

ANDREI SOURAKOV

Ph.D. University of Florida, Entomology, 1997.

Florida Museum of Natural History
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PROFESSIONAL POSITIONS HELD

- 2005-present. Collections Coordinator, [Florida Museum of Natural History](#), **McGuire Center for Lepidoptera and Biodiversity**.
- 2009-present. Graduate Faculty, Department of Entomology and Nematology, University of Florida
- 2002 – 2005. Postdoctoral Researcher, **Florida Museum of Natural History**.
- 1999-2002. Postdoctoral Research Entomologist, [USDA-ARS-Center for Medical, Agricultural, and Veterinary Entomology](#), Gainesville, FL.
- 1998-1999. Postdoctoral Fellow, [California Academy of Sciences](#), San Francisco.
- 1992-1997. Research Assistant, **Dept. of Zoology, University of Florida**.
- 1994-1997. Teaching Assistant, **Department of Biological Sciences, University of Florida**.

OTHER PROFESSIONAL ACTIVITIES

- 2008 – 2014. Editor (since 2014 –Associate Editor) of the [Tropical Lepidoptera Research](#) (International peer-reviewed journal of the Association for Tropical Lepidoptera).
- 2014 – Present. Elegance of Science Contest organizing committee member.
- 2008 – 2016. Editor of the *Association for Tropical Lepidoptera Notes*.
- 2005 - 2017. [Center for Systematic Entomology](#) - member of the board, 2012-2017 President.
- 2007 – 2014. Editor, [News of the McGuire Center](#).
- 2002 - Present. [McGuire Center Exhibits](#), committee member. Also, participated in production of McGuire Center's exhibits as a scientific consultant/writer/photographer/preparator.
- 2003 - Graduate committees service: member (4), chair (1), Department of Entomology & Nematology, University of Florida
- 2006 - Present. Editor of the McGuire Center Research and Collections web site

TEACHING EXPERIENCE

Courses taught:

- 2015-2018. *Insects and Plants* IDH3931 (co-taught with Keith Willmott and Thomas Emmel)
- 2016. Techniques in Lepidoptera Systematics (individual studies) (ENY 4905)
- 2015. Ecology of trophic interactions (individual studies) (ENY 4905)
- 2014. *Ecology of Trophic Interactions in Lepidoptera* (Individual studies in entomology)
- 2010, 2012. *Biology of Lepidoptera* (co-taught with Keith Willmott) (ENY 6934)
- 2010. *Scientific Illustration* (individual studies) (IDS 4905, 2 credits)
- 2004. Instructor: ENY 6932: *Techniques in Lepidoptera Systematics*, University of Florida (Entomology & Nematology)

Guest teaching:

- 2017. Principles of Entomology ENY3005/5006
- 2017. Wildlife Issues in a Changing World Laboratory WIS 2040L
- 2016. Research in Insect Biodiversity
- 2011-present Guest lecturer, Summer camps, Alachua Co. school system and Florida Museum of Natural History.
- 2013-Guest Lecturer in **Spider Biology** course, UF (Biology Dept.).
- 2009-2010. Guest Lecturer on **Butterfly reproduction, Parasitoid biology, and History of Lepidoptera Research in Lepidoptera Biology course** (IDH 3931)
- 2009. Guest Lecture: "Fight and Flight." *Science Sunday Series, Florida Museum of Natural History* (lecture on reproduction systems in Lepidoptera).
- 2006-2007. Guest Lecturer on **Parasitoid biology** in *Lepidoptera Biology course* (IDH 3931)
- 2006 - 2007. Guest Lecturer and Lab Instructor on **Taxonomy** in *Lepidoptera Biology course* (IDH 3931)
- 2007. Guest Lecturer on **Evolutionarily Significant Units in Insect Conservation and Ecotourism course** (Entomology and Nematology Dept.)
- 2006. Guest Lecture: "Lunch on the Host: the inside story of Lepidoptera Parasitoid," *Science Sunday Series, Florida Museum of Natural History*.
- 1995-1997. Teaching Assistant: *Cells, Organisms, and Genetics*, Department of Biological Sciences (BSC 2005), University of Florida.
- 1995-1997. Teaching Assistant: *Ecology and Evolution*, Department of Biological Sciences (BSC 2006), University of Florida.
- 2000. Guest lecturer in Citra, Florida public school system (middle school – science).
- 2000. Guest presenter, (pre K, Gainesville) – Diversity of Insects.
- 1996. Guest lecturer, Retired Faculty of Florida organization.
- 1995. Guest lecturer in Huntsville, Alabama public school system (middle school – science).

GRANTS AND AWARDS

- 2016. Frey Foundation grant
- 2016, 2017. Smallwood Foundation grants
- 2016. NSF Grant, Co-PI
- 2013. [Prudential Productivity Award, State of Florida employees](#)
- 2010. Museum Associates Grant, FLMNH
- 2009-2013. Co-PI- NSF-BRC grant, "Integrating extraordinary collection..."
- 2009. Employee improvement grant, FLMNH
- 1998. Schlinger Postdoctoral Fellowship, California Academy of Sciences
- 1996-1999. PI- National Geographic Society grant #5717-96

RESEARCH PUBLICATIONS

1. Sourakov, A., 2018. Mass aggregations of *Idia* moths (Lepidoptera: Erebiidae) inside hollow trees in Florida. *Tropical Lepidoptera Research*, 28(1): 35-38.
2. Sourakov, A., 2018. Scientific Note: The Emperor's new clothes: radical transformation of the wing pattern in *Asterocampa clyton* caused by heparin. *Tropical Lepidoptera Research*, 28(1): 29-31.
3. Sourakov A. 2018. Size, spines and crochets: defences of luna moth caterpillars against predation by brown anoles. *Journal of Natural History* 52(7-8): 483-490. Doi: 10.1080/00222933.2018.1439540
4. Sourakov, A., R. A. St Laurent, K. Dexter, C. Doll. 2017. Experimental evidence for polyphenism in *Automeris io* (Lepidoptera: Saturniidae) in north Florida. *Tropical Lepidoptera Research*, 27(2): 117-119.
5. 37 chapters in 2017. *The Book of Caterpillars. A life-size guide to six hundred species from around the world.* (James DJ, editor). Un. Chicago Pr. 656pp.
<http://press.uchicago.edu/ucp/books/book/chicago/B/bo27346046.html>
6. Sourakov A. Giving eyespots a shiner: Pharmacologic manipulation of the Io moth wing pattern. *F1000Research* 2017, 6:1319 (doi: [10.12688/f1000research.12258.2](https://doi.org/10.12688/f1000research.12258.2))
7. Long, I. and Sourakov, A., 2017. Remarkable Longevity of the Chemically Defended Moth, *Utetheisa ornatrix* (Lepidoptera: Erebiidae) and the Factors that Affect it. [The Journal of the Lepidopterists' Society, 71\(3\), pp.173-176.](https://doi.org/10.1080/00222933.2017.1373176)
8. Sourakov, A. & P. R. Houlihan. 2017. Note on nocturnal activity of a skipper, *Pseudonascus paullinae*, in French Guiana. *Tropical Lepidoptera Research*, 27(1): 26-27.
9. Sourakov, A. 2017. Studying Lepidoptera in different lights. *News of the Lepidopterists' Society*, 59(2): 96-101.
10. Sourakov, A. & H. Alborn. 2017. On the evolutionary arms-race between the moth *Utetheisa ornatrix* (Erebiidae: Arctiinae) and its Florida host, *Crotalaria pumila* (Fabaceae): chemical attraction and mechanical defense. *Tropical Lepidoptera Research*, 27(1): 16-18.
11. Brandon, C. J & A. Sourakov. 2016. Evaluation of mechanical defense provided by pericarps of three different *Crotalaria* species to their seeds against a specialist herbivore, *Utetheisa ornatrix*: a case for a possible host-herbivore evolutionary arms race. *Tropical Lepidoptera Research*, 26(2): 85-92.
12. [Lukhtanov, V. L., A. Sourakov, E. V. Zakharov \(2016\): DNA barcodes as a tool in biodiversity research: testing pre-existing taxonomic hypotheses in Delphic Apollo butterflies \(Lepidoptera, Papilionidae\). *Systematics and Biodiversity*, DOI: 10.1080/14772000.2016.1203371](https://doi.org/10.1080/14772000.2016.1203371)
13. Sourakov, A. 2016. On adult caterpillar mimicry: cases from the moth world. *News of the Lepidopterists' Society*. 58(2): 97-99.
14. Long I. and A. Sourakov. 2016. Costs and benefits of raising *Utetheisa ornatrix* on two different plant diets and the role of inbreeding depression in larval survival. Association for Tropical Lepidoptera Notes. June issue. Pp. 1-3.
15. [Sourakov, A., D. Plotkin, A. Y. Kawahara, L. Xiao, W. Hallwachs, D. Janzen. 2015. On the taxonomy of the erythrina moths *Agathodes* and *Terastia* \(Crambidae: Spilomelinae\): Two different patterns of haplotype divergence and a new species of *Terastia*. *Tropical Lepidoptera Research*, 25\(2\): 80-98.](https://doi.org/10.1080/00222933.2015.1006700)
16. Sourakov, A., 2015. Antipredation and “antimimicry”: wing pattern is supported by behavior in *Archaeoprepona chromus* (Lepidoptera: Nymphalidae: Preponini). *ATL Notes*, December 2015 issue: 1-7.
17. [Sourakov, A. 2015. Gynandromorphism in *Automeris io* \(Lepidoptera: Saturniidae\). *News of Lepidopterists' Society*, 57\(3\): 118-129.](https://doi.org/10.1080/00222933.2015.1006700)
18. Sourakov, A. 2015. The “dusky” wing trait in *Utetheisa ornatrix bella* (Erebiidae, Arctiinae). *ATL Notes* June 2015 issue: 1-4.
19. Sourakov, A. 2015. Temperature-dependent phenotypic plasticity in wing pattern of *Utetheisa ornatrix bella* (Erebiidae, Arctiinae). *Tropical Lepidoptera Research*, 25(1): 33-45.
20. [Sourakov, A. 2015. You are what you eat: Native versus exotic *Crotalaria* species \(Fabaceae\) as host plants of the Ornate Bella Moth, *Utetheisa ornatrix* \(Lepidoptera: Erebiidae: Arctiinae\). *Journal of Natural History* 49:2397-2415, DOI: 10.1080/00222933.2015.1006700](https://doi.org/10.1080/00222933.2015.1006700)
21. [Matos-Maraví, P., R. N. Águila, C. Peña, J. Y. Miller, A. Sourakov, & N. Wahlberg. 2014. Causes of endemic radiation in the Caribbean: evidence from the historical biogeography and diversification of the butterfly genus *Calisto* \(Nymphalidae: Satyrinae: Satyrini\). *BMC evolutionary biology*, 14\(1\), 199. doi:10.1186/s12862-014-0199-7](https://doi.org/10.1186/s12862-014-0199-7)
22. Sourakov, A. 2014. Methods for fast moth surveys and notes on species encountered in Vietnam. *News of Lepidopterists' Society*, 56(2): 51-57.

23. Sourakov, A. 2014. On the polymorphism and polyphenism of *Automeris io* (Lepidoptera: Saturniidae) in north Florida. *Tropical Lepidoptera Research*, 24(1): 52-59.
24. [Sourakov, A. 2013. Larvae of Io Moth, *Automeris io*, on the Coral Bean, *Erythrina herbacea*, in Florida – the limitations of polyphagy. *J. Lepidopterists' Society* 67\(4\): 291-298.](#)
25. Sourakov, A. 2013. The Tropical Swallowtail Moth, *Lyssa zampa* (Uraniidae) – another victim of lymph-thirsty parasites in Vietnam. *News of Lepidopterists' Society* 55(3): 106-107.
26. [Sourakov, A. and L. M. Locascio. 2013. Exotic *Crotalaria* species as host plants of the Ornate Bella Moth, *Utetheisa ornatrix* \(Lepidoptera: Erebidae\), in Florida: Laboratory biology. *Florida Entomologist* 96\(2\): 344-350.](#)
27. Sourakov, A. 2013. Fierce faces of Florida tigers: moths mimicking spiders. *News of Lepidopterists' Society* 55(2): 60-61.
28. [Sourakov, A. 2013. Two Heads are better than one: False Head allows *Calycopis cecrops* \(Lycaenidae\) to escape Predation by a Jumping Spider, *Phidippus pulcherrimus* \(Salticidae\). *Journal of Natural History*, 47\(15-16\): 1047-1054. DOI:10.1080/00222933.2012.759288](#)
29. [Sourakov, A. 2012. On the biology of moths that feed on *Erythrina* in Florida. *Tropical Lepidoptera Research*, 22\(2\): 110-118.](#)
30. Sourakov, A. and M. Stubina. 2012. Functional morphology of masquerading larva of *Ceratomyx satanaria* with notes on horned spanworm, *Nematocampa resistaria* (Geometridae: Ennominae). *Tropical Lepidoptera Research*, 22(1): 53-59.
31. [Sourakov, A., A. Duehl, and A. Sourakov. 2012. Foraging behavior of the Blue Morpho and other tropical butterflies: the chemical and electrophysiological basis of olfactory preferences and the role of color. *Psyche*, vol. 2012, 10 pages, doi:10.1155/2012/378050.](#)
32. Sourakov, A. 2011. Niche partitioning, co-evolution and life histories of *Erythrina* moths, *Terastia meticulosalis* and *Agathodes designalis* (Lepidoptera: Crambidae). *Tropical Lepidoptera Research* 21(2): 84-94.
33. [Willmott, K.R., M. Elias, and A. Sourakov. 2011. Two possible caterpillar mimicry complexes in neotropical danaine butterflies \(Nymphalidae, Danainae: Danaini, Ithomiini\). *Annals of Entomological Society of America*, 104\(6\):1108-1118.](#)
34. Sourakov, A. 2011. Report of partial bilateral gynandromorph of *Dismorphia spio* with notes on adult sexual dimorphism and illustrations of immature stages. *J. Lepidopterists' Society*, 65(3): 196-199.
35. [Sourakov A. and E. V. Zakharov. 2011. "Darwin's butterflies"? DNA barcoding and the radiation of the endemic Caribbean butterfly genus *Calisto* \(Lepidoptera, Nymphalidae, Satyrinae\). *Comparative Cytogenetics* 5: 191-210. doi: 10.3897/compcytogen.v5i3.1730](#)
36. Núñez Bustos E., P. Favre, M. P. Bertolini, J. D. Turner and A. Sourakov, 2011. Mariposas diurnas (Lepidoptera: Papilionoidea y Hesperioidea) de la reserva privada Osununu-Parque Provincial Teyu Cuare y alrededores de San Ignacio, Provincia de Misiones, Argentina. *Tropical Lepidoptera Research*, 21(1): 34-42.
37. Sourakov, A. 2011. Faster than a flash: the fastest visual startle reflex response is found in a long-legged fly, *Condylostylus* sp. (Dolichopodidae). *Florida Entomologist*, 94(2): 367-369.
38. Sourakov, A. 2010. Natural and sexual selection in satyrine wing patterns: a complex story. *News of Lepidopterists' Society* 52(1): 6-7, 15.
39. Sourakov, A. 2009. Notes on the biology of the Gulf Fritillary *Agraulis vanillae* (Lepidoptera: Nymphalidae) in north-central Florida. *J. Lepidopterists' Society* 63(2) 127.
40. Sourakov, A. 2009. On the immature stages of citrus-feeding butterflies of Hispaniola. *Tropical Lepidoptera Research*, 19(2): 115-117.
41. Miller Y. J. and A. Sourakov. 2009. Some observations on *Amauta cacica procera* (Boisdouval) (Castniidae: Castniinae) in Costa Rica. *Tropical Lepidoptera Research*, 19(2): 113-114.
42. Sourakov, A. 2009. Extraordinarily quick visual startle reflexes of skipper butterflies (Lepidoptera: Hesperioidea) are among the fastest in the animal kingdom. *Florida Entomologist*, 92(4): 653-655.
43. Sourakov, A. 2009. Direct competition for nectar in some Patagonian butterflies. *News of Lepidopterists' Society*. 51(1): 14-15.
44. Sourakov, A. 2009. On polyphenism of *Eurema daira* in Florida. *News of Lepidopterists' Society*. 51(1): 38-40.
45. [Lukhtanov V. A., A. Sourakov, E. V. Zakharov, and P. D. N. Hebert, 2009. DNA barcoding Central Asian butterflies: Increasing geographical dimension does not reduce the success of species identification. *Molecular Ecology Resources*. 9: 1302-1310. doi: 10.1111/j.1755-0998.2009.02577.x](#)
46. Sourakov A., 2008. Artificial hybridization and natural subspeciation in *Cercyonis pegala* (Nymphalidae, Satyrinae). *News of Lepidopterists' Society*. 50(2): 52-53.

47. Sourakov A. and T. C. Emmel. 2008. Life history and karyology of *Paralasa nepalica* (Lepidoptera: Nymphalidae, Satyrinae). *Tropical Lepidoptera Research*, 18(1): 40-42.
48. Sourakov A., 2008. Pupal mating in Zebra longwing (*Heliconius charithonia*): photographic evidence. *News of Lepidopterists' Society*. 50(1): 26-29, 32.
49. Sourakov, A., 2008. Trophic interactions involving *Herpetogramma phaeopteralis* (Lepidoptera: Pyralidae) and *Passiflora incarnata* (Passifloraceae). *Florida Entomologist*, 91(1):136-138.
50. Sourakov A., 2007. Dominican Republic – notes on evolution of butterflies and of our knowledge about them. *News of Lepidopterists' Society*. 49(2): 46-55.
51. Sourakov A. and E. R. Mitchell, 2002. Sex allocation in progeny of *Diadegma insulare* (Hymenoptera: Ichneumonidae). *J. Entomol. Sci.*, 37(2):210-211.
52. Johanowicz D. J., H. A. Smith, A. Sourakov, and E. R. Mitchell, 2002. Lambsquarter in a maize agroecosystem: a potential refuge for natural enemies of the fall armyworm. *J. Entomol. Sci.*, 37(2):203-206.
53. Sourakov A. and E. R. Mitchell, 2002. Reproductive biology of *Meteorus autographae*: host choice and sex ratio. *J. Entomol. Sci.*
54. Sourakov A. and E. R. Mitchell, 2002. Laboratory biology of *Chetogena scutellaris* (Diptera: Tachinidae). *Florida Entomologist*, 85(2):341-343.
55. Sourakov A. and J. C. Daniels, 2002. Is *Battus philenor hirsuta* a subspecies? *News of the Lepidopterist Society*, 44(2):64-65.
56. Sourakov A. and E. R. Mitchell, 2001. Effect of cool temperatures on oviposition and development of *Cotesia marginiventris* (Hymenoptera: Braconidae). *Florida Entomologist*, 84(2):308-309.
57. Sourakov A. and T. C. Emmel, 2001. Notes on life histories of Satyrinae in the Solomon Islands (Lepidoptera: Nymphalidae). *Tropical Lepidoptera*, 12 (Suppl. 1):7-12.
58. Sourakov A. and T. C. Emmel, 2001. On the toxic diet of day-flying moths in the Solomon Islands (Lepidoptera: Arctiidae). *Tropical Lepidoptera*, 12 (Suppl. 1):5-6.
59. Sourakov A., 2000. Notes on the genus *Calisto*, with descriptions of the immature stages (Part II) (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera*, 10(2):73-79.
60. Sourakov A., 1999. Deciduous scales on Satyrine legs. *News of the Lepidopterist Society*, 41(1): 29.
61. Sourakov A. and T. C. Emmel, 1997. *Bicyclus* and *Hallelesis*: their immature stages and taxonomic relationships (Lepidoptera: Nymphalidae: Satyrinae). In Contributions to Studies of West African Butterflies. (Sourakov, editor). *Tropical Lepidoptera*, 8(Supplement 3):14-22.
62. Sourakov A. and T. C. Emmel, 1997. *Ypthima* and *Ypthimomorpha*: their immature stages and taxonomic relationships (Lepidoptera: Nymphalidae: Satyrinae). In Contributions to Studies of West African Butterflies. (Sourakov, editor). *Tropical Lepidoptera*, 8(Supplement 3):23-28.
63. Sourakov A. and T. C. Emmel, 1997. Notes on life histories of *Oboronia liberiana* and *Athysanota ornata* (Lepidoptera: Lycaenidae). In Contributions to Studies of West African Butterflies. (Sourakov, editor). *Tropical Lepidoptera*, 8(Supplement 3):29-31.
64. Sourakov A. and T. C. Emmel, 1997. Notes on life histories of *Pyrrhocaccia iphis* and *Pardaleodes tibullus* (Lepidoptera: Hesperidae). In Contributions to Studies of West African Butterflies. (Sourakov, editor). *Tropical Lepidoptera*, 8(Supplement 3):32.
65. Sourakov A. and T. C. Emmel, 1997. Mating habits and functions of the sphragis in the genus *Acraea*, with a possible explanation for monosexual populations (Lepidoptera: Nymphalidae: Acraeinae). In Contributions to Studies of West African Butterflies. (Sourakov, editor). *Tropical Lepidoptera*, 8(Supplement 3):33-35.
66. Sourakov A., 1997. "Social" oviposition behavior and life history of *Aglais cashmirensis* from Nepal (Lepidoptera: Nymphalidae). *Holarctic Lepidoptera*, 4(2):75-76.
67. Sourakov A., 1997. Do "facets" and size variation in larval stemmata of satyrines indicate better vision? *News of the Lepidopterist Society*. News of the Lepidopterists' Society, 39(1): 10-11.
68. Sourakov A., 1996. Notes on the genus *Calisto*, with descriptions of the immature stages (Part I) (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera*, 7(1: Part 2): 91-112.
69. Dantchenko A., A. Sourakov, and T. C. Emmel, 1996. Notes on the life history of *Sephisia princeps* Fixsen (Lepidoptera: Nymphalidae) in Eastern Russia. *Holarctic Lepidoptera*, 3(2):47-57.
70. Sourakov A. and T. C. Emmel, 1996. Notes on the life history of *Anetia jaegeri* (Lepidoptera: Nymphalidae: Danainae) from Hispaniola. *Tropical Lepidoptera*, 7(2):155-159.
71. Emmel T. C., A. Sourakov, and A. Dantchenko, 1996. A butterfly expedition to Armenia. *Holarctic Lepidoptera*, 3(2): 37-41.
72. Dantchenko A., A. Tshuvilin, S. Andreev, and A. Sourakov, 1996. Notes on butterfly collecting in a natural steppe reserve in Central Russia. *Atalanta*, 27 (3/4): 649-656.

73. Dantchenko A., A. Sourakov, and T. C. Emmel, 1995. Egg structure and notes on biology of Theclinae (Lepidoptera: Lycaenidae) of Primor'e, Russian Far East. *Holarctic Lepidoptera*, 2(1): 27-38.
74. Sourakov A., 1995. Notes on life histories of Lepidoptera of Las Alturas, Costa Rica. *Tropical Lepidoptera*, 6(1): 3-4.
75. Sourakov A. and T. C. Emmel, 1995. Early stages of *Calisto grannus* Bates on Hispaniola (Lepidoptera: Nymphalidae: Satyrinae). *Tropical Lepidoptera*, 6(1): 27-30.
76. Emmel T. C., A. Sourakov and A. Dantchenko. 1995. A Lepidoptera expedition to the Far East Region of Russia. *Holarctic Lepidoptera*, 2(2): 43-50.
77. Dantchenko A., T. C. Emmel, and A. Sourakov, 1995. Nuclear pollution and gynandromorphic butterflies in southern Russia. *Holarctic Lepidoptera*, 2(2): 77-79.
78. Sourakov A. and T. C. Emmel, 1995. Life history of *Greta diaphana* from the Dominican Republic (Lepidoptera: Nymphalidae). *Tropical Lepidoptera*, 6(2): 155-157.
79. Sourakov A., 1995. Systematics, evolutionary biology and population genetics of the *Cercyonis pegala* Group (Nymphalidae: Satyrinae). *Holarctic Lepidoptera*, 2(1): 1-21.
80. Sourakov A. and T. C. Emmel, 1995. Bait trapping for butterflies in Kenya. *Tropical Lepidoptera*, 6(1):1-2.
81. Johnson K. and A. Sourakov, 1993. Haistreak butterflies of the genus *Serratofalca* (Lepidoptera: Lycaenidae). *Tropical Lepidoptera*, 4(2): 107-118.
82. Sourakov A., 1987. Side effect of antihelminth drug "prazicvante" on tissues of laboratory animals (in Russian). *Anthology of Publications of First Moscow Medical Institute*.

POPULAR ARTICLES

1. Sourakov, A. 2013. Hairstreak false heads deflect spider attacks. *American Butterflies* 21(1): 4-11.
2. Sourakov A., 2009. Butterfly effect in evolution. (in Russian). *Priroda (Nature)*, 3: 76-85. (Суратов А. А., 2009. Феномен бабочки в эволюции. *Природа*, 3: 76-85.) Russian Academy of Sciences, Moscow.
3. Sourakov A., 2008. Inquilines and Cleptoparasites. In *Encyclopedia of Entomology*, Springer; 2nd edition, J. L. Capinera editor, Pp. 1955-1958.
4. Sourakov A., 2008. Night blooming plants and their insect pollinators. In *Encyclopedia of Entomology*, Springer; 2nd edition, J. L. Capinera editor, Pp. 2610-2612.
5. Sourakov A., 2008. Pyrrolizidine Alkaloids and Tiger Moths (Lepidoptera: Arctiidae). In *Encyclopedia of Entomology*, Springer; 2nd edition, J. L. Capinera editor, Pp. 3094-3095.
6. Sourakov A., 2008. Sphragis. In *Encyclopedia of Entomology*, Springer; 2nd edition, J. L. Capinera editor, Pp. 3485-3486.
7. Sourakov A. and T. C. Emmel. 2008. Conservation of Insects. In *Encyclopedia of Entomology*, Springer; 2nd edition, J. L. Capinera editor, Pp. 1025-1035.
8. Emmel T. C. and A. Sourakov. 2008. Monarchs. In *Encyclopedia of Entomology*, Springer; 2nd edition, J. L. Capinera editor, Pp. 2456-2461.
9. Sourakov A., 2002. Night Bloomers and their matchmakers. *California Wild Magazine*, 55(4): 13-17.
10. Sourakov A., Fall 2001. Lunch on the Host: the inside story of insect parasitism. *California Wild Magazine*, 54(4): 28-34.
11. Sourakov A., 1999. Breathlessly Seeking Butterflies: A Lepidopterist in Nepal. *California Wild Magazine*, 52(4): 41-52.
12. Sourakov A., 1998. Elliott Key's Endangered Swallowtail. *California Wild Magazine*, 51(3): 44-45.

MISCELLANEOUS PUBLICATIONS

1. Sourakov, A. & A. D. Warren. 2016. Two special collections at the McGuire Center are digitized. *News of the Lepidopterists' Society* 58(3): 118-199.
2. Sourakov, A. 2014. Erythrina leafminer, *Leucoptera erythrinella* (Lepidoptera: Lyonetiidae). *Featured Creatures Website*, <http://entnemdept.ufl.edu/creatures/>, University of Florida. Publication Number: EENY-582. (Also available at EDIS: <http://edis.ifas.ufl.edu/in1023>)
3. Sourakov, A. 2013. Editorial: "Impact." McGuire Center News, April 2013 issue.

4. Sourakov, A. 2012. Book Review: *Owlet Caterpillars of Eastern North America* by David L. Wagner, Dale F. Schweitzer, J. Bolling Sullivan, & Richard C. Reardon (2011). *Tropical Lepidoptera Research*, 22(2): 119.
5. Sourakov, A. 8-22-2012. Comment to "Butterflies and balloons at Fukushima" at <http://blogs.nature.com/news/2012/08/butterflies-and-balloons-at-fukushima.html>
6. Sourakov, A. 2012. *Conura eubule* - a Parasitoid of *Phoebis sennae* in Florida. *Notes of the Association for Tropical Lepidoptera*, June issue, p. 4.
7. Freitas A. V. L. & A. Sourakov. 2012. ELEN IV - The Fourth Meeting on Neotropical Lepidoptera. *Notes of the Association for Tropical Lepidoptera*, June issue, p. 4.
8. Sourakov, A. 2012. Erythrina moths: *Terastia meticulosalis* Guenée and *Agathodes designalis* Guenée (Lepidoptera: Crambidae: Spilomelinae). *Featured Creatures Website*, <http://entnemdept.ufl.edu/creatures/>, University of Florida. Publication Number: EENY-516.(Also available at EDIS: <http://edis.ifas.ufl.edu/in921>)
9. Sourakov, A. and T. Paris. 2010. Fall webworm, *Hyphantria cunea* (Lepidoptera: Arctiidae). *Featured Creatures Website*, <http://entnemdept.ufl.edu/creatures/>, University of Florida. Publication Number: EENY-486. (Also available at EDIS: <http://edis.ifas.ufl.edu/in878>)
10. Sourakov, A. 2010. New hostplant records for two noctuid species in Florida. *Notes of the Association for Tropical Lepidoptera*, June issue, p. 2.
11. Sourakov, A. 2010. Book Review: *Moths of Western North America* (2009). Powell J. & P. Opler. *Florida Entomologist*, 93(2): 330.
12. Sourakov, A. 2009. Book Review: *Butterflies of the Cayman Islands* (2008). Askew R. R. & P.A. van B. Safford. *Tropical Lepidoptera Research*, 19(1): 59.
13. Sourakov, A. 2009. Kaleidophotos exhibit at the Florida Museum of Natural History: Learning by photographing butterflies. *McGuire Center News*, Issue 3: 5.
14. Sourakov, A. 2009. Viceroy butterfly, *Limenitis archippus* (Lepidoptera: Nymphalidae). *Featured Creatures Website*, <http://entnemdept.ufl.edu/creatures/>, University of Florida. Publication Number: EENY-458 (Also available at EDIS: <http://edis.ifas.ufl.edu/in828>)
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17. Sourakov, A. 2008. White M hairstreak, *Parrhasius m-album* (Lepidoptera: Lycaenidae). *Featured Creatures*, <http://entnemdept.ufl.edu/creatures/>, University of Florida. Publication Number: EENY-441(Also available at EDIS: <http://edis.ifas.ufl.edu/in782>)
18. Sourakov A. 2005. Surplus Park is Hard to Envision. *The Gainesville Sun* (August 2).
19. Frank, J. H. and Sourakov A., 2002. Larra wasps, the mole cricket hunters. *Featured Creatures*, <http://entnemdept.ufl.edu/creatures/>, University of Florida. Publication Number: EENY-268(Also available at EDIS: <http://edis.ifas.ufl.edu/in451>)
20. Sourakov A., E. R. Mitchell, 2000. *Cotesia marginiventris* (Hymenoptera: Braconidae). *Featured Creatures*, <http://entnemdept.ufl.edu/creatures/>, University of Florida. Publication Number: EENY-123 (Also available at EDIS: <http://edis.ifas.ufl.edu/in280>)
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23. Sourakov A., 2001. The Terrible Solomons. *Tropical Lepidoptera*, 12 (Suppl. 1):1-4.
24. Sourakov A. 2000. Book Review: *Nabokov's Blues*, Johnson, K. & S. Coates. *California Wild*, Spring Issue. <http://research.calacademy.org/redirect?url=http://researcharchive.calacademy.org/calwild/>
25. Sourakov A., 1998. Social Egg-Laying in *Aglais cashmirensis*, the Indian Tortoiseshell. *News of the Lepidopterist Society*, 40(1): 28.

26. Lepidoptera of Kulja and Surrounding Mountains. 1998. Serge Alpheraky *News of the Lepidopterist's Society*, 40(1) and 40(3). (Translated from Russian and foreword by Andrei Sourakov).
27. Sourakov A. 1995. Book Review: *Die Tagfalter Nordwestasiens / Butterflies of North-West Asia*, Lukhtanov V. & A. Lukhtanov. *Holarctic Lepidoptera*, 2(1).

Federal Reports (in part)

1. Sourakov A. and E. R. Mitchell, 1999-2002. Annual reports of Agricultural Research Service, USDA.
2. Emmel T. C., J.C. Daniels, P. J. Eliazar, M. C. Minno, A. Sourakov, S. D. Larsen, L. L. Groce, J. A. Fletcher, and J. L. Nation, Jr., 1994. Captive propagation and habitat reintroduction for the Schaus Swallowtail following Hurricane Andrew (RWO 113). Pp. 20-21, in *Florida Cooperative Fish and Wildlife Research Unit Annual Report*, January to December 1993. Gainesville, Florida. 54 pp. [March 1994]
3. Emmel T. C., J.C. Daniels, P. J. Eliazar, M. C. Minno, A. Sourakov, S. D. Larsen, L. L. Groce, J. A. Fletcher, and J. L. Nation, Jr., R. A. Worth, and K. A. Schwarz, 1995. Captive propagation and habitat reintroduction for the Schaus Swallowtail following Hurricane Andrew (RWO 113). Pp. 20-21, in *Florida Cooperative Fish and Wildlife Research Unit Annual Report*, January to December 1994. Gainesville, Florida. Pp. 40-41. [March 1995]

PRESENTATIONS AT SCIENTIFIC MEETINGS

1. 2016. Triant, D., V. Ficarrota, J. Breinholt, L. Xiao, M. Espeland, A. Sourakov & A. Kawahara. Genome assembly of the io moth, *Automeris io* (Lepidoptera, Saturniidae). International Congress of Entomology.
2. 2016. Sourakov, A. The usefulness of DNA-barcoding databases for routine taxonomic research and identification of Lepidoptera. International Congress of Entomology.
3. Sourakov, A., E. Zakharov and V. A. Lukhtanov. 2016. "Utility of DNA barcodes for taxonomy from the perspective of examining three unrelated groups of Lepidoptera. SLS/ATL
4. 2016. Sourakov, A. Lepidoptera as tools for informal science education. Lepidopterists' Society, Annual Meetings
5. 2016 Sourakov, A., D. Plotkin, A. Y. Kawahara, L. Xiao, W. Hallwachs, D. Janzen. From Florida to New Guinea: Two different patterns of haplotype divergence, biology, and taxonomy of the erythrina-feeding crambid moths. ATL and Lepidopterists' Society, Annual Meetings
6. 2014. Sourakov, A. "Two heads are better than one: how hairstreaks escape attacks by jumping spiders." Combined meeting of Association for Tropical Lepidoptera and Southern Lepidopterist's Society, Gainesville, FL.
7. 2013. 62nd Lepidopterists' Society of America annual meeting. Gainesville, FL.
8. 2013. Florida Entomological Society annual meeting. Naples, FL.
9. 2012. "Niche partitioning, co-evolution and life histories of Erythrina-feeding moths in Florida." Combined meeting of Association for Tropical Lepidoptera and Southern Lepidopterist's Society, Gainesville, FL.
10. 2012. "DNA Barcoding and the Radiation of the Endemic Caribbean Butterfly Genus *Calisto* (Lepidoptera, Nymphalidae, Satyrinae)." IV Encuentro de Lepidoptera Neotropicales. Montevideo, Uruguay.
11. 2010. "Caterpillar Mimicry? Two Possible Examples in the Neotropical Danainae" Combined meeting of Association for Tropical Lepidoptera and Southern Lepidopterist's Society. (with Keith Willmott)
12. 2010. "Immature stages of Hispaniolan Butterflies: lessons from the young." 59th Meeting of the Lepidopterists' Society of America, Leavenworth, WA.
13. 2010. "Richness and phenology of a moth community in North-central Florida." Florida Entomological Society, annual meeting, Jupiter, FL and Forum Herbulot, Gainesville, FL.
14. 2009. "Learning about butterfly behavior through filmography." Combined meeting of Association for Tropical Lepidoptera and Southern Lepidopterist's Society.
15. 2006. "Richness and phenology of a moth community in North-central Florida." 57th Meeting of the Lepidopterists' Society of America, Gainesville, FL. (with G.T. Austin)

16. 2005. "The Miami Blue Butterfly: a year in review and look at future research." 56th Meeting of the Lepidopterists' Society of America, Sierra Vista, AZ, (with E. Saarinen and J. Daniels).
17. 2003. "Lunch on the Host: an Inside Story of a Lepidoptera Parasitoid" – Association for Tropical Lepidoptera/Southern Lepidopterists' Soc., Gainesville, FL.
18. 2002. "Biology, Biogeography, and Systematics of the Genus *Calisto*", Symposium on Biology of Butterflies, Leiden, Holland.
19. 1999. "Some Curious Facts about Island Biogeography of Satyrinae" -- Association for Tropical Lepidoptera, Gainesville, FL.
20. 1997. "Morphology of Immature Stages in Satyrinae (Lepidoptera: Nymphalidae) and its Application to Systematics" -- Association for Tropical Lepidoptera, Annual Meeting.
21. 1994. "Lepidoptera Expedition to Madagascar"-- Association for Tropical Lepidoptera, Annual Meeting.

SEMINARS (IN PART)

1. 2015. The McGuire Center Series, Andrei Sourakov & Clara Brandon "Studies on the Bella Moth (*Utetheisa ornatrix*) and its evolutionary arms race with the rattlebox plants."
2. 2014. The McGuire Center Series, Andrei Sourakov "Phenotypic plasticity and polymorphism of Io and Bella moths."
3. 2014. The McGuire Center Series, "What I did Last Summer": Andrei Sourakov, Chris Johns and Keith Willmott
4. 2014. The McGuire Center Series, FLMNH: "How much do we know about our best known Leps?"
5. 2013. The McGuire Center Series, FLMNH: "Two heads are better than one: the story of the hairstreak butterfly and the jumping spider."
6. 2012: Alexandra Sourakov, Adrian Duehl and Andrei Sourakov, The McGuire Center Series, FLMNH: "Foraging Behavior of the Blue Morpho and Other Tropical Butterflies: the Chemical and Electrophysiological Basis of Olfactory Preferences and the Role of Color."
7. 2012. (Spring). McGuire Center Seminar Series, FLMNH. "Lunchtime research behind the museum: Niche partitioning and life histories of *Erythrina* moths."
8. 2011. (Fall). McGuire Center Seminar Series, FLMNH. "Darwin's Butterflies? Spectacular species radiation in the Caribbean studied with 'DNA Barcoding'"
9. 2011. (Spring). McGuire Center Seminar Series, FLMNH. Using DNA barcoding in systematics of Palearctic butterflies. (with Vladimir Lukhtanov)
10. 2010. McGuire Center Seminar Series, FLMNH. The Role of Video in Lepidoptera Research. (with Court Whelan, Christian Salcedo, Thomas Emmel, and Matthew Trager).
11. 2008. Temaikén Foundation, Escobar, Argentina. "Lepidoptera Research and Conservation."
12. 2006. McGuire Center Seminar Series, FLMNH. Seminar on Parasitoids ("Lunch on the host.")
13. 2006. McGuire Center Seminar Series. Fieldwork in Costa Rica.
14. 2005. McGuire Center Seminar Series. Systematics and biogeography of the genus *Calisto*.
15. 2006. McGuire Center Seminar Series. History of Russian Lepidopterological Exploration.
16. 2001. Entomology & Nematology Department, University of Florida. "Butterflies of the Tropical Islands: their rise and fall."
17. 2000. USDA, Summer School Seminar Series. "Parasitoids and their Role in Biological Control of Florida vegetable pests."
18. 1998. California Academy of Sciences. "Love for Larvae and its Phylogenetic Consequences."
19. 1998. California Academy of Sciences. "Exploring Nepal."

OTHER SELECT ACTIVITIES

Manuscripts Refereed:

- *F1000Research*
- *Euroasian Entomological Journal*
- *Current Zoology*
- *Proceedings of the Royal Society B*
- *Biodiversity Data Journal*
- *Neotropical Entomology*
- *Molecular Ecology Resources*
- *Evolutionary Ecology*
- *Biological Journal of the Linnean Society*
- *Zookeys*
- *Florida Entomologist*
- *Economic Entomology*
- *Journal of the Lepidopterists' Society*
- *Journal of Tropical Lepidoptera*
- *Journal of Holarctic Lepidoptera*
- *Zootaxa*
- National Geographic Society
- *Bulletin of Insectology*
- National Science Foundation
- University of Tasmania Graduate School (oversees examiner)
- *Tropical Lepidoptera Research*
- *Bulletin of the Allyn Museum*
- *Invertebrate Systematics*

Select photographic exhibits

- 2007. Personal photo Exhibit "Tibetans in Nepal: Impressions from a Natural History Expedition," Florida Museum of Natural History, Feb-May.
- 2003. Personal Photo Exhibit "Portraits of Florida Insects." Florida Museum of Natural History, September-January.
- 2002. Personal Photo Exhibit "The World of Butterflies." Florida Museum of Natural History, September-January.

Select photo contest prizes

- 2010. Elegance of Science Contest (held by University of Florida Marston science library). Honorable mention.
- 2008. 1st Elegance of Science Contest (held by University of Florida Marston science library), Winner - 1st place with "Urania Kaleidoscope"
- 2003. Federal Wildlife Federation photo contest, finalist

Select publicity

- 2014 - NPR-Science Friday-Moth Week interview

Featured in Florida Museum's *Science Stories*:

- [Hollow trees host massive moth slumber parties \(2018\)](#)
- [DNA barcodes help solve butterfly classification conundrums \(2017\)](#)
- [Bella moth keeps dangerous invasive plants at bay in Florida \(2015\)](#)
- [Jumping spider vs. hairstreak butterfly \(2013\)](#)
- [Exotic plants affect native moth \(2013\)](#)
- [Documenting evidence of mimicry in caterpillar \(2011\)](#)
- [Using DNA bar coding to improve tropical butterfly classification \(2011\)](#)
- [Eighth-grader wins science fairs with butterfly behavior project \(2010\)](#)
- [DNA barcoding shows promise for butterfly identification \(2009\)](#)
- [Barcoding Biodiversity. Current Biology, Volume 22, Issue 3, R73-R76, 7 February 2012 edit](#)
- December 2011. UF researchers document caterpillars that mimic one another for survival. University of Florida News.

- [December 2011. Caterpillars Mimic One Another for Survival. *Science Daily*.](#)
- [August 2011. Darwin's Butterflies? Spectacular Species Radiation in the Caribbean Studied With DNA Barcoding. *Science Daily*.](#)
- November 2010. Setting out a Butterfly banquet (a teen tests which senses butterflies use to find food). *Science World*, Scholastic Inc.
- Buhler, A. G., & Davis, V. (2010). Elegance of science Coordinating an annual scientific art contest at the library. *College & Research Libraries News*, 71(5), 248-251. Coordinating an annual scientific art contest at the library
- October 2009. DNA barcoding research shows promise for butterfly identification. *Natural History Magazine*, 118(8) (issue published for FLMNH)
- March 2008. Beauty Takes Flight. *Times at Home* (magazine of *St. Petersburg Times*, FL).
- Florida Museum to Display Tibetan Treasures. Tibetlink.com;
- Sept. 2005. "Creating Butterfly and Moth World." *Exhibit City News*,
- [February 2004. "The Beauty of Bugs." \(personal interview\) by Karen Fabry, *Ocala Style Magazine*, Pp. 84-88.](#)
- September, 2002. "An Interview with Andrei Sourakov." (personal interview) by Oscar Molina, *Satellite Magazine*, Vol. 1.: 14-15.
- 1999. In "*Nabokov's Blues: The Scientific Odyssey of a Literary Genius*." By Kurt Johnson and Steven L. Coates. Cambridge, Massachusetts: Zoland Books. 372pp. ISBN: 1581950098
- August 25, 1998. "Team Helps in Butterfly Farming." *Solomon Star* (daily newspaper of the Solomon Islands).

Select published photography

- Cover of *Functional Ecology*, April 2015 Volume 29(4).
- *In Seeing Butterflies, New perspectives on Colour, Patterns and Mimicry.* by Philip Howse. Papadakis. 176pp.
- NPR-Science Friday-Photo of the Week, July 2014
- In *Unsere welt ohne insekten? Ein teil der natur verschwindet.* by Mario Markus. Kosmos, Stuttgart 2014, 249 pp.
- *In New Scientist*, Oct 14, 2009.
- In *Tiger Moths and Woolly Bears: behavior, ecology, and evolution of the Arctiidae* by W. E. Conner. 2009. Oxford University Press.
- In *Encyclopedia of Entomology*, Springer, Capinera edit. 2nd edition (ca.100 photographs), 2008.
- In *Extraordinary Animals: An Encyclopedia of Curious and Unusual Animals*, by Ross Piper, Greenwood Press, 2007.
- [In Choice of food helps hungry caterpillars. *Science Daily*, June 10, 2004.](#)
- In "Winners of annual photo contest," *NATIONAL WILDLIFE*, December, 2003.
- In "Talking Plants," *DISCOVER*, April, 2002.
- In "Stay away from tobacco." *NATURAL HISTORY*, Oct., 2001.
- Cover of *Tropical Lepidoptera*: Vol. 5(1,2), 6(2), 8(2), 7(2), 9(2).

- Cover of *Tropical Lepidoptera Research* Vol. 18(1,2), 19 (1,2), 20(1), 21(1,2), 22(2), 23(1,2), 24(1), 24(2), 26(2), 27(2), 28(1)
- Cover of *Holarctic Lepidoptera*: Vol. 3(2).
- Cover of *Atlas of Neotropical Lepidoptera* by G. Lamas, 2004.
- In *North American favorite butterflies*. by Patti and Milt Putnam, Willow Creek Press. (1996)
- In *A World for Butterflies: Their Lives, Habitats and Future*. Firefly Press. (2000).
- In *Insect Physiology* by J. L. Nation, first edition 2002 and second edition 2015
- In "The Beauty of Bugs." *Ocala Style Magazine*, February 2004, Pp. 84-88