

CURRICULUM VITAE
Christopher Bisset Sturdy

Personal Information

Current Address and Contact Information

Department of Psychology
University of Alberta
P-217 Biological Sciences Building
Edmonton, AB CANADA T6G 2E9
E-mail: csturdy@ualberta.ca or Christopher.B.Sturdy@gmail.com
Tel: (780) 492-7843
Fax: (780) 492-1768

Biographical Details

- Born, London, Ontario, Canada, 1971; Canadian Citizen; Married to Lisa Sturdy; we have two daughters, Mackenzie and Meghan

Current Positions

- **Professor**, Department of Psychology, University of Alberta, 1 July 2013-present
- **Member**, Neuroscience and Mental Health Institute, Department of Psychology, University of Alberta, October 2002-present

Research Interests

I am interested in the neuroethology of songbird acoustic communication. I use several empirical approaches, from bioacoustic analyses of vocalizations and operant discrimination paradigms, to electrophysiological and neuroanatomical techniques as well as artificial neural network approaches, with the long-term goal of understanding the behavioural, cognitive and neural substrates underlying songbird vocal production and perception, auditory perception and cognition.

Previous Positions

- **Chair**, Department of Psychology, University of Alberta, July 2016-June 2019
- **Acting Associate Dean (International and Graduate Affairs)**, Faculty of Science, University of Alberta, July 2015-June 2016
- **Associate Chair (Graduate Studies)**, Department of Psychology, University of Alberta, 1 July 2014-30 June 2015
- **Associate Chair (Research)**, Department of Psychology, University of Alberta, 1 July 2012-30 June 2014
- **Associate Professor**, Department of Psychology, University of Alberta, 1 July 2008-30 June 2013
- **Assistant Professor**, Department of Psychology, University of Alberta, January 2002-30 June 2008
- **NSERC Postdoctoral Fellow**, Departments of Biology and Neurobiology, Duke University, Drs. S. Nowicki and R. Mooney (advisors), January 2000-December 2001
- **Graduate Student**, Department of Psychology, Queen's University, Dr. R.G. Weisman (advisor), September 1994-December 1999
- **Visiting Scientist**, Johns Hopkins University, Department of Psychology, Dr. G.F. Ball (advisor), March 1996-April 1996
- **Undergraduate Research Assistant and Honours Student**, Department of Psychology, University of Windsor, January 1993-August 1994, Dr. J.S. Cohen (advisor)
- **Child Relief Worker**, Maryvale Child and Family Services/Good Shepherd Center, Windsor, Ontario, GERALYN Leblanc and Terry Bouchard (supervisors), December 1993-August 1994

Education

- **Ph.D.** (2000) Queen's University, Psychology (Brain, Behaviour and Cognitive Science-Behavioural Neuroscience)
- **M.A.** (1997) Queen's University, Psychology (Basic and Applied)
- **B.A.** (1994) University of Windsor, Psychology (Honours with Thesis)

Professional Activities, Highlights (for details, see Service Dossier)

- **Standard First Aid (Level C), CPR, AED** (15 January 2019-15 January 2022)
- **Faculty Instructor**, *Acoustical Society of America ASA School 2016*, 22-23 May 2016

- **Gold College Comprehensive Leadership Program**, *University of Alberta (Office of the Provost, VP Academic, Human Resource Services)*, July 2015-June 2016
- **Editorial Board Member**, *Behavioural Processes*, June 2012-present
- **Comparative Cognition Society Executive Committee**, *Elected Member at Large*, August 2010-July 2012
- **Co-Editor**, *Comparative Cognition and Behavior Reviews*, July 2010-June 2016
- **Associate Editor**, *Frontiers of Comparative Psychology*, July 2010-present
- **Editorial Board Member**, *Comparative Cognition and Behavior Reviews*, December 2004-July 2010
- **Production Editor**, *Comparative Cognition and Behavior Reviews*, December 2004-July 2010
- **Guest Editor**, *Special issue of Behavioural Processes*, “Thinking outside the box: in honour of the contributions of Ronald Weisman”, in honour of the contributions of Ronald Weisman, October 2006-March 2008
- **Peer review of journal articles for:** *Acoustics Research Letters Online, Animal Behaviour, Animal Cognition, Behaviour, Behavioral Ecology and Sociobiology, Behavioural Brain Research, Behavioural Processes, Biology Letters, Comptes rendus Biologies, Ethology, European Journal of Neuroscience, Experimental Psychology, Journal of Animal Ecology, Journal of Experimental Psychology: Animal Behavior Processes, Journal of Comparative Psychology, Journal of Experimental Biology, Journal of the Acoustical Society of America, National Geographic Society, Nature, Naturwissenschaften, Neurobiology of Learning & Memory, PLoS ONE, Psychonomic Bulletin & Review, Proceedings of the Royal Society B: Biological Sciences, Science, Scientific Reports, The Condor*
- **Peer review of book chapters/proposals for:** *Cambridge University Press, Oxford University Press*
- **Peer review of grant/fellowship/award applications for:** *Canadian Institutes of Health Research (CIHR), National Science Foundation (NSF), Natural Sciences and Engineering Research Council of Canada (NSERC), Netherlands Organisation for Scientific Research (NWO)*

Grant Support/Funding

- **Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grant (DG)**, *Songbird BioCognition: An integrative approach to understanding songbird communication*, University of Alberta, \$205,000 (\$41,000/year); 2016-2021
- **Faculty of Arts, Faculty of Science Research Stipend (Chair, Department of Psychology)**, University of Alberta, \$123,000; 2016-2019
- **Faculty of Science Research Stipend (Associate Dean, Graduate and International)**, University of Alberta, \$15,000; 2015-2016
- **Faculty of Science Graduate Mentoring Award**, University of Alberta, \$2,000; 2013
- **Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Accelerator Supplement (DAS)**, *Songbird BioCognition: An integrative approach to understanding songbird communication*, University of Alberta, \$120,000 (\$40,000/year); 2011-2014
- **Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grant (DG)**, *Songbird BioCognition: An integrative approach to understanding songbird communication*, University of Alberta, \$280,000 (\$56,000/year); 2011-2016
- **Canada Foundation for Innovation (CFI) Infrastructure Operating Fund (IOF)** for *Cellular and Systems Neurobiology and Behaviour Laboratory*, University of Alberta, \$76,800; 2007-2012
- **Distinguished Visitors Fund**, Office of the Vice-President (Research), University of Alberta (\$9,610), 2006-2007
- **Natural Sciences and Engineering Research Council of Canada (NSERC) Discovery Grant (DG)**, *Neuroethology of songbird acoustic communication*, University of Alberta, \$166,550 (\$33,310/year); 2006-2011
- **Natural Sciences and Engineering Research Council of Canada (NSERC) Operating Grant**, *Neuroethology of Parid acoustic communication*, University of Alberta, \$116,000 (\$29,000/year); 2002-2006
- **Natural Sciences and Engineering Research Council of Canada (NSERC) Equipment Grant**, *Intracellular electrophysiology equipment for songbirds*, University of Alberta, \$63,410; 2002-2003
- **Canada Foundation for Innovation (CFI) New Opportunities Fund (NOF)**, *Cellular and Systems Neurobiology and Behaviour Laboratory*, University of Alberta, \$256,000; 2003-2009
- **Canada Foundation for Innovation (CFI) Partner Funding** for *Cellular and Systems Neurobiology and Behaviour Laboratory*, University of Alberta, \$151,000; 2003-2009
- **Alberta Ingenuity Fund New Faculty Grant**, *Neuroethology of Songbird Acoustic Communication: From the Beak to the Brain and Back*, University of Alberta, \$110,000 (\$55,000/year); 2003-2005
- **University of Alberta Start-up Funding**, University of Alberta, \$100,000; 2002-2004

Awards, Academic Honours, and Fellowships

- **Nominated for Tier I Canada Research Chair in Animal Cognition, Communication, and Neuroethology**, Department of Psychology, University of Alberta, 5 July 2019
- **Section on Women & Psychology (SWAP) Feminist Mentoring Award (nominated)**, Department of Psychology, University of Alberta, 2018
- **Faculty of Science Graduate Mentoring Award**, Department of Psychology, University of Alberta, 2013
- **Natural Sciences and Engineering Research Council of Canada (NSERC) Postdoctoral Fellowship (PDF)**, Duke University, 2000-2001
- **Ontario Graduate Scholarship (declined)**, Department of Psychology, Queen's University, 1999-2000
- **Queen's Graduate Award**, Department of Psychology, Queen's University, 1999
- **D.O. Hebb Student Award for Best Student Presentation** (at the annual meeting of the Canadian Society for Brain, Behaviour, and Cognitive Science), Department of Psychology, Queen's University, 1998
- **Queen's Dean's Travel Grant**, Department of Psychology, Queen's University, 1998-1999
- **Queen's Graduate Award**, Department of Psychology, Queen's University, 1998-1999
- **Ontario Graduate Scholarship**, Department of Psychology, Queen's University, 1998-1999
- **Natural Sciences and Engineering Research Council of Canada (NSERC) Postgraduate Scholarship (PGS B)**, Department of Psychology, Queen's University, 1996-1998
- **Ontario Graduate Scholarship (declined)**, Department of Psychology, Queen's University 1996-1997
- **Queen's Graduate Award**, Department of Psychology, Queen's University, 1996-1997
- **Queen's Graduate Award**, Department of Psychology, Queen's University, 1995-1996
- **Queen's Graduate Award**, Queen's University, 1994-1995
- **Queen's Dean's Award**, Department of Psychology, Queen's University, 1994-1995

Theses

- Ph.D. thesis: Implications of Vocal Categories and Reduced Social Interaction on Songbird Auditory Perception, Dr. R.G. Weisman (advisor), Department of Psychology, Queen's University, defended December 1999
- M.A. thesis: The harmonic structure and organization of Zebra Finch song (*Taeniopygia guttata*): A Bioacoustic Analysis, Dr. R.G. Weisman (advisor), Department of Psychology, Queen's University, defended October 1996
- B.A. thesis: Reduction of proactive interference in the radial maze through manipulation of extra-maze stimuli, Dr. J.S. Cohen (advisor), Department of Psychology, University of Windsor, completed April 1994

Professional Affiliations

- Animal Behavior Society (member)
- Canadian Association for Neuroscience (member)
- Canadian Society for Brain, Behaviour, and Cognitive Science (member)
- Comparative Cognition Society (member)
- International Society for Neuroethology (member)
- Psychonomic Society (member)
- Society for Neuroscience (member)

PUBLICATIONS (underlined names are trainees)

Refereed Journal Publications (99)

2019

1. Montenegro, C., Service, W.D., Scully, E.N., Mischler, S.K., Campbell, K.A., & Sturdy, C.B. (accepted pending suitable revisions 2 November 2019). Black-capped chickadees (*Poecile atricapillus*) can identify individual females by their fee-bee songs. Manuscript resubmitted for possible publication in The Auk.
2. Scully, E.N., Campbell, K.A., Congdon, J.V., & Sturdy, C.B. (In press 6 December 2019). Discrimination of black-capped chickadee (*Poecile atricapillus*) chick-a-dee calls produced across seasons. Manuscript to appear in Animal Behaviour and Cognition.
3. Scully, E.N., Montoya Sanchez, J., & Sturdy, C.B. (Available online 28 November 2019). Abcam Monoclonal Egr-1 ab133695 is an effective primary antibody replacement for Santa Cruz sc-189 polyclonal Egr-1 in songbirds. Heliyon, e02938. DOI: <https://doi.org/10.1016/j.heliyon.2019.e02938>

4. Congdon, J.V., Hahn, A. H.*, Filippi, P.*, Campbell, K.A.*, Hoang, J., Scully, E.N., Bowling, D. L., Reber, S. A., & **Sturdy, C. B.** (2019). Hear them roar: A comparison of black-capped chickadee (*Poecile atricapillus*) and human (*Homo sapiens*) perception of arousal in vocalizations across all classes of terrestrial vertebrates. Manuscript to appear in Journal of Comparative Psychology, *133*(4), 520–541. <http://dx.doi.org/10.1037/com0000187>
5. **Sturdy, C.B.** & Congdon, J.V. (2019). Sometimes a stick is just a stick. Learning & Behavior, *47*(2), 115-116. DOI: [10.3758/s13420-019-00378-5](https://doi.org/10.3758/s13420-019-00378-5)

2018

6. Campbell, K. A., Proppe, D. S., Congdon, J. V., Scully, E. N., Mischler, S. K., & Sturdy, C. B. (Accepted 22 October 2018). The effects of anthropogenic noise on feeding behaviour in black-capped chickadees (*Poecile atricapillus*). Behavioural Processes, *158*, 53-58. DOI: <https://doi.org/10.1016/j.beproc.2018.10.015>
7. Scully, E.N., Schuldhuis, B.C., Congdon, J.V., Hahn, A.H., Campbell, K.A., Wilson, D.R., & Sturdy, C.B. (2018). ZENK expression in the auditory pathway of black-capped chickadees (*Poecile atricapillus*) as a function of D note number and duty cycle of *chick-a-dee* calls. Behavioural Brain Research, *356*, 490-494. DOI: <https://doi.org/10.1016/j.bbr.2018.06.006>

2017

8. **Sturdy, C.B.**, & Nicoladis, E.N. (2017). [How much of language acquisition does operant conditioning explain?](https://doi.org/10.3389/fpsyg.2017.01918) Frontiers in Psychology. DOI: [10.3389/fpsyg.2017.01918](https://doi.org/10.3389/fpsyg.2017.01918)
9. Apol, C.A., **Sturdy, C.B.**, & Proppe, D.S. (2017). [Lack of seasonal variation in habitat may have facilitated the loss of a song in the boreal chickadee.](https://doi.org/10.1007/s10682-017-9921-4) Evolutionary Ecology, *32*, 57-74. DOI: [10.1007/s10682-017-9921-4](https://doi.org/10.1007/s10682-017-9921-4)
10. Filippi, P., Congdon, J.V., Hoang, J., Bowling, D., Reber, S., Pasukonis, A., Hoeschele, M., Ocklenburg, S., de Boer, B., **Sturdy, C.B.**, Newen, A. & Güntürkün, O. (2017). Humans recognize emotional arousal in vocalizations across all classes of terrestrial vertebrates: Evidence for acoustic universals. Proceedings of the Royal Society: Series B, *284*(1859), 20170990. DOI: <https://doi.org/10.1098/rspb.2017.0990>
11. Scully, E.N., Hahn, A.H., Campbell, K.A., McMillan, N., Congdon, J.V., & **Sturdy, C.B.** (2017). [ZENK expression following conspecific and heterospecific playback in the zebra finch auditory forebrain.](https://doi.org/10.1016/j.bbr.2017.05.023) Behavioral Brain Research, *331*, 151–158. DOI: <https://doi.org/10.1016/j.bbr.2017.05.023>
12. Mercado, E. III, Wisniewski, M.G., McIntosh, B., Guillette, L.M., Hahn, A.H., & **Sturdy, C.B.** (2017). Chickadee songs provide hidden clues to singers' locations. Animal Behavior and Cognition, *4*(3), 301-313. DOI: <https://doi.org/10.26451/abc.04.03.08.2017>
13. McMillan, N., Hahn, A.H., Congdon, J.V., Campbell, K.A., Hoang, J., Scully, E.N., Spetch, M.L., & **Sturdy, C.B.** (2017). Chickadees discriminate contingency reversals presented consistently, but not frequently. Animal Cognition, *20*, 655-663. DOI: [10.1007/s10071-017-1088-4](https://doi.org/10.1007/s10071-017-1088-4)
14. Hahn, A.H., Campbell, K.A., Congdon, J.V., Hoang, J., McMillan, N., Scully, E.N., Yong, J.J.H., Elie, J.E., & **Sturdy, C.B.** (2017). Discrimination of acoustically similar conspecific and heterospecific vocalizations by black-capped chickadees (*Poecile atricapillus*). Animal Cognition, *20*, 639-654. DOI: [10.1007/s10071-017-1087-5](https://doi.org/10.1007/s10071-017-1087-5)
15. McMillan, N., Spetch, M.L., **Sturdy, C.B.**, & Roberts, W.A. (2017). It's all a matter of time: Interval timing and competition for stimulus control. Comparative Cognition & Behavior Reviews, *12*, 83-103 DOI: [10.3819/CCBR.2017.120007](https://doi.org/10.3819/CCBR.2017.120007)
16. **Sturdy, C.B.**, Campbell, K.A., Congdon, J.V., Hahn, A.H., McMillan, N., & Scully, E.N. (2017). Moving from perceptual to functional categories in songbirds. International Journal of Comparative Psychology, *30*, 1-14. DOI: <http://escholarship.org/uc/item/7tt6p5qt>

17. Hahn, A.H., Guillette, L.M., Hoeschele, M., Otter, K.A., Ratcliffe, L.M., & Sturdy, C.B. (2017). Discrimination of male black-capped chickadee songs: Relationship between acoustic preference and performance accuracy. Animal Behaviour, 126, 107-121. DOI: <http://dx.doi.org/10.1016/j.anbehav.2017.02.001>
18. Proppe, D.S., McMillan, N., Congdon, J.V., & Sturdy, C.B. (2017). Mitigating road impacts on animals through learning principles. Animal Cognition, 20, 19–31. DOI: 10.1007/s10071-016-0989-y
19. Guillette, L.M., Baron, D.M., Sturdy, C.B., & Spetch, M.L. (2017). Individual differences in generalization gradients and exploratory behaviour in pigeons. Behavioural Processes, 134, 54–62. DOI: <http://dx.doi.org/10.1016/j.beproc.2016.07.006>

2016

20. Congdon, J.V., Hahn, A.H., McMillan, N., Avey, M.T., & Sturdy, C.B. (2016). Chickadee behavioural response to varying threat levels of predator and conspecific calls. International Journal of Comparative Psychology. DOI: <http://escholarship.org/uc/item/4rd8324f>
21. Campbell, K.A., Hahn, A.H., Congdon, J.V., & Sturdy, C.B. (2016). Sex differences in black-capped chickadee (*Poecile atricapillus*) chick-a-dee calls. Journal of the Acoustical Society of America, 140, 1598–1608. DOI: <http://dx.doi.org/10.1121/1.4962281>
22. McMillan, N., Sturdy, C.B., Pisklak, J. M., & Spetch, M. L. (2016). Pigeons perform poorly on midsession reversal tasks without rigid temporal regularity. Animal Cognition, 19, 855–859. DOI: [10.1007/s10071-016-0962-9](http://dx.doi.org/10.1007/s10071-016-0962-9)
23. Hahn, A.H., Hoeschele, M., Guillette, L.M., Hoang, J., McMillan, N., Congdon, J.V., Campbell, K.A., Mennill, D.J., Otter, K.A., Grava, T., Ratcliffe, L.M., & Sturdy, C.B. (2016). Black-capped chickadees categorize songs based on features that vary geographically. Animal Behaviour, 112, 94-104. DOI: [10.1016/j.anbehav.2015.11.017](http://dx.doi.org/10.1016/j.anbehav.2015.11.017)

2015

24. McMillan, N., & Sturdy, C.B. (2015). Commentary: "A crisis in comparative psychology: Where have all the undergraduates gone?" Frontiers in Psychology. DOI: <http://dx.doi.org/10.3389/fpsyg.2015.01589>
25. Hahn, A.H., Guillette, L.M., Lee, D., McMillan, N., Hoang, J., & Sturdy, C.B. (2015). Experience affects immediate early gene expression in response to conspecific call notes in black-capped chickadees (*Poecile atricapillus*). Behavioural Brain Research, 287, 49–58. DOI: [10.1016/j.bbr.2015.03.021](http://dx.doi.org/10.1016/j.bbr.2015.03.021)
26. Hahn, A.H., Hoang, J., McMillan, N., Campbell, K., Congdon, J., & Sturdy, C.B. (2015). Biological salience influences performance and acoustic mechanisms for the discrimination of male and female songs. Animal Behaviour, 104, 213-228. DOI: [10.1016/j.anbehav.2015.03.023](http://dx.doi.org/10.1016/j.anbehav.2015.03.023)
27. McMillan, N., Hahn, A.H., Spetch M.L., & Sturdy, C.B. Avian cognition. (2015). Wiley Interdisciplinary Reviews: Cognitive Science, 6(3), 285–297. DOI: [10.1002/wcs.1346](http://dx.doi.org/10.1002/wcs.1346)
28. McMillan, N., Sturdy, C.B. & Spetch M.L. (2015). When is a choice not a choice? Pigeons fail to inhibit incorrect responses on a go/no-go midsession reversal task. Journal of Experimental Psychology: Animal Learning and Cognition, 41, 255-265. DOI: <http://dx.doi.org/10.1037/xan0000058>

2014

29. Zhai, Y., Dasog, M., Snitynsky, R.B., Purkait, T.K., Hahn, A.H., Sturdy, C.B., Lowary, T.L., & Veinot, J.G.C. (2014). Water-soluble photoluminescent D-mannose and L-alanine functionalized silicon nanocrystals and their application to cancer cell imaging. Journal of Materials Chemistry B, 2, 8427-8433. DOI: [10.1039/C4TB01161A](http://dx.doi.org/10.1039/C4TB01161A)
30. Guillette, L.M., Hahn, A.H., Hoeschele, M., Przynslupski, A.-M., & Sturdy, C.B. (2014). Individual differences in learning speed, performance accuracy and exploratory behaviour in black-capped chickadees. Animal Cognition, 18(1), 165-178. DOI: [10.1007/s10071-014-0787-3](http://dx.doi.org/10.1007/s10071-014-0787-3)

31. Avey, M.T., Bloomfield, L.L., Elie, J.E., Freeberg, T.M., Guillette, L.M., Hoeschele, M., Lee, H., Moscicki, M.K., Owens, J.L., Sturdy, C.B. (2014). ZENK activation in the nidopallium of black-capped chickadees in response to both conspecific and heterospecific calls. PLoS ONE, 9(6): e100927. DOI: [10.1371/journal.pone.0100927](https://doi.org/10.1371/journal.pone.0100927)
32. Hoeschele, M., Cook, R.G., Guillette, L.M., Hahn, A.H., & Sturdy, C.B. (2014). Timbre influences chord discrimination in black-capped chickadees but not humans. To appear in Journal of Comparative Psychology, 128(4), 387-401. DOI: <http://dx.doi.org/10.1037/a0037159>
33. Weisman, R.G., Hoeschele, M., & Sturdy, C.B. (2014). A comparative analysis of auditory perception in humans and songbirds: a modular approach. Behavioural Processes, 104, 35-43. DOI: [10.1016/j.beproc.2014.02.006](https://doi.org/10.1016/j.beproc.2014.02.006)

2013

34. Proppe, D.S., Byers, K.A., Sturdy, C.B., St. Clair, C.C. (2013). Physical condition of black-capped chickadees (*Poecile atricapillus*) in relation to road disturbance. Canadian Journal of Zoology, 91(11), 842-845. DOI: [10.1139/cjz-2013-0081](https://doi.org/10.1139/cjz-2013-0081)
35. Grava, T., Fairhurst, G.D., Avey, M.T., Grava, A., Bradley, J., Avis, J.L., Bortolotti, G.R., Sturdy, C.B., & Otter, K.A. (2013). Habitat quality affects early physiology and subsequent neuromotor development of juvenile black-capped chickadees. PLoS ONE. DOI: [10.1371/journal.pone.0071852](https://doi.org/10.1371/journal.pone.0071852)
36. Hahn, A.H., Guillette, L.M., Hoeschele, M., Mennill, D.J., Otter, K.A., Grava, T., Ratcliffe, L.M., & Sturdy, C.B. (2013). Dominance and geographic information contained within black-capped chickadee (*Poecile atricapillus*) song. Behaviour, 150, 1601-1622. (cover photo) DOI: [10.1163/1568539X-00003111](https://doi.org/10.1163/1568539X-00003111)
37. Hahn, A.H., Kryslar, A., & Sturdy, C.B. (2013). Female song in black-capped chickadees (*Poecile atricapillus*): Acoustic song features that contain individual identity information and sex differences. Behavioural Processes, 98, 98-105. DOI: [10.1016/j.beproc.2013.05.006](https://doi.org/10.1016/j.beproc.2013.05.006)
38. Hoeschele, M., Weisman, R.G., Guillette, L.M., Hahn, A.H., & Sturdy, C.B. (2013). Chickadees fail standardized operant tests for octave equivalence. Animal Cognition, 16(4), 599-609. DOI: [10.1007/s10071-013-0597-z](https://doi.org/10.1007/s10071-013-0597-z)
39. Proppe, D.S., Sturdy, C.B., & St. Clair, C.C. Anthropogenic noise decreases urban songbird diversity and may contribute to homogenization. (2013). Global Change Biology, 19(4), 1075–1084. DOI: [10.1111/gcb.12098](https://doi.org/10.1111/gcb.12098)

2012

40. Guillette, L.M., Hoeschele, M., Hahn, A.H., & Sturdy, C.B. (2012). Heterospecific discrimination of *Poecile* vocalizations by zebra finches (*Taeniopygia guttata*). Journal of Comparative Psychology. DOI: [10.1037/a0029992](https://doi.org/10.1037/a0029992)
41. Hoeschele, M., Cook, R.G., Guillette, L.M., Hahn, A.H., & Sturdy, C.B. (2012). Auditory same/different concept learning and generalization in black-capped chickadees (*Poecile atricapillus*). PLoS ONE. DOI: [10.1371/journal.pone.0047691](https://doi.org/10.1371/journal.pone.0047691)
42. Hoeschele, M., Guillette, L.M., Sturdy, C.B. (2012). Biological relevance of acoustic signal affects discrimination performance in a songbird. Animal Cognition, 15(4), 677-688. DOI: [10.1007/s10071-012-0496-8](https://doi.org/10.1007/s10071-012-0496-8)
43. Hoeschele, M., Weisman, R.G., & Sturdy, C.B. (2012). Pitch chroma discrimination, generalization, and transfer tests of octave equivalence in humans. Attention, Perception, and Psychophysics, 74(8), 1742-1760. DOI: [10.3758/s13414-012-0364-2](https://doi.org/10.3758/s13414-012-0364-2)
44. Proppe, D.S., Avey, M.T., Hoeschele, M., Moscicki, M., Farrell, T., St. Clair, C.C., & Sturdy, C.B. (2012). Black-capped chickadees sing at higher pitches with elevated anthropogenic noise, but not with decreasing canopy cover. Journal of Avian Biology, 43(4), 325–332. DOI: [10.1111/j.1600-048X.2012.05640.x](https://doi.org/10.1111/j.1600-048X.2012.05640.x)
45. Weisman, R.G., Balkwill, L.-L., Hoeschele, M., Moscicki, M.K., & Sturdy, C.B. (2012). Identifying absolute pitch possessors without using a note naming task. Psychomusicology: Music, Mind, and Brain, 22(1), 46-54.

2011

46. Avey, M.T., Hoeschele, M., Moscicki, M.K., Bloomfield, L.L., & Sturdy, C.B. (2011). Neural correlates of threat perception: Neural equivalence of conspecific and heterospecific mobbing calls is learned. PLoS ONE, 6(8): e23844. DOI: [10.1371/journal.pone.0023844](http://dx.doi.org/10.1371/journal.pone.0023844)
47. Avey, M.T., Rodriguez, A., & Sturdy C.B. (2011). Seasonal variation of vocal behaviour in a temperate songbird: Assessing the effects of laboratory housing on wild-caught, seasonally-breeding birds. Behavioural Processes, 88, 177-183. DOI: <http://dx.doi.org/10.1016/j.beproc.2011.09.005>
48. Guillette, L.M., Bloomfield, L.L., Batty, E.R., Dawson, M.R.W., & Sturdy, C.B. (2011). Development of a contact call in black-capped chickadees (*Poecile atricapillus*) hand-reared in different acoustic environments. Journal of the Acoustical Society of America, 130 (4), 2249-2256. DOI: <http://dx.doi.org/10.1121/1.3628343>
49. Guillette, L.M., Reddon, A.R., Hoeschele, M., & Sturdy, C.B. (2011). Sometimes slower is better: Slow-exploring birds are more sensitive to changes in a vocal discrimination task. Proceedings of the Royal Society B: Biological Sciences, 278, 767-773. DOI: [10.1098/rspb.2010.1669](http://dx.doi.org/10.1098/rspb.2010.1669)
50. Guillette, L.M., & Sturdy, C.B. (2011). Individual differences and repeatability in vocal production: Stress-induced calling exposes a songbird's personality. Naturwissenschaften, 98,977–981. DOI: [10.1007/s00114-011-0842-8](http://dx.doi.org/10.1007/s00114-011-0842-8)
51. Hoeschele, M., Cook, R.G., Guillette, L.M., Brooks, D.I., & Sturdy, C.B. (2011). Black-capped chickadee (*Poecile atricapillus*) and human (*Homo sapiens*) chord discrimination. Journal of Comparative Psychology. Advance online publication. DOI: [10.1037/a0024627](http://dx.doi.org/10.1037/a0024627)
52. Moscicki, M.K., Hoeschele, M., Bloomfield, L.L., Modanu, M., Charrier, I., & Sturdy, C.B. (2011). Note types and coding in Parid vocalizations: the chick-a-dee call of the boreal chickadee (*Poecile hudsonicus*). Journal of the Acoustical Society of America, 129(5), 3327-3340. DOI: <http://dx.doi.org/10.1121/1.3560925>
53. Proppe, D.S., Sturdy, C.B., St. Clair, C.C. (2011). Flexibility in animal signals facilitates adaptation to rapidly changing environments. PLoS ONE 6(9): e25413. DOI: [10.1371/journal.pone.0025413](http://dx.doi.org/10.1371/journal.pone.0025413)
54. Wisniewski, M.G., Guillette, L.M., Radell, M., Sturdy, C.B., & Mercado, E. (2011). Predicting shifts in generalization gradients with perceptrons. Learning & Behavior, 40(2), 128-144. DOI: [10.3758/s13420-011-0050-6](http://dx.doi.org/10.3758/s13420-011-0050-6)

2010

55. Guillette, L.M., Bailey, A.A., Reddon, A.R., Hurd, P.L., & Sturdy, C.B. (2010). Capture order is repeatable in chickadees. International Journal of Comparative Psychology, 23, 216-224.
56. Guillette, L.M., Bloomfield, L.L., Batty, E.R., Dawson, M.R.W., & Sturdy, C.B. (2010). Black-capped (*Poecile atricapillus*) and mountain chickadee (*Poecile gambeli*) contact call contains species, sex, and individual identity features. Journal of the Acoustical Society of America, 127(2), 1116-1123. DOI: <http://dx.doi.org/10.1121/1.3277247>
57. Guillette, L.M., Farrell, T.M., Hoeschele, M., Nickerson, C.M., Dawson, M.R.W., & Sturdy, C.B. (2010). Mechanisms of call note type perception: Peak shift in a note type continuum. Journal of Comparative Psychology, 124(1), 109-115. DOI: [10.1037/a0017741](http://dx.doi.org/10.1037/a0017741)
58. Guillette, L.M., Farrell, T.M., Hoeschele, M., & Sturdy, C.B. (2010). Acoustic mechanisms of a species-based discrimination of the chick-a-dee call in sympatric black-capped (*Poecile atricapillus*) and mountain chickadees (*P. gambeli*). Frontiers in Comparative Psychology1:229. DOI: [10.3389/fpsyg.2010.00229](http://dx.doi.org/10.3389/fpsyg.2010.00229)
59. Hoeschele, M., Moscicki, M.K., Otter, K.A., van Oort, H., Fort, K., Farrell, T.M., Lee, H., Robson, S.W.J., & Sturdy, C.B. (2010). Dominance signaled in an acoustic ornament. Animal Behaviour, 79, 657–664. DOI: <http://dx.doi.org/10.1016/j.anbehav.2009.12.015>

60. Moscicki, M.K., Hoeschele, M., & Sturdy, C.B. (2010). Note types and coding in Parid vocalizations: The chick-a-dee call of the Mexican chickadee (*Poecile sclateri*). Acta Ornithologica, 45(2), 147-160. DOI: [10.3161/000164510X551282](https://doi.org/10.3161/000164510X551282)
61. Proppe, D.S., Bloomfield, L.L., & Sturdy, C.B. (2010). Acoustic transmission of the chick-a-dee call of the black capped chickadee (*Poecile atricapillus*): forest structure and note function. Canadian Journal of Zoology, 88, 788-794. DOI: [10.1139/Z10-047](https://doi.org/10.1139/Z10-047)
62. Weisman, R.G., Balkwill, L.-L., Hoeschele, M., Moscicki, M.K., Bloomfield, L.L., & Sturdy, C.B. (2010). Absolute pitch in boreal chickadees and humans: Exceptions that test a phylogenetic rule. Learning and Motivation, 41, 156–173. *Included in a Special Issue to honor Stewart H. Hulse*. DOI: <http://dx.doi.org/10.1016/j.lmot.2010.04.002>
63. Weisman, R.G., Hoeschele, M., Bloomfield, L.L., Mewhort, D.J.K., Sturdy, C.B. (2010). Using network models of absolute pitch to compare frequency-range discriminations across avian species. Behavioural Processes, 84(1), 421-427. DOI: <http://dx.doi.org/10.1016/j.beproc.2010.01.010>

2009

64. Batty, E.R., Bloomfield, L.L., Spetch, M.L., & Sturdy, C.B. (2009). Black-capped (*Poecile atricapillus*) and mountain chickadees' (*Poecile gambeli*) use of geometric and featural information in a spatial orientation task. Animal Cognition, 12, 633-641. DOI: [10.1007/s10071-009-0222-3](https://doi.org/10.1007/s10071-009-0222-3)
65. Guillette, L.M., Reddon, A.R., Hurd, P.L., & Sturdy, C.B. (2009). Exploration of a novel space is associated with individual differences in learning speed in black-capped chickadees, *Poecile atricapillus*. Behavioural Processes, 82, 265–270. DOI: <http://dx.doi.org/10.1016/j.beproc.2009.07.005>
66. Hoeschele, M., Gammon, D.E., Moscicki, M.K., & Sturdy, C.B. (2009). Note types and coding in parid vocalizations: the chick-a-dee call of the chestnut-backed chickadee (*Poecile rufescens*). Journal of the Acoustical Society of America, 126(4), 2088-2099. DOI: <http://dx.doi.org/10.1121/1.3203736>
67. Proppe, D.S., & Sturdy, C.B. (2009). The effect of schedules of reinforcement on the composition of spontaneous and evoked black-capped chickadee calls. Journal of Experimental Biology, 212, 3016-3025. DOI: [10.1242/jeb.031724](https://doi.org/10.1242/jeb.031724)

2008

68. Avey, M.T., Quince, A.F., & Sturdy, C.B. (2008). Seasonal and diurnal patterns of black-capped chickadee (*Poecile atricapillus*) vocal production. Behavioural Processes, 77(2), 149-155. *Included in Special Issue in honour of the contributions of Ronald G. Weisman, Special Issue Edited by C.B. Sturdy; This manuscript edited by J. Crystal*. DOI: <http://dx.doi.org/10.1016/j.beproc.2007.12.004>
69. Avey, M.T., Kanyo, R.A., Irwin, E.L., & Sturdy, C.B. (2008). Differential effects of vocalization type, singer and listener on Zenk immediate early gene response in black-capped chickadees (*Poecile atricapillus*). Behavioral Brain Research, 188(1), 201-208. DOI: <http://dx.doi.org/10.1016/j.bbr.2007.10.034>
70. Bloomfield, L.L., Farrell, T.M., & Sturdy, C.B. (2008). Categorization and discrimination of “chick-a-dee” calls by wild-caught and hand-reared chickadees. Behavioural Processes, 77(2), 166-176. *Included in Special Issue in honour of the contributions of Ronald G. Weisman, Special Issue Edited by C.B. Sturdy; This manuscript edited by J. Crystal*. DOI: <http://dx.doi.org/10.1016/j.beproc.2007.08.003>
71. Bloomfield, L.L., & Sturdy, C.B. (2008). All "chick-a-dee" calls are not created equally. Part I: Open-ended categorization of chick-a-dee calls by sympatric and allopatric chickadees. Behavioural Processes, 77(1), 73-86. DOI: <http://dx.doi.org/10.1016/j.beproc.2007.06.011>
72. Bloomfield, L.L., Farrell, T.M., & Sturdy, C.B. (2008). All "chick-a-dee" calls are not created equally. Part II: Mechanisms for discriminations by sympatric and allopatric chickadees. Behavioural Processes, 77(1), 87-99. DOI: <http://dx.doi.org/10.1016/j.beproc.2007.06.008>

2007

73. Nickerson, C.M., Bloomfield, L.L., Dawson, M.R.W., Charrier, I., & Sturdy, C.B. (2007). Feature weighting in 'chick-a-dee' call notes of *Poecile atricapillus*. Journal of the Acoustical Society of America, 122(4), 2451-2458. DOI: <http://dx.doi.org/10.1121/1.2770540>
74. Sturdy, C.B., Bloomfield, L.L., Farrell, T.M., Avey, M.T., & Weisman, R.G. (2007). Auditory category perception as a natural cognitive activity in songbirds. Comparative Cognition & Behavior Reviews, 2, 93-110. Retrieved from <http://psyc.queensu.ca/ccbr/index.html> DOI: [10.3819/ccbr.2008.20006](https://doi.org/10.3819/ccbr.2008.20006)

2006

75. Dawson, M.R.W., Bloomfield, L.L., Charrier, I., & Sturdy, C.B. (2006). Statistical classification of black-capped (*Poecile atricapillus*) and mountain chickadee (*P. gambeli*) call notes. Journal of Comparative Psychology, 120, 147-153. DOI: [10.1037/0735-7036.120.2.147](https://doi.org/10.1037/0735-7036.120.2.147)
76. Dawson, M.R.W., Charrier, I., & Sturdy, C.B. (2006). Using an artificial neural network to classify the call notes of the black-capped chickadee call (*Poecile atricapillus*). Journal of the Acoustical Society of America, 119(5), 3161-3172. DOI: <http://dx.doi.org/10.1121/1.2189028>
77. Lee, T.T.-Y., Charrier, I., Bloomfield, L.L., Weisman, R.G. & Sturdy, C.B. (2006). Frequency-range discriminations and absolute pitch in black-capped chickadees (*Poecile atricapillus*), mountain chickadees (*P. gambeli*), and zebra finches (*Taeniopygia guttata*). Journal of Comparative Psychology, 120(3), 217-228. DOI: [10.1037/0735-7036.120.3.217](https://doi.org/10.1037/0735-7036.120.3.217)
78. Nickerson, C.M., Bloomfield, L.L., Dawson, M.R.W., & Sturdy, C.B. (2006). Artificial neural network discrimination of black-capped chickadee (*Poecile atricapillus*) call notes. Journal of the Acoustical Society of America, 120(2), 1111-1117. DOI: <http://dx.doi.org/10.1121/1.2211509>
79. Sturdy, C.B., & Weisman, R.G. (2006). Rationale and methodology for testing auditory cognition in songbirds. Behavioral Processes, 72, 265-272. DOI: <http://dx.doi.org/10.1016/j.beproc.2006.03.007>

2005

80. Bloomfield, L.L., Phillmore, L.S. Weisman, R.G., & Sturdy, C.B. (2005) Note types and coding in Parid vocalizations III: The chick-a-dee call of the Carolina chickadee (*Poecile carolinensis*). Canadian Journal of Zoology, 83, 820-833. DOI: [10.1139/z05-067](https://doi.org/10.1139/z05-067)
81. Charrier, I., Lee, T.T.-Y., Bloomfield, L.L., & Sturdy, C.B. (2005). Acoustic mechanisms of note-type perception in black-capped chickadee calls. Journal of Comparative Psychology, 199(4), 371-380. DOI: [10.1037/0735-7036.119.4.371](https://doi.org/10.1037/0735-7036.119.4.371)
82. Charrier, I., & Sturdy, C.B. (2005). Call-based species recognition in black-capped chickadees. Behavioral Processes, 70, 271-281. DOI: <http://dx.doi.org/10.1016/j.beproc.2005.07.007>
83. Gray, E.R., Bloomfield, L.L., Ferrey, A., Spetch, M.L., & Sturdy, C.B. (2005). Spatial encoding in mountain chickadees: Features overshadow geometry. Biology Letters, 1, 314-317. DOI: [10.1098/rsbl.2005.0347](https://doi.org/10.1098/rsbl.2005.0347)

2004

84. Bloomfield, L.L., Charrier, I., & Sturdy, C.B. (2004). Note types and coding in Parid vocalizations II: The chick-a-dee call of the mountain chickadee (*Poecile gambeli*) Canadian Journal of Zoology, 82, 780-793. DOI: [10.1139/z04-046](https://doi.org/10.1139/z04-046)
85. Charrier, I., Bloomfield, L.L., & Sturdy, C.B. (2004). Note types and coding in Parid vocalizations I: The chick-a-dee call of the black-capped chickadee (*Poecile atricapilla*). Canadian Journal of Zoology, 82, 769-779. DOI: [10.1139/z04-045](https://doi.org/10.1139/z04-045)

86. Weisman, R.G., Njegovan, M.G., Williams, M.T., Cohen, J.S., & **Sturdy, C.B.** (2004). A behavior analysis of absolute pitch: Sex, experience, and species. *Behavioral Processes*, 66, 289-307. DOI: <http://dx.doi.org/10.1016/j.beproc.2004.03.010>

2003

87. Bloomfield, L.L., **Sturdy, C.B.**, Phillmore, L.S., & Weisman, R.G. (2003). Open-ended categorization of chick-a-dee calls by black-capped chickadees (*Poecile atricapilla*). *Journal of Comparative Psychology*, 117(3), 290-301. DOI: [10.1037/0735-7036.117.3.290](http://dx.doi.org/10.1037/0735-7036.117.3.290)
88. Phillmore, L.S., **Sturdy, C.B.**, & Weisman, R.G. (2003). Does reduced social contact affect discrimination of distance cues and individual vocalizations? *Animal Behaviour*, 65, 911-922. DOI: <http://dx.doi.org/10.1006/anbe.2003.2153>
89. **Sturdy, C.B.**, Wild, J.M., & Mooney, R. (2003) Respiratory and telencephalic modulation of vocal motor neurons in the zebra finch. *Journal of Neuroscience*, 23(3), 1072-1086.

2002

90. Mooney, R., Rosen, M.J., & **Sturdy, C.B.** (2002). A bird's eye view: top down intracellular analyses of auditory selectivity for learned vocalizations. *Journal of Comparative Physiology A*, 188, 879-895. DOI: [10.1007/s00359-002-0353-3](http://dx.doi.org/10.1007/s00359-002-0353-3)
91. Phillmore, L.S., **Sturdy, C.B.**, Turyk, M.R. & Weisman, R.G. (2002). Discrimination of individual vocalizations by black-capped chickadees (*Poecile atricapilla*). *Animal Learning & Behavior*, 30(1), 43-52. DOI: [10.3758/BF03192908](http://dx.doi.org/10.3758/BF03192908)

2001

92. **Sturdy, C.B.**, Phillmore, L.S., Sartor, J. J. & Weisman, R.G. (2001). Reduced social contact causes auditory perceptual deficits in zebra finches, *Taeniopygia guttata*. *Animal Behaviour*, 62, 1207-1218. DOI: <http://dx.doi.org/10.1006/anbe.2001.1864>

2000

93. **Sturdy, C.B.**, Phillmore, L.S., & Weisman, R.G. (2000). Call-note discriminations in black-capped chickadees (*Poecile atricapillus*). *Journal of Comparative Psychology*, 114(4), 357-364. DOI: [10.1037/0735-7036.114.4.357](http://dx.doi.org/10.1037/0735-7036.114.4.357)

1999

94. **Sturdy, C.B.**, Phillmore, L.S., Weisman, R.G. (1999). Note types, harmonic suppression, and note order in the songs of zebra finches (*Taeniopygia guttata*). *Journal of Comparative Psychology*, 113(2), 194–203. DOI: [10.1037/0735-7036.113.2.194](http://dx.doi.org/10.1037/0735-7036.113.2.194)
95. **Sturdy, C.B.**, Phillmore, L.S., Price, J. L., & Weisman, R.G. (1999). Song-note discriminations in zebra finches (*Taeniopygia guttata*): Categories and pseudocategories. *Journal of Comparative Psychology*, 113(2), 204-212. DOI: [10.1037/0735-7036.113.2.204](http://dx.doi.org/10.1037/0735-7036.113.2.204)
96. Weisman, R., Brownlie, L., Olthof, A., **Sturdy, C.**, Njegovan, M., & Mewhort, D. (1999). Timing and classifying brief acoustic stimuli by songbirds and humans. *Journal of Experimental Psychology: Animal Behavior Processes*, 25(2), 139-152. DOI: [10.1037/0097-7403.25.2.139](http://dx.doi.org/10.1037/0097-7403.25.2.139)

1998

97. Phillmore, L.S., **Sturdy, C.B.**, Ramsay, S.M., & Weisman, R.G. (1998). Discrimination of auditory distance cues in black-capped chickadees (*Poecile atricapillus*) and zebra finches (*Taeniopygia guttata*). *Journal of Comparative Psychology*, 112 (3), 282-291. DOI: [10.1037/0735-7036.112.3.282](http://dx.doi.org/10.1037/0735-7036.112.3.282)

98. Weisman, R., Njegovan, M., **Sturdy, C.**, Phillmore, L., Coyle, J., & Mewhort, D. (1998). Frequency range discriminations: special and general abilities in zebra finches (*Taeniopygia guttata*) and humans (*Homo sapiens*). *Journal of Comparative Psychology*, 112(3), 244 - 258. DOI: [10.1037/0735-7036.112.3.244](https://doi.org/10.1037/0735-7036.112.3.244)

1996

99. Cohen, J.S., **Sturdy, C.**, & Hicks, M. (1996). Intratrial proactive interference in rats' serial alternation performance in the radial maze. *Animal Learning and Behavior*, 24(3), 300-309. DOI: [10.3758/BF03198978](https://doi.org/10.3758/BF03198978)

Full Papers in Refereed Conference Proceedings (1)

100. Wisniewski, M.G., Guillette, L.M., Radell, M.L., **Sturdy, C.B.**, & Mercado, E., III (2011). Simulating the temporal dynamics of learning-related shifts in generalization gradients with connectionist models. In L. Carlson, C. Hölscher, & T. Shipley (Eds.), *Proceedings of the 33rd Annual Conference of the Cognitive Science Society*. Austin, TX: Cognitive Science Society.

Refereed Book Chapters (7)

101. Hahn, A.H., Congdon, J.V., Campbell, K.A., Scully, E.N., McMillan, N., & **Sturdy, C.B.** (2017). Mechanisms of communication and cognition in chickadees: Explaining nature in the lab and field. In M. Naguib, J. Podos, L. W. Simmons, L. Barrett, S. Healy, & M. Zuk (Eds.), *Advances in the Study of Behavior*, 147–197. DOI: <http://dx.doi.org/10.1016/bs.asb.2017.02.003>
102. McMillan, N., Avey, M.T., Bloomfield, L.L., Guillette, L.M., Hahn, A.H., Hoeschele, M., & **Sturdy, C.B.** (2017). Avian Vocal Perception: Bioacoustics and Perceptual Mechanisms. In C. ten Cate & S. D. Healy (Eds) *Avian cognition*. Cambridge University Press.
103. Mercado III, E. & **Sturdy, C.B.** (2016). Classifying animal sounds with neural networks. In C. Brown & T. Riede (Eds.), *Research Methods in Comparative Bioacoustics*. Bentham eBooks, 429-478.
104. Weisman, R.G., Mewhort, D.J.K., Hoeschele, M., & **Sturdy, C.B.** (2012). New perspectives on absolute pitch in birds and mammals. In E.A. Wasserman & T.R. Zentall (Eds.), *Handbook of Comparative Cognition*. Oxford University Press, 67-79.
105. Freeberg, T.M., Baker, M.C., Bloomfield, L.L., Charrier, I., Gammon, D.E., Hailman, J.P., Lee, T.T.-Y, Lucas, J.R., Mennill, D.J., & **Sturdy, C.B.** (2007). Synopsis: Complexities in vocal communication. In K.A. Otter (Ed), *Ecology and Behaviour of Chickadees and Titmice: an integrated approach*. Oxford University Press, 235-240.
106. **Sturdy, C.B.**, Bloomfield, L.L., Charrier, I., & Lee, T.T.-Y. (2007). Chickadee vocal production and perception: An integrative approach to understanding acoustic communication. In K.A. Otter (Ed.), *Ecology and Behaviour of Chickadees and Titmice: an integrated approach*. Oxford University Press, 153-166.
107. Weisman, R.G., Williams, M.T., Cohen, J.S., Njegovan, M.J., & **Sturdy, C.B.** (2006). The comparative psychology of absolute pitch. In E.A. Wasserman & T.R. Zentall (Eds.), *Comparative Cognition: Experimental Explorations of Animal Intelligence*. Oxford University Press, 71-86.

Non-refereed Publications (13)

108. Campbell, K.A., Thunberg, S., & **Sturdy, C.B.** (2019). Features of male and female-produced song in black-capped chickadees (*Poecile atricapillus*) change between seasons. *Canadian Acoustics - Acoustique canadienne*, 47(3), 36-27.
109. Mischler, S.K., Congdon, J.V., Scully, E.N., Campbell, K.A., & **Sturdy, C.B.** (2017). Passerine vocal communication. To appear In J. Vonk & T. Shakelford (Eds), *Encyclopedia of Animal Cognition and Behavior*. Springer. DOI: [10.1007/978-3-319-47829-6_892-1](https://doi.org/10.1007/978-3-319-47829-6_892-1)
110. **Sturdy, C.B.**, Spetch, M.L., & Ratcliffe, L.M. (2017). Biography: Ronald G. Weisman. In J. Vonk & T. Shakelford (Eds), *Encyclopedia of Animal Cognition and Behavior*. Springer. DOI: [10.1007/978-3-319-47829-6_1931-1](https://doi.org/10.1007/978-3-319-47829-6_1931-1)

111. **Sturdy, C.B.** & **Proppe, D.S.** (2015). Hearing is believing: Birds learn fear. *Learning & Behavior*, 44, 205–206. DOI: [10.3758/s13420-015-0207-9](https://doi.org/10.3758/s13420-015-0207-9)
112. **Hahn, A.H.**, & **Sturdy, C.B.** (2015). Seemingly simple songs: Black-capped chickadee song revisited. *Journal of the Acoustical Society of America*, 138, 1879. DOI: <http://dx.doi.org/10.1121/1.4933895>
113. **Sturdy, C.B.**, & Spetch, M.L. (2015, March 24). LIVES LIVED: Intellectually challenging and a force of nature. *Queen's Gazette*. Retrieved from <http://www.queensu.ca/gazette/>
114. **Sturdy, C.B.**, & Spetch, M.L. (2015). In Memory of Ronald G. Weisman (September 14 1937-January 27 2015). *Comparative Cognition & Behavior Reviews*, 10, 107. DOI: [10.3819/ccbr.2015.100005](https://doi.org/10.3819/ccbr.2015.100005)
115. **Hahn, A.H.**, **Guillette, L.M.**, **Hoeschele, M.**, **Cook, R.G.**, & **Sturdy, C.B.** (2013). Categories, concepts, and calls: Auditory perceptual mechanisms and cognitive abilities across different types of birds. *Proceedings of Meetings on Acoustics*, 19. DOI: [10.1121/1.4799329](https://doi.org/10.1121/1.4799329)
116. Mercado, E. III, Wisniewski, M.G., McIntosh, B., Guillette, L.M., & **Sturdy, C.B.** (2013). Reverberlocation in chickadees? *Proceedings of Meetings on Acoustics*, 19. DOI: [10.1121/1.4799208](https://doi.org/10.1121/1.4799208)
117. **Sturdy, C.B.**, & Zentall, T.R. (2011). Welcome Editorial. *Comparative Cognition & Behavior Reviews*, 6, 4. Retrieved from <http://psyc.queensu.ca/ccbr/index.html>
118. **Sturdy, C.B.** (2008). Thinking outside the box: A tribute to the contributions of Ronald G. Weisman. *Behavioural Processes*, 77(2), 139-141. *Editorial for Special Issue in honour of the contributions of Ronald G. Weisman, Special Issue Edited by C.B. Sturdy*. DOI: <http://dx.doi.org/10.1016/j.beproc.2007.11.010>
119. **Sturdy, C.B.** (2004). Animal behaviour: A social call. *Nature*, 430, 414. DOI: [10.1038/430414a](https://doi.org/10.1038/430414a)
120. **Sturdy, C.B.**, & Mooney, R. (2000). Bird Communication: Two voices are better than one. *Current Biology*, 10:17:R634-R636. DOI: [http://dx.doi.org/10.1016/S0960-9822\(00\)00661-8](http://dx.doi.org/10.1016/S0960-9822(00)00661-8)