



Honeybee communication: animal social learning at the height of social complexity

Results

Project Information

BeeDanceGap

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[Project website](#)

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Coordinated by

ROYAL HOLLOWAY AND
BEDFORD NEW COLLEGE

United Kingdom

CORDIS provides links to public deliverables and publications of HORIZON projects.

Links to deliverables and publications from FP7 projects, as well as links to some specific result types such as dataset and software, are dynamically retrieved from [OpenAIRE](#) .

Publications

[Peer reviewed articles \(12\)](#)



[The conceptual foundations of network-based diffusion analysis: choosing networks and interpreting results](#) 

Author(s): Will Hoppitt

Published in: Philosophical Transactions of the Royal Society B: Biological Sciences, Issue 372/1735, 2017, Page(s) 20160418, ISSN 0962-8436

Publisher: Royal Society of London

DOI: 10.1098/rstb.2016.0418

[Individual and combined impacts of sulfoxaflo and Nosema bombi on bumblebee \(*Bombus terrestris*\) larval growth](#) 

Author(s): Harry Siviter, Arran J. Folly, Mark J. F. Brown, Ellouise Leadbeater

Published in: Proceedings of the Royal Society B: Biological Sciences, Issue 287/1932, 2020, Page(s) 20200935, ISSN 0962-8452

Publisher: Royal Society of London

DOI: 10.1098/rspb.2020.0935

[A social insect perspective on the evolution of social learning mechanisms](#) 

Author(s): Ellouise Leadbeater, Erika H. Dawson

Published in: Proceedings of the National Academy of Sciences, Issue 114/30, 2017, Page(s) 7838-7845, ISSN 0027-8424

Publisher: National Academy of Sciences

DOI: 10.1073/pnas.1620744114

[Quantifying the impact of pesticides on learning and memory in bees](#) 

Author(s): Harry Siviter, Julia Koricheva, Mark J. F. Brown, Ellouise Leadbeater

Published in: Journal of Applied Ecology, 2018, ISSN 0021-8901

Publisher: Blackwell Publishing Inc.

DOI: 10.1111/1365-2664.13193

[Lower bumblebee colony reproductive success in agricultural compared with urban environments](#) 

Author(s): Ash E. Samuelson, Richard J. Gill, Mark J. F. Brown, Ellouise Leadbeater

Published in: Proceedings of the Royal Society B: Biological Sciences, Issue 285/1881, 2018, Page(s) 20180807, ISSN 0962-8452

Publisher: Royal Society of London

DOI: 10.1098/rspb.2018.0807

[Sulfoxaflo exposure reduces bumblebee reproductive success](#) 

Author(s): Harry Siviter, Mark J. F. Brown, Ellouise Leadbeater

Published in: Nature, Issue 06/09/2018, 2018, Page(s) 109-112, ISSN 0028-0836

Publisher: Nature Publishing Group

DOI: 10.1038/s41586-018-0430-6

[A land classification protocol for pollinator ecology research: An urbanization case study](#)

Author(s): Ash E. Samuelson, Ellouise Leadbeater

Published in: Ecology and Evolution, Issue 8/11, 2018, Page(s) 5598-5610, ISSN 2045-7758

Publisher: John Wiley and Sons Ltd

DOI: 10.1002/ece3.4087

[Network-based diffusion analysis reveals context-specific dominance of dance communication in foraging honeybees](#)

Author(s): Matthew J. Hasenjager, William Hoppitt, Ellouise Leadbeater

Published in: Nature Communications, Issue 11/1, 2020, ISSN 2041-1723

Publisher: Nature Publishing Group

DOI: 10.1038/s41467-020-14410-0

[No evidence for negative impacts of acute sulfoxaflor exposure on bee olfactory conditioning or working memory](#)

Author(s): Harry Siviter, Alfie Scott, Grégoire Pasquier, Christopher D. Pull, Mark J.F. Brown, Ellouise Leadbeater

Published in: PeerJ, Issue 7, 2019, Page(s) e7208, ISSN 2167-8359

Publisher: PeerJ

DOI: 10.7717/peerj.7208

[Sulfoxaflor exposure reduces egg laying in bumblebees *Bombus terrestris*](#)

Author(s): Harry Siviter, Jacob Horner, Mark J. F. Brown, Ellouise Leadbeater

Published in: Journal of Applied Ecology, Issue 57/1, 2019, Page(s) 160-169, ISSN 0021-8901

Publisher: Blackwell Publishing Inc.

DOI: 10.1111/1365-2664.13519

[Urbanisation is associated with reduced *Nosema* sp. infection, higher colony strength and higher richness of foraged pollen in honeybees](#)

Author(s): Ash E. Samuelson, Richard J. Gill, Ellouise Leadbeater

Published in: Apidologie, 2020, ISSN 0044-8435

Publisher: Springer Verlag

DOI: 10.1007/s13592-020-00758-1

[Detecting and quantifying social transmission using network-based diffusion analysis](#)

Author(s): Matthew J. Hasenjager, Ellouise Leadbeater, William Hoppitt

Published in: Journal of Animal Ecology, 2020, ISSN 0021-8790

Publisher: Blackwell Publishing Inc.

DOI: 10.1111/1365-2656.13307

[Foraging by Honeybees](#) 

Author(s): Ash Samuelson, Ellouise Leadbeater

Published in: Encyclopaedia of Animal Cognition and Behaviour, Issue 1/1, 2017, Page(s) 1-9

Publisher: Springer International Publishing

DOI: 10.1007/978-3-319-47829-6_918-1

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