON, R. P. 1986. High resolution climatic analysis and southwest biography. *Science* 232:27–33.
- NIEMELA, S. A. 2002. The influence of habitat heterogeneity and seed distribution on a Chihuahuan Desert avifauna. M.S. thesis, New Mexico State University, Las Cruces, NM.
- NOAA. 2002. NOAA Satellite and Information Service and the National Climatic Data Center. <<http://www.ncdc.noaa.gov/oa/climate/stationlocator.html>> (18 April 2008).
- NOAA. 2003. NOAA Satellite and Information Service and the National Climatic Data Center. <<http://www.ncdc.noaa.gov/oa/climate/stationlocator.html>> (18 April 2008).
- NORRIS, D. R., P. P. MARRA, T. K. KYSER, T. W. SHERRY, AND L. M. RATCLIFFE. 2004. Tropical winter habitat limits reproductive success on the temperate breeding grounds in a migratory bird. *Proceedings of the Royal Society of London* 271:59–64.
- NORTH AMERICAN ORNITHOLOGICAL ATLAS COMMITTEE. 1990. Handbook for atlasing North American breeding birds. <<http://www.bsc-eoc.org/norac/atlascont.htm>> (4 April 2008).
- NORWINE, J., AND K. JOHN (EDITORS). 2007. The changing climate of south Texas, 1900–2100: problems and prospects, impacts and implications. Texas A & M University-Kingsville, Kingsville, TX.
- OBERHOLSER, H. C. 1902. Some notes from western Texas. *Auk* 19:300–301.
- OBERHOLSER, H. C. 1942. Description of a new race of the Grasshopper Sparrow. *Proceedings of Biological Society, Washington* 55:15–16.
- OBERHOLSER, H. C. 1974. The bird life of Texas. University of Texas Press, Austin, TX.
- OFFICE OF THE FEDERAL COORDINATOR FOR METEOROLOGY. 1997. Federal meteorological handbook No. 3, Rawinsonde and Pibal Observations. FCM-H3-1997. <<http://www.ofcm.gov/fmh3/text/default.htm>> (10 April 2008).
- OHMART, R. D. 1994. The effects of human-induced changes on the avifauna of western riparian habitats. *Studies in Avian Biology* 15:273–285.
- PALACIOS, E., AND E. MELLINK. 1993. Additional records of breeding birds from Montague Island, northern Gulf of California. *Western Birds* 24:259–262.
- PANJABI, A. 2007a. RMBO launches initiative to monitor wintering grassland birds in Mexico. *The Primary Source* 24:1, 3
- PANJABI, A. 2007b. Wintering grassland bird inventory and monitoring in northern Mexico: an interim narrative report. Rocky Mountain Bird Observatory, Brighton, CO.
- PANKRATZ, C. 1994. PREFER—Preference assessment program. v5.1. Northern Prairie Science Center, Jamestown, ND.
- PARKES, K. C., AND R. W. DICKERMAN. 1967. A new subspecies of Mangrove Warbler (*Dendroica petechia*) from Mexico. *Annals of Carnegie Museum* 39:85–89.
- PARMESAN, C. 2006. Ecological and evolutionary responses to recent climate change. *Annual Review of Ecology, Evolution, and Systematics* 37:637–669.
- PARMESAN, C., AND G. YOHE. 2003. A globally coherent fingerprint of climate change impacts across natural systems. *Nature* 421:37–42.
- PATTEN, M. A., E. MELLINK, H. GÓMEZ DE SILVA, AND T. E. WURSTER. 2001. Status and taxonomy of the Colorado desert avifauna of Baja California. *Monographs in Field Ornithology* 3:29–63.
- PAXTON, K. L., C. VAN RIPER III, T. C. THEIMER, AND E. H. PAXTON. 2007. Spatial and temporal patterns of Wilson's Warbler (*Wilsonia pusilla*) in the Southwest as revealed by stable isotopes. *Auk* 124:162–175.
- PEARSON, S. M., AND T. R. SIMONS. 2002. Spatial analysis of stopover habitats of Neotropical migrant birds. Pp. 581–593 in J. M. Scott, P. Heglund, and M. Morrison (editors). *Predicting species occurrences: issues of scale and accuracy*. Island Press, Washington, DC.
- PETERJOHN, B. G., AND J. R. SAUER. 1999. Population status of North American grassland birds from the North American breeding bird survey, 1966–1996. *Studies in Avian Biology* 19:27–44.
- PETERSON, J. J., G. W. LASLEY, K. B. BRYAN, AND M. LOCKWOOD. 1991. Additions to the breeding avifauna of the Davis Mountains. *Bulletin of the Texas Ornithological Society* 24:39–48.
- PHILLIPS, A. R. 1968. The instability of the distribution of land birds in the Southwest. Pp. 129–162 in A. H. Schroeder (editor). *Collected papers in honor of Lyndon Lane Hargrave, Papers of the Archaeological Society of New Mexico*: 1.
- PHILLIPS, A. R. 1986. The known birds of North and Middle America. Part I. Published by the author, Denver, CO.
- PHILLIPS, A. R. 1991. The known birds of North and Middle America. Part II. Published by the author, Denver, CO.

- PHILLIPS, A. R., AND D. AMADON. 1952. Some birds of northwestern Sonora, Mexico. *Condor* 54: 163–168.
- PHILLIPS, A. R., J. T. MARSHALL, JR., AND G. MONSON. 1964. The birds of Arizona. University of Arizona Press, Tucson, AZ.
- PIDGEON, A. M., N. E. MATHEWS, R. BENOIT, AND E. NORDHEIM. 2001. Response of avian communities to historic habitat change in northern Chihuahuan Desert. *Conservation Biology* 15:1772–1788.
- PIDGEON, A. M., V. C. RADEOFF, AND N. E. MATHEWS. 2006. Contrasting measures of fitness to classify habitat quality for the Black-throated Sparrow (*Amphispiza bilineata*). *Biological Conservation* 132:199–210.
- PLUMPTRE, A. J., D. KUJIRAKWINJA, A. TREVES, I. OWIUNJI, AND H. RAINER. 2007. Transboundary conservation in the greater Virunga landscape: its importance for landscape species. *Biological Conservation* 134:279–287.
- POIANI, K. A., B. D. RICHTER, M. G. ANDERSON, AND H. E. RICHTER. 2000. Biodiversity conservation at multiple scales: functional sites, landscapes, and networks. *BioScience* 50: 133–146.
- POOLE, A. (EDITOR). 2005. The Birds of North American. Cornell Laboratory of Ornithology, Ithaca, NY. <<http://bna.birds.cornell.edu/BNA/>> (4 April 2008).
- POWELL, B. F., AND R. J. STEIDL. 2000. Nesting habitat and reproductive success of southwestern riparian birds. *Condor* 102:823–831.
- PROUDFOOT, G. A., AND R. R. JOHNSON. 2000. Ferruginous Pygmy-Owl (*Glaucidium brasilianum*). In A. Poole, and F. Gill (editors). The Birds of North America, No. 498. The Academy of Natural Sciences, Philadelphia, PA and The American Ornithologists' Union, Washington, DC.
- PULICH, W. M., SR., AND W. M. PULICH, JR. 1963. The nesting of the Lucifer Hummingbird in the United States. *Auk* 80:370–371.
- PULLIAM, H. R. 1975. Coexistence of sparrows: a test of community theory. *Science* 189: 474–476.
- PULLIAM, H. R. 1980. Do Chipping Sparrows forage optimally? *Ardea* 68:75–82.
- PULLIAM, H. R. 1985. Foraging efficiency, resource and partitioning, and the coexistence of sparrow species. *Ecology* 66:1829–1836.
- PULLIAM, H. R. 1986. Niche expansion and contraction in a variable environment. *American Zoologist* 26:71–79.
- PULLIAM, H. R., AND G. S. MILLS. 1977. The use of space by wintering sparrows. *Ecology* 58: 1393–1399.
- PULLIAM, H. R., AND J. B. DUNNING. 1987. The influence of food supply on local density and diversity of sparrows. *Ecology* 68: 1009–1014.
- PULLIAM, H. R., AND M. R. BRAND. 1975. The production and utilization of seeds in plains grassland of southeastern Arizona. *Ecology* 56:1158–1166.
- PULLIAM, H. R., AND T. A. PARKER III. 1979. Population regulation of sparrows. *Fortschritte der Zoologie* 25:137–147.
- RAITT, R. J., AND S. L. PIMM. 1976. Dynamics of bird communities in the Chihuahuan Desert, New Mexico. *Condor* 78:427–442.
- RALPH, C. J. 1981. Age ratios and their possible use in determining autumn routes of passerine migrants. *Wilson Bulletin* 93:164–188.
- RALPH, C. J., AND J. M. SCOTT (EDITORS). 1981. Estimating numbers of terrestrial birds. Studies in Avian Biology 6.
- RALPH, C. J., G. R. GEUPEL, P. PYLE, T. E. MARTIN, AND D. F. DESANTE. 1993. Handbook of field methods for monitoring landbirds. USDA Forest Service General Technical Report PSW-GTR-144. USDA Forest Service, Pacific Southwest Research Station, Albany, CA.
- RALPH, C. J., G. R. GEUPEL, P. PYLE, T. E. MARTIN, D. F. DESANTE, AND B. MILA. 1996. Manual de métodos de campo para el monitoreo de aves terrestres. USDA Forest Service General Technical Report PSW-GTR-159. USDA Forest Service, Pacific Southwest Research Station, Albany, CA.
- RAMÍREZ-ALBORES, J. E., F. MARTÍNEZ V., AND J. CLEMENTE VÁSQUEZ S. 2007. Listado avifaunístico de un matorral tamaulipeco del noreste de México. *Huitzil* 8:1–10.
- RANGO, A., L. HUENNEKE, M. BUONOPANE, J. HERRICK, AND K. M. HAVSTAD. 2005. Using historic data to assess effectiveness of shrub removal in southern New Mexico. *Journal of Arid Environments* 62:75–91.
- RENFREW, R. B., AND C. A. RIBIC. 2002. Influence of topography on density of grassland passerines in pastures. *American Midland Naturalist* 147:315–325.
- REYNOLDS, J. F., R. A. VIRGINIA, P. R. KEMP, A. G. DESOYZA, AND D. C. TREMMEL. 1999. Impact of drought on desert shrubs: effects of seasonality and degree of resource island development. *Ecological Monographs* 69: 69–106.
- RICH, T. D., C. J. BEARDMORE, H. BERLANGA, P. J. BLANCHER, M. S. W. BRADSTREET, G. S. BUTCHER, D. W. DEMAREST, E. H. DUNN, W. C. HUNTER, E. E. INIGO-ELIAS, J. A. KENNEDY, A. M. MARTELL, A. O. PANJABI, D. N. PASHLEY, K. V. ROSENBERG, C. M. RUSTAY, J. S. WENDT, AND T. C. WILL. 2004. Partners in Flight North American landbird conservation plan. Cornell Lab of Ornithology, Ithaca, NY.

- RICHARDSON, J. W. 1978. Timing and amount of bird migration in relation to weather: A review. *Oikos* 30:224-272.
- RICHTER, B. D., AND H. E. RICHTER. 2000. Prescribing flood regimes to sustain riparian ecosystems along meandering rivers. *Conservation Biology* 14:1467-1478.
- RISING, J. D. 2005. A guide to the identification and natural history of the sparrows of the United States and Canada. Academic Press, Inc., San Diego, CA.
- ROBBINS, M. B., AND D. A. EASTERLA. 1981. Range expansion of the Bronzed Cowbird with the first Missouri record. *Condor* 83:270-272.
- ROBERSON, D. 2002. Monterey Birds. 2nd Edition, Monterey Peninsula Audubon Society, Carmel, CA.
- ROJAS-SOTO, O., F. PUEBLA-OLIVARES, E. M. FIGUEROA-ESQUIVEL, L. A. SÁNCHEZ-GONZÁLEZ, Y. J. NAKAZAWA-UJI, C. A. RÍOS-MUÑÓZ, AND A. G. NAVARRO S. 2002. Avifauna de Isla Tiburón, Sonora, México. *Anales del Instituto de Biología. Serie Zoología* 73: 73-89.
- ROMAGOSA, C. M. 2002. Eurasian Collared-Dove (*Streptopelia decaocto*). In A. Poole, and F. Gill (editors). *The Birds of North America*, No. 630. The Academy of Natural Sciences, Philadelphia, PA and The American Ornithologists' Union, Washington, DC.
- ROMAGOSA, C. M., AND T. MCENEANEY. 1999. Eurasian Collared-Dove in North America and the Caribbean. *North American Birds* 53:348-353.
- ROOT, T. L., J. T. PRICE, K. R. HALL, S. H. SCHNEIDER, C. ROSENZWEIG, AND J. A. POUNDS. 2003. Fingerprints of global warming on wild animals and plants. *Nature* 421:57-60.
- ROSENBERG, G. H. 2001. Arizona Bird Committee report: 1996-1999 records. *Western Birds* 32: 50-70.
- ROSENBERG, G. H., AND J. L. WITZEMAN. 1998. Arizona Bird Committee report, 1974-1996: part 1 (nonpasserines). *Western Birds* 29: 199-224.
- ROSENBERG, G. H., AND J. L. WITZEMAN. 1999. Arizona Bird Committee report, 1974-1996: part 2 (passerines). *Western Birds* 30: 94-120.
- ROSENBERG, K. V., AND R. J. COOPER. 1988. Approaches to avian diet analysis. *Studies in Avian Biology* 13:80-90.
- ROSENBERG, K. V., R. D. OHMART, W. C. HUNTER, AND B. W. ANDERSON. 1991. Birds of the lower Colorado River valley. University of Arizona Press, Tucson, AZ.
- RUIZ-CAMPOS, G., AND M. RODRÍGUEZ-MERAZ. 1997. Composición taxonómica y ecológica de la avifauna de los ríos El Mayor y Hardy, y áreas adyacentes, en el Valle de Mexicali, Baja California, México. *Anales del Instituto de Biología, Universidad Nacional Autónoma de México, Serie Zoología* 68:291-315.
- RUSSELL, K. R., AND S. A. GAUTHREAUX. 1998. Use of weather radar to characterize movements of roosting Purple Martins. *Wildlife Society Bulletin* 26:5-16.
- RUSSELL, S. M., AND D. W. LAMM. 1978. Notes on the distribution of birds in Sonora, Mexico. *Wilson Bulletin* 90:123-131.
- RUSSELL, S. M., AND G. MONSON. 1998. *The birds of Sonora*. University of Arizona Press, Tucson, AZ.
- RUTH, J. M. (EDITOR). 2007. Applying radar technology to migratory bird conservation and management: strengthening and expanding a collaborative. U.S. Geological Survey, Biological Resources Discipline, Open-File Report 2007-1361. Fort Collins, CO.
- RUTH, J. M., W. C. BARROW, R. S. SODJA, D. K. DAWSON, R. H. DIEHL, A. MANVILLE, M. T. GREEN, D. J. KRUEPER, AND S. JOHNSTON. 2005. Advancing migratory bird conservation and management by using radar: an interagency collaboration. USGS Biological Resources Discipline, Open-File Report 2005-1173. USGS Fort Collins Science Center. <[http://www.fort.usgs.gov/Products/Publications/pub\\_abstract.asp?PubID=21469](http://www.fort.usgs.gov/Products/Publications/pub_abstract.asp?PubID=21469)> (10 April 2008).
- SAAB, V. 1999. Importance of spatial scale to habitat use by breeding birds in riparian forests: a hierarchical analysis. *Ecological Applications* 9:135-151.
- SAAB, V. A., C. E. BOCK, T. D. RICH, AND D. S. DOBKIN. 1995. Livestock grazing effects in western North America. Pp. 311-353 in T. E. Martin, and D. M. Finch (editors). *Ecology and management of Neotropical migratory birds: a synthesis and review of critical issues*. Oxford University Press, New York, NY.
- SABO, J. L., AND C. SOYKAN. 2006. Riparian zones increase regional richness by supporting different, not more, species: reply. *Ecology* 87:2128-2131.
- SALL, J., AND A. LEHMAN. 1996. *JMP start statistics*. Duxbury Press, Belmont, CA.
- SANDERS, T. A., AND W. D. EDGE. 1998. Breeding bird community composition in relation to riparian vegetation structure in the western United States. *Journal of Wildlife Management* 62:461-473.
- SAS INSTITUTE. 1990. *SAS/STAT user's guide*, version 6, fourth edition. SAS Institute Inc., Cary, NC.
- SAS INSTITUTE. 1999. *SAS/STAT user's guide*. Version 8. SAS Institute Inc., Cary, NC.

- SAS INSTITUTE. 2003. SAS/STAT user's guide. Version 9.1 SAS Institute Inc., Cary, NC.
- SAUER, J. R., J. E. HINES, AND J. FALLON. 2006. The North American breeding bird survey, results and analysis 1966–2006. Version 6.2.2006. USGS Patuxent Wildlife Research Center, Laurel, MD.
- SCHAFFNER, G. W. 1976. Radar observations of insect flight. Pp. 157–197 in R. C. Rainey (editor). Insect flight. Blackwell Scientific Publications, London, UK.
- SCHAFFNER, F. C. 1985. Royal Tern nesting attempts in California: isolated or significant incidences? *Western Birds* 16:71–80.
- SCHLESINGER, W. H. 1994. Long term ecological studies in the Chihuahuan Desert. The Jornada LTER - III Consortium, Duke University, Durham, NC.
- SCHLESINGER, W. H. 2002. Desertification. Pp. 253–256 in A. S. Goudie, and D. J. Cuff (editors). Encyclopedia of global change. Oxford University Press, New York, NY.
- SCHLESINGER, W. H., J. F. REYNOLDS, G. L. CUNNINGHAM, L. F. HUENNEKE, W. M. JARRELL, R. A. VIRGINIA, AND W. G. WHITFORD. 1990. Biological feedbacks in global desertification. *Science* 247:1043–1048.
- SCHLUTER, D., and R. R. Repasky. 1991. Worldwide limitation of finch densities by food and other factors. *Ecology* 72: 1763–1774.
- SCHMITT, C. G. 1976. Summer birds of the San Juan Valley, New Mexico. New Mexico Ornithological Society Bulletin 4.
- SCOTT, M. L., S. K. SKAGEN, AND M. F. MERIGLIANO. 2003. Relating geomorphic change and grazing to avian communities in riparian forests. *Conservation Biology* 17:284–296.
- SEIDEL, D. J., Q. FU, W. J. RANDEL, AND T. J. REICHLER. 2008. Widening of the tropical belt in a changing climate. *Nature Geoscience* 1: 21–24.
- SEMARNAT. 2002. Norma Oficial Mexicana NOM-059-SEMARNAT-2001, Protección ambiental—especies nativas de México de flora y fauna silvestres—categorías de riesgo y especificaciones para su inclusión, exclusión o cambio—lista de especies en riesgo. Diario Oficial de la Federación 582(4) wa. Sección:1–80.
- SENNETT, G. B. 1878. Notes on the ornithology of the lower Rio Grande of Texas, from observations made during the season of 1877. *Bulletin of the U.S. Geological and Geographical Survey of the Territories* 4:1–66.
- SEXTON, C. S. 2001. Texas. *North American Birds* 55:321–325.
- SHACKELFORD, C. E., AND M. W. LOCKWOOD. 2000. Rare and declining birds of Texas: conservation needed. Texas Parks and Wildlife Department, Austin, TX.
- SHER, A. A., D. L. MARSHALL, AND S. A. GILBERT. 2000. Competition between native *Populus deltoides* and invasive *Tamarix ramosissima* and the implications for reestablishing flooding disturbance. *Conservation Biology* 14:1744–1754.
- SHERBROOKE, W. C. 1974. Differential acceptance of toxic jojoba seed (*Simmondsia chilensis*) by four Sonoran Desert heteromyid rodents. *Ecology* 57:596–602.
- SHERRY, T. W., AND R. T. HOLMES. 1995. Summer versus winter limitation of populations: what are the issues and what is the evidence? Pp. 85–120 in T. E. Martin, and D. M. Finch (editors). *Ecology and management of Neotropical migratory birds: a synthesis and review of critical issues*. Oxford University Press, New York, NY.
- SHORT, L. L. 1974. Nesting of southern Sonora birds during the summer rainy season. *Condor* 76:21–32.
- SHREVE, F. 1951. Vegetation of the Sonoran Desert. Carnegie Institute of Washington, Publication Number 591. Washington DC.
- SILLETT, T. S., AND R. T. HOLMES. 2002. Variation in survivorship of a migratory songbird throughout its annual cycle. *Journal of Animal Ecology* 71:296–308.
- SIMS, P., J. S. SINGH, AND W. K. LAUENROTH. 1978. The structure and function of ten western North American grasslands. *Journal of Ecology* 66:251–285.
- SISK, T. D., A. E. CASTELLANOS V, AND G. W. KOCH. 2007. Ecological impacts of wildlife conservation units policy in Mexico. *Frontiers in Ecology and the Environment* 5:209–212.
- SKAGEN, S. K., C. P. MELCHER, W. H. HOWE, AND F. L. KNOPP. 1998. Comparative use of riparian corridors and oases by migrating birds in southeast Arizona. *Conservation Biology* 12:896–909.
- SKAGEN, S. K., J. F. KELLY, C. VAN RIPER III, R. L. HUTTO, D. M. FINCH, D. J. KRUEPER, AND C. P. MELCHER. 2005. Geography of spring landbird migration through riparian habitats in southwestern North America. *Condor* 107: 212–227.
- SMALL, A. 1994. California birds: their status and distribution. Ibis Publishing Co., Vista, CA.
- SNELL-ROOD, E. C., AND D. A. CRISTOL. 2003. Avian communities of created and natural wetlands: bottomland forests in Virginia. *Condor* 105:303–315.
- SOGGE, M. K., R. M. MARSHALL, S. J. SFERRA, AND T. J. TIBBITS. 1997. A southwestern Willow Flycatcher natural history summary and

- survey protocol. USGS Colorado Plateau Research Station, Northern Arizona University, Flagstaff, AZ.
- SPSS. 2002. Data analysis software. SPSS, Inc., Chicago, IL.
- STALLCUP, R. 1990. Ocean birds of the nearshore Pacific. Point Reyes Bird Observatory, Stinson Beach, CA.
- STAMP, N. E. 1978. Breeding birds of riparian woodland in south-central Arizona. Condor 80:64-71.
- STEPHENS, F. 1885. Notes of an ornithological trip in Arizona and Sonora. Auk 2:225-231.
- STOLESON, S. H., R. S. FELGER, G. CEBALLOS, C. RAISH, M. F. WILSON, AND A. BURQUEZ. 2005. Recent history of natural resource use and population growth in northern Mexico. Pp. 52-86 in J.-L. E. Cartron, G. Ceballos, and R. S. Felger (editors). Biodiversity, ecosystems, and conservation in northern Mexico. Oxford University Press, NY.
- STROMBERG, J. C., AND M. K. CHEW. 2002. Flood pulses and restoration of riparian vegetation in the American Southwest. Pp. 11-50 in B. A. Middleton (editor). Flood pulsing in wetlands: restoring the natural hydrological balance. John Wiley and Sons, New York, NY.
- STRONG, T. R. 1988. Status of the Arizona Grasshopper Sparrow (*Ammodramus savannarum ammolegus* Oberholser). Arizona Game and Fish Department, report to Office of Endangered Species, USDI Fish and Wildlife Service, Albuquerque, NM.
- STRONG, T. R., AND C. E. BOCK. 1990. Bird species distribution patterns in riparian habitats in southeastern Arizona. Condor 92:866-885.
- SWARTH, H. S. 1914. A distributional list of the birds of Arizona. Pacific Coast Avifauna 10: 1-133.
- SWETNAM, T. W., AND J. L. BETANCOURT. 1998. Mesoscale disturbance and ecological response to decadal climatic variability in the American Southwest. Journal of Climate 11: 3128-3147.
- SYKES, G. 1937. The Colorado delta. American Geographical Society Special Publication 19.
- TEJAS, A., R. SERVÍN, AND S. GALLINA. 1991. Delimitación, zonificación y tenencia de la tierra. Pp. 53-68 in A. Ortega, and L. Arriaga (editors), La reserva de la biosfera El Vizcaino en la península de Baja California. Centro de Investigaciones Biológicas de Baja California Sur, A.C. No. 4. La Paz, B.C.S., México.
- TERRILL, S. B. 1981. Notes on the winter avifauna of two riparian sites in northern Sonora, Mexico. Continental Birdlife 2:11-18.
- THAYER, J. E., AND O. BANGS. 1906. Breeding birds of the Sierra de Antonez, north central Sonora. Proceedings of the Biological Society of Washington 19:17-22.
- THE NATURE CONSERVANCY. 2000. The five-S framework for site conservation: a practitioner's handbook for site conservation planning and measuring conservation success. The Nature Conservancy, Arlington, VA.
- THOMAS, L., J. L. LAAKE, S. STRINDBERG, F. F. C. MARQUES, S. T. BUCKLAND, D. L. BORCHERS, D. R. ANDERSON, K. P. BURNHAM, S. L. HEDLEY, AND J. H. POLLARD. 2002. Distance 5.0. Research Unit for Wildlife Population Assessment, University of St. Andrews, UK. <<http://www.ruwpa.st-and.ac.uk/distance/>> (4 April 2008).
- TROY, J. R. 2006. Survey of Black-capped Vireo, Big Bend National Park, Brewster County, Texas, Spring 2006. Report to Big Bend National Park, TX.
- TUNNELL, J. W., JR., AND F. W. JUDD (EDITORS). 2002. The Laguna Madre of Texas and Tamaulipas. Texas A&M University Press, College Station, TX.
- TURNER, R. M., J. E. BOWERS, AND T. L. BURGESS. 1995. Sonoran Desert plants: an ecological atlas. University of Arizona Press, Tucson, AZ.
- TURNER, R. M., R. H. WEBB, J. E. BOWERS, AND J. R. HASTINGS. 2003. The changing mile revisited. University of Arizona Press, Tucson, AZ.
- U.S. BUREAU OF RECLAMATION. 2005. Report to the Congress: the Yuma Desalting Plant and other actions to address alternatives. Colorado River Basin Salinity Control Act, Title I, August 2005. U.S. Bureau of Reclamation, Washington, DC.
- UNITED NATIONS. 1992. Managing fragile ecosystems: combating desertification and drought, chapter 12 of Agenda 21. United Nations. New York, NY.
- UNITT, P. 1984. The birds of San Diego County. San Diego Society of Natural History, Memoir 13:1-276.
- UNITT, P. 2004. San Diego County bird atlas. Proceedings of the San Diego Society of Natural History 39:1-645.
- USDI BUREAU OF LAND MANAGEMENT. 1996. Birds of the San Pedro Riparian National Conservation Area and upper San Pedro River Valley. BLM/AZ/GI-96/006. San Pedro National Conservation Area, Bureau of Land Management, Safford, AZ.
- USDI BUREAU OF LAND MANAGEMENT. 1998. Birds as indicators of riparian vegetation condition in the western U.S. BLM/ID/PT-98/004+6635. Bureau of Land Management, Partners in Flight, Boise, ID.

- USDI BUREAU OF RECLAMATION. 2007. Colorado River interim guidelines for lower basin shortages and coordinated operations for Lake Powell and Lake Mead final environmental impact statement. USDI Bureau of Reclamation, Upper and Lower Colorado Regions, Boulder City, NV.
- USDI FISH AND WILDLIFE SERVICE. 2000. Yuma Clapper Rail revised survey protocol, memorandum to Yuma Clapper Rail interested parties. USDI Fish and Wildlife Service, Arizona Ecological Services Field Office, Phoenix, AZ.
- USDI FISH AND WILDLIFE SERVICE. 2002. Birds of conservation concern 2002. USDI Fish and Wildlife Service, Division of Migratory Bird Management, Arlington, VA. <<http://www.fws.gov/migratorybirds/reports/BCC2002.pdf>> (26 March 2008).
- USDI FISH AND WILDLIFE SERVICE. 2004. North American waterfowl management plan: Strengthening the biological foundation, 2004 strategic guidance. North American Waterfowl Management Plan, USDI Fish and Wildlife Service, Arlington, VA.
- USGS NATIONAL GAP ANALYSIS PROGRAM. 2004. Provisional digital land cover map for the southwestern United States. Version 1.0. RS/GIS Laboratory, College of Natural Resources, Utah State University, Logan, UT.
- VALDEZ, R., J. C. GUZMAN-ARANDA, F. J. ABARCA, L. A. TARANGO-ARAMBULA, AND F. CLEMENTE-SANCHEZ. 2006. Wildlife conservation and management in Mexico. *Wildlife Society Bulletin* 34:270-282.
- VAN DER MEIJ, M. A. A., AND R. G. BOUT. 2000. Seed selection in the Java Sparrow (*Padda oryzivora*): preference and mechanical constraint. *Canadian Journal of Zoology* 78: 1668-1673.
- VAN HORNE, B. 1983. Density as a misleading indicator of habitat quality. *Journal of Wildlife Management* 47:893-901.
- VAN ROSSEM, A. J. 1931. Report on a collection of land birds from Sonora, Mexico. *Transactions of the San Diego Society of Natural History* 6:237-304.
- VAN ROSSEM, A. J. 1945. A distributional survey of the birds of Sonora, Mexico. *Occasional Papers Museum of Zoology, Louisiana State University* 21:1-379.
- VAN TYNE, J. 1936. The discovery of the nest of the Colima Warbler (*Vermivora crissalis*). *Miscellaneous Publications of the University of Michigan* 33, Flint, MI.
- VAN TYNE, J., AND G. M. SUTTON. 1937. The birds of Brewster County, Texas. *Miscellaneous Publications of the University of Michigan* 37, Flint, MI.
- VELARDE, E., J.-L. E. CARTRON, H. DRUMMOND, D. W. ANDERSON, F. R. GARRARDO, E. PALACIOS AND C. RODRIGUEZ. 2005. Nesting seabirds of the Gulf of California's offshore islands: diversity, ecology, and conservation. Pp. 452-470 in J.-L. Catron, G. Ceballos, and R. S. Felger (editors). *Biodiversity, ecosystems and conservation in northern Mexico*. Oxford Univ. Press, New York, NY.
- VICKERY, P. D. 1996. Grasshopper Sparrow (*Ammodramus savannarum*). In A. Poole, and F. Gill (editors). *The Birds of North America*, No. 239. The Academy of Natural Sciences, Philadelphia, PA and the American Ornithologists' Union, Washington, DC.
- VICKERY, P. D., M. L. HUNTER, JR., AND J. V. WELLS. 1992. Is density an indicator of breeding success? *Auk* 109:706-710.
- VICKERY, P. D., P. L. TUBARRO, J. M. CARDOSO DA SILVA, B. G. PETERJOHN, J. R. HERKERT, AND R. B. CAVALCANTI. 1999. Conservation of grassland birds in the western hemisphere. *Studies in Avian Biology* 19:2-26.
- VILLASEÑOR, J. F. 2006. Habitat use and the effects of disturbance on wintering birds using riparian habitats in Sonora, Mexico. Ph.D. dissertation, University of Montana, Missoula MT.
- VILLASEÑOR-GÓMEZ, J. F., AND R. L. HUTTO. 1995. The importance of agricultural areas for the conservation of neotropical migratory landbirds in western Mexico. Pp. 59-80 in M. H. Wilson, and S. A. Sader (editors). *Conservation of Neotropical migratory birds in Mexico*. Maine Agricultural and Forest Experiment Station, Misc. Publ. 727.
- WARKENTIN, I. G., R. GREENBERG, AND J. S. ORTIZ. 1995. Songbird use of gallery woodlands in recently cleared and older settled landscapes of the Selva Lacandona, Chiapas, Mexico. *Conservation Biology* 9:1095-1106.
- WARSHALL, P. 1995. The Madrean Sky Island Archipelago: a planetary overview. Pp. 7-18 in L. F. DeBano, P. F. Ffolliott, A. Ortega-Rubio, G. J. Gottfried, R. H. Hamre, and C. B. Edminster (editors). *Biodiversity and management of the Madrean Archipelago: the Sky Islands of southwestern United States and northwestern Mexico*. USDA Forest Service General Technical Report RM-GTR 264. USDA Forest Service, Rocky Mountain Research Station, Ft. Collins, CO.
- WAUER, R. H. 1973. *Birds of Big Bend National Park and vicinity*. University of Texas Press, Austin, TX.
- WAUER, R. H. 1996. *A field guide to birds of the Big Bend*. Gulf Publishing, Houston, TX.

- WAUER, R. H. 1998. Avian population survey of a Tamaulipan scrub habitat, Tamaulipas, Mexico. *Cotinga* 10:13–19.
- WAUER, R. H., AND DAVIS, D. G. 1972. Cave Swallows in Big Bend National Park, Texas. *Condor* 74:482.
- WAUER, R. H., AND D. J. LIGON. 1977. Distributional relations of breeding avifauna of four southwestern mountain ranges. Pp. 567–578 in R. H. Wauer, and D. H. Riskind (editors). *Transactions of the symposium on the biological resources of the Chihuahuan Desert region, U.S. and Mexico*. USDI National Park Service, Transactions and Proceedings Series, No. 3. Washington, DC.
- WEBB, R. H., S. A. LEAKE, AND R. M. TURNER. 2007. *The ribbon of green: change in riparian vegetation in the southwestern United States*. University of Arizona Press, Tucson, AZ.
- WEBER, M., G. GARCÍA-MARMOLEJO, AND R. REYNA-HURTADO. 2006. The tragedy of the commons: wildlife management units in southeastern Mexico. *Wildlife Society Bulletin* 34: 1480–1488.
- WEBSTER, G. L., AND C. J. BAHRE (EDITORS). 2001. *Changing plant life of La Frontera: observations on vegetation in the United States/Mexico borderlands*. University of New Mexico Press, Albuquerque, NM.
- WELLS, D., B. W. ANDERSON, AND R. D. OHMART. 1979. Comparative avian use of southwestern citrus orchards and riparian communities. *Journal of the Arizona-Nevada Academy of Science* 14:58.
- WHITFORD, W. G. 1997. Desertification and animal biodiversity in the desert grasslands of North America. *Journal of Arid Environments* 37:709–720.
- WHITFORD, W. G. 2002. *Ecology of desert systems*. Elsevier Science Ltd., London, UK.
- WHITMORE, R. C. 1979. Temporal variation in the selected habitats of a guild of grassland sparrows. *Wilson Bulletin* 91:592–598.
- WHITMORE, R. C. 1981. Structural characteristics of Grasshopper Sparrow habitat. *Journal of Wildlife Management* 45:811–814.
- WILBUR, S. A. 1987. *Birds of Baja California*. University of California Press, Los Angeles, CA.
- WILLIAMS, S. O. III. 1991. Discovery and status of the Arizona Grasshopper Sparrow in New Mexico. *New Mexico Ornithological Society Bulletin* 19:32–33.
- WILLIAMS, S. O. III. 1997. Trends in Arizona Grasshopper Sparrow breeding populations in New Mexico: value of long-term studies. *New Mexico Ornithological Society Bulletin* 25:35.
- WILLIAMS, S. O. III. 2007. Status of the Arizona Grasshopper Sparrow on the Diamond A (Gray) Ranch, Hidalgo County, New Mexico. New Mexico Department of Game and Fish, Santa Fe, NM.
- WILLIAMS, S. O. III, J. P. DELONG, AND W. H. HOWE. 2007. Northward range expansion by the Short-tailed Hawk, with first nesting records for New Mexico and Chihuahua. *Western Birds* 38:2–10.
- WINTER, M., D. JOHNSON, AND J. FAABORG. 2000. Evidence for edge effects on multiple levels in tallgrass prairie. *Condor* 102:256–266.
- WITH, K. A., AND T. CRIST. 1995. Critical thresholds in species responses to landscapes structures. *Ecology* 76:2446–2459.
- WOLF, S. B. 2002. The relative status and conservation of island breeding seabirds in California and northwest Mexico. M.S. thesis, University of California, Santa Cruz, CA.
- WOLF, S. B., B. KEITT, A. AGUIRRE-MUNOZ, B. TERSHY, E. PALACIOS, AND D. CROLL. 2006. Transboundary seabird conservation in an important North American marine ecoregion. *Environmental Conservation* 33:294–305.
- WOODIN, M. C., M. K. SKORUPPA, AND G. C. HICKMAN. 1998. Breeding bird surveys at the Galvan Ranch, Webb County, Texas. Final report, prepared for the Ed Rachal Foundation, Corpus Christi, TX.
- WOODIN, M. C., M. K. SKORUPPA, G. W. BLACKLOCK, AND G. C. HICKMAN. 1999. Discovery of a second population of White-collared Seedeaters (Passeriformes: Emberizidae) along the Rio Grande in Texas. *Southwestern Naturalist* 44:535–537.
- WOODREY, M. 2000. Age-dependent aspects of stopover biology of passerine migrants. *Studies in Avian Biology* 20:43–52.
- YAHNER, R. H. 1993. Effects of long term forest clear cutting on wintering and breeding birds. *Wilson Bulletin* 105:239–255.
- YONG, W., AND D. M. FINCH. 2002. Stopover ecology of landbirds migrating along the Middle Rio Grande in spring and fall. USDA Forest Service General Technical Report RMRS-GTR-99. USDA Forest Service, Rocky Mountain Research Station, Ogden, UT.
- YUMA DESALTING PLANT/CIENEGA DE SANTA CLARA WORKGROUP. 2005. Balancing water needs in the Lower Colorado Basin: recommendations of the Yuma Desalting Plant/Ciénega de Santa Clara Workgroup. White Paper of the Yuma Desalting Plant/Ciénega de Santa Clara Workgroup, Yuma, AZ.
- ZAMORA-ARROYO, F., P. CULP, AND O. HINOJOSA-HUERTA. 2006. Looking beyond the border: environmental consequences of the All-American Canal project in Mexico and potential binational solutions. Pp. 21–57 in V. Sánchez-Mungía (editor). Lining the

- All-American Canal: competition or cooperation for the water in the U.S.-Mexican Border? San Diego State University Press, San Diego, CA.
- ZAMORA-ARROYO, F., P. L. NAGLER, M. BRIGGS, D. RADTKE, H. RODRÍGUEZ, J. GARCÍA, C. VALDÉS, A. HUETE, AND E. P. GLENN. 2001. Regeneration of native trees in response to flood releases from the United States into the delta of the Colorado River, Mexico. *Journal of Arid Environments* 49:49–64.
- ZAMORA-ARROYO, F., J. PITI, S. CORNELIUS, E. GLENN, O. HINOJOSA-HUERTA, M. MORENO, J. GARCÍA, P. NAGLER, M. DE LA GARZA, AND I. PARRA. 2005. Conservation priorities in the Colorado River delta, Mexico and the United States. Prepared by the Sonoran Institute, Environmental Defense, University of Arizona, Pronatura Noroeste Dirección de Conservación Sonora, Centro de Investigación en Alimentación y Desarrollo (CIAD) and World Wildlife Fund-Gulf of California Program, Tucson, AZ.
- ZAR, J. H. 1999. Biostatistical analysis, 4th ed. Prentice Hall, Upper Saddle River, NJ.
- ZENGEL, S., V. MERTETSKY, E. GLENN, R. FELGER, AND D. ORTIZ. 1995. Ciénega de Santa Clara, a remnant wetland in the Rio Colorado delta (Mexico): vegetation distribution and the effects of water flow reduction. *Ecological Engineering* 4:19–36.