

HARI SRIDHAR

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EDUCATIONAL QUALIFICATIONS

PhD (2014)

Centre for Ecological Sciences, Indian Institute of Science

MSc - Wildlife Science (2005)

Wildlife Institute of India

Bachelor in Zoology (2002)

University of Madras

RECENT PROFESSIONAL APPOINTMENTS

Post-doctoral Fellow (October 2014 - Present)

Centre for Ecological Sciences, Indian Institute of Science

Member, Governing Board (March 2015 – Present)

International Network of Next-Generation Ecologists (INNGE)

College for Life Sciences Fellow (September 2013 – March 2014)

Wissenschaftskolleg zu Berlin

Consultant (to develop a new Master's level course in Conservation Practice; May-August 2013)

Nature Conservation Foundation; www.ncf-india.org

Organizer (January 2012 – December 2014); Working Group Member (2015-2018)

Student Conference on Conservation Science, Bangalore; <http://sccs-bng.org/>

Founder organizer (along with approx. 30 other students; 2008-2010)

Young Ecologists Talk and Interact; <http://meetyeti.in/>

PEER-REVIEWED PUBLICATIONS

1. Sridhar, H. & Guttal, V. (in press) Friendship across species borders: factors that facilitate and constrain heterospecific sociality. *Phil. Trans. Roy. Soc.*
2. Sridhar, H. & Shanker, K. 2014. Importance of intraspecifically gregarious species in a tropical bird community. *Oecologia* 176: 763-770
3. Sridhar, H. & Shanker, K. 2014. Using intraflock association patterns to understand why birds participate in mixed-species foraging flocks in terrestrial habitats. *Behavioural ecology and Sociobiology* 68: 185-196

4. Sridhar, H. Jordan, F. & Shanker, K. 2013. Species importance in a heterospecific foraging association network. *Oikos* 122: 1325-1334
5. Sridhar, H., Srinivasan, U., Askins, R. A., Canales Delgadillo, J. C., Chen, C-C., Ewert, D. N., Gale, G. A., Goodale, E., Gram, W. K., Hart, P. J., Hobson, K. A., Hutto, R. L., Kotagama, S. W., Knowlton, J., Lee, T. M., Munn, C. A., Nimnuan, S., Nizam, B. Z., Péron, G., Robin, V. V., Rodewald, A. D., Rodewald, P. G., Thomson, R. L., Trivedi, P., Van Wilgenburg, S. L. & Shanker, K. 2012. Positive relationships between association strength and phenotypic similarity characterize the assembly of mixed-species bird flocks globally. *The American Naturalist* 180: 777-790.
Featured in *Nature Research Highlights*, 20th December 2012, doi: 10.1038/492314a
6. Sridhar, H., Beauchamp, G. & Shanker, K. 2009. Why do birds participate in mixed-species foraging flocks? A large-scale synthesis. *Animal Behaviour* 78: 337-347.
7. Sridhar, H. 2009. Are arecanut plantations really suitable for biodiversity conservation? *Proceedings of the National Academy of Sciences USA* 106: E34 (Letter to editor)
8. Goodale, E., Nizam, B. Z., Robin, V. V., Sridhar, H., Trivedi, P., Kotagama, S. W., Padmalal, U. K. G. K., Perera, R., Pramod, P. & Vijayan, L. 2009. Regional variation in the composition and structure of mixed-species bird flocks in the Western Ghats and Sri Lanka. *Current Science* 97:648-663.
9. Sridhar, H., Raman, T. R. S. & Mudappa, D. 2008. Corrigendum: mammal persistence and abundance in tropical rainforest remnants in the southern Western Ghats, India. *Current Science* 97:612-613.
10. Sridhar, H. & Sankar, K. 2008. Effects of habitat degradation on mixed-species bird flocks in Indian rain forests. *Journal of Tropical Ecology* 24:134-147.
11. Sridhar, H., Raman, T. R. S. & Mudappa, D. 2008. Mammal persistence and abundance in tropical rainforest remnants in the southern Western Ghats, India. *Current Science* 94:748-757.
12. Sridhar, H. 2007. Participation by Black Baza *Aviceda leuphotes* in mixed-species bird flocks in rainforests in the Anamalai hills, Western Ghats, India. *Indian Birds* 3:26-28.

CONFERENCES WHERE RESEARCH WAS PRESENTED

1. European Society for Evolutionary Biology conference at Lausanne, Switzerland (2015)
2. Behaviour conference at Newcastle, UK (2013)
3. Society for Conservation Biology – Asia Chapter conference at Bangalore, India (2012)
4. Asian chapter of the Association for Tropical Biology (ATB) at Mahabalipuram, Chennai (2007)
5. 4th International Tree squirrel and 1st International Flying Squirrel Colloquium (2006)
6. Symposium on “Human-Elephant Relationships and Conflicts” in Colombo, Sri Lanka (2003)
7. Association for Tropical Biology conference in Bangalore, India (2001)

PUBLISHED INTERVIEWS

1. Sridhar, H. 2018. Standing Conventional Wisdom on its Head: an interview with Raghavendra Gadagkar. Dialogue, Volume 1. doi: 10.29195/DSSS.01.01.0004
2. Sridhar, H. 2018. *Revisiting Coley 1983*. Reflections on papers past blog. January 23, 2018
3. Sridhar, H. 2018. *Revisiting Bonner 1947*. Reflections on papers past blog. January 19, 2018
4. Sridhar, H. 2018. *Revisiting Davies 1978*. Reflections on papers past blog. January 15, 2018

5. Sridhar, H. 2018. *Revisiting Perrins 1965*. Reflections on papers past blog. January 14, 2018
6. Sridhar, H. 2018. *Revisiting Seehausen et al. 1997*. Reflections on papers past blog. January 10, 2018
7. Sridhar, H. 2018. *Revisiting Hrdy 1974*. Reflections on papers past blog. January 2, 2018
8. Sridhar, H. 2018. *Revisiting Le Boeuf 1974*. Reflections on papers past blog. January 1, 2018
9. Sridhar, H. 2016. *Revisiting Grant and Grant 2006*. Ecology Students' Society Blog, February 8, 2016
10. Sridhar, H. 2016. *Revisiting Krebs et al. 1977*. Ecology Students' Society Blog, December 16, 2016
11. Sridhar, H. 2016. *Revisiting Hector et al. 1999*. Ecology Students' Society Blog, December 11, 2016
12. Sridhar, H. 2016. *Revisiting Andersson 1982*. Ecology Students' Society Blog, November 28, 2016
13. Sridhar, H. 2016. *Revisiting Petrie et al. 1991*. Ecology Students' Society Blog, November 17, 2016
14. Sridhar, H. 2016. *Revisiting Dayton 1971*. Ecology Students' Society Blog, November 6, 2016
15. Sridhar, H. 2016. *Revisiting Reznick et al. 1990*. Ecology Students' Society Blog, November 3, 2016
16. Sridhar, H. 2016. *Revisiting Chesson 2000*. Ecology Students' Society Blog, October 25, 2016
17. Sridhar, H. 2016. *Revisiting Berthold et al. 2002*. Ecology Students' Society Blog, October 22, 2016
18. Sridhar, H. 2016. *Revisiting Estes et al. 1998*. Ecology Students' Society Blog, October 12, 2016
19. Sridhar, H. 2016. *Revisiting Ricklefs 1987*. Ecology Students' Society Blog, October 7, 2016
20. Sridhar, H. 2016. *Revisiting Kilner et al. 1999*. Ecology Students' Society Blog, October 4, 2016
21. Sridhar, H. 2016. *Revisiting Roemer et al. 2002*. Ecology Students' Society Blog, September 28, 2016
22. Sridhar, H. 2016. *Revisiting Ender 1980*. Ecology Students' Society Blog, September 25, 2016
23. Sridhar, H. 2016. *Revisiting Terborgh et al. 2001*. Ecology Students' Society Blog, September 20, 2016
24. Sridhar, H. 2016. *Revisiting Price et al. 1988*. Ecology Students' Society Blog, September 10, 2016
25. Sridhar, H. 2016. On being a 'PhD student parent': interview with Anand Osuri. IndiaBioscience, September 7, 2016
26. Sridhar, H. 2016. *Revisiting Hobson and Welch 1992*. Ecology Students' Society Blog, September 5, 2016
27. Sridhar, H. 2016. *Revisiting Morin 1983*. Ecology Students' Society Blog, August 7, 2016
28. Sridhar, H. 2016. *Revisiting Clayton and Dickinson 1998*. Ecology Students' Society Blog, August 31, 2016
29. Sridhar, H. 2016. *Revisiting Tscharnke and Kruess 1994*. Ecology Students' Society Blog, August 26, 2016
30. Sridhar, H. 2016. *Revisiting Simberloff and Von Holle 1999*. Ecology Students' Society Blog, August 19, 2016

31. Sridhar, H. 2016. *Revisiting Ryan et al. 1990*. Ecology Students' Society Blog, August 14, 2016
32. Sridhar, H. 2016. *Revisiting Morin 1983*. Ecology Students' Society Blog, August 7, 2016
33. Sridhar, H. 2016. *Revisiting Moller 1988*. Ecology Students' Society Blog, August 2, 2016
34. Sridhar, H. 2016. *Revisiting Novotny et al. 2002*. Ecology Students' Society Blog, July 26, 2016
35. Sridhar, H. 2016. *Revisiting Laurance et al. 1998*. Ecology Students' Society Blog, July 16, 2016
36. Sridhar, H. 2016. *Revisiting Fournier et al. 2005*. Ecology Students' Society Blog, July 14, 2016
37. Sridhar, H. 2016. *Revisiting Gotelli and Colwell 2001*. Ecology Students' Society Blog, July 10, 2016
38. Sridhar, H. 2016. *Revisiting Wilkinson 1984*. Ecology Students' Society Blog, July 1, 2016
39. Sridhar, H. 2016. *Revisiting Srinivasan et al. 2000*. Ecology Students' Society Blog, June 19, 2016
40. Sridhar, H. 2016. *Interview with Shahid Naeem*. Ecology Students' Society Blog, June 9, 2016
41. Sridhar, H. 2015. *Interview with Josh Donlan*. Current Conservation 10.1
42. Sridhar, H. 2015. *Interview with Sonia Kefi*. Current Conservation 9.4
43. Sridhar, H. 2015. *Interview with Jim Nichols*. Current Conservation 9.3
44. Sridhar, H. 2015. *Unconscious Bias in Academia*. Interview with Mahzarin Banaji. International Network of Next-Generation Ecologists (INNGE) blog.
45. Sridhar, H. 2015. *On serendipity in science*. Interview with Laurent Keller. International Network of Next-Generation Ecologists (INNGE) blog.
46. Sridhar, H. 2015. *Interview with Mandyam Srinivasan*. International Network of Next-Generation Ecologists (INNGE) blog.
47. Sridhar, H. 2015. *Interview with Tim Vines about Axios Review*. International Network of Next-Generation Ecologists (INNGE) blog.
48. Sridhar, H. 2015. *On the appropriate use of statistics in ecology*. Interview with Ben Bolker. Ecology Students' Society Blog (reblogged on INNGE)
49. Sridhar, H. 2015. *On research misconduct*. Interview with Vidyanand Nanjundiah. IndiaBioscience.
50. Sridhar, H. 2015. *On discovering a new plant species – Part 2*. Interview with Navendu Page. Ecology Students' Society Blog June 13, 2015
51. Sridhar, H. 2015. *On discovering a new plant species – Part 1*. Interview with Navendu Page. Ecology Students' Society Blog June 9, 2015
52. Sridhar, H. 2015. *An interview about the making of a paper*. Interview with Mousumi Ghosh. Ecology Students' Society Blog May 21, 2015
53. Sridhar, H. 2015. *On the ethics of choosing a research question: competing labs and open science*. Interview with Renee Borges. IndiaBioscience May 29, 2015
54. Sridhar, H. 2015. *On the ethics of choosing a research question: PhD-postdoc transition*. Interview with Renee Borges. IndiaBioscience April 28, 2015
55. Sridhar, H. 2014. *One fish, two fish, three fish: collective counting and democratic conservation in Kerala's backwaters*. Interview with Priyadarsanan Dharma Rajan and Ashish Mathew George. Current Conservation 8.3

OTHER PUBLICATIONS

1. Sridhar, H. 2015. *Pecking order in an island fauna* (Review of T.C. Boyle's *When the Killing's Done*). Current Conservation 10.1
2. Sridhar, H. 2015. *Recovery of Lakshadweep's coral reef fish*. Current Conservation 9.2

3. Sridhar, H. 2014. *Studying social foraging groups at Wiko*. *Wissenschaftskolleg zu Berlin yearbook 2013-2014*: 203-208
4. Sridhar, H. 2012. *Insect-eating birds need friends in the forest*. *Current Conservation* 6.4: 12-17
5. Sridhar, H. 2012 *Bird waves of the Western Ghats* - Bilingual (English and Kannada) educational poster on mixed-species flocks.
6. Sridhar, H. (published on Nature online 27th September 2012). Comment on Laurance, W. et al. 2012. Averting biodiversity collapse in tropical forest protected areas. *Nature* 489:290-294
7. Sridhar, H. 2010. *India's increasing forest cover: cause for celebration?* *Current Conservation* 4.2
8. Sridhar, H. 2010. *Culture and Conservation*. *Current Conservation* 4.1
9. Goodale, E., and Sridhar, H., eds. 2010. *Mixed-species bird flocks: a bibliography*; <https://sites.google.com/site/mixedspeciesbirdflocks/>.
10. Sridhar, H. 2008. *Eating with the enemy*. *Sanctuary Asia* 28(4): 46-51

AD-HOC MANUSCRIPT REVIEWER FOR:

- *Journals*: The American Naturalist, Animal Conservation, Current Science, Behavioral Ecology and Sociobiology, Behavioral Ecology, Biological Conservation, Ecography, Ecology Letters, Ethology, Forest Ecology and Management, Ibis, International Journal of Zoology, Journal of Field Ornithology, Journal of Ornithology, Koedoe, Ornis Fennica, Peerage of Science and Wilson Journal of Ornithology
- Reviewed fellowship applications to College for Life Sciences, Wissenschaftskolleg zu Berlin and Human Frontier Science Program
- Book proposal reviewer for Elsevier

TEACHING EXPERIENCE

- Guest lecturer at Nature Conservation Foundation, Bangalore (2017) – Designed and taught a module on Community Ecology
- Guest lecturer at National Centre for Biological Sciences, Bangalore (2017) – Designed and taught a module on Community Ecology
- Undergraduate guest Lecturer in Ecology at Indian Institute of Technology, Palakkad from January-April 2016, January-April 2017
- Guest lecturer at Azim Premji University, Bangalore (2015-) – Course titled “The Lives of Birds” taught to students of MA Education and MA Development.
- Guest lecturer at National Centre for Biological Sciences, Bangalore (2007-) – lectures in Ornithology and Community Ecology modules
- Teaching assistant in Community Ecology course for PhD students of Indian Institute of Science, Bangalore (2009-2012; 2014-2015).
- Teaching assistant in Ecology course for undergraduate students of Indian Institute of Science Bangalore (2011).
- Guest lecturer at Mount Carmel College, Bangalore (2011): lectures in ornithology to undergraduate students.
- Conducted workshop, along with Pankaj Sekhsaria, Madhuri Ramesh and John Mathew titled “What’s behind a scientific paper?” at SCCS-Bengaluru in 2015 and 2016.
- Conducted workshop, along with Kartik Shanker and Maria Thaker, on Grant writing at the Young Ecologists Talk & Interact (YETI) meet in Dehradun, India (December 2012).

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- Conducted workshop on “How to Write Grant Proposals” at Turtle Action Group (TAG) meeting in Mahabalipuram, Chennai (November 2011).

MENTORING EXPERIENCE

- Member of thesis committee of Priti Bangal, PhD student at Centre for Ecological Sciences, Indian Institute of Science. May 2016 – Present
- MSc dissertation supervisor for Tarun Menon, MSc Wildlife Biology and Conservation student at National Centre for Biological Sciences. November 2017 – June 2018
- MSc dissertation supervisor for Chayant Gonsalves, MSc Wildlife Biology and Conservation student at National Centre for Biological Sciences. November 2017 – June 2018

AWARDS, GRANTS AND OTHER RECOGNITIONS

- Indian National Science Academy Young Scientist Award (2015)
- Shamrao Kaikini medal for Best PhD Dissertation, Indian Institute of Science (2013-2014)
- College for Life Sciences fellowship, *Wissenschaftskolleg zu Berlin* (September 2013-March 2014)
- Research grant from International Foundation for Science, Sweden (2009-2012).
- Ministry of Environment and Forests (MoEF) fellowship, Wildlife Institute of India, Dehradun (2003-2005)
- Indian Institute of Science (IISc) Young Science Fellowship (1999 – 2002)
- Invited to visit Microsoft Research – University of Trento Centre for Computational and Systems Biology (COSBI) during the period 25th February – 10th March 2012.
- Society for Study of Evolution (SSE) travel grant to attend the European Society for Evolutionary Biology meeting (ESEB) in Lausanne, Switzerland in August 2015
- First rank overall in M.Sc. Wildlife Science, Wildlife Institute of India, Dehradun (2005).
- First rank overall in B.Sc. Zoology, Loyola College, Chennai (2002).
- Biology group topper in CBSE 12TH examination in Bhavan’s Rajaji Vidyashram, Chennai (1999).
- Second prize for oral presentation at Society for Conservation Biology-Asia chapter conference, Bangalore, 2012.
- Best presentation award at 1st conference of the Asian chapter of the Association for Tropical Biology (ATB) at Mahabalipuram, Chennai, 2007.

INVITED TALKS

1. Invited to speak in a workshop titled *Finding Common Ground - Landscape Planning and the Conservation Sciences* conducted during the Student Conference on Conservation Science, Bangalore in September 2017
2. Invited to speak in a workshop titled *What lies behind a scientific paper?* conducted during the Student Conference on Conservation Science, Bangalore in September 2015 and September 2016
3. *Studying human social foraging groups in Berlin*. Centre for Contemporary Studies, Bangalore (March, 2015).
4. *Ecology: past is the present*. “Leaps and Bounds in Biology” symposium, Indian Institute of Science, Bangalore (September, 2012)
5. *Using null models and networks to understand the assembly of mixed-species bird flocks*. Centre for Computational and Systems Biology (COSBI), Trento (March, 2012)

AREAS OF COMPETENCE

Short Curriculum Vitae: updated on 14th March, 2018

1. Research: Ecology, especially Community Ecology and Animal Behaviour
2. Teaching: Ecology, Evolution and Behaviour

AREAS OF INTEREST

Ecology, Evolution, and Animal Behaviour (with particular focus on Animal Sociality; History of Science; Science Studies; History and Future of Scientific papers)