

## John P. Carroll, Ph.D.

### Office

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### Professional Employment

- Director and Professor, School of Natural Resources, University of Nebraska, August 2013 – Present
- Assistant, Associate, and Professor, Warnell School of Forestry and Natural Resources, University of Georgia, March 1998 – July 2013
- Senior Research Scientist and Head of the Lowland Gamebird Research Unit, The Game Conservancy Trust (now Game and Wildlife Conservation Trust), Fordingbridge, England, August 1995 – March 1998
- Assistant and Associate Professor, Department of Biological and Environmental Sciences, California University of Pennsylvania, January 1990 - August 1995
- Lecturer, Biology Department, University of North Dakota, May 1989 - August 1989
- Lecturer, Natural Resources Department, University of Minnesota/Crookston, September 1988 - December 1988

### Visiting and Adjunct Positions

- Visiting Professor, School of Bioresources & Technology, King Mongkut's University of Technology, Thonburi, Bangkok, Thailand, October 2005, November 2006, December 2009, May 2012, May 2013
- Visiting Professor, Department of Biology, University of Cyprus, Nicosia, Republic of Cyprus, January – August 2009
- Visiting Professor, College of Education, Near East University, Nicosia, Turkish Republic of North Cyprus, January – August 2009
- Visiting Scientist, Game Fund and Department of Environment, Ministry of Interior, Nicosia, Republic of North Cyprus, January – August 2009
- Visiting Professor, Department of Wildlife Ecology and Management, University of Freiburg, Freiburg, Germany, December 2004.
- Research Associate, Tall Timbers Research Station and Land Conservancy, 1998 - Present
- Adjunct Faculty, Department of Biology, Hainan Normal University, China, 2006 - Present
- Adjunct Faculty, Division of Forestry-Wildlife Resources Program, West Virginia University, 1994 - 1998

### Education

Ph.D. University of North Dakota, Biology, May 1989  
M.S. Eastern Kentucky University, Biology, December 1982  
B.S. University of Massachusetts, Wildlife Biology, May 1979

## **Postgraduate Awards and Honors**

- Elected Fellow of the Daugherty Water for Food Institute, University of Nebraska, 2014
- Elected Fellow of the Center for Great Plains Studies, University of Nebraska, 2013
- University of Georgia Office of International Education Study Abroad Award, 2013
- University of Georgia Graduate School Faculty Diversity Award, 2010
- Fulbright Teaching and Research Scholar in the Republic of Cyprus and Turkish Republic of North Cyprus, 2009
- African Studies Institute, University of Georgia, Outstanding Service Award, 2007
- African Studies Institute, University of Georgia, Outstanding Service Award, 2005
- University of Georgia Outstanding Teaching Award, 2004
- Pennsylvania Environmental Council and Duquesne Light Co., Three Rivers Environmental Awards for Higher Education, 1995
- Presidential Outstanding Faculty Researcher Award, California University of Pennsylvania, 1995
- California University of Pennsylvania, Dean's Council, Faculty Scholarship Award, 1995
- Appointed Environmental Liaison for California University of Pennsylvania, 1994-95
- California University of Pennsylvania Dean's Council, Faculty Scholarship Award, 1994

## **Other Certifications**

### ***Leadership***

- Leadership Training and Coaching with Leadership Resources, Inc., Lincoln and Omaha, NE, 2017-2018.

### ***Animal Use***

- Working with IACUC Basic Course (CITI), 2013, 2017
- Working with Laboratory Poultry (AALAS Learning Library), 2013
- IACUC 101 – Introduction to Animal Research (AALAS Learning Library), 2008, 2013
- Staying Healthy While Working with Laboratory Animals (AALAS Learning Library), 2008
- Institute of Biology Modules 1 (Animal Welfare History, Ethics, Animal Act, Housing, Code of Practice) Training for Personnel working under the Animal (Scientific Procedures) Act 1986 Certificate Number BIO96345 (United Kingdom), 1996
- Institute of Biology Module 2 (Wellbeing, Pain, Suffering, Distress, Handling and Restraint, Humane Killing, Personnel Safety) Training for Personnel working under the Animal (Scientific Procedures) Act 1986 Certificate Number BIO96345 (United Kingdom), 1996
- Institute of Biology Module 3 (Biology and Husbandry, Common Diseases, Anaesthesia and Analgesia, Health Monitoring) Training for Personnel working under the Animal (Scientific Procedures Act 1986) Certificate Number BIO96345 (United Kingdom), 1996
- Institute of Biology Module 5 (Ethics for Project Managers) Training for Personnel working under the Animal (Scientific Procedures) Act 1986 Certificate Number BIO96421 (United Kingdom), 1996

### ***Human Subjects***

- Basic Course in Human Subjects Protection Training through the Collaborative Institutional

Training Initiative (CITI), 2009

### ***International Education***

- Risk Management in Study Abroad, Office of International Education, University of Georgia, 2013.

### **University Teaching**

#### ***University of Nebraska – 2013 – Present***

- TEAC 924 – Secondary Science: Science Inquiry and Problem-Based Learning (3 credits) Summer course 2016, high school teachers.
- NRES 233 – Wildlife Field Techniques (1 credit), Fall 2017.

#### ***University of Nebraska Education Abroad***

- NRES 492 - International Wildlife Conservation - Southern Africa Study Abroad (6 credits), taught every Summer session 2014-Present, undergraduate/graduate.

#### ***University of Georgia – 1998 - 2013***

- WILD 5700-7700 (FORS 5770-7770) - Applied Population Dynamics (3 credits), Taught spring semester 1998-2013, senior/graduate.
- WILD 8300 – Introduction to R (1 credit seminar), taught fall 2010, graduate.
- WILD 8200 (FORS 8290) - Wildlife Telemetry (3 credits), 6 semesters, taught as needed, graduate.
- FORS 8300 - Fish and Wildlife Seminar (1 credit), 2 semesters, graduate.
- WILD 5330-7330 (FORS 5330-7330) - Wildlife Management in Agricultural Ecosystems (3 credits), 5 semesters, senior/graduate.
- FANR (FORS 3000) - Field Measurements (4 credits—part of lab), 5 semesters, taught every spring until 2005, then I was asked to step in and reorganize the lecture part of the course starting in 2010, junior.
- FORS 4730 - Senior Project (4 credits), 2 semesters, senior.
- FANR 2200 (FORS 2100) - International Issues in Conservation (3 credits), 7 semesters, taught each fall semester, non-major.

#### ***University of Georgia Study Abroad***

- WILD 5200-7200 (FORS 5250-7250) - International Wildlife Conservation - Southern Africa Study Abroad (6 credits), taught every Summer session 2001-2013, undergraduate/graduate.
- FORS 5250 - Wildlife Conservation in the Republic of Georgia (Grant Funded Study Abroad—from National Academies of Science and Engineering) (4 credits), 1 semester, taught spring 2005, undergraduate.

***University of Georgia Distance Learning***

- FANR 2100 – Natural History of Southern Africa (3 credits), Online course developed through the Independent and Distance Learning program at UGA. Fall 2010-Summer 2013.

***Guest Teaching – University of Georgia***

- FANR 1100 (FORS 1100) – Natural Resource Conservation (3 credits), guest lectures on international conservation issues. 4 Semesters, undergraduate (2005-2013).
- FANR 3000 – Field Measurements (4 credits), guest lectures on sampling, detection, and indices in fisheries and wildlife, undergraduate (2008-2009, 2011-2013).
- AFST 2100 – Introduction to Africa (3 credits), guest lectures on wildlife conservation in Africa, taught every semester, undergraduate (2001-2013).
- WILD 4000-6000 (FORS 4300-6300) – Wildlife Habitat Management (4 credits), guest lectures and lab on farmland wildlife management, taught every fall semester, senior/graduate (1998-2012).
- ECOL 4500-6500 – Population Ecology (3 credits), guest lectures on application of population biology theory for ecology students, taught every fall semester, upper division (2010-2012).

***Near East University – 2009***

- Applied Population Ecology, graduate students. About 35 hours of lectures and 25 hours of lab.

***King Mongkut's University of Technology – 2004, 2006, 2009, 2012, 2013***

- Applied Population Ecology, graduate students. Invited to fill need in department for a course in population biology until the position can be filled. About 35 hours of lectures and 25 hours of lab.

***University of Freiburg – 2004***

- Wildlife Management, 2 sections, 2<sup>nd</sup> and 3<sup>rd</sup> year students. Co-taught course with Dr. Ilse Storch, presented 16 1-hour lectures.

***California University of Pennsylvania - 1990-1995***

- Wildlife Management Techniques, 6 semesters, junior/senior/graduate.
- Principles of Wildlife Management, 5 semesters, junior/senior/graduate.
- Experimental Design and Analysis, 5 semesters, senior/graduate.
- Ornithology, 3 semesters, junior/senior/graduate.
- Field Biology, 1 semester, sophomore.
- Introductory Zoology, 2 semesters, freshman.
- Man and His Environment, 8 semesters, non-major.
- Biotic Communities, 1 semester, sophomore/junior.

***University of North Dakota***

- General Ecology, 1 semester, sophomore/junior, 1989

***University of Minnesota/Crookston***

- General Ecology, 1 semester, sophomore, 1988

***Short Courses Taught***

- Field Techniques Training Workshop – January 2011 in the Gola Forest, Sierra Leone. Three-day training program for Gola Forest Rangers, field technicians for the Trans-Boundary Program, and Tiwai Island technicians, with April Conway and Annika Hillers.
- Scientists Workshop - Young Asian Biologist Training Workshop, November 2010 in Bangkok, Thailand. One-week training program for a group of young Asian biologists in field methods for studying Galliformes, with Drs. Phil McGowan, George Gale, Tomasso Savini, and Huw Lloyd.
- Wildlife Management and Forestry Short course. Georgia Center for Continuing Education. Co-taught 2-day workshop with Dr. Karl Miller, once per year for wildlife and forestry professionals. (yearly, 2001-Present)
- Scientists Workshop - Young Asian Biologist Training Workshop, October 2007 in Chengdu, Sichuan, China. One-week training program for 16 young Asian biologists in field methods for studying Galliformes, with Drs. Phil McGowan, Brant Faircloth, Theron Terhune, and Jeff Thompson.
- Co-Chair, Scientists Workshop - Young Asian Biologist Training Workshop, Indian Veterinary Research Institute, April 2004. One-week training program for 16 young Asian biologists in field methods for studying Galliformes, with Drs. Rajiv Kalsi, Mike Conroy, and Mr. Brant Faircloth.
- Scientists Workshop - Young Asian Biologist Training Workshop, National Conservation and Research Training Centre run by the King Mahendra Trust for Nature Conservation, Nepal, October 2000. One-week training program for 18 young Asian biologists in field methods for studying Galliformes, with Drs. Peter Garson and Phil McGowan
- Scientists Workshop - Young Asian Biologist Training Workshop, Kuala Lompat, Malaysia, October 1997. One-week training program for 13 young Asian biologists in field methods for studying Galliformes, with Dr. Phil McGowan

**Supervision of Graduate Students*****Graduate Advisor—M.S.***

\*Co-advisor \*\*Field advisor

1. Castillo, Jazmin\*. In progress, UNL. Spatial ecology and human impacts on Spotted Hyenas (*Crocuta crocuta*) in the Northern Tuli Game Reserve, Botswana.
2. McCollum, Katherine\*, 2015, UNL. Spatial ecology of the kori bustard on the Mashatu Reserve, Botswana.
3. Sofferin, Seth, handed over to colleagues, UGA, Effect of fire scale on northern bobwhite ecology in Florida prairie. 2014.

4. Satterfield, Lauren, 2014, UGA, Use of baited camera traps to sample carnivore communities in eastern Botswana.
5. Welch, Chelsea, handed over to colleagues, UGA, Non-thesis—Peace Corp Masters Program. 2013.
6. Grimes, Paul, 2012, UGA, Ecology of bobwhite quail relative to management on Ft. Gordon, Georgia.
7. Flowers, Ami\*, 2012, UGA, Using art in environmental education: The effect of an art-based EE program on children's environmental attitudes and awareness.
8. Horan, Robert, 2011, UGA, Telemetry study on an arboreal frog species, *Agalychnis spurrelli*, on Barro Colorado Island, Panama.
9. Cass, Randy, 2008, UGA, Effects of rearing on northern bobwhite chick behavior.
10. Hadiprakarsa, Yoki\*, 2008, UGA, Landscape ecology, fragmentation, and population viability of hornbills in Sumatra.
11. Burnham, Joe, 2008, UGA, Bobwhite hen behavior relative to nest predation.
12. Belt, Erin, 2008, UGA, Non-thesis
13. Gates, Brian\*, 2008, UGA, Effects of longleaf pine restoration on early successional songbirds.
14. Butler, Adam, 2007, UGA, Effects of range management on songbird communities in southern Florida.
15. Sash, Kim, 2007, UGA, Trophic ecology of a snake community in managed pine landscapes.
16. Shamblin, Brian\*, 2007, UGA, Population genetics of loggerhead sea turtles.
17. Valentine, Teresa, 2007, UGA, Regional gene flow in fragmented bobwhite quail populations.
18. Juhan, Michael, 2006, UGA, Wild turkey ecology in landscapes managed for bobwhite quail.
19. Rodriguez, Jessica, 2006, UGA, Parasites of the northern bobwhite relative to management in Georgia.
20. Hannon, Christina, 2006, UGA, Effect of understory burn size and the population demographics of cotton rats.
21. Whitelaw, Ryan (MFR)\*, 2006, UGA, Non-thesis.
22. Doxon, Elizabeth, 2005, UGA, Brood ecology of bobwhite quail and ring-necked pheasant relative to CRP management in Kansas.
23. Stapleton, Seth, 2005, UGA, Snake community ecology relative to bobwhite quail management.
24. Cook, Patrick, 2004, UGA, Effects of field margin management of bobwhite quail demographics.
25. Sitompul, Arnold, 2004, UGA, Human-elephant interactions on Sumatra.
26. Burkhart, Jason, 2004, UGA, Impacts of Bermuda grass invasion on crop field margin management.
27. Bliss, Thomas, 2004, UGA, Spatial effects of set aside management on ring-necked pheasant broods in Austria.
28. Thornton, Ryan, 2003, UGA, Demographic effects of mammalian predator removal on bobwhite quail.
29. Anderson, Brandon, 2002, UGA, Survival of hen pheasants on managed farmland in Lower Austria.
30. Winarmi, Nurul, 2002, UGA, Ecology and population of the great argus pheasant in Sumatra.
31. Cederbaum, Sandra\*, 2002, UGA, Effects of alternative cotton cropping systems on songbirds.
32. Hamrick, Richard, 2002, UGA, Response of bobwhite quail to a landscape level habitat management program.
33. Maidens, Denise, 2001, UGA, Value of food plots for bobwhite quail brood habitat.
34. Staller, Eric, 2001, UGA, Nest predation of bobwhite quail using continuous video monitoring.
35. Brinton, Jacquelyn\*\*, 1996, University of Reading-UK, Effects of roe deer on understory vegetation in small woodlands in England.
36. Calabrese, Amy, 1995, CUP, Effects of weather on waterfowl use of small streams during winter.

37. Smith-Roberts, Joann, 1992, CUP, Effects of diflubenzuron on wild turkey eggs.

***Graduate Advisor, Ph.D. Students***

1. Snyman, Andrei\*, 2016, UNL, Spatial ecology of male lions on the Mashatu Reserve, Botswana.
2. Tanasarnpaiboon, Supatcharee\*, 2016, UNL, Conservation of gaur in southern Thailand.
3. Candelario, Luis, handed over to colleagues, UGA, Spatial ecology of leopards in the Mashatu Reserve, Botswana. 2015
4. Conway, April\*, 2013, UGA, Conservation of the pygmy hippopotamus in Sierra Leone.
5. Lee, Myung-Bok, 2013, UGA, Hierarchical modeling of songbirds in fragmented forests in the Sand Hills of Georgia.
6. Hickey, Jenna\*, 2012, UGA, Population modeling and abundance estimation of bonobos (*Pan paniscus*) in relation to timber harvest, slash-and-burn agriculture, and bushmeat hunting: Harmonizing bonobo conservation with sustainable development.
7. Xu Yu\*, 2011, Joint Ph.D. University of Sichuan and UGA, Conservation of endangered Chinese Galliformes.
8. Ellis, Susan\*, 2010, UGA, Experimental analysis of predation ecology of the northern bobwhite in the Southeast.
9. Martin, James, 2010, Bobwhite quail management relative to range management in Florida.
10. Terhune, Theron, 2008, UGA, Demographic and genetic effects of wild transplanted quail on an isolated population.
11. Faircloth, Brant, 2008, UGA, Parental investment and relatedness in bobwhite quail.
12. Eo, Soo Hyung, 2008, UGA, Integrating phylogenetic relationships and population structure for conservation planning in Galliformes.
13. Thompson, Jeff, 2007, UGA, Agriculture and Gamebirds: A global synthesis with an Emphasis on the Tinamiformes in Argentina.
14. Woodburn, Maureen\*\*, 2000, University of Southampton (U.K.), Field Advisor; Parasite impacts on breeding success of hand-reared pheasants in the wild.
15. Papeschi, Anna\*\*, 1998, University of Florence (Italy), Field Advisor; Sexual selection in the ring-necked pheasant.

***Undergraduate Senior Thesis Advisor***

***University of Nebraska***

1. Hollman, Bethany. In progress 2017. Use of image recognition software to identify individual small spotted and large spotted genets. (Cabella's Mentorship)
2. Hruza, Emily. In progress. 2017. Water Use Patterns of the Chacma Baboon (*Papio ursinus*) During the Dry Season in the Mashatu Game Reserve of Eastern Botswana. (UCARE, Cabella's Mentorship)
3. Castillo, Jazmin. 2017. Estimation of Distribution and Abundance of the Spotted Hyena (*Crocuta crocuta*) in the Northern Tuli Game Reserve, Botswana. (UCARE, Cabella's Mentorship, McNair Fellow)
4. McDaniel, Jessica. 2017. Use of Aphis software to assess individual identification of African civets using spot patterns.
5. Wilton, Ann. 2017. Using new unmanned aerial vehicle technology to enhance conservation biology research (biology) (UCARE)

6. Brigg, Charles. 2017. Using new unmanned aerial vehicle technology to enhance conservation biology research (engineering) (UCARE)

### ***University of Georgia***

1. McCollum, Katherine. 2013. Occupancy and distribution of the red river hog on Tiwai Island, Sierra Leone.
2. Belinfante, Emily. 2013. Estimating occupancy by forest ungulates on Tiwai Island, Sierra Leone.
3. King, Rachel. 2013. Aardvark (*Orycteropus afer*) Burrow Utilization in Mashatu Game Reserve, Botswana
4. Anderson, Adren. 2013. The efficacy of USDA scent station technique for assessing predator communities in Eastern Botswana.
5. Wood, Chandler. 2013. Foraging patterns of the warthog in the Mashatu Reserve, Botswana.
6. Chapman, KayLeigh. 2012. Comparison of two survey techniques for mammalian predators in Mashatu Reserve, Botswana.
7. Sofferin, Seth. 2012. Weather effects on northern bobwhite whistle counts.
8. Laity, Kellie. 2012. Distribution and abundance of sooty mangabeys on and around Tiwai Island, Sierra Leone.
9. Alred, Ashley. 2012. Adaptive management plan for primate enrichment at Chimps Incorporated.
10. Smoak, Jamie. 2011. Occupancy and abundance of large armored darkling beetles at the Ecotraining Camp, Mashatu Reserve, Botswana.
11. Cronin, Mallory, 2009, Effects of previous experience and chick exposure on brood adoption by adult bobwhite hens.
12. Flowers, Ami, 2008, Development of a distance-learning course on the natural history of South Africa for the University System of Georgia African Studies Certificate.
13. Jobs, Doug, 2008, Movements of cattle relative to habitat on Central Florida rangeland.
14. Miller, Anne, 2007, Northern bobwhite hen behavior during predation events at nests.
15. Brooks, Ty, 2006, Development of microsatellite markers for the raccoon.
16. Crawford, Nevena, 2005, Northern bobwhite brood habitat selection in South Florida.
17. Whitelaw, Ryan, 2004, Effects of winter feeding on diet of wild northern bobwhite quail.
18. Turner, Gretchen, 2004, Incubation patterns of wild male and female northern bobwhite quail.
19. Fritts, Sarah, 2003, An inventory and assessment of medicinal plants and animals used by traditional healers in Limpopo Province, South Africa.
20. Venter, Heather, 2001, Effects of cover crops on northern bobwhite brood habitat.
21. Utz, Kristen, 2001, Comparison of crop versus fecal analysis for diet assessment in northern bobwhite chicks.
22. Goldberg, Elena, 1999, Effects of alternative cotton cropping system on northern bobwhite brood habitat.

### ***Membership on M.S. and Ph.D. Graduate Committees***

- Served on 40+ graduate committees at UGA
- External examiner for Ph.D. students at the University of Oulu, Finland,
- External examiner for M.S. students at the University of Capetown and Technicon Pretoria, South Africa, and National Agriculture University, Pakistan.
- External examiner for M.S. and Ph.D. students at King Mongkut's Technology University-Thailand
- External advisor for M.S. student at the University of the West Indies



- Served on 10 graduate committees at CUP

## Publications

### *Books and Monographs:*

1. Conroy, M.J., **J.P. Carroll**, J.C. Senar, and J.J. Thompson. 2015. Métodos cuantitativos para la Conservación de los Vertebrados. School of Natural Resources, University of Nebraska. ISBN 1-56161-051-8 and 978-1-56161-051-8. 349pp.
2. Conroy, M.J., and **J.P. Carroll**. 2009. Quantitative conservation of vertebrates, 1st edition. Wiley-Blackwell Publishing, ISBN 978-1-4051-8228-7 (pb) and 978-1-4051-9098-5(hb). 336pp.
3. Cederbaum, S.B., B.C. Faircloth, T.M. Terhune, J.J. Thompson, and **J.P. Carroll** (eds.). 2009. Proceedings of Gamebird 2006. Quail VI and Perdix XII. Warnell School of Forestry and Natural Resources. University of Georgia, Athens. 541pp. ISBN: 978-0-9703886-1-2 (paperback), and 978-0-9703886-2-9 (compact disk).
4. Eitniear, J.C., **J.P. Carroll**, J.T. Baccus, and S.L. Dingle (eds.). 2003. Conservation of quail in the Neotropics. Center for the Study of Tropical Birds, Inc., San Antonio, Texas. 84pp.
5. Woodburn, M., P. McGowan, **J. Carroll**, A. Musavi, and Z. Zhang (eds.). 2001. Galliformes 2000: Proceedings of the 2<sup>nd</sup> International Galliformes Symposium. World Pheasant Association. 256pp.
6. Fuller, R. A., **J.P. Carroll**, and P.J. K. McGowan. 2000. Status survey and conservation action plan 2000-2004: partridges, quails, francolins, snowcocks, guineafowl, and turkeys. World Conservation Union and Species Survival Commission, Gland, Switzerland, and Cambridge, UK. 95pp.
7. **Carroll, J.P.**, P.J. Garson, and P.J.K. McGowan (eds.). 1999. International Conference on Galliformes in Asia. Bird Conservation International 9:315-416.
8. McGowan, P.J.K., S.D. Dowell, **J.P. Carroll**, and N.J. Aebischer (eds.). 1995. Galliform Conservation Action Plan, 1995-1999. IUCN-SSC. Gland, Switzerland.
9. McGowan, P.J., **J. Carroll**, and S. Ellis (eds.). 1994. Galliformes conservation assessment: Report from the workshop held 1-3 February 1993. Conservation Breeding Specialist Group, Apple Valley, MN. 166pp.
10. **Carroll, J.P.** 1993. Gray Partridge. *In* The birds of North America, No. 58. A. Poole, and F. Gill, eds. The Academy of Natural Sciences, Philadelphia and the American Ornithologists' Union, Washington, D.C. 20 pp.

### *Peer-reviewed Journal Articles:*

1. Snyman, A., E. Raynor, C. Chizinski, L. Powell, and **J. Carroll**. African lion (*Panthera leo*) space use in eastern Botswana's transfrontier conservation area. African Journal of Wildlife Research (*accepted*)
2. Lee, M.B. and **J.P. Carroll**. Effects of patch size and basal area on avian taxonomic and functional diversity in pine forests: Implication for the influence of habitat quality on the species-area relationship. Ecology and Evolution (*accepted*)
3. McCollum, K.R., L.A. Powell, A. Snyman, M.B. Brown, and **J.P. Carroll**. 2018. Kori bustards (*Ardeotis kori*) respond to vegetation density and elevation in the Northern Tuli Game Reserve, Botswana. Avian Conservation and Ecology 13: <https://doi.org/10.5751/ACE-01191-130113>.

4. Satterfield, L.C., J.J. Thompson, A. Snyman, L. Candelario, B. Rode, and **J.P. Carroll**. 2017. Estimating occurrence and detectability of a carnivore community in eastern Botswana using baited camera traps. *African Journal of Wildlife Research* 47:32-46.
5. Yu, X., S.N. Ellis-Felege, and **J.P. Carroll**. 2017. Parental risk-taking at natural Northern Bobwhite nests. *Avian Biology Research* 10:69-75.
6. McDermid, K.R., A. Snyman, F.J. Verreynne, **J.P. Carroll**, B.L. Penzhorn, and M.J. Yabsley. 2017. Surveillance for viral and parasitic pathogens in a vulnerable African lion (*Panthera leo*) population in the Northern Tuli Game Reserve, Botswana. *Journal of Wildlife Diseases* 37:54-61.
7. Larson, L., A. Conway, S. Hernandez, and **J. Carroll**. 2016. Human-wildlife conflict, conservation attitudes, and a potential role for citizen science in Sierra Leone, Africa. *Conservation and Society* 14:205-217.
8. McCollum, K.R., A.L. Conway, M.B. Lee, and **J.P. Carroll**. 2016. Occupancy and demographics of red river hog *Potamochoerus porcus* on Tiwai Island, Sierra Leone. *African Journal of Ecology* 55:47-55.
9. Larson, L.R., A.L. Conway, K.E. Krafte, S.M. Hernandez, and **J.P. Carroll**. 2016. Community-based conservation as a potential source of conflict around a protected area in Sierra Leone. *Environmental Conservation* 43:242-252.
10. Martin, J. A., J.K. Burkhart, R.E. Thackston, and **J.P. Carroll**. 2015. Exotic grass alters microclimate and mobility for northern bobwhite chicks. *Wildlife Society Bulletin* 39:834-839.
11. Conway, A.L., T.W. deMaar, S.M. Hernandez, and **J.P. Carroll**. 2015. Evaluation of radio transmitter attachments for the pygmy hippopotamus (*Choeropsis liberiensis*) *African Journal of Ecology* 53:606-608.
12. Lee, M.B. and **J.P. Carroll**. 2014. Avian diversity in pine forests along an urban-rural/agriculture-wildland gradient. *Urban Ecosystem* 18:685-700.
13. Nguyen, T.V., T. Savini, and **J.P. Carroll**. 2014. Defining the present range of the orange-necked partridge (*Arborophila davidi*) in Vietnam. *Natural History Bulletin of the Siam Society* 60:23-30.
14. Flowers, A., G. Green, and **J.P. Carroll**. 2015. Using art to assess environmental education outcomes. *Environmental Education Research* 21:846-864.
15. Conway, A.L., S.M. Hernandez, **J.P. Carroll**, G.T. Green, and L. Larson. 2014. Local awareness of and attitudes toward pygmy hippopotamus conservation in the Moa River Island Complex, Sierra Leone. *Oryx* 49:550-558.
16. Rush, S.A., K. Sash, **J. Carroll**, B. Palmer, A.T. Fisk. 2014. Feeding ecology of the snake community of the Red Hills region relative to management for northern bobwhite: Assessing the diet of snakes using stable isotopes. *Copeia* 2014:288-296.
17. Lee, M.B. and **J.P. Carroll**. 2014. Relative importance of local and landscape variables on site occupancy by avian species in a pine forest, urban, and agriculture matrix. *Forest Ecology and Management* 320:161-170.
18. Ellis-Felege, S., J. Burnam, W. Palmer, D.C. Sisson, and **J. Carroll**. 2013. Fight or flight: Parental decisions about predators at bobwhite nests. *Auk* 130:637-644.
19. Loyd, K.A.T., S.M. Hernandez, **J.P. Carroll**, K.J. Abernathy, and G.J. Marshall. 2013. Quantifying free-roaming domestic cat predation using animal-borne video cameras. *Biological Conservation* 160:183-189.
20. Martin, J.A., W.E. Palmer, and **J.P. Carroll**. 2013. Aspects of Northern Bobwhite ecology on South Florida rangeland. *European Journal of Wildlife Research* 59:405-214.
21. Martin, J.A., W.E. Palmer, S.M. Juhan, and **J.P. Carroll**. 2012. Wild turkey habitat selection in frequently-burned pine savanna. *Forest Ecology and Management* 285:179-186.

22. Hickey, J.R., **J.P. Carroll**, and N.P. Nibbelink. 2012. Applying landscape metrics to characterize potential habitat of bonobos (*Pan paniscus*) in the Maringa-Lopori-Wamba landscape, Democratic Republic of the Congo. *International Journal of Primatology* 33:381-400.
23. Ellis-Felege, S.N., M.J. Conroy, W.E. Palmer, and **J.P. Carroll**. 2012. Compensatory shifts in predation risk of a ground nesting bird in response to predator reduction. *Journal of Applied Ecology* 49:661-669.
24. Sitompul, A.F., M.J. Tyson, **J.P. Carroll**, and T. O'Brien. 2010 (published in 2011). Crop raiding by elephants adjacent to two national parks in Lampung Province, Sumatra, Indonesia. *Gajah* 33:26-34.
25. Eo, S.H., S.J. Rhim, W.S. Lee, and **J.P. Carroll**. 2011. Genetic diversity and population structure of the Korean field mouse (*Apodemus peninsulae*) in South Korea: from 17 previously and newly developed microsatellite markers. *Genes and Genomics* 33:445-449.
26. Phoonjampa, R., A. Koenig, W.Y. Brockelman, C. Borries, G.A. Gale, **J.P. Carroll**, and T. Savini. 2011. Forest characteristics, habitat disturbance, and population density of pileated gibbons *Hylobates pileatus* in southeast Thailand. *Biotropica* 43:619-627.
27. Terhune, T.M., D.C. Sisson, W.E. Palmer, B.C. Faircloth, H.L. Stribling, and **J.P. Carroll**. 2010. Survival, movements, and site fidelity of translocated and resident northern bobwhites following translocation to a fragmented landscape. *Ecological Applications* 20:1040-1052.
28. Conway, A., S. Hernandez, and **J.P. Carroll**. 2010. Rufous fishing owl *Scotopelia ussheri* camera-trapped at midday near Tiwai Island, Sierra Leone. *Bulletin of the African Bird Club* 17:90-91.
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### Papers at Conferences

All papers are oral presentations unless noted. Also, invited papers are noted.

1. Pennisi, L. and **J.P. Carroll**. What can African nations teach us about ecotourism development in the Great Plains? Plains Safaris: A Conference on Tourism and Conservation in the Great Plains. Center for Great Plains Studies, University of Nebraska. 19 April 2018, Kearney, NE.
2. **Carroll, J.P.** Resilience of nature-based and built infrastructure (session and discussion moderator). The Science, Business, and Education of Sustainable Infrastructure – Building Resilience in a Changing World. National Council of Science and the Environment, 23 January 2018, Washington, DC.
3. Burnett, J.L., S.S. Wszola, N.A. Mirochnitchenko, E.F. Stuber, C.R. Allen, M.B. Brown, D. Tidwell, and **J.P. Carroll**. Gray partridge distribution in North America: Changing landscapes and

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4. Ellis-Felege, S.N., S.N. Albeke, N.P. Nibbelink, M.J. Conroy, W.E. Palmer, and **J.P. Carroll**. Landscape features affecting Northern Bobwhite predator-specific nest failures in Southeastern USA. Quail VIII, 28 July 2017, Knoxville, TN.
  5. Castillo, J., A. Snyman, and **J.P. Carroll**. Estimation of distribution and abundance of the spotted hyena (*Crocuta crocuta*) in the Northern Tuli Game Reserve. 77<sup>th</sup> Midwest Fish and Wildlife Conference, 8 February 2017, Lincoln, NE.
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  7. **Carroll, J.P.** and A Snyman. Tail of two Cecils: Land tenure and conservation in southern Africa. 41<sup>st</sup> Annual Meeting of the Social Science History Association. 18 November 2016, Chicago, IL.
  8. McCollum, K., L. Powell, A. Snyman, M. Bomberger, **J. Carroll**. Occupancy analysis and density estimation of Kori Bustards (*Ardeotis kori*) and Helmeted Guineafowl (*Numida meleagris*) for use in landscape conservation planning in the Northern Tuli Game Reserve, Botswana. North American Ornithology Conference 2016. 16-20 August 2016, Washington, DC. (Poster)
  9. **Carroll, J.P.** Bobwhites, corn fields, and 9 billion people: Is there a place for gamebird management in 50 years? 22<sup>nd</sup> Annual National Bobwhite Technical Committee Meeting. 1-4 August 2016, Lincoln, NE. (Plenary)
  10. Snyman, A., L. Powell, and **J. Carroll**. Pattern recognition using spatial statistics to identify African lion and leopard kills from GPS movement data. Nebraska Chapter of The Wildlife Society 50<sup>th</sup> Conference. March 8-10, 2016, Kearney, NE.
  11. McCollum, K., L. Powell, A. Snyman, and **J. Carroll**. Occupancy and abundance of kori bustards (*Ardeotis kori kori*) and Helmeted Guineafowl (*Numida meleagris*) for use in landscape conservation planning in the Northern Tuli Game Reserve, Botswana. Nebraska Chapter of The Wildlife Society 50<sup>th</sup> Conference. March 8-10, 2016, Kearney, NE.
  12. Castillo, J., A. Snyman, and **J. Carroll**. Estimation of distribution and abundance of the spotted hyena (*Crocuta crocuta*) in the Northern Tuli Game Reserve. Nebraska Chapter of The Wildlife Society 50<sup>th</sup> Conference. March 8-10, 2016, Kearney, NE
  13. Welch, C., S. Hernandez, J. Hepinstall-Cymerman, **J. Carroll**, S. Curry. Site fidelity and movement of urbanized White Ibises in South Florida. International Urban Wildlife Conference. 17-20 May 2015, Chicago, IL.
  14. Stohlgren, K.M., C.J. Jenkins, J.M. Maerz, **J.P. Carroll**, and N.P. Nibbelink. Eastern diamondback rattlesnake occupancy of coastal dune habitats in Georgia. Biology of the Pitvipers 2, 4-7 June 2014, Tulsa, OK.
  15. McDermid, K., M.J. Yabsley, **J.P. Carroll**, F.J. Verreynne, and A. Snyman. Pathogen prevalence in a highly vulnerable population of African lions (*Panthera leo*); an initiative to conserve lions in the Northern Tuli Game Reserve, Botswana. The 2014 Sustainability Science Symposium and Workshop, 28 February 2014, Athens, GA (Poster)
  16. Ellis-Felege, S.N., J. S. Burnam, W. E. Palmer, D. C. Sisson, and **J.P. Carroll**. Fight or flight: parental decisions about predators at bobwhite nests. 20<sup>th</sup> Annual Conference of The Wildlife Society, 5-10 October 2013, Milwaukee, WI (Poster)
  17. Flowers, A., G.T. Green, and **J.P. Carroll**. Effects of art-based environmental education (EE) on children's drawings. 35<sup>th</sup> Annual Southeastern Recreation Research Conference, 24-26 February, 2013, Athens, GA (Poster)



18. Conway, A., S. Hernandez, and **J. Carroll**. Development of methods for physical capture of the pygmy hippopotamus in Sierra Leone. The Wildlife Society, 2012 Conference, 16 October 2012, Portland, OR. (Poster)
19. Lee, M.B. and **J. Carroll**. Effect of stand structure on avian community in a pine forest: A proper level of basal area for forest management. The Wildlife Society, 2012 Conference, 15 October 2012, Portland, OR. (Poster)
20. Conway, A., S. Hernandez, **J. Carroll**, and L. Larson. Rural people's attitudes towards conservation near Tiwai Island, Sierra Leone. Student Conference on Conservation Science, New York, 10-12 October 2012, New York. (Poster)
21. Larson, L., A. Conway, S. Hernandez, and **J. Carroll**. Local perceptions of pygmy hippopotamus conservation in Sierra Leone, Africa. Pathways to Success Conference: Integrating Human Dimensions into Fish and Wildlife Management, 24-27 September 2012, Breckenridge, CO.
22. Loyd, K.A.T., S.M. Hernandez, K.J. Abernathy, B. Foster, **J.P. Carroll**, G.J. Marshall, and M. Yabsley. KittyCams: A new look at suburban free-roaming cat predation. 97<sup>th</sup> Annual Meeting, Ecological Society of America, August 9, 2012, Portland, OR. (Poster)
23. Lee, M.B. and **J.P. Carroll**. Assessing scale dependencies in avian species in a pine forest, agriculture, and urban matrix. 97<sup>th</sup> Annual Meeting, Ecological Society of America, August 9, 2012, Portland, OR. (Poster)
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25. Conway, A., S. Hernandez, and **J. Carroll**. Development of radio transmitter attachment protocols for the pygmy hippopotamus (*Choeropsis liberiensis*). Society for Conservation Biology 1<sup>st</sup> North America Congress for Conservation Biology, 15-18 July 2012, Oakland, CA. (Poster)
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29. Martin, J.A., J. Burkhart, R.E. Thackston, and **J.P. Carroll**. Impacts of bermudagrass on Northern Bobwhite chicks: mobility and heat exposure. Quail VII: National Quail Conference, 9-12 January 2012, Tucson, AZ.
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32. Hickey, J.R., N.P. Nibbelink, and **J.P. Carroll**. A model to quantify effects of habitat fragmentation and bushmeat hunting on bonobo (*Pan paniscus*) distributions in support of conservation planning. Society for Conservation Biology 25<sup>th</sup> International Congress for Conservation Biology, 5-9 December 2011, Auckland, New Zealand.

33. Loyd, K.A.T., S.M. Hernandez, **J.P. Carroll**, G.T. Marshall, M.J. and Yabsley. Kitty Cams: A novel technique to measure domestic cat predation on wildlife. The Wildlife Society's 18<sup>th</sup> Annual Conference, 6 November 2011, Waikoloa, HI.
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35. Lee, M.B. and **J.P. Carroll**. Patch size and avian biodiversity in Southeastern forests: How big is big enough? Southeast Region Meeting of the Cooperative Ecosystem Studies Units, 27 October 2011, St. Petersburg, Florida.
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38. Larson, L., A. Flowers, G.T. Green, and **J.P. Carroll**. Effects of an art-based environmental education program on children's environmental orientations. North American Association for Environmental Education - 40<sup>th</sup> National Conference, 12-15 October 2011, Raleigh, NC. (Poster)
39. Flowers, A., G.T. Green, G. T., and **J. Carroll**. Evaluation the effects of art in an environmental education summer program on children's environmental attitudes and awareness. Southeastern Recreation Resource Conference, 27 February – 1 March 2011, Boone, NC.
40. **Carroll, J.P.** Science, conservation, and abundance estimation of Galliformes. 5<sup>th</sup> International Galliformes Symposium, 9 November 2010, Chiang Mai, Thailand. (Plenary)
41. **Carroll, J.P.** and S.N. Ellis-Felege. Future of cameras for studying Galliformes nesting. 5<sup>th</sup> International Galliformes Symposium, 10 November 2010, Chiang Mai, Thailand.
42. Horan III, R.V., R.W. Kays, M.C. Wikelski, and **J.P. Carroll**. Automated radio telemetry for the study of anuran dispersal, movements and activity patterns: Perspectives from Barro Colorado Island, Panama. The Wildlife Society's 17<sup>th</sup> Annual Conference, 6 October 2010, Snowbird, Utah.
43. Ellis-Felege, S.N., M.J. Conroy, D.C. Sisson, W.E. Palmer, and **J.P. Carroll**. Predation Management and Gamebird Nesting: Understanding Dynamics of Predator Removal. The Wildlife Society's 17<sup>th</sup> Annual Conference, 6 October 2010, Snowbird, Utah.
44. Hickey, J.R., N.P. Nibbelink, and **J.P. Carroll** Habitat modeling of bonobos in relation to bushmeat hunting, slash and burn agriculture and timber harvest. XXII International Primatological Society Meetings, 12 September 2010, Kyoto, Japan.
45. Phoonjampa, R., A. Koenig, W.Y. Brockelman, C. Borries, G.A. Gale, **J.P. Carroll**, and T. Savini. Forest characteristics, habitat disturbance, and population density of pileated gibbons *Hylobates pileatus* in southeast Thailand. The 2010 International Meeting of the Association of Tropical Biology and Conservation, 19-23 July 2010, Bali, Indonesia.
46. Ellis-Felege, S.N., M.J. Conroy, D.C. Sisson, W.E. Palmer, and **J.P. Carroll**. Influence of mesomammal predator control on predator landscape-level spatial occupancy in northern Florida and southern Georgia. 24<sup>th</sup> Vertebrate Pest Conference, 22-25 February 2010, Sacramento, California.
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49. Ellis-Felege, S.N., W.E. Palmer, D.C. Sisson, and **J.P. Carroll**. Landscape features affecting Northern Bobwhite nest fate by specific failure causes in the Southeastern, USA. 7<sup>th</sup> Southern Forestry and Natural Resource GIS Conference, 7-9 December 2009, Athens, Georgia.
50. **Carroll, J.P.** Conservation measures: Lessons learned from other countries. Workshop on Climate Change Vulnerability of Cyprus to Climatic Extremes, U. S. Embassy in Cyprus, 11 November 2009, Nicosia, Cyprus.
51. **Carroll, J.P.** Predator Control to Predation Management: A Global Perspective. Southeastern Association of Fish and Wildlife Agencies Annual Conference, 3 November 2009, Atlanta, Georgia. (Invited)
52. Ellis-Felege, S.N., M.J. Conroy, and **J.P. Carroll**. Shifts in predation risk at camera-monitored Northern Bobwhite nests as a result of meso-mammalian predator removal in the Southeastern, USA. International Society for Ecological Modeling Conference, 6-9 October 2009, Quebec City, Quebec, Canada.
53. Burnam, J.S., G. Turner, W.E. Palmer, and **J.P. Carroll**. Monitoring patterns of incubation behavior in northern bobwhites. Annual Conference of the American Ornithologists' Union, 4-6 August 2008, Portland, Oregon. (Invited)
54. Miller, A., S.N. Ellis-Felege, W.E. Palmer, and **J.P. Carroll**. Assessing northern bobwhite behavior relative to partial depredation events. Annual Conference of the American Ornithologists' Union, 4-6 August 2008, Portland, Oregon. (Invited)
55. **Carroll, J.P.** Sustainability and relevance as foundations of game management in the 21<sup>st</sup> century. First Turkish Game Management and Hunting Conference, 17-20 April 2008, Antalya, Turkey. (Plenary)
56. **Carroll, J.P.** Hunting and reared gamebirds: Implications for conservation. First Turkish Game Management and Hunting Conference 17-20 April 2008, Antalya, Turkey. (Invited)
57. Terhune, T.M., B.C. Faircloth, D.C. Sisson, W.E. Palmer, H.L. Stribling, and **J.P. Carroll**. Demographic and genetic implications following translocation of Northern bobwhites to an isolated, fragmented habitat. First International Wildlife Reintroduction Conference: Applying Science to Conservation, 15-16 April 2008, Chicago, IL. (Poster)
58. Martin, J.A., W.E. Palmer, and **J.P. Carroll**. 2008. Assessing landscape suitability for northern bobwhite in south Florida. Sixth Southern Forestry and Natural Resources GIS Conference. 28 March 2008, Orlando, FL.
59. Jobes, D., J.A. Martin, W.E. Palmer, and **J.P. Carroll**. 2008. Resource selection by domestic cattle in south Florida rangelands. Sixth Southern Forestry and Natural Resources GIS Conference, 28 March 2008, Orlando, FL.
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63. **Carroll, J.P.**, B.C. Faircloth, and R. Machaidze. Observations on the pheasant in the Alazani River Valley, Republic of Georgia. International Galliformes Symposium 2007, 16 October 2007, Chengdu, Sichuan, PRC. (Poster)
  64. Thompson, J.J. and **J.P. Carroll**. Global commonalities in agroecosystem management: Implications for the management of Galliformes. International Galliformes Symposium 2007, 17 October 2007, Chengdu, Sichuan, PRC.
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  66. Cass, R.D., W.E. Palmer, and **J.P. Carroll**. Novel release techniques of Northern Bobwhite Quail chicks. International Galliformes Symposium 2007, 17 October 2007, Chengdu, Sichuan, PRC. (Poster)
  67. Winarni, N.L., J.J. Thompson, T.G. O'Brien, M.F. Kinnard, and **J.P. Carroll**. Using camera traps to estimate population densities with unidentifiable individuals: An example with the great argus pheasant (*Argusianus argus*) in Sumatra. International Galliformes Symposium 2007, 17 October 2007, Chengdu, Sichuan, PRC. (Poster)
  68. Ellis-Felege, S.N., W.E. Palmer, S.D. Wellendorf, and **J.P. Carroll**. Measuring bobwhite productivity: A holistic approach. International Galliformes Symposium 2007, 17 October 2007, Chengdu, Sichuan, PRC. (Poster)
  69. Ellis-Felege, S.N., **J.P. Carroll**, M.J. Conroy, W.E. Palmer, and D.C. Sisson. Shifts in nest predation risk of Northern Bobwhites as a result of meso-mammalian predator removal in the Southeastern U.S.A. International Union of Game Biologists XXVIIIth Congress, 13-18 August 2007, Uppsala, Sweden.
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  71. **Carroll, J.P.**, S. Felege-Ellis, and W.E. Palmer. Impacts of predators on Northern Bobwhites in the Southeast. 72<sup>nd</sup> North American Wildlife and Natural Resources Conference. 20 March 2007, Portland, Oregon (Invited).
  72. **Carroll, J.P.** Neotropical quail conservation: A global perspective. Fourth North American Ornithological Conference Workshop – Neotropical Quail: Status, Conservation, and Research. 8 October 2006, Veracruz, Mexico.
  73. Martin, J.A., A.B. W.E. Palmer, Butler, T.C. Hines, G. Hendricks, and **J.P. Carroll**. Implementing the Northern Bobwhite Conservation Initiative on rangelands in Florida using Farm Bill programs. The Wildlife Society 13<sup>th</sup> Annual Conference, 27 September 2006, Anchorage, Alaska (Poster)
  74. **Carroll, J.P.** T.M. Terhune, D.C. Sisson, W.E. Palmer, H.L. Stribling, and B.C. Faircloth. Effects of translocation on avian population genetics and demographics with a fragmented landscape. The Wildlife Society 13<sup>th</sup> Annual Conference, 27 September 2006, Anchorage, Alaska (Poster)
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  76. Faircloth, B.C., T.M. Terhune, M.J. Conroy, D.C. Sisson, W.E. Palmer, H.L. Stribling, and **J.P. Carroll**. Censor periods in survival analysis. The Wildlife Society 13<sup>th</sup> Annual Conference, 27 September 2006, Anchorage, Alaska (Poster)

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83. Martin, J.A., W.E. Palmer, T.C. Hines, and **J.P. Carroll**. Northern bobwhite (*Colinus virginianus*) breeding season survival on a rotationally grazed South Florida ranch. Gamebird 2006 - A Joint Conference of Quail VI and Perdix XII. 31 May – 4 June 2006, University of Georgia, Athens.
84. Burkhart, J.K. and **J.P. Carroll**. Vegetation composition of Georgia Department of Natural Resources Bobwhite Quail Initiative field borders. Gamebird 2006 - A Joint Conference of Quail VI and Perdix XII. 31 May – 4 June 2006, University of Georgia, Athens. (Poster)
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91. Ellis-Felege, S., W.E. Palmer, L.W. Burger, Jr., and **J.P. Carroll**. Assessing measures of northern bobwhite (*Colinus virginianus*) productivity. Gamebird 2006 - A Joint Conference of Quail VI and Perdix XII. 31 May – 4 June 2006, University of Georgia, Athens. (Poster)
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93. Rodriguez, J.A. and **J.P. Carroll**. Parasite ecology of reared and wild northern bobwhites (*Colinus virginianus*) in the Southeastern U.S.A. Gamebird 2006 - A Joint Conference of Quail VI and Perdix XII. 31 May – 4 June 2006, University of Georgia, Athens.
94. Terhune, T.M., D.C. Sisson, W.E. Palmer, H.L. Stribling, B.C. Faircloth, and **J.P. Carroll**. Effects of translocation on northern bobwhite (*Colinus virginianus*) demographics with a fragmented landscape. Gamebird 2006 - A Joint Conference of Quail VI and Perdix XII. 31 May – 4 June 2006, University of Georgia, Athens.
95. **Carroll, J.P.**, W.E. Palmer, D.C. Sisson, H.L. Stribling, R.P. Thornton, E.L. Staller, and S. Ellis-Felege. Meso-mammalian predation management and nesting ecology of northern bobwhites (*Colinus virginianus*). Gamebird 2006 - A Joint Conference of Quail VI and Perdix XII. 31 May – 4 June 2006, University of Georgia, Athens.
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  108. Sash, K.J., S. Stapleton, **J.P. Carroll**, and W.E. Palmer. Home ranges of sympatric populations of eastern rat and corn snakes in southern coastal plain using telemetry and modeling analysis. The Wildlife Society 12<sup>th</sup> Annual Conference, 27 September 2005, Madison, Wisconsin.
  109. Doxon, E.D., and **J.P. Carroll**. Mobility of ring-necked pheasant and northern bobwhite quail chicks in vegetation managed using Conservation Reserve Program practices. The Wildlife Society 12<sup>th</sup> Annual Conference, 27 September 2005, Madison, Wisconsin.
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  111. Bliss, T.H., B.C. Anderson, R.A.H. Draycott, and **J.P. Carroll**. Survival of wild pheasants (*Phasianus colchicus*) on a managed hunting estate in Lower Austria. 27<sup>th</sup> Congress of the International Union of Game Biologists, 28 August – 3 September 2005, Hannover, Germany.
  112. Cook, M.P. and **J.P. Carroll**. Factors impacting northern bobwhite (*Colinus virginianus*) breeding season survival in an agricultural landscape of the Southeastern U.S.A. 27<sup>th</sup> Congress of the International Union of Game Biologists, 28 August – 3 September 2005, Hannover, Germany. (Poster)
  113. Kaiser, W., I. Storch, and **J.P. Carroll**. Link between habitat use and survival in grey partridge (*Perdix perdix*) pairs in Bavaria, Germany. 27<sup>th</sup> Congress of the International Union of Game Biologists, 28 August – 3 September 2005, Hannover, Germany.
  114. **Carroll, J.P.**, W.E. Palmer, D.C. Sisson, H.L. Stribling, R.P. Thornton, and E.L. Staller. Mesomammalian predation management and nesting ecology of northern bobwhite (*Colinus virginianus*): Preliminary results. 27<sup>th</sup> Congress of the International Union of Game Biologists, 28 August – 3 September 2005, Hannover, Germany.
  115. Palmer, W.E., T.C. Hines, G. Hendricks, J.A. Martin, A.B. Butler, **J.P. Carroll**. South Florida rangeland quail initiative and research program. 11th Annual Southeast Quail Study Group Meeting, 14-17 August 2005, Kentucky Dam Village State Resort - Gilbertsville, KY.
  116. Conroy, M.J., C.J. Fonnesbeck, K.L. Cook, J.D. Howell, J.T. Peterson, and **J.P. Carroll**. Cross-scale, integrated modeling and prediction using hierarchical modeling and MCMC. X INTECOL

- International Congress of Ecology, Jointly Held with the 90th Annual Meeting of the Ecological Society of America (ESA), 7-12 August 2005, Montreal, Canada.
117. Sitompul, A.F., S. Hedges, M.J. Tyson, J.T. Peterson and **J.P. Carroll**. Modeling the impacts of poaching on Sumatran elephant (*Elephas maximus sumatranus*) populations in Way Kambas National Park Sumatra. Society for Conservation Biology Annual Conference. 15-19 July 2005, Universidade de Brasília, Brasília, Brazil.
  118. Sash, K., **J.P. Carroll**, W.E. Palmer and A.T. Fisk. A captive study to determine the kinetics of  $\delta^{13}\text{C}$  and  $\delta^{15}\text{N}$  in corn snakes (*Pantherophis gutatta*). 2005 Joint Meeting of Ichthyologists and Herpetologists. 6-11 July 2005, Tampa Florida.
  119. Hannon, C, **J.P. Carroll**, W.E. Palmer, and S.D. Wellendorf. Impacts of northern bobwhite quail land management practices on the survival of hispid cotton rats in northern Florida. Southeastern Ecology and Evolution Conference. 11-13 March 2005, Athens, Georgia.
  120. Eo, S.H., **J.P. Carroll**, and J.C. Nairn. Can life history traits predict the rate of molecular evolution in Galliformes (Aves). Southeastern Ecology and Evolution Conference. 11-13 March 2005, Athens, Georgia. (Poster)
  121. Hannon, C, **J.P. Carroll**, W.E. Palmer, and S.D. Wellendorf. Impacts of bobwhite quail land management practices on the survival and abundance of hispid cotton rats. In northern Florida. Fifteenth Colloquium on Conservation of Mammals in the Southeastern United States. 17-18 February 2005, Paris Landing, Tennessee.
  122. **Carroll, J.P.** How can we encourage international participation in our TWS publications? The Wildlife Society 2004 Annual Conference. 19-22 September 2004, Calgary, Alberta, Canada. (Invited)
  123. **Carroll, J.P.** Conservation hunting and gamebirds: What is it and where is it going? The Wildlife Society 2004 Annual Conference. 19-22 September 2004, Calgary, Alberta, Canada. (Invited)
  124. Palmer, W.E., S.D. Wellendorf, and **J.P. Carroll**. Studies of benefits of supplemental feeding of small game species for increased reproductive success and population restoration. The Wildlife Society 2004 Annual Conference. 19-22 September 2004, Calgary, Alberta, Canada.
  125. Fritts, S.R., and **J.P. Carroll**. An inventory and assessment of medicinal plants and animals used by traditional healers in Limpopo Province, South Africa. Center for Undergraduate Research Opportunities Symposium 2004. 12-13 April 2004, Athens Georgia.
  126. Winarni, N.L., **J.P. Carroll**, and T.G. O'Brien. The application of camera traps to study Galliformes in southern Sumatra, Indonesia. Third International Galliformes Symposium 2004. 5-10 April 2004, Dehra Dun, India.
  127. Bliss, T.H., B.C. Anderson, **J.P. Carroll**, R. Draycott, and K. Pock. Land management for ring-necked pheasant *Phasianus colchicus* populations on a modern farm in Lower Austria. Third International Galliformes Symposium 2004. 5-10 April 2004, Dehra Dun, India. (Poster)
  128. Cook, M.P., **J.P. Carroll**, D.A. Butler, and R.G. Hamrick. Effects of habitat conservation efforts on northern bobwhite brood ecology in the U.S.A. Third International Galliformes Symposium 2004. 5-10 April 2004, Dehra Dun, India. (Poster)
  129. Faircloth, B., **J.P. Carroll**, W. Palmer, and S. Wellendorf. Variation of survival within and among northern bobwhite quail coveys in the U.S.A. Third International Galliformes Symposium 2004. 5-10 April 2004, Dehra Dun, India. (Poster)
  130. Faircloth, B, T. Valentine, T. Terhune, S.H. Eo, **J. Carroll**, and W. Palmer. Use of genetic information in conservation: applying results to management. Third International Galliformes Symposium 2004. 5-10 April 2004, Dehra Dun, India. (Poster)



131. Hamrick, R.G. and **J.P. Carroll**. Northern bobwhite covey-call-count indices: evaluating alternative techniques for autumn population monitoring. Third International Galliformes Symposium 2004. 5-10 April 2004, Dehra Dun, India. (Poster)
132. Ding Chang-qing, Liu Dong-ping, and **J. Carroll**. Nest-site selection of the Crested Ibis in China. Southeastern Ecology and Evolution Conference. 5-7 March 2004. Atlanta, Georgia.
133. Bliss, T.H., B.C. Anderson, R. Draycott, K. Pock, and **J.P. Carroll**. Productivity and survival of ring-necked pheasant population (*Phasianus colchicus*) in Lower Austria. Managing Partridges and other game in the agricultural landscape. International Partridge Symposium. 22-26 October 2003. Udine, Italy. (Poster)
134. Williams, B.K. and **J.P. Carroll**. A Survey of International Educational Opportunities for Undergraduate Students in Wildlife. Annual Conference of The Wildlife Society, 6-10 September 2003. Burlington, Vermont.
135. Bliss, T.H., B.C. Anderson, R. Draycott, and **J.P. Carroll**. 2003. Productivity of a managed pheasant population (*Phasianus colchicus*) in Lower Austria. XXVIth Conference of IUGB and Perdix X Conference, 1-6 Sept. 2003. Braga, Portugal. (Poster)
136. Faircloth, B., W. Palmer, **J.P. Carroll**, and S. Wellendorf. Variation of survival within and among northern bobwhite coveys. 9th Annual Southeast Quail Study Group, 25-28 August 2003. Potosi, Missouri. (Poster)
137. Staller, E., R. Thornton, W. Palmer, and **J. Carroll**. Identifying predators at northern bobwhite nests and nest predation relative to predator abundance. 9th Annual Southeast Quail Study Group, 25-28 August 2003. Potosi, Missouri. (Poster)
138. Palmer, W., S. Wellendorf, and **J. Carroll**. Effects of supplemental feeding on northern bobwhite populations. 9th Annual Southeast Quail Study Group, 25-28 August 2003. Potosi, Missouri. (Poster)
139. Bauman, C., B. Bonds, J. Bornhoeft, **J. Carroll**, A. Hammond, R. Hamrick, W. Lane, B. Marchinton, and R. Thackston. The Bobwhite Quail Initiative: Helping Georgia land managers restore bobwhite habitat while improving the environment. 9th Annual Southeast Quail study Group, 25-28 August 2003, Potosi, Missouri (Poster)
140. **Carroll, J.P.** Integrating field and captive research in conservation of gamebirds. 2003 American Zoological Association Eastern Regional Workshop. 24-30 March 2003. Columbia, South Carolina.
141. Gates, B.J., **J.P. Carroll**, and R.J. Cooper. Vegetation composition of early successional Longleaf Pine Conservation Priority Area fields in southern Georgia, USA. Third Eastern Native Grass Symposium, 1-3 October 2002, Chapel Hill, NC.
142. Burkhart, J.K. and **J.P. Carroll**. Linear early-successional habitats and Bermuda grass invasion. Third Eastern Native Grass Symposium, 1-3 October 2002, Chapel Hill, NC.
143. Cederbaum, S.B., R.J. Cooper, and **J.P. Carroll**. Conservation tillage: providing source habitat for horned lark? 3<sup>rd</sup> North American Ornithological Conference, 24-28 September 2002, New Orleans, LA.
144. Winarni, N.L., **J.P. Carroll**, and T.G. O'Brien. Habitat characteristics of great argus pheasant dancing grounds in Bukit Barisan Selatan National Park, Sumatra, Indonesia. The Wildlife Society 9<sup>th</sup> Annual Conference, 24-28 September 2002, Bismarck, North Dakota. (Poster)
145. Faircloth, B.C., **J.P. Carroll**, W.E. Palmer, K.W. Fok, and S.D. Wellendorf. Using microsatellite DNA to understand northern bobwhite mating systems and population structure. The Wildlife Society 9<sup>th</sup> Annual Conference, 24-28 September 2002, Bismarck, North Dakota. (Poster)

146. Thompson, J.J., R.J. Cooper, and **J.P. Carroll**. Population response of wintering songbirds to management of agricultural field borders on upper coastal plain of Georgia. The Wildlife Society 9<sup>th</sup> Annual Conference, 24-28 September 2002, Bismarck, North Dakota. (Poster)
147. Thornton, R.P., E.L. Staller, **J.P. Carroll**, W.E. Palmer, D.C. Sisson, and H.L. Stribling. The experimental effects of predator removal on nest depredation of northern bobwhite in south Georgia and north Florida. The Wildlife Society 9<sup>th</sup> Annual Conference, 24-28 September 2002, Bismarck, North Dakota. (Poster)
148. Hamrick, R.G. and **J.P. Carroll**. Response of northern bobwhite populations to agricultural habitat management in South Georgia. The Wildlife Society 9<sup>th</sup> Annual Conference, 24-28 September 2002, Bismarck, North Dakota.
149. Hamrick, R.G. and **J.P. Carroll**. Bobwhite quail and songbird population response to agricultural habitat management in South Georgia. 2002 Water Stewardship Conference, 5-7 September 2002, Athens, Georgia.
150. Burkhart, J. and **J.P. Carroll**. Multi-purpose filter strips and Bermuda grass invasion. 2002 Water Stewardship Conference, 5-7 September 2002, Athens, Georgia.
151. Hamrick, R. and **J.P. Carroll**. Georgia Bobwhite Quail Initiative: Monitoring and research. 8<sup>th</sup> Annual Southeast Quail Study Group. 26-29 August 2002. Waynesboro, Georgia.
152. Baumann, C., B. Bonds, J. Bornhoeft, **J. Carroll**, A. Hammond, R. Hamrick, W. Lane, B. Marchinton, and R. Thackston. The Bobwhite Quail Initiative: restoring Georgia's state gamebird while improving the environment. Annual Southeast Quail Study Group. 26-29 August 2002. Waynesboro, Georgia.
153. **Carroll, J.P.** Forest management and sustainable use of Galliformes: European and North American experiences. Galliformes Conservation and Forest Management - International Ornithological Congress, 15 August 2002, Beijing, China. (Invited presentation for special symposium at IOC)
154. **Carroll, J.P.** Estimating abundance of Galliformes. International Workshop on Chinese Galliformes, 15 August 2002, Beijing, China. (Invited presentation)
155. Maidens, D. and **J.P. Carroll**. Characteristics of four agricultural crops established as northern bobwhite brood habitat. Quail V – Fifth National Quail Symposium. 23-27 January 2002, Corpus Christi, Texas.
156. **Carroll, J.P.** The Partridge, Quail, and Francolin Specialists Group: Implications for game management. Perdix IX Symposium and International Union of Game Biologists Conference. 3-6 October 2001, Larnaca, Cyprus. (Invited presentation)
157. Staller, E.L., W.E. Palmer, and **J.P. Carroll**. Identifying predators, fates, and habitat characteristics of northern bobwhite nests using miniature video cameras. Perdix IX Symposium and International Union of Game Biologists Conference. 3-6 October 2001, Larnaca, Cyprus.
158. Maidens, D.A., and **J.P. Carroll**. Foods consumed by human-imprinted northern bobwhite quail chicks *Colinus virginianus* foraged on four agricultural crops established as brood habitat. Perdix IX Symposium and International Union of Game Biologists Conference. 3-6 October 2001, Larnaca, Cyprus. (Poster)
159. Anderson, B.C., R.A.H. Draycott, and **J.P. Carroll**. Winter survival of common pheasants *Phasianus colchicus* on a managed estate in Lower Austria. Perdix IX Symposium and International Union of Game Biologists Conference. 3-6 October 2001, Larnaca, Cyprus.
160. Draycott, R.A.H., K. Pock, and **J.P. Carroll**. Sustainable management of a wild pheasant *Phasianus colchicus* population in Lower Austria. Perdix IX Symposium and International Union of Game Biologists Conference. 3-6 October 2001, Larnaca, Cyprus.

161. Thompson, J.J., **J.P. Carroll**, and D.M. Brooks. Conservation of Galliformes and Tinamiformes in Latin America: Research status and needs. Perdix IX Symposium and International Union of Game Biologists Conference. 3-6 October 2001, Lanarca, Cyprus. (Poster)
162. Giannelli, C., F. Gori, A. Papeschi, **J.P. Carroll**, and F. Dessi-Fulgheri. Testosterone, male rank, and parasites in free-living male pheasants *Phasianus colchicus*. Perdix IX Symposium and International Union of Game Biologists Conference. 3-6 October 2001, Lanarca, Cyprus. (Poster)
163. Goldberg, E. and J. Carroll. Effects of alternative cotton cropping systems on northern bobwhite brood habitat. Southeast Quail Study Group Annual Meeting, 4 October 2000, Hendersonville, North Carolina. (Poster)
164. Maidens, D., R. Hudson, and **J.P. Carroll**. Macroinvertebrate availability and use by northern bobwhite quail chicks in four agricultural crops. Southeast Quail Study Group Annual Meeting, 4 October 2000, Hendersonville, North Carolina. (Poster)
165. Garson P.J. and **J.P. Carroll**. Doing conservation biology with Galliformes: A blueprint with examples, I. Identifying and carrying out the crucial research. International Galliformes Conference, 25 September - 1 October 2000, Kathmandu, Nepal.
166. Conroy, M.J. and **J.P. Carroll**. Estimating abundance of Galliformes: tools and application. International Galliformes Conference, 25 September - 1 October 2000, Kathmandu, Nepal. (Poster)
167. Sande, E., C. Dranzoa, P. Wegge, and **J.P. Carroll**. Nest survival of the Nahan's francolin in the Budongo Forest Reserve, Uganda. International Galliformes Conference, 25 September - 1 October 2000, Kathmandu, Nepal. (Poster)
168. Goldberg, E. and **J.P. Carroll**. Effects of alternative cotton cropping system on northern bobwhite brood habitat. International Galliformes Conference, 25 September - 1 October 2000, Kathmandu, Nepal. (Poster)
169. Hamrick, R.G., R.G. Thackston, and **J.P. Carroll**. Georgia (USA) Quail Initiative: Using a game species to benefit conservation. International Galliformes Conference, 25 September - 1 October 2000, Kathmandu, Nepal. (Poster)
170. Maidens, D.A., R. Hudson, and **J.P. Carroll**. Macroinvertebrate availability and use by northern bobwhite quail chicks in four agricultural crops. International Galliformes Conference, 25 September - 1 October 2000, Kathmandu, Nepal. (Poster)
171. Staller, E.L., **J.P. Carroll**, and W.E. Palmer. Identifying predators and nest fates of northern bobwhites using infrared 24-hour surveillance cameras. International Galliformes Conference, 25 September - 1 October 2000, Kathmandu, Nepal. (Poster)
172. **Carroll, J.P.**, M.J. Conroy, and R.J. Cooper. Biometrics education of wildlife biologists at the University of Georgia: Making the connection between undergraduate and graduate concepts. The Wildlife Society 7<sup>th</sup> Annual Conference, 6-13 September 2000, Nashville, Tennessee.
173. Staller, E.L., **J.P. Carroll**, and W.E. Palmer. Identifying predators and nest fates of northern bobwhites using miniature video cameras. The Wildlife Society 7<sup>th</sup> Annual Conference, 6-13 September 2000, Nashville, Tennessee.
174. **Carroll, J.P.** The benefits of conservation tillage and cover crops to the bobwhite quail. Georgia Chapter: Soil and Water Conservation Society 44<sup>th</sup> Annual Meeting, 9 June 2000, Savannah, GA.
175. **Carroll, J.P.** Partridges, Quails, and Francolins. AIG-Galliformes Workshop, American Zoo and Aquarium Association Conference 2000 - Central Region, 3 May 2000, Toledo, Ohio.
176. **Carroll, J.P.** Overview of the potential conservation opportunities of genetically-modified crops on wildlife. Natural Resource Management on Agricultural Landscapes: A Colloquium on Biotechnology and Wildlife, 2 May 2000, St. Louis, Missouri.

177. Eitnienar, J.C. and **J.P. Carroll**. Overview of Mexican and Central American quails. Conservation of Tropical Quails and Cracids of Mexico and Central America. Neotropical Ornithological Congress, 9 October 1999, Monterrey, Mexico.
178. **Carroll, J.P.** Cinderella gets the Prince: PQF and the conservation of small Galliformes. Annual Convention of the World Pheasant Association, 25 September 1999, Cleres, France.
179. Hamrick, R., R. Cooper, and **J.P. Carroll**. Monitoring Research on the Georgia Bobwhite Quail Initiative: Understanding the impacts of large-scale habitat manipulation. Wildlife Management in Georgia: History, Current Issues, and Future Trends, Annual Fall Conference of the Georgia Chapter of the Wildlife Society, 15 September 1999, Athens, GA.
180. Eitnienar, J.C., S. Aguilar R., A.A. Tapia, V. Gonzalez, J.T. Baccus, and **J.P. Carroll**. Conservation of tree-partridge in Mexico. Annual Conference of The Wildlife Society 9 September 1999, Austin, TX.
181. **Carroll, J.P.** Transition zone management: Fitting wildlife into modern farming. 22<sup>nd</sup> Annual Southern Conservation Tillage Conference for Sustainable Agriculture, 7 July 1999, Tifton, GA.
182. Cederbaum, S.B., E.B. Goldberg, R.J. Cooper, and **J.P. Carroll**. Effects of clover stripcover cropping of cotton on songbird populations and northern bobwhite brood habitat. 22<sup>nd</sup> Annual Southern Conservation Tillage Conference for Sustainable Agriculture, 7 July 1999, Tifton, GA.
183. **Carroll, J.P.**, R. Thackston, L.W. Burger, Jr., W.E. Palmer, and D.G. Kremetz. Early successional game and non-game species in the Southeast: Common problems and solutions? Management of Migratory Landbirds: State of Knowledge and Research Needs. Southeastern Partners in Flight, 29 January 1999, Biloxi, MS.
184. **Carroll, J.P.** and K. Hollins. Response of pheasants to predator calls: measuring wildness and strain effects. Perdix VIII: International Symposium on Partridges, Quails, and Pheasants in the western Palearctic and Nearctic, 26 October 1998, Sopron, Hungary.
185. **Carroll, J.P.** and A. Papeschi. Flight characteristics of three strains of hand-reared common pheasants. Perdix VIII: International Symposium on Partridges, Quails, and Pheasants in the western Palearctic and Nearctic, 26 October 1998, Sopron, Hungary.
186. Draycott, R.A.H., D.A. Butler, and **J.P. Carroll**. Spring diet of pheasants in the UK: implications on the body condition of nesting hens. Perdix VIII: International Symposium on Partridges, Quails, and Pheasants in the western Palearctic and Nearctic, 26 October 1998, Sopron, Hungary.
187. Papeschi A, C. Giannelli, F. Gori, **J.P. Carroll** and F. Dessì-Fulgheri. Testosterone, rank and parasites in free living male pheasants. Atti del 18° Convegno della Società Italiana di Etologia & Summer meeting of the Association for the Study of Animal Behaviour, Urbino 2-4 September 1998.
188. Parish, D.M.B., **J.P. Carroll**, and N.W. Sotherton. The survival and movements of released grey partridge. British Ecological Society Annual Conference, 16 December 1997, Warwick, England.
189. Draycott, R.A.H., D.A. Butler, and **J.P. Carroll**. Availability of weed seeds and waste cereals to birds on arable fields during spring. Weeds 1997: The Brighton Conference, 17-20 November 1997, Brighton, England. (Poster)
190. Garson, P.J. and **J.P. Carroll**. Implementation of Action Plans: A progress report. International Symposium on Galliformes, 9 September 1997, Peninsular Malaysia.
191. Papeschi, A., A. Hoodless, **J.P. Carroll**, and F. Dessì-Fulgheri. A possible role of male ornaments as predictors of survival and reproductive success in common pheasants. International Symposium on Galliformes, 8-14 September 1997, Peninsular Malaysia. (Poster)

192. **Carroll, J.P.** Using play-back to survey the Venezuelan wood-quail in Henri Pittier National Park, Venezuela. International Symposium on Galliformes, 8-14 September 1997, Peninsular Malaysia. (Poster)
193. Papeschi, A., A. Hoodless, **J.P. Carroll**, and F. Dessi-Fulgheri. Winter morphology and spring territorial behaviour in the common pheasant. International Ethological Conference, 20-27 August 1997, Vienna, Austria.
194. **Carroll, J.P.** and J. Clinton-Eitniear. Quail in Mexico: Needs and opportunities. Quail IV: National Quail Symposium, 8 May 1997, Tallahassee, Florida.
195. Manley, S.W., J.M. Lee, R.S. Fuller, L.A. Brennan, and **J.P. Carroll**. Comparative analysis of two methods for quantifying northern bobwhite habitat use. Quail IV: National Quail Symposium, 7 May 1997, Tallahassee, Florida.
196. Hollins, K.E. and **J.P. Carroll**. The impact of deer browsing on ground and shrub vegetation in small woodlands in arable ecosystems. Population Ecology, Management, and Welfare of Deer, 3<sup>rd</sup> Symposium, 9-10 April 1997, Manchester, England. (Poster)
197. Hollins, K.E. and **J.P. Carroll**. The impact of roe deer on ground flora in small farm woodlands. British Ecological Society Annual Conference, 17 December 1996, Durham, England.
198. Eitniear, J.C., S. Aguilar, **J.P. Carroll**, and J. Baccus. Estado actual del chivizcoyo (Perdiz Veracruzana)(*Dendrortyx barbatus*). VI Simposium Internacional de Fauna Silvestre, 24-25 October 1996. Cd. Victoria, Tamps., Mexico.
199. **Carroll, J.P.**, J.J. Taracido, and R.B. Belding. Partnership approach to pheasant management on private land in Pennsylvania. Association of Northeast Fish and Wildlife Agencies Conference, 12 April 1995, Ocean City, Maryland.
200. Calabrese, A. and **J.P. Carroll**. Populations and behavior of waterfowl wintering in southwestern Pennsylvania. Association of Northeast Fish and Wildlife Agencies Conference, 9-12 April 1995, Ocean City, Maryland. (Poster)
201. Boehm, D.J. and **J.P. Carroll**. Habitat composition of male ring-necked pheasants during spring. Pennsylvania Chapter of The Wildlife Society Annual Conference, 1 April 1995, DuBois, Pennsylvania.
202. Berchin, A., J. Mihal, and **J. Carroll**. Spring populations of ring-necked pheasants in southwestern Pennsylvania. Pennsylvania Chapter of The Wildlife Society Annual Conference, 1 April 1995, DuBois, Pennsylvania.
203. **Carroll, J.P.**, W.P. Kuvlesky, S.A. Gall, and F.G. Salazar. Status of Mexican quails. 59th North American Wildlife and Natural Resources Conference, 22 March 1994, Anchorage, Alaska.
204. **Carroll, J.P.**, K.E. Church, and M.G. Kelsey. Status and conservation of Neotropical quails. First International Wildlife Management Congress, 19-26 September 1993, San Jose, Costa Rica. (Poster)
205. **Carroll, J.P.** A model of gray partridge population dynamics in North Dakota. 1st International Partridge, Quail, and Francolin Symposium, 9 September 1991, Fordingbridge, Hampshire, U.K.
206. Garcher, M. and **J.P. Carroll**. Comparative diet study of male and female Wilson's phalaropes. Pennsylvania Academy of Science Annual Conference, 20 April 1991, York, Pennsylvania.
207. Garcher, M. and **J.P. Carroll**. Comparative diet study of male and female Wilson's phalaropes. Commonwealth of Pennsylvania University Biologists Annual Conference, 5 April 1991, Indiana, Pennsylvania.
208. Roberts, J. and **J.P. Carroll**. Effects of diflubenzuron on wild turkey eggs and poults. Pennsylvania Chapter of The Wildlife Society Annual Conference, 1 March 1991, Clarion, Pennsylvania

209. **Carroll, J.P.** and R.D. Crawford. Winter habitat use by gray partridge in north-central North Dakota. 52nd Midwest Fish and Wildlife Conference, 4 December 1990, Minneapolis, Minnesota.
210. **Carroll, J.P.** and R. D. Crawford. Roadside nesting by gray partridge in North Dakota. 51st Midwest Fish and Wildlife Conference, 6 December 1989, Springfield, Illinois.
211. **Carroll, J.P.** Monitoring reproduction and mortality in Galliformes. 4th International Pheasant Symposium, 10 October 1989, Beijing, China.
212. **Carroll, J.P.** Measuring reproduction in ring-necked pheasants and gray partridge. 4th International Pheasant Symposium, 10 October 1989, Beijing, China. (Poster)
213. **Carroll, J.P.** and R.D. Sayler. Nest habitat and success of ring-necked pheasants on Mallard Island, North Dakota. Perdix V: Gray Partridge and Ring-necked Pheasant Workshop, 2 August 1989, Mankato, Minnesota.
214. **Carroll, J.P.**, R.D. Crawford, and J.W. Schulz. Nesting and brood-rearing ecology of gray partridge in North Dakota. Perdix V: Gray Partridge and Ring-necked Pheasant Workshop, 2 August 1989, Mankato, Minnesota.
215. **Carroll, J.P.** and R.D. Sayler. Habitat use by ring-necked pheasant hens and broods in North Dakota. 50th Midwest Fish and Wildlife Conference, 6 December 1988, Columbus, Ohio.
216. **Carroll, J.P.** Late winter and spring survival of radio-tagged gray partridge in North Dakota. 49th Midwest Fish and Wildlife Conference, 9 December 1987, Milwaukee, Wisconsin.
217. **Carroll, J.P.** and R.D. Sayler. Ring-necked pheasants and farming: Effects of providing adequate habitat in agricultural areas. North Dakota Chapter of The Wildlife Society Annual Meeting, 13 February 1987, Bismarck, North Dakota.
218. **Carroll, J.P.** Gray partridge nesting biology in north-central North Dakota. North Dakota Chapter of The Wildlife Society Annual Meeting, 12-14 February 1987, Bismarck, North Dakota. (Poster)
219. **Carroll, J.P.** Gray partridge ecology in north-central North Dakota. Perdix IV: Gray Partridge and Prairie Grouse Workshop, 3 October 1986, Regina, Saskatchewan.

## Grants Received

### *University of Nebraska (2013-Present)*

1. Pekarek, K. **J.P. Carroll**, and R. Rasby. UNL/NDEQ Liaison for Coordination of water quality education programming in Nebraska. Nebraska Department of Environmental Quality. September 2017. \$159,163.
2. Josiah, S., **J.P. Carroll** and R. Gaussoin. Bachelor of Science in Urban & Community Forestry at the University of Nebraska-Lincoln. USDA Forest Service. July 2015. \$313,000. (\$100,000 supplement 2016)
3. **Carroll, J.P.** Wildlife Management and Human Dimensions. Nebraska Game and Parks Commission. March 2015. \$255,000.
4. **Carroll, J.P.** Outdoor U Program. Nebraska Game and Parks Commission. July 2013. \$262,381.

### *University of Georgia (1998-2013)*

1. **Carroll, J.P.** (with J. Martin) Assessing longleaf-wiregrass ecosystem restoration progress using indicator species. Department of Defense, Fort Gordon, Georgia. September 2009 and 2010, \$197,000.
2. Hernandez, S. and **J.P. Carroll**. Pygmy hippopotamus (*Choeropsis liberiensis*) conservation in Sierra Leone. Columbus Zoo Conservation Fund. September 2010. \$5,000.

3. **Carroll, J.P.** and S. Hernandez. Pygmy hippopotamus (*Choeropsis liberiensis*) conservation in Sierra Leone. Mohamed bin Zayed Species Conservation Fund. July 2010. \$15,000.
4. **Carroll, J.P.** and S. Hernandez. Pygmy hippopotamus (*Choeropsis liberiensis*) conservation in Sierra Leone. U.S. Seal Fund, Minnesota Zoo. March 2010. \$2,500.
5. Hernandez, S., and **J.P. Carroll**. Pygmy hippopotamus (*Choeropsis liberiensis*) conservation in Sierra Leone. Oregon Zoo Foundation. December 2009. \$5,000.
6. **Carroll, J.P.** Tall Timbers Research Assistantship Grants. Tall Timbers Research Station and Land Conservancy, Inc. August 2004-2013. \$264,400.
7. **Carroll, J.P.** and S. Hernandez-Divers. Pygmy hippopotamus conservation in Sierra Leone. Riverbanks Zoo, SC. November 2009, \$5,000
8. **Carroll, J.P.** and S. Hernandez-Divers. Pygmy hippopotamus conservation in Sierra Leone. Tulsa Zoo. November 2008, \$5,000
9. **Carroll, J.P.** and N. Nibbelink. Population modeling and abundance estimation of bonobos (*Pan paniscus*) in relation to timber harvest, slash-and-burn agriculture, and bushmeat hunting: Harmonizing bonobo conservation with sustainable development. Great Apes Fund, Division of International Conservation, USWFS. July 2008, \$44,299.
10. **Carroll, J.P.** and S. Hernandez-Divers. Pygmy hippopotamus conservation in Sierra Leone. Conservation International. June 2008, \$20,000.
11. Warren, R.J. and **J.P. Carroll**. A 6-year study of diet, age, and reproductive responses of mesomammals to intensive predator removal. Berryman Institute (Eastern Unit), Mississippi State University. June 2006, \$15,000.
12. **Carroll, J.P.** and R.J. Warren. Wildlife management and gamebird restoration. Sub-contract from direct congressional appropriation to USDA-Wildlife Services, July 2001-2006 awarded, \$484,165. (total award for which I coordinated all the partners was \$6.5 million).
13. Fisk, A.T., and **J.P. Carroll**. Ecology of the snake community of the Red Hills Region relative to management for northern bobwhites: assessing the diet choices of snakes using stable isotopes. Florida Fish and Wildlife Conservation Commission. December 2004. \$9,660.
14. Nairn, J.C., S.A. Castleberry, and **J.P. Carroll**. Microsatellite markers for analysis of loggerhead sea turtle population structure. Georgia Department of Natural Resources, Nongame Division. May 2005. \$5,000.
15. **Carroll, J.P.** Genetic investment of individual northern bobwhites. Tall Timbers Research Station. August 2000-December 2007. \$206,419.
16. **Carroll, J.P.** Population dynamics of intestinal parasites in reared and wild northern bobwhite quail *Colinus virginianus*. Georgia Department of Natural Resources. September 2004. \$11,299.
17. **Carroll, J.P.** Land use, reserves, and the conservation biology of early successional wildlife using the Georgian pheasant as a “flagship” in the Republic of Georgia. The National Academies, Office for Central Europe and Eurasia. August 2004. \$24,535.
18. **Carroll, J.P.** Assessment of habitat to northern bobwhite and ring-necked pheasant chicks. Kansas Department of Wildlife and Parks. June 2004. \$65,165.
19. **Carroll, J.P.** Habitat use, survival, and breeding success of wild pheasants on farmland in northern Lower Austria. Count Maximillian Hardegg, December 2000, December 2002, July 2003. \$46,380.
20. **Carroll, J.P.** (50%) and R.J. Cooper (50%). Adaptive decision support of landscape-level conservation of birds in early successional habitats on private lands in Georgia. USGS-Eastern Regional Office, February 2003. \$37,398.

21. **Carroll, J.P.** Georgia's Bobwhite Quail Initiative: Research. Georgia Department of Natural Resources. July 1999, July 2001, July 2003. \$357,397.
22. **Carroll, J.P.** Travel to International Ornithological Congress, Beijing, China. University of Georgia Research Foundation. June 2002. \$1,200.
23. **Carroll, J.P.** Cooperative education and research program with Wildlife Conservation Society - Indonesia. February 2000. \$50,000. (Office of UGA President Adams \$12,500, WSFR \$12,500, WCS-Indonesia \$25,000.), March 2002. \$7,500. (Office of UGA President Michael Adams)
24. **Carroll, J.P.** (50%) and R.J. Cooper (50%). Forest management and birds in the Southeast. USDA Natural Resources Conservation Service. March 2001. \$45,000.
25. **Carroll, J.P.** Georgia's Bobwhite Quail Initiative: Monitoring and Research - Bermudagrass Control. Georgia Department of Natural Resources. December 2000. \$50,000.
26. **Carroll, J.P.** Agriculture and wildlife research and education program. Central Georgia Soil and Water Conservation District. February 2000. \$39,000.
27. **Carroll, J.P.** Gamebird research in the Southeast. Tall Timbers Research, Inc., July 1999, February and April 2000. \$18,000.
28. **Carroll, J.P.** Wildlife conservation education partnership: University of Georgia-Makerere University cooperative field course. University of Georgia International Office, October 1999, \$3,300

***The Game Conservancy Trust (now Game and Wildlife Conservation Trust) (1995-1998)***

1. **Carroll, J.P.** Administered budget including grants of about \$170,000 per year. Most funds raised were not grants *per se*, but individual donations to support the Lowland Gamebird Research Unit which was headed by Dr. Carroll. These included \$70,000 from P. van Vlissingen to study rearing and parasite impacts on wild pheasants in Britain and a 5-year project at \$30,000 per year to support wild pheasant research and restoration on Tendring Hall Estate.
2. **Carroll, J.P.** Effects of diet fibre on growth, development, and gut morphology of reared pheasants. Devon Wildlife Group. May 1997. \$3,000.
3. **Carroll, J.P.** Research and conservation of the critically endangered bearded tree-partridge in Mexico. P. van Vlissingen Foundation (The Netherlands), Prince Bernhard Nature Trust (The Netherlands), Chicago Zoological Society (through the IUCN-Species Survival Commission). March-July, 1996. \$10,000. Cooperative program with the Center for the Study of Tropical Birds, Inc. (Texas), Southwest Texas State University, and Pronatura Veracruz (Mexico).
4. **Carroll, J.P.** Effects of roe deer browsing on understory vegetation in small farmland woodlands. British Ecological Society and H. Oliver-Bellasis. March, 1996. \$3,000.

***California University of Pennsylvania (1990-1995)***

1. **Carroll, J.P.** Integrating wildlife and agriculture. Submitted pre-proposal to R.K. Mellon Foundation for 5 year \$1.3 million habitat development program. Completed first draft of final proposal with Foundation for California University in late 1995. Proposal funded for \$750,000 in March, 1996.
2. **Carroll, J.P.** Wildlife habitat and wetland development in Pennsylvania, 1995-1999. Cooperative agreement with the U.S. Fish and Wildlife Service. January, 1995. \$10,000, funding on an as needed basis with \$24,000 the maximum for the first year. Agreement transferred to colleague at CUP.



3. **Carroll, J.P.** Integrating wildlife and agriculture: pheasant management on private land in Pennsylvania. Habitat development and research grant from the Center for Rural Pennsylvania. January, 1995. \$254,286, includes financial and in-kind commitments from Pheasants Forever, Pennsylvania Game Commission, U.S. Fish and Wildlife Service, and California University of Pennsylvania. Grant transferred to colleague at CUP.
4. **Carroll, J.P.** Monongahela River education and research vessel. Worked with the Foundation for California University of Pennsylvania to secure a grant from Snee-Reinhardt Charitable Foundation. Equipment grant for boat funded Sept. 1994. \$25,000.
5. **Carroll, J.P.** PENNHEP: Wildlife Habitat Assessment and Management System application at WestPenn Buffalo Creek Management Area. Habitat evaluation grant from The Ruffed Grouse Society for 1994. \$1,050. (with Brian Allen and David Ratz)
6. **Carroll, J.P.** Habitat assessment and populations of the American woodcock at Quebec Run Wild Area, Pennsylvania. Research grant from The Ruffed Grouse Society for 1994-1995. \$4,178. (with Gary Popotnick)
7. **Carroll, J.P.** Research development plan for Neotropical quails in South America. Seed money grant from the IUCN SSC/BirdLife International/WPA Partridge, Quail, and Francolin Specialist Group, WPA-United Kingdom Chapter, and WPA-USA Chapter. December, 1993. \$3,500.
8. **Carroll, J.P.** A model of gray partridge population dynamics in North Dakota. Research grant from Irene O'Brien Research Fund, California University of Pennsylvania. June, 1991. \$250.
9. **Carroll, J.P.** Effects of diflubenzuron on wild turkey eggs and young. Equipment grant from the Graduate School of California University of Pennsylvania. March, 1990. \$940.

#### ***University of North Dakota (1983-1989)***

1. **Carroll, J.P.** Modeling gray partridge populations. Research grant from the National Science Foundation, Enhancing Science Excellence and Advancing Science Excellence in North Dakota Programs. May, 1988. \$1,000.
2. Ecology of gray partridge in North Dakota. Research grant from the North Dakota Game and Fish Dept. through Pittman-Robertson Project W-67-R. July, 1984. \$39,000 (R.D. Crawford, PI), estimated \$25,000 additional awarded in equipment and travel.

#### ***Eastern Kentucky University (1979-1982)***

1. **Carroll, J.P.** Dispersal, home range, and habitat use of translocated eastern wild turkeys in Jackson Co., Kentucky. Research grant from the Kentucky Chapter of the National Wild Turkey Federation. October, 1981. \$300.

#### ***Development Activities***

1. Donations solicited to the Gamebird Research Program at UGA. November 1998-present. \$198,000.
2. Negotiated with the Northeast Georgia Chapter of Quail Unlimited to establish a scholarship endowment for Warnell students awarded for first time in 2009. \$50,000.
3. Regularly asked by Warnell administration to meet with potential donors usually regarding potential gift and estate donations of land.

#### ***Editorships***

- Editorial Board, The Open Zoology Journal. 2008-Present
- Co-editor, Proceedings of Gamebird 2006 – A Joint Conference of Quail VI and Perdix XII.
- Associate Editor, Journal of Wildlife Management. 2004-2006.
- Co-editor, Proceedings of 1<sup>st</sup> (2001) and 2<sup>nd</sup> (2005) International Galliformes Symposia.
- Co-editor, IUCN-SSC Action Plans (1995-1999 edition, and 2000-2004 edition) for the Partridges, Quails, and Francolins.
- Co-editor, Captive Breeding Specialist Group Conservation Action and Management Plan for the Galliformes. 1994.

### **Professional Service**

- Reviewer for Grants Program, Nebraska Environmental Trust, 2014-Present.
- Co-Chair, IUCN-SSC Galliformes Specialist Group, 2016-2020.
- Scientific Board for Perdix XIV, 2016-2017.
- Steering Committee for 77<sup>th</sup> Midwest Fish and Wildlife Conference, 2016-2017.
- Peer Review Committee for Fulbright Commission Aegean/Black Sea Region, 2011-2013.
- Scientific Committee for the XXXth Congress of the International Union of Game Biologists, Barcelona, Spain, September 2011.
- Board of the IUCN-SSC/WPA Galliformes Specialist Group (representing North America and field training programs) 2009-Present
- Jim McDonough Award Committee of The Wildlife Society. 2008-2010.
- Chairman, Gamebird 2006: A Joint Conference – Quail VI and Perdix XII held May 2006.
- Scientific Committee for the XXVIIth Congress of the International Union of Game Biologists, Nicosia, Cyprus August 2005
- Georgia Bobwhite Quail Technical Committee, Northern Bobwhite Conservation Initiative, 2004-2013
- Rusch Award Committee of The Wildlife Society. 2003-2008
- Member, Conservation, Policy, and Programs Committee, World Pheasant Association, 1996-Present
- Research Associate, Tall Timbers Research Station, Inc., 2000-Present
- Research Committee, Southeast Quail Study Group, 1998-Present
- Secretary, World Pheasant Association-USA, 1998-2004
- Advisory Trustee, Game Conservancy-USA, 1998-Present
- Research Advisor, Center for the Study of Tropical Birds, Inc., San Antonio, TX, 1995-Present
- Designing and Carrying Out Field Projects Workshop, Beijing Normal University, Beijing, 15 August 2002.
- Conference co-organizer, Conservation of Cracids and quails of Mexico and northern Central America, Neotropical Ornithological Congress, Monterrey, Mexico, IUCN-SSC Cracid Specialist Group and IUCN-SSC Partridge, Quail, and Francolin Specialist Group, 1999
- Organizing committee, 22<sup>nd</sup> Annual Southeastern Conservation Tillage Conference for Sustainable Agriculture, 1999
- Organizing Committee, Nepal 2000: International Galliformes Symposium, Kathmandu, Nepal, World Pheasant Association, 1998
- Organizing Committee, Nashville 2000: The Wildlife Society Annual Conference, Nashville, TN, The Wildlife Society, 1998-1999

- Chair, IUCN-Species Survival Commission/BirdLife International/World Pheasant Association Partridge, Quail, and Francolin Specialist Group, 1996-2009
- Organizing Committee, International Galliformes Symposium, Kuala Lumpur, Malaysia, 1996-1997
- Representative to two Heinz Foundation Environmental Colloquia and Steering Committee Meetings, 1994
- Invited participant in the WPA/ICBP/CBSG Galliform Conservation Assessment and Management Plan (CAMP) Workshop, Antwerp, Belgium, 1993
- Research and Technical Advisor to the Tri-County Chapter of Pheasants Forever on the Southwestern Pennsylvania Wild Pheasant Management Program, 1992-1995
- Regional Representative for South America on the IUCN-SSC/BirdLife International/WPA Partridge, Quail, and Francolin Specialist Group, 1991-1998
- Chairman of the Scholarship Committee for the North Dakota Chapter of The Wildlife Society, 1984-1989
- Referee for proposals to the Africa/Asia Fund of the Lincoln Park Zoo, Chicago, IL, 2000
- Referee for proposals submitted to the IUCN-SSC/BirdLife/WPA Partridge, Quail and Francolin Specialist Group, 1991-2009
- Referee for proposals submitted to the IUCN-SSC/BirdLife/WPA Pheasant Specialist Group, 1993-2009
- Invited reviewer, California University of Pennsylvania Grant Proposals for Pennsylvania State System of Higher Education Research Grants, 1991

### **University of Nebraska Service**

#### ***University of Nebraska***

- University of Nebraska Representative to the National Council for Science and the Environment (NCSE), 2015-Present

#### ***Institute of Agriculture and Natural Resources***

- Chair of the Agronomy and Horticulture Department Head Search Committee, 2018
- IANR Communications, Marketing, Branding and Storytelling Working Group, 2018
- IANR Unit Head Monthly Meeting Chair, 2017-2018
- Eastern Nebraska Research and Extension Center, Committee, 2016-Present
- Co-Chair Healthy Agriculture and Natural Resources Working Group, 2015-Present
- Administrative Oversight Committee for Forensic Science Program, 2013-Present
- Eureka 2014 (Extension) Planning Committee
- Arthur William Sampson Fellowship for Range Management, Award Committee, 2014-Present

### **University of Georgia Service**

#### ***University of Georgia***

- Office for International Education Risk Management Board, 2009-2013
- University of Georgia Honors Program Student Fulbright Reviewer, 2009-2013
- Center for Latin American and Caribbean Studies, Member, 1998-2013
- African Studies Institute, Core Faculty, 2001-2013
- Academic Honesty Board, 2001-2013
- African Teaching, Research, and Outreach Center, Core Committee, 2003-2009

- African Studies Institute, Board, 2008-2009

***Warnell School of Forestry and Natural Resources***

- Undergraduate Affairs Committee, 2001-2013
- Honors and Awards Committee, 1998-2013
- E.L. Cheatum Award Committee, 1998-2013
- Administrative Committee, 2004-2005