

References

Tab	Article
1	Good practice planning for invertebrates (2015). Buglife, Peterborough.
2	IN180: Organising surveys to determine site quality for invertebrates (2006). English Nature, Peterborough.
3	Angnold, P.G. (1997). The impact of a road upon adjacent heathland vegetation: effects on plant species composition. <i>Journal of Applied Ecology</i> 34 p. 409-417
4	Bhattacharya, M., Primack, R., & Gerwein, J. (2003). Are roads and railroads barriers to bumblebee movement in a temperate suburban conservation area? <i>Biological Conservation</i> 109(1) p. 37-45
5	Biosseau, S. & Yalden, D.W. 1998. The former status of the Crane <i>Grus grus</i> in Britain. <i>IBIS</i> 140: 482-500.
6	Carvell et al. 2006. Declines in forage availability for bumblebees at a national scale. <i>Biological Conservation</i> 132 (4), pp. 481-489
7	Cramp S <i>et al</i> (1993) <i>Handbook of Birds of Europe, the Middle East and North Africa Vol. VII</i>
8	Dicks et al 2015. How much flower-rich habitat is enough for wild pollinators? Answering a key policy question with incomplete knowledge. <i>Ecological Entomology</i> 40 (SI1), pp 22-35
9	Dover, F.G. & Fry, G. (2001). Experimental simulation of some visual and physical components of a hedge and the effects of butterfly behaviours in an agricultural landscape. <i>Entomologia Experimentalis et Applicata</i> 100 (2) p. 221-233
10	Eaton, M., Aebischer, N., Brown, A., Hearn, R., Lock, L., Musgrove, A., Noble, D., Stroud, D., and Gregory, R. (2015) <i>Birds of Conservation Concern 4: the population status of birds in the UK, Channel Islands and Isle of Man</i> . <i>Brit. Birds</i> 108: 708 -746
11	Ellis et al 2006. Extremely low effective population sizes, genetic structuring and reduced genetic diversity in a threatened bumblebee species, <i>Bombus sylvarum</i> (Hymenoptera: Apidae). <i>Molecular Ecology</i> 15, pp. 4375-4386
12	Fahrig, L. & Rytwinski, T. 2009. Effects of roads on animal abundance: an empirical review and synthesis. <i>Ecology and Society</i> , 14 (21).
13	Gilbert, G. <i>et al</i> (1998) <i>Bird Monitoring Methods</i> p386-388. RSPB.
14	Glynn, S & Anderson, K. (2015) The potential impact of the proposed M4 relief road on greenhouse gas emissions
15	Grilo C, Sousa J, Ascensã~o F, Matos H, Leita~o I, et al. (2012) Individual Spatial Responses towards Roads: Implications for Mortality Risk. <i>PLoS ONE</i> 7(9): e43811. doi:10.1371/journal.pone.0043811
16	Hirvonen, H. 2001. Impacts of highway construction and traffic on a wetland bird community. <i>ICOET 2001 Proceedings</i> .
17	Holling, M. <i>et al</i> (2016) Rare breeding birds in the United Kingdom in 2014. <i>Brit. Birds</i> 109: 491-545.
18	Janss, G. & Ferrer, M. (2000) Common crane and great bustard collision with power lines: rate and risk exposure. <i>Wildlife Society Bulletin</i> 28 (3).
19	Johnstone, I & Bladwell, S. (2016) <i>Birds of Conservation Concern in Wales 3: the population status of birds in Wales</i>
20	Knight et al. 2005. An interspecific comparison of foraging range and nest density of four bumblebee (<i>Bombus</i>) species. <i>Molecular Ecology</i> 14 (5), pp. 1811-1820
21	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) <i>Making Space for Nature: a review of England's wildlife sites and ecological network</i> . Report to Defra.
22	Lawton, J.H. (2015) Comments by Sir John Lawton on the Environment and Sustainability Committee Environment (Wales) Bill

23	Leito, A., Ojaste, I., Truu, J. & Palo, A. (2005) Nest site selection of the Eurasian Crane <i>Grus grus</i> in Estonia: an analysis of nest record cards. <i>Ornis Fennica</i> 82: 44–54.
24	Lepais et al 2010. Estimation of bumblebee queen dispersal distances using sibship reconstruction method. <i>Molecular Ecology</i> 19 (4), pp. 819-831
25	Lovegrove, R.R., Williams, G.A., & Williams, I.T. (1994) <i>Birds in Wales</i> . Poyser.
26	Musgrove, A.J. <i>et al</i> (2013) Population estimates of birds in Great Britain and the United Kingdom. <i>Brit. Birds</i> 106:64-100.
27	Nowald, G. 2001. Verhalten von Kranichfamilien (<i>Grus grus</i>) in Brutrevieren Nordostdeutschlands: Investition der Altvögel in ihre Nachkommen.
28	Nowald, G. 2003. Bedingungen für den Fortpflanzungserfolg: Zur Öko-Ethologie des Graukranichs <i>Grus grus</i> während der Jungenaufzucht.
29	Reijnen, R., Foppen, R. & Meeuwsen, H. 1996. The effects of traffic on densities of breeding birds in Dutch agricultural grasslands. <i>Biological Conservation</i> 75: 255-260
30	Shawyer, CR (1987) <i>The Barn Owl in the British Isles</i> . Hawk Trust.
31	Smith, M.N. (2010). The status and distribution of the Shrill Carder bee <i>Bombus sylvarum</i> on Magor & Undy SSSI and Whitson SSSI on the Gwent Levels and on Newport Wetlands National Nature Reserve in 2009. CCW Contract Science Report No. 919. Countryside Council for Wales, Bangor.
32	Smith, M.N. 2011. The status and distribution of the shrill carder bee <i>Bombus sylvarum</i> on the eastern Gwent Levels and within the Caerwent and Caldicot areas of Gwent in 2010. CCW Contract Science Report No. 972. Countryside Council for Wales, Bangor.
33	Smith, M.N. 2013. The status and distribution of the shrill carder bee <i>Bombus sylvarum</i> on Gwent Levels – Rumney and Peterstone SSSI and Gwent Levels – Nash and Goldcliff SSSI in 2012. CCW Contract Science Report No. 1030. Countryside Council for Wales, Bangor.
34	Stanbury, A. & the UK Crane Working Group. 2011. The changing status of the Common Crane in the UK. <i>British Birds</i> 104: 432–447
35	Stanbury, A. & Sills, N. 2012. Common crane habitats in Britain. <i>British Wildlife</i> August 2012: 381-390
36	Stewart & Roberts (2014). The status and distribution of the Shrill Carder bee <i>Bombus sylvarum</i> in the Kenfig-Port Talbot area in 2013. NRW evidence report 23
37	Summers, D., Cunnington, G.M. & Fahrig, L. 2011. Are the negative effects of roads on breeding birds caused by traffic noise? <i>Journal of Applied Ecology</i> 48: 1527-1534.
38	Williams, P. & Osborne, J. (2009). Bumblebee vulnerability and conservation world-wide. <i>Apidologie</i> 40 p. 367-387
39	Wratten et al (2003). Field boundaries as barriers to movement of hover flies (Diptera: Syrphidae) in cultivated land. <i>Oecologia</i> 134 (4) p. 605-611