

EUGENIA V. BRAGINA

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EDUCATION

- 2008 Ph.D., Zoology (*PhD awarded in 2009*)
Thesis 'Vocal communication of endangered Siberian crane *Grus leucogeranus* and the white-naped crane *Grus vipio*: repertoire diversity, sex and individual features'
Moscow State University, Department of Biology
- 2002 M.Sc., Population ecology, diploma with honours
Thesis 'Phenotypic population structure and life-history traits in the Siberian population of the pied flycatcher *Ficedula hypoleuca*'
Moscow State University, Department of Biology

EXPERIENCE

- 2011 – current Postdoctoral Research Associate
Department of Forest and Wildlife Ecology, University of Wisconsin-Madison
- 2006 – 2013 Research Associate
Moscow State University, Department of Biology

TEACHING

- 2013, May 14 Guest Lecturer: 'Background for identification of a pair, sex, and individuals of Siberian and White-naped cranes', International Crane Foundation, Baraboo, WI
- 2013, April 21 Guest Lecturer: 'Population trends of main game mammals before and after the collapse of the Soviet Union', St. Cloud State University, St. Cloud, MI
- 2011 Workshop Instructor: 'Individual and Sexual Vocal Features of Avian Species'. Dept. of Vertebrae Zoology, Lomonosov Moscow State University, Russia. Responsibilities included developing and leading a workshop for 11 students
- 2007, 2008,
2009, 2010, Wildlife of Western Caucasus (Russia). Field course at the undergraduate level, Lomonosov Moscow State University, Russia.

summer semester	Responsibilities included developing curriculum, preparing and leading field training for 14-22 students during 18 days of camping
2006 – 2008, 2010, spring semester	Vertebrate Zoology Practicum. A lab at the undergraduate level, 15 students, Lomonosov Moscow State University, Russia. Responsibilities included leading laboratory assignments, giving and grading exams and quizzes
2007, 2008, fall and spring semester	Led middle and high school student zoology educational program, Lomonosov Moscow State University, Russia. Responsibilities included developing lesson plans and instructing/giving lectures

STUDENTS ADVISED

2008-2009	Viktoriya Moskalenko, undegraduate, I participated in supervising together with my advisor Irina R. Beme
2007-2008	Olesya Astakhova, PhD student, I participated in supervising together with my advisor Irina R. Beme

GRANTS

2013	'Travel support for mutual visits of American and Russian conservation biologists to pursue collaborative research', Trust for Mutual Understanding, Co-PI
2012	'Synthesis of studies on institutional change and LCLUC effects on carbon, biodiversity, and agriculture after the collapse of the Soviet Union', NASA Land Cover and Land Use Change Program, Co-I
2012	'Travel support for Russian conservation biologists to visit the University of Wisconsin-Madison for collaborative research', Trust for Mutual Understanding, Co-PI
2010	'Acoustic communication of non-passerine birds', Grant of the President of Russian Federation, Co-PI
2007	'Avian biological signal systems (communication, ontogenesis and evolution): the impact of biotic and abiotic factors and physiological conditions', Russian Fund for Basis Research, Co-I
2004, 2007, 2009, 2010	Travel fellowship of the Russian Fund for Basis Research to attend international conferences in Brazil, Italy, and Portugal
2005	'Vanishing cranes: an acoustical approach for remote monitoring',

Wildlife Conservation Society, team leader

- 2004 'Role of avian acoustic signals for communication, ontogenesis and evolution', Russian Fund for Basis Research, Co-I
- 2003 'The Siberian crane: it shall have the future!', Rufford Small Grant, team leader

PEER-REVIEWED PUBLICATIONS

E.V. Bragina, V.C. Radeloff, M. Baumann, K. Wendland, T. Kuemmerle, A.M. Pidgeon. Effectiveness of protected areas in the Western Caucasus before and after the transition to post-socialism. *In preparation*

Shchur A.V., **E.V. Bragina**, A.M. Pidgeon, V.C. Radeloff. Detection of selective logging and clearcuts using Landsat summer and winter imagery in Western Siberia. *In preparation*

E.V. Bragina, A.R. Ives, A.M. Pidgeon, T. Kuemmerle, L.M. Baskin, Y.P. Gubar, M. Piquer-Rodriguez, N.S. Keuler, V.G. Petrosyan, and V.C. Radeloff. Rapid declines of large mammal populations after the collapse of the Soviet Union. *Conservation Biology*, *In review*

Klenova A.V., M.V. Goncharova, **E.V. Bragina**, and T.A. Kashentseva. 2014. Vocal development and voice breaking in Demoiselle Cranes (*Anthropoides virgo*). Bioacoustics, in press [LINK](#)

E.V. Bragina, I.R. Beme. 2013. Sex and individual features in the long-range and short-range calls of the white-naped crane. *Condor*, 115(3):501-507 [LINK](#)

Alcantara C., T. Kuemmerle, M. Baumann, **E.V. Bragina**, M. Dubinin, P. Griffiths, P. Hostert, J. Knorn, D. Müller, A. Prishchepov, A. Sieber, and V.C. Radeloff, 2013. Mapping the extent of abandoned farmland in Central and Eastern Europe using MODIS time series. *Environmental Research Letters*, 8(3):035035 [LINK](#)

E.V. Bragina, I.R. Beme. 2010. Siberian crane duet as an individual signature of a pair: comparison of visual and statistical classification techniques. *Acta Ethologica*, 13 (1) P. 39-48 doi: 10.1007/s10211-010-0073-6 [LINK](#)

E.V. Bragina, I.R. Beme. 2007. Sex and individual variability in the vocal repertoire of captive adult Siberian cranes (*Grus leucogeranus*, Gruidae). *Zoologicheskij Zhurnal*. 86. P. 1468–1481 [In Russian with English summary]

OTHER PUBLICATIONS

E.V. Bragina, Beme I.R., 2008. Estimating interpair peculiarities in duets of the Siberian crane by means of visual classification. Proceedings of the International Conference "Crane of the Palearctic: biology and conservation", Rostov region, Russia, October 1-4, 2007. P. 12-20 [In Russian with English summary].

E.V. Bragina, Klenova A.V. 2004. About the first steps in development of the project of cranes' acoustical monitoring. Newsletter of Eurasian work group on cranes. 7-8. P. 40-41 [in Russian].

E.V. Bragina, 2004. Premature voice changing of the Siberian crane (*Grus leucogeranus*) chick. J. Ornithology. 31. P. 271-273 [in Russian].

CONFERENCES

E.V. Bragina, Wendland K, Baumann M, Sieber A, Kuemmerle T, Pidgeon AM, Alexandre P, Radeloff VC. Effectiveness of Russian protected areas before and after transition to post-socialism. International congress on conservation biology, Baltimore, MD. July 21-25, 2013. *Oral presentation*

E.V. Bragina, A.R. Ives, A.M. Pidgeon, T. Kuemmerle, L.M. Baskin, M. Piquer-Rodriguez, N.S. Keuler, and V.C. Radeloff. Decrease of game mammal populations after Soviet Union collapse. 19th Annual Conference of The Wildlife Society, Portland, OR, October 13-18, 2012. *Poster*

E.V. Bragina Comparison of individual features in single calls and duets of white-naped cranes (*Grus vipio*). 25th International Ornithological Congress, Campos do Jordão, Brazil, August 22-28, 2010. P. 468. *Poster*

Beme I.R., Goretskaia M.I., **E.V. Bragina**, Vabishchevich A.P., Veselovskaya E.O., Novikova M.A. 2009. Immune challenge mediates song structure in canary. 31 International Ethological Conference, 19-24 August, 2009, Reenes, Brittany, France. P. 144-145. *Poster*

E.V. Bragina, Beme I.R., 2009. Temporal stability and instability of pair-specific duets of two crane species. XXII International Bioacoustics Council Conference, Lisbon, September 14-18, 2009. P. 90. *Poster*

E.V. Bragina, Beme I.R., 2007. Vocal communication of the Siberian crane *Grus leucogeranus*: it does not matter, who you are – your sex is important. XXI Congress of International Bioacoustics Council, Italy, September 15-18, 2007. P. 26-27. *Oral presentation*

E.V. Bragina, 2007. Individual and sex features of the Siberian crane *Grus leucogeranus*. 4th All-Russian conference of animal behavior. Moscow, Russia, October 29 - November 1, 2007. P. 153-154 [in Russian]. *Oral presentation*

E.V. Bragina, 2006. Sex and individual features of the Siberian crane *Grus leucogeranus*. 12th International ornithological conference of Northern Eurasia. Stavropol, Russia, January 31 - February 5, 2006. P. 92-93 [in Russian]. *Oral presentation*

E.V. Bragina, 2005. Sex and individual acoustic features of the Siberian crane *Grus leucogeranus* as a method of conservation. *Alauda*. 73. 3. P. 253. [Abstracts of the 5th Conference of the European Ornithologist Union, Strasbourg, France] *Oral presentation*

E.V. Bragina, 2004. A case of premature breaking of voice in a chick of the Siberian crane *Grus leucogeranus* (Gruidae, Aves). 10th International Behavioral Ecology Congress, Jyväskylä, Finland, July 10-15, 2004. P.28. *Poster*

SKILLS AND QUALIFICATIONS

Field Skills: bird banding, live trapping, bird identification, wildlife snow tracks identification

Lab Skills: Polymerase Chain Reaction (PCR), The enzyme-linked immunosorbent assay (ELISA)

Software: ArcGIS, Maxent, R, STATISTICA, ENVI, ERDAS

MEMBERSHIPS

Crane Working Group of Eurasia, Board Member

The Wildlife Society

OUTREACH ACTIVITIES

2010 **E.V. Bragina**, Beme I.R., 2010. Avian duets: why do birds sing together? *Priroda*, 6. P. 13-18 [LINK](#) [in Russian].

2011 Presented for high school students on conservation biology