

NWRC Annual Publication List 2008

08-1 ARJO, W. M., C. E. FISHER, J. ARMSTRONG, S. BRECK, AND D. SLATE. 2008. Effects of natural barriers and habitat on the western spread of raccoon rabies in Alabama. *Journal of Wildlife Management* 72:1725-1735.

08-2 ATWOOD, T. C., AND E. M. GESE. 2008. Coyotes and recolonizing wolves: social rank mediates risk-conditional behaviour at ungulate carcasses. *Animal Behaviour* 75:753-762.

08-3 AVERY, M. L., K. L. KEACHER, AND E. A. TILLMAN. 2008. Nicarbazin bait reduces reproduction by pigeons (*Columba livia*). *Wildlife Research* 35:80-85.

08-4 AVERY, M. L., E. A. TILLMAN, AND J. S. HUMPHREY. 2008. Effigies for dispersing urban crow roosts. *Proceedings of the Vertebrate Pest Conference* 23:84-87.

08-5 AVERY, M. L., C. A. YODER, AND E. A. TILLMAN. 2008. Diazacon inhibits reproduction in invasive monk parakeet populations. *Journal of Wildlife Management* 72:1449-1452.

08-6 BARTEL, R. A., F. F. KNOWLTON, AND L. C. STODDART. 2008. Long-term patterns in mammalian abundance in northern portions of the Great Basin. *Journal of Mammalogy* 89:1170-1183.

08-7 BARUCH-MORDO, S., S. W. BRECK, K. R. WILSON, AND D. M. THEOBALD. 2008. Spatiotemporal distribution of black bear-human conflicts in Colorado, USA. *Journal of Wildlife Management* 72:1853-1862.

08-8 BERENTSEN, A. R., M. R. DUNBAR, R. EBERSOL, AND R. G. MCLEAN. 2008. Risks associated with the transmission of bovine tuberculosis from white-tailed deer to cattle in Michigan: current research. *Proceedings of the Vertebrate Pest Conference* 23:277-279.

08-9 BERENTSEN, A. R., M. R. DUNBAR, C. E. FITZPATRICK, AND R. G. MCLEAN. 2008. Barriers, corridors, and raccoon variant rabies in northeastern Ohio: research in progress. *Proceedings of the Vertebrate Pest Conference* 23:275-276.

08-10 BERGER, K. M., E. M. GESE, AND J. BERGER. 2008. Indirect effects and traditional trophic cascades: a test involving wolves, coyotes, and pronghorn. *Ecology* 89:818-828.

08-11 BLACKWELL, B. F., L. M. SCHAFER, D. A. HELON, AND M. A. LINNELL. 2008. Bird use of stormwater-management ponds: decreasing avian attractants on airports. *Landscape and Urban Planning* 86:162-170.

08-12 BLACKWELL, B. F., AND T. W. SEAMANS. 2008. Food scraps composting and vector control. *BioCycle* June 2008:35-37.

08-13 BLAUM, N., R. M. ENGEMAN, B. WASIOLKA, AND E. ROSSMANITH. 2008. Indexing small mammalian carnivores in the southern Kalahari, South Africa. *Wildlife Research* 35:72-79.

08-14 BRECK, S. W., C. L. WILLIAMS, J. P. BECKMANN, S. M. MATTHEWS, C. W. LACKEY, AND J. J. BEECHAM. 2008. Using genetic relatedness to investigate the development of conflict behavior in black bears. *Journal of Mammalogy* 89:428-434.

08-15 BURKE, P. W., G. W. WITMER, S. M. JOJOLA, AND D. L. NOLTE. 2008. Improved nutria trapping success. *Proceedings of the Vertebrate Pest Conference* 23:59-62.

08-16 CAMPBELL, T. A., AND J. CORN. 2008. Recent range expansion of invasive feral hogs. *South Texas Wildlife* 12(2):3-4.

08-17 CAMPBELL, T. A., R. W. DEYOUNG, E. M. WEHLAND, L. I. GRASSMAN, D. B. LONG, AND J. DELGADO-ACEVEDO. 2008. Feral swine exposure to selected viral and bacterial pathogens in southern Texas. *Journal of Swine Health and Production* 16:312-315.

08-18 CAMPBELL, T. A., AND D. B. LONG. 2008. Mammalian visitation to candidate feral swine attractants. *Journal of Wildlife Management* 72:305-309.

08-19 CARIAPPA, C. A., W. BALLARD, S. BRECK, A. J. PIAGGIO, AND M. NEUBAUM. 2008. Estimating population size of Mexican wolves noninvasively (Arizona). *Ecological Restoration* 26:14-16.

08-20 CARLSON, D. A., AND E. M. GESE. 2008. Reproductive biology of the coyote (*Canis latrans*): integration of mating behavior, reproductive hormones and vaginal cytology. *Journal of Mammalogy* 89:654-664.

08-21 CHASTANT, J. E., P. B. FIORANELLI, AND T. D. KING. 2008. Fledgling double-crested cormorants rehearse a food manipulation technique with woody debris, algae, and shells. *Waterbirds* 31:147-148.

08-22 CHIPMAN, R. B., T. L. DEVAULT, D. SLATE, K. J. PREUSSER, M. S. CARRARA, J. W. FRIERS, AND T. P. ALGEO. 2008. Non-lethal management to reduce conflicts with winter urban crow roosts in New York: 2002–2007. *Proceedings of the Vertebrate Pest Conference* 23:88-93.

08-23 CONNER, M. M., M. R. EBINGER, AND F. F. KNOWLTON. 2008. Evaluating coyote management strategies using a spatially explicit, individual-based, socially structured population model. *Ecological Modelling* 219:234-247.

08-24 CUMMINGS, J. L., L. W. HANDLEY, B. MACBRYDE, S. K. TUPPER, AND S. J. WERNER. 2008. Dispersal of viable row-crop seeds of commercial agriculture by farmland birds: implications for genetically modified crops. *Environmental Biosafety Research* 7:241-252.

08-25 CURTIS, P. D., M. E. RICHMOND, L. A. MILLER, AND F. W. QUIMBY. 2008. Physiological effects of gonadotropin-releasing hormone immunocontraception on white-tailed deer. *Human-Wildlife Conflicts* 2:68-79.

08-26 DARROW, P. A., AND J. A. SHIVIK. 2008. A pilot evaluation of trap monitors by the USDA Wildlife Services Operational Program. *Proceedings of the Vertebrate Pest Conference* 23:213-217.

08-27 DEVAULT, T. L., J. E. KUBEL, D. J. GLISTA, AND O. E. RHODES, JR. 2008. Mammalian hazards at small airports in Indiana: impact of perimeter fencing. *Human-Wildlife Conflicts* 2:240-247.

08-28 DORR, B. S., L. W. BURGER, AND S. C. BARRAS. 2008. Evaluation of aerial cluster sampling of double-crested cormorants on aquaculture ponds in Mississippi. *Journal of Wildlife Management* 72:1634-1640.

08-29 ENGEMAN, R. M., J. A. DUQUESNEL, E. M. COWAN, H. T. SMITH, S. A. SHWIFF, AND M. KARLIN. 2008. Assessing boat damage to seagrass bed habitat in a Florida park from a bioeconomics perspective. *Journal of Coastal Research* 24:527-532.

- 08-30 FAGERSTONE, K. A., L. A. MILLER, J. D. EISEMANN, J. R. O'HARE, AND J. P. GIONFRIDDO. 2008. Registration of wildlife contraceptives in the United States of America with OvoControl and GonaCon immunocontraceptive vaccines as examples. *Wildlife Research* 35:586-592.
- 08-31 FIELD, K. L., B. A. KIMBALL, J. A. MENNELLA, G. K. BEAUCHAMP, AND A. A. BACHMANOV. 2008. Avoidance of hydrolyzed casein by mice. *Physiology & Behavior* 93:189-199.
- 08-32 FIGUEROA, J. A., B. A. KIMBALL, AND K. R. PERRY. 2008. Lagomorph and rodent responses to two protein hydrolysates. *Crop Protection* 27:851-854.
- 08-33 FOLEY, A. M., B. PIERCE, D. G. HEWITT, R. W. DEYOUNG, T. A. CAMPBELL, M. W. HELLICKSON, J. FEILD, S. MITCHELL, M. A. LOCKWOOD, AND K. V. MILLER. 2008. Survival and movements of translocated white-tailed deer in south Texas. *Proceedings of the 2008 Annual Meeting of the Southeastern Association of Fish and Wildlife Agencies* 62:25-30.
- 08-34 FORCEY, G. M., G. M. LINZ, W. E. THOGMARTIN, AND W. J. BLEIER. 2008. Modeling wetland blackbird populations as a function of waterfowl abundance in the Prairie Pothole Region of the United States and Canada. *Environmental Bioindicators* 3:124-135.
- 08-35 FRICKE, K. A., M. A. COVER, S. E. HYGNSTROM, H. H. GENOWAYS, S. R. GROEPPER, K. M. HAMS, AND K. C. VERCAUTEREN. 2008. Historic and recent distributions of elk in Nebraska. *Great Plains Research* 18:189-204.
- 08-36 GAUKLER, S. M., H. J. HOMAN, N. W. DYER, G. M. LINZ, AND W. J. BLEIER. 2008. Pathogenic diseases and movements of wintering European starlings using feedlots in central Kansas. *Proceedings of the Vertebrate Pest Conference* 23:280-282.
- 08-37 GILSDORF, J. M., K. C. VERCAUTEREN, S. E. HYGNSTROM, W. D. WALTER, J. R. BONER, AND G. M. CLEMENTS. 2008. An integrated vehicle-mounted telemetry system for VHF telemetry applications. *Journal of Wildlife Management* 72:1241-1246.
- 08-38 GIONFRIDDO, J. P., N. B. GATES, A. J. DENICOLA, K. A. FAGERSTONE, AND L. A. MILLER. 2008. Field test of GonaContm immunocontraceptive vaccine in free-ranging female fallow deer. *Proceedings of the Vertebrate Pest Conference* 23:235-239.
- 08-39 GLISTA, D. J., AND T. L. DEVAULT. 2008. Road mortality of terrestrial vertebrates in Indiana. *Proceedings of the Indiana Academy of Science* 117:55-62.
- 08-40 GLISTA, D. J., T. L. DEVAULT, AND J. A. DEWOODY. 2008. Vertebrate road mortality predominantly impacts amphibians. *Herpetological Conservation and Biology* 3:77-87.
- 08-41 GUBANYI, J. A., J. A. SAVIDGE, S. E. HYGNSTROM, K. C. VERCAUTEREN, G. W. GARABRANDT, AND S. P. KORTE. 2008. Deer impact on vegetation in natural areas in southeastern Nebraska. *Natural Areas Journal* 28:121-129.
- 08-42 HAGY, H. M., G. M. LINZ, AND W. J. BLEIER. 2008. Optimizing the use of decoy plots for blackbird control in commercial sunflower. *Crop Protection* 27:1442-1447.
- 08-43 HALL, J. S., K. T. BENTLER, G. LANDOLT, S. A. ELMORE, R. B. MINNIS, T. A. CAMPBELL, S. C. BARRAS, J. J. ROOT, J. PILON, K. PABILONIA, C. DRISCOLL, D. SLATE, H. SULLIVAN, AND R. G. MCLEAN. 2008. Influenza infection in wild raccoons. *Emerging Infectious Diseases* 14:1842-1848.
- 08-44 HALL, J. S., R. B. MINNIS, T. A. CAMPBELL, S. BARRAS, R. W. DEYOUNG, K. PABILONIA, M. L. AVERY, H. SULLIVAN, L. CLARK, AND R. G. MCLEAN. 2008. Influenza exposure in the United States feral swine populations. *Journal of Wildlife Diseases* 44:362-368.

- 08-45 HELLICKSON, M. W., T. A. CAMPBELL, K. V. MILLER, R. L. MARCHINTON, AND C. A. DEYOUNG. 2008. Seasonal ranges and site fidelity of adult male white-tailed deer (*Odocoileus virginianus*) in southern Texas. *Southwestern Naturalist* 53:1-8.
- 08-46 HOMAN, H. J., G. M. LINZ, G. W. UNREIN, J. R. THIELE, AND J. M. HOBBS. 2008. Movements of European starlings captured at a winter roost in Omaha, Nebraska. *Proceedings of the North American Prairie Conference* 20:79-82.
- 08-47 HYGSTROM, S. E., B. D. TRINDLE, AND K. C. VERCAUTEREN. 2008. Managing deer damage in Nebraska. University of Nebraska-Lincoln Extension, Institute of Agriculture and Natural Resources, Lincoln, Nebraska.
- 08-48 JOHNSTON, J. J., R. BUNNING, N. TAYLOR, AND D. GRIFFIN. 2008. Benzoate adjuvant to increase the utility of methylxanthine pesticides: identification of a potential rodenticide formulation for organic food production. *Proceedings of the Vertebrate Pest Conference* 23:166-169.
- 08-49 KEMP, J. M., AND L. A. MILLER. 2008. Oral vaccination and immunocontraception of feral swine using *Brucella suis* with multimeric GnRH protein expression. *Proceedings of the Vertebrate Pest Conference* 23:250-252.
- 08-50 KILLIAN, G. J., D. THAIN, N. K. DIEHL, J. C. RHYAN, AND L. A. MILLER. 2008. Four-year contraception rates of mares treated with single-injection porcine zona pellucida and GnRH vaccines and intrauterine devices. *Wildlife Research* 35:531-539.
- 08-51 KILLIAN, G. J., D. WAGNER, K. A. FAGERSTONE, AND L. A. MILLER. 2008. Long-term efficacy and reproductive behavior associated with GonaCon[™] use in white-tailed deer (*Odocoileus virginianus*). *Proceedings of the Vertebrate Pest Conference* 23:240-243.
- 08-52 KIMBALL, B. A., AND K. R. PERRY. 2008. Manipulating beaver (*Castor canadensis*) feeding responses to invasive tamarisk (*Tamarix* spp.). *Journal of Chemical Ecology* 34:1050-1056.
- 08-53 KIMBALL, B. A., J. H. RUSSELL, J. P. DEGRAAN, AND K. R. PERRY. 2008. Screening hydrolyzed casein as a deer repellent for reforestation applications. *Western Journal of Applied Forestry* 23:172-176.
- 08-54 KING, D. T., AND J. E. CHASTANT. 2008. Water regurgitation by adult double-crested cormorants: a possible mechanism to assist in chick thermoregulation. *Waterbirds* 31:283-284.
- 08-55 KLUEVER, B. M., S. W. BRECK, L. D. HOWERY, P. R. KRAUSMAN, AND D. L. BERGMAN. 2008. Vigilance in cattle: the influence of predation, social interactions, and environmental factors. *Rangeland Ecology & Management* 61:321-328.
- 08-56 KOZLOWSKI, A. J., E. M. GESE, AND W. M. ARJO. 2008. Niche overlap and resource partitioning between sympatric kit foxes and coyotes in the Great Basin Desert of western Utah. *American Midland Naturalist* 160:191-208.
- 08-57 LEJEUNE, J., H. J. HOMAN, G. M. LINZ, AND D. L. PEARL. 2008. Role of the European starling in the transmission of *E. coli* O157 on dairy farms. *Proceedings of the Vertebrate Pest Conference* 23:31-34.
- 08-58 LINZ, G. M., H. J. HOMAN, H. M. HAGY, J. M. RAETZMAN, L. B. PENRY, AND W. J. BLEIER. 2008. A grower's guide for planting wildlife conservation sunflower plots. 30th National Sunflower Association Sunflower Research Forum. www.sunflowernsa.com/research/research-workshop/documents/Linz_GrowersGuide_08.pdf.
- 08-59 MASSEI, G., D. P. COWAN, J. COATS, F. GLADWELL, J. E. LANE, AND L. A. MILLER. 2008. Effect of the GnRH vaccine GonaCon on the fertility, physiology and behaviour of wild boar. *Wildlife Research* 35:540-547.
- 08-60 MATHIES, T., AND D. J. MARTIN. 2008. Overwintering site selection by short-horned lizards (*Phrynosoma hernandesi*) in northeastern Colorado. *Journal of Herpetology* 42:163-171.

08-61 MCLEAN, R. G., AND S. C. GUPTILL. 2008. Use of bird-banding information to investigate disease, safety, and economic issues of birds and their interactions with humans. Pages 231-244 in J. A. Jackson, W. E. Davis Jr., and J. Tautin, editors. Bird banding in North America: the first hundred years. Nuttall Ornithological Club, Cambridge, Massachusetts.

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08-65 MILLER, L. A., J. P. GIONFRIDDO, J. C. RHYAN, K. A. FAGERSTONE, D. C. WAGNER, AND G. J. KILLIAN. 2008. GnRH immunocontraception of male and female white-tailed deer fawns. *Human-Wildlife Conflicts* 2:93-101.

08-66 MONTPLAISIR, L. M., G. M. LINZ, D. TOMANEK, L. B. PENRY, D. L. BERGMAN, AND H. J. HOMAN. 2008. Movements of house sparrows captured at an experimental grain station in Fargo, North Dakota. *Proceedings of the North American Prairie Conference* 20:69-71.

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08-73 PETERS, M. B., K. H. BEARD, C. HAGEN, E. M. O'NEILL, K. E. MOCK, W. C. PITT, AND T. C. GLENN. 2008. Isolation of microsatellite loci from the coqui frog, *Eleutherodactylus coqui*. *Molecular Ecology Resources* 8:139-141.

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08-75 PETERSEN, M. L., G. M. LINZ, G. FORCEY, W. THOGMARTIN, AND W. J. BLEIER. 2008. Evaluation of stop-level vs. route-level Breeding Bird Survey counts for modeling the influence of land use and climate on breeding blackbird abundance in North Dakota. 30th National Sunflower Association Sunflower Research Forum. www.sunflowernsa.com/research/research-workshop/documents/Petersen_BreedingBirdSurvey_08.pdf.

08-76 PIAGGIO, A. J., J. J. JOHNSTON, AND S. L. PERKINS. 2008. Development of polymorphic microsatellite loci for the common vampire bat, *Desmodus rotundus* (Chiroptera: Phyllostomidae). *Molecular Ecology Resources* 8:440-442.

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08-79 RAMEY, C. A., K. H. MILLS, AND M. ROBIN. 2008. Synopsis of the Shoshone River skunk rabies epizootic in northwestern Wyoming. *Proceedings of the Vertebrate Pest Conference* 23:259-263.

08-80 REIDY, M. M., T. A. CAMPBELL, AND D. G. HEWITT. 2008. Evaluation of electric fencing to inhibit feral pig movements. *Journal of Wildlife Management* 72:1012-1018.

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