

Reference List

- Alacron, R and DeGrandi-Hoffman. 2009. Fungicides can reduce, hinder pollination potential of honey bees. [Online] Available at: <http://www.westernfarmpress.com/fungicides-can-reduce-hinder-pollination-potential-honey-bees> [Accessed: 29 Nov. 2017]
- Balbuena, M., Tison, L., Hahn, M., Greggers, U., Menzel, R. and Farina, W. (2015). Effects of sublethal doses of glyphosate on honeybee navigation. *Journal of Experimental Biology*, 218(17), pp.2799-2805.
- Barkham, P. 2015. Pesticide may be reason butterfly numbers are falling in UK. [Online] Available at: <https://www.theguardian.com/environment/2015/nov/24/pesticide-butterflies-declining-uk-study> [Accessed 29 Nov. 2017]
- BBC News. 2009. The economic value of honeybees. [Online] Available at: <http://news.bbc.co.uk/1/hi/business/8015136.stm> [Accessed 29 Nov. 2017]
- BBC News. 2013. Neonicotinoid pesticides 'damage brains of bees'. [Online] Available at: <http://www.bbc.co.uk/news/science-environment-21958547> [Accessed 29 Nov. 2017]
- BBC News. 2017. Bumblebees: Pesticide reduces queen egg development. [Online] Available at: <http://www.bbc.co.uk/news/science-environment-39783990> [Accessed 29 Nov. 2017]
- BBC News. 2017. Pesticides linked to bee deaths found in most honey samples. [Online] Available at: <http://www.bbc.co.uk/news/science-environment-41512791> [Accessed: 29 Nov. 2017]
- Biodiversity and ecosystem services. 2014. [Online] available at: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/635376/10_Status_of_pollinating_insects_2017.pdf [Accessed 29 Nov. 2017]
- Buglife - https://www.buglife.org.uk/sites/default/files/B-Lines%20Workshop%20Matt%20reduced_0.pdf
- Butterfly Conservation. http://www.mothscount.org/text/19/moths_in_decline.html
- DEFRA. 2015. Pesticide risk mapping and catchment interventions – Phase 1. https://www.researchgate.net/publication/303031621_Pesticide_Risk_Mapping_and_Catchment_Interventions_-_Phase_1_-_Free_Abridged_Report
- European Food Safety Authority. 2015. Collection of application data in view of performing ERA for pesticides. [Online] Available at: <http://www.efsa.europa.eu/en/supporting/pub/en-846> [Accessed 29 Nov. 2017]
- Fera. 2016. PUS STATS. [Online] Available at: <https://secure.fera.defra.gov.uk/pusstats/index.cfm> [Accessed 29 Nov. 2017]
- Fox R, Conrad, K. F., Parsons MS, Warren MS, and Woiwod, IP, (2006). The state of Britain's larger moths. Butterfly Conservation and Rothamsted Research, Wareham, Dorset
- Hallmann, C., Sorg, M., Jongejans, E., Siepel, H., Hofland, N., Schwan, H., Stenmans, W., Müller, A., Sumser, H., Hörrén, T., Goulson, D. and de Kroon, H. (2017). More than 75 percent decline over 27 years in total flying insect biomass in protected areas. *PLOS ONE*, 12(10), p.e0185809.

Herbert, L., Vazquez, D., Arenas, A. and Farina, W. (2014). Effects of field-realistic doses of glyphosate on honeybee appetitive behaviour. *Journal of Experimental Biology*, 217(19), pp.3457-3464.

Honeysolutions. (2017). *Roundup: What Impact Does this Herbicide Have on Bees and Food?* [Online] Available at: <http://www.honeysolutions.com/roundup-what-impact-does-this-herbicide-have-on-bees-and-food/> [Accessed 29 Nov. 2017].

HuffPost. (2017). *Do We Really Think ANY Wildlife Survives the Chemical Barrage of Farmers Year After Year After Year?*. [online] Available at: https://www.huffingtonpost.com/entry/do-we-really-think-any-wildlife-survives-the-chemical_us_59fcf247e4b076eaaae26f87?ncid=engmodushpimg00000004 [Accessed 29 Nov. 2017].

Johnston, I. (2017). *Garden centres selling 'bee-friendly' plants laced with pesticides that harm them, study finds*. [online] The Independent. Available at: <http://www.independent.co.uk/environment/garden-centres-selling-bee-friendly-plants-pesticides-harmful-neonicotinoids-a7734516.html> [Accessed 29 Nov. 2017].

Kiljanek, T., Niewiadowska, A. and Posyniak, A. (2016). Pesticide Poisoning of Honeybees: A Review of Symptoms, Incident Classification, and Causes of Poisoning. *Journal of Apicultural Science*, 60(2).

Knapton, S. (2017). *Bees contribute more to British economy than Royal Family*. [online] Telegraph.co.uk. Available at: <http://www.telegraph.co.uk/news/earth/wildlife/11679210/Bees-contribute-more-to-British-economy-than-Royal-Family.html> [Accessed 29 Nov. 2017].

Land Use & Sustainability Team, Fera. 2014. *Arable crops in the United Kingdom 2014*. [Online] Available at: <https://secure.fera.defra.gov.uk/pusstats/surveys/documents/arable2014v2.pdf> [Accessed 29 Nov. 2017]

Land Use & Sustainability Team, Fera. 2016. *Arable crops in the United Kingdom 2016*. [Online] Available from: <https://secure.fera.defra.gov.uk/pusstats/surveys/documents/arable2016.pdf> [Accessed 29 Nov. 2017]

Lechenet, M., Dessaint, F., Py, G., Makowski, D. and Munier-Jolain, N. (2017). Reducing pesticide use while preserving crop productivity and profitability on arable farms. *Nature Plants*, 3(3), p.17008.

McArt, S., Urbanowicz, C., McCoshum, S., Irwin, R. and Adler, L. (2017). Landscape predictors of pathogen prevalence and range contractions in US bumblebees. *Proceedings of the Royal Society B: Biological Sciences*, 284(1867), p.20172181.

McCarthy, M. (2017). *A giant insect ecosystem is collapsing due to humans. It's a catastrophe*. [online] Available at: https://www.theguardian.com/environment/2017/oct/21/insects-giant-ecosystem-collapsing-human-activity-catastrophe?utm_content=bufferf696c&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer [Accessed 29 Nov. 2017].

Monbiot, G. (2017). *Insectageddon: farming is more catastrophic than climate breakdown* | George Monbiot. [online] the Guardian. Available at: <https://www.theguardian.com/commentisfree/2017/oct/20/insectageddon-farming-catastrophe-climate-breakdown-insect-populations> [Accessed 29 Nov. 2017].

PAN Europe. 2013. *Pesticide Use in Europe*. [Online] Available at: <http://www.pan-europe.info/issues/pesticide-use-europe> [Accessed 29 Nov. 2017]

Silva, V., Montanarella, L., Jones, A., Fernández-Ugalde, O., Mol, H., Ritsema, C. and Geissen, V. (2017). Distribution of glyphosate and aminomethylphosphonic acid (AMPA) in agricultural topsoils of the European Union. *Science of The Total Environment*.

Sureda Anfres, N. (2016). *Controversial insecticides linked to wild bee declines*. [Online] Available at: <https://www.nature.com/news/controversial-insecticides-linked-to-wild-bee-declines-1.20446> [Accessed 29 Nov. 2017]

Sustainweb.org. (2013). *UK bee keeping in decline*. [online] Available at: https://www.sustainweb.org/foodfacts/bee_industry/ [Accessed 29 Nov. 2017].

Ya, T., Jia-sui, X and Keming, C. 2001. *Hand pollination of pears and its implications for biodiversity conservation and environmental protection -- A case study from Hanyuan County, Sichuan Province, China*. College of the Environment, Sichuan University.