

# Partners in reversing farmland wildlife decline

## References

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- Barr, C., Britt, C., Sparks, T., & Churchward, J. 2005. Hedgerow management and wildlife: A review of research on the effects of hedgerow management and adjacent land on biodiversity. Defra Report.
- Benton, T. G., Vickery, J. A., & Wilson, J. D. 2003. Farmland biodiversity: is habitat heterogeneity the key? *Trends in Ecology & Evolution* 18: 182–188.
- Boughy, K. L., Lake, I. R., Haysom, K. A., & Dolman, P. M. 2011. Improving the biodiversity benefits of hedgerows: How physical characteristics and the proximity of foraging habitat affect the use of linear features by bats. *Biological Conservation* 144: 1790–1798.
- British Trust for Ornithology. 2008. Zero rate of set-aside: evaluating the potential impact on farmland birds and the implications for ELS uptake and related agri-environment measures. Defra Science and Research Report BD1640.
- Broome, A., Clarke, S., Peace, A., & Parsons, M. 2011. The effect of coppice management on moth assemblages in an English woodland. *Biodiversity and Conservation* 20: 729–749.
- Buckingham, D. L., & Peach, W. J. 2006. Leaving final-cut grass silage in situ overwinter as a seed resource for declining farmland birds. *Biodiversity and Conservation* 15: 3827–3845.
- Cranmer, L., McCollin, D., & Ollerton, J. 2012. Landscape structure influences pollinator movements and directly affects plant reproductive success. *Oikos* 121: 562–568.
- Croxton, P. J., & Sparks, T. H. 2002. A farm-scale evaluation of the influence of hedgerow cutting frequency on hawthorn (*Crataegus monogyna*) berry yields. *Agriculture, Ecosystems & Environment* 93: 437–439.
- Dicks, L. V., Baude, M., Roberts, S. P. M., Phillips, J., Green, M., & Carvell, C. 2015. How much flower-rich habitat is enough for wild pollinators? Answering a key policy question with incomplete knowledge. *Ecological Entomology* 40 (Suppl. 1): 22–35.
- Evans, A. D., Armstrong-Brown, S., & Grice, P. V. 2002. The role of research and development in the evolution of a 'smart' agri-environment scheme. *Aspects of Applied Biology* 67: 253–264.
- Gillings, S., Newson, S. E., Noble, D. G., & Vickery, J. A. 2005. Winter availability of cereal stubbles attracts farmland birds and positively influences breeding population trends. *Proceedings of the Royal Society B* 272: 733–739.
- Hancock, M. H., & Wilson, J. D. 2003. Winter habitat associations of seed-eating passerines on Scottish farmland. *Bird Study* 50: 116–130.
- Lawton, J. H., Brotherton, P. N. M., Brown, V. K., Elphick, C., Fitter, A. H., Forshaw, J., Haddow, R. W., Hilborne, S., Leafe, R. N., Mace, G. M., Southgate, M. P., Sutherland, W. J., Tew, T. E., Varley, J., & Wynne, G. R. 2010. Making Space for Nature: a review of England's wildlife sites and ecological network. Report to Defra.
- MacColl, A. D. C., Feu, C. R., & Wain, S. P. 2014. Significant effects of season and bird age on use of coppice woodland by songbirds. *Ibis* 156: 561–575.
- McDonald, M. A., Maniakowski, M., Cobbald, G., Grice, P. V., & Anderson, G. Q. A. 2012. Effects of agri-environment management for stone curlews on other biodiversity. *Biological Conservation* 148: 134–145.
- Meek, B., Loxton, D., Sparks, T., Pywell, R., Pickett, H., & Nowakowski, M. 2002. The effect of arable field margin composition on invertebrate biodiversity. *Biological Conservation* 106: 259–271.
- Morris, A. J., Holland, J. M., Smith, B., & Jones, N. E. 2004. Sustainable Arable Farming For an Improved Environment (SAFFIE): managing winter wheat sward structure for Skylarks *Alauda arvensis*. *Ibis* 146 (S2): 155–162.
- Morris, M. G. 2000. The effects of structure and its dynamics on the ecology and conservation of arthropods in British grasslands. *Biological Conservation* 95: 129–142.
- Orford, K. A., Murray, P., Vaughan, I. P., & Memmott, J. 2016. Modest enhancements to conventional grassland diversity improve the provision of pollination services. *Journal of Applied Ecology* 53: 906–915.
- Peach, W. J., Dodd, S., Westbury, D. B., Mortimer, S. R., Lewis, P., Brook, A. J., Harris, S. J., Kessock-Philip, R., Buckingham, D. L., & Chaney, K. 2011. Cereal-based wholecrop silages: A potential conservation measure for farmland birds in pastoral landscapes. *Biological Conservation* 144: 836–850.
- Senapathi, D., Goddard, M. A., Kunin, W. E., & Baldock, K. C. R. 2017. Landscape impacts on pollinator communities in temperate systems: evidence and knowledge gaps. *Functional Ecology* 31: 26–37.
- Staley, J. T., Botham, M. S., Chapman, R. E., Amy, S. R., Heard, M. S., Hulmes, L., Savage, J., & Pywell, R. F. 2016. Little and late: How reduced hedgerow cutting can benefit Lepidoptera. *Agric. Ecosyst. Environ.* 224: 22–28.
- Thomas, M. B., Wratten, S. D., & Sootherton, N. W. 1991. Creation of 'island' habitats in farmland to manipulate populations of beneficial arthropods: predator densities and species composition. *Journal of Applied Ecology* 28: 906–917.
- Wallis De Vries, M. F., Parkinson, A. E., Dulphy, J. P., Sayer, M., & Diana, E. 2007. Effects of livestock breed and grazing intensity on biodiversity and production in grazing systems. 4. Effects on animal diversity. *Grass and Forage Science* 62: 185–197.
- Wilson, J. D., Evans, A. D., & Grice, P. V. 2009. *Bird Conservation and Agriculture*. Cambridge University Press.