**CREATIVE ACTIVITIES**

**January 2015**

**PUBLICATIONS:**

1. Bried, J. T., N. A. Gifford, and K. M. Robertson. 2015. Predicted crown fire risk adds incentive to restore open-canopy pine barrens at the wildland-urban interface. Journal of Sustainable Forestry 34:147-167.
2. Burtka, J.L., Grindstaff, J.L. (2015). Similar nest defense strategies within pairs increase reproductive success in the eastern bluebird, *Sialia sialis*. *Animal Behaviour* 100:174-182.
3. Goodchild CG, Frederich M, Zeeman SI. (2015). AMP-activated protein kinase is a biomarker of energetic status in freshwater mussels exposed to municipal effluents. *Science of the Total Environment*. Volume 512-513: Page 201-209. doi: 10.1016/j.scitotenv.2015.01.065.
4. Kalinowska, K., J. Ejsmont-Karabin, M. Rzepecki, I. Kostrzewska-Szlakowska, I. Yu. Feniova, A. Palash, and A.R. Dzialowski (2015)  Impacts of large-bodied crustaceans on the microbial loop. *Hydrobiologia*, 744, 115-125.
5. Papeş, M., F. Cuzin, and P. Gaubert. 2015. Niche dynamics in the European ranges of two African carnivores reflect their dispersal and demographic histories. *Biological Journal of the Linnean Society* Early View DOI: 10.1111/bij.12477.
6. Simpson, S.J., F. Clissold, M. Lihoreau, F. Ponton, S.M. Wilder and D. Raubenheimer. 2015. Recent advances in the integrative nutrition of arthropods. *Annual Review of Entomology* 60: 293-311.
7. Vhora, S. M.†, and M. G. Bolek. 2015. Temporal occurrence and community structure of helminth parasites in southern leopard frogs, *Rana sphenocephala* from North Central Oklahoma. Parasitology Research. DOI 10.1007/s00436-014-4303-0.

**PROFESSIONAL MEETING PRESENTATIONS:**

1. Ambardar, M., and J.L. Grindstaff. 5 January 2015. Effects of brood size manipulation on parental care and nestling corticosterone levels in eastern bluebirds (*Sialia sialis*). Society for Integrative and Comparative Biology Annual Meeting. Palm Beach County Convention Center, West Palm Beach, FL.
2. Liede-Schumann, S., R. Khanum, A.S. Mumtaz, I. Gherghel, and A. Pahlevani. January 2015. Going West - a subtropical lineage (*Vincetoxicum*, Apocynaceae: Asclepiadoideae) expanding into Europe. 7th Biennial Meeting of the International Biogeography Society, 8– 12 January 2015, Bayreuth, Germany.
3. Naylor, M.F. & J.L. Grindstaff. January 5,, 2015. 17α-Ethinylestradiol influences courtship and reproductive success in Male Zebra Finches. The Society for Integrative and Comparative Biology annual meeting. West Palm Beach, FL.
4. Psonis, N., A. Antoniou, O.V. Kukushkin, B. Petrov, J. Crnobrnja-Isailovic, I. Gherghel, D. Jablonski, P. Lymberakis, and N. Poulakakis. January 2015. Investigating the phylogeography and population structure of *Podarcis tauricus* group. 7th Biennial Meeting of the International Biogeography Society, 8– 12 January 2015, Bayreuth, Germany.
5. Sabol, A., Ambardar, M., Grindstaff, J.L. January 2015. Brood size manipulation affects plumage coloration but not growth rate of nestling Eastern Bluebirds, *Sialia sialis*. Society for Integrative and Comparative Biology annual meeting. West Palm Beach, FL.

**GRANTS RECEIVED:**

1. Brewer, S. K., and R. A. Van Den Bussche. Using environmental DNA (eDNA) to assess the presence of cave-fish and crayfish populations in caves of the Ozark Highlands. United States Geological Survey. 1 January 2015 – 1 May 2016. $84,906.
2. Fox, S.F., E. Santoyo-Brito, and H. Núñez. January 2015. Running out of mountain: lizards in the Chilean Andes move up with warming temperatures due to climate change. Phoenix Zoo. $3000. 1 year.

**AWARDS RECEIVED:**

1. Ambardar, M. 2015. Mechanistic costs of aggression and parental care in eastern bluebirds; The relationship between testosterone and telomeres. North American Bluebird Society. $1000.

2. Ambardar, M. 2015. Mechanistic costs of aggression and parental care in eastern bluebirds; The relationship between testosterone and telomeres. New York State Bluebird Society. $500.

3. Deal, K.A. 1/23/15. Graduate and Professional Student Government Association Research Materials Grant. ($200).

4. Naylor, M. F. Oklahoma State University Graduate and Professional Student Government Association Research Grant. $200.