

References

1. Draycott, RAH, Hoodless, AN & Sage, RB. (2008) Effects of pheasant management on vegetation and birds in lowland woodlands. *Journal of Applied Ecology*, **45**: 334–341
2. Sage, RB, Parish, DMB, Woodburn, MIA & Thompson, PGL. (2005) Songbirds using crops planted on farmland as cover for game birds. *European Journal of Wildlife Research*, **51**: 248–253
3. Parish, D & Sotherton, N. (2004) Game crops and threatened farmland songbirds in Scotland : a step towards halting population declines ? *Bird Study*, **51**: 107–112
4. Henderson, IG, Vickery, JA & Carter, N. (2004) The use of winter bird crops by farmland birds in lowland England. *Biological Conservation*, **118**: 21–32
5. Hoodless, AN & Draycott, RAH. (2005) Effects of pheasant management at wood edges. *GWCT Annual Review* **30**
6. Robertson, PA, Woodburn, MIA & Hill, DA. (1988) The effects of woodland management for pheasants on the abundance of butterflies in Dorset, England. *Biological Conservation*, **45**: 159–167
7. Davey, C. (2008). The impact of game management for pheasant (*Phasianus colchicus*) shooting on vertebrate biodiversity in British woodlands.
8. Sanchez-Garcia, C, Buner, FD & Aebischer, NJ. (2015) Supplementary winter food for gamebirds through feeders: Which species actually benefit? *Journal of Wildlife Management*, **79**: 832–845
9. GWCT. (2017). Guidelines for successful gamebird and songbird feeding.
10. Stoate, C & Szczur, J. (2001) Could game management have a role in the conservation of farmland passerines? A case study from a Leicestershire farm. *Bird Study*, **48**: 279–292
11. Stoate, C, Leake, A, Jarvis, P & Szczur, J. (2012). *Fields for the future*.
12. PACEC. (2014). *The Value of Sporting Shooting*.
13. Draycott, RAH, Hoodless, AN, Cooke, M & Sage, RB. (2012) The influence of pheasant releasing and associated management on farmland hedgerows and birds in England. *European Journal of Wildlife Research*, **58**: 227–234
14. Neumann, JL, Holloway, GJ, Sage, RB & Hoodless, AN. (2015) Releasing of pheasants for shooting in the UK alters woodland invertebrate communities. *Biological Conservation*, **191**: 50–59
15. Sage, RB & Swan, M. (2003). *Woodland conservation and pheasants*.
16. Sage, RB. (2007). *Guidelines for sustainable gamebird releasing*.
17. Sage, RB, Ludolf, C & Robertson, PA. (2005) The ground flora of ancient semi-natural woodlands in pheasant release pens in England. *Biological Conservation*, **122**: 243–252
18. Sage, RB, Woodburn, MIA, Draycott, RAH, Hoodless, AN & Clarke, S. (2009) The flora and structure of farmland hedges and hedgebanks near to pheasant release pens compared with other hedges. *Biological Conservation*, **142**: 1362–1369
19. Pressland, C. (University of Bristol, 2009). The impact of releasing pheasants for shooting on invertebrates in British woodlands.
20. Callegari, SE. (University of Reading, 2006). The impact of released gamebirds on the nature conservation value of chalk grassland in central

- southern Britain.
21. Callegari, SE, Bonham, E, Hoodless, AN, Sage, RB & Holloway, GJ. (2014) Impact of game bird release on the Adonis blue butterfly *Polyommatus bellargus* (Lepidoptera Lycaenidae) on chalk grassland. *European Journal of Wildlife Research*, **60**: 781–787
 22. Bicknell, J, Smart, J, Hoccom, DG, Amar, A, Evans, A, Walton, P & Knott, J. (2010). Impacts of non-native gamebird release in the UK: a review. *RSPB Research Report Number 40*.
 23. Gilbert, J. (2003) National inventory of woodland and trees (1995-99): Analysis of Management and Biodiversity Data. *Forest Research*, Forestry Commission
 24. Aebischer, N. (2017) How many birds are shot in the UK? *GWCT Annual Review*, 42–43
 25. Sage, RB, Turner, C V., Woodburn, MIA, Hoodless, AN, Draycott, RAH & Sotherton, NW. (2018) Predation of released pheasants *Phasianus colchicus* on lowland farmland in the UK and the effect of predator control. *European Journal of Wildlife Research*, **64**: 14
 26. Mayot, P. (2003) Repeuplement de faisans en été: volière à ciel ouvert ou petite volière de pré-lâcher? (Pheasant restocking in summer: English pen or small pre-releasing pen?). *Faune Sauvage*, **258**: 15–19.
 27. Stoate, C. (2002) Multifunctional use of a natural resource on farmland: Wild pheasant (*Phasianus colchicus*) management and the conservation of farmland passerines. *Biodiversity and Conservation*, **11**: 561–573
 28. Reynolds, JC, Stoate, C, Brockless, MH, Aebischer, NJ & Tapper, SC. (2010) The consequences of predator control for brown hares (*Lepus europaeus*) on UK farmland. *European Journal of Wildlife Research*, **56**: 541–549
 29. Draycott, RAH, Hoodless, AN, Woodburn, MIA & Sage, RB. (2008) Nest predation of Common Pheasants *Phasianus colchicus*. *Ibis*, **150**: 37–44
 30. Sage, RB, Putaala, A, Pradell-ruiz, V, Greenall, TL, Woodburn, MIA & Draycott, RAH. (2003) Incubation success of released hand-reared pheasants *Phasianus colchicus* compared with wild ones. *Wildlife Biology*, **9**: 179–184
 31. Hill, D & Robertson, P. (1988) Breeding Success of Wild and Hand-Reared Ring-Necked Pheasants. *The Journal of Wildlife Management*, **52**: 446–450
 32. Cramp, S, Simmons, K, Gillmour, R, Hollom, P, Hudson, R, Nicholson, E, Ogilvie, M, Olney, P, Roselaar, C, Voous, K, Wallace, D & Wattel, J. (Oxford University Press, 1980). *Handbook of the Birds of Europe, the Middle East and North Africa. The Birds of the Western Palearctic. Volume 2*.
 33. Lever, C. (Hutchinson & Co, 1977). *The Naturalised Animals of the British Isles*.
 34. Green, RE. (1984) Double nesting of the Red-legged Partridge *Alectoris rufa*. *Ibis*, **126**: 332–346
 35. PACEC. (2006). *The Economic and Environmental Impact of Sporting Shooting*.
 36. Anon. (1995). *Biodiversity: The UK Steering Group Report. Volume 2: Action Plans*.
 37. Musgrove, A, Aebischer, N, Eaton, M, Hearn, R, Newson, S, Noble, D, Parsons, M, Risely, K & Stroud, D. (2013) Population estimates of birds in Great Britain and the United Kingdom. *British Birds*, **106**: 64–100
 38. Sanchez-García, C, Perez, JA, Diez, C, Alonso, ME, Bartolome, DJ, Prieto,

References

- R, Tizado, EJ & Gaudioso, VR. (2017) Does targeted management work for red-legged partridges *Alectoris rufa*? Twelve years of the 'Finca de Matallana' demonstration project. *European Journal of Wildlife Research*, **63**: 24
39. Potts, G. (Collins, 2012). *Partridges. Countryside barometer. New Naturalist Library Book 121.*
40. Rands, MRW. (1988) The effect of nest site selection on nest predation in Grey Partridge *Perdix perdix* and Red-legged Partridge *Alectoris rufa*. *Ornis Scandinavica*, **19**: 35–40
41. Green, RE. (1984) The Feeding Ecology and Survival of Partridge Chicks (*Alectoris rufa* and *Perdix perdix*) on Arable Farmland in East Anglia. *The Journal of Applied Ecology*, **21**: 817
42. Potts, GR. (1978) The effects on a partridge population of predator control, insect shortages, different shooting pressures and releasing reared birds. *Game Conservancy Annual Review of 1977*, **9**: 75–83
43. Watson, M, Aebischer, NJ, Potts, GR & Ewald, JA. (2007) The relative effects of raptor predation and shooting on overwinter mortality of grey partridges in the United Kingdom. *Journal of Applied Ecology*, **44**: 972–982
44. Aebischer, NJ & Ewald, JA. (2010) Grey partridge *Perdix perdix* in the UK: Recovery status, set-aside and shooting. *Ibis*, **152**: 530–542
45. Potts, G. (1980) The effects of modern agriculture, nest predation and game management on the population ecology of partridges. *Advances in Ecological Research*, **11**: 1–82
46. Potts, GR. (Collins, 1986). *The Partridge. Pesticides, Predation and Conservation.*
47. Potts, G.R. & Aebischer, NJ. (Oxford University Press, 1991). Modelling the population dynamics of the grey partridge: conservation and management. in *Bird Population Studies: Their Relevance to Conservation and Management* (eds. Perrins, C. M., Lebreton, J. D. & Hiron, G. J. M.) 373–390
48. Massimino, D, Woodward, ID, Hammond, MJ, Harris, SJ, Leech, DI, Noble, DG, Walker, RH, Barimore, C, Dadam, D, Eglington, SM, Marchant, JH, Sullivan, MJP, Baillie, SR & Robinson, RA. (2017). *BirdTrends 2017: trends in numbers, breeding success and survival for UK breeding birds. Research Report 704.*
49. Connor, HE & Draycott, RAH. (2010) Management strategies to conserve the grey partridge: the effect on other farmland birds. *Aspects of Applied Biology*, **100**: 359–363
50. Dover, JW. (1997) Conservation headlands: Effects on butterfly distribution and behaviour. *Agriculture, Ecosystems and Environment*, **63**: 31–49
51. Dover, J, Sotherton, N & Gobbett, K. (1990) Reduced pesticide inputs on cereal field margins: the effects on butterfly abundance. *Ecological Entomology*, **15**: 17–24
52. Sotherton, NW. (1991). Conservation Headlands: a practical combination of intensive cereal farming and conservation. in *Ecology of Temperate Cereal Fields* 373–397
53. Ewald, J, Aebischer, N, Moreby, S & Potts, G. (2015) Changes in the cereal ecosystem on the South Downs of southern England, over the past 45 years. *Aspects of Applied Biology*, **128**: 11–19
54. Potts, G & Aebischer, N. (1995) Population dynamics of the grey partridge *Perdix perdix* 1793–1993: monitoring, modelling and management. *Ibis*, **137**:

S29–S37

55. Aebischer, N & Ewald, J. (2012) The grey partridge in the UK: population status, research, policy and prospects. *Animal Biodiversity and Conservation*, **35**: 353–362
56. Ewald, J, Wheatley, C, Aebischer, N, Moreby, S, Duffield, S, Crick, H & Morecroft, M. (2015) Influences of extreme weather, climate and pesticide use on invertebrates in cereal fields over 42 years. *Global Change Biology*, **21**: 3931–3950
57. Aebischer, NJ & Potts, GR. (1998) Spatial changes in grey partridge (*Perdix perdix*) distribution in relation to 25 years of changing agriculture in Sussex, U.K. *Gibier faune sauvage*, **15**: 293–308
58. Ewald, JA & Aebischer, NJ. (2000) Trends in pesticide use and efficacy during 26 years of changing agriculture in Southern England. *Environmental Monitoring and Assessment*, **64**: 493–529
59. Tapper, S. (1992). *Game Heritage*.
60. Aebischer, NJ, Davey, PD & Kingdon, NG. (2011) National Gamebag Census: Mammal Trends to 2009. Game and Wildlife Conservation Trust Available at: <https://www.gwct.org.uk/research/long-term-monitoring/national-gamebag-census/mammal-bags-comprehensive-overviews/fox/>.
61. Rands, M. (1986) Effect of hedgerow characteristics on partridge breeding densities. *Journal of Applied Ecology*, **23**: 479–487
62. Aebischer, NJ & Ewald, JA. (2004). Managing the UK grey partridge *Perdix perdix* recovery: Population change, reproduction, habitat and shooting. in *Ibis* **146**: 181–191
63. Rands, MRW. (1986) The survival of gamebird (*Galliformes*) chicks in relation to pesticide use on cereals. *Ibis*, **128**: 57–64
64. Tapper, SC, Potts, GR & Brockless, MH. (1996) The effect of an experimental reduction in predation pressure on the breeding success and population density of grey partridges *Perdix perdix*. *The Journal of Applied Ecology*, **33**: 965
65. Siriwardena, GM, Stevens, DK, Anderson, GQA, Vickery, JA, Calbrade, NA & Dodd, S. (2007) The effect of supplementary winter seed food on breeding populations of farmland birds: Evidence from two large-scale experiments. *Journal of Applied Ecology*, **44**: 920–932
66. Stoate, C. (2012) Filling the hungry gap - late-winter supplementary feeding of farmland birds. *Conservation Land Management* **10**:4 p4
67. Parish, DMB & Sotherton, NW. (2007) The fate of released captive-reared grey partridges *Perdix perdix*: implications for reintroduction programmes. *Wildlife Biology*, **13**: 140–149
68. Buner, FD, Browne, SJ & Aebischer, NJ. (2011) Experimental assessment of release methods for the re-establishment of a red-listed galliform, the grey partridge (*Perdix perdix*). *Biological Conservation*, **144**: 593–601
69. Ewald, JA, Kingdon, NG & Santin-Janin, H. (2009). The GWCT Partridge Count Scheme: a volunteer-based monitoring and conservation promotion scheme. in *Gamebird 2006: Quail VI and Perdix XII* 27–37
70. Ewald, JA, Aebischer, NJ, Richardson, SM, Grice, P V. & Cooke, AI. (2010) The effect of agri-environment schemes on grey partridges at the farm level in England. *Agriculture, Ecosystems and Environment*, **138**: 55–63
71. Bence, SL, Stander, K & Griffiths, M. (2003) Habitat characteristics of harvest

References

- mouse nests on arable farmland. *Agriculture, Ecosystems & Environment*, **99**: 179–186
72. Parish, DMB & Sotherton, NW. (2008) Landscape-dependent use of a seed-rich habitat by farmland passerines: Relative importance of game cover crops in a grassland versus an arable region of Scotland. *Bird Study*, **55**: 118–123
73. Buner, FD, Brockless, MH & Aebischer, NJ. (2016) The rotherfield demonstration project. *The GWCT Annual Review*, 32–33
74. Draycott, RAH. (2012) Restoration of a sustainable wild grey partridge shoot in Eastern England. *Animal Biodiversity and Conservation*, **35**: 381–386
75. Ewald, J, Potts, G & Aebischer, N. (2012) Restoration of a wild grey partridge shoot: a major development in the Sussex study, UK. *Animal Biodiversity and Conservation*, **35**: 363–369
76. Southwood, T & Cross, D. (2002) Food Requirements of Grey Partridge *Perdix perdix* Chicks. *Wildlife Biology*, **8**: 175–183
77. Tillmann, J. (2009) Fear of the dark: night-time roosting and anti-predation behaviour in the grey partridge (*Perdix perdix* L.). *Behaviour*, **146**: 999–1023
78. Ford, J, Chitty, H & Middleton, AD. (1938) The food of Partridge chicks (*Perdix perdix*) in Great Britain. *The Journal of Animal Ecology*, **7**: 251–265
79. Rands, M. (1985) Pesticide Use on Cereals and the Survival of Grey Partridge Chicks: A Field Experiment. *Journal of Applied Ecology* **22**: 49–5449
80. Sotherton, NW, Robertson, PA & Dowell, SD. (1993). Manipulating pesticide use to increase the production of wild gamebirds in Britain. in *Quail III: National Quail Symposium* 92–101
81. Stoate, C, Henderson, IG & Parish, DMB. (2004). Development of an agri-environment scheme option: Seed-bearing crops for farmland birds. in *Ibis* **146**: 203–209
82. Parish, D & Sotherton, N. (2004) Game crops as summer habitat for farmland songbirds in Scotland. *Agriculture, Ecosystems and Environment* **104**: 429–438
83. Stoate, C, Szczur, J & Aebischer, NJ. (2003) Winter use of wild bird cover crops by passerines on farmland in northeast England. *Bird Study*, **50**: 15–21
84. Newton, I. (William Collins, 2017). *Farming and Birds*.
85. Robertson, PA. (1992). Woodland Management for Pheasants. *Forestry commission bulletin* 106.
86. Staley, JT, Sparks, TH, Croxton, PJ, Baldock, KCR, Heard, MS, Hulmes, S, Hulmes, L, Peyton, J, Amy, SR & Pywell, RF. (2012) Long-term effects of hedgerow management policies on resource provision for wildlife. *Biological Conservation*, **145**: 24–29
87. Hinsley, S. & Bellamy, P. (2000) The influence of hedge structure, management and landscape context on the value of hedgerows to birds: A review. *Journal of Environmental Management*, **60**: 33–49
88. Walker, MP, Dover, JW, Sparks, TH & Hinsley, SA. (2006) Hedges and green lanes: Vegetation composition and structure. *Biodiversity and Conservation*, doi:10.1007/s10531-005-4879-x
89. Kennedy, CEJ & Southwood, TRE. (1984) The Number of Species of Insects Associated with British Trees: A Re-Analysis. *The Journal of Animal Ecology*, doi:10.2307/4528
90. Dover, J & Sparks, T. (2000) A review of the ecology of butterflies in British hedgerows. *Journal of Environmental Management*, doi:10.1006/

- jema.2000.0361
91. Tillman, PG, Smith, HA & Holland, JM. (2012). Cover Crops and Related Methods for Enhancing Agricultural Biodiversity and Conservation Biocontrol: Successful Case Studies. in *Biodiversity and Insect Pests: Key Issues for Sustainable Management* 309–327 doi:10.1002/9781118231838.ch19
 92. Collins, KL, Boatman, ND, Wilcox, A, Holland, JM & Chaney, K. (2002) Influence of beetle banks on cereal aphid predation in winter wheat. *Agriculture, Ecosystems and Environment*, 93: 337–350
 93. McCall, I. (1988). *Woodlands for Pheasants*.
 94. Forestry Commission. (2017). *Forestry Statistics 2017 Chapter 1: Woodland Areas and Planting*.
 95. Oldfield, TEE, Smith, RJ, Harrop, SR & Leader-Williams, N. (2003) Field sports and conservation in the United Kingdom. *Nature*, 423: 531–3
 96. Duckworth, JC, Firbank, LG, Stuart, RC & Yamamoto, S. (2003) Changes in land cover and parcel size of British lowland woodlands over the last century in relation to game management. *Landscape Research*, 28: 171–182
 97. Ferris, R & Carter, C. (2000). Maintaining Rides, Roadsides and Edge Habitats in Lowland Forests. *Forestry Commission bulletin* 123.
 98. Warren, M & Fuller, R. (1993). *Woodland rides and glade: their management for wildlife*.
 99. Fuller, RJ, Noble, DG, Smith, KW & Vanhinsbergh, D. (2005) Recent declines in populations of woodland birds in Britain: A review of possible causes. *British Birds* 98: 116–143
 100. Mason, CF & Macdonald, SM. (2002) Responses of ground flora to coppice management in an English woodland - A study using permanent quadrats. *Biodiversity and Conservation*, 11: 1773–1789
 101. Fuller, R & Warren, M. (1990). *Coppiced woodlands: their management for wildlife*.
 102. Siriwardena, GM, Calbrade, NA & Vickery, JA. (2008) Farmland birds and late winter food: Does seed supply fail to meet demand? *Ibis*, 150: 585–595
 103. Robertson, P, Woodburn, M & Hill, D. (1993) Factors Affecting Winter Pheasant Density in British Woodlands. *Journal of Applied Ecology*, 30: 459–464
 104. Robertson, PA, Woodburn, MIA, Neutel, W & Bealey, CE. (1993) Effects of Land-Use on Breeding Pheasant Density. *Journal of Applied Ecology*, 30: 465–477
 105. Draycott, RAH, Woodburn, MIA, Carroll, JP & Sage, RB. (2005) Effects of spring supplementary feeding on population density and breeding success of released pheasants *Phasianus colchicus* in Britain. *Wildlife Biology*, 11: 177–182
 106. Draycott, RAH, Hoodless, AN, Ludiman, MN & Robertson, PA. (1998) Effects of Spring Feeding on Body Condition of Captive-Reared Ring-Necked Pheasants in Great Britain. *The Journal of Wildlife Management*, 62: 557
 107. Hoodless, AN, Draycott, RAH, Ludiman, MN & Robertson, PA. (1999) Effects of supplementary feeding on territoriality, breeding success and survival of pheasants. *Journal of Applied Ecology*, 36: 147–156
 108. Fletcher, K, Aebischer, NJ, Baines, D, Foster, R & Hoodless, AN. (2010) Changes in breeding success and abundance of ground-nesting moorland birds in relation to the experimental deployment of legal predator control.

References

- Journal of Applied Ecology*, 47: 263–272
109. Tharme, AP, Green, RE, Baines, D, Bainbridge, IP & O'Brien, M. (2001) The effect of management for red grouse shooting on the population density of breeding birds on heather-dominated moorland. *Journal of Applied Ecology*, 38: 439–457
 110. Robertson, PA. (1988) Survival of released pheasants, *Phasianus colchicus*, in Ireland. *Journal of Zoology*, 214: 683–695
 111. Rickenbach, O, Gruebler, MU, Schaub, M, Koller, A, Naef-Daenzer, B & Schifferli, L. (2011) Exclusion of ground predators improves Northern Lapwing *Vanellus vanellus* chick survival. *Ibis*, 153: 531–542
 112. White, PJC, Stoate, C, Szczur, J & Norris, K. (2008) Investigating the effects of predator removal and habitat management on nest success and breeding population size of a farmland passerine: A case study. *Ibis*, 150: 178–190
 113. White, PJC, Stoate, C, Szczur, J & Norris, K. (2014) Predator reduction with habitat management can improve songbird nest success. *Journal of Wildlife Management*, 78: 402–412
 114. Douglas, DJT, Bellamy, PE, Stephen, LS, Pearce-Higgins, JW, Wilson, JD & Grant, MC. (2014) Upland land use predicts population decline in a globally near-threatened wader. *Journal of Applied Ecology*, 51: 194–203
 115. Malpas, LR, Kennerley, RJ, Hirons, GJM, Sheldon, RD, Ausden, M, Gilbert, JC & Smart, J. (2013) The use of predator-exclusion fencing as a management tool improves the breeding success of waders on lowland wet grassland. *Journal for Nature Conservation*, 21: 37–47
 116. Isaksson, D, Wallander, J & Larsson, M. (2007) Managing predation on ground-nesting birds: The effectiveness of nest enclosures. *Biological Conservation*, 136: 136–142
 117. Cross, A, Perkins, A & Tompkins, D. (2016). *Curlew Country - Nest Monitoring Report Year 2*.
 118. Petrovan, SO, Barrio, IC, Ward, AI & Wheeler, PM. (2011) Farming for pests? Local and landscape-scale effects of grassland management on rabbit densities. *European Journal of Wildlife Research*, 57: 27–34
 119. Morris, AJ & Gilroy, JJ. (2008) Close to the edge: Predation risks for two declining farmland passerines. *Ibis*, 150: 168–177
 120. Šálek, M, Kreisinger, J, Sedláček, F & Albrecht, T. (2009) Corridor vs. hayfield matrix use by mammalian predators in an agricultural landscape. *Agriculture, Ecosystems and Environment*, 134: 8–13
 121. Šálek, M, Kreisinger, J, Sedláček, F & Albrecht, T. (2010) Do prey densities determine preferences of mammalian predators for habitat edges in an agricultural landscape? *Landscape and Urban Planning*, 98: 86–91
 122. Roodbergen, M, van der Werf, B & Hotker, H. (2012) Revealing the contributions of reproduction and survival to the Europe-wide decline in meadow birds: Review and meta-analysis. *Journal of Ornithology* 153: 53–74
 123. Mustin, K, Arroyo, B, Beja, P, Newey, S, Irvine, RJ, Kestler, J & Redpath, SM. (2018) Consequences of game bird management for non-game species in Europe. *Journal of Applied Ecology*, doi:10.1111/1365-2664.13131
 124. Reynolds, JC. (1990) Crow and magpie control: the use of call birds in cage traps. *The Game Conservancy Review*, 21: 48–49
 125. Tapper, SC, Swan, MC & Reynolds, JC. (1991) Larsen traps: a survey of members' results. *The Game Conservancy Review*, 22: 82–86

126. Fokin, S & Blokhin, Y. (2013). Monitoring of the Woodcock population in European Russia (1996-2010). in *Seventh European Woodcock and Snipe Workshop* 29–35
127. Heward, CJ, Hoodless, AN, Conway, GJ, Nicholas, J, Gillings, S & Fuller, RJ. (2015) Current status and recent trend of the Eurasian Woodcock *Scolopax rusticola* as a breeding bird in Britain. *Bird Study*, **3657**: 1–17
128. Lindström, Å, Green, M, Husby, M, Kålås, JA & Lehtikoinen, A. (2015) Large-Scale Monitoring of Waders on Their Boreal and Arctic Breeding Grounds in Northern Europe. *Ardea*, **103**: 3–15
129. Birdlife International. (2016) The IUCN Red List of Threatened Species. Available at: www.iucnredlist.org.
130. Eaton, M, Aebischer, N, Brown, A, Hearn, R, Lock, L, Musgrove, A, Noble, D, Stroud, D & Gregory, R. (2015) Birds of Conservation Concern 4: the population status of birds in the UK, Channel Islands and Isle of Man. *British Birds*, **108**: 708–746
131. Hoodless, AN & Coulson, JC. (1994) Survival rates and movements of British and Continental Woodcock *Scolopax rusticola* in the British Isles. *Bird Study*, **41**: 48–60
132. Heward, CJ, Hoodless, AN, Conway, GJ, Fuller, RJ, MacColl, AD & Aebischer, NJ. Factors affecting the distribution and abundance of Eurasian woodcock (*Scolopax rusticola*) breeding in Britain. *Submitted*,
133. Hoodless, A, Lang, D, Aebischer, N, Fuller, R & Ewald, J. (2009) Densities and population estimates of breeding Eurasian Woodcock *Scolopax rusticola* in Britain in 2003. *Bird Study*, **56**: 15–25
134. Grant, MC, Orsman, C, Easton, J, Lodge, C, Smith, M, Thompson, G, Rodwell, S & Moore, N. (1999) Breeding success and causes of breeding failure of curlew *Numenius arquata* in Northern Ireland. *Journal of Applied Ecology*, **36**: 59–74
135. Baines, D. (1990) The Roles of Predation, Food and Agricultural Practice in Determining the Breeding Success of the Lapwing (*Vanellus vanellus*) on Upland Grasslands. *The Journal of Animal Ecology*, **59**: 915
136. Powell, A. (Oxford, 2012). Origins and non-breeding ecology of Eurasian woodcock.
137. Hoodless, A & Hiron, G. (2007) Habitat selection and foraging behaviour of breeding Eurasian Woodcock *Scolopax rusticola*: a comparison between contrasting landscapes. *Ibis*, **149**: 234–249
138. Joint Nature Conservation Committee. (2015) Scheme to reduce disturbance to waterfowl during severe winter weather. Available at: <http://jncc.defra.gov.uk/page-2894>.
139. Sánchez-García, C, Williams, O & Hoodless, A. (2018) Regulation of body reserves in a hunted wader: implications for cold-weather shooting restrictions. *Journal of Applied Ecology*, 0–2 doi:10.1111/1365-2664.13128
140. Lehtikoinen, A, Jaatinen, K, Vähätalo, A V., Clausen, P, Crowe, O, Deceuninck, B, Hearn, R, Holt, CA, Hornman, M, Keller, V, Nilsson, L, Langendoen, T, Tománková, I, Wahl, J & Fox, AD. (2013) Rapid climate driven shifts in wintering distributions of three common waterbird species. *Global Change Biology*, **19**: 2071–2081
141. Wilson, AM, Ausden, M & Milsom, TP. (2004). Changes in breeding wader populations on lowland wet grasslands in England and Wales: Causes and

References

- potential solutions. in *Ibis* **146**: 32–40
142. The Game Conservancy. (1991). *Wildfowl management on inland waters. Green guide no. 3.*
143. Giles, N. (1992). *Wildlife after Gravel.*
144. Gaetke, LM, Chow-Johnson, HS & Chow, CK. (2014) Copper: toxicological relevance and mechanisms. *Archives of Toxicology*, **88**: 1929–1938
145. EFSA Panel on Contaminants in the Food Chain (CONTAM). (2010) Scientific Opinion on Lead in Food. *The European Food Safety Authority Journal*, **8**: 1570, 1–151
146. National Toxicology Programme. (2012). *NTP Monograph on health effects of low level lead.*
147. European Food Safety Authority. (2012) Lead dietary exposure in the European population. *EFSA Journal*, **10**: 2831
148. Food Standards Agency. (2012). Habits and behaviours of high-level consumers of lead-shot wild-game meat in Scotland. *Ref: J10106.*
149. Food Standards Agency. (2015) Advice to frequent eaters of game shot with lead. Available at: <https://www.food.gov.uk/science/advice-to-frequent-eaters-of-game-shot-with-lead>. (Accessed: 20th February 2018)
150. Iqbal, S, Blumenthal, W, Kennedy, C, Yip, FY, Pickard, S, Flanders, WD, Loring, K, Kruger, K, Caldwell, KL & Jean Brown, M. (2009) Hunting with lead: association between blood lead levels and wild game consumption. *Environmental research*, **109**: 952–959
151. Tavecchia, G, Pradel, R, Lebreton, J-D, Johnson, AR & Mondain-Monval, J-Y. (2001) The effect of lead exposure on survival of adult mallards in the Camargue, southern France. *Journal of Applied Ecology*, **38**: 1197–1207
152. Pain, D, Cromie, R & Green, R. (2014). Poisoning of birds and other wildlife from ammunition-derived lead in the UK. in *Proceedings of the Oxford Lead Symposium* 58–84
153. (1999). *The Environmental Protection (Restriction on Use of Lead Shot) (England) Regulations 1999.*
154. Birkhead, M & Perrins, C. (1985) The breeding biology of the mute swan *Cygnus olor* on the River Thames with special reference to lead poisoning. *Biological Conservation*, **32**: 1–11
155. Potts, GR. (2005) Incidence of ingested lead gunshot in wild grey partridges (*Perdix perdix*) from the UK. *European Journal of Wildlife Research*, **51**: 31–34
156. Butler, D, Sage, R, Draycott, R, ... JC-WS & 2005, U. (2005) Lead exposure in ring-necked pheasants on shooting estates in Great Britain. *Wildlife Society Bulletin*, **33**: 583–589
157. Butler, D. (2005) Incidence of lead shot ingestion in red-legged partridges (*Alectoris rufa*) in Great Britain. *Veterinary Record*, **157**: 661
158. Kreager, N, Wainman, BC, Jayasinghe, RK & Tsuji, LJS. (2008) Lead pellet ingestion and liver-lead concentrations in upland game birds from southern Ontario, Canada. *Archives of Environmental Contamination and Toxicology*, **54**: 331–336
159. Scheuhammer, AM & Norris, SL. (1996) The ecotoxicology of lead shot and lead fishing weights. *Ecotoxicology* **5**: 279–295
160. Pain, DJ, Amiard-Triquet, C, Bavoux, C, Burneleau, G, Eon, L & Nicolao-Guillaumet, P. (1993) Lead poisoning in wild populations of Marsh Harriers

- Circus aeruginosus in the Camargue and Charente-Maritime, France. *Ibis*, **135**: 379–386
161. Pain, DJ, Bavoux, C & Burneleau, G. (1997) Seasonal blood lead concentrations in marsh harriers *Circus aeruginosus* from Charente-Maritime, France: Relationship with the hunting season. *Biological Conservation*, **81**: 1–7
162. Cromie, R, Loram, A & Harradine, J. (2010). *Compliance with the environmental protection (restriction on use of lead shot)(England) regulations 1999*.
163. Laulicht, F, Brocato, J, Cartularo, L, Vaughan, J, Wu, F, Kluz, T, Sun, H, Oksuz, BA, Shen, S, Paena, M, Medici, S, Zoroddu, MA & Costa, M. (2015) Tungsten-induced carcinogenesis in human bronchial epithelial cells. *Toxicology and Applied Pharmacology*, **288**: 33–39
164. Emond, CA, Vergara, VB, Lombardini, ED, Mog, SR & Kalinich, JF. (2015) Induction of Rhabdomyosarcoma by Embedded Military-Grade Tungsten/Nickel/Cobalt Not by Tungsten/Nickel/Iron in the B6C3F1 Mouse. *International Journal of Toxicology*, **34**: 44–54
165. Strigul, N, Koutsospyros, A, Arienti, P, Chemosphere, CC- & 2005, U. (2005) Effects of tungsten on environmental systems. *Chemosphere*, **61**: 248–258
166. Jayasinghe, R, Tsuji, LJS, Gough, WA, Karagatzides, JD, Perera, D & Nieboer, E. (2004) Determining the background levels of bismuth in tissues of wild game birds: a first step in addressing the environmental consequences of using bismuth shotshells. *Environmental Pollution*, **132**: 13–20
167. Bush, K, Courvalin, P, Dantas, G, Davies, J, Eisenstein, B, Huovinen, P, Jacoby, GA, Kishony, R, Kreiswirth, BN, Kutter, E, Lerner, SA, Levy, S, Lewis, K, Lomovskaya, O, Miller, JH, Mobashery, S, Piddock, LJV, Projan, S, Thomas, CM, Tomasz, A, Tulkens, PM, Walsh, TR, Watson, JD, Witkowski, J, Witte, W, Wright, G, Yeh, P & Zgurskaya, HI. (2011) Tackling antibiotic resistance. *Nature Reviews Microbiology* **9**: 894–896
168. Borriello, S. (2017). *UK – Veterinary Antibiotic Resistance and Sales Surveillance Report 2016*.
169. ruma. (2017). *Targets Task Force Report*.
170. Robertson, GS, Aebischer, NJ & Baines, D. (2017) Using harvesting data to examine temporal and regional variation in red grouse abundance in the British uplands. *Wildlife Biology*, 2017:
171. Newey, S, Willebrand, T, Haydon, DT, Dahl, F, Aebischer, NJ, Smith, AA & Thirgood, SJ. (2007) Do mountain hare populations cycle? *Oikos*, **116**: 1547–1557
172. Aebischer, NJ. (Blackwell Publishing Ltd, 2009). Gamebird science, agricultural policy and biodiversity conservation in lowland areas of the UK. in *Recreational Hunting, Conservation and Rural Livelihoods - Science and Practice* (eds. Dickson, B., Hutton, J. & Adams, W. M.) 197–211
173. Tapper, S. (1999). *A Question of Balance*.