Additional file 6

References included in the systematic map database

Reference
1. Aavik, T. and Liira J. "Quantifying the effect of organic farming, field boundary type and landscape structure on the vegetation of field boundaries." Agriculture, Ecosystems & Environment 135(3): 178-186.
2. Adamson, H. F., Critchley, C. N. R. & Moon, A. E. (2004). Vegetation change on an upland organic livestock unit in the north East of England from 1992-2001. In: Hopkins A (ed) Organic farming : science and practice for profitable livestock and cropping ; proceedings of the BGS/AAB/COR Conference ; held at the Harper Adams University College, Newport, Shropshire, UK, 20-22 April 2004. Reading : British Grassland Soc, pp 92-95
3. Albrecht, H. and Mattheis, A. (1998). "The effects of organic and integrated farming on rare arable weeds on the Forschungsverbund Agrarokosysteme Munchen (FAM) research station in southern Bavaria." Biological Conservation 86: 347-356.
4. Albrecht, M., Duelli, P., Muller, C., Kleijn, D. & Schmidt, B. (2007). "The Swiss agri-environment scheme enhances pollinator diversity and plant reproductive success in nearby intensively managed farmland." Journal of Applied Ecology 44(4): 813-822.
5. Albrecht, M., Schmid, B., Obrist, M. K., Scupbach, B., Kleijn, D. & Duelli, P. (2010) "Effects of ecological compensation meadows on arthropod diversity in adjacent intensively managed grassland." Biological Conservation 143(3): 642-649.
6. Alebeek, F. v., Kamstra, J. H., Kruistum, G. v. & Visser, A. (2006). Improving natural pest suppression in arable farming: field margins and the importance of ground dwelling predators. Bulletin OILB/SROP 29(6):137-140.
7. Alebeek, F. v., Wiersema, M. Rijn, P. v., Wäckers, F., Belder, E. d., Willemse, J. & Gurp, H. v. (2006). A region-wide experiment with functional agrobiodiversity (FAB) in arable farming in the Netherlands. Bulletin OILB/SROP 29(6):141-144.
8. Alhmedi, A., Haubruge, E., Bodson, B. & Francis, F. (2007). "Aphidophagous guilds on nettle (Urtica dioica) strips close to fields of green pea, rape and wheat." Insect Science 14: 419-424.
9. Alvarez, T. (1999) Epigeal Collembola in arable fields their ecology in relation to the effects of pesticides. Southampton. Ph.D.
10. Alvarez, T., Frampton, G. K. & Goulson, D. (2001). "Epigeic Collembola in winter wheat under organic, integrated and conventional farm management regimes." Agriculture, Ecosystems & Environment 83(1/2): 95-110.
11. Ammer, U., Utschick, H. & Anton, H. (1988). "Effects of organic and conventional farming on flora and fauna." Forstwissenschaftliches Centralblatt 107(5): 274-291.
12. Andersen, A. & Eltun, R. (2000). "Long-term developments in the carabid and staphylinid (Col., Carabidae and Staphylinidae) fauna during conversion from conventional to biological farming." Journal of Applied Entomology-Zeitschrift Fur

Reference
Angewandte Entomolo
13. Anon (1994). "Bee pasture for fallow arable areas. Results from field trials 1992 and 1993 with Tubingen mixture." 156 pp.
14. Aquilina, R., Williams, P., Nicolet, P., Stoate, C. & Bradbury, R. (2007). "Effect of wetting-up ditches on emergent insect numbers." Aspects of Applied Biology (81): 261-262.
15. Armstrong, G. (1995). "Carabid Beetle (Coleoptera, Carabidae) Diversity and Abundance in Organic Potatoes and Conventionally Grown Seed Potatoes in the north of Scotland." Pedobiologia 39(3): 231-237.
16. Aschwanden, J., Holzgang, O. & Jenni, L. (2007). "Importance of ecological compensation areas for small mammals in intensively farmed areas." Wildlife Biology 13(2): 150-158.
17. Askew, N. P., Searle, J.B. & Moore, N.P.(2007). "Agri-environment schemes and foraging of barn owls Tyto alba." Agriculture, Ecosystems & Environment 118(1-4): 109-114.
18. Asteraki, E. J., Hart, B. J., Ings, T. C. & Manley, W. J.(2004). "Factors influencing the plant and invertebrate diversity of arable field margins." Agriculture, Ecosystems & Environment 102(2): 219-231.
19. Atkinson, P. W., Asteraki, E. J., Conway, G. J., Fuller, R. J., Goodyear, J., Smith, R. E. N, Tallowin, J. R. B. & Vickery, J. A.(2002). Use of grassland by wintering birds: effects of management on their food resources. BGS Occasional Symposium no.36. Re
20. Atkinson, P. W., Fuller, R. J., Vickery, J. A., Conway, G. J., Tallowin, J. R. B., Smith, R. E. N., Haysom, K. A., Ings, T. C., Asteraki, E. J. & Brown, V. K. (2005). "Influence of agricultural management, sward structure and food resources on grassland f
21. Aude, E., Tybirk, K. & Pedersen, M. B. (2003). "Vegetation diversity of conventional and organic hedgerows in Denmark." Agriculture, Ecosystems & Environment 99(1/3): 135-147.
22. Aude, E., Tybirk, K., Michelsen, A., Ejrnaes, R., Hald, A. B. & Mark, S. (2004). "Conservation value of the herbaceous vegetation in hedgerows - does organic farming make a difference?" Biological Conservation 118(4): 467-478.
23. Ausden, M., Sutherland, W. J. & James, R. (2001). "The effects of flooding lowland wet grassland on soil macroinvertebrate prey of breeding wading birds." Journal of Applied Ecology 38(2): 320-338.
24. Aviron, S., Berner, D., Bosshart, S., Buholzer, S., Herzog, F., Jeanneret, P., Klaus, I., Pozzi, S., Schneider, K., Schupbach, B. & Walter, T. (2005). “Butterfly diversity in Swiss grasslands: respective impacts of low-input management, landscape features and region.”Grassland Science in Europe 10: 340-343.
25. Aviron, S., Jeanneret, P., Schupbach, B. & Herzog, F.(2007). "Effects of agri-environmental measures, site and landscape conditions on butterfly diversity of Swiss grassland." Agriculture, Ecosystems & Environment 122(3): 295-304.

Reference
26. Aviron, S., Nitsch, H., Jeanneret, P., Buholzer, S., Luka, H., Pfiffner, L., Pozzi, S., Schupbach, B., Walter, T. & Herzog, F. (2009). "Ecological cross compliance promotes farmland biodiversity in Switzerland." Frontiers in Ecology and the Environment 7(5): 247-252.
27. Baars, T. (2002). Botanical diversity of conventional and organic pastures in relation to mineral inputs. Grassland Science in Europe Volume 7. Versailles cedex, Organizing Committee of the European Grassland Federation: 760-761.
28. Backman, J. P. C. and Tiainen, J. (2002). "Habitat quality of field margins in a Finnish farmland area for bumblebees (Hymenoptera: Bombus and Psithyrus)." Agriculture, Ecosystems & Environment 89(1-2): 53-68.
29. Baguette, M. and Hance, T. (1997). "Carabid beetles and agricultural practices: Influence of soil ploughing." Biological Agriculture & Horticulture 15(1-4): 185-190.
30. Baines, D. (1989). "The effects of improvement of upland, marginal grasslands on the breeding success of Lapwings Vanellus vanellus and other waders." Ibis 131(4): 497-506.
31. Baines, M., Hambler, C., Johnson, P. J., Macdonald, D. W. & Smith, H. (1998). "The effects of arable field margin management on the abundance and species richness of Araneae (spiders)." Ecography 21(1): 74-86.
32. Baldi, A., Batary, P. & Erdos, S. (2005). "Effects of grazing intensity on bird assemblages and populations of Hungarian grasslands." Agriculture Ecosystems & Environment 108(3): 251-263.
33. Balezentiene, L. (2008). "Organic and intensive farming impact on phytodiversity." Vagos(79): 30-36.
34. Bardgett, R. D., Frankland, J. C. & Whittaker, J. B. (1993). "The effects of agricultural management on the soil biota of some upland grasslands." Agriculture, Ecosystems & Environment 45(1-2): 25-45.
35. Barker, A. M. and Reynolds, C. J. M. (1999). "The value of planted grass field margins as a habitat for sawflies and other chick-food insects." Conference held at Leicester, UK, 20-22 September 1999 [edited by Boatman, N. D.; Davies, D. H. K.; Chaney, K.; Feber, R.; Snoo, G.R. de; Sparks, T. H.]
36. Barnett, P. R., Whittingham, M. J., Bradbury, R. B. & Wilson, J. D. (2004). "Use of unimproved and improved lowland grassland by wintering birds in the UK." Agriculture, Ecosystems & Environment 102(1): 49-60.
37. Barthel, J. and Plachter, H. (1996). "Significance of field margins for foliage-dwelling spiders (Arachnida, Araneae) in an agricultural landscape of Germany." Hors serie(1): 45-59.
38. Batary, P., Báldi, A. & Erdos, S. (2007). "The effects of using different species conservation priority lists on the evaluation of habitat importance within Hungarian grasslands." Bird Conservation International 17(1): 35-43.
39. Batary, P., Báldi, A. & Erdos, S. (2007). "Local and landscape effects on bird assemblages of grasslands in the Hungarian Great Plain." Helyi és tájszerkezeti hatások alföldi gyepek madárközösségeire.(no.13): 241-248.
40. Batary, P., Báldi, A., Samu, F., Szuts, T. & Erdos, S. (2008). "Are spiders reacting to

Reference
local or landscape scale effects in Hungarian pastures?" Biological Conservation 141(8): 2062-2070.
41. Batary, P., Baldi, A., Saropataki, M., Kohler, F., Verhulst, J., Knop, E., Herzog, F. & Kleijn, D. (2010) "Effect of conservation management on bees and insect-pollinated grassland plant communities in three European countries." Agriculture Ecosystems & Environment 136: 35-39
42. Batary, P., Baldi, A., Szel, G., Podlussany, A., Rozner, I. & Erdos, S. (2007). "Responses of grassland specialist and generalist beetles to management and landscape complexity." Diversity and Distributions 13(2): 196-202.
43. Batary, P., Kovacs, A. & Baldi, A. (2008). "Management effects on carabid beetles and spiders in Central Hungarian grasslands and cereal fields." Community Ecology 9(2): 247-254.
44. Batary, P., Orci, K. M., Baldi, A., Kleijn, D., Kisbenedek, T. & Erdos, S. (2007). "Effects of local and landscape scale and cattle grazing intensity on Orthoptera assemblages of the Hungarian Great Plain." Basic and Applied Ecology 8(3): 280-290.
45. Bates, F. S. and Harris, S. (2009). "Does hedgerow management on organic farms benefit small mammal populations?" Agriculture, Ecosystems & Environment 129(1/3): 124-130.
46. Belfrage, K., Bjorklund, J. & Salomonsson, L. (2005) The effects of farm size and organic farming on diversity of birds, pollinators and plants in Swedish landscapes. Ambio 34(8) 582-588
47. Bell, J. R., Gates, S., Haughton, A. J., Macdonald, D. W., Smith, H., Wheater, C. P. & Cullen, W. R. (1999). "Pseudoscorpions in field margins: Effects of margin age, management and boundary habitats." Journal of Arachnology 27(1): 236-240.
48. Bell, J. R., Johnson, P. J. Hambler, C., Haughton, A. J., Smith, H., Feber, R. E., Tattersall, F. H., Hart, B. H., Manley, W. & Macdonald, D. W. (2002). "Manipulating the abundance of Lepthyphantes tenuis (Araneae: Linyphiidae) by field margin management." Agriculture Ecosystems and Environment 93 (1-3): 295-304.
49. Bence, S. L., Stander, K. & Griffiths, M. (1999). "Nest site selection by the harvest mouse (Micromys minutus) on arable farmland." Aspects of Applied Biology (54): 197-202.
50. Bence, S. L., Stander, K. & Griffiths, M. (2003). "Habitat characteristics of harvest mouse nests on arable farmland." Agriculture Ecosystems & Environment 99(1-3): 179-186.
51. Berg, A., Jonsson, M., Lindberg, T. & Kallebrink, K. G. (2002). "Population dynamics and reproduction of northern Lapwings Vanellus vanellus in a meadow restoration area in central Sweden." Ibis 144(3): E131-E140.
52. Birkhofer, K., Fliessbach, A., Wise, D. H. & Scheu, S. (2008). "Generalist predators in organically and conventionally managed grass-clover fields: implications for conservation biological control." Annals of Applied Biology 153(2): 271-280.
53. Birrer, S., Spiess, M., Herzog, F., Jenny, M., Kohli, L. & Lugrin, B. (2007). "The Swiss agri-environment scheme promotes farmland birds: but only moderately." Journal of Ornithology 148: 295-303.

Reference
54. Bisang, I., Bergamini, A. & Lienhard, L. (2009). "Environmental-friendly farming in Switzerland is not hornwort-friendly." Biological Conservation 142(10): 2104-2113.
55. Blackburn, J. and Wallace, A. (2001). "Comparative abundance of centipedes on organic and conventional farms, and its possible relation to declines in farmland bird populations." Basic and Applied Ecology 2(4): 373-381.
56. Blomqvist, M. M., Tamis, W. L. M. & de Snoo, G. R. (2009). "no improvement of plant biodiversity in ditch banks after a decade of agri-environment schemes." Basic and Applied Ecology 10(4): 368-378.
57. Boatman, N. D. & Bence, S. L. (2000). "Management of set-aside to enhance biodiversity: the wild bird cover option." (62): 73-78. In: Cook, S.K., Cormack, W.F., Green, M., Holland, J.M., Leake, A.R. & Welsh, J.P. (eds) Farming Systems for the New Millenium
58. Boatman, N. D. & Stoate, C. (2002). Growing crops to provide food for seed-eating farmland birds in winter.Aspects of Applied Biology 67, pp. 229–233
59. Booij, C. & Noorlander, J. (1992). "Farming systems and insect predators." Agriculture, Ecosystems and Environment 40(1-4): 125-135.
60. Bosshard, A. & Kuster, D. (2001). "The significance of restored flower-rich hay meadows on set-aside land for butterflies and grasshoppers." Agrarforschung 8(7): 252-257.
61. Boutin, C., Baril, A. & Martin, P. A. (2008). "Plant diversity in crop fields and woody hedgerows of organic and conventional farms in contrasting landscapes." Agriculture, Ecosystems & Environment 123(1-3): 185-193.
62. Bracken, F. & Bolger, T. (2006). "Effects of set-aside management on birds breeding in lowland Ireland." Agriculture, Ecosystems & Environment 117(2/3): 178-184.
63. Bracken, F. (2004) The diversity of birds and butterflies in Irish lowland landscapes with special reference to the effects of set-aside management on birds in the breeding season. University College Dublin. Ph.D.
64. Bradbury, R. B., Bailey, C. M., Wright, D. & Evans, A. D. (2008). "Wintering Cirl Buntings Emberiza cirlus in southwest England select cereal stubbles that follow a low-input herbicide regime: birds selected stubbles preceded by crops with reduced pesticide inputs over those grown conventionally." Bird study 55(1): 23-31
65. Bradbury, R. B., Browne, S. J., Stevens, D. K. & Aebischer, N. J. (2004). "Five-year evaluation of the impact of the Arable Stewardship Pilot Scheme on birds." 146(Suppl.2): 171-180.
66. Bradbury, R. B., Kyrkos, A., Morris, A. J., Clark, S. C., Perkins, A. J. & Wilson, J. D. (2000). "Habitat associations and breeding success of yellowhammers on lowland farmland." Journal of Applied Ecology 37: 789-805.
67. Breeuwer, A., Berendse, F., Willems, F., Foppen, R., Teunissen, W., Schekkerman, H. & Goedhart, P. (2009). "Do meadow birds profit from agri-environment schemes in Dutch agricultural landscapes?" Biological Conservation 142(12): 2949-2953.
68. Brenchley, A. (1984) Regional variations in the breeding distribution of the rook (Corvus f. Frugilegus L.) in relation to differing agriculttural regimes within Great Britain. Aberdeen. Ph.D.

Reference
69. Brennan, A., Fortune, T. & Bolger, T. (2006). "Collembola abundances and assemblage structures in conventionally tilled and conservation tillage arable systems." Pedobiologia 50(2): 135-145.
70. Brickle, N. W. & Harper, D. G. C. (2000). Habitat use by Corn Buntings Miliaria calandra in winter and summer. Ecology and Conservation of Lowland Farmland Birds. N. J. Aebischer, A. D. Evans, P. V. Grice and J. A. Vickery. Tring, British Ornithologists Union Spring Conference 27-28 March 1999
71. Brickle, N. W., Harper, D. G. C., Aebischer, N. J. & Cockayne, S. H. (2000). "Effects of agricultural intensification on the breeding success of corn buntings Miliaria calandra." Journal of Applied Ecology 37(5): 742-755.
72. Briner, T.,Nentwig, W. & Airoldi, J. P. (2005). "Habitat quality of wildflower strips for common voles (Microtus arvalis) and its relevance for agriculture." Agriculture Ecosystems & Environment 105(1-2): 173-179.
73. Britschgi, A., Spaar, R. & Arlettaz, R. (2006). "Impact of grassland farming intensification on the breeding ecology of an indicator insectivorous passerine, the Whinchat Saxicola rubetra: lessons for overall Alpine meadowland management." Biological Cons
74. Bro, E., Mayot, P., Corda, E. V. E. & Reitz, F. (2004). "Impact of habitat management on grey partridge populations: assessing wildlife cover using a multisite BACI experiment." Journal of Applied Ecology 41(5): 846-857.
75. Brown, N. J. (2001) Carabid ecology in organic and conventional farming systems: population density, diversity and high resolution spatial dynamics. Bristol. Ph.D.
76. Brown, R. W. (1999). "Margin/field interfaces and small mammals." Aspects Appl. Biol. 54 (1999), pp. 203-206 (54): 203-206.
77. Browne S. J. & Aebischer, N. J. Arable Stewardship: Impact of the Pilot Scheme on Grey Partridge and Brown Hare after Five Years. Final report.
78. Bruus, M., Aude, E. & Tybirk, K. (2004). Hedgerow flora and insect fauna on organic and conventional farms, Tjele, Danmarks JordbrugsForskning.
79. Buckingham, D. & Peach, W. (2006). "Leaving final-cut grass silage in situ overwinter as a seed resource for declining farmland birds." Biodiversity and Conservation 15: 3827-3845.
80. Buckingham, D. L. (2005) The effects of food abundance, sward structure and management on foraging by yellowhammers on agricultural grasslands. Reading. Ph.D.
81. Buckingham, D. L., Evans, A. D., Morris, A. J., Orsman, C. J. & Yaxley, R. (1999). "Use of set-aside land in winter by declining farmland bird species in the UK." Bird Study 46: 157-169.
82. Buckingham, D. L., Peach, W. J. & Fox, D. S. (2006). "Effects of agricultural management on the use of lowland grassland by foraging birds." Agriculture, Ecosystems & Environment 112(1): 21-40.
83. Butler, S. J. (2004) Stubble field prescriptions for farmland birds - the role of sward structure in mediating food availability. Oxford D. Phil.

Reference
84. Butler, S., Bradbury, R. B. & Whittingham, M. J. (2005). "Stubble height affects the use of stubble fields by farmland birds." Journal of Applied Ecology 42(3): 469-476.
85. Caballero-López, B., Blanco-Moreno, J. M., Pérez, N., Pujade-Villar, J.,Ventura, D., Oliva, F. & Sans, F. X. (2010) "A functional approach to assessing plant-arthropod interaction in winter wheat." Agriculture, Ecosystems & Environment 137(3-4): 288-293.
86. Canters, K. J. & Tamis, W. L. M. (1999). "Arthropods in grassy field margins in the Wieringermeer: Scope, population development and possible consequences for farm practice." Landscape and Urban Planning 46(1-3): 63-69.
87. Capowiez, Y.,Cadoux, S., Bouchant, P., Ruy, S., Roger-Estrade, J., Richard, G. & Boizard, H. (2009). "The effect of tillage type and cropping system on earthworm communities, macroporosity and water infiltration." Soil and Tillage Research 105(2): 209-21
88. Carreck, N. & Williams, I. (2002). "Food for insect pollinators on farmland: insect visits to flowers of annual seed mixtures." Journal of Insect Conservation 6(1): 13-23.
89. Carreck, N. L., Williams, I. H. & Oakley, J. N. (1999). "Enhancing farmland for insect pollinators using flower mixtures." Aspects of Applied Biology (54): 101-108.
90. Carvell, C. (2002). "Habitat use and conservation of bumblebees (Bombus spp.) under different grassland management regimes." Biological Conservation 103(1): 33-49.
91. Carvell, C. (2006) Bumblebee habitat restoration in the agricultural landscape. Southampton. Ph.D.
92. Carvell, C., Meek, W. R., Pywell, R. F. & Nowakowski, M. (2004). "The response of foraging bumblebees to successional change in newly created arable field margins." Biological Conservation 118(3): 327-339.
93. Carvell, C., Meek, W.R., Pywell, R.F., Goulson, D. & Nowakowski, M. (2007). "Comparing the efficacy of agri-environment schemes to enhance bumble bee abundance and diversity on arable field margins." Journal of Applied Ecology 44(1): 29-40.
94. Carvell, C., Westrich, P., Meek, W. R., Pywell, R. F. & Nowakowski, M. (2006). "Assessing the value of annual and perennial forage mixtures for bumblebees by direct observation and pollen analysis." Apidologie 37: 326-340.
95. Cauwer, B. d., Reheul, D., D'Hooghe, K., Nijs, I. & Milbau, A. (2006). "Disturbance effects on early succession of field margins along the shaded and unshaded side of a tree lane." Agriculture, Ecosystems & Environment 112(1): 78-86.
96. Cauwer, B. d., Reheul, D., Nijs, I. & Milbau, A. (2005). "Biodiversity and agro-ecology in field margins." Communications in Agricultural and Applied Biological Sciences 70(1): 17-49.
97. Chabert, A. & Beaufreton, C. (2005). "Impact of some agricultural practices on carabidae beetles." Bulletin OILB/SROP 28(6): 101-109.
98. Chamberlain, D. E. & Wilson, J. D. (2000). The contribution of hedgerow structure to the value of organic farms to birds. Ecology and Conservation of Lowland Farmland Birds. N. J. Aebischer, A. D. Evans, P. V. Grice and J. A. Vickery. Tring, British

Reference
Ornithologists Union Spring Conference March 27-28 1999
99. Chamberlain, D. E., Joys, A., Johnson, P. J., Norton, L., Feber, R. E. & Fuller, R. J. (2010) "Does organic farming benefit farmland birds in winter?" Biology Letters 6(1): 82-84.
100. Chamberlain, D. E., Vickery, J. A., Marshall, E. J. P. & Tucker, G. M. (2001). The effect of hedgerow characteristics on the winter hedgerow bird community. Aberdeen, International Association for Landscape Ecology (IALE(UK)): 197-206.
101. Chamberlain, D. E., Wilson, J. D. & Fuller, R. J. (1999). "A comparison of bird populations on organic and conventional farm systems in southern Britain." Biological Conservation 88(3): 307-320.
102. Chamberlain, D., Gough, S., Anderson, G., Macdonald, M., Grice, P. & Vickery, J. (2009). "Bird use of cultivated fallow 'Lapwing plots' within English agri-environment schemes." Bird Study 56: 289-297.
103. Chapple, D. G., Wade, D. R., Laverick, R. M. & Eldridge, P. J. (2002). Whole farm integrated management and farmland birds. Aspect of Applied Biology 67:129-134.
104. Chateil, C., Abadie, J. C., Gachet, S., Machon, N. & Porcher, E. (2007). Can agri-environmental measures benefit plant biodiversity? An experimental test of the effects of agri-environmental measures on weed diversity. Paris, Association Nationale pour la Protection des Plants.
105. Cilgi, T. & Frampton, G. K. (1994). "Arthropod populations under current and reduced-input pesticide regimes: results from the first four treatment years of the MAFF "SCARAB" British Crop Protection Council, BCPC Publicationsproject." 2: 653-660.
106. Cilgi, T. (1994) Effects of pesticides on non-target invertebrates in arable crops and field boundaries. Southampton. Ph.D.
107. Clarke, J. H., Jones, N. E., Hill, D. A. & Tucker, G. M. (1997). The management of set-aside within a farm and its impact on birds. 1997 Brighton Crop Protection Conference - Weeds, Conference Proceedings Vols 1-3: 1179-1184.
108. Clough, Y., Holzschuh, A., Gabriel, D., Purtauf, T., Kleijn, D., Kruess, A., Steffan-Dewenter, I. & Tscharntke, T. (2007). "Alpha and beta diversity of arthropods and plants in organically and conventionally managed wheat fields." Journal of Applied Ecology 44 (4): 804-812
109. Clough, Y., Kruess, A. & Tscharntke, T. (2007). "Organic versus conventional arable farming systems: functional grouping helps understand staphylinid response." Agriculture, Ecosystems & Environment 118(1/4): 285-290.
110. Clough, Y., Kruess, A., Kleijn, D. & Tscharntke, T. (2005). "Spider diversity in cereal fields: comparing factors at local, landscape and regional scales." Journal of Biogeography 32(11): 2007-2014.
111. Cole, L. J., McCracken, D. I., Baker, L. & Parish, D. (2007). "Grassland conservation headlands: their impact on invertebrate assemblages in intensively managed grassland." Agriculture, Ecosystems & Environment 122(2): 252-258.
112. Cole, L. J., McCracken, D. I., Dennis, P., Downie, I. S., Griffin, A. L., Foster, G.

Reference
N., Murphy, K. J. & Waterhouse, T. (2002). "Relationships between agricultural management and ecological groups of ground beetles (Coleoptera: Carabidae) on Scottish farmland" Agriculture, Ecosystems and Environment 93 (1-3): 323-336
113. Cole, L. J., Morton, R., Harrison, W., McCracken, D. I. & Robertson, D. (2008). "The influence of riparian buffer strips on carabid beetle (Coleoptera, Carabidae) assemblage structure and diversity in intensively managed grassland fields." Biodiversity and Conservation 17 (9): 2233-2245
114. Cole, L. J., Pollock, M. L., Robertson, D., Holland, J. P. & McCracken, D. I. (2006). "Carabid (Coleoptera) assemblages in the Scottish uplands: the influence of sheep grazing on ecological structure." Entomologica Fennica 17(3): 229-240.
115. Cole, L. J., Pollock, M. L., Robertson, D., Holland, J.P., McCracken, D. I. & Harrison, W. (2010)"The influence of fine-scale habitat heterogeneity on invertebrate assemblage structure in upland semi-natural grassland." Agriculture, Ecosystems & Environment 136 (1-2): 69-80
116. Collins, K. L., Boatman, N. D., Wilcox, A. & Holland, J. M. (2003). "Effects of different grass treatments used to create overwintering habitat for predatory arthropods on arable farmland." Agriculture, Ecosystems and Environment 96: 59-67.
117. Cordeau, S., Meiss, H. & Boursault, A. (2009). Sown field margin strips: what flora, what seed predators, what weed seed predation? Alfortville, Association Fran§aise de Protection des Plantes (AFPP): 50-59.
118. Cortet, J., Ronce, D., Poinsot-Balaguer, N., Beaufreton, C., Chabert, A., Viaux, P. & Fonseca, J. P. C. d. (2002). "Impacts of different agricultural practices on the biodiversity of microarthropod communities in arable crop systems." European Journal of Soil Biology 38(3) 239-244
119. Cowgill, S. E. (1991) The foraging ecology of hoverflies and the potential for manipulating their distribution on farmland. Southampton. Ph.D.
120. Critchley, C. N. R. & Fowbert, J. A. (2000). "Development of vegetation on set-aside land for up to nine years from a national perspective." Agriculture, Ecosystems & Environment 79(2/3): 159-174.
121. Critchley, C. N. R., Fowbert, J. A. & Sherwood, A. J. (2006). "The effects of annual cultivation on plant community composition of uncropped arable field boundary strips." Agriculture, Ecosystems & Environment 113(1-4): 196-205.
122. Critchley, C. N. R., Fowbert, J. A. & Wright, B. (2007). "Dynamics of species-rich upland hay meadows over 15 years and their relation with agricultural management practices." Applied Vegetation Science 10(3): 307-314.
123. Critchley, C. N. R., Fowbert, J. A., Sherwood, A. J. & Pywell, R. F. (2006). "Vegetation development of sown grass margins in arable fields under a countrywide agri-environment scheme." Biological Conservation 132(1): 1-11.
124. Critchley, C. N. R., Hodkinson, D. J. & McKenzie, S. E. (1999). "Potential benefits to water voles (Arvicola terrestris) of waterside buffer strips in an agri-environment scheme." Aspects of Applied Biology(no. 54): 179-184.
125. Critchley, C. N. R., Martin, D., Fowbert, J. A. & Wright, B. (2007). Providing

Reference
the evidence base to improve the efficacy of management guidelines for upland hay meadows. British Grassland Society Occasional Symposium no.38. Reading, British Grassland Society
126. Critchley, C. N. R., Walker, K. J., Pywell, R. F. & Stevenson, M. J. (2007). The contribution of English agri-environment schemes to botanical diversity in arable field margins.
127. Critchley, C., Allen, D. S., Fowbert, J. A., Mole, A. C. & Gundrey, A. L. (2004). "Habitat establishment on arable land: assessment of an agri-environment scheme in England, UK." Biological Conservation 119(4): 429-442.
128. Croxton, P. J. & T. H. 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(1/3): 437-439.
129. Croxton, P. J., Carvell, C., Mountford, J. O. & Sparks, T. H. (2002). "A comparison of green lanes and field margins as bumblebee habitat in an arable landscape." Biological Conservation 107(3): 365-374.
130. Croxton, P. J., Hann, J. P., Greatorex-Davies, J. N. & Sparks, T. H. (2005). "Linear hotspots? The floral and butterfly diversity of green lanes." Biological Conservation 121(4): 579-584.
131. Cunningham, H. M. (2004) The effect of non-inversion tillage on farmland birds, soil and surface-active invertebrates and surface seeds. Open University Ph.D.
132. Cunningham, H. M., Bradbury, R. B., Chaney, K. & Wilcox, A. (2005). "Effect of non-inversion tillage on field usage by UK farmland birds in winter: Capsule Several guilds of wintering farmland birds showed preferences for cereal fields established by non-inversion tillage, rather than ploughing." Bird Study 52: 173-179
133. Cunningham, H. M., Chaney, K. & Wilcox, A. (2003). non-inversion tillage and farmland birds in winter. Bcpc International Congress Crop Science & Technology 2003, Vol 1 and 2, Congress Proceedings. Farnham, British Crop Protection Council: 533-536.
134. Cunningham, H. M., Chaney, K., Wilcox, A. & Bradbury, R. (2002). "The effect of non-inversion tillage on earthworm and arthropod populations as potential food sources for farmland birds." (67): 101-106.
135. Curry, J. P., Doherty, P., Purvis, G. & Schmidt, O. (2008). "Relationships between earthworm populations and management intensity in cattle-grazed pastures in Ireland." Applied Soil Ecology 39(1): 58-64.
136. Dahms, H., Mayr, S., Birkhofer, K., Chauvat, M., Melnichnova, E., Wolters, V. & Dauber, J. (2010) "Contrasting diversity patterns of epigeic arthropods between grasslands of high and low agronomic potential." Basic and Applied Ecology 11(1): 6-14.
137. Dauber, J., Purtauf, T., Allspach, A., Frisch, J., Voigtlander, K. & Wolters, V. (2005). "Local vs. landscape controls on diversity: a test using surface-dwelling soil macroinvertebrates of differing mobility." Global Ecology and Biogeography 14(3): 213-2
138. De la Pena, N. M., Butet, A., Delettre, Y., Paillat, G., Morant, P., Le Du, L. &

Reference
Burel, F. (2003). "Response of the small mammal community to changes in western French agricultural landscapes." Landscape Ecology 18(3): 265-278.
139. De Snoo, G. R. (1996). Enhancement of non-target insects: Indications about dimensions of unsprayed crop edges. Arthropod Natural Enemies in Arable Land II-Survival, Reproduction and Enhancement. K. Booij and L. denNijs. (Oxford, Aarhus University Press)
140. De Snoo, G. R. (1997). "Arable flora in sprayed and unsprayed crop edges." Agriculture, Ecosystems and Environment 66: 223-230.
141. De Snoo, G. R. (1999). "Unsprayed field margins: effects on environment, biodiversity and agricultural practice." Landscape and Urban Planning 46: 151-160.
142. De Snoo, G. R. d. & Leeuw, J. D. (1996). "non-target insects in unsprayed cereal edges and aphid dispersal to the adjacent crop." Journal of Applied Entomology 120(8): 501-504.
143. De Snoo, G. R., Dobbelstein, R. T. J. M. & Koelewijn, S. (1994). Effects of unsprayed crop edges on farmland birds. Field Margins: Integrating Agriculture and Conservation. British Crop Protection Council Monograph Series 58: 211–226
144. Dennis, P. & Fry, G. L. A. (1992). "Field margins: can they enhance natural enemy population densities and general arthropod diversity on farmland?" Agriculture, Ecosystems & Environment 40(1-4): 95-115.
145. Dennis, P., Skartveit, J., McCracken, D. I., Pakeman, R. J., Beaton, K., Kunaver, A. & Evans, D. M. (2008). "The effects of livestock grazing on foliar arthropods associated with bird diet in upland grasslands of Scotland." Journal of Applied Ecology 45(1) 279-287
146. Denys, C. & Tscharntke, T. (2002). "Plant-insect communities and predator-prey ratios in field margin strips, adjacent crop fields, and fallows." Oecologia 130(2): 315-324.
147. Denys, C. (1997). Do field margins contribute to enhancement of species diversity in a cleared arable landscape? Investigations on the insect community of mugwort (Artemisia vulgaris L). Mitteilungen Der Deutschen Gesellschaft Fur Allgemeine Und Agewandte
148. Denys, C., Tscharntke, T. & Fischer, R. (1997). "Colonization of wild herbs by insects in sown and naturally developed field margin strips and in cereal fields." Verhandlungen der Gesellschaft fÃ¼r Ã–kologie 27: 411-418.
149. Devereux, C. L., McKeever, C. U., Benton, T. G. & Whittingham, M. J. (2004). "The effect of sward height and drainage on Common Starlings Sturnus vulgaris and northern Lapwings Vanellus vanellus foraging in grassland habitats." Agriculture, Ecosystems and Environment 146(2) 115-122
150. Devictor, V. & Jiguet, F. (2007). "Community richness and stability in agricultural landscapes: the importance of surrounding habitats." Agriculture, Ecosystems & Environment 120(2-4): 179-184.
151. Di Giulio, M., Edwards, P. J. & Meister, E. (2001). "Enhancing insect diversity in agricultural grasslands: the roles of management and landscape structure." Journal of Applied Ecology 38(2): 310-319.

Reference
152. Diekotter, T., Kadoya, T., Peter, F., Wolters, V. & Jauker, F. (2010) "Oilseed rape crops distort plant-pollinator interactions." Journal of Applied Ecology 47(1): 209-214.
153. Dierschke, H. & Peppler-Lisbach, C. (2009). "Conservation and regeneration of structure and floristic biodiversity of montane meadows - 15 years of scientific contribution to conservation management in the Harz Mountains." Tuexenia(29): 145-179.
154. Dietschi, S., Holderegger, R., Schmidt, S. G. & Linder, P. (2007). "Agri-environment incentive payments and plant species richness under different management intensities in mountain meadows of Switzerland." Acta Oecologica 31(2): 216-222.
155. Dillon, I. A., Morris, A. J. & Bailey, C. M. (2009). Comparing the benefits to wintering birds of oil-seed rape establishment by broadcast and non-inversion tillage at Grange Farm, Cambridgeshire, England. Conservation Evidence 6: 18-25
156. Dillon, I. A., Morris, A. J., Bailey, C. M. & Uney, G (2009). Assessing the veghetation response to differing establishment methods of 'Skylark Plots' in winter wheat at Grange Farm, Cambridgeshire, England. Conservation Evidence 6: 89-97.
157. Dodd, A. P. (1987) The future for the management of environmentally sensitive land in Britain: the effectiveness of the Broads Grazing Marshes Scheme. M.Sc. Manchester University.
158. Donald, P. & Morris, T. (2005). "Saving the Sky Lark: new solutions for a declining farmland bird." British Birds 98(11): 570-578
159. Donald, P. F. & Evans, A. D. (1995). "Habitat Selection and Population-Size of Corn-Buntings Miliaria-Calandra Breeding in Britain in 1993." Bird Study 42: 190-204.
160. Donald, P. F., Buckingham, D. L., Moorcroft, D., Muirhead, L. B., Evans, A. D. & Kirby, W. B.(2001). "Habitat use and diet of skylarks Alauda arvensis wintering on lowland farmland in southern Britain." Journal of Applied Ecology 38(3): 536-547.
161. Donald, P. F., Evans, A. D., Muirhead, L. B., Buckingham, D. L,. Kirby, W. B. & Schmitt, S. I. A. (2002). "Survival rates, causes of failure and productivity of Skylark Alauda arvensis nests on lowland farmland." Ibis 144(4): 652-664.
162. Donald, P. F., Muirhead, L. B., Buckingham, D. L., Evans, A. D., Kirby, W. B. & Gruar, D. J. (2001). "Body condition, growth rates and diet of Skylark Alauda arvensis nestlings on lowland farmland." Ibis 143(3): 658-669.
163. Döring, T. F., Hiller, A., Wehke, S., Schulte, G. & Broll, G. (2003). "Biotic indicators of carabid species richness on organically and conventionally managed arable fields." Agriculture, Ecosystems & Environment 98(1/3): 133-139.
164. Douglas, D. J. T. (2007) Insect availability for breeding yellowhammers on lowland farmland. Leeds. Ph.D.
165. Douglas, D. J. T., Benton, T. G. & Vickery, J. A. (2010) "Contrasting patch selection of breeding Yellowhammers Emberiza citrinella in set-aside and cereal crops." Bird Study 57(1): 69-74.
166. Douglas, D. J. T., Evans, D. M. & Redpath, S. M. (2008). "Selection of foraging habitat and nestling diet by Meadow Pipits Anthus pratensis breeding on intensively

Reference
grazed moorland: foraging sites with low vegetation height and density, but with high arthropod biomass are selected." Bird Study 55 (3): 290-296
167. Douglas, D. J. T., Vickery, J. A. & Benton, T. G (2010) "Variation in arthropod abundance in barley under varying sowing regimes." Agriculture, Ecosystems & Environment 135(1/2): 127-131.
168. Douglas, D. J. T., Vickery, J. A. & Benton, T. G. (2009). "Improving the value of field margins as foraging habitat for farmland birds." Journal of Applied Ecology 46(2): 353-362.
169. Dover, J. (1996). "Factors affecting the distribution of satyrid butterflies on arable farmland." Journal of Applied Ecology 33(4): 723-734.
170. Dover, J. W. (1997). "Conservation headlands: effects on butterfly distribution and behaviour." Agriculture, Ecosystems & Environment 63(1): 31-49.
171. Dover, J., Sotherton, N. & Gobbett, K. A. Y. (1990). "Reduced pesticide inputs on cereal field margins: the effects on butterfly abundance." Ecological Entomology 15(1): 17-24.
172. Dover, J., Sparks, T., Clarke, S., Gobbett, K. & Glossop, S. (2000). "Linear features and butterflies: the importance of green lanes." Agriculture, Ecosystems & Environment 80(3): 227-242.
173. Downie, I. S., Abernethy, V. J., Foster, G. N., McCracken, D. I., Ribera, I. & Waterhouse, A. (1998). "Spider biodiversity on Scottish agricultural land." In P.A.Selden (ed.). Proceedings of the 17th European Colloquium of Arachnology, Edinburgh 1997.
174. Dramstad, W. & Fry, G. (1995). "Foraging activity of bumblebees (Bombus) in relation to flower resources on arable land." Agriculture, Ecosystems & Environment 53(2): 123-135.
175. Drapela, T., Moser, D., Zaller, J. G. & Frank, T. (2008). "Spider assemblages in winter oilseed rape affected by landscape and site factors." Ecography 31(2): 254-262.
176. Draycott, R. A. H., Bliss, T. H., Carroll, J. P. & Pock, K. (2009). Provision of brood-rearing cover on agricultural land to increase survival of wild ring-necked pheasant Phasianus colchicus broods at Seefeld Estate, Lower Austria, Austria. Conservation Evidence 6: 6-10
177. Dumont, B., Farruggia, A. & Garel, J. P.(2007). Biodiversity of permanent pastures within livestock farming systems. Paris, Institut National de la Recherche Agronomique (INRA): 17-24.
178. Eaton, M. A., Stoate, C., Whittingham, M. J. & Bradbury, R. B. (2002). Determinants of Whitethroat *Sylvia communis* distribution in different agricultural landscapes. In Avian Landscape Ecology: Pure and Applied issues in the Large-scale Ecology of Birds, Proceedings of the 11th IALE Conference pp.300-304
179. Edwards, A. (2003) The role of farmyard manure in the maintenance of botanical diversity in the traditionally managed hay meadows of the Pennines. Newcastle Upon Tyne. Ph.D.
180. Ekroos, J., Heliola, J. & Kuussaari, M.(2010) "Homogenization of lepidopteran

Reference
communities in intensively cultivated agricultural landscapes." Journal of Applied Ecology 47(2): 459-467.
181. Ekroos, J., Hyvonen, T., Tiainen, J. & Tiira, M. (2010) "Responses in plant and carabid communities to farming practises in boreal landscapes." Agriculture Ecosystems & Environment 135(4): 288-293.
182. Ekroos, J., Piha, M. & Tiainen, J. (2008). "Role of organic and conventional field boundaries on boreal bumblebees and butterflies." Agriculture, Ecosystems & Environment 124(3-4): 155-159.
183. El Titi, A. & Ipach, U. (1989). "Soil fauna in sustainable agriculture: Results of an integrated farming system at Lautenbach, F.R.G." Agriculture, Ecosystems & Environment 27(1-4): 561-572.
184. Elsen, T. v. & Gunther, H. (1992). "Effects of set-aside on the wild species vegetation of marginal fields." Elsen, T. van; Gunther, H., 1992: Zeitschrift fur Pflanzenkrankheiten und Pflanzenschutz (Sonderheft 13): 49-60
185. Emmerling, C. (2001). "Response of earthworm communities to different types of soil tillage." Applied Soil Ecology 17(1): 91-96.
186. Engels, W., Schulz, U.& Radle, M. (1994). "Use of the Tubingen mix for bee pasture in Germany." In: Matheson A. (ed.), Forage for Bees in an Agricultural Landscape, pp. 57-65. International Bee Research.
187. Eo, J. & Nakamoto, T. (2008)"Spatial relationships between roots and soil organisms under different tillage systems." European Journal of Soil Biology 44(3): 277-282.
188. Eraud, C. & Boutin, J. M. (2002). "Density and productivity of breeding Skylarks Alauda arvensis in relation to crop type on agricultural lands in western France." Bird Study 49: 287-296.
189. Erdos, S., Baldi, A. & Batary, P. (2009). "Nest-site selection and breeding ecology of Sky Larks Alauda arvensis in Hungarian farmland." Bird Study 56(2): 259-263.
190. Ernst, G. & Emmerling, C. (2009). "Impact of five different tillage systems on soil organic carbon content and the density, biomass, and community composition of earthworms after a ten year period." European Journal of Soil Biology 45(3): 247-251.
191. Esbjerg, P. (1998). "Effects of reduced pesticide doses on flora and fauna of agricultural fields - a project linked to the Danish Pesticide Action Plan." 15th Danish Plant Protection Conference. Pests and Diseases.
192. Evans, K. L., Bradbury, R. B. & Wilson, J. D. (2003). "Selection of hedgerows by Swallows Hirundo rustica foraging on farmland: the influence of local habitat and weather: The loss of hedgerows may have reduced the quality of agricultural land for breeding Swallows." Bird Study 50: 8-14
193. Evans, K. L., Wilson, J. D. & Bradbury, R. B. (2007). "Effects of crop type and aerial invertebrate abundance on foraging barn swallows Hirundo rustica." Agriculture, Ecosystems & Environment 122(2): 267-273.
194. Ewald, J. A., Aebischer, N. J., Brickle, N. W., Moreby, S. J., Potts, G. R. &

Reference
Wakeham-Dawson, A. (2002). Spatial variation in densities of farmland birds in relation to pesticide use and avian food resources. Aberdeen, International Association for Landscape Ecology.
195. Ewald, J. A., Aebischer, N. J., Richardson, S. M., Grice, P. V. & Cooke, A. I. (2010) "The effect of agri-environment schemes on grey partridges at the farm level in England." Agriculture, Ecosystems & Environment. (In press)
196. Eybert, M. C., Constant, P. & Lefeuvre, J. C.(1995). "Effects of changes in agricultural landscape on a breeding population of linnets (Acanthis cannabina) L. Living in adjacent heathland." Biological Conservation 74(3): 195-202.
197. Eyre, M. D., Sanderson, R. A., Shotton, P. N. & Leifert, C. (2009). "Investigating the effects of crop type, fertility management and crop protection on the activity of beneficial invertebrates in an extensive farm management comparison trial." Annals of Applied Biology 155: 267-276
198. Fagan, K. C., Pywell, R. F., Bullock, J. M. & Marrs, R. H. (2008). "Do restored calcareous grasslands on former arable fields resemble ancient targets? The effects of time, methods and environment on outcomes." Journal of Applied Ecology 45(4): 1293-1303.
199. Feber, R. E. & Hopkins, A. (1997). "Diversity of plant and butterfly species on organic farmland field margins in relation to management." British Grassland Society Fifth Research Conference, University of Plymouth, Newton Abbot, Devon, UK, 8 10 September.
200. Feber, R. E. (1993) The ecology and conservation of butterflies on lowland arable farmland. Oxford. D.Phil.
201. Feber, R. E., Bell, J., Johnson, P. J., Firbank, L. G. & Macdonald, D. W. (1998). "The effects of organic farming on surface-active spider (Araneae) assemblages in wheat in southern England, UK." Journal of Arachnology 26(2): 190-202.
202. Feber, R. E., Johnson, P.J., Firbank, L.G., Hopkins, A. & Macdonald, D.W. (2007). "A comparison of butterfly populations on organically and conventionally managed farmland." Journal of Zoology 273(1): 30-39.
203. Feber, R. E., Smith, H. & Macdonald, D. W. (1994). "The effects of field margin restoration on the meadow brown butterfly (Maniola jurtina)." FIELD MARGINS : INTEGRATING AGRICULTURE AND CONSERVATION 58. 295-300.
204. Feber, R. E., Smith, H. & Macdonald, D. W. (1996). "The effects on butterfly abundance of the management of uncropped edges of arable fields." Journal of Applied Ecology 33(5): 1191-1205.
205. Feber, R., Firbank, L. G., Johnson, P. J. & Macdonald, DW (1997). "The effects of organic farming on pest and non-pest butterfly abundance." Agriculture, Ecosystems & Environment 64(2): 133-139.
206. Feehan, J. (2002) The impact of the rural environment protection scheme (REPS) on the diversity of flora and Carabidae fauna within the Republic of Ireland. Trinity College Dublin (Univ. Dublin). Ph.D.
207. Feehan, J., Gillmor, D. A. & Culleton, N. E. (2002). "The impact of the Rural Environment Protection Scheme (REPS) on plant and insect diversity." Tearmann

Reference
2(1): 15-28.
208. Feehan, J., Gillmor, D. A. & Culleton, N. E. (2005). "Effects of an agri-environment scheme on farmland biodiversity in Ireland." Agriculture, Ecosystems & Environment 107(2-3): 275-286.
209. Field, R. G. & Mason, C. F. (2005). "The utilization of two-metre Countryside Stewardship Scheme grass margins by the gatekeeper Pyronia tithonus (L)." Journal of Natural History 39(18): 1533-1538.
210. Field, R. G. (2002) A study of butterflies on farmland. Essex. Ph.D.
211. Field, R. G. Gardiner, T. & Watkins, G. (2007). "The use of farmland by butterflies: a study on mixed farmland and field margins." Entomologist's Gazette 58(1): 3-15.
212. Field, R. G., Gardiner, T., Mason, C. F. & Hill, J. (2005). "Agri-environment schemes and butterflies: the utilisation of 6 m grass margins." Biodiversity and Conservation 14(8): 1969-1976.
213. Field, R. G., Gardiner, T., Mason, C. F. & Hill, J. (2006). "Countryside Stewardship Scheme and butterflies: a study of plant and butterfly species richness." Biodiversity and Conservation 15(1): 443-452.
214. Field, R. G., Gardiner, T., Mason, C. F. & Hill, J. (2007). "Agri-environment schemes and butterflies: the utilisation of two metre arable field margins." Biodiversity and Conservation 16(2): 465-474.
215. Field, R. H., Benke, S., Badonyi, K. & Bradbury, R. B. (2007). "Influence of conservation tillage on winter bird use of arable fields in Hungary." Agriculture, Ecosystems & Environment 120(2-4): 399-404.
216. Field, R. H., Kirby, W. B. & Bradbury, R. B. (2007). "Conservation tillage encourages early breeding by Skylarks Alauda arvensis." Bird Study 54: 137-141.
217. Filippi-Codaccioni, O., V. Devictor, V., Bas, Y., Clobert, J. & Julliard, R. (2010) "Specialist response to proportion of arable land and pesticide input in agricultural landscapes." Biological Conservation 143(4): 883-890.
218. Firbank, L. G., Smart, S. M., Crabb, J., Critchley, C. N. R., Fowbert, J. W., Fuller, R. J., Gladders, P., Green, D. B., Henderson, I. & Hill, M. O. (2003). "Agronomic and ecological costs and benefits of set-aside in England." Agriculture, Ecosystems & Environment 95: 73-85
219. Fletcher, M. R., Jones, S. A., Greig-Smith, P. W., Hardy, A. R. & Hart, A. D. M. (1992). Population density and breeding success of birds. Pesticides, Cereal Farming and the Environment. Grieg-Smith, Peter; Frampton, Geoff; Hardy, Tony. (eds.). The Boxworth Project.
220. Fliessbach, A., Mäder, P., Dubois, D. & Gunst, L. (2000). "Results from a 21 year old field trial. Organic farming enhances soil fertility and biodiversity." FIBL Dossier(no.1): 15 pp.
221. Ford, M. A. (1996). "The transformation of surplus farmland into semi-natural habitat I. Effect of seed supply on the conservation value of Scottish set-aside exemplified by the vegetation at a site near Elgin." Aspects of Applied Biology (44): 179-184.

Reference
222. Fournier, E. & Loreau, M. (1999). "Effects of newly planted hedges on ground-beetle diversity (Coleoptera, Carabidae) in an agricultural landscape." Ecography 22(1): 87-97.
223. Frampton, G. K. & Brink, P. J. v. d. (2002). "Influence of cropping on the species composition of epigeic Collembola in arable fields." Pedobiologia 46(3/4): 328-337.
224. Frampton, G. K. (1997). "The potential of Collembola as indicators of pesticide usage: Evidence and methods from the UK arable ecosystem." Pedobiologia 41(1-3): 179-184.
225. Frampton, G. K. (2002). "Long-term impacts of an organophosphate-based regime of pesticides on field and field-edge Collembola communities." Pest Management Science 58(10): 991-1001.
226. Frampton, G. K., Cilgi, T. & Wratten, S. D. (1994). "The MAFF 'SCARAB' project: long-term consequences for farmland arthropods of pesticide use in the UK." Integrated control in cereals, Le Rheu (France), 30 Nov - 2 Dec 1992, Bulletin OLIB SROP. 17(4): 2
227. Frank, T. (1997). "Species diversity of ground beetles (Carabidae) in sown weed strips and adjacent fields." Biological Agriculture & Horticulture 15(1-4): 297-307.
228. Frank, T., Aeschbacher, S., Barone, M., Kunzle, I., Lethmayer, C. & Mosimann, C.(2009). "Beneficial arthropods respond differentially to wildflower areas of different age." Annales Zoologici Fennici 46(6): 465-480.
229. Franzen, M. & Nilsson, S. G (2008). "How can we preserve and restore species richness of pollinating insects on agricultural land?" Ecography 31(6): 698-708.
230. Fraser, M. D., Evans, J. G., Davies, D. W. R. & Vale, J. E. (2008). Effect of sward type and management on butterfly numbers in the uplands. Shaping a Vision for the Uplands, Conference 21, Sheffield Hallam University, 2-4 June 2008, Stockdale, E. Aspects of Applied Biology 85 15-18
231. Frieben, B. (2005). Potential of weeds attractive to beneficial insects in organic fields - their consideration in research programs. Bonn, International Society of Organic Agricultural Research (ISOFAR): 456-459.
232. Fried, G., Norton, L. R. & Reboud, X. (2008). "Environmental and management factors determining weed species composition and diversity in France." Agriculture, Ecosystems & Environment 128(1-2): 68-76.
233. Fried, G., Petit, S., Dessaint, F. & Reboud, X. (2009). "Arable weed decline in northern France: Crop edges as refugia for weed conservation?" Biological Conservation 142(1): 238-243.
234. Frydrych, J., Bartak, M., Losak, M., Cagas, B., Rotrekl, J. & Kolarik, P. (2009). "Arthropod biodiversity in a landscape with grass and leguminous vegetation cover." "Alternative functions of grassland. Proceedings of the 15th European Grassland Federation." Grassland Science in Europe 14: 109-112
235. Fuchs, S., A. Helmecke, A. & Stein-Bachinger, K. (2006). "How to establish and

Reference
maintain viable populations of farmland birds on organic farms: The Nature Conservation Farm Brodowin." Journal of Ornithology 147(5): 168-169.
236. Fuller, R. J., Chamberlain, D. E., Burton, N. H. K. & Gough, S. J. (2001). "Distributions of birds in lowland agricultural landscapes of England and Wales: how distinctive are bird communities of hedgerows and woodland?" Agriculture, Ecosystems & Environment 84(1): 79-92
237. Fuller, R. J., Norton, L. R., Feber, R. E., Johnson, P. J., Chamberlain, D. E., Joys, A. C., Mathews, F., Stuart, R. C., Townsend, M. C., Manley, W. J., Wolfe, M. S., Macdonald, D. W. & Firbank, L. G. (2005). "Benefits of organic farming to biodiversity vary among taxa." Biology Letters 1 (4): 431-434
238. Fuller, R. J., Ward, E., Hird, D. & Brown, A. F. (2002). "Declines of ground-nesting birds in two areas of upland farmland in the south Pennines of England: We present evidence of large declines in numbers of breeding waders and passerines in some upland areas since the 1970s." Bird Study 49: 146-152
239. Fussell, M. & Corbet, S. A. (1991). "Forage for Bumble Bees and Honey-Bees in Farmland - a Case-Study." Journal of Apicultural Research 30(2): 87-97.
240. Gabriel, D. & Tscharntke, T. (2007). "Insect pollinated plants benefit from organic farming." Agriculture, Ecosystems & Environment 118(1/4): 43-48.
241. Gabriel, D., Roschewitz, I., Tscharntke, T. & Thies, C. (2006). "Beta diversity at different spatial scales: plant communities in organic and conventional agriculture." Ecological Applications 16(5): 2011-2021.
242. Gabriel, D., Sait, S. M., Hodgson, J. A., Schmutz, U., Kunin, W. E. & Benton, T. G. (2010). "Scale matters: the impact of organic farming on biodiversity at different spatial scales. ." Ecology Letters 13: 858-869.
243. Galbraith, H. (1989). "Arrival and habitat use by Lapwings Vanellus vanellus in the early breeding season." Ibis 131(3): 377-388.
244. Gallo, J. & Pekar, S. (1999). "Winter wheat pests and their natural enemies under organic farming system in Slovakia: Effect of ploughing and previous crop." Anzeiger Fur Schadlingskunde-Journal of Pest Science 72(2): 31-36.
245. Gallo, J. & Pekar, S. (2001). "Effect of ploughing and previous crop on winter wheat pests and their natural enemies under integrated farming system in Slovakia." Anzeiger fur Schadlingskunde 74(3): 60-65.
246. Garbutt, R. A. & Sparks, T. H. (2002). "Changes in the botanical diversity of a species rich ancient hedgerow between two surveys (1971-1998)." Biological Conservation 106(2): 273-278.
247. Gardiner, T. & Hill, J. (2005). "A study of grasshopper populations in Countryside Stewardship Scheme field margins in Essex." British Journal of Entomology and Natural History 18(2): 73-80.
248. Gardiner, T. (2006) The impact of grassland management on Orthoptera populations in the UK. Essex. Ph.D.
249. Gardiner, T. (2010). "Hedgerow species richness influences the presence of Orthoptera and Dermaptera along green lanes in Essex, U.K." Entomologist's Gazette 61(1): 53-64.

Reference
250. Gardiner, T., Edwards, M. & Hill, J. (2008) Establishment of clover-rich field margins as a forage resource for bumblebees Bombus spp on Romney Marsh Kent England Conservation Evidence 2008 5:51-57
251. Gardiner, T., Hill, J. & Marshall, E. J. P. (2008). "Grass field margins and Orthoptera in eastern England." Entomologist's Gazette 59(4): 251-257.
252. Gathmann, A. & Tscharntke, T. (1993). "Bees and wasps in trap nests on sown crop fields and self-sown fallow fields (Hymenoptera Aculeata)." Verhandlungen Gesellschaft fur Okologie 22: 53-56.
253. Gathmann, A. & Tscharntke, T. (1999). Habitat evaluation using an abundant wild bee species - body size and sex ratio in Osmia rufa (L.) (Hymenoptera : Megachilidae). Communications of the German Society for General and Applied Entomology, Vol 12, nos 1-6
254. Gathmann, A., Greiler, H. J. & Tscharntke, T. (1994). "Trap-nesting bees and wasps colonizing set-aside fields: succession and body size, management by cutting and sowing." Oecologia 98(1): 8-14.
255. Geiger, F., Wackers, F. & Bianchi, F. (2009). "Hibernation of predatory arthropods in semi-natural habitats." Biocontrol 54(4): 529-535.
256. Geijzendorffer, I. R. (2007) Integrating botanical diversity and management of agricultural grassland. University College Dublin. Ph.D
257. Gelling, M., Macdonald, D. W. & Mathews, F. (2007). "Are hedgerows the route to increased farmland small mammal density? Use of hedgerows in British pastoral habitats." Landscape Ecology 22(7): 1019-1032.
258. Gerard, M., El Kahloun, M., Rymen, J., Beauchard, O. & Meire, P. (2008). "Importance of mowing and flood frequency in promoting species richness in restored floodplains." Journal of Applied Ecology 45: 1780-1789.
259. Gibson, C. W. D., Brown, V. K., Losito, L. & McGavin, G. C. (1992). "The response of invertebrate assemblies to grazing." Ecography 15(2): 166-176.
260. Gibson, R. H., Pearce, S., Morris, R. J., Symondson, W. O. C. & Memmott, J. (2007). "Plant diversity and land use under organic and conventional agriculture: a whole-farm approach." Journal of Applied Ecology 44: 792-803.
261. Gillings, S. & Fuller, R. J. (1998). "Changes in bird populations on sample lowland English farms in relation to loss of hedgerows and other non-crop habitats." Oecologia 116(1-2): 120-127.
262. Gillings, S. & Fuller, R. J. (2001). "Habitat selection by Skylarks Alauda arvensis wintering in Britain in 1997/98." Bird Study 48: 293-307.
263. Gillings, S., Newson, S. E., Noble, D. G. & Vickery, J. A. (2005). "Winter availability of cereal stubbles attracts declining farmland birds and positively influences breeding population trends." Proceedings of the Royal Society of London. Series B, Biological Sciences 272 (1564): 733-739
264. Gillings, S., Wilson, A. M., Conway, G. J., Vickery, J. A. & Fuller, R. J.(2008). "Distribution and abundance of birds and their habitats within the lowland farmland of Britain in winter: farmland bird species occurred at low densities and were highly aggregated in a small proportion of available pastures, stubble fields and

Reference
farmyards.” Bird Study 55 (1): 8-22
265. Gilroy, J. J. (2006) Breeding ecology and conservation of yellow wagtails Motacilla flava in intensive arable farmland. East Anglia. Ph.D.
266. Gilroy, J. J., Anderson, G. Q. A., Grice, P. V., Vickery, J. A. & Sutherland, W. J. (2010). "Mid-season shifts in the habitat associations of Yellow Wagtails Motacilla flava breeding in arable farmland." Ibis 152: 90-104.
267. Gilroy, J. J., Anderson, G. Q. A., Grice, P. V., Vickery, J. A., Watts, P. N. & Sutherland, W. J. (2009). "Foraging habitat selection, diet and nestling condition in Yellow Wagtails Motacilla flava breeding on arable farmland." Bird Study 56(2): 221-232.
268. Gilroy, J. J., Anderson, G. Q. A.,Grice, P. V., Vickery, J. A., Bray, I., Nicholas Watts, P. & Sutherland, W. J. (2008). "Could soil degradation contribute to farmland bird declines? Links between soil penetrability and the abundance of yellow wagtails Motacilla flava in arable fields.” Biological Conservation 141 (12): 3116-3126
269. Glemnitz, M., Czimber, G., Radics, L. & Hoffmann, J. (2006). "Weed flora diversity and composition in different agricultural management systems - comparative investigations in Hungary, Germany and Europe." Magyar Gyomkutatás és Technológia 7(1): 83-100.
270. Gormsen, D., Hedlund, K., Korthals, G. W., Mortimer, S. R., Pizl, V., Smilauerova, M. & Sugg, E. (2004). "Management of plant communities on set-aside land and its effects on earthworm communities." European Journal of Soil Biology 40(3/4): 123-128.
271. Goulson, D., Hughes, W. O. H., Derwent, L. C. & Stout, J. C. (2002). "Colony growth of the bumblebee, Bombus terrestris, in improved and conventional agricultural and suburban habitats." Oecologia 130(2): 267-273.
272. Gravesen, E. (2008). "Linyphiid spider populations in sustainable wheat-clover bi-cropping compared to conventional wheat-growing practice." Journal of Applied Entomology 132(7): 545-556.
273. Green, R. E. (1984). "The feeding ecology and survival of partridge chicks (*Alectoris rufa* and *Perdix perdix*) on arable farmland in East Anglia." Journal of Applied Ecology 21: 817-830.
274. Green, R. E., Osborne, P. E. & Sears, E. J. (1994). "The Distribution of Passerine Birds in Hedgerows During the Breeding-Season in Relation to Characteristics of the Hedgerow and Adjacent Farmland." Journal of Applied Ecology 31(4): 677-692.
275. Greiler, H. J. (1994). "Insect communities in self-established and sown agricultural fallows." Agrarokologie 11: 136 pp.
276. Griffiths, G. J. K. (2003) The effect of field boundary type on the community structure, spatial distribution and physiological condition of overwintering arthropods, with special reference to Carabidae and Staphylinidae (Coleoptera). Plymouth. Ph.D.
277. Griffiths, G. J. K., Williams, E., Winder, L., Holland, J. M. & Thomas, C. F. G. (2000). The importance of field boundaries for whole-farm biodiversity

Reference
conservation. The BCPC Conference: Pests and diseases, Volume 1.
278. Griffiths, G. J. K., Winder, L., Holland, J. M., Thomas, C. F. G. & Williams, E. (2007). "The representation and functional composition of carabid and staphylinid beetles in different field boundary types at a farm-scale." Biological Conservation 135(1): 145-152
279. Gruber, H., Handel, K. & Broschewitz, B. (2000). "Influence of farming system on weeds in thresh crops of a six-year crop rotation." Proceedings 20th German conference on weed biology and weed control, Stuttgart-Hohenheim, Germany, 14-16 March, 2000.
280. Guldemond, J. A., Pijfers, J. H. N. & Beider, E. den (2007). "The significance of agricultural nature conservation for bees and wasps on a dairy farm in de Graafschap, Gelderland, The Netherlands." Entomologische Berichten 67(6): 198-203.
281. Haaland, C. & Gyllin, M. (2007). "Butterflies and bumblebees in greenways and sown wildflower strips in southern Sweden." Journal of Insect Conservation 14(2): 125-132.
282. Haenke, S., Scheid, B., Schaefer, M., Tscharntke, T. & Thies, C. (2009). "Increasing syrphid fly diversity and density in sown flower strips within simple vs. complex landscapes." Journal of Applied Ecology 46(5): 1106-1114.
283. Hald, A. B. (1999). "Weed vegetation (wild flora) of long established organic versus conventional cereal fields in Denmark." Annals of Applied Biology 134(3): 307-314.
284. Hamre, L. N. & Austad, I. (1999). "Field margin vegetation on farms in Sogn, western norway." Aspects of. Applied Biology (54): 337-344.
285. Hancock, M. H. & Wilson, J. D. (2002). Winter habitat associations of grey partridge *Perdix perdix* in Scotland, 1997-9.Aspects of Applied Biology 67: 171-178
286. Hansson, M. & Fogelfors, H. (1998). "Management of permanent set-aside on arable land in Sweden." Journal of Applied Ecology 35(5): 758-771.
287. Hansson, M. & Fogelfors, H. (2000). "Management of a semi-natural grassland; results from a 15-year-old experiment in southern Sweden." Journal of Vegetation Science 11(1): 31-38.
288. Hart, J. D., Milsom, T. P., Fisher, G., Wilkins, V., Moreby, S. J., Murray, A. W. A. & Robertson, P. A. (2006). "The relationship between yellowhammer breeding performance, arthropod abundance and insecticide applications on arable farmland." Journal of Applied Ecology 43(1): 81-91
289. Hart, J. D., Murray, A. W. A., Milsom, T. P., Parrott, D., Allcock, J., Watola, G. V., Bishop, J. D., Robertson, P. A., Holland, J. M., Bowyer, A., Birkett, T. & Begbie, M. (2002). The abundance of farmland birds within arable fields in relation to seed density. Aspects of Applied Biology 67: 221-228
290. Hartley, S. E., Gardner, S. M. & Mitchell, R. J. (2003). "Indirect effects of grazing and nutrient addition on the hemipteran community of heather moorlands." Journal of Applied Ecology 40(5): 793-803.
291. Hasken, K. H. & Poehling, H. M. (1995). "Effects of different intensities of

Reference
fertilizers and pesticides on aphids and aphid predators in winter wheat." Agriculture Ecosystems & Environment 52(1): 45-50.
292. Hassall, M., Hawthorne, A., Maudsley, M., White, P. & Cardwell, C. (1992). "Effects of headland management on invertebrate communities in cereal fields." Agriculture Ecosystems & Environment 40(1-4): 155-178.
293. Haughton, A. J., Bell, J. R., Boatman, N. D. & Wilcox, A. (1999). "The effects of different rates of the herbicide glyphosate on spiders in arable field margins." Journal of Arachnology 27(1): 249-254.
294. Haughton, A. J., Bell, J. R., Gates, S., Johnson, P. J., Macdonald, D. W., Tattersall, F. H. & Hart, B. H. (1999). "Methods of increasing invertebrate abundance within field margins." Aspects of Applied Biology (54): 163-170.
295. Hausammann, A. (1996). "Strip-management in rape crop: is winter rape endangered by negative impacts of sown weed strips?" Journal of Applied Entomology 120(8): 505-512.
296. Hawes, C., Squire, G. R., Hallett, P. D., Watson, C. A. & Young, M. (2010) "Arable plant communities as indicators of farming practice." Agriculture, Ecosystems & Environment. 138 (1-2):17-26.
297. Hawthorne, A. & Hassall, M (1995). The effect of cereal headland treatments on carabid communities. Arthropod Natural Enemies in Arable Land I - Density, Spatial Heterogeneity and Dispersal. S. Toft and W. Riedel. 70: 185-198.
298. Hayes, M. J. & Tallowin, J. R. B. (2007). Recreating biodiverse grasslands: long-term evaluation of practical management options for farmers. British Grassland Society Occasional Symposium no.38. Reading, British Grassland Society (BGS): 135-140.
299. Haysom, K. A., McCracken, D. I., Foster, G. N. & Sotherton, N. W. (2004). "Developing grassland conservation headlands: response of carabid assemblage to different cutting regimes in a silage field edge." Agriculture, Ecosystems & Environment 102(3): 263-277
300. Haysom, K. A.,McCracken, D. I., Foster, G. N. & Sotherton, N. W. (1999). "Grass conservation headlands - adapting an arable technique for the grassland farmer." Aspects of Applied Biology (54): 171-178.
301. Heard, M. S., Carvell, C., Carreck, N. & Bourke, A. (2007). "The effects of landscape and forage patch size on the response of bumblebees to restored habitats in agricultural landscapes." Aspects of Applied Biology (81): 111-116.
302. Heard, M. S., Carvell, C., Carreck, N. L., Rothery, P., Osborne, J. L. & Bourke, A. F. G. (2007). "Landscape context not patch size determines bumble-bee density on flower mixtures sown for agri-environment schemes." Biology Letters 3(6): 638-641.
303. Heath, G. W. (1962). "THE INFLUENCE OF LEY MANAGEMENT ON EARTHWORM POPULATIONS." Grass and Forage Science 17(4): 237-244.
304. Hegarty, C. A. & Cooper, A. (1994). "Regional Variation of Hedge Structure and Composition in northern-Ireland in Relation to Management and Land-Use." Biology and Environment-Proceedings of the Royal Irish Academy 94B(3): 223-236.

Reference
305. Hegarty, C. A. (1992) The ecology and management of hedges in northern Ireland. New University of Ulster. D.Phil.
306. Hegarty, C. A., McAdam, J. H. & Cooper, A. (1994). "Factors influencing the plant species composition of hedges - implications for management in environmentally sensitive areas." British Crop Protection Conference 58:227-234.
307. Heinz, S., Mayer , F. & Kuhn, G. (2008). Agricultural grasslands in Bavaria - interrelationship of diversity and management. Grassland Science in Europe, Volume 13. Uppsala, Swedish University of Agricultural Sciences: 910-912.
308. Hellström, K., Huhta, A. P., Rautio, P. & Tuomi, J. (2009). "Seed introduction and gap creation facilitate restoration of meadow species richness." Journal for Nature Conservation 17(4): 236-244.
309. Henderson, I. G. & Evans, A. D. (2000). Responses of farmland birds to set-aside and its management. Ecology and Conservation of Lowland Farmland Birds. N. J. Aebischer, A. D. Evans, P. V. Grice and J. A. Vickery. Tring, British Ornithologists Union: 69-70
310. Henderson, I. G., Cooper, J., Fuller, R. J. & Vickery, J. (2000). "The relative abundance of birds on set-aside and neighbouring fields in summer." Journal of Applied Ecology 37(2): 335-347.
311. Henderson, I. G., Critchley, N. R., Cooper, J. & Fowbert, J. A. (2001). "Breeding season responses of Skylarks Alauda arvensis to vegetation structure in set-aside (fallow arable land)." Ibis 143(2): 317-321.
312. Henderson, I. G., Morris, A. J., Westbury, D. B., Woodcock, B. A., Potts, S. G., Ramsay, A. & Coombes, R. (2007). "Effects of field margin management on bird distributions around cereal fields." Aspects of Applied Biology (81): 53-60.
313. Henderson, I. G., Ravenscroft, N., Smith, G. & Holloway, S.(2009). "Effects of crop diversification and low pesticide inputs on bird populations on arable land." Agriculture, Ecosystems & Environment 129(1/3): 149-156.
314. Henderson, I. G., Vickery, J. A. & Carter, N. (2004). "The use of winter bird crops by farmland birds in lowland England." Biological Conservation 118(1): 21-32.
315. Henderson, I. G., Vickery, J. A. & Fuller, R. J. (2000). "Summer bird abundance and distribution on set-aside fields on intensive arable farms in England." Ecography 23(1): 50-59.
316. Henderson, I., Holt, C. & Vickery, J.(2007). "National and regional patterns of habitat association with foraging Barn Swallows Hirundo rustica in the UK." Bird Study 54: 371-377.
317. Hendrickx, F., Maelfait, J. P., Van Wingerden, W., Schweiger, O., Speelmans, M., Aviron, S., Augenstein, I., Billeter, R., Bailey, D., Bukacek, R., Burel, F., Diekotter, T., Dirksen, J., Herzog, F., Liira, J., Roubalova, M., Vandomme, V. & Bugter, R. (2007) “How landscape structure, land-sue intensity and habitat diversity affect components of total arthropod diversity in agricultural landscapes.” Journal of Applied Ecology 44 (2): 340-351
318. Henze, M. & Sengonca, C. (1993). "The influence of different farming systems on the population dynamics of aphids and their predators in winter wheat." 8(4-6):

Reference
615-622.
319. Herzog, F., Dreier, S., Hofer, G., Marfurt, C., Schüpbach, B., Spiess, M. & Walter, T (2005). "Effect of ecological compensation areas on floristic and breeding bird diversity in Swiss agricultural landscapes." Agriculture, Ecosystems & Environment 108(3)
320. Herzog, F., Gunter, M., Hofer, G., Jeanneret, P., Pfiffner, L., Schlapfer, F., Schupbach, B. & Walter, T.(2001). Restoration of agro-biodiversity in Switzerland. 3rd International Conference Ecosystems and Sustainable Development 2001. In: Villacampa, Y., Brebbia, C.A., J.-L. Uso (eds), Advances in Ecological Sciences 10: 397-406
321. Herzon, I., Aunins, A., Elts, J. & Preiksa, Z. (2008). "Intensity of agricultural land-use and farmland birds in the Baltic States." Agriculture, Ecosystems & Environment 125(1-4): 93-100.
322. Higginbotham, S., Leake, A. R., Jordan, V. W. L. & Ogilvy, S. E. (2000). "Environmental and ecological aspects of integrated, organic and conventional farming systems." Aspects of Applied Biology (62): 15-20.
323. Hilbig, W. (1997). "Effects of extensification programmes in agriculture on segetal vegetation." Tuexenia(17): 295-325.
324. Hodkinson, D. J., Critchley, C. N. R. & Sherwood, A. J. (1997). A botanical survey of conservation headlands in Breckland Environmentally Sensitive Area, UK. 1997 Brighton Crop Protection Conference - Weeds, Conference Proceedings Vols 1-3: 979-984.
325. Hoffmann, J. & Kretschmer, H (2001). "Biotope- and species protection value of large arable fields in the lowlands of northeast Germany." (1): 17-31.
326. Holland, J. & Fahrig, L (2000). "Effect of woody borders on insect density and diversity in crop fields: a landscape-scale analysis." Agriculture Ecosystems & Environment 78(2): 115-122.
327. Holland, J. M. & Thomas, S. R. (1996). Phacelia tanacetifolia flower strips: Their effect on beneficial invertebrates and gamebird chick food in an integrated farming system. Arthropod Natural Enemies in Arable Land Ii - Survival, Reproduction and Enhancement. Acta Jutlandica 71: 171-182
328. Holland, J. M. & Thomas, S. R. (1997). "Assessing the role of beneficial invertebrates in conventional and integrated farming systems during an outbreak of Sitobion avenae." Biological Agriculture & Horticulture 15(1-4): 73-82.
329. Holland, J. M., Begbie, M., Birkett, T., Reynolds, C. J. M. & Thomas, C. F. G. (2001). The influence of hedgerows on coleopteran distributions: results from a multi-field sampling study. "Hedgerows of the world: their ecological functions in different landscapes. International Asscociation for Landscape Ecology.
330. Holland, J. M., Cook, S. K., Drysdale, A. D., Hewitt, M. V., Spink, J. & Turley, D. B.(1998). "The impact on non-target arthropods of integrated compared to conventional farming: results from the LINK Integrated Farming Systems project." In: 1998 Brighton Crop Protection Conference. Pests and diseases: 625-630.
331. Holland, J. M., Oaten, H., Southway, S. & Moreby, S. (2008). "The

Reference
effectiveness of field margin enhancement for cereal aphid control by different natural enemy guilds." Biological Control 47(1): 71-76.
332. Holland, J. M., Smith, B. M., Southway, S. E., Birkett, T. C. & Aebischer, N. J. (2008). "The effect of crop, cultivation and seed addition for birds on surface weed seed densities in arable crops during winter." Weed Research (Oxford) 48(6): 503-511.
333. Holland, J. M., Southway, S., Ewald, J. A.,Birkett, T. & Begbie, M. (2002). Invertebrate chick food for farmland birds: spatial and temporal variation in different crops.Birds and agriculture: Heriot-Watt University, Edinburgh, 18-19 March 2002. Aspects of Applied Biology 67: 27-34
334. Holland, J. M., Thomas, S. R. & Courts, S. (1994). "Phacelia tanacetifolia flower strips as a component of integrated farming." British Crop Protection Council 215-220.
335. Holland, J. M., Winder, L. & Perry, J. N. (2000). "The impact of dimethoate on the spatial distribution of beneficial arthropods in winter wheat." Annals of Applied Biology 136(2): 93-105.
336. Holland, J. P., Pollock, M. L. & Waterhouse, A. (2008). From over-grazing to under-grazing: are we going from one extreme to another? Aspects of Applied Biology 85: 25-30.
337. Holubec, V. & Vymyslicky, T. (2009). "Botanical monitoring of grasslands after the adoption of agro-environmental arrangements." Grassland Science in Europe, Volume 14: 128-131.
338. Holzschuh, A., Steffan-Dewenter, I. & Tscharntke, T. (2008). "Agricultural landscapes with organic crops support higher pollinator diversity." Oikos 117(3): 354-361.
339. Holzschuh, A., Steffan-Dewenter, I., Kleijn, D. & Tscharntke, T.(2007). "Diversity of flower-visiting bees in cereal fields: effects of farming system, landscape composition and regional context." Journal of Applied Ecology 44(1): 41-49.
340. Hopkins, A. & Feber, R. E. (1997). Management for plant and butterfly species diversity on organically farmed grassland field margins.
341. Hopkins, A., Pywell, R.F., Peel, S., Johnson, R.H & Bowling, P.J. (1999). "Enhancement of botanical diversity of permanent grassland and impact on hay production in Environmentally Sensitive Areas in the UK." Grass & Forage Science 54: 163-173.
342. Horváth, R., Magura, T., Szinetár, C. & Tóthmérész, B. (2009). "Spiders are not less diverse in small and isolated grasslands, but less diverse in overgrazed grasslands: A field study (East Hungary, Nyírség)." Agriculture, Ecosystems & Environment 130(1-2):16-22
343. Hotker, H., Jeromin, K. & Rahmann, G.(2004). "Importance of winter stubble fields and/or green vegetation for farmland related birds - Results of a survey on organic and conventional crop land of heavy soils in northern Germany." Landbauforschung Volkenrode 54(4): 251-260

Reference
344. Hovd, H. (2008). "Occurrence of meadow herbs in sown and unsown ploughed strips in cultivated grassland." Acta AgriculturÃ¦ Scandinavica. Section B, Plant Soil Science 58(3): 208-215.
345. Hovi, A. (2000). Biodiversity of semi-natural meadows in southern Finland.
346. Humbert, J. Y., Beerli, C. & Jacot, K. (2006). "Improved field margins and their effects on voles and moles." Agraforschung 14: 212-217
347. Hutcheon, J. A., Iles, D. R. & Kendall, D. A. (2001). "Earthworm populations in conventional and integrated farming systems in the LIFE Project (SW England) in 1990-2000." Annals of Applied Biology 139(3): 361-372.
348. Hutton, S. & Giller, P. (2003). "The effects of the intensification of agriculture on northern temperate dung beetle communities." Journal of Applied Ecology 40(6): 994-1007.
349. Hutton, S. A. (2004) The ecology of north temperate dung beetle communities.
350. Huusela-Veistola, E. (1996). "Effects of pesticide use and cultivation techniques on ground beetles (Col, Carabidae) in cereal fields." Annales Zoologici Fennici 33(1): 197-205.
351. Huusela-Veistola, E. (1998). "Effects of perennial grass strips on spiders (Araneae) in cereal fields and impact on pesticide side-effects." Journal of Applied Entomology 122(9/10): 575-583.
352. Huusela-Veistola, E. and T. Hyvonen (2006). "Rotational fallows in support of functional biodiversity." 29(6): 61-64.
353. Hyvonen, T., Ketoja, E., Salonen, J., Jalli, H. & Tiainen, J. (2003). "Weed species diversity and community composition in organic and conventional cropping of spring cereals." Agriculture, Ecosystems & Environment 97(1/3): 131-149.
354. Ingrisch, S., Gluck, E. & Wasner, U. (1989). "The effects of bio-dynamic and conventional agriculture on the epigaeic fauna of arable land." Verhandlungender Gesellschaft fur Okologie 18: 835-841.
355. Irmler, U. (2003). "The spatial and temporal pattern of carabid beetles on arable fields in northern Germany (Schleswig-Holstein) and their value as ecological indicators." Agriculture, Ecosystems & Environment 98(1/3): 141-151.
356. Irmler, U. (2010) "Changes in earthworm populations during conversion from conventional to organic farming." Agriculture, Ecosystems & Environment 135(3): 194-198.
357. Jacot, K., Eggenschwiler, L. & Bosshard, A. (2005). "Botanical development of restored species rich field margins." Agrarforschung 12(1): 10-15.
358. Jacot, K., Eggenschwiler, L., Junge, X., Luka, H. & Bosshard, A. (2007). "Improved field margins for a higher biodiversity in agricultural landscapes." Aspects of Applied Biology (81): 277-283.
359. Jeanneret, P., Aviron, S., Herzog, F., Luka, H., Pozzi, S. & Walter, T. (2005). Temporal trends of arthropod diversity in conventional and low-input meadows. Grassland Science in Europe Volume 10. Tartu, Estonian Grassland Society: 344-347.

Reference
360. Jeanneret, P., Schupbach, B., Steiger, J.,Waldburger, M. & Bigler, F. (2000). "Evaluation of ecological measures: biodiversity. Spiders and butterflies." Agrarforschung 7(3): 112-116.
361. Jöhl, R., Knop, E., Herzog, F., Jeanneret, P., Walter, T., Duelli, P. & Ewald, K. C. (2004). "Low intensity meadows harbour endangered grasshopper." Gefährdete Heuschrecken in extensiv genutzten Wiesen. 11(5): 156-161.
362. Jones, D. & Haggar, R. J. (1993). Impact on nitrogen and organic manures on yield and botanical diversity of a grassland field margin. Conference proceedings 135-138
363. Jones, N. E., Burn, A. J. & Clarke, J. H. (1997). The effects of herbicide input level and rotation on winter seed availability for birds. 1997 Brighton Crop Protection Conference - Weeds, Conference Proceedings Vols 1-3: 1161-1166.
364. Joschko, M., Gebbers, R., Barkusky, D., Rogasik, J., Höhn, W., Hierold, W., Fox, C. A., Timmer, J. (2009). "Location-dependency of earthworm response to reduced tillage on sandy soil." Soil and Tillage Research 102(1): 55-66.
365. Jossi, W., Bruderer, R., Valenta, A., Schweizer, C., Scherrer, C., Keller, S., Dubois, D., Tschachtli, R. (2004). "The influence of three different farming systems on the epigeic arthropods." Agrarforschung 11(3): 98-103.
366. Joyce, K. A. (1998) The role of hedgerows in the ecology of invertebrates in arable landscapes. Southampton. Ph.D.
367. Kaar, B. & Freyer, B. (2008). Weed species diversity and cover-abundance in organic and conventional winter cereal fields and 15 years ago. Bonn, International Society of Organic Agricultural Research (ISOFAR): 686-689.
368. Kampmann, D.,Herzog, F., Jeanneret, P., Konold, W., Peter, M., Walter, T., Wildi, O. & Lascher, A. (2008). "Mountain grassland biodiversity: impact of site conditions versus management type." Journal for Nature Conservation 16(1): 12-25.
369. Karmiris, I. E. & Nastis, A. S. (2007). "Intensity of livestock grazing in relation to habitat use by brown hares (Lepus europaeus)." Journal of Zoology 271(2): 193-197.
370. Keller, S., Schweizer, C., Bruderer, R., Jaberg, C., Jeanneret, P. & Fried, P. M. (2004). "The influence of ecological measures on ground beetle populations in arable land in the Swiss midland." Mitteilungen der Schweizerischen Entomologischen Gesellschaft 77(3-4): 229-245
371. Kinderiene, I. (2006). "The effect of conservation farming on the abundance of earthworms on eroded soils." Zemdirbyste/Agriculture 93(4): 96-105.
372. Kinnunen, H. & Tiainen, J. (1999). "Carabid distribution in a farmland mosaic: the effect of patch type and location." Annales Zoologici Fennici 36(3): 149-158.
373. Kirkham, F. W., Tallowin, J. R. B., Sanderson, R. A., Bhogal, A., Chambers, B. J. & Stevens, D. P. (2008). "The impact of organic and inorganic fertilizers and lime on the species-richness and plant functional characteristics of hay meadow communities." Biological Conservation 141 (5): 1411-1427
374. Kiss, J., F. Kadar, Tath, F., Barth, R., Hatvani, A. (1998). "Predatory arthropods sampled in pitfall traps in winter wheat in northern Hungary." Bulletin OILB/SROP

Reference
21(8): 81-90.
375. Kleijn, D. & Snoeijing, G. I. J. (1997). "Field boundary vegetation and the effects of agrochemical drift: botanical change caused by low levels of herbicide and fertilizer." Journal of Applied Ecology 34(6): 1413-1425.
376. Kleijn, D. & van Zuijlen, G. J. C. (2004). "The conservation effects of meadow bird agreements on farmland in Zeeland, The Netherlands, in the period 1989-1995." Biological Conservation 117(4): 443-451.
377. Kleijn, D. & Verbeek, M. (2000). "Factors affecting the species composition of arable field boundary vegetation." Journal of Applied Ecology 37: 256-266.
378. Kleijn, D. (1997). Species richness and weed abundance in the vegetation of arable field boundaries, Landbouwuniversiteit Wageningen (Wageningen Agricultural University), Wageningen: 176 pp.
379. Kleijn, D., Baquero, R. A., Clough, Y., Díaz, M., Esteban, J. de., Fernández, F., Gabriel, D., Herzog, F., Holzschuh, A., Jöhl, R., Knop, E., Kruess, A., Marshall, E. J. P., Steffan-Dewenter, I., Tscharntke, T., Verhulst, J., West, T. M. & Yela, J. L.(2006) "Mixed biodiversity benefits of agri-environment schemes in five European countries." Ecology Letters 9(3): 243-254.
380. Kleijn, D., Berendse, F., Smit, R., Gilissen, N., Smit, J., Brak, B. & Groeneveld, R. (2004). "Ecological effectiveness of agri-environment schemes in different agricultural landscapes in The Netherlands." Conservation Biology 18(3): 775-786.
381. Kleijn, D., Joenje, W. & Kropff, M. J. (1997). "Patterns in species composition of arable field boundary vegetation." Acta Botanica Neerlandica 46(2): 175-192.
382. Kleijn, D., Kohler, F., Baldi, A., Batary, P., Concepcion, E. D., Clough, Y., Diaz, M., Gabriel, D., Holzschuh, A., Knop, E., Kovacs, A., Marshall, E. J. P., Tscharntke, T. & Verhulst, J. (2009). "On the relationship between farmland biodiversity and land-use intensity in Europe." Proceedings of the Royal Society B- Biological Proceedings 276(1658): 903-909.
383. Kleijn, D.,Berendse, F., Smit, R. & Gilissen, N. (2001). "Agri-environment schemes do not effectively protect biodiversity in Dutch agricultural landscapes." Nature 413(6857): 723-725.
384. Knauer, N. & Stachow, U. (1987). "Activities of ground beetle (Carabidae Col.) in an intensively run farm - a contribution to agroecosystem analysis." Journal of Agronomy and Crop Science 159(2): 131-145.
385. Knop, E., Herzog, F. & Schmid, B. (2005). Effects of the Swiss agri-environment scheme on biodiversity. Grassland Science in Europe Volume 10. Tartu, Estonian Grassland Society: 40-43.
386. Knop, E., Kleijn, D., Herzog, F. & Schmid, B. (2006). "Effectiveness of the Swiss agri-environment scheme in promoting biodiversity." Journal of Applied Ecology 43(1): 120-127.
387. Koch, B. & Meister, E. (2000). Graded management intensity of grassland systems for enhancing floristic diversity. EAAP Publication no. 97. Wageningen, Wageningen Pers: 176-178.
388. Kohler, F., Verhulst, J., Knop, E., Herzog, F. & Kleijn, D. (2007). "Indirect

Reference
effects of grassland extensification schemes on pollinators in two contrasting European countries." Biological Conservation 135(2): 302-307.
389. Kragten, S. & Snoo, G. R. d. (2007). "Nest success of Lapwings Vanellus vanellus on organic and conventional arable farms in the Netherlands." Ibis 149: 742-749.
390. Kragten, S. & Snoo, G. R. d. (2008). "Field-breeding birds on organic and conventional arable farms in the Netherlands." Agriculture, Ecosystems & Environment 126(3/4): 270-274.
391. Kragten, S., K. B. Trimbos & Snoo, G. R. d.(2008). "Breeding skylarks (Alauda arvensis) on organic and conventional arable farms in The Netherlands." Agriculture, Ecosystems & Environment 126(3-4): 163-167.
392. Kragten, S., Reinstra, E. & Gertenaar, E. (2009). "Breeding Barn Swallows Hirundo rustica on organic and conventional arable farms in the Netherlands." Journal of Ornithology 150(2): 515-518.
393. Kramberger, B. & Kaligaric , M. (2008). "Semi-natural grasslands: the effects of cutting frequency on long-term changes of floristic composition." Polish Journal of Ecology 56(1): 33-43.
394. Kromp, B. & Steinberger, K.H. (1992). "Grassy field margins and arthropod diversity: a case study on ground beetles and spiders in eastern Austria (Coleoptera: Carabidae; Arachnida: Aranei, Opiliones)." Agriculture, Ecosystems & Environment 40(1-4): 71-93
395. Kromp, B. (1989). "Carabid beetle communities (Carabidae, coleoptera) in biologically and conventionally farmed agroecosystems." Agriculture, Ecosystems & Environment 27(1-4): 241-251.
396. Kromp, B., Hann, P., Kraus, P. & Meindl, P. (2004). "Viennese Programme of Contracted Nature Conservation "Biotope Farmland": monitoring of carabids in sown wildflower strips and adjacent fields." Mitteilungen der Deutschen Gesellschaft für Allgemeine und angewandte Entomologie 14: 509-512
397. Krooss, S. & Schaefer, M. (1998). "The effect of different farming systems on epigeic arthropods: a five-year study on the rove beetle fauna (Coleoptera: Staphylinidae) of winter wheat." Agriculture, Ecosystems & Environment 69(2): 121-133.
398. Kuu, A. & Ivask, M. (2001). "Biodiversity of soil invertebrates on the fields of ecological and conventional farms in Estonia." Acta Biologica Universitatis Daugavpiliensis 1(1): 7-10.
399. Kuussaari, M. (2002). Butterfly diversity in agricultural landscapes: the role of field margins and larger uncultivated habitat patches. Grassland Science in Europe Volume 7. Versailles cedex, Organizing Committee of the European Grassland Federation: 930-931.
400. Lack, P. C. (1988). "Hedge Intersections and Breeding Bird Distribution in Farmland." Bird Study 35: 133-136.
401. Lagerlof, J., Goffre, B. & Vincent, C. (2002). "The importance of field boundaries for earthworms (Lumbricidae) in the Swedish agricultural landscape."

Reference
Agriculture Ecosystems & Environment 89(1-2): 91-103.
402. Lagerlof, J., Stark, J. & Svensson, B. (1992). "Margins of agricultural fields as habitats for pollinating insects." 40(1-4): 117-124.
403. Le Feon, V., Schermann-Legionnet, A., Delettre, Y., Aviron, S., Billeter, R., Bugter, R., Hendrickx, F. & Burel, F. (2010)"Intensification of agriculture, landscape composition and wild bee communities: a large scale study in four European countries." Agriculture, Ecosystems and Environment. 137 (1-2): 143-150
404. Lee, E. E. (1984) The effect of reduced cultivation on selected soil fauna. Salford. Ph.D.
405. Lemke, A. & Poehling , H. M. (1997). Effects of sown weed strips in winter wheat on the abundance of cereal aphids and spiders. Mitteilungen Der Deutschen Gesellschaft Fur Allgemeine Und Agewandte Entomologie, Band 11, Heft 1-6, Dezember 1997 - Entomologi
406. Littlewood, N. A. (2008). "Grazing impacts on moth diversity and abundance on a Scottish upland estate." Insect Conservation and Diversity 1(3): 151-160.
407. Lösch, R., Thomas, D., Kaib, U. & Peters, F. (1994). Resource use of crops and weeds on extensively managed field margins. Field margins: integrating agriculture and conservation. Proceedings of a symposium held at Coventry, UK, 18-20 April 1994. pp. 203-208.
408. Lövei, G. L., Magura, T., Sigsgård, L. & Ravn, H. P. (2002). Patterns in ground beetle (Coleoptera: Carabidae) assemblages in single-row hedgerows in a Danish agricultural landscape. In Szyszko, J., den Boer, P. & Bauer, T., (eds.). How to protect or what we know about Carabid Beetles. Proceedings of the 10th European Meeting of Carabidologists. Agricultural University Press, Warsaw, Poland, 201-212. 201-212
409. Lubbe, S. K. & Snoo, G. R. d. (2007). "Effect of dairy farm management on Swallow Hirundo rustica abundance in The Netherlands: dairy farm management methods have no influence on numbers of Swallow breeding pairs." Bird Study 54(2): 176-181.
410. Lübke-Al-Hussein, M. & Al-Hussein, I. A. (2006). Suitability of spiders and rove beetles as indicators for assessment of effects of cultivation - rearrangement from conventional to ecological farming. Mittelilungen der Deutschen Gesellshaft fur allgemeine und angewandte Entomologie 15:425-428
411. Luff, M. L. & Rushton, S. P. (1988). "The effects of pasture improvement on the ground beetle and spider fauna of upland grasslands." Aspects of Applied Biology 17(1): 67-74.
412. Luka, H., Lutz, M., Blick, T. & Pfiffner, L. (2001). "The influence of sown wildflower strips on ground beetles and spiders (Carabidae & Araneae) in an intensively cultivated agricultural area (Grosses Moos, Switzerland)." Peckiana (1): 45-60.
413. Luka, H., Uehlinger, G.,Pfiffner, L., Mahlethaler, R. & Blick, T. (2006). "Extended field margins - a new element of ecological compensation in farmed landscapes - deliver positive impacts for Articulata." Agrarforschung 13(9): 386-391.
414. Lye, G. C., Park, K., Osborne, J., Holland, J. & Goulson, D.. (2009). "Assessing

Reference
the value of Rural Stewardship schemes for providing foraging resources and nesting habitat for bumblebee queens (Hymenoptera: Apidae)." Biological Conservation 142(10): 2023
415. Lynas, P. (2005) The ecology of skylarks Alauda Arvensis in grassland dominated farmland. Queen's University Belfast. Ph.D.
416. Lys, J. A., Zimmermann, M. & Nentwig, W. (1994). "Increase in Activity Density and Species Number of Carabid Beetles in Cereals as a Result of Strip-Management." Entomologia Experimentalis Et Applicata 73(1): 1-9.
417. MacDonald, D. W. & Johnson, P. J. (1995). "The relationship between bird distribution and the botanical and structural characteristics of hedges." Journal of Applied Ecology 32(3): 492-505.
418. Macfadyen, S., Gibson, R., Polaszek, A., Morris, R. J., Craze, P. G., Planque, R., Symondson, W. O. C. & Memmott, J. (2009). "Do differences in food web structure between organic and conventional farms affect the ecosystem service of pest control?" Ecology Letters 12(3): 229-238
419. Macfadyen, S., Gibson, R., Raso, L., Sint, D., Traugott, M. & Memmott, J. (2009). "Parasitoid control of aphids in organic and conventional farming systems." Agriculture, Ecosystems & Environment 133(1/2): 14-18.
420. MacLeod, A. (1994) Provision of plant resources for beneficial arthropods in arable ecosystems. Southampton. Ph.D.
421. MacLeod, A., Wratten, S. D., Sotherton, N. W.& Thomas, M. B.(2004). "'Beetle banks' as refuges for beneficial arthropods in farmland: long-term changes in predator communities and habitat." Agricultural and Forest Entomology 6(2): 147-154.
422. Macleod, C. J., Parish, D. M. B. & Hubbard, S. F. (2004). "Habitat associations and breeding success of the Chaffinch Fringilla coelebs: Capsule Population trends for Chaffinch on farmland are unlikely to be explained by their preference for non-crop habitats alone." Bird Study 51(3): 239-247
423. Maes, J., Musters, C. J. M. & Snoo, G. R. de (2008). "The effect of agri-environment schemes on amphibian diversity and abundance." Biological Conservation 141(3): 635-645.
424. Mand, M., Martin, A. J., Viiralt, R., Gehermann, V., Karise, R. & Koskor, E.(2004). "Bumble bee food resources in organic and conventional farms in Estonia." Agraarteadus 15(1): 28-37.
425. Manhoudt, A. G. E., Visser, A. J. & Snoo, G. R. d. (2007). "Management regimes and farming practices enhancing plant species richness on ditch banks." Agriculture, Ecosystems & Environment 119(3-4): 353-358.
426. Marriott, C. A., Hood, K.,Fisher, J. M. & Pakeman, R. J. (2009). "Long-term impacts of extensive grazing and abandonment on the species composition, richness, diversity and productivity of agricultural grassland." Agriculture, Ecosystems & Environment 134(3-4): 190-200
427. Marshall, E. J. P. & Nowakowski, M. (1996). "Interactions between cutting and a graminicide on a newly-sown grass and wild flower field margin strip." Aspects

Reference
of Applied Biology (44): 307-312.
428. Marshall, E. J. P. & West, T. M. (2007). Impacts of field margins, landscape and crop on the distributions of Syrphidae on an arable farm. Aspects of applied Biology 81:91-100
429. Marshall, E. J. P., Baudry, J., Moonen, C., Fevre, E. & Thomas, C. F. G. (1996). "Factors affecting floral diversity in European field margin networks." IALE Conf (UK) 97-104.
430. Marshall, E. J. P., Maudsley, M. J., West, T. M. & Rowcliffe, H. R. (2001). Effects of management on the biodiversity of English hedgerows. Hedgerows of the World: Their Ecological Functions in Different Landscapes 10th Annual Conf IALE (UK) (eds Barr, C & Sandrine, S).
431. Marshall, E. J. P., West, T. M. & Kleijn, D. (2006). "Impacts of an agri-environment field margin prescription on the flora and fauna of arable farmland in different landscapes." Agriculture, Ecosystems & Environment 113(1/4): 36-44.
432. Marshall, E. J. P., West, T. M. & Winstone, L. (1994). "Extending field boundary habitats to enhance farmland wildlife and improve crop and environmental protection in arable farming systems." Proc of 3rd Congress of European Soc for Agronomy Padova.
433. Marshall, E. J. P.West, T. M. & Maudsley, M. J. (2001). Treatments to restore the diversity of herbaceous flora of hedgerows. Hedgerows of the world: their ecological functions in different landscapes. Proceedings of the 10th Annual Conference of IALE (eds Barr, C & Sandrine,S).
434. Marshall, G. M. (2007). "The effect of arable field margin structure and composition on Orthoptera assemblages." Aspects of Applied Biology (81): 231-238.
435. Mason, C. & Macdonald, S. (2000). "Influence of landscape and land-use on the distribution of breeding birds in farmland in eastern England." Journal of Zoology 251(03): 339-348.
436. Mason, C. F. & Macdonald, S. M. (1999). "Winter bird numbers and land-use preferences in an arable landscape in eastern England." Bird Conservation International 9(2): 119-127.
437. Mason, C. F. & Macdonald, S. M. (2000). "Corn Bunting Miliaria calandra populations, landscape and land-use in an arable district of eastern England." Bird Conservation International 10(2): 169-186.
438. Mason, C. F. & Macdonald, S. M. (2004). "Distribution of foraging rooks, Corvus frugilegus, and rookeries in a landscape in eastern England dominated by winter cereals." Folia Zoologica 53(2): 179-188.
439. Maudsley, M. J., West, T., Rowcliffe, H. & Marshall, E. J. P. (1997). Spatial variability in plant and insect (Heteroptera) communities in hedgerows in Great Britain. Species dispersal and land use processes.Proceedings of the Sixth Annual IALE (UK) Conference (Eds Cooper A & Power J).
440. Maudsley, M.J., Marshall, E. J. P. & West, T.M. (2000). Guidelines for hedge management to improve the conservation value of different types of hedge. A report for Defra. IACR Long Ashton Research Station.pp.10.

Reference
441. May, M. & Nowakowski, M. (2003). "Using headland margins to boost environmental benefits of sugar beet." British Sugar Beet Review 71(2): 48-51.
442. Mayer, F., Heinz, S. & Kuhn, G. (2008). "Effects of agri-environment schemes on plant diversity in Bavarian grasslands." Community Ecology 9(2): 229-236.
443. McAdam, J. H., Bell, A. C., Gilmore, C., Mulholland, F. & Henry, T. (1996). "The effects of different hedge restoration strategies on biodiversity." Vegetation management in forestry, amenity and conservation areas: managing for multiple objectives. Aspects of Applied Biology 44: 363-367
444. McAdam, J., McEvoy, P., Flexen, M. & Hoppa, G. (2005). "Biodiversity monitoring and policy support in northern Ireland." Special issue: Biodiversity in the farmed landscape: building a knowledge base to inform agri-environmental policy.
445. McEvoy, P. M., Flexen, M. & McAdam, J. H.(2006). "The Environmentally Sensitive Area (ESA) scheme in northern Ireland: ten years of agri-environment monitoring." Biology and Environment: Proceedings of the Royal Irish Academy, Section B 106B(3): 413-423.
446. McFerran, D. M., Montgomery, W. I. & McAdam, J. H.(1994). "The Impact of Grazing on Communities of Ground-Dwelling Spiders (Araneae) in Upland Vegetation Types." Biology and Environment-Proceedings of the Royal Irish Academy 94B(2): 119-126.
447. McMahon, B. J. (2005) Avian biodiversity in farmland. University College Dublin. Ph.D.
448. McMahon, B. J., Whelan, J., Bracken, F. & Kavanagh, B. (2003). "The impact of farming on over-wintering bird populations." Tearmann 3(1): 67-76.
449. 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(2): 259-271.
450. Merckx, T., Feber, R. E., Dulieu, R. L., Townsend, M. C., Parsons, M. S., Bourn, N. A. D., Riordan, P. & Macdonald, D. W. (2009). "Effect of field margins on moths depends on species mobility: field-based evidence for landscape-scale conservation." Agriculture, Ecosystems and Environment. 129(1-3): 302-309
451. Merckx, T., Feber, R. E., Riordan, P., Townsend, M. C., Bourn, N. A. D., Parsons, M. S. & Macdonald, D. W. (2009). "Optimizing the biodiversity gain from agri-environment schemes." Agriculture, Ecosystems and Environment 130(3-4): 177-182.
452. Metzke, M., Potthoff, M., Quintern, M., Hess, J. & Joergensen, R. G.. (2007). "Effect of reduced tillage systems on earthworm communities in a 6-year organic rotation." 43(Suppl.1): S209-S215.
453. Michel, N., Burel, F. & Butet, A. (2006). "How does landscape use influence small mammal diversity, abundance and biomass in hedgerow networks of farming landscapes?" Acta Oecologica 30(1): 11-20.
454. Michel, N., Burel, F., Legendre, P. & Butet, A.(2007). "Role of habitat and landscape in structuring small mammal assemblages in hedgerow networks of contrasted farming landscapes in Brittany, France." Landscape Ecology 22(8): 1241-

Reference
1253.
455. Miyazawa, K., Tsuji, H., Yamagata, M., Nakano, H. & Nakamoto, T.(2002). "The effects of cropping systems and fallow managements on microarthropod populations." Plant Production Science 5(3): 257-265.
456. Moles, R. T. & Breen, J. (1995). "Long-term change within lowland farmland bird communities in relation to field boundary attributes." Biology and Environment-Proceedings of the Royal Irish Academy 95B(3): 203-215.
457. Moonen, A. C. & Marshall, E. J. P. (2001). "The influence of sown margin strips, management and boundary structure on herbaceous field margin vegetation in two neighbouring farms in southern England." Agriculture, Ecosystems & Environment 86(2): 187-202.
458. Moorcroft, D. (2000) The causes of the decline of the linnet Carduelis cannabina within the agricultural landscape. Oxford. D.Phil.
459. Moorcroft, D., Whittingham, M. J., Bradbury, R. B. & Wilson, J. D. (2002). "The selection of stubble fields by wintering granivorous birds reflects vegetation cover and food abundance." Journal of Applied Ecology 39(3): 535-547.
460. Moreby, S. & Southway, S. (2002). "Cropping and year effects on the availability of invertebrate groups important in the diet of nestling farmland birds." Birds and agriculture: Heriot-Watt University, Edinburgh, 18-19 March 2002: 107.
461. Moreby, S. J. & Sotherton, N. W. (1997). "A comparison of some important chick-food insect groups found in organic and conventionaly-grown winter wheat fields in southern England." Biological Agriculture & Horticulture 15(1-4): 51-60.
462. Moreby, S. J. (1996). "The effects of organic and conventional farming methods on plant bug densities (Hemiptera: Heteroptera) within winter wheat fields." Annals of Applied Biology 128(3): 415-421.
463. Moreby, S. J. (2002). Permanent and temporary linear habitats as food sources for the young of farmland birds. Aberdeen, International Association for Landscape Ecology (IALE(UK)): 327-332.
464. Moreby, S. J. (2007). "Invertebrate distributions between permanent field boundary habitats and temporary stubble set-aside." Aspects of Applied Biology (81): 207-212.
465. Moreby, S. J.& Southway, S.E. (1999). "Influence of autumn applied herbicides on summer and autumn food available to birds in winter wheat fields in southern England." Agriculture, Ecosystems & Environment 72(3): 285-297.
466. Moreby, S. J.& Southway, S.E. (2000). "Management of stubble-set-aside for invertebrates important in the diet of breeding farmland birds." Aspects of Applied Biology (62): 39-46.
467. Moreby, S. J.& Southway, S.E. (2001). The importance of hedgerow field boundaries to densities of beneficial invertebrates in cereals. Aberdeen, International Association for Landscape Ecology (IALE(UK)): 213-218.
468. Moreby, S. J., Aebischer, N. J., Southway, S. E. & Sotherton, N. W. (1994). "A comparison of the flora and arthropod fauna of organically and conventionally grown winter wheat in southern England." Annals of Applied Biology 125(1): 13-27.

Reference
469. Moreby, S. J., Southway, S. & Boatman, N. D.(1999). "The importance of the crop edge compared to the mid-field, in providing invertebrate food for farmland birds." Aspects of Applied Biology(no. 54): 217-222.
470. Morgan, M., McLean, B. M. & Davies, O. D. (2008). Long term studies to determine management practices to enhance biodiversity within semi-natural grassland communities. Grassland Science in Europe, Volume 13. Uppsala.
471. Morris, A. J., Bradbury, R. B. & Evans, A. D. (2003). Sustainable arable farming for an improved environment: the effects of novel winter wheat sward management on Skylarks (Alauda arvensis).BCPC International Congress Crop Science & Technology 2003.
472. Morris, A. J., Bradbury, R. B. & Wilson, J. D. (2002). "Determinants of patch selection by yellowhammers Emberiza citrinella foraging in cereal crops." Aspects of Applied Biology (67): 43-50.
473. Morris, A. J., Whittingham, M. J., Bradbury, R. B., Wilson, J. D., Kyrkos, A., Buckingham, D. L. & Evans, A. D.. (2001). "Foraging habitat selection by yellowhammers (Emberiza citrinella) nesting in agriculturally contrasting regions in lowland England." Biological Conservation 101(2):197-210
474. Morris, A. J., Wilson, J. D., Whittingham, M. J. & Bradbury, R. B. (2005). "Indirect effects of pesticides on breeding yellowhammer (Emberiza citrinella)." Agriculture, Ecosystems & Environment 106(1): 1-16.
475. 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(Suppl.2): 155-162.
476. Mortimer, S. R., Westbury, D. B., Dodd, S., Brook, A. J., Harris, S. J., Kessock-Philip, R., Chaney, K., Lewis, P., Buckingham, D. L. & Peach, W. J. (2007). Cereal-based whole crop silages: potential biodiversity benefits of cereal production in pastoral habitats. Aspects of Applied Biology 81: 77-86
477. Murray, K. A. (2004) Factors affecting foraging by breeding farmland birds. Open University. Ph.D.
478. Murray, K. A., Wilcox, A. & Stoate, C. (2002). A simultaneous assessment of farmland habitat use by breeding skylarks and yellowhammers. Aspects of Applied Biology 67: 121-127.
479. Musters, C. J. M.,Alebeek, F. van., Geers, R. H. E. M., Korevaar, H., Visser, A. & Snoo, G. R. de (2009). "Development of biodiversity in field margins recently taken out of production and adjacent ditch banks in arable areas." Agriculture, Ecosystems & Environment 129 (1-3): 131-139
480. Nagy, S., Nagy, K. & Szep, T. (2009). "Potential impact of EU accession on common farmland bird populations in Hungary." Acta Ornithologica 44(1): 37-44.
481. Neumann, H. & Koop, B. (2004). "Influence of organic field cultivation on the skylark - investigations in two areas in Schleswig-Holstein." Einfluss der Ackerbewirtschaftung auf die Feldlerche (Alauda arvensis) im ökologischen Landbau - Untersuchungen in
482. Neumann, H., Loges, R. & Taube, F (2008). Comparative analysis of

Reference
conventional and organic farming systems: diversity and abundance of farmland birds. Bonn, International Society of Organic Agricultural Research (ISOFAR): 644-647.
483. Neumann, H., Loges, R. & Taube, F. (2007). "Does organic farming benefit the diversity and abundance of breeding birds on arable land? Results from the hedge landscape of Schleswig-Holstein." Fördert der ökologische Landbau die Vielfalt und Häufigkeit 85: 272-299
484. Neve, P., Mortimer, A. M. & Putwain, P. D. (1996). "Management options for the establishment of communities of rare arable weeds on set-aside land." Aspects Of Applied Biology (44): 257-262.
485. Norton, L. R., Fuller, R. J., Feber, R. E., Johnson, P. J., Chamberlain, D. E., Joys, A. C., Mathews, F., Stuart, R. C., Townsend, M. C., Manley, W. J., Wolfe, M. S., MacDonald, D. W. & Firbank, L. G.(2006). "The benefits of organic farming for biodiversity." Aspects of Applied Biology 79: 191-194
486. Oberg, S. (2007). "Diversity of spiders after spring sowing - influence of farming system and habitat type." Journal of Applied Entomology 131(8): 524-531.
487. Öberg, S. (2009). "Influence of landscape structure and farming practice on body condition and fecundity of wolf spiders." Basic and Applied Ecology 10(7): 614-621.
488. Oberg, S., Ekbom, B. & Bommarco, R. (2007). "Influence of habitat type and surrounding landscape on spider diversity in Swedish agroecosystems." Agriculture Ecosystems & Environment 122(2): 211-219.
489. Ockinger, E. & Smith, H. G. (2007). "Semi-natural grasslands as population sources for pollinating insects in agricultural landscapes." Journal of Applied Ecology 44(1): 50-59.
490. Odderskær, P., Prang, A., Poulsen, J. G., Andersen, P. N., Elmegaard, N. (1997). "Skylark (Alauda arvensis) utilisation of micro-habitats in spring barley fields." Agriculture, Ecosystems & Environment 62(1): 21-29.
491. Odderskar, P. (2002). "Consequences for the skylark after a change to organic farming." Konsekvenser for sanglaerken ved omlaegning til okologisk jordbrug.(no.12): 139-169.
492. Ondine, F. C., Jean, C. & Romain, J.(2009). "Effects of organic and soil conservation management on specialist bird species." Agriculture, Ecosystems & Environment 129(1/3): 140-143.
493. Osborne, P. (1984). "Bird Numbers and Habitat Characteristics in Farmland Hedgerows." Journal of Applied Ecology 21(1): 63-82.
494. Ottvall, R.& Smith, H. G (2006). "Effects of an agri-environment scheme on wader populations of coastal meadows of southern Sweden." Agriculture, Ecosystems & Environment 113(1-4): 264-271.
495. Ouin, A. & Burel, F. (2002). "Influence of herbaceous elements on butterfly diversity in hedgerow agricultural landscapes." Agriculture, Ecosystems & Environment 93(1/3): 45-53.
496. Pacha, M. J. & Petit, S. (2008). "The effect of landscape structure and habitat

Reference
quality on the occurrence of Geranium sylvaticum in fragmented hay meadows." Agriculture, Ecosystems & Environment 123(1/3): 81-87.
497. Pacha, M. J. D. V. (2004) Fragmentation of northern hay meadows and the populations of Geranium sylvaticum in the Yorkshire Dales National Park. Lancaster. Ph.D.
498. Parish, D. M. B. & Sotherton, W. N. (2004). "Game crops and threatened farmland songbirds in Scotland: a step towards halting population declines?: Capsule During winter songbirds were far more abundant in game cover crops than conventional agricultural habitats." Bird Study 51: 107-112
499. Parish, D. M. B. and Sotherton, N. W. (2004). "Game crops as summer habitat for farmland songbirds in Scotland." Agriculture, Ecosystems & Environment 104(3): 429-438.
500. Parish, D. M. B. and Sotherton, N. W. (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: game cover crops in a pastoral region of southwest Scotland supported passerines at more than twice the density found in similar crops in an arable region." Bird Study 55(1): 2008
501. Pärt, T. & Söderström, B. (1999). "Conservation value of semi-natural pastures in Sweden: contrasting botanical and avian measures." Conservation Biology 13(4): 755-765.
502. Pärt, T. & Söderström, B. (1999). "The effects of management regimes and location in landscape on the conservation of farmland birds breeding in semi-natural pastures - A comparison of clearouts and grasslands." Biological Conservation 90: 113-123.
503. Pawlikowski, T. (1987). "Effects of farming systems on wild bees in the agricultural environment." Acta Universitatis Nicolai Copernici, Biologia 35: 153-167.
504. Pawlikowski, T. (1989). "The structure of wild bee communities in farming areas of different field sizes." Acta Universitatis Nicolai Copernici, Biologia 33: 31-46.
505. Peach, W. J., Denny, M., Cotton, P. A., Hill, I. F., Gruar, D., Barritt, D., Impey, A. & Mallord, J. (2004). "Habitat selection by song thrushes in stable and declining farmland populations." Journal of Applied Ecology 41(2): 275-293.
506. Peach, W., Lovett, L. J., Wotton, S. R. & Jeffs, C. (2001). "Countryside stewardship delivers cirl buntings (Emberiza cirlus) in Devon, UK." Biological Conservation 101(3): 361-373.
507. Peigne, J., Cannavaciuolo, M., Gautronneau, Y., Aveline, A., Giteau, J. L. & Cluzeau, D. (2009). "Earthworm populations under different tillage systems in organic farming." Soil & Tillage Research 104(2): 207-214.
508. Pelosi, C., Bertrand, M. & Roger-Estrade, J. (2009). "Earthworm community in conventional, organic and direct seeding with living mulch cropping systems." Agronomy for Sustainable Development 29(2): 287-295.
509. Pena, N. M. d. l., Butet, A., Delettre, Y., Morant, P. & Burel, F. (2003). "Response of the small mammal community to changes in western French agricultural landscapes." Landscape Ecology 18(3): 265-278.

Reference
510. Peña, N. M. d. l., Butet, A., Delettre, Y., Morant, P. & Burel, F.(2003). "Landscape context and carabid beetles (Coleoptera: Carabidae) communities of hedgerows in western France." Agriculture, Ecosystems & Environment 94(1): 59-72.
511. Peres, G., Piron, D., Bellido, A., Goater, C. & Cluzeau, D. (2008). "Earthworms used as indicators of agricultural managements." Fresenius Environmental Bulletin 17(8b): 1181-1189.
512. Perkins, A. J., Maggs, H. E. & Wilson, J. D. (2008). "Winter bird use of seed-rich habitats in agri-environment schemes." Agriculture, Ecosystems & Environment 126(3/4): 189-194.
513. Perkins, A. J., Whittingham, M. J., Bradbury, R. B., Wilson, J. D., Morris, A. J. & Barnett, P. R.(2000). "Habitat characteristics affecting use of lowland agricultural grassland by birds in winter." Biological Conservation 95: 279-294.
514. Perkins, A. J., Whittingham, M. J., Morris, A. J. & Bradbury, R. B. (2002). "Use of field margins by foraging yellowhammers Emberiza citrinella." Agriculture, Ecosystems & Environment 93(1/3): 413-420.
515. Peter, M., Edwards, P. J., Jeanneret, P., Kampmann, D. & Lascher, A.. (2008). "Changes over three decades in the floristic composition of fertile permanent grasslands in the Swiss Alps." Agriculture, Ecosystems & Environment 125(1/4): 204-212.
516. Petersen, H. (2002). "Effects of non-inverting deep tillage vs. conventional ploughing on collembolan populations in an organic wheat field." European Journal of Soil Biology 38(2): 177-180.
517. Petersen, S., Axelsen, J. A., Tybirk, K., Aude, E. & Vestergaard, P. (2006). "Effects of organic farming on field boundary vegetation in Denmark." Agriculture, Ecosystems & Environment 113(1-4): 302-306.
518. Petit, S. & Elbersen, B. (2006). "Assessing the risk of impact of farming intensification on calcareous grasslands in Europe. A quantitative implementation of the MIRABEL Framework." Ambio 35: 297-303.
519. Pfiffner, L. & Luka, H. (1999). Higher carabid species diversity due to organic farming, which species will be increased? Communications of the German Society for General and Applied Entomology, Vol 12, nos 1-6, Feb 2000. D. Mossakowski. 12: 343-346.
520. Pfiffner, L. & Luka, H. (2000). "Overwintering of arthropods in soils of arable fields and adjacent semi-natural habitats." Agriculture, Ecosystems & Environment 78(3): 215-222.
521. Pfiffner, L. & Luka, H. (2003). "Effects of low-input farming systems on carabids and epigeal spiders - a paired farm approach." Basic and Applied Ecology 4(2): 117-127.
522. Pfiffner, L. & Luka, H. (2006). Effect of two low-input farming systems on carabids and epigeal spiders - considering nearby seminatural habitats. Maglichkeiten und Grenzen der Akologisierung der Landwirtschaft - wissenschaftliche Grundlagen und praktisch
523. Pfiffner, L. & Luka, H. (2007). "Earthworm populations in two low-input

Reference
cereal farming systems." Applied Soil Ecology 37(3): 184-191.
524. Pfiffner, L. & Niggli, U. (1996). "Effects of bio-dynamic, organic and conventional farming on ground beetles (Col Carabidae) and other epigaeic arthropods in winter wheat." Biological Agriculture & Horticulture 12(4): 353-364.
525. Pfiffner, L. (1996). "Which farming methods enhance faunal diversity?" Agrarforschung 3(11/12): 527-530.
526. Pietro, F. di. & Genin, A. (2001). Diversity of field margins in an intensive crop region (Gatine lochoise, France): explanatory factors and effects on biodiversity. Hedgerows of the world: their ecological function in different landscapes. Proc of 10th IALE conference.
527. Piha, M., Tiainen, J., Holopainen, J. & Vepsalainen, V. (2007). "Effects of land-use and landscape characteristics on avian diversity and abundance in a boreal agricultural landscape with organic and conventional farms." Biological Conservation 140(1-2): 50-61
528. Pilgrim, E. S., Potts, S. G., Vickery, J., Parkinson, A. E., Woodcock, B. A., Holt, C., Gundrey, A. L., Ramsay, A. J., Atkinson, P., Fuller, R. & Tallowin, J. R. B. (2007). Enhancing wildlife in the margins of intensively managed grass fields. British Grassland Society Symposium 38.
529. Pinke, G., Pal, R., Botta-Dukat, Z. & Chytry, M. (2009). "Weed vegetation and its conservation value in three management systems of Hungarian winter cereals on base-rich soils." Weed Research 49(5): 544-551.
530. Plesner Jensen, S. (1994) Ecology and behaviour of small mammals on expanded field margins. Oxford. D.Phil.
531. Pocock, M. J. O. & Jennings, N. (2008). "Testing biotic indicator taxa: the sensitivity of insectivorous mammals and their prey to the intensification of lowland agriculture." Journal of Applied Ecology 45(1): 151-160.
532. Poetsch, E. M.,Blaschka, A. & Resch, R. (2005). Impact of different management systems and location parameters on floristic diversity of mountainous grassland. Integrating Efficient Grassland and Biodiversity.Vol 10.
533. Pollard, K. A. & Holland, J. M. (2006). "Arthropods within the woody element of hedgerows and their distribution pattern." Agricultural and Forest Entomology 8(3): 203-211.
534. Pommeresche, R. (2004). "Surface-active spiders (Araneae) in ley and field margins." norwegian Journal of Entomology 51(1): 57-66.
535. Poptcheva, K., Schwartze, P., Vogel, A., Kleinebecker, T. & Hölzel, N. (2009). "Changes in wet meadow vegetation after 20 years of different management in a field experiment (north-West Germany)." Agriculture, Ecosystems & Environment 134(1-2): 108-114.
536. Porhaja¡ova¡, J., Petrlcevalska, V., Peterkova¡, V. & Urminska¡, J. (2004). "Effects of agronomic practices on the population of Carabidae (Coleoptera)." Acta Fytotechnica et Zootechnica 7(1): 24-27.
537. Potts, G. R. (1970). "The effects of the use of herbicides in cereals on the feeding ecology of partridges." 299-302.

Reference
538. Potts, G. R. (2003). Balancing biodiversity and agriculture. Alton, British Crop Protection Council: 35-44.
539. Potts, G. R.,Ewald, J. A. & Aebischer, N. J. (2010). "Long-term changes in the flora of the cereal ecosystem on the Sussex Downs, England, focusing on the years 1968-2005." Journal of Applied Ecology 47(1): 215-226.
540. Potts, S. G., Woodcock, B.A., Roberts, S.P.M., Tscheulin, T., Pilgrim, E.S., Brown, V.K. & Tallowin, J.R.(2009). "Enhancing pollinator biodiversity in intensive grasslands." Journal of Applied Ecology 46(2): 369-379.
541. Poulsen, J. G., Sotherton, N. W. & Aebischer, N. J. (1998). "Comparative nesting and feeding ecology of skylarks Alauda arvensis on arable farmland in southern England with special reference to set-aside." Journal of Applied Ecology 35: 131-147.
542. Poyry, J., Lindgren, S., Salminen, J. & Kuussaari, M. (2005). "Responses of butterfly and moth species to restored cattle grazing in semi-natural grasslands." Biological Conservation 122(3): 465-478.
543. Poyry, J., Lindgren, S., Salminen, J. & Kuussaari, M.. (2004). "Restoration of butterfly and moth communities in semi-natural grasslands by cattle grazing." Ecological Applications 14(6): 1656-1670.
544. Priednieks, A. A. J. (2008). "Ten years of farmland bird monitoring in Latvia: population changes 1995 – 2004." Revista Catalana d'Ornitologia 24: 53-64
545. Purtauf, T., Roschewitz, I., Dauber, J., Thies, C., Tscharntke, T. & Wolters, V. (2005). "Landscape context of organic and conventional farms: influences on carabid beetle diversity." Agriculture, Ecosystems & Environment 108(2): 165-174.
546. Pykala, J. (2003). "Effects of restoration with cattle grazing on plant species composition and richness of semi-natural grasslands." Biodiversity and Conservation 12(11): 2211-2226.
547. Pykala, J. (2005). "Plant species responses to cattle grazing in mesic semi-natural grassland." Agriculture, Ecosystems & Environment 108(2): 109-117.
548. Pywell, R. & Nowakowski, M. (2007). Creation and Management of Pollen and Nectar Habitats on Farmland: Annual report 2006/7.
549. Pywell, R. & Nowakowski, M. (2008). Farming for Wildlife Project: Annual Report 2007/8.
550. Pywell, R. F., Hulmes, L., Meek, W. R. & Nowakowski, M. (2010). Practical management of scarce arable plant populations. AAB 100. Agri-environment schemes - what have they achieved and where do we go from here?, Association of Applied Biologists: 375-380.
551. Pywell, R. F., James, K. L., Herbert, I., Meek, W. R., Carvell, C., Bell, D. & Sparks, T. H. (2005). "Determinants of overwintering habitat quality for beetles and spiders on arable farmland." Biological Conservation 123(1): 79-90.
552. Pywell, R. F., Meek, W .R., Hulmes, L. & Nowakowski, M. (2010). Designing multi-purpose habitats: utilisation of wild bird seed species by pollinating insects. Aspects of Applied Biology 100: 421-426

Reference
553. Pywell, R. F., Meek, W. M., Carvell, C. & Hulmes, L. (2007). "The SAFFIE project: enhancing the value of arable field margins for pollinating insects." Association of Applied Biologists (81): 239-245.
554. Pywell, R. F., Shaw, L., Meek, W., Turk, A., Shore, R. F. & Nowakowski, M. (2007). "Do wild bird seed mixtures benefit other taxa?" Association of Applied Biologists (81): 69-76.
555. Pywell, R. F., Warman, E. A., Carvell, C., Sparks, T. H., Dicks, L. V., Bennett, D., Wright, A., Critchley, C. N. R. & Sherwodd, A. (2005). "Providing foraging resources for bumblebees in intensively farmed landscapes." Biological Conservation 121(4): 479
556. Pywell, R. F., Warman, E. A., Sparks, T. H., Greatorex-Davies, N. J., Walker, K., Meek, W. R., Carvell, C., Petit, S. & Firbank, L. G. (2004). "Assessing habitat quality for butterflies on intensively managed arable farmland." Biological Conservation 118(3): 313-325
557. Pywell, R. F., Warman, E.A., Hulmes, L., Hulmes, S., Nuttall, P., Sparks, T. H., Critchley, C. N. R. & Sherwood, A. (2006). "Effectiveness of new agri-environment schemes in providing foraging resources for bumblebees in intensively farmed landscapes." Biological Conservation 129(2): 192-206
558. Pywell, R. F., Woodcock, B.A., Orr, R., Tallowin, J.R.B., McEwen, I., Nowakowski, M. & Bullock, J.M. (2010). Options for wide scale enhancement of grassland biodiversity under the Entry Level Scheme. Aspects of Applied Biology 100: 125-132
559. Pywell, R. F.,Meek, W. R., Hulmes, L. & Nowakowski, M. (2010) Creation and management of pollen and nectar habitats on farmland. Aspects of Applied Biology: 369-374
560. Pywell, R., Hulmes, L., Meek, W. & Nowakowski, M. (2008). Creation and Management of Pollen and Nectar Habitats on Farmland: Annual report 2007/8.
561. Quaisser, C., Forster, G. & Roth, M.(1997). Agroecosystems as a food resource for insectivorous birds. Mitteilungen Der Deutschen Gesellschaft Fur Allgemeine Und Agewandte Entomologie, Band 11, Heft 1-6, Dezember 1997 - Entomologists Conference.
562. Rahmann, G., Paulsen, H., Hötker, H., Jeromin, K., Schrader, S., Haneklaus, S. & Schnug, E. (2006). Contribution of organic farming to conserving and improving biodiversity in Germany, (Aves) fauna as an example. Aspects of Applied Biology 79: 187-190.
563. Ramsay, A. J., Potts, S. G., Westbury, D. B., Woodcock, B. A., Tscheulin, T. R., Harris, S. J. & Brown, V. K. (2007). "Response of planthoppers to novel margin management in arable systems." Aspects of Applied Biology (81): 47-52.
564. Randall, N. (1999). "How modern farming practice affects dolerine sawflies." Antenna (London) 23(2): 102-106.
565. Rands, M. R. W. & Sotherton, N. W. (1986). "Pesticide use on cereal crops and changes in the abundance of butterflies on arable farmland in England." Biological Conservation 36(1): 71-82.

Reference
566. Rands, M. R. W.,Sotherton, N. W. & Moreby, S. J. (1985). Some effects of cereal pesticides on gamebirds and other farmland fauna. In: Recent developments in cereal production. University of Nottingham, Nottingham pp. 98-113.
567. Ratschker, U. M. & Roth, M. (2000). "Comparative studies on spider communities of biodynamic and conventional fields in the northeast German Plain." Mitteilungen der Deutschen Gesellschaft fÃ¼r allgemeine und angewandte Entomologie 12(1-6): 359-364.
568. Reddersen, J. (1997). "The arthropod fauna of organic versus conventional cereal fields in Denmark." Biol. Agric. &. Hortic 15(1-4): 61-71.
569. Redpath, N.,Osgathorpe, L. M., Park, K. & Goulson, D. (2010). "Crofting and bumblebee conservation: the impact of land management practices on bumblebee populations in northwest Scotland." Biological Conservation 143(2): 492-500.
570. Reid, N., McDonald, R. A. & Montgomery, W. I. (2007). "Mammals and agri-environment schemes: hare haven or pest paradise?" Journal of Applied Ecology 44(6): 1200-1208.
571. Reif, J., Vorisek, P., Stastny, K., Bejcek, V. & Petr, J.(2008). "Agricultural intensification and farmland birds: new insights from a central European country." Ibis 150(3): 596-605.
572. Robinson, L. J., Norris, K. & Atkinson, P. W. (2002). Assessing the post harvest quality of different stubble types for use by seed-eating farmland birds within the agricultural landscape. Avian Landscape Ecology: Pure and Applied Issues in the Large-Scale.
573. Robinson, R. A. & Sutherland, W. J. (1999). "The winter distribution of seed-eating birds: habitat structure, seed density and seasonal depletion." Ecography 22(4): 447-454.
574. Robinson, R. A. (1997) The ecology and conservation of seed-eating birds on farmland. East Anglia. Ph.D.
575. Rohrig, R., Langmaack, M., Schrader, S. & Larink, O. (1998). "Tillage systems and soil compaction - their impact on abundance and vertical distribution of Enchytraeidae." Soil & Tillage Research 46(1-2): 117-127.
576. Ronchi, M., Cantot, P. & Emile, J. C. (2008). "Acceptance capacity of fallows for the grey partridge in the cereal-growing plains of Poitou." Fourrages(196): 473-484.
577. Rook, A. J., Petit, M., Isselstein, J., Osoro, K., Vries, M. F. W. de., Parente, G. & Mills, J. (2004). Effects of livestock breed and stocking rate on sustainable grazing systems: 1. Project description and synthesis of results.Land use systems in grassl
578. Roth, T., Amrhein, V., Peter, B. & Weber, D. (2008). "A Swiss agri-environment scheme effectively enhances species richness for some taxa over time." Agriculture, Ecosystems & Environment 125(1/4): 167-172.
579. Rundlof, M., Bengtsson, J. & Smith, H. G. (2008) "Local and landscape effects of organic farming on butterfly species richness and abundance." Journal of Applied Ecology 45 (3): 813-820
580. Rundlöf, M., Mathilda E. & Henrik, G. S. (2010). "Organic farming at local and

Reference
landscape scales benefits plant diversity." Ecography 33 (3): 514-522
581. Rundlöf, M., Nilsson, H. & Smith, H. G. (2008). "Interacting effects of farming practice and landscape context on bumble bees." Biological Conservation 141(2): 417-426.
582. Rundolf, M. & Smith, H. G. (2006). "The effect of organic farming on butterfly diversity depends on landscape context." Journal of Applied Ecology 43(6): 1121-1127.
583. Saarinen, K. (2002). "A comparison of butterfly communities along field margins under traditional and intensive management in SE Finland." Agriculture, Ecosystems & Environment 90(1): 59-65.
584. Sabatini, M. A., Rebecchi, L., Cappi, C., Bertolani, R. & Fratello, B.. (1997). "Long-term effects of three different continuous tillage practices on Collembola populations." Pedobiologia 41(1-3): 185-193.
585. Sage, R. B., Parish, D. M. B., Woodburn, M. I. A. & Thompson, P. G. L. (2005). "Songbirds using crops planted on farmland as cover for game birds." European Journal of Wildlife Research 51(4): 248-253.
586. Saluchaite, A. (2000). "Studies of beetles in farming lands with different agricultural technologies." (209): 178-179.Saluchaite, A., 2000: Transactions of the Estonian Agricultural University.
587. Sarapatka, B. & Vesely, M. (2005). Carabid beetles (Carabidae) in agroecosystems - case study on the effects of conversion to organic farming and land structure. Bonn, International Society of Organic Agricultural Research (ISOFAR): 563-566.
588. Sarospataki, M., Baldi, A., Batary, P., Jozan, Z., Erdos, S. & Redei, T. (2009). "Factors affecting the structure of bee assemblages in extensively and intensively grazed grasslands in Hungary." Community Ecology 10(2): 182-188.
589. Saunders, H. J. (2000). Bird species as indicators to assess the impact of integrated crop management on the environment: a comparative study. Asprects of Applied Biology: Farming systems for the new Millenium, 18-20 December 2000, Churchill College, Cambridge.
590. Schatz, G. (1997). "Species composition in conventionally and alternatively managed farms in the Mahlviertel." Bundesanstalt fur Alpenlandische Landwirtschaft Gumpenstein pp. 137-138.
591. Schekkerman, H. & Beintema, A. J. (2007). "Abundance of invertebrates and foraging success of Black-tailed Godwit Limosa limosa chicks in relation to agricultural grassland management." Ardea 95(1): 39-54.
592. Schekkerman, H., Teunissen, W. & Oosterveld, E. (2008). "The effect of 'mosaic management' on the demography of black-tailed godwit Limosa limosa on farmland." Journal of Applied Ecology 45(4): 1067-1075.
593. Schifferli, L. (1993). "Birds in Swiss Farmland." Revue Suisse De Zoologie 100(3): 501-518.
594. Schmidt, M. H. & Tscharntke, T. (2005). "Landscape context of sheetweb

Reference
spider (Araneae: Linyphiidae) abundance in cereal fields." Journal of Biogeography 32(3): 467-473.
595. Schmidt, M. H. & Tscharntke, T. (2005). "The role of perennial habitats for Central European farmland spiders." Agriculture, Ecosystems & Environment 105(1-2): 235-242.
596. Schmidt, M. H., Roschewitz, I., Thies, C. & Tscharntke, T. (2005). "Differential effects of landscape and management on diversity and density of ground-dwelling farmland spiders." Journal of Applied Ecology 42(2): 281-287.
597. Schmidt, M. H., Thies, C., Nentwig, W. & Tscharntke, T.(2008). "Contrasting responses of arable spiders to the landscape matrix at different spatial scales." Journal of Biogeography 35(1): 157-166.
598. Schmidt, O., Curry, J. P., Purvis, G. & Clements, R. O. (2001). "Earthworm communities in conventional wheat monocropping and low-input wheat-clover intercropping systems." Annals of Applied Biology 138: 377-388.
599. Schmidt, W., Waldhart, R. & Mrotzek, R. (1995). "Extensification in arable systems: effects on flora, vegetation and soil seed bank - results of the INTEX-project (University of Gattingen)." Tuexenia(15): 415-435.
600. Schmidt-Entling, M. H. & Dobeli, J. (2009). "Sown wildflower areas to enhance spiders in arable fields." Agriculture Ecosystems & Environment 133(1-2): 19-22.
601. Schmitt, G. & Roth, M. (1999). Hymenoptera Parasitica of different agrarian habitat types in the cultural landscape of northeastern Germany. Communications of the German Society for General and Applied Entomology, Vol 12, nos 1-6, Feb 2000.
602. Schrader, S., Kiehne, J., Anderson, T. H., Paulsen, H. M. & Rahmann, G. (2006). "Development of collembolans after conversion towards organic farming." Aspects of Applied Biology (79): 181-185.
603. Schumacher, K. & Freier, B. (2006). Impact of low-input plant protection on functional biodiversity in wheat and pea. Bulletin OILB/SROP 29:121-124
604. Schumacher, K. & Freier, B. (2008). Effects of a low-input pesticide use on tritrophic systems in winter wheat and pea. Mitteilungen Der Deutschen Gesellschaft Fur Allgemeine Und Angewandte Entomologie, Vol 16. J. Haendel. 16: 343-346.
605. Schweiger, O., Maelfait, J. P., Van Wingerden, W., Hendrickx, F., Billeter, R., Speelmans, M., Augenstein, I., Aukema, B., Aviron, S., Bailey, D., Bukacek, R., Burel, F., Diekotter, T., Dirksen, J.,Frenzel, M., Herzog, F., Liira, J., Roubalova, M. & Bugter R. (2005) “Quantifying the impact of environmental factors on arthropod communities in agricultural landscapes across organizational levels and spatial scales.” Journal of Applied Ecology 42(6): 1129-1139
606. Schwenninger, H. R. (1992). "Investigations on the influence of intensity of cultivation in rural areas on the occurrence of insects, with special reference to wild bees." Zoologische Jahrbacher, Abteilung far Systematik, akologie und Geographie

Reference
607. Scimone, M., Rook, A. J., Garel, J. P. & Sahin, N. (2007) Effects of livestock breed and grazing intensity on grazing systems: 3 Effects on diversity of vegetation. Grass and Forage Science 62: 172-184.
608. Scullion, J., Neale, S. & Philipps, L. (2002). "Comparisons of earthworm populations and cast properties in conventional and organic arable rotations." Soil Use and Management 18: 293-300.
609. Scullion, J., Neale, S. & Philipps, L. (2007). "Earthworm casting and burrowing activity in conventional and organic grass-arable rotations." European Journal of Soil Biology 43(Suppl.1): S216-S221.
610. Sendzikaite, J., Pakalnis, R. & Aviziene, D. (2007). Restoration of botanical diversity by extensive management of sown meadows. British Grassland Society Occasional Symposium no.38. Reading, British Grassland Society (BGS): 313-316.
611. Sepp, K., Ivask, M., Kaasik, A., Mikk, M. & Peepson, A. (2005). "Soil biota indicators for monitoring the Estonian agri-environmental programme." Agriculture Ecosystems & Environment 108(3): 264-273.
612. Sepp, K., Mikk, M., Mand, M. & Truu, J (2004). "Bumblebee communities as an indicator for landscape monitoring in the agri-environmental programme." Landscape and Urban Planning 67(1-4): 173-183.
613. Sheldon, R. D. (2002) Factors affecting the distribution, abundance and chick survival of the Lapwing (Vanellus vanellus). Open University. Ph.D.
614. Sheldon, R. D., Chaney, K. & Tyler, G. A. (2007) Factors affecting nest survival of northern Lapwings Vanellus vanellus in arable farmland: an agri-environment scheme prescription can enhance nest survival: Capsule A spring/summer fallow agri-environment
615. Sheridan, H. (2005) The experimental restoration and enhancement of grassland field margins within the Irish Rural Environment Protection Scheme (REPS). University College Dublin. Ph.D.
616. Sheridan, H., Finn, J. A., Culleton, N. & O'Donovanc, G. (2008). "Plant and invertebrate diversity in grassland field margins." Agriculture Ecosystems & Environment 123(1-3): 225-232.
617. Shore, R. F., Meek, W. R., Sparks, T. H., Pywell, R. F. & Nowakowski, M. (2005). "Will Environmental Stewardship enhance small mammal abundance on intensively managed farmland?" Mammal Review 35(3/4): 277-284.
618. Shrubb, M. & Chamberlain, D. E. (2000). "Changes in the abundance of farmland birds in relation to the timing of agricultural intensification in England and Wales. Journal of Applied Ecology 37 771-788
619. Shrubb, M. (1980). "Farming influences on the food and hunting of kestrels." Bird Study 27(2): 109-115.
620. Siriwardena, G. M., Baillie, S. R., Crick, H. Q. P. & Wilson, J. D. (2001). "Changes in agricultural land-use and breeding performance of some granivorous farmland passerines in Britain." Agriculture, Ecosystems & Environment 84(3): 191-

Reference
206.
621. Sjodin, N. E., Bengtsson, J. & Ekbom, B. (2008). "The influence of grazing intensity and landscape composition on the diversity and abundance of flower-visiting insects." Journal of Applied Ecology 45(3): 763-772.
622. Smeding, F. W. & Booij, C. J. H. (1999). "Effect of field margin management on insectivorous birds, aphids and their predators in different landscapes." Aspects of Applied Biology(no. 54): 367-374.
623. Smith, B., Holland, J., Jones, N., Moreby, S., Morris, A. J. & Southway, S. (2009). "Enhancing invertebrate food resources for skylarks in cereal ecosystems: how useful are in-crop agri-environment scheme management options?" Journal of Applied Ecology 46: 692-702
624. Smith, D. W. (2006) Managing agri-environment grass fields and margins for Orthoptera and farmland birds. Reading. Ph.D.
625. Smith, H. G. & Bruun, M. (2002). "The effect of pasture on starling (Sturnus vulgaris) breeding success and population density in a heterogeneous agricultural landscape in southern Sweden." Agriculture Ecosystems & Environment 92(1): 107-114.
626. Smith, H. G., Danhardt, J., Lindstrom, A. & Rundlof, M. (2010). "Consequences of organic farming and landscape heterogeneity for species richness and abundance of farmland birds." Oecologia 162(4): 1071-1079.
627. Smith, H., Feber, R. E., Morecroft, M. D., Taylor, M. E. & Macdonald, D. W. (2010). "Short-term successional change does not predict long-term conservation value of managed arable field margins." Biological Conservation 143(3): 813-822.
628. Smith, J. (2008) Agri-environment schemes and soil biodiversity: assessing the conservation, biodiversity and functional value of arable field margins for soil macrofauna. Reading. Ph.D.
629. Smith, J., Potts, S. G., Woodcock, B. A. & Eggleton, P. (2008). "Can arable field margins be managed to enhance their biodiversity, conservation and functional value for soil macrofauna?" Journal of Applied Ecology 45(1): 269-278.
630. Smith, J.,Potts, S. & Eggleton, P. (2008). "The value of sown grass margins for enhancing soil macrofaunal biodiversity in arable systems." Agriculture, Ecosystems & Environment 127(1/2): 119-125.
631. Smith, R. G., McSwiney, C. P., Grandy, A. S., Suwanwaree, P., Snider, R. M. & Robertson, G. P. (2008). "Diversity and abundance of earthworms across an agricultural land-use intensity gradient." Soil & Tillage Research 100(1/2): 83-88.
632. Smith, R. K., Jennings, N. V., Robinson, A. & Harris, S. (2004). "Conservation of European hares Lepus europaeus in Britain: is increasing habitat heterogeneity in farmland the answer?" Journal of Applied Ecology 41: 1092-1102.
633. Smith, R. S., Shiel, R. S., Millward, D. & Corkhill, P.(2000). "The interactive effects of management on the productivity and plant community structure of an upland meadow: an 8-year field trial." Journal of Applied Ecology 37(6): 1029-1043.

Reference
634. Sobotik, M.,Poppelbaum, C. & Steinwender, R. (1997). "A comparison of the species composition between organic/biological and conventional management in Ennstal." Bundesanstalt fur Alpenlandische Landwirtschaft Gumpenstein. pp. 139-145.
635. Soderstrom, B & Part, T. (2000). "Influence of Landscape Scale on Farmland Birds Breeding in Semi-Natural Pastures." Conservation Biology 14: 522-533.
636. Söderström, B. (1999). Farmland birds in semi-natural pastures: conservation and management. Acta Universitatis Agriculturae Sueciae - Agraria. Pp.117.
637. Soderstrom, B., Part, T. & Linnarsson, E. (2008). "Grazing effects on between-year variation of farmland bird communities." Ecological Applications 11: 1141-1150
638. Sotherton, N. (2008). "The distribution and abundance of predatory Coleoptera overwintering in field boundaries." Annals of Applied Biology 106(1): 17-21.
639. Souty-Grosset, C., Badenhausser, I., Reynolds, J., Morel, A., Losdat, S., Frankowski, J. P. & Rivault, E. (2005). Managed grassland habitats in relation to woodlouse biodiversity in Western France. Integrating Efficient Grassland Farming and Biodiversity.
640. Sparks, T. H., Mountford, J. O. & Parish, T. (1994). "Opportunities for conservation in the field boundaries of arable crops." Aspects Appl. Biol., (40 (II)): 461-468.
641. Spiess, M., Marfurt, C. & Birrer, S. (2000). "Ecological compensation - a chance for farmland birds?""IFOAM 2000: the world grows organic. Proceedings 13th International IFOAM Scientific Conference, Basel, Switzerland, 28 TO 31 August, 2000." pp. 441.
642. Spiess, M., Marfurt, C. & Birrer, S. (2002). "Ecological compensation measures and breeding birds." Evaluation der Ökomassnahmen mit Hilfe von Brutvögeln. 9(4): 158-163.
643. Sprangers, J. T. C. M., Rabenswaay, C. W. v., Reyrink, L. A. F. & Smeets, P. J. A. M. (1990). Relations between grassland utilization, vegetation and grassland birds under modified farming.
644. Stevens, D. K. & Bradbury, R. B. (2006). "Effects of the Arable Stewardship Pilot Scheme on breeding birds at field and farm-scales." Agriculture, Ecosystems & Environment 112(4): 283-290.
645. Stoate, C. & J. Szczur, J. (1997). Seasonal changes in habitat use by yellowhammers (Emberiza citrinella). 1997 Brighton Crop Protection Conference - Weeds, Conference Proceedings Vols 1-3. Farnham, British Crop Protection Council: 1167-1172.
646. Stoate, C. & J. Szczur, J. (2001). "Whitethroat Sylvia communis and Yellowhammer Emberiza citrinella nesting success and breeding distribution in relation to field boundary vegetation." Bird Study 48: 229-235.
647. Stoate, C. & Moorcroft, D. (2007). "Research-based conservation at the farm

Reference
scale: development and assessment of agri-environment scheme options." (81): 161-168.
648. Stoate, C. (2002). Increasing the Government's Farmland Bird Index through conservation management at the farm scale: a ten-year demonstration. Farnham, British Crop Protection Council: 971-976.
649. Stoate, C., Henderson, I. G. & Parish, D. M. B. (2004). “Development of an agri-environment scheme option: seed-bearing crops for farmland birds.” Ibis 146(2) 203-209.
650. Stoate, C., Morris, R. M. & Wilson, J. D. (2001). International use of field boundary shrubs by a migratory warbler: cultural and agri-cultural considerations of farmers.
651. Stoate, C., Szczur, J. & Aebische, N. J. (2003). "Winter use of wild bird cover crops by passerines on farmland in northeast England: Declining farmland species were more abundant in these crops which can be matched to the birds requirements." Bird Study 50(1): 15-21
652. Stoate, C., Whitfield, M., Williams, P., Szczur, J. & Driver, K. (2007). "Multifunctional benefits of an agri-environment scheme option: riparian buffer strip pools within 'Arable Reversion'." Aspects of Applied Biology (81): 221-226.
653. Surmacki, A. (2004). "Habitat use by Reed Bunting Emberiza schoeniclus in an intensively used farmland in Western Poland." Ornis Fennica 81(3): 137-143.
654. Surmacki, A. (2005). "Do dense and fast growing crops provide foraging habitats for insectivorous birds?" Polish Journal of Ecology 53(1): 129-133.
655. Surmacki, A. (2005). "Habitat use by three Acrocephalus warblers in an intensively used farmland area: the influence of breeding patch and its surroundings." Journal of Ornithology 146(2): 160-166.
656. Tallowin, J. R. B., Smith, R. E. N., Goodyear, J. & Vickery, J. A. (2005). "Spatial and structural uniformity of lowland agricultural grassland in England: a context for low biodiversity." Grass and Forage Science 60: 225-236.
657. Tamutis, V., Monseviaius, V. & Pekarskas, J. (2004). "Ground and rove beetles (Coleoptera: Carabidae, Staphylinidae) in ecological and conventional winter wheat fields." Baltic Journal of Coleopterology 4(1): 31-40.
658. Tarmi, S., Tuuri, H. & Helenius, J. (2002). "Plant communities of field boundaries in Finnish farmland." Agricultural and Food Science in Finland 11(2): 121-135.
659. Tarrant K.A., Field S.A., Langton S.D.& Hart A.D.M. (1997) Effects on earthworm populations of reducing pesticide use in arable crop rotations. Soil Biology & Biochemistry 29: 657-661.
660. Tarrant, K. A., Field, S. A., Jones, A., McCoy, C., Langton, S. D. & Hart, A. D. M. (1994). "Effects on earthworm populations of reducing pesticide use: part of the SCARAB project." British Crop Protection Council: 1289-1294.
661. Tattersall, F. H., Hart, B. J., Manley, W. J., MacDonald, D. W. & Feber, R. E.

Reference
(1999). "Small mammals on set-aside blocks and margins." Aspects of Applied Biology (54): 131-138.
662. Tattersall, F. H., Macdonald, D. W., Hart, B. J., Johnson, P., Manley, W. & Feber, R. (2002). "Is habitat linearity important for small mammal communities on farmland?" Journal of Applied Ecology 39(4): 643-652.
663. Tattersall, F. H., Macdonald, D. W., Hart, B. J., Manley, W. J. & Feber, R. E. (2001). "Habitat use by wood mice (Apodemus sylvaticus) in a changeable arable landscape." Journal of Zoology 255(4): 487-494.
664. Tattersall, F. H., Tew, T. E. & Macdonald, D. W. (1998). "Habitat selection by arable wood mice: a review of work carried out by the wildlife conservation research unit." Proceedings of the Latvian Academy of Sciences. Section B, Natural Sciences 52(1/2):
665. Taylor, M. E. & Morecroft, M. D. (2009). "Effects of agri-environment schemes in a long-term ecological time series." Agriculture, Ecosystems & Environment 130(1-2): 9-15.
666. Telfer, M. G., Meek, W. R., Lambdon, P., Pywell, R. F., Sparks, T. H. & Nowakowski, M. (2000). "The carabids of conventional and widened field margins." Aspects of Applied Biology (58): 411-416.
667. Tew, T. E. (1990) The behavioural ecology of the wood mouse (Apodemus sylvaticus) in the cereal field ecosystem. Oxford. D.Phil.
668. Tew, T. E., Todd, I. A. & Macdonald, D. W. (2000). "Arable habitat use by wood mice (Apodemus sylvaticus). 2. Microhabitat." Journal of Zoology 250(3): 305-311.
669. Thomas C.F.G., Parkinson, L., Griffiths, G. J. K., Garcia, A., Fernandez & Marshall, E. J. P. (2001). Aggregation and temporal stability of carabid beetle distributions in field and hedgerow habitats." Journal of Applied Ecology 38: 100-116.
670. Thomas, C. & Marshall, E. (1999). "Arthropod abundance and diversity in differently vegetated margins of arable fields." Agriculture, Ecosystems & Environment 72(2): 131-144.
671. Thomas, C. F. G. & Jepson, P. C. (1997). "Field-scale effects of farming practices on linyphiid spider populations in grass and cereals." Entomologia Experimentalis et Applicata 84(1): 59-69.
672. Thomas, M. B. (1991) Manipulation of overwintering habitats for invertebrate predators on farmland. Southampton. Ph.D.
673. Thomas, M. B., Sotherton, N. W., Coombes, D. S. & Wratten, S. D. (1992). "Habitat factors influencing the distribution of polyphagous predatory insects between field boundaries." Annals of Applied Biology 120(2): 197-202.
674. Thomas, M. B., Wratten, S. D. & Sotherton, N. W. (1991). "Creation of Island Habitats in Farmland to Manipulate Populations of Beneficial Arthropods - Predator Densities and Emigration." Journal of Applied Ecology 28(3): 906-917.

Reference
675. Thomas, M. B., Wratten, S. D. & Sotherton, N. W. (1992). "Creation of Island Habitats in Farmland to Manipulate Populations of Beneficial Arthropods - Predator Densities and Species Composition." Journal of Applied Ecology 29(2): 524-531.
676. Thomas, S. R. (2001) Assessing the value of beetle banks for enhancing farmland biodiversity. Southampton. Ph.D.
677. Thomas, S. R. (2002). The refuge role of beetle-banks and field margins for carabid beetles on UK arable farmland: densities, composition and relationships with vegetation. Warsaw, Warsaw Agricultural University Press: 185-199.
678. Thomas, S. R., Goulson, D. & Holland, J. M. (2000). "The contribution of beetle banks to farmland biodiversity." Aspects of Applied Biology (62): 31-38.
679. Thomas, S. R., Goulson, D. & Holland, J. M. (2001). "Resource provision for farmland gamebirds: the value of beetle banks." Annals of Applied Biology 139(1): 111-118.
680. Thomas, S. R., Noordhuis, R., Holland, J. M. & Goulson, D.(2002). "Botanical diversity of beetle banks: effects of age and comparison with conventional arable field margins in southern UK." Agriculture, Ecosystems & Environment 93(1/3): 403-412.
681. Thorbek, P. & Bilde, T. (2004). "Reduced numbers of generalist arthropod predators after crop management." Journal of Applied Ecology 41(3): 526-538.
682. Tichit, M., Durant, D. & Kerneis, E. (2005). “The role of grazing in creating suitable sward structures for breeding waders in agricultural landscapes.” Livestock Production Science 96(1): 116-128
683. Tichit, M., Renault, O. & Potter, T. (2005). "Grazing regime as a tool to assess positive side effects of livestock farming systems on wading birds." Livestock Production Science 96(1): 109-117.
684. Todd, I. A., Tew, T. E. & Macdonald, D. W. (2000). "Arable habitat use by wood mice (Apodemus sylvaticus). 1. Macrohabitat." Journal of Zoology 250(3): 299-303.
685. Török, P., Deák, B., Vida, E., Valkó, O., Lengyel, S. & Tóthmérész, B. (2010). "Restoring grassland biodiversity: Sowing low-diversity seed mixtures can lead to rapid favourable changes." Biological Conservation 143(3): 806-812.
686. Trautz, D. (1992). "Ecological assessment of set-aside in the agroecosystem." 605-608.
687. Tryjanowski, P. (1999). "Effect of habitat diversity on breeding birds: comparison of farmland bird community in the region of Wielkopolska (W. Poland) with relevant data from other European studies." Polish Journal of Ecology 47: 153-174
688. Tucker, G. M. (1992). "Effects of Agricultural Practices on Field Use by Invertebrate-Feeding Birds in Winter." Journal of Applied Ecology 29(3): 779-790.
689. Twisk, W., Strien, A. J. v., Kruk, M., Graaf, H. J. d. & Keurs, W. J. t. (1994). "Conservation and restoration of species rich ditch bank vegetation on modern dairy

Reference
farms." British Crop Protection Council: 167-172.
690. Tybirk, K., Aude, E., Ejrnas, R., Reddersen, J., Hald, A., Riberholdt, L., Jansson, C., Jrgensen, J. E., Gramstrup, M., Andreasen, P. R., Vind, L. R., Dalsgaard, A., Jensen, N. V., Odderskar, P. & Sell, H. (2001). Botanical conservation values in Danish hedgerows. Hedgerows of the World.
691. Valkama, J., Robertson, P. & Currie, D. (1998). "Habitat selection by breeding curlews (*Numenius arquata*) on farmland: the importance of grassland." Annales Zoologici Fennici 35(3): 141-148.
692. van der Wal, R. & Palmer, S. C. F. (2008). "Is breeding of farmland wading birds depressed by a combination of predator abundance and grazing?" Biology Letters 4(3): 256-258.
693. Vandenberghe, C., Prior, G., Littlewood, N. A., Brooker, R. & Pakeman, R. (2009). "Influence of livestock grazing on meadow pipit foraging behaviour in upland grassland." Basic and Applied Ecology 10(7): 662-670.
694. Verhulst, J. (2007). Meadow bird ecology at different spatial scales: responses to environmental conditions and implications for management: 136 pp.
695. Verhulst, J., Kleijn, D. & Berendse, F. (2007). "Direct and indirect effects of the most widely implemented Dutch agri-environment schemes on breeding waders." Journal of Applied Ecology 44(1): 70-80.
696. Viaux, P. & Rameil, V. (2004). "Arthropods in arable farms." Phytoma(570): 8-11.
697. Viik, E., Mand, M., Karise, R., Koskor, E., Jaugar, K., Kevvai, R., Martin, A. & Grishakova, M. (2007). The effect of agri-environmental schemes on species richness of bumble bees. Sacu, Estonian Research Institute of Agriculture.pp. 145-148.
698. Volkmar, C. & Kreuter, T. (2006). Biodiversity of spiders (Araneae) and carabid beetles (Carabidae) on fields in Saxony. Conference: Zur Biodiversität von Spinnen (Araneae) und Laufkäfern (Carabidae) auf sächischen Ackerfächen 15: 97-102.
699. Wakeham-Dawson, A. & Aebischer, N. J. (1998). "Factors determining winter densities of birds on environmentally sensitive area arable reversion grassland in southern England, with special reference to skylarks (Alauda arvensis)." Agriculture, Ecosystems & Environment 70(2-3): 189-201
700. Wakeham-Dawson, A. (1995) Hares and skylarks as indicators of environmentally sensitive farming on the South Downs. Open University. Ph.D.
701. Wakeham-Dawson, A., Szoszkiewicz, K., Stern, K. & Aebischer, N. J. (1998). "Breeding skylarks Alauda arvensis on Environmentally Sensitive Area arable reversion grass in southern England: survey-based and experimental determination of density." Journal of Applied Ecology 35(5): 635-648
702. Walker, K. J., Critchley, C. N. R. & Sherwood, A. J. (2007). "The effectiveness of new agri-environment scheme options in conserving rare arable plants." (81): 301-308.
703. Walker, K. J., Critchley, C. N. R., Sherwood, A. J., Large, R., Nuttall, P., Hulmes,

Reference
S., Rose, R. & Mountford, J. O. (2007). "The conservation of arable plants on cereal field margins: An assessment of new agri-environment scheme options in England, UK." Biological Conservation 136 (2): 260-270
704. Walker, M. P. (2007) Farmland birds in field margins with special reference to green lanes. Staffordshire. Ph.D.
705. Walker, M. P., Dover, J. W., Hinsley, S. A. & Sparks, T. H. (2005). "Birds and green lanes: breeding season bird abundance, territories and species richness." Biological Conservation 126(4): 540-547.
706. Walker, M. P., Dover, J. W., Sparks, T. H. & Hinsley, S. A.(2006). "Hedges and green lanes: vegetation composition and structure." Biodiversity and Conservation 15: 2595-2610.
707. 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(2): 18
708. WallisDeVries, M. F., J. R. B. Tallowin, et al. (2005). Effects of livestock breed and stocking rate on sustainable grazing systems: butterfly diversity and abundance. In Integrating Efficient Grassland Farming and Biodiversity (2005). Grassland Science Vol 10.
709. Walter, T., Herzog, F., Birrer, S., Dreier, S., Hunziker, M., Jeanneret, P., Lascher, A., Peter, B., Pfiffner, L. & Spiess, M. (2004). Effects of ecological compensation areas on species diversity in the Swiss grassland - an overview. Grassland Science
710. Walther-Hellwig, K. & Frankl, R. (2000). "Foraging habitats and foraging distances of bumblebees, Bombus spp. (Hym., Apidae), in an agricultural landscape." Journal of Applied Entomology 124(7/8): 299-306.
711. Ward-Booth, J. F. (2003) The distribution ecology of Monacha cantiana in an arable agricultural area of East Anglia. Kent. Ph.D.
712. Wehke, S., Zoldan, J. W., Frankenberg, T. & Ruthsatz, B.(2006). Possibilities of farming to promote weed flora in the western Hunsrack (Germany). Maglichkeiten und Grenzen der A–kologisierung der Landwirtschaft - wissenschaftliche Grundlagen und praktisch Erfahrungen - Beitrage aus dem Arbeitskreis \"Agrarakologie\". Biologische Bundesanstalt far Land- und Forstwirtschaft, Berlin.
713. Weibull, A. & Ostman, O. (2003). "Species composition in agroecosystems: the effect of landscape, habitat, and farm management." Basic and Applied Ecology 4(4): 349-361.
714. Weibull, A. C. (2002). "Higher biodiversity in heterogeneous landscapes." Entomologisk Tidskrift 123(4): 163-165.
715. Weibull, A. C., Ostman, O. & Granqvist, A. (2003). "Species richness in agroecosystems: the effect of landscape, habitat and farm management." Biodiversity and Conservation 12(7): 1335-1355.
716. Weibull, A.-C., Bengtsson, J. & Nohlgren, E. (2000). "Diversity of butterflies in

Reference
the agricultural landscape: the role of farming system and landscape heterogeneity." Ecography 23(6): 743-750.
717. Weiss, B. & Buchs, W. (1997). Reaction of the spider coenoesis on different kinds of rotational set aside in agricultural fields. Mitteilungen Der Deutschen Gesellschaft Fur Allgemeine Und Agewandte Entomologie, Band 11, Heft 1-6, Dezember 1997 - Entomolo
718. West, T. M. & Marshall, E. J. P. (1996). "Managing sown field margin strips on contrasted soil types in three environmentally sensitive areas." Association of Applied Biologists (44): 269-276.
719. Weyermann, I., Schneider, M., Mosimann, B., Hartmann, G. A., Buholzer, S. & Lascher, A. (2008). Farm structure had only marginal effects on grassland diversity at a plot and farm level. Grassland Science in Europe, Volume 13. Uppsala
720. Whittingham, M. J. & Devereux, C. L. (2008). "Changing grass height alters foraging site selection by wintering farmland birds." Basic and Applied Ecology 9(6): 779-788.
721. Whittingham, M. J., Devereux, C. L., Evans, A. D. & Bradbury, R. B.(2006). "Altering perceived predation risk and food availability: management prescriptions to benefit farmland birds on stubble fields." Journal of Applied Ecology 43(4): 640-650.
722. Wickramasinghe, L. P. (2003) A study of the activity and species richness of British bats and their insect prey on organic and conventional farms using acoustic survey methods. Bristol. Ph.D.
723. Wickramasinghe, L. P., Harris, S., Jones, G. & Jennings, N. V. (2004). "Abundance and species richness of nocturnal insects on organic and conventional farms: effects of agricultural intensification on bat foraging." Conservation Biology 18(5): 1283-1292.
724. Wickramasinghe, L. P., Harris, S., Jones, G. & Vaughan, N. (2003). "Bat activity and species richness on organic and conventional farms: impact of agricultural intensification." Journal of Applied Ecology 40(6): 984-993.
725. Wilson, A., Vickery, J. & Pendlebury, C. (2007). "Agri-environment schemes as a tool for reversing declining populations of grassland waders: mixed benefits from Environmentally Sensitive Areas in England." Biological Conservation 136(1): 128-135.
726. Wilson, J. D., Evans, J., Browne, S. J. & King, J. R. (1997). "Territory distribution and breeding success of skylarks Alauda arvensis on organic and intensive farmland in southern England." Journal of Applied Ecology 34(6): 1462-1478.
727. Wingerden, W. K. R. E. v.,Musters, J. C. M., Kleukers, R. M. J. C., Bongers, W. & Biezen, J. B. v. (1991). "The influence of cattle grazing intensity on grasshopper abundance (Orthoptera: Acrididae)."Proceedings of the Section Experimental and Applied Entomology of the Netherland Entomological Society.
728. Wisler, C., Hofer, U. & Arlettaz, R. (2008). "Snakes and monocultures: Habitat selection and movements of female Grass Snakes (Natrix natrix L.) in an agricultural

Reference
landscape." Journal of Herpetology 42(2): 337-346.
729. Wissman, J., Lennartsson, T. & Berg, A. (2008). Is the grass always greener on the other side of the fence? Primula veris L. as an example of plant survival at different management intensities. Grassland Science in Europe, Volume 13. Uppsala,
730. Wolff, A., Paul, J. P., Martin, J. L. & Bretagnolle, V. (2001). "The benefits of extensive agriculture to birds: the case of the little bustard." Journal of Applied Ecology 38: 963-975.
731. Wolnicki, K., Lesiński, G. & Rembiałkowska, E. (2009). "Birds inhabiting organic and conventional farms in Central Poland." Acta Zoologica Cracoviensia - Series A: Vertebrata 52: 1-10.
732. Woodcock, B. A., Lawson, C. S., Mann, D. J. & McDonald, A. W. (2006). "Effects of grazing management on beetle and plant assemblages during the re-creation of a flood-plain meadow." Agriculture, Ecosystems & Environment 116(3/4): 225-234.
733. Woodcock, B. A., Mortimer, S. R., Edwards, A. R., Lawson, C. S., Westbury, D. B., Brook, A. J., Harris, S. J. & Brown, V. K. (2008). Re-creating plant and beetle assemblages of species-rich chalk grasslands on ex-arable land. Grasslands: Ecology, Management and Restoration (ed. H.G. Schroder)
734. Woodcock, B. A., Potts, S. G., Pilgrim, E., Ramsay, A. J., Tscheulin, T., Parkinson, A., Smith, R. E. N., Gundrey, A. L., Brown, V. K. & Tallowin, J. R. (2007). "The potential of grass field margin management for enhancing beetle diversity in intensive li
735. Woodcock, B. A., Westbury, D. B., Potts, S. G., Harris, S. J. & Brown, V. K. (2005). "Establishing field margins to promote beetle conservation in arable farms." Agriculture, Ecosystems & Environment 107(2/3): 255-266.
736. Woodcock, B. A., Westbury, D. B., Tscheulin, T., Harrison-Cripps, J., Harris, S. J., Ramsey, A. J., Brown, V. K. & Potts, S. G. (2008). "Effects of seed mixture and management on beetle assemblages of arable field margins." Agriculture, Ecosystems & Environment 125(1-4): 246-254
737. Woodhouse, S. (2002) The effects of agricultural change on Welsh farmland birds: analyses at different spatial scales and implications for conservation. East Anglia. Ph.D.
738. Woodhouse, S. P., Good, J. E. G., Lovett, A. A., Fuller, R. J. & Dolman, P. M. (2005). "Effects of land-use and agricultural management on birds of marginal farmland: a case study in the Llyn Peninsula, Wales." Agriculture, Ecosystems & Environment 107(4) 331-340
739. Woolley, C. (2009) Estimating population change and dispersal activity of spiders in an agricultural landscape. Plymouth. Ph.D.
740. Wrbka, T., Schindler, S., Pollheimer, M., Schmitzberger, I. & Peterseil, J. (2008). "Impact of the Austrian agri-environmental scheme on diversity of landscapes, plants and birds." Community Ecology 9(2): 217-227.
741. Wretenberg, J., Lindstrom, A., Svensson, S., Thierfelder, T. & Part, T. (2006). "Population trends of farmland birds in Sweden and England: similar trends but

Reference
different patterns of agricultural intensification." Journal of Applied Ecology 43(6): 1110-1120
742. Yletyinen, S. & Norrdahl, K. (2008). "Habitat use of field voles (Microtus agrestis) in wide and narrow buffer zones." Agriculture, Ecosystems & Environment 123(1-3): 194-200.
743. Zimmermann, J. & Buchs, W. (1996). Management of arable crops and its effects on rove-beetles (Coleoptera: Staphylinidae), with special reference to the effects of insecticide treatments. Arthropod Natural Enemies in Arable Land II – 1-3 Dec 1994 Acta Jutlandica