

Supplementary material

Characteristics of included studies

The characteristics of studies included in the review are detailed in tables and appendices within the review. Note that these references are included in the list below along with studies that were rejected upon reading at full text/abstract (reasons for rejection were not recorded).

References retrieved from electronic searching assessed at full text/abstract

- (1890). Science **16**(393): 95.
- (1897). "Notes and Abstracts." American Journal of Sociology **3**(3): 410-416.
- (1909). The Musical Times **50**(800): 661.
- (1909). "Scientific Notes and News." Science **29**(753): 892-894.
- (1915). "Notes." Journal of the Society of Comparative Legislation **15**(1): 48-64.
- (1918). "The Ecology of Scrub." The Journal of Ecology **6**(3): 234.
- (1932). "Notices of Publications on Animal Ecology." The Journal of Animal Ecology **1**(2): 194-207.
- (1936). "Notices of Publications on Animal Ecology." The Journal of Animal Ecology **5**(2): 402-418.
- (1938). "Ecological Literature Received." Ecology **19**(1): 161-163.
- (1939). "Summer Meeting at Aberystwyth." The Journal of Animal Ecology **8**(1): 210-211.
- (1939). "Summer Meeting at Aberystwyth, 16-21 July 1938." The Journal of Ecology **27**(1): 246-247.
- (1944). "Nature Conservation and Nature Reserves." The Journal of Animal Ecology **13**(1): 1-25.
- (1945). "Acer Campestre L." The Journal of Ecology **32**(2): 239-252.
- (1948). "Notices of Publications on the Animal Ecology of the British Isles." The Journal of Animal Ecology **17**(2): 265-276.
- (1958). "6. Studies on Behaviour." The Journal of Animal Ecology **27**(1): 189-190.
- (1965). "1. Ecological Surveys and the Relations of Animals to Habitat Conditions." The Journal of Animal Ecology **34**(3): 754-761.
- (1968). "I. Ecological Surveys and the Relations of Animals to Habitat Conditions." The Journal of Animal Ecology **37**(3): 742-747.
- (1971). "2. Ecological Surveys; Distribution Studies Including Introductions and Migration; Relations to Environment." The Journal of Animal Ecology **40**(3): 791-793.
- (1972). "9. Physiology and Behaviour." The Journal of Animal Ecology **41**(3): 806-808.
- (1978). "Abstracts of Articles." Geographical Review **68**(2): 249-250.
- (1991). "Q: Agricultural and Natural Resource Economics." Journal of Economic Literature **29**(4): 1861-1866.

- (2001). "Q: Agricultural and Natural Resource Economics." Journal of Economic Literature **39**(3): 1044-1051.
- Abt, K. F. and W. F. Bock (1998). "Seasonal variations of diet composition in farmland field mice *Apodemus* spp. and bank voles *Clethrionomys glareolus*." Acta Theriologica **43**(4): 379-389.
- Abu-Madi, M. A., J. W. Lewis, et al. (2000). "Seasonal and site specific variation in the component community structure of intestinal helminths in *Apodemus sylvaticus* from three contrasting habitats in south-east England." Journal of Helminthology **74**(1): 7-15.
- Aimone, A. C. and G. Scheck (1987). "Recent Journal Articles." Military Affairs: The Journal of Military History, including Theory and Technology **51**(1): 49-53.
- Alasdair Love, R., C. Webbon, et al. (2000). "Changes in the food of British Barn Owls (*Tyto alba*) between 1974 and 1997." Mammal Review **30**(2): 107-129.
- Alexander, W. B. (1932). "The Bird Population on an Oxfordshire Farm." The Journal of Animal Ecology **1**(1): 58-64.
- Altieri, M. A. and D. K. Letourneau (1982). "Vegetation management and biological control in agroecosystems." Crop Protection **1**(4): 405-430.
- Alvarez, T., G. K. Frampton, et al. (1997). "Population dynamics of epigeic Collembola in arable fields: The importance of hedgerow proximity and crop type." Pedobiologia **41**(1-3): 110-114.
- Alvarez, T., G. K. Frampton, et al. (2000). "The role of hedgerows in the recolonisation of arable fields by epigeal Collembola." Pedobiologia **44**(3-4): 516-526.
- Andow, D. A. (1990). "Population Dynamics of an Insect Herbivore in Simple and Diverse Habitats." Ecology **71**(3): 1006-1017.
- Anscombe, F. J. (1949). "The Statistical Analysis of Insect Counts Based on the Negative Binomial Distribution." Biometrics **5**(2): 165-173.
- Arnold, G. W. (1983). "The influence of ditch and hedgerow structure, length of hedgerows, and area of woodland and garden on bird numbers on farmland." Journal of applied ecology **20**(3): 731-750.
- Assmann, T. (1999). "The ground beetle fauna of ancient and recent woodlands in the lowlands of north-west Germany (Coleoptera, Carabidae)." Biodiversity and Conservation **8**(11): 1499-1517.
- Asteraki, E. J., C. B. Hanks, et al. (1992). "The Impact of the Chemical Removal of the Hedge-Base Flora on the Community Structure of Carabid Beetles (Col, Carabidae) and Spiders (Araneae) of the Field and Hedge Bottom." Journal of Applied Entomology-Zeitschrift Fur Angewandte Entomologie **113**(4): 398-406.
- Atayese, M. O., O. O. Awotoye, et al. (1993). "Comparisons of the Influence of Vesicular-Arbuscular Mycorrhiza on the Productivity of Hedgerow Woody Legumes and Cassava at the Top and the Base of a Hillslope in Alley Cropping Systems." Biology and Fertility of Soils **16**(3): 198-204.
- Atkinson, P. W., R. J. Fuller, et al. (2002). "Large-scale patterns of summer and winter bird distribution in relation to farmland type in England and Wales." Ecography **25**(4): 466-480.
- Aude, E., K. Tybirk, et al. (2003). "Vegetation diversity of conventional and organic hedgerows in Denmark." Agriculture, Ecosystems & Environment **99**(1-3): 135-147.

- Aude, E., K. Tybirk, et al. (2004). "Conservation value of the herbaceous vegetation in hedgerows - does organic farming make a difference?" Biological Conservation **118**(4): 467-478.
- Aviron, S., F. Burel, et al. "Carabid assemblages in agricultural landscapes: impacts of habitat features, landscape context at different spatial scales and farming intensity." Agriculture, Ecosystems & Environment **In Press**, **Corrected Proof**.
- B, L. C. W. (1931). Geographical Journal **77**(2): 166-168.
- Baker, A. R. H. (1988). "Historical Geography and the Study of the European Rural Landscape." Geografiska Annaler. Series B. Human Geography **70**(1, Landscape History): 5-16.
- Baker, P. (1994). "The modified status of *Strymonidia w-album* (Knoch) (Lepidoptera: Lycaenidae) in north west Surrey." British journal of entomology and natural history **7**(pt.1): 25-26.
- Báldi, A. and T. Kisbenedek (1999). "Species-specific distribution of reed-nesting passerine birds across reed-bed edges: Effects of spatial scale and edge type." Acta Zoologica Academiae Scientiarum Hungaricae **45**(2): 97-114.
- Barbaro, L., L. Pontcharraud, et al. (2005). "Comparative responses of bird, carabid, and spider assemblages to stand and landscape diversity in maritime pine plantation forests." Ecoscience **12**(1): 110-121.
- Barbero, E., C. Palestini, et al. (1999). "Dung beetle conservation: Effects of habitat and resource selection (Coleoptera: Scarabaeoidea)." Journal of Insect Conservation **3**(2): 75-84.
- Barkham, J. P. (1979). The Journal of Ecology **67**(1): 390.
- Barnes, H. F. B. A. (1925). "The Ecological Distribution of Adult Craneflies in Carnarvonshire." The Journal of Ecology **13**(1): 138-148.
- Barr, C. J. and M. K. Gillespie (2000). "Estimating hedgerow length and pattern characteristics in Great Britain using Countryside Survey data." Journal of Environmental Management **60**(1): 23-32.
- Basedow, T. (2002). "Conventional agriculture (in its present form) or ecological agriculture? - For the maximal biodiversity both are necessary [Konventionelle Landwirtschaft (in ihrer gegenwärtigen Ausprägung) oder ökologische Landwirtschaft? - Für die maximale Biodiversität sind beide erforderlich]." Gesunde Pflanzen **54**(6): 177-182.
- Baudry, J., R. G. H. Bunce, et al. (2001). "Hedgerows: An international perspective on their origin, function and management." Journal of Environmental Management **60**(1): 7-22.
- Baudry, J., F. Burel, et al. (2003). "Temporal variability of connectivity in agricultural landscapes: do farming activities help?" Landscape Ecology **18**(3): 303-314.
- Baudry, J., F. Burel, et al. (2000). "A holistic landscape ecological study of the interactions between farming activities and ecological patterns in Brittany, France." Landscape and Urban Planning **50**(1-3): 119-128.
- Baur, B., N. Minoretti, et al. (2005). "Dispersal of the endangered flightless beetle *Dorcadion fuliginator* (Coleoptera: Cerambycidae) in spatially realistic landscapes." Biological Conservation **124**(1): 49-61.
- Beddows, A. R. (1959). "*Dactylis glomerata* L." The Journal of Ecology **47**(1): 223-239.
- Beddows, A. R. (1967). "*Lolium Perenne* L." The Journal of Ecology **55**(2): 567-587.

- Berling, D. J., J. P. Bailey, et al. (1994). "Fallopia Japonica (Houtt.) Ronce Decraene." Journal of Ecology **82**(4): 959-979.
- Bell, J. R., P. J. Johnson, et al. (2002). "Manipulating the abundance of Lophyrus tenuis (Araneae: Linyphiidae) by field margin management." Agriculture, Ecosystems and Environment **93**(1-3): 295-304.
- Bellamy, P. E., P. Rothery, et al. (2003). "Synchrony of woodland bird populations: The effect of landscape structure." Ecography **26**(3): 338-348.
- Bellemare, J., G. Motzkin, et al. (2002). "Legacies of the agricultural past in the forested present: An assessment of historical land-use effects on rich mesic forests." Journal of Biogeography **29**(10-11): 1401-1420.
- Bender, D. J., L. Fahrig, et al. (2005). "Matrix structure obscures the relationship between interpatch movement and patch size and isolation." Ecology **86**(4): 1023-1033.
- Bennett, A. F., K. Henein, et al. (1994). "Corridor use and the elements of corridor quality: Chipmunks and fencerows in a farmland mosaic." Biological Conservation **68**(2): 155-165.
- Bennett, A. F., S. A. Hinsley, et al. (2004). "Do regional gradients in land-use influence richness, composition and turnover of bird assemblages in small woods?" Biological Conservation **119**(2): 191-206.
- Bennett, A. F. and R. van der Ree (2001). Roadside vegetation in Australia: conservation values and function of a linear habitat network in rural environments. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPECOL: 231-240.
- Benton, T. G., J. A. Vickery, et al. (2003). "Farmland biodiversity: Is habitat heterogeneity the key?" Trends in Ecology and Evolution **18**(4): 182-188.
- Berg, A. (2002). "Breeding birds in short-rotation coppices on farmland in central Sweden - the importance of Salix height and adjacent habitats." Agriculture Ecosystems & Environment **90**(3): 265-276.
- Berg, A. (2002). "Composition and diversity of bird communities in Swedish farmland-forest mosaic landscapes." Bird Study **49**: 153-165.
- Berggren, A., B. Birath, et al. (2002). "Effect of corridors and habitat edges on dispersal behavior, movement rates, and movement angles in Roesel's bush-cricket (Metrioptera roeseli)." Conservation Biology **16**(6): 1562-1569.
- Berggren, A., A. Carlson, et al. (2001). "The Effect of Landscape Composition on Colonization Success, Growth Rate and Dispersal in Introduced Bush-Crickets Metrioptera roeseli." Journal of Animal Ecology **70**(4): 663-670.
- Bernstein, C., J. R. Krebs, et al. (1991). "Distribution of birds amongst habitats: theory and relevance to conservation." Bird population studies: 317-345.
- Berthoff, R. (1991). The Journal of Southern History **57**(3): 479-481.
- Berwaerts, K., H. Van Dyck, et al. (1998). "Morphological and genetic variation in the speckled wood butterfly (Pararge aegeria L.) among differently fragmented landscapes." Netherlands Journal of Zoology **48**(3): 241-253.
- Bianchi, F. and W. Van Der Werf (2003). "The effect of the area and configuration of hibernation sites on the control of aphids by Coccinella septempunctata (Coleoptera : Coccinellidae) in agricultural landscapes: A simulation study." Environmental Entomology **32**(6): 1290-1304.

- Bickmore, C. J. (2001). The function of hedges in England and Wales - reasons for their establishment. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 329-338.
- Bider, J. R. (1968). "Animal Activity in Uncontrolled Terrestrial Communities as Determined by a Sand Transect Technique." Ecological Monographs **38**(4): 269-308.
- Bilde, T. and C. Topping (2004). "Life history traits interact with landscape composition to influence population dynamics of a terrestrial arthropod: A simulation study." Ecoscience **11**(1): 64-73.
- Bishton, G. (1986). "The diet and foraging behaviour of the dunnock *Prunella modularis* in a hedgerow habitat." Ibis **128**(4): 526-539.
- Bishton, G. (2001). "Social structure, habitat use and breeding biology of hedgerow Dunnocks *Prunella modularis*." Bird Study **48**(2): 188-193.
- Blackshaw, R. P. and S. DarcyBurt (1997). "Spatial distribution of bionid larvae in agricultural grassland." Entomologia Experimentalis Et Applicata **84**(1): 17-25.
- Blank, T. H., T. R. E. Southwood, et al. (1967). "The Ecology of the Partridge: I. Outline of Population Processes with Particular Reference to Chick Mortality and Nest Density." The Journal of Animal Ecology **36**(3): 549-556.
- Boatman, N. D., K. Chaney, et al. (1999). Field margins and buffer zones : ecology, management and policy. A record of papers presented at a residential meeting of the Association of Applied Biologists held at Leicester University, Leicester, England on 20-22 September 1999. Wellesbourne, AAB.
- Bodmer, W. F. (1960). "The Genetics of Homostyly in Populations of *Primula vulgaris*." Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences **242**(696): 517-549.
- Bohan, D. A., D. M. Glen, et al. (2000). "Parametric Intensity and the Spatial Arrangement of the Terrestrial Mollusc Herbivores *Deroceras reticulatum* and *Arion intermedius*." Journal of Animal Ecology **69**(6): 1031-1046.
- Bohringer, A., M. Tamo, et al. (1994). "Growth and Productivity of Pigeonpea (*Cajanus-Cajan*) Genotypes for Use in Alley Cropping and Their Interactions with the Environment." Experimental Agriculture **30**(2): 207-215.
- Bollinger, E. K. and T. A. Gavin (2004). "Responses of nesting bobolinks (*Dolichonyx oryzivorus*) to habitat edges." Auk **121**(3): 767-776.
- Bonet, R., H. Merle, et al. (2001). GIS - a tool for hedgerow management. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 69-74.
- Bongiorno, S. F. (1982). "Land use and summer bird populations in northwestern Galicia, Spain." Ibis **124**(1): 1-20.
- Bonnieux, F. and P. Le Goff (1997). "Valuing the Benefits of Landscape Restoration: a Case Study of the Cotentin in Lower-Normandy, France." Journal of Environmental Management **50**(3): 321-333.
- Boone, R. B. and N. T. Hobbs (2004). "Lines around fragments: Effects of fencing on large herbivores." African Journal of Range and Forage Science **21**(3): 147-158.
- Boots, A. J. (2001). The effect of connection to woodlands on the woody species composition of hedgerows: A case study on the Mendip Hills plateau, North Somerset. Hedgerows of the World: Their Ecological Functions in

- Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 157-162.
- Boutin, C. and J. L. Harper (1991). "A Comparative Study of the Population Dynamics of Five Species of Veronica in Natural Habitats." The Journal of Ecology **79**(1): 199-221.
- Boutin, C., B. Jobin, et al. (2001). Hedgerows in the farming landscapes of Canada. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 33-42.
- Boutin, C., B. Jobin, et al. (2001). "Comparing weed composition in natural and planted hedgerows and in herbaceous field margins adjacent to crop fields." Canadian Journal of Plant Science **81**(2): 313-324.
- Boutin, C., B. Jobin, et al. (2002). "Plant diversity in three types of hedgerows adjacent to cropfields." Biodiversity and Conservation **11**(1): 1-25.
- Boyce, C. C. K. and J. L. Boyce (1988). "Population Biology of *Microtus arvalis*. III. Regulation of Numbers and Breeding Dispersion of Females." The Journal of Animal Ecology **57**(3): 737-754.
- Bradbury, R. B., A. Kyrkos, et al. (2000). "Habitat associations and breeding success of yellowhammers on lowland farmland." Journal of Applied Ecology **37**(5): 789-805.
- Bridgewater, P. B. (1987). "Connectivity: an Australian perspective." Nature conservation: the role of remnants of native vegetation: 195-200.
- Bright, P., D. MacPherson, et al. (2002). Hedgerow management, dormice and biodiversity, English Nature.
- Bright, P. W. (1995). "Distribution of the Dormouse *Muscardinus-Avellanarius* in Wales, on the Edge of Its Range." Mammal Review **25**(3): 101-110.
- Bright, P. W. (1998). "Behaviour of specialist species in habitat corridors: Arboreal dormice avoid corridor gaps." Animal Behaviour **56**(6): 1485-1490.
- Bright, P. W., P. Mitchell, et al. (1994). "Dormouse Distribution - Survey Techniques, Insular Ecology and Selection of Sites for Conservation." Journal of Applied Ecology **31**(2): 329-339.
- Brown, C. R., C. M. Sas, et al. (2002). "Colony choice in Cliff Swallows: Effects of heterogeneity in foraging habitat." Auk **119**(2): 446-460.
- Brown, R. Z. (1953). "Social Behavior, Reproduction, and Population Changes in the House Mouse (*Mus musculus* L.)." Ecological Monographs **23**(3): 217-240.
- Browne, S. and N. Aebischer (2005). "Studies of West Palearctic birds: Turtle dove." British Birds **98**(2): 58-72.
- Browne, S. J., N. J. Aebischer, et al. (2004). "Habitat availability and use by Turtle Doves *Streptopelia turtur* between 1965 and 1995: An analysis of Common Birds Census data." Bird Study **51**(1): 1-11.
- Brunet, J., G. Von Oheimb, et al. (2000). "Factors influencing vegetation gradients across ancient-recent woodland borderlines in southern Sweden." Journal of Vegetation Science **11**(4): 515-524.
- Bryant, D. M. (1973). "The Factors Influencing the Selection of Food by the House Martin (*Delichon urbica* (L.))." The Journal of Animal Ecology **42**(3): 539-564.
- Buddle, C. M., S. Higgins, et al. (2004). "Ground-dwelling spider assemblages inhabiting riparian forests and hedgerows in an agricultural landscape." American Midland Naturalist **151**(1): 15-26.

- Buddle, C. M., A. L. Rypstra, et al. (2003). "Factors initiating emigration of two wolf spider species (Araneae: Lycosidae) in an agroecosystem." Environmental Entomology **32**(1): 88-95.
- Buhler, U. (1991). "Population ecology of the sparrowhawk *Accipiter nisus* L. in Switzerland - a predator in an environment contaminated by chemical residues
[Populationsokologie des Sperbers *Accipiter nisus* L. in der Schweiz - ein Predator in einer mit chemischen Rückständen belasteten Umwelt]." Ornithologische Beobachter **88**(4): 341-452.
- Buner, F., M. Jenny, et al. (2005). "Ecologically enhanced areas - A key habitat structure for re-introduced grey partridges *Perdix perdix*." Biological Conservation **124**(3): 373-381.
- Burdon, J. J. (1983). "*Trifolium Repens* L." The Journal of Ecology **71**(1): 307-330.
- Burel, F. (1989). "Landscape structure effects on carabid beetles spatial patterns in western France." Landscape Ecology **2**(4): 215-226.
- Burel, F. (1996). "Hedgerows and their role in agricultural landscapes." Critical reviews in plant sciences **15**(2): 169-190.
- Burel, F. and J. Baudry (1994). "Reaction of Ground Beetles to Vegetation Changes Following Grassland Dereliction." Acta Oecologica-International Journal of Ecology **15**(4): 401-415.
- Burel, F., J. Baudry, et al. (1998). "Comparative biodiversity along a gradient of agricultural landscapes." Acta Oecologica **19**(1): 47-60.
- Burel, F., J. Baudry, et al. (2000). Relationships between farming systems and ecological patterns along a gradient of bocage landscapes. Consequences of Land Use Changes. Southampton, WIT PRESS. **5**: 227-245.
- Burel, F., A. Butet, et al. (2004). "Differential response of selected taxa to landscape context and agricultural intensification." Landscape and Urban Planning **67**(1-4): 195-204.
- Busch, L. (1981). Social Forces **60**(2, Special Issue): 614-615.
- Butler, R. W. (1999). "Winter abundance and distribution of shorebirds and songbirds on farmlands on the Fraser River Delta, British Columbia, 1989-1991." Canadian Field-Naturalist **113**(3): 390-395.
- Butterweck, M. D. (2000). Do corridors increase movements between forest patches? A study on between habitat migration of ground beetles (Coleoptera : Carabidae). Workshop on Ecological Corridors for Invertebrates: Strategies of Dispersal and Recolonisation in Today's Agricultural and Forestry Landscapes, Proceedings. Strasbourg, COUNCIL EUROPE: 35-43.
- Byrne, M. S. C. (1930). Review of English Studies **6**(23): 371-374.
- Cain, A. J. (1968). "Sand-Dune Populations of *Cepaea nemoralis* (L.)." Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences **253**(789, Studies on *Cepaea*): 499-517.
- Campbell, B. (1975). The Journal of Animal Ecology **44**(3): 925.
- Capizzi, D., M. Battistini, et al. (2002). "Analysis of the hazel dormouse, *Muscardinus avellanarius*, distribution in a mediterranean fragmented woodland." Italian Journal of Zoology **69**(1): 25-31.
- Capizzi, D., M. Battistini, et al. (2003). "Effects of habitat fragmentation and forest management on the distribution of the edible dormouse *Glis glis*." Acta Theriologica **48**(3): 359-371.

- Cargnelutti, B., D. Reby, et al. (2002). "Space use by roe deer in a fragmented landscape some preliminary results." Revue D Ecologie-La Terre Et La Vie **57**(1): 29-37.
- Carter, S. P. (1990). "Habitat change and bird populations." British Wildlife **1**(6): 324-335.
- Catchpole, C. K. (1974). "Habitat Selection and Breeding Success in the Reed Warbler (*Acrocephalus scirpaceus*)." The Journal of Animal Ecology **43**(2): 363-380.
- Chabot, A. A., D. M. Bird, et al. (2001). "Breeding biology and nesting success of Loggerhead Shrikes in Ontario." Wilson Bulletin **113**(3): 285-289.
- Chabot, A. A., R. D. Titman, et al. (2001). "Habitat use by Loggerhead Shrikes in Ontario and Quebec." Canadian Journal of Zoology **79**(5): 916-925.
- Chamberlain, D. E., R. J. Fuller, et al. (2001). "A comparison of farmland bird density and species richness in lowland England between two periods of contrasting agricultural practice." Bird Study **48**: 245-251.
- Chamberlain, D. E., B. J. Hatchwell, et al. (1995). "Spaced out nests and predators: An experiment to test the effects of habitat structure." Journal of Avian Biology **26**(4): 346-349.
- Chamberlain, D. E., J. A. Vickery, et al. (2001). The effect of hedgerow characteristics on the winter hedgerow bird community. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 197-206.
- Chamberlain, D. E. and J. D. Wilson (2000). The contribution of hedgerow structure to the value of organic farms to birds. Ecology and Conservation of Lowland Farmland Birds. Tring, BRITISH ORNITHOLOGISTS UNION: 57-68.
- Chandler, D., D. Hay, et al. (1997). "Sampling and occurrence of entomopathogenic fungi and nematodes in UK soils." Applied Soil Ecology **5**(2): 133-141.
- Chardon, J. P., J. P. Chardon, et al. (2003). "Incorporating landscape elements into a connectivity measure: A case study for the Speckled wood butterfly (*Pararge aegeria* L.)." Landscape Ecology **18**(6): 561-573.
- Charrier, S., S. Petit, et al. (1997). "Movements of *Abax parallelepipedus* (Coleoptera, Carabidae) in woody habitats of a hedgerow network landscape: a radio-tracing study." Agriculture, ecosystems & environment **61**(2/3): 133-144.
- Cherrill, A., C. Mercer, et al. (2001). "Assessing the floristic diversity of hedge networks: A landscape perspective." Landscape Research **26**(1): 55-64.
- Chrétienne, M. and C. Eraud (2002). "Relationship between autumn bird populations and the spatio-temporal availability of fleshy fruit in the "bocage" [Relation entre les populations d'oiseaux à l'automne-hiver et la disponibilité spatio-temporelle des fruits charnus en bocage]." Alauda **70**(1): 149-160.
- Cioc, M., B.-O. Linnér, et al. (2000). "Environmental history writing in northern Europe." Environmental History **5**(3): 396-406.
- Clapham, A. R. (1978). The Journal of Ecology **66**(3): 1065-1067.
- Clarke, B., C. Diver, et al. (1968). "The Spatial and Temporal Distribution of Phenotypes in a Colony of *Cepaea nemoralis* (L.)." Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences **253**(789, Studies on *Cepaea*): 519-548.

Clements, L. (1992). "The statutory protection of hedges." ECOS: a Review of Conservation **13**(3): 34-39.

Clergeau, P. and F. Burel (1997). "The role of spatio-temporal patch connectivity at the landscape level: An example in a bird distribution." Landscape and Urban Planning **38**(1-2): 37-43.

Clobert, J., C. M. Perrins, et al. (1988). "Survival Rate in the Great Tit *Parus major* in Relation to Sex, Age, and Immigration Status." The Journal of Animal Ecology **57**(1): 287-306.

Cloke, P., P. Milbourne, et al. (1996). "The English National Forest: Local Reactions to Plans for Renegotiated Nature-Society Relations in the Countryside." Transactions of the Institute of British Geographers **21**(3): 552-571.

Cody, M. L. (1978). "Habitat Selection and Interspecific Territoriality among the Sylviid Warblers of England and Sweden." Ecological Monographs **48**(4): 351-396.

Cohen, C. L. (1996). The Sixteenth Century Journal **27**(4): 1111-1112.

Collette, J. (2001). "Forest and "bocage" (small field with old hedgerow and small woodlands mosaic) birds [Oiseaux forestiers et bocage]." Alauda **69**(1): 111-115.

Collinge, S. K. (2000). "Effects of Grassland Fragmentation on Insect Species Loss, Colonization, and Movement Patterns." Ecology **81**(8): 2211-2226.

Collins, K. L., A. Wilcox, et al. (2003). "A 5-year comparison of overwintering polyphagous predator densities within a beetle bank and two conventional hedgebanks." Annals of Applied Biology **143**(1): 63-71.

Conradt, L., C. D. Thomas, et al. (2003). "Foray search: An effective systematic dispersal strategy in fragmented landscapes." American Naturalist **161**(6): 905-915.

Cook, D. B. and W. J. Hamilton, Jr. (1944). "The Ecological Relationships of Red Fox Food in Eastern New York." Ecology **25**(1): 91-104.

Coombe, D. E. (1958). The Journal of Ecology **46**(3): 783-785.

Corbit, M., P. L. Marks, et al. (1999). "Hedgerows as habitat corridors for forest herbs in central New York, USA." Journal of ecology **87**(2): 220-232.

Costello, M. J., K. M. Daane, et al. (2003). "Spider and Leafhopper (*Erythroneura* spp.) Response to Vineyard Ground Cover." Environmental Entomology **32**(5): 1085-1098.

Cousins, S. A. O. and O. Eriksson (2001). "Plant species occurrences in a rural hemiboreal landscape: Effects of remnant habitats, site history, topography and soil." Ecography **24**(4): 461-469.

Cowgill, S. E. (1991). "The foraging ecology of hoverflies and the potential for manipulating their distribution on farmland."

Cowley, M. J. R., C. D. Thomas, et al. (2001). "Density-Distribution Relationships in British Butterflies. I. The Effect of Mobility and Spatial Scale." Journal of Animal Ecology **70**(3): 410-425.

Cowley, M. J. R., C. D. Thomas, et al. (2001). "Density-Distribution Relationships in British Butterflies. II. An Assessment of Mechanisms." Journal of Animal Ecology **70**(3): 426-441.

Crawley, M. J. (1986). "The Population Biology of Invaders." Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences **314**(1167, Quantitative Aspects of the Ecology of Biological Invasions): 711-730.

- Crist, T. O. and R. G. Ahern (1999). "Effects of habitat patch size and temperature on the distribution and abundance of ground beetles (Coleoptera: Carabidae) in an old field." Environmental Entomology **28**(4): 681-689.
- Croxton, P. J., C. Carvell, et al. (2002). "A comparison of green lanes and field margins as bumblebee habitat in an arable landscape." Biological Conservation **107**(3): 365-374.
- Croxton, P. J., W. Franssen, et al. (2004). "The restoration of neglected hedges: A comparison of management treatments." Biological Conservation **117**(1): 19-23.
- Cunningham, S. A. (2000). "Effects of habitat fragmentation on the reproductive ecology of four plant species in mallee woodland." Conservation Biology **14**(3): 758-768.
- Damman, H. and M. L. Cain (1998). "Population Growth and Viability Analyses of the Clonal Woodland Herb, *Asarum canadense*." Journal of Ecology **86**(1): 13-26.
- Daniels, R. J. R. (1994). "A Landscape Approach to Conservation of Birds." Journal of Biosciences **19**(4): 503-509.
- Dauber, J. and V. Wolters (2004). "Edge effects on ant community structure and species richness in an agricultural landscape." Biodiversity and Conservation **13**(5): 901-915.
- Davies, N. B. (1986). "Reproductive Success of Dunnocks, *Prunella modularis*, in a Variable Mating System. I. Factors Influencing Provisioning Rate, Nestling Weight and Fledging Success." The Journal of Animal Ecology **55**(1): 123-138.
- Davis, P. E. and I. Newton (1981). "Population and Breeding of Red Kites in Wales Over a 30-Year Period." The Journal of Animal Ecology **50**(3): 759-772.
- De Blois, S., G. Domon, et al. (2002). "Factors affecting plant species distribution in hedgerows of southern Quebec." Biological Conservation **105**(3): 355-367.
- de la Pena, N. M., A. Butet, et al. (2003). "Landscape context and carabid beetles (Coleoptera : Carabidae) communities of hedgerows in western France." Agriculture Ecosystems & Environment **94**(1): 59-72.
- De La Peña, N. M., A. Butet, et al. (2003). "Response of the small mammal community to changes in western French agricultural landscapes." Landscape Ecology **18**(3): 265-278.
- De Warnaffe, G. D. B., M. Dufrière, et al. (2004). "To what extent can management variables explain species assemblages? A study of carabid beetles in forests." Ecography **27**(6): 701-714.
- DeBres, K. (1992). Geographical Review **82**(3): 340-342.
- Debruijn, O. (1994). "Population Ecology and Conservation of the Barn Owl *Tyto-Alba* in Farmland Habitats in Liemers and Achterhoek (the Netherlands)." Ardea **82**(1): 1-109.
- Deckers, B., M. Hermy, et al. (2004). "Factors affecting plant species composition of hedgerows: Relative importance and hierarchy." Acta Oecologica **26**(1): 23-37.
- Deckers, B., K. Verheyen, et al. (2004). "Differential environmental response of plant functional types in hedgerow habitats." Basic and Applied Ecology **5**(6): 551-566.

- Delattre, P., B. De Sousa, et al. (1999). "Vole outbreaks in a landscape context: evidence from a six year study of *Microtus arvalis*." Landscape Ecology **14**(4): 401-412.
- Delettre, Y. R. (2005). "Short-range spatial patterning of terrestrial Chironomidae (Insecta: Diptera) and farmland heterogeneity." Pedobiologia **49**(1): 15-27.
- Delettre, Y. R. and N. Morvan (2000). "Dispersal of adult aquatic Chironomidae (Diptera) in agricultural landscapes." Freshwater Biology **44**(3): 399-411.
- Den Belder, E., J. Elderson, et al. (2002). "Effect of woodlots on thrips density in leek fields: A landscape analysis." Agriculture, Ecosystems and Environment **91**(1-3): 139-145.
- Dennis, P. and G. L. A. Fry (1992). "Field Margins - Can They Enhance Natural Enemy Population-Densities and General Arthropod Diversity on Farmland." Agriculture Ecosystems & Environment **40**(1-4): 95-115.
- Desender, K., A. Eryvynck, et al. (1999). "Beetle diversity and historical ecology of woodlands in Flanders." Belgian Journal of Zoology **129**(1): 139-155.
- Desender, K., E. Small, et al. (2005). "Rural-urban gradients and the population genetic structure of woodland ground beetles." Conservation Genetics **6**(1): 51-62.
- Dickman, C. R. and C. P. Doncaster (1987). "The Ecology of Small Mammals in Urban Habitats. I. Populations in a Patchy Environment." The Journal of Animal Ecology **56**(2): 629-640.
- Dingerkus, S. K. and W. I. Montgomery (2002). "A review of the status and decline in abundance of the Irish Hare (*Lepus timidus hibernicus*) in Northern Ireland." Mammal Review **32**(1): 1-11.
- Dixon, J. M. (1995). "Trisetum Flavescens (L.) Beauv. (T. Pratense Pers., Avena Flavescens L.)." Journal of Ecology **83**(5): 895-909.
- Don, B. A. C. and K. Rennolls (1983). "A Home Range Model Incorporating Biological Attraction Points." The Journal of Animal Ecology **52**(1): 69-81.
- Doncaster, C. P., C. Rondinini, et al. (2001). "Field Test for Environmental Correlates of Dispersal in Hedgehogs *Erinaceus europaeus*." Journal of Animal Ecology **70**(1): 33-46.
- Dooley, J. L., Jr. and M. A. Bowers (1998). "Demographic Responses to Habitat Fragmentation: Experimental Tests at the Landscape and Patch Scale." Ecology **79**(3): 969-980.
- Dover, J. and T. Sparks (2000). "A review of the ecology of butterflies in British hedgerows." Journal of Environmental Management **60**(1): 51-63.
- Dover, J., T. Sparks, et al. (2000). "Linear features and butterflies: the importance of green lanes." Agriculture, Ecosystems & Environment **80**(3): 227-242.
- Dover, J. W. (1997). "Conservation headlands: effects on butterfly distribution and behaviour." Agriculture, Ecosystems & Environment **63**(1): 31-49.
- Dover, J. W. (2000). "Human, environmental and wildlife aspects of corridors with specific reference to UK planning practice." Landscape Research **25**(3): 333-344.
- Dover, J. W., K. Butt, et al. (1998). Nodes and linear sections of field boundaries: plant species richness, soil nutrients and boundary width. Key

- Concepts in Landscape Ecology. Lymm, IALE (UK) INT ASSOC LANDSCAPECOL: 347-350.
- Dover, J. W. and J. W. Dover (1996). "Factors affecting the distribution of satyrid butterflies on arable farmland." Journal of Applied Ecology **33**(4): 723-734.
- Downes, S. J., K. A. Handasyde, et al. (1997). "The use of corridors by mammals in fragmented Australian eucalypt forests." Conservation Biology **11**(3): 718-726.
- Duffey, E. (1962). "A Population Study of Spiders in Limestone Grassland." The Journal of Animal Ecology **31**(3): 571-599.
- Duffey, E. (1967). The Journal of Animal Ecology **36**(3): 747-749.
- Dunford, C. (1977). "Behavioral Limitation of Round-Tailed Ground Squirrel Density." Ecology **58**(6): 1254-1268.
- Durner, G. M. and J. E. Gates (1993). "Spatial ecology of black rat snakes on Remington Farms, Maryland." Journal of Wildlife Management **57**(4): 812-826.
- Dyer, L. E., D. A. Landis, et al. (1997). "Influence of Noncrop Habitats on the Distribution of *Eriborus terebrans* (Hymenoptera: Ichneumonidae) in Cornfields." Environmental Entomology **26**(4): 924-932.
- Elle, O. (2003). "Quantification of the integrative effect of ecotones as exemplified by the habitat choice of Blackcap and Whitethroat (*Sylvia atricapilla* and *S. communis*, Sylviidae)." Journal Fur Ornithologie **144**(3): 271-283.
- Endels, P., D. Adriaens, et al. (2004). "Population structure and adult plant performance of forest herbs in three contrasting habitats." Ecography **27**(2): 225-241.
- Endels, P., H. Jacquemyn, et al. (2002). "Temporal changes (1986-1999) in populations of primrose (*Primula vulgaris* Huds.) in an agricultural landscape and implications for conservation." Biological Conservation **105**(1): 11-25.
- Engen, S., B.-E. Saether, et al. (2001). "Stochastic Population Dynamics and Time to Extinction of a Declining Population of Barn Swallows." Journal of Animal Ecology **70**(5): 789-797.
- Entwistle, A. C., P. A. Racey, et al. (1996). "Habitat Exploitation by a Gleaning Bat, *Plecotus auritus*." Philosophical Transactions: Biological Sciences **351**(1342): 921-931.
- Estrada, A., E. Fuentes, et al. (2004). "General bat activity measured with an ultrasound detector in a fragmented tropical landscape in Los Tuxtlas, Mexico." Animal Biodiversity and Conservation **27**(2): 5-13.
- Evans, K. L., R. B. Bradbury, et al. (2003). "Selection of hedgerows by Swallows *Hirundo rustica* foraging on farmland: The influence of local habitat and weather." Bird Study **50**(1): 8-14.
- Eybert, M. C., P. Constant, et al. (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.
- Facelli, J. M. (1994). "Multiple Indirect Effects of Plant Litter Affect the Establishment of Woody Seedlings in Old Fields." Ecology **75**(6): 1727-1735.
- Faiers, A. and A. Bailey (2005). "Evaluating canalside hedgerows to determine future interventions." Journal of Environmental Management **74**(1): 71-78.
- Fairchild, H. N. (1955). Modern Language Notes **70**(7): 539-541.

- Farina, A. (1989). "Bird community patterns in Mediterranean farmlands: a comment." *Agriculture, Ecosystems & Environment* **27**(1-4): 177-181.
- Fasola, M. and F. Mogavero (1995). "Structure and Habitat Use in a Web-Building Spider Community in Northern Italy." *Bollettino Di Zoologia* **62**(2): 159-166.
- Fauske, J., H. P. Andreassen, et al. (1997). "Spatial organization in a small population of the root vole *Microtus oeconomus* in a linear habitat." *Acta Theriologica* **42**(1): 79-90.
- Feeny, P., W. S. Blau, et al. (1985). "Larval Growth and Survivorship of the Black Swallowtail Butterfly in Central New York." *Ecological Monographs* **55**(2): 167-187.
- Fernández Garcí?a, A., G. J. K. Griffiths, et al. (2000). "Density, distribution and dispersal of the carabid beetle *Nebria brevicollis* in two adjacent cereal fields." *Annals of Applied Biology* **137**(2): 89-97.
- Ficetola, G. F. and F. De Bernardi (2004). "Amphibians in a human-dominated landscape: The community structure is related to habitat features and isolation." *Biological Conservation* **119**(2): 219-230.
- Field, R. G. (2003). "A study of butterflies on farmland."
- Figala, J., J. Prchalova, et al. (2001). "GIS assessment of the decline of gray partridge (*Perdix perdix*) nesting habitat in the Elbe River Lowlands, the Czech Republic, 1949-1996." *Ekologia-Bratislava* **20**(2): 209-218.
- Firbank, L. G., C. J. Barr, et al. (2003). "Assessing stock and change in land cover and biodiversity in GB: an introduction to Countryside Survey 2000." *Journal of Environmental Management* **67**(3): 207-218.
- Fitzgibbon, C. D. (1993). "The Distribution of Gray Squirrel Dreys in Farm Woodland - the Influence of Wood Area, Isolation and Management." *Journal of Applied Ecology* **30**(4): 736-742.
- Fitzgibbon, C. D. (1997). "Small mammals in farm woodlands: The effects of habitat, isolation and surrounding land-use patterns." *Journal of Applied Ecology* **34**(2): 530-539.
- Fjeldsa, J. (1981). "(Population and habitat selection of magpie, *Pica pica*, in central Zealand, Denmark).
[Bestand og habitatvalg hos husskade *Pica pica* pa Midsjaelland.]" *Dansk Ornithologisk Forenings Tidsskrift* **75**(1-2): 31-39.
- Fleury, A. M. and R. D. Brown (1997). "A framework for the design of wildlife conservation corridors with specific application to southwestern Ontario." *Landscape and Urban Planning* **37**(3-4): 163-186.
- Floristan, A. and M. A. Lizarraga (1990). "Changes in the rural landscape of the Spanish Western Pyrenees
[Cambios en los paisajes rurales del pirineo occidental Espanol]." *Travaux - Universite de Poitiers, Centre de Geographie Humaine et Sociale* **17**: 239-250.
- Flowerdew, J. R. (1974). "Field and Laboratory Experiments on the Social Behaviour and Population Dynamics of the Wood Mouse (*Apodemus sylvaticus*)." *The Journal of Animal Ecology* **43**(2): 499-511.
- Flowerdew, J. R., R. F. Shore, et al. (2004). "Live trapping to monitor small mammals in Britain." *Mammal Review* **34**(1-2): 31-50.
- Forrest Sheperd, B. and R. K. Swihart (1995). "Spatial dynamics of fox squirrels (*Sciurus niger*) in fragmented landscapes." *Canadian Journal of Zoology* **73**(11): 2098-2105.

- Fournier, E. and M. Loreau (1999). "Effects of newly planted hedges on ground-beetle diversity (Coleoptera, Carabidae) in an agricultural landscape." Ecography **22**(1): 87-97.
- Fournier, E. and M. Loreau (2001). "Respective roles of recent hedges and forest patch remnants in the maintenance of ground-beetle (coleoptera: Carabidae) diversity in an agricultural landscape." Landscape Ecology **16**(1): 17-32.
- Fournier, E. and M. Loreau (2002). "Foraging activity of the carabid beetle *Pterostichus melanarius* Ill. in field margin habitats." Agriculture, Ecosystems and Environment **89**(3): 253-259.
- Fox, A. D. (2004). "Has Danish agriculture maintained farmland bird populations?" Journal of Applied Ecology **41**(3): 427-439.
- Franceschini, G., M. Cannavacciuolo, et al. (1997). "A geostatistical analysis of the spatial distribution of *Abax parallelepipedus* (Coleoptera, Carabidae) in a woodlot." European Journal of Soil Biology **33**(3): 117-122.
- Francesco Ficetola, G. and F. De Bernardi (2004). "Amphibians in a human-dominated landscape: the community structure is related to habitat features and isolation." Biological Conservation **119**(2): 219-230.
- Franklin, J. F. (1993). "Preserving Biodiversity: Species, Ecosystems, or Landscapes?" Ecological Applications **3**(2): 202-205.
- Freeman, T. W. (1964). Geographical Journal **130**(4): 567.
- Freemark, K. E., C. Boutin, et al. (2002). "Importance of farmland habitats for conservation of plant species." Conservation Biology **16**(2): 399-412.
- French, B. W., N. C. Elliott, et al. (2001). "Effects of riparian and grassland habitats on ground beetle (coleoptera: Carabidae) assemblages in adjacent wheat fields." Environmental Entomology **30**(2): 225-234.
- French, D. D. and R. P. Cummins (2001). "Classification, composition, richness and diversity of British hedgerows." Applied vegetation science : official organ of the International Association for Vegetation Science **4**(2): 213-228.
- Fritz, R. and G. Merriam (1993). "Fencerow habitats for plants moving between farmland forests." Biological Conservation **64**(2): 141-148.
- Frouz, J. and J. Olejník (1999). "Flight patterns of Chironomidae and Dolichopodidae (Diptera) in a suburban fallow area: The effect of vegetation mosaic." Biologia - Section Botany **54**(2): 169-178.
- Frouz, J. and M. G. Paoletti (2000). "Spatial distribution of different life stages of one Dipteran community along hedgerow and field margin." Landscape and Urban Planning **48**(1-2): 19-29.
- Fry, G. (2001). Multifunctional hedgerows in Norway. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 53-61.
- Fry, G. and I. Sarlöv-Herlin (1997). "The ecological and amenity functions of woodland edges in the agricultural landscape; A basis for design and management." Landscape and Urban Planning **37**(1-2): 45-55.
- Fuller, R. J., D. E. Chamberlain, et al. (2001). "Distributions of birds in lowland agricultural landscapes of England and Wales: How distinctive are bird communities of hedgerows and woodland?" Agriculture, Ecosystems and Environment **84**(1): 79-92.

- Garbutt, R. A. and T. H. Sparks (2002). "Changes in the botanical diversity of a species rich ancient hedgerow between two surveys (1971-1998)." Biological Conservation **106**(2): 273-278.
- Garcia, A. F., G. J. K. Griffiths, et al. (2000). "Density, distribution and dispersal of the carabid beetle *Nebria brevicollis* in two adjacent cereal fields." Annals of Applied Biology **137**(2): 89-97.
- Garner, J. F. (1976). The Modern Law Review **39**(4): 484-485.
- Geertsema, W., P. Opdam, et al. (2002). "Plant strategies and agricultural landscapes: Survival in spatially and temporally fragmented habitat." Landscape Ecology **17**(3): 263-279.
- Ghys, M. I. and M. Favero (2004). "Food and feeding biology of the Brown-hooded Gull in agroecosystems of the Southeastern Buenos Aires Province, Argentina." Ornitologia Neotropical **15**(4): 493-500.
- Gill, D. E. (1978). "The Metapopulation Ecology of the Red-Spotted Newt, *Notophthalmus viridescens* (Rafinesque)." Ecological Monographs **48**(2): 145-166.
- Gill, D. S. and P. L. Marks (1991). "Tree and Shrub Seedling Colonization of Old Fields in Central New York." Ecological Monographs **61**(2): 183-205.
- Gillings, S. and R. J. Fuller (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.
- Girma, H., M. R. Rao, et al. (2000). "Insect pests and beneficial arthropods population under different hedgerow intercropping systems in semiarid Kenya." Agroforestry Systems **50**(3): 279-292.
- Glue, D. E. (1996). "Impact of the cold 1995/96 winter, cool late spring and hot dry summer on Britain's breeding birds in 1996." Journal of Meteorology **21**(214): 399-403.
- Godwin, H. (1943). "*Rhamnus Cathartica* L." The Journal of Ecology **31**(1): 69-76.
- Godwin, H. (1949). The Journal of Ecology **37**(1): 182-183.
- Goiti, U., J. R. Aihartza, et al. (2003). "Influence of habitat on the foraging behaviour of the Mediterranean horseshoe bat, *Rhinolophus euryale*." Acta Chiropterologica **5**(1): 75-84.
- Goodwin, B. J. (2003). "Is landscape connectivity a dependent or independent variable?" Landscape Ecology **18**(7): 687-699.
- Goodwin, B. J. and L. Fahrig (2002). "Effect of landscape structure on the movement behaviour of a specialized goldenrod beetle, *Trirhabda borealis*." Canadian Journal of Zoology **80**(1): 24-35.
- Goodwin, B. J., L. Fahrig, et al. (2002). "How does landscape structure influence landscape connectivity?" Oikos **99**(3): 552-570.
- Gordon, R. (1996). Review of English Studies **47**(186): 230-232.
- Graf, R., H. Bolzern, et al. (2004). "Nature conservation aims on golf courses? Monitoring control on the golf course 'Holzhäusern' (Canton Zug, Switzerland)
[Können auf Golfplätzen Naturschutzziele erreicht werden? Eine Erfolgskontrolle in Holzhausen (Kanton Zug, Schweiz)]." Naturschutz und Landschaftsplanung **36**(10): 311-320.
- Graham-Yooll, E. and J. Firmin (1976). Flowers of the hedgerow and wayside. Cambridge, Dinosaur in association with Theorem.

- Grajetzky, B. (1993). "Feeding Ecology of Adult Robins (*Erithacus-Rubecula*) in a Hedgerow Habitat of Schleswig-Holstein." Journal Fur Ornithologie **134**(1): 13-22.
- Graubart, M. (1995). Tempo(194, Italian Issue): 44+46-48.
- Great Britain. Dept. of Agriculture for Northern, I. (1994). Countryside management : field boundaries. [S.l.], Department of Agriculture for Northern Ireland.
- Green, A. J. (1994). The conservation value of hedgerows and headlands for small mammal populations on the Glynllifon Estate, North Wales.
- Green, R. E., P. E. Osborne, et al. (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.
- Greenwood, P. J. and P. H. Harvey (1976). "The Adaptive Significance of Variation in Breeding Area Fidelity of the Blackbird (*Turdus merula* L.)." The Journal of Animal Ecology **45**(3): 887-898.
- Griffiths, G. J. K., E. Williams, et al. (2000). The importance of field boundaries for whole-farm biodiversity conservation. Bcpc Conference: Pests & Diseases 2000, Vols 1-3, Proceedings. Farnham, BRITISH CROP PROTECTION COUNCIL. **1-3**: 491-494.
- Gruffydd, J. S. B. (1977). Geographical Journal **143**(2): 293-295.
- Gruttke, H. and P. M. Kornacker (1995). "The development of epigeic fauna in new hedges -- a comparison of spatial and temporal trends." Landscape and Urban Planning **31**(1-3): 217-231.
- Gucinski, H., M. J. Furniss, et al. (2001). "Forest roads: A synthesis of scientific information." General Technical Reports of the US Department of Agriculture, Forest Service(509): 1-103.
- Guo, Q. (2000). "Climate change and biodiversity conservation in Great Plains agroecosystems." Global Environmental Change **10**(4): 289-298.
- Haas, C. A. and C. A. Haas (1997). "What characteristics of shelterbelts are important to breeding success and return rate of birds?" American Midland Naturalist **137**(2): 225-238.
- Haddad, N. M. and J. J. Tewksbury (2005). "Low-quality habitat corridors as movement conduits for two butterfly species." Ecological Applications **15**(1): 250-257.
- Halaj, J., A. B. Cady, et al. (2000). "Modular habitat refugia enhance generalist predators and lower plant damage in soybeans." Environmental Entomology **29**(2): 383-393.
- Hall, H., S. Micklewright, et al. (1994). Wildlife action pack : how to improve your area for wildlife. Lincoln, Wildlife Trusts: 22 workcards.
- Hamid, M. N., J. N. Perry, et al. (1999). "The effect of spatial scale on interactions between two weevils and their food plant." Acta Oecologica **20**(5): 537-549.
- Hansen, J. T. (1995). The Journal of American History **82**(1): 338-339.
- Hare, F. K. (1954). Geographical Review **44**(2): 323-324.
- Harper, J. L. (1957). "*Ranunculus Acris* L." The Journal of Ecology **45**(1): 289-342.
- Harris, G. L., S. C. Rose, et al. (1991). "A case study observing changes in land drainage and management in relation to ecology." Hydrological basis of

ecologically sound management of soil and groundwater. Proc. symposium, Vienna, 1991: 247-256.

Harris, J. L. (1978). Economic Development and Cultural Change **26**(2): 433-439.

Harris, R. N. Hedgerow.

Hartley, J. C. and A. C. Warne (1973). "The Distribution of Pholidoptera griseoptera (Degeer) (Orthoptera: Tettigoniidae) in England and Wales Related to Accumulated Temperatures." The Journal of Animal Ecology **42**(3): 531-537.

Harvey, C. A. (2000). "Colonization of Agricultural Windbreaks by Forest Trees: Effects of Connectivity and Remnant Trees." Ecological Applications **10**(6): 1762-1773.

Haslam, S. M. (1977). The Journal of Ecology **65**(3): 1012-1013.

Haughland, D. L. and K. W. Larsen (2004). "Ecology of North American red squirrels across contrasting habitats: Relating natal dispersal to habitat." Journal of Mammalogy **85**(2): 225-236.

Hawkins, V. and P. Selman (2002). "Landscape scale planning: Exploring alternative land use scenarios." Landscape and Urban Planning **60**(4): 211-224.

Hayes, M. J., A. T. Jones, et al. (2001). Studies on the restoration of Welsh hedges. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 339-348.

Hedger, S. V. (1976). Woodland relic herb species in hedgerows. Birmingham, University of Birmingham.

Helliwell, D. R. (1975). "The distribution of woodland plant species in some Shropshire hedgewors." Biological Conservation **7**(1): 61-72.

Henderson, I. G., J. Cooper, et al. (2000). "The relative abundance of birds on set-aside and neighbouring fields in summer." Journal of Applied Ecology **37**(2): 335-347.

Henkin, L. (1969). Harvard Law Review **82**(5): 1193-1201.

Henry Jr., A. C., D. A. Hosack, et al. (1999). "Conservation corridors in the United States: Benefits and planning guidelines." Journal of Soil and Water Conservation **54**(4): 645-650.

Herlin, I. L. S. (2004). Landscape ecology of woody tree and scrub species in hedgerows and woodland edges. Assumptions on relations between landscape composition and species occurrence, based on a field-study. Landscape Ecology of Trees and Forests. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 332-335.

Herlin, I. L. S. and G. L. A. Fry (2000). "Dispersal of woody plants in forest edges and hedgerows in a Southern Swedish agricultural area: the role of site and landscape structure." Landscape Ecology **15**(3): 229-242.

Herlin, I. N. (2001). "Approaches to forest edges a dynamic structures and functional concepts." Landscape Research **26**(1): 27-43.

Herlin, I. S. (2001). How can an understanding of dispersal processes for woody species contribute to the establishment and management of hedgerows? Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 147-156.

Herzig, A. L. (1995). "Effects of Population Density on Long-Distance Dispersal in the Goldenrod Beetle *Triphaba Virgata*." Ecology **76**(7): 2044-2054.

- Herzog, F., S. Dreier, et al. "Effect of ecological compensation areas on floristic and breeding bird diversity in Swiss agricultural landscapes." *Agriculture, Ecosystems & Environment* **In Press, Corrected Proof**.
- Hill, D. A., J. Andrews, et al. (1995). "Farmland." *Managing habitats for conservation*: 230-266.
- Hill, D. J. and B. Price (2000). "Ornithogalum pyrenaicum L." *Journal of Ecology* **88**(2): 354-365.
- Hill, R. A., G. M. Smith, et al. (2001). Mapping hedgerows in a landscape context using airborne remote sensing data. *Hedgerows of the World: Their Ecological Functions in Different Landscapes*. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 93-97.
- Hills, J. (1990). *Relationships between hedgerow characteristics and bird communities : a multivariate approach*, [Durham].
- Hilty, J. A., A. M. Merenlender, et al. (2004). "Use of Riparian Corridors and Vineyards by Mammalian Predators in Northern California." *Conservation Biology* **18**(1): 126-135.
- Hinsley, S. A. and P. E. Bellamy (2000). "The influence of hedge structure, management and landscape context on the value of hedgerows to birds: A review." *Journal of Environmental Management* **60**(1): 33-49.
- Hinsley, S. A., P. E. Bellamy, et al. (1995). "Habitat and Landscape Factors Influencing the Presence of Individual Breeding Bird Species in Woodland Fragments." *Journal of Avian Biology* **26**(2): 94-104.
- Hinsley, S. A., P. E. Bellamy, et al. (1996). "Influences of population size and woodland area on bird species distributions in small woods." *Oecologia* **105**(1): 100-106.
- Hinsley, S. A., P. E. Bellamy, et al. (1998). Co-occurrence of bird species-richness and the abundance of individual bird species in highly fragmented farm woods in eastern England. *Key Concepts in Landscape Ecology*. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 227-232.
- Hodge, S. J., A. Arboricultural, et al. (1990). *The establishment of trees in existing hedgerows*. Farnham, Arboricultural Advisory & Information Service.
- Hodge, S. J., A. Arboricultural, et al. (1990). *The establishment of trees in new hedgerows*. Farnham, Arboricultural Advisory & Information Service.
- Hodge, S. J. and E. Great Britain. Dept. of the (1990). *The establishment of trees in hedgerows*. [London], Department of the Environment.
- Hoffman, C. J. and T. J. Dennehy (1989). "Phenology, movement, and within-field distribution of the grape berry moth, *Endopiza viteana* (Clemens) (Lepidoptera: Tortricidae), in New York vineyards." *Canadian Entomologist* **121**(4-5): 325-335.
- Holder, J. (1999). "Law and Landscape: The Legal Construction and Protection of Hedgerows." *The Modern Law Review* **62**(1): 100-114.
- Holland, J. and L. Fahrig (2000). "Effect of woody borders on insect density and diversity in crop fields: A landscape-scale analysis." *Agriculture, Ecosystems and Environment* **78**(2): 115-122.
- Holland, J. M. and M. L. Luff (2000). "The effects of agricultural practices on Carabidae in temperate agroecosystems." *Integrated Pest Management Reviews* **5**(2): 109-129.
- Holland, J. M., L. Winder, et al. (2004). "The spatial dynamics of crop and ground active predatory arthropods and their aphid prey in winter wheat." *Bulletin of Entomological Research* **94**(5): 419-431.

Holmes, D. M. and G. W. Barrett (1997). "Japanese beetle (*Popillia japonica*) dispersal behavior in intercropped vs. monoculture soybean agroecosystems." American Midland Naturalist **137**(2): 312-319.

Honnay, O., B. Bossuyt, et al. (2002). "Ecological perspectives for the restoration of plant communities in European temperate forests." Biodiversity and Conservation **11**(2): 213-242.

Horváth, R., T. Magura, et al. (2002). "Edge effect on weevils and spiders." Web Ecology **3**: 43-47.

Hotaling, N. E. M., W. J. Kuenzel, et al. (2002). "Breeding season bird use of restored wetlands in eastern Maryland." Southeastern Naturalist **1**(3): 233-252.

Hovemeyer, K. (1999). "Diversity Patterns in Terrestrial Dipteran Communities." Journal of Animal Ecology **68**(2): 400-416.

Hughes-Clarke, S. A. (1990). "The wildlife conservation value of field corner plantations."

Hull, S. K. (1991). "A study undertaken in southern Britain to investigate the late-flushing of hedgerow ash in spring 1987." Forestry : The journal of the Institute of Chartered Foresters **64**(2): 189-197.

Hunter, M. D. (2002). "Landscape structure, habitat fragmentation, and the ecology of insects." Agricultural and Forest Entomology **4**(3): 159-166.

Hunter, M. L. and J. R. Krebs (1979). "Geographical Variation in the Song of the Great Tit (*Parus major*) in Relation to Ecological Factors." The Journal of Animal Ecology **48**(3): 759-785.

Hutchings, M. J. and E. A. C. Price (1999). "*Glechoma hederacea* L. (*Nepeta glechoma* Benth., *N. hederacea* (L.) Trev.)." Journal of Ecology **87**(2): 347-364.

Hutchinson, J. T. and M. J. Lacki (2000). "Selection of day roosts by red bats in mixed mesophytic forests." Journal of Wildlife Management **64**(1): 87-94.

Ibrahim, H. S. (1985). Bird diversity in hedgerows, [Durham].

Inglis, I. R., E. Wright, et al. (1994). "The impact of hedges and farm woodlands on woodpigeon (*Columba palumbus*) nest densities." Agriculture, Ecosystems & Environment **48**(3): 257-262.

Innes, J. L. and B. Koch (1998). "Forest biodiversity and its assessment by remote sensing." Global Ecology and Biogeography **7**(6): 397-419.

Ivins, J. D. (1952). "Concerning the Ecology of *Urtica Dioica* L." The Journal of Ecology **40**(2): 380-382.

Jackson, J. I. (2001). "Spatial and temporal dynamics of plants colonizing species-poor hedgerows."

Jackson, J. I., D. McCollin, et al. (2002). Bird seed/fruit dispersal and seed source abundance in the colonization success of woody plant species in three experimental hawthorn hedgerows. Avian Landscape Ecology: Pure and Applied Issues in the Large-Scale Ecology of Birds. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 346-346.

Jacquemyn, H., R. Brys, et al. (2003). "Effects of agricultural land use and fragmentation on genetics, demography and population persistence of the rare *Primula vulgaris*, and implications for conservation." Belgian Journal of Botany **136**(1): 5-22.

Jacquemyn, H., J. Butaye, et al. (2001). "Effects of age and distance on the composition of mixed deciduous forest fragments in an agricultural landscape." Journal of Vegetation Science **12**(5): 635-642.

Jarvis, P. J. (1969). Geographical Journal **135**(4): 591.

- Jarvis, P. J. and M. P. Holder (1996). "Habitat selection and territory size of blue tit *Parus caeruleus* and great tit *Parus major* in suburban Redditch." Proceedings - Birmingham Natural History Society **27**(2): 104-113.
- Jeanneret, P., B. Schüpbach, et al. (2003). "Quantifying the impact of landscape and habitat features on biodiversity in cultivated landscapes." Agriculture, Ecosystems and Environment **98**(1-3): 311-320.
- Jeanneret, P., B. Schüpbach, et al. (2003). "Arthropod reaction to landscape and habitat features in agricultural landscapes." Landscape Ecology **18**(3): 253-263.
- Jehle, R. and J. W. Arntzen (2000). "Post-breeding migrations of newts (*Triturus cristatus* and *T. marmoratus*) with contrasting ecological requirements." Journal of Zoology **251**(3): 297-306.
- Jenkins, D. (1961). "Population Control in Protected Partridges (*Perdix perdix*)." The Journal of Animal Ecology **30**(2): 235-258.
- Jennings, T. J. (1978). The world of a hedge. London ; Boston, Faber.
- Jobin, B., C. Boutin, et al. (2001). Hedgerows as refuges for pest birds and plants: could Quebec's farmers be wrong? Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 207-212.
- Jobin, B., C. Boutin, et al. (1997). "Effects of agricultural practices on the flora of hedgerows and woodland edges in southern Quebec." Canadian journal of plant science **77**(2): 293-299.
- Jobin, B., L. Choiniere, et al. (2001). "Bird use of three types of field margins in relation to intensive agriculture in Quebec, Canada." Agriculture, Ecosystems & Environment **84**(2): 131-143.
- John, E. (1982). A study of the role of hedgerows as habitats for woodland plants in the Winkfield area of Berkshire.
- John, J. and S. S. Narwal (2003). "Allelopathic Plants. 9. *Leucaena leucocephala* (Lam.) de Wit." Allelopathy Journal **12**(1): 13-36.
- Joly, P., C. Miaud, et al. (2001). "Habitat matrix effects on pond occupancy in newts." Conservation Biology **15**(1): 239-248.
- Jones, E. W. (1959). "*Quercus* L." The Journal of Ecology **47**(1): 169-222.
- Jones, R. (1975). Birds of the hedgerows and commons. Norwich, Jarrold and Sons.
- Jones, R. M. and G. A. Bunch (2000). "A further note on the survival of plants of *Leucaena leucocephala* in grazed stands." Tropical Agriculture **77**(2): 109-110.
- Jopp, F. and H. Reuter "Dispersal of carabid beetles--emergence of distribution patterns." Ecological Modelling In Press, Corrected Proof.
- Joyce, K. A. (1998). "The role of hedgerows in the ecology of invertebrates in arable landscapes."
- Joyce, K. A., J. M. Holland, et al. (1999). "Influences of hedgerow intersections and gaps on the movement of carabid beetles." Bulletin of Entomological Research **89**(6): 523-531.
- Juen, A. and M. Traugott (2004). "Spatial distribution of epigeaic predators in a small field in relation to season and surrounding crops." Agriculture, Ecosystems and Environment **103**(3): 613-620.
- Karban, R. and R. Karban (1997). "Neighbourhood affects a plant's risk of herbivory and subsequent success." Ecological Entomology **22**(4): 433-439.

- Kearns, C. A., D. W. Inouye, et al. (1998). "Endangered Mutualisms: The Conservation of Plant-Pollinator Interactions." Annual Review of Ecology and Systematics **29**: 83-112.
- Kearns, K. C. (1979). Geographical Review **69**(4): 479-480.
- Keller, B. L. and C. J. Krebs (1970). "Microtus Population Biology; III. Reproductive Changes in Fluctuating Populations of *M. ochrogaster* and *M. pennsylvanicus* in Southern Indiana, 1965-67." Ecological Monographs **40**(3): 263-294.
- Keller, I., C. R. Largiadèr, et al. (2004). "Recent habitat fragmentation due to roads can lead to significant genetic differentiation in an abundant flightless ground beetle." Molecular Ecology **13**(10): 2983-2994.
- Kells, A. R. and D. Goulson (2003). "Preferred nesting sites of bumblebee queens (Hymenoptera: Apidae) in agroecosystems in the UK." Biological Conservation **109**(2): 165-174.
- Kelly, M. T. and J. P. Curry (1991). "The Biology and Population-Density of the Willow Beetle (*Phratora-Vulgatissima*(L)) on *Salix-Viminalis* in Reclaimed Cutaway Peat." Journal of Applied Entomology-Zeitschrift Fur Angewandte Entomologie **111**(1): 44-56.
- Kemp, J. C. and G. W. Barrett (1989). "Spatial Patterning: Impact of Uncultivated Corridors on Arthropod Populations within Soybean Agroecosystems." Ecology **70**(1): 114-128.
- Kendall, D. A. and C. W. Wiltshire (1998). "Life-cycles and ecology of willow beetles on *Salix viminalis* in England." European Journal of Forest Pathology **28**(4): 281-288.
- Kent, M. (1991). Geographical Journal **157**(1): 91.
- Kessler, B. and A. Reif (2002). "Change of hedgerows and their species combination in Brionnais - Effects of mechanical maintenance measures on hedgerows in Southern Burgundy [Wandel der Heckenlandschaft, Heckenstrukturen und Heckengehölzvegetation im Brionnais: Auswirkungen mechanischer Heckenpfllegemaßnahmen im Süden Burgunds]." Naturschutz und Landschaftsplanung **34**(10): 309-316.
- King, A. W. and K. A. With (2002). "Dispersal success on spatially structured landscapes: When do spatial pattern and dispersal behavior really matter?" Ecological Modelling **147**(1): 23-39.
- Kinnunen, H., J. Tiainen, et al. (2001). "Farmland carabid beetle communities at multiple levels of spatial scale." Ecography **24**(2): 189-197.
- Kinross, C. (2004). "Avian use of farm habitats, including windbreaks, on the New South Wales Tablelands." Pacific Conservation Biology **10**(2-3): 180-192.
- Kinzie, M. (1987). "'Irreference": The Poetic Diction of John Ashbery, Part I: Styles of Avoidance." Modern Philology **84**(3): 267-281.
- Klaa, K., P. J. Mill, et al. (2005). "Distribution of small mammals in a silvoarable agroforestry system in Northern England." Agroforestry Systems **63**(2): 101-110.
- Kleijn, D., W. Joenje, et al. (1997). "Patterns in species composition of arable field boundary vegetation." Acta Botanica Neerlandica **46**(2): 175-192.
- Kleijn, D., M. Verbeek, et al. (2000). "Factors affecting the species composition of arable field boundary vegetation." Journal of Applied Ecology **37**(2): 256-266.

- Klenner, W. (1991). "Red Squirrel Population Dynamics. II. Settlement Patterns and the Response to Removals." The Journal of Animal Ecology **60**(3): 979-993.
- Kollmann, J. and J. Kollmann (2000). "Dispersal of fleshy-fruited species: A matter of spatial scale?" Perspectives in Plant Ecology, Evolution and Systematics **3**(1): 29-51.
- Kollmann, J. and K. Pflugshaupt (2001). "Flower and fruit characteristics in small and isolated populations of a fleshy-fruited shrub." Plant Biology **3**(1): 62-71.
- Kotzageorgis, G. C. (1995). "Small mammals and hedgerows."
- Kotzageorgis, G. C. and C. F. Mason (1996). "Range use, determined by telemetry, of yellow-necked mice (*Apodemus flavicollis*) in hedgerows." Journal of Zoology **240**(4): 773-777.
- Kotzageorgis, G. C. and C. F. Mason (1997). "Small mammal populations in relation to hedgerow structure in an arable landscape." Journal of Zoology **242**(3): 425-434.
- Krebs, J. R. (1971). "Territory and Breeding Density in the Great Tit, *Parus Major L.*" Ecology **52**(1): 2-22.
- Kromp, B. (1999). "Carabid beetles in sustainable agriculture: A review on pest control efficacy, cultivation impacts and enhancement." Agriculture, Ecosystems and Environment **74**(1-3): 187-228.
- Kubes?, J. (1996). "Biocentres and corridors in a cultural landscape. A critical assessment of the 'territorial system of ecological stability'." Landscape and Urban Planning **35**(4): 231-240.
- Kuppers, M. (1988). "Hedges and field woody species for production- and population-biological studies of woody plant growth [Hecken und Flurgeholze - Paradeobjekte für produktions- und populationsbiologische Untersuchungen an Holzgewachsen]." Verhandlungen - Gesellschaft für Ökologie **18**: 689-700.
- Kyrkos, A., J. D. Wilson, et al. (1998). "Farmland habitat change and abundance of yellowhammers *Emberiza citrinella*: An analysis of Common Birds Census data." Bird Study **45**(2): 232-246.
- Lack, D. and L. S. V. Venables (1939). "The Habitat Distribution of British Woodland Birds." The Journal of Animal Ecology **8**(1): 39-71.
- Lack, P. C. (1988). "Nesting success of birds in trees and shrubs in farmland hedges." Ecological Bulletins - Swedish Natural Science Research Council **39**: 191-193.
- Lagerlöf, J., B. Goffre, et al. (2002). "The importance of field boundaries for earthworms (*Lumbricidae*) in the Swedish agricultural landscape." Agriculture, Ecosystems and Environment **89**(1-2): 91-103.
- Lancaster, J., B. J. Downes, et al. (2003). "Linking landscape patterns of resource distribution with models of aggregation in ovipositing stream insects." Journal of Animal Ecology **72**(6): 969-978.
- Landau, M. (1995). American Anthropologist **97**(1): 161-163.
- Langlois, J. P., L. Fahrig, et al. (2001). "Landscape structure influences continental distribution of hantavirus in deer mice." Landscape Ecology **16**(3): 255-266.
- Laundon, J. R. (1978). The Journal of Ecology **66**(1): 330-331.

- Lauriks, R., R. De Wulf, et al. (1998). "A methodology for the description of border hedges and the analysis of variables influencing their distribution: A case study in western Kenya." Agroforestry Systems **44**(1): 69-86.
- Lauver, C. L. and W. H. Busby (2002). "Testing a GIS model of habitat suitability for a declining grassland bird." Environmental Management **30**(1): 88-97.
- Layne, J. N. (1954). "The Biology of the Red Squirrel, *Tamiasciurus hudsonicus loquax* (Bangs), in Central New York." Ecological Monographs **24**(3): 227-268.
- Le Cœur, D., J. Baudry, et al. (2002). "Why and how we should study field boundary biodiversity in an agrarian landscape context." Agriculture, Ecosystems and Environment **89**(1-2): 23-40.
- Le Coeur, D., J. Baudry, et al. (1997). "Field margins plant assemblages: variation partitioning between local and landscape factors." Landscape and Urban Planning **37**(1-2): 57-71.
- Le Coeur, D., J. Baudry, et al. (2002). "Why and how we should study field boundary biodiversity in an agrarian landscape context." Agriculture, ecosystems & environment **89**(1/2): 23-40.
- Leatherbarrow, D. (1985). "Architecture and Situation: A Study of the Architectural Writings of Robert Morris." The Journal of the Society of Architectural Historians **44**(1): 48-59.
- Lee, J. A. (1983). The Journal of Ecology **71**(1): 345-346.
- Lilly, K. (1980). Some birds and mammals of the field and hedgerow. London, Medici Society.
- Lindenmayer, D. B., R. B. Cunningham, et al. (1993). "The Conservation of Arboreal Marsupials in the Montane Ash Forests of the Central Highlands of Victoria, South-East Australia .4. The Presence and Abundance of Arboreal Marsupials in Retained Linear Habitats (Wildlife Corridors) within Logged Forest." Biological Conservation **66**(3): 207-221.
- Long, A. J. and P. K. R. Nair (1999). "Trees outside forests: agro-, community, and urban forestry." New Forests **17**(1-3): 145-174.
- Lövei, G. L., A. Macleod, et al. (1998). "Dispersal and effects of barriers on the movement of the New Zealand hover fly *Melanostoma fasciatum* (Dipt., Syrphidae) on cultivated land." Journal of Applied Entomology **122**(2-3): 115-120.
- Luoto, M. (2000). "Spatial analysis of landscape ecological characteristics of five agricultural areas in Finland by GIS." Fennia **178**(1): 15-54.
- Lutz, M. and O. Bastian (2002). "Implementation of landscape planning and nature conservation in the agricultural landscape - a case study from Saxony." Agriculture Ecosystems & Environment **92**(2-3): 159-170.
- Ma, M., S. Tarmi, et al. (2002). "Revisiting the species - Area relationship in a semi-natural habitat: Floral richness in agricultural buffer zones in Finland." Agriculture, Ecosystems and Environment **89**(1-2): 137-148.
- Macdonald, D. (1996). "Ratty on a tightrope." BBC Wildlife **14**(2): 14-16.
- MacDonald, D. W. and P. J. Johnson (1995). "The relationship between bird distribution and the botanical and structural characteristics of hedges." Journal of Applied Ecology **32**(3): 492-505.
- Macdonald, D. W., T. E. Tew, et al. (2004). "The ecology of weasels (*Mustela nivalis*) on mixed farmland in southern England." Biologia - Section Zoology **59**(2): 235-241.

- Macdonald, D. W., T. E. Tew, et al. (2000). "Arable habitat use by wood mice (*Apodemus sylvaticus*). 3. A farm-scale experiment on the effects of crop rotation." Journal of Zoology **250**: 313-320.
- MacDonald, M. A., R. J. Taylor, et al. (2002). "Bird assemblages in wildlife habitat strips in a Tasmanian plantation matrix." Pacific Conservation Biology **8**(2): 82-98.
- MacLean, R. H., J. A. Litsinger, et al. (2003). "Impact of *Gliricidia sepium* and *Cassia spectabilis* hedgerows on weeds and insect pests of upland rice." Agriculture, Ecosystems and Environment **94**(3): 275-288.
- MacLeod, A. (1999). "Attraction and retention of *Episyrphus balteatus* DeGeer (Diptera: Syrphidae) at an arable field margin with rich and poor floral resources." Agriculture, Ecosystems & Environment **73**(3): 237-244.
- Macleod, C. J., D. M. B. Parish, et al. (2004). "Habitat associations and breeding success of the Chaffinch *Fringilla coelebs*." Bird Study **51**: 239-247.
- Magura, T., G. Péter, et al. (2000). "Edge effect on weevil and spider communities at the Bükk National Park in Hungary." Acta Zoologica Academiae Scientiarum Hungaricae **46**(4): 275-290.
- Magura, T. and B. Tóthmérész (1997). "Testing edge effect on carabid assemblages in an oak-hornbeam forest." Acta Zoologica Academiae Scientiarum Hungaricae **43**(4): 303-312.
- Magura, T. and B. Tóthmérész (1998). "Edge effect on carabids in an Oak-Hornbeam Forest at the Aggtelek National Park (Hungary)." Acta Phytopathologica et Entomologica Hungarica **33**(3-4): 379-387.
- Major, R. E., D. Smith, et al. (1999). "Are roadside strips important reservoirs of invertebrate diversity? A comparison of the ant and beetle faunas of roadside strips and large remnant woodlands." Australian Journal of Zoology **47**(6): 611-624.
- Maltz, D. (2000). Nineteenth-Century Literature **55**(1): 137-142.
- Mander, U., M. Mikk, et al. (1999). "Ecological and low intensity agriculture as contributors to landscape and biological diversity." Landscape and Urban Planning **46**(1-3): 169-177.
- Manning, R. B. (1984). The Sixteenth Century Journal **15**(1): 111.
- Marchand, H. L., G. Paillat, et al. (2003). "Fluctuating asymmetry in bank vole populations (Rodentia, Arvicolinae) reflects stress caused by landscape fragmentation in the Mont-Saint-Michel Bay." Biological Journal of the Linnean Society **80**(1): 37-44.
- Marino, P. C. and D. A. Landis (1996). "Effect of Landscape Structure on Parasitoid Diversity and Parasitism in Agroecosystems." Ecological Applications **6**(1): 276-284.
- Marion, P. (2004). "Breeding birds of the "bocage" in the Morvan (Burgundy region, France) [L'avifaune nicheuse du bocage en Morvan (Bourgogne, France)]." Alauda **72**(1): 33-45.
- Marsh, A. C. W. and S. Harris (2000). "Partitioning of woodland habitat resources by two sympatric species of *Apodemus*: Lessons for the conservation of the yellow-necked mouse (*A. flavicollis*) in Britain." Biological Conservation **92**(3): 275-283.
- Marshall, E. J. P., A. J. Grant, et al. (1999). Spatial patterns of gastropod occurrence and herbivory in a field-scale habitat mosaic in winter.

- Heterogeneity in Landscape Ecology: Pattern and Scale. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 239-244.
- Marshall, E. J. P., M. J. Maudsley, et al. (2001). Effects of management on the biodiversity of English hedgerows. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 361-365.
- Marshall, E. J. P. and A. C. Moonen (2002). "Field margins in northern Europe: Their functions and interactions with agriculture." Agriculture, Ecosystems and Environment **89**(1-2): 5-21.
- Marshall, E. J. P. and B. D. Smith (1987). "Field margin flora and fauna: interaction with agriculture." Field margins. Proc. workshop, London, 1986: 23-33.
- Martin, M., F. Bastardie, et al. (2001). "Studying boundary effects on animal movement in heterogeneous landscapes: The case of *Abax ater* (Coleoptera: Carabidae) in hedgerow network landscapes." Comptes Rendus de l'Academie des Sciences - Serie III **324**(11): 1029-1035.
- Mason, C. F. and S. M. Macdonald (2000). "Influence of landscape and land-use on the distribution of breeding birds in farmland in eastern England." Journal of Zoology **251**(3): 339-348.
- Matlack, G. R. (1994). "Plant Species Migration in a Mixed-History Forest Landscape in Eastern North America." Ecology **75**(5): 1491-1502.
- Maudsley, M., B. Seeley, et al. (2002). "Spatial distribution patterns of predatory arthropods within an English hedgerow in early winter in relation to habitat variables." Agriculture Ecosystems & Environment **89**(1-2): 77-89.
- Maudsley, M. J. (2000). "A review of the ecology and conservation of hedgerow invertebrates in Britain." Journal of Environmental Management **60**(1): 65-76.
- Maudsley, M. J., T. M. West, et al. (1999). Heterogeneity in berry abundance along a species-rich hedgerow: sampling methods and spatial patterns. Heterogeneity in Landscape Ecology: Pattern and Scale. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 245-250.
- Mauremooto, J. R., S. D. Wratten, et al. (1995). "Permeability of hedgerows to predatory carabid beetles." Agriculture, ecosystems & environment **52**(2/3): 141-148.
- McCarthy, B. C. (1994). "Experimental Studies of Hickory Recruitment in a Wooded Hedgerow and Forest." Bulletin of the Torrey Botanical Club **121**(3): 240-250.
- McCollin, D. (2000). "Editorial: Hedgerow policy and protection - changing paradigms and the conservation ethic." Journal of Environmental Management **60**(1): 3-6.
- McCollin, D. (2001). Contemporary themes in hedgerow research in the UK. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 17-29.
- McCollin, D., J. I. Jackson, et al. (2000). "Hedgerows as habitat for woodland plants." Journal of Environmental Management **60**(1): 77-90.
- Menalled, F. D., J. C. Lee, et al. (1999). "Manipulating carabid beetle abundance alters prey removal rates in corn fields." BioControl **43**(4): 441-456.

Menendez, R. and C. D. Thomas (2000). "Metapopulation Structure Depends on Spatial Scale in the Host-Specific Moth *Wheeleria spilodactylus* (Lepidoptera: Pterophoridae)." Journal of Animal Ecology **69**(6): 935-951.

Merckx, T., H. Van Dyck, et al. (2003). "The evolution of movements and behaviour at boundaries in different landscapes: A common arena experiment with butterflies." Proceedings of the Royal Society of London - Biological Sciences **270**(1526): 1815-1821.

Meriggi, A., D. Montagna, et al. (1991). "Habitat Use by Partridges (*Perdix Perdix* and *Alectoris-Rufa*) in an Area of Northern Apennines, Italy." Bollettino Di Zoologia **58**(1): 85-89.

Merriam, G. and A. Lanoue (1990). "Corridor use by small mammals: field measurement for three experimental types of *Peromyscus leucopus*." Landscape Ecology **4**(2-3): 123-131.

Metzger, J. P. (1999). "Estrutura da Paisagem e Fragmentação: Análise Bibliográfica." Anais da Academia Brasileira de Ciências **71**(3): 444-463.

Metzger, J. P. and H. Decamps (1997). "The structural connectivity threshold: An hypothesis in conservation biology at the landscape scale." Acta Oecologica-International Journal of Ecology **18**(1): 1-12.

Meunier, F. D., C. Verheyden, et al. (1999). "Bird communities of highway verges: Influence of adjacent habitat and roadside management." Acta Oecologica **20**(1): 1-13.

Meurk, C. D. and S. R. Swaffield (2000). "A landscape ecological framework for indigenous regeneration in rural New Zealand-Aotearoa." Landscape and Urban Planning **50**(1-3): 129-144.

Michalek, K. G. and J. Miettinen (2003). "Dendrocopos major Great Spotted Woodpecker." BWP Update **5**(2): 101-184.

Micol, T., C. P. Doncaster, et al. (1994). "Correlates of Local Variation in the Abundance of Hedgehogs *Erinaceus europaeus*." The Journal of Animal Ecology **63**(4): 851-860.

Millán de la Peña, N., A. Butet, et al. (2003). "Landscape context and carabid beetles (Coleoptera: Carabidae) communities of hedgerows in western France." Agriculture, Ecosystems and Environment **94**(1): 59-72.

Milsom, T. P., D. C. Ennis, et al. (1998). "Design of grassland feeding areas for waders during winter: The relative importance of sward, landscape factors and human disturbance." Biological Conservation **84**(2): 119-129.

Milsom, T. P., S. D. Langton, et al. (2000). "Habitat models of bird species' distribution: An aid to the management of coastal grazing marshes." Journal of Applied Ecology **37**(5): 706-727.

Mineau, P. and A. McLaughlin (1996). "Conservation of biodiversity within Canadian agricultural landscapes: Integrating habitat for wildlife." Journal of Agricultural & Environmental Ethics **9**(2): 93-113.

Moilanen, A. and M. Nieminen (2002). "Simple connectivity measures in spatial ecology." Ecology **83**(4): 1131-1145.

Moles, R. T. and J. Breen (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.

Mönkkönen, M. and M. Mutanen (2003). "Occurrence of moths in boreal forest corridors." Conservation Biology **17**(2): 468-475.

Moonen, A. C. and E. J. P. Marshall (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.
- Moore, N. P., N. Askew, et al. (2003). "Small mammals in new farm woodlands." *Mammal Review* **33**(1): 101-104.
- Moore, P. D. (2003). "Back to the future: Biogeographical responses to climate change." *Progress in Physical Geography* **27**(1): 122-129.
- Morales, J. M. (2002). "Behavior at habitat boundaries can produce leptokurtic movement distributions." *American Naturalist* **160**(4): 531-538.
- Moreby, S. J. and S. Southway (2001). The importance of hedgerow field boundaries to densities of beneficial invertebrates in cereals. *Hedgerows of the World: Their Ecological Functions in Different Landscapes*. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 213-218.
- Morris, M. G. (1971). *The Journal of Animal Ecology* **40**(2): 535-536.
- Morris, M. G. and N. R. Webb (1987). "The importance of field margins for the conservation of insects." *Field margins. Proc. workshop, London, 1986*: 53-65.
- Morse, D. H. (1973). "The Foraging of Small Populations of Yellow Warblers and American Redstarts." *Ecology* **54**(2): 346-355.
- Morss, W. L. (1927). "The Plant Colonisation of Merse Lands in the Estuary of the River Nith." *The Journal of Ecology* **15**(2): 310-343.
- Motte, G. and R. Libois (2002). "Conservation of the lesser horseshoe bat (*Rhinolophus hipposideros* Bechstein, 1800) (Mammalia: Chiroptera) in Belgium. A case study of feeding habitat requirements." *Belgian Journal of Zoology* **132**(1): 49-54.
- Müller, F. (1998). *Struktur und Dynamik von Flora und Vegetation (Gehölz-, Saum-, Moos-, Flechtengesellschaften) auf Lesesteinwällen (Steinrücken) im Erzgebirge : ein Beitrag zur Vegetationsökologie linearer Strukturen in der Agrarlandschaft*. Berlin, J. Cramer.
- Mundill, R. R. (1999). *American Historical Review* **104**(5): 1731-1732.
- Murphy, M. T. (1986). "Temporal Components of Reproductive Variability in Eastern Kingbirds (*Tyrannus Tyrannus*)." *Ecology* **67**(6): 1483-1492.
- Murray, G. F. and M. E. Bannister (2004). "Peasants, agroforesters, and anthropologists: A 20-year venture in income-generating trees and hedgerows in Haiti." *Agroforestry Systems* **61**(1): 383-397.
- Murrell, D. J. and R. Law (2000). "Beetles in Fragmented Woodlands: A Formal Framework for Dynamics of Movement in Ecological Landscapes." *Journal of Animal Ecology* **69**(3): 471-483.
- Myres, J. N. L. (1936). *Journal of Roman Studies* **26**(Part 1): 87-92.
- Nazzi, F., M. G. Paoletti, et al. (1989). "Soil Invertebrate Dynamics of Soybean Agroecosystems Encircled by Hedgerows or Not in Friuli, Italy - 1st Data." *Agriculture Ecosystems & Environment* **27**(1-4): 163-176.
- Nelmes, E. (1938). "A Survey of the Distribution of the Wood Ant (*Formica rufa*) in England, Wales and Scotland." *The Journal of Animal Ecology* **7**(1): 74-104.
- Nelson, R. (1948). *Birds of the hedgerow, field and woodland*. London, H. Jenkins.
- Newton, I. (1967). "The Feeding Ecology of the Bullfinch (*Pyrrhula pyrrhula* L.) in Southern England." *The Journal of Animal Ecology* **36**(3): 721-744.
- Newton, I. (1976). "Breeding of Sparrowhawks (*Accipiter nisus*) in Different Environments." *The Journal of Animal Ecology* **45**(3): 831-849.

- Newton, I. (2004). "The recent declines of farmland bird populations in Britain: An appraisal of causal factors and conservation actions." Ibis **146**(4): 579-600.
- Newton, I. and M. Marquiss (1986). "Population Regulation in Sparrowhawks." The Journal of Animal Ecology **55**(2): 463-480.
- Nicholls, C. I., M. Parrella, et al. (2001). "The effects of a vegetational corridor on the abundance and dispersal of insect biodiversity within a northern California organic vineyard." Landscape Ecology **16**(2): 133-146.
- Niemelä, J. (2001). "Carabid beetles (Coleoptera: Carabidae) and habitat fragmentation: A review." European Journal of Entomology **98**(2): 127-132.
- Nogués Bravo, D. and J. P. Martínez Rica (2004). "Patterns of spatial distribution of the richness of species of vertebrates in a biogeographical transition of the Navarra of the Mediterranean [Patrones de distribución espacial de la riqueza de especies de vertebrados en un área de transición biogeográfica: De la Navarra pirenaica a la Mediterránea]." Pirineos(158-159): 87-106.
- Nogués-Bravo, D., J. P. Martínez-Rica, et al. (2004). "Factors controlling the spatial species richness pattern of four groups of terrestrial vertebrates in an area between two different biogeographic regions in northern Spain." Journal of Biogeography **31**(4): 629-640.
- Nováková, J. (1997). "Agricultural impact on linear vegetation formations: Species richness, stand trophy, and plant strategies." Ekologia Bratislava **16**(4): 395-402.
- Odum, E. P., C. E. Connell, et al. (1962). "Population Energy Flow of Three Primary Consumer Components of Old-Field Ecosystems." Ecology **43**(1): 88-96.
- O'Leary, C. H. and D. W. Nyberg (2000). "Treelines between fields reduce the density of grassland birds." Natural Areas Journal **20**(3): 243-249.
- O'Neill, K. P. (2001). "Dispersal and spatial ecology in woodmice living in pastoral farmland."
- Orlowski, G. and L. Nowak (2005). "Species composition of woody vegetation of three types of mid-field woodlots in intensively managed farmland (Wroclaw Plain, south-western Poland)." Polish Journal of Ecology **53**(1): 25-36.
- Osborne, P. (1984). "Bird numbers and habitat characteristics in farmland hedgerows." Journal of Applied Ecology **21**(1): 63-82.
- Ostfeld, R. S. and C. D. Canham (1993). "Effects of Meadow Vole Population Density on Tree Seedling Survival in Old Fields." Ecology **74**(6): 1792-1801.
- Ostfeld, R. S. and C. D. Canham (1995). "Density-Dependent Processes in Meadow Voles: An Experimental Approach." Ecology **76**(2): 521-532.
- Ouin, A., S. Aviron, et al. (2004). "Complementation/supplementation of resources for butterflies in agricultural landscapes." Agriculture, Ecosystems and Environment **103**(3): 473-479.
- Ouin, A. and F. Burel (2002). "Influence of herbaceous elements on butterfly diversity in hedgerow agricultural landscapes." Agriculture, ecosystems & environment **93**(1/3): 45-53.
- Ouin, A., G. Paillat, et al. (2000). "Spatial dynamics of wood mouse (*Apodemus sylvaticus*) in an agricultural landscape under intensive use in the Mont Saint Michel Bay (France)." Agriculture, Ecosystems and Environment **78**(2): 159-165.

- Ovington, J. D. and G. Scurfield (1956). "Holcus Mollis L." The Journal of Ecology **44**(1): 272-280.
- Oxley, E. R. B. (1974). The Journal of Ecology **62**(3): 960-961.
- Padoa-Schioppa, E., M. Baietto, et al. (2001). Analysis of hedgerow networks in a regional park of Lombardy: preliminary results. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 219-224.
- Palmer, J. H. and G. R. Sagar (1963). "Agropyron Repens (L.) Beauv. (Triticum repens L.; Elytrigia repens (L.) Nevski)." The Journal of Ecology **51**(3): 783-794.
- Paoletti, M. G. (1999). "Using bioindicators based on biodiversity to assess landscape sustainability." Agriculture, Ecosystems and Environment **74**(1-3): 1-18.
- Paoletti, M. G., P. Boscolo, et al. (1997). "Beneficial insects in fields surrounded by hedgerows in north eastern Italy." Biological Agriculture & Horticulture **15**(1-4): 311-323.
- pape Mller, A. (1995). "Leaf-Mining Insects and Fluctuating Asymmetry in Elm Ulmus glabra Leaves." Journal of Animal Ecology **64**(6): 697-707.
- Parish, T., K. H. Lakhani, et al. (1994). "Modeling the Relationship between Bird Population Variables and Hedgerow and Other Field Margin Attributes .1. Species Richness of Winter, Summer and Breeding Birds." Journal of Applied Ecology **31**(4): 764-775.
- Parker, G. A. (1970). "The Reproductive Behaviour and the Nature of Sexual Selection in Scatophaga stercoraria L. (Diptera: Scatophagidae): I. Diurnal and Seasonal Changes in Population Density Around the Site of Mating and Oviposition." The Journal of Animal Ecology **39**(1): 185-204.
- Parnell, J. A. N. (1985). "Jasione Montana L." The Journal of Ecology **73**(1): 341-358.
- Partridge, J. W. (2001). "Persicaria amphibia (L.) Gray (Polygonum amphibium L.)." Journal of Ecology **89**(3): 487-501.
- Patriquin, K. J. and R. M. R. Barclay (2003). "Foraging by bats in cleared, thinned and unharvested boreal forest." Journal of Applied Ecology **40**(4): 646-657.
- Payne, A. (1991). Tempo(177): 58-60.
- Peach, W. J., M. Denny, et al. (2004). "Habitat selection by song thrushes in stable and declining farmland populations." Journal of Applied Ecology **41**(2): 275-293.
- Peach, W. J., R. A. Robinson, et al. (2004). "Demographic and environmental causes of the decline of rural Song Thrushes Turdus philomelos in lowland Britain." Ibis **146**: 50-59.
- Pearson, P. G. (1959). "Small Mammals and Old Field Succession on the Piedmont of New Jersey." Ecology **40**(2): 249-255.
- Perkins, A. J., M. J. Whittingham, et al. (2002). "Use of field margins by foraging yellowhammers Emberiza citrinella." Agriculture, ecosystems & environment **93**(1/3): 413-420.
- Perner, J. and S. Schueler (2004). "Estimating the density of ground-dwelling arthropods with pitfall traps using a nested-cross array." Journal of Animal Ecology **73**(3): 469-477.
- Peterken, G. F. (1976). "Long-Term Changes in the Woodlands of Rockingham Forest and Other Areas." The Journal of Ecology **64**(1): 123-146.

- Peterken, G. F. (2000). "Rebuilding networks of forest habitats in lowland England." Landscape Research **25**(3): 291-303.
- Peterken, G. F. and M. Game (1981). "Historical Factors Affecting the Distribution of *Mercurialis Perennis* in Central Lincolnshire." The Journal of Ecology **69**(3): 781-796.
- Peterken, G. F. and M. Game (1984). "Historical Factors Affecting the Number and Distribution of Vascular Plant Species in the Woodlands of Central Lincolnshire." The Journal of Ecology **72**(1): 155-182.
- Petersen, B. S. (1998). "The distribution of Danish farmland birds in relation to habitat characteristics." Ornis Fennica **75**(3): 105-118.
- Petit, S. and F. Burel (1993). "Movement of *Abax ater* (Col. Carabidae): do forest species survive in hedgerow networks?" Vie et Milieu **43**(2-3): 119-124.
- Petit, S. and F. Burel (1998). "Connectivity in fragmented populations: *Abax parallelepipedus* in a hedgerow network landscape." Comptes Rendus de l'Academie des Sciences - Series III - Sciences de la Vie **321**(1): 55-61.
- Petit, S. and F. Burel (1998). "Effects of landscape dynamics on the metapopulation of a ground beetle (Coleoptera, Carabidae) in a hedgerow network." Agriculture, ecosystems & environment **69**(3): 243-252.
- Petit, S., L. Griffiths, et al. (2004). "Effects of area and isolation of woodland patches on herbaceous plant species richness across Great Britain." Landscape Ecology **19**(5): 463-471.
- Petit, S., R. C. Stuart, et al. (2001). Woody field boundaries in Great Britain: stock and change between 1990 and 1998. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 111-116.
- Petit, S., R. C. Stuart, et al. (2003). "Field boundaries in Great Britain: Stock and change between 1984, 1990 and 1998." Journal of Environmental Management **67**(3): 229-238.
- Petit, S. and M. B. Usher (1998). "Biodiversity in agricultural landscapes: The ground beetle communities of woody uncultivated habitats." Biodiversity and Conservation **7**(12): 1549-1561.
- Pfenning, B., T. Hovestadt, et al. (2004). "The effect of patch constellation on the exchange of individuals between habitat-islands." Ecological Modelling **180**(4): 515-522.
- Pickett, S. T. A. and M. L. Cadenasso (1995). "Landscape Ecology: Spatial Heterogeneity in Ecological Systems." Science **269**(5222): 331-334.
- Piper, W. H. and R. Haven Wiley (1989). "Correlates of dominance in wintering white-throated sparrows: age, sex and location." Animal Behaviour **37**(Part 2): 298-310.
- Piper, W. H. and R. H. Wiley (1990). "Correlates of range size in wintering white-throated sparrows *Zonotrichia albicollis*." Animal Behaviour **40**(3): 545-552.
- Pirie, P. J. (1963). The Musical Times **104**(1440): 125.
- Pithon, J. A., R. Moles, et al. (2005). "The influence of coniferous afforestation on lowland farmland bird communities in Ireland: different seasons and landscape contexts." Landscape and Urban Planning **71**(2-4): 91-103.
- Plat, S., P. Kuivenhoven, et al. (1995). Hedgerows: Suitable corridors for ground dwelling forest carabid beetles? Proceedings of the Section Experimental and Applied Entomology of the Netherlands Entomological

- Society (N.E.V.), Vol 6, 1995. 1018 Dh Amsterdam, NEDERLANDSE ENTOMOLOGISCHE VERNIGING (N E V): 73-75.
- Plenel, A. (1948). Geographical Review **38**(4): 681-682.
- Pollard, E. (1975). "Aspects of the Ecology of *Helix pomatia* L." The Journal of Animal Ecology **44**(1): 305-329.
- Ponder, B. M. and W. D. Seabrook (1994). "The effect of pruning of *Vaccinium angustifolium* on the *Croesia curvalana* larval population." Journal of Small Fruit & Viticulture **2**(2): 57-64.
- Poulton, S. M. C. (1994). Small Mammal Populations in Hedgerows - the Relationship with Seed and Berry Production. Field Margins: Integrating Agriculture and Conservation. Farnham, BRITISH CROP PROTECTION COUNCIL: 133-138.
- Proctor, M. C. F. (1984). The Journal of Ecology **72**(2): 715-716.
- Prytherch, L. and T. Elias (1985). Blodau'r gwrych. [Caernarfon] ([Penygroes Industrial Estate, Caernarfon, Gwynedd LL54 7TW]), Gwasg Dwyfor.
- Pugin, T. (1997). Tempo(202): 42-44+46.
- Pywell, R. F., K. L. James, et al. (2005). "Determinants of overwintering habitat quality for beetles and spiders on arable farmland." Biological Conservation **123**(1): 79-90.
- Rands, M. R. W. (1983). "The influence of habitat on the population ecology of partridges."
- Rands, M. R. W. (1986). "Effect of hedgerow characteristics on partridge breeding densities." Journal of Applied Ecology **23**(2): 479-487.
- Rands, M. R. W. (1987). "Hedgerow management for the conservation of partridges *Perdix perdix* and *Alectoris rufa*." Biological Conservation **40**(2): 127-139.
- Raoul, F., R. Defaut, et al. (2001). "Landscape effects on the population dynamics of small mammal communities: A preliminary analysis of prey-resource variations." Revue D Ecologie-La Terre Et La Vie **56**(4): 339-352.
- Raspe, O., C. Findlay, et al. (2000). "*Sorbus aucuparia* L." Journal of Ecology **88**(5): 910-930.
- Rees, R. (1983). Geographical Review **73**(4): 471-473.
- Reif, A. (1987). "Northern Bavarian hedgerows - abiotic site factors and management [Nordbayerische Hecken - abiotische Standortsfaktoren und Bewirtschaftung]." Verhandlungen - Gesellschaft für Ökologie **17**: 657-662.
- Ribbands, C. R. (1951). "The Flight Range of the Honey-Bee." The Journal of Animal Ecology **20**(2): 220-226.
- Ribic, C. A. and D. W. Sample (2001). "Associations of grassland birds with landscape factors in southern Wisconsin." American Midland Naturalist **146**(1): 105-121.
- Richards, A. J. (2001). "Does low biodiversity resulting from modern agricultural practice affect crop pollination and yield?" Annals of Botany **88**(2): 165-172.
- Richards, P. W. (1965). The Journal of Ecology **53**(2): 554.
- Richardson, J. (2002). "High hedges - New laws." Arboricultural Journal **26**(1): 55-64.
- Riddington, R. and A. G. Gosler (1995). "Differences in Reproductive Success and Parental Qualities between Habitats in the Great Tit *Parus-Major*." Ibis **137**(3): 371-378.

- Rieux, R., S. Simon, et al. (1999). "Role of hedgerows and ground cover management on arthropod populations in pear orchards." Agriculture, ecosystems & environment **73**(2): 119-127.
- Robinson, R. A. and W. J. Sutherland (1999). "The winter distribution of seed-eating birds: habitat structure, seed density and seasonal depletion." Ecography **22**(4): 447-454.
- Robinson, R. A. and W. J. Sutherland (2002). "Post-war changes in arable farming and biodiversity in Great Britain." Journal of Applied Ecology **39**(1): 157-176.
- Rondinini, C. and C. P. Doncaster (2002). "Roads as barriers to movement for hedgehogs." Functional Ecology **16**(4): 504-509.
- Root, R. B. (1973). "Organization of a Plant-Arthropod Association in Simple and Diverse Habitats: The Fauna of Collards (Brassica Oleracea)." Ecological Monographs **43**(1): 95-124.
- Roper, S. A. (1988). "Aspects of the ecology of the European badger (Meles meles L.) on farmland."
- Rotenberry, J. T. (1983). "Forest Island Dynamics." Ecology **64**(3): 617.
- Rourke, M. K. and I. P. P. Suardika (1990). "On-farm species trials to investigate several NFT species for use in terraced hedgerows." Nitrogen fixing tree research reports. Aug **8**: 37-39.
- Roy, P. S. and M. D. Behera (2002). "Biodiversity assessment at landscape level." Tropical Ecology **43**(1): 151-171.
- Royal Society for the Protection of, B. (1996). Protection of important hedgerows. [Sandy, Beds., The Society].
- Russ, J. M. and W. I. Montgomery (2002). "Habitat associations of bats in Northern Ireland: Implications for conservation." Biological Conservation **108**(1): 49-58.
- Russo, D., G. Jones, et al. (2002). "Habitat selection by the Mediterranean horseshoe bat, Rhinolophus euryale (Chiroptera: Rhinolophidae) in a rural area of southern Italy and implications for conservation." Biological Conservation **107**(1): 71-81.
- Sackville Hamilton, N. R. (1980). "Variation and adaptation in wild populations of white clover (Trifolium repens L.) in East Anglia."
- Salisbury, E. J. (1916). "The Oak-Hornbeam Woods of Hertfordshire Parts I and II." The Journal of Ecology **4**(2): 83-117.
- Salisbury, E. J. (1932). "Annual Meeting." The Journal of Ecology **20**(1): 229-230+232-233.
- Samways, M. J. (1992). "Some Comparative Insect Conservation Issues of North Temperate, Tropical, and South Temperate Landscapes." Agriculture Ecosystems & Environment **40**(1-4): 137-154.
- Sanchez, P. A., R. J. Buresh, et al. (1997). "Trees, Soils, and Food Security." Philosophical Transactions: Biological Sciences **352**(1356, Land Resources: On the Edge of the Malthusian Precipice?): 949-960.
- Sarlöv Herlin, I. L. and G. L. A. Fry (2000). "Dispersal of woody plants in forest edges and hedgerows in a Southern Swedish agricultural area: The role of site and landscape structure." Landscape Ecology **15**(3): 229-242.
- Schmucki, R., S. De Blois, et al. (2002). "Spatial and temporal dynamics of hedgerows in three agricultural landscapes of southern Quebec, Canada." Environmental Management **30**(5): 651-664.

- Schooley, R. L. and J. A. Wiens (2005). "Movements of cactus bugs: Patch transfers, matrix resistance, and edge permeability." Landscape Ecology **19**(7): 801-810.
- Schooley, R. L., J. A. Wiens, et al. (2003). "Finding habitat patches and directional connectivity." Oikos **102**(3): 559-570.
- Schulze, E. D. and P. Gerstberger (1993). "Functional aspects of landscape diversity: a Bavarian example." Ecological studies : analysis and synthesis **99**: 454-466.
- Scozzafava, S. and A. De Sanctis "Exploring the effects of land abandonment on habitat structures and on habitat suitability for three passerine species in a highland area of Central Italy." Landscape and Urban Planning **In Press**, **Corrected Proof**.
- Scribner, K. T., J. W. Arntzen, et al. (2001). "Environmental correlates of toad abundance and population genetic diversity." Biological Conservation **98**(2): 201-210.
- Scurfield, G. (1962). "Cardaria Draba (L.) Desv." The Journal of Ecology **50**(2): 489-499.
- Seabloom, E. W. and O. J. Reichman (2001). "Simulation models of the interactions between herbivore foraging strategies, social behavior, and plant community dynamics." American Naturalist **157**(1): 76-96.
- Selman, P. H. (1989). Transactions of the Institute of British Geographers **14**(2): 248-251.
- Sheail, J. (1975). "The Concept of National Parks in Great Britain 1900-1950." Transactions of the Institute of British Geographers(66): 41-56.
- Sheperd, B. F. and R. K. Swihart (1995). "Spatial dynamics of fox squirrels (*Sciurus niger*) in fragmented landscapes." Canadian Journal of Zoology-Revue Canadienne De Zoologie **73**(11): 2098-2105.
- Sheppard, A. W. (1991). "Heracleum Sphondylium L." The Journal of Ecology **79**(1): 235-258.
- Shirreffs, D. A. (1985). "Anemone Nemorosa L." The Journal of Ecology **73**(3): 1005-1020.
- Shochat, E., D. H. Wolfe, et al. (2005). "Tallgrass prairie management and bird nest success along roadsides." Biological Conservation **121**(3): 399-407.
- Shutler, D., A. Mullie, et al. (2000). "Bird communities of prairie uplands and wetlands in relation to farming practices in Saskatchewan." Conservation Biology **14**(5): 1441-1451.
- Silva, M. (2001). "Abundance, diversity, and community structure of small mammals in forest fragments in Prince Edward Island National Park, Canada." Canadian Journal of Zoology **79**(11): 2063-2071.
- Sinclair, R. (1984). Economic Geography **60**(4): 346-349.
- Singleton, R., S. Gardescu, et al. (2001). "Forest Herb Colonization of Postagricultural Forests in Central New York State, USA." Journal of Ecology **89**(3): 325-338.
- Siriwardena, G. M., S. N. Freeman, et al. (2001). "The decline of the Bullfinch *Pyrrhula pyrrhula* in Britain: Is the mechanism known?" Acta Ornithologica **36**(2): 143-152.
- Smart, S. M., L. G. Firbank, et al. (2000). "Quantifying changes in abundance of food plants for butterfly larvae and farmland birds." Journal of Applied Ecology **37**(3): 398-414.

- Smart, S. M., L. G. Firbank, et al. (2005). "Large-scale changes in the abundance of common higher plant species across Britain between 1978, 1990 and 1998 as a consequence of human activity: Tests of hypothesised changes in trait representation." Biological Conservation **124**(3): 355-371.
- Smith, A. J. (1975). "Invasion and Ecesis of Bird-Disseminated Woody Plants in a Temperate Forest Sere." Ecology **56**(1): 19-34.
- Smith, E. L. and K. C. Kruse (1999). "Relationship between land-use and the distribution and abundance of loggerhead shrikes in south-central Illinois." NCASI Technical Bulletin **2**(781): 498-499.
- Sobey, D. G. (1981). "Stellaria Media (L.) Vill." The Journal of Ecology **69**(1): 311-335.
- Sorace, A. (2001). "Value to wildlife of urban-agricultural parks: A case study from Rome urban area." Environmental Management **28**(4): 547-560.
- Southern, H. N. (1976). The Journal of Animal Ecology **45**(2): 615.
- Southwood, T. R. E. and D. J. Cross (1969). "The Ecology of the Partridge." The Journal of Animal Ecology **38**(3): 497-509.
- Sowter, F. A. (1949). "Arum Maculatum L." The Journal of Ecology **37**(1): 207-219.
- Sparks, T. H. and T. Parish (1995). "Factors Affecting the Abundance of Butterflies in-Field Boundaries in Swavesey Fens, Cambridgeshire, Uk." Biological Conservation **73**(3): 221-227.
- Sparks, T. H., T. Parish, et al. (1996). "Breeding birds in field boundaries in an agricultural landscape." Agriculture, Ecosystems and Environment **60**(1): 1-8.
- Speight, M. R. (1977). "Studies on the ecology of ground and rove beetles (Coleoptera: Carabidae and Staphylinidae) in winter wheat."
- Stamp, L. D. (1943). "Land Utilization in Britain 1937-1943." Geographical Review **33**(4): 523-544.
- Stebbins, R. E. (1995). "Why should bats be protected? A challenge for conservation." Biological Journal of the Linnean Society **56**: 103-118.
- Stein, R. C. (1963). "Isolating Mechanisms between Populations of Traill's Flycatchers." Proceedings of the American Philosophical Society **107**(1): 21-50.
- Stephani, J. and M. Merrill (1967). A Bird on the Hedgerow did sit ... Madrigal for SSATB unaccompanied ... Edited and translated by Marlin Merrill. Eng. & Ger. New York, Oxford University Press.
- Sternberg, E. (1996). "Recuperating from Market Failure: Planning for Biodiversity and Technological Competitiveness." Public Administration Review **56**(1): 21-29.
- Stevens, V. M., E. Polus, et al. (2005). "Quantifying functional connectivity: Experimental evidence for patch-specific resistance in the Natterjack toad (Bufo calamita)." Landscape Ecology **19**(8): 829-842.
- Stickel, L. F. and O. Warbach (1960). "Small-Mammal Populations of a Maryland Woodlot, 1949-1954." Ecology **41**(2): 269-286.
- Stoate, C., R. M. Morris, et al. (2001). "Cultural ecology of Whitethroat (Sylvia communis) habitat management by farmers: Field-boundary vegetation in lowland England." Journal of Environmental Management **62**(4): 329-341.
- Stoate, C. and J. Szczur (2001). "Could game management have a role in the conservation of farmland passerines? A case study from a Leicestershire farm." Bird Study **48**: 279-292.

- Stone, G. D. (1994). "Agricultural Intensification and Perimeters: Ethnoarchaeological Evidence From Nigeria." Current Anthropology **35**(3): 317-324.
- Sturrock, F. G. and J. Cathie (1980). "Farm modernisation and the countryside: the impact of increasing field size and hedge removal on arable farms (UK)." Occasional Paper, Dept, Land Economy, Cambridge University **11**.
- Suárez-Seoane, S. and J. Baudry (2002). "Scale dependence of spatial patterns and cartography on the detection of landscape change: Relationships with species' perception." Ecography **25**(4): 499-511.
- Summerville, K. S., R. M. Steichen, et al. (2005). "Restoring lepidopteran communities to oak savannas: Contrasting influences of habitat quantity and quality." Restoration Ecology **13**(1): 120-128.
- Sutcliffe, O. L., V. Bakkestuen, et al. (2003). "Modelling the benefits of farmland restoration: Methodology and application to butterfly movement." Landscape and Urban Planning **63**(1): 15-31.
- Sutherland, J. P., M. S. Sullivant, et al. (2001). "Distribution and abundance of aphidophagous hoverflies (Diptera: Syrphidae) in wildflower patches and field margin habitats." Agricultural and Forest Entomology **3**(1): 57-64.
- Sutherland, W. J. (1990). "Iris Pseudacorus L." The Journal of Ecology **78**(3): 833-848.
- Sykes, A. K. and S. J. Hannon (2001). "Fencerows as habitat for birds in an agricultural landscape in Central Alberta, Canada." Ecoscience **8**(4): 441-449.
- T, A. G. (1937). "The August Issue of The Journal of Ecology." The Journal of Animal Ecology **6**(2): 386.
- Tabilio, M. R., A. Chiariotti, et al. (1998). Hedgerows : A barrier against Pseudomonas syringae pv. syringae infections in an organic peach orchard. Fourth International Peach Symposium, Vols 1-2. Louvain, INTERNATIONAL SOCIETY HORTICULTURAL SCIENCE: 703-708.
- Taboada, A., J. M. Salgado, et al. (2004). "Carabid beetle occurrence at the edges of oak and beech forests in NW Spain." European Journal of Entomology **101**(4): 555-563.
- Takahashi, K. and T. Kamitani (2004). "Effect of dispersal capacity on forest plant migration at a landscape scale." Journal of Ecology **92**(5): 778-785.
- Tapper, S. (1979). "The Effect of Fluctuating Vole Numbers (Microtus agrestis) on a Population of Weasels (Mustela nivalis) on Farmland." The Journal of Animal Ecology **48**(2): 603-617.
- Tattersall, F. H., D. W. Macdonald, et al. (2002). "Is habitat linearity important for small mammal communities on farmland?" Journal of Applied Ecology **39**(4): 643-652.
- Tattersall, F. H., D. W. Macdonald, et al. (2001). "Habitat use by wood mice (Apodemus sylvaticus) in a changeable arable landscape." Journal of Zoology **255**: 487-494.
- Tattersall, F. H., D. W. Macdonald, et al. (1997). "Small mammals on one-year set-aside." Acta Theriologica **42**(3): 329-334.
- Tattersall, F. H., D. W. Macdonald, et al. (2000). "Managing set-aside for field voles (Microtus agrestis)." Biological Conservation **96**(1): 123-128.
- Taylor, H. C. (1911). The American Economic Review **1**(3): 569-570.
- Taylor, J., S. Banister, et al. (1999). Amphibian habitat fragmentation - a case study of an area and the consequences for a translocated five species

community. Heterogeneity in Landscape Ecology: Pattern and Scale. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 139-148.

Taylor, K. (1997). "Geum Urbanum L." Journal of Ecology **85**(5): 705-720.

Taylor, K. (1999). "Galium aparine L." Journal of Ecology **87**(4): 713-730.

Taylor, K. and B. Markham (1978). "Ranunculus Ficaria L. (Ficaria verna Huds.; F. Ranunculoides Moench)." The Journal of Ecology **66**(3): 1011-1031.

Taylor, L. R. (1986). "Synoptic Dynamics, Migration and the Rothamsted Insect Survey: Presidential Address to the British Ecological Society, December 1984." The Journal of Animal Ecology **55**(1): 1-38.

Taylor, L. R., I. P. Woiwod, et al. (1980). "Variance and the Large Scale Spatial Stability of Aphids, Moths and Birds." The Journal of Animal Ecology **49**(3): 831-854.

Taylor, S. M. (1966). "Recent Quantitative Work on British Bird Populations. A Review." The Statistician **16**(2): 119-170.

TeBrake, W. H. (1982). Speculum: A Journal of Mediaeval Studies **57**(2): 418-420.

Tella, J. L., M. G. Forero, et al. (1998). "Conflicts between Lesser Kestrel conservation and European agricultural policies as identified by habitat use analyses." Conservation Biology **12**(3): 593-604.

Tenbergen, B. (2001). Hedgerows in North-western Germany: History, ecological functions, management and future of hedges in the cultural landscape of Westphalia, Germany. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 123-128.

Thenail, C. and J. Baudry (2004). "Variation of farm spatial land use pattern according to the structure of the hedgerow network (bocage) landscape: A case study in northeast Brittany." Agriculture, Ecosystems and Environment **101**(1): 53-72.

Thomas, C. F. G., F. Green, et al. (1997). "Distribution, dispersal and population size of the ground beetles, Pterostichus melanarius (Illiger) and Harpalus rufipes (Degeer) (Coleoptera, carabidae), in field margin habitats." Biological Agriculture & Horticulture **15**(1-4): 337-352.

Thomas, C. F. G. and E. J. P. Marshall (1999). "Arthropod abundance and diversity in differently vegetated margins of arable fields." Agriculture Ecosystems & Environment **72**(2): 131-144.

Thomas, C. F. G., L. Parkinson, et al. (2001). "Aggregation and temporal stability of carabid beetle distribution in field and hedgerow habitats." Journal of applied ecology **38**(1): 100-116.

Thomas, C. F. G., L. Parkinson, et al. (1998). "Isolating the components of activity-density for the carabid beetle Pterostichus melanarius in farmland." Oecologia **116**(1-2): 103-112.

Thomas, J. A. (1991). "Rare species conservation: case studies of European butterflies." The scientific management of temperate communities for conservation. 31st symposium of the British Ecological Society, Southampton, 1989: 149-197.

Thomas, J. A. and M. G. Morris (1994). "Patterns, Mechanisms and Rates of Extinction among Invertebrates in the United Kingdom." Philosophical Transactions: Biological Sciences **344**(1307, Estimating Extinction Rates: Sir Joseph Banks Anniversary Meeting): 47-54.

- Tiainen, J. and H. Kinnunen (1999). "Carabid distribution in a farmland mosaic: The effect of patch type and location." Annales Zoologici Fennici **36**(3): 149-158.
- Tischendorf, L. (2001). "Can landscape indices predict ecological processes consistently?" Landscape Ecology **16**(3): 235-254.
- Tischendorf, L., D. J. Bender, et al. (2003). "Evaluation of patch isolation metrics in mosaic landscapes for specialist vs. generalist dispersers." Landscape Ecology **18**(1): 41-50.
- Tischendorf, L. and L. Fahrig (2000). "How should we measure landscape connectivity?" Landscape Ecology **15**(7): 633-641.
- Tischendorf, L., L. Fahrig, et al. (2000). "On the usage and measurement of landscape connectivity." Oikos **90**(1): 7-19.
- Tischendorf, L. and L. Fahrig (2000). "On the usage and measurement of landscape connectivity." Oikos **90**(1): 7-19.
- Tischendorf, L., U. Irmler, et al. (1998). "A simulation experiment on the potential of hedgerows as movement corridors for forest carabids." Ecological Modelling **106**(2-3): 107-118.
- Tischendorf, L. and C. Wissel (1997). "Corridors as conduits for small animals: Attainable distances depending on movement pattern, boundary reaction and corridor width." Oikos **79**(3): 603-611.
- Todd, I. A., T. E. Tew, et al. (2000). "Arable habitat use by wood mice (*Apodemus sylvaticus*). 1. Macrohabitat." Journal of Zoology **250**(3): 299-303.
- Todd, V. (1949). "The Habits and Ecology of the British Harvestmen (Arachnida, Opiliones), with Special Reference to Those of the Oxford District." The Journal of Animal Ecology **18**(2): 209-229.
- Tourret, V. (2001). HEDGES: Everything about hedges in Europe - techniques, studies and advice for planting and maintaining hedges. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 373-377.
- Travis, J. M. J. and C. Dytham (1999). "Habitat Persistence, Habitat Availability and the Evolution of Dispersal." Proceedings: Biological Sciences **266**(1420): 723-728.
- Truong, P. N. V. and M. W. L. Pease (2001). Vetiver hedgerow: A hedge for environmental protection and landscaping. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 309-318.
- Turner, J. (1984). The American Historical Review **89**(1): 93-94.
- Tutin, T. G. (1957). "*Allium Ursinum* L." The Journal of Ecology **45**(3): 1003-1010.
- Tutt James, W. (1897). Chats about British Birds. London, Gill & Sons.
- Tworek, S. (2002). "Different bird strategies and their responses to habitat changes in an agricultural landscape." Ecological Research **17**(3): 339-359.
- Tybirk, K., E. Aude, et al. (2001). Botanical conservation values in Danish hedgerows. Hedgerows of the World: Their Ecological Functions in Different Landscapes. Lymm, IALE (UK) INT ASSOC LANDSCAPEECOL: 299-308.
- Uetz, G. W., J. Halaj, et al. (1999). "Guild structure of spiders in major crops." Journal of Arachnology **27**(1): 270-280.

- Ulrich, W., J. Buszko, et al. (2004). "The contribution of poplar plantations to regional diversity of ground beetles (Coleoptera: Carabidae) in agricultural landscapes." Annales Zoologici Fennici **41**(3): 501-512.
- Upton, G. J. G. and G. A. Lampitt (1981). "A Model for Interyear Change in the Size of Bird Populations." Biometrics **37**(1): 113-127.
- Valencia, E. and M. B. Adjei (2001). Tropical legumes to augment forage yield in the eastern caribbean. Proceedings of the Xix International Grassland Congress - Grassland Ecosystems: An Outlook into the 21st Century. Piracicaba, FUNDACAO ESTUDOS AGRARIOS LUIZ QUEIROZ (FEALQ): 116-117.
- Van Der Ree, R., A. F. Bennett, et al. (2003). "Home range of the squirrel glider (*Petaurus norfolcensis*) in a network of remnant linear habitats." Journal of Zoology **259**(4): 327-336.
- Van Der Winden, J. (1995). "The breeding population of the red-footed falcon (*Falco vespertinus*) in the Sivash, Ukraine." Journal fur Ornithologie **136**(3): 285-288.
- Van Der Zee, F. F., J. Wiertz, et al. (1992). "Landscape change as a possible cause of the badger *Meles meles* L. decline in The Netherlands." Biological Conservation **61**(1): 17-22.
- Van Elsen, T. (2000). "Species diversity as a task for organic agriculture in Europe." Agriculture, Ecosystems and Environment **77**(1-2): 101-109.
- Van Emden, H. F. (1990). "Plant diversity and natural enemy efficiency in agroecosystems." Critical issues in biological control / edited by Manfred Mackauer and Lester E. Ehler, Jens Roland. Andover, Hants : Intercept **1990**: 63-80.
- Van Rossum, F., S. Campos De Sousa, et al. (2004). "Genetic consequences of habitat fragmentation in an agricultural landscape on the common *Primula veris*, and comparison with its rare congener, *P. vulgaris*." Conservation Genetics **5**(2): 231-245.
- Vanderwinden, J. (1995). "The Breeding Population of the Red-Footed Falcon (*Falco Vespertinus*) in the Sivash, Ukraine." Journal Fur Ornithologie **136**(3): 285-288.
- Vanderzee, F. F., J. Wiertz, et al. (1992). "Landscape Change as a Possible Cause of the Badger *Meles-Meles* L Decline in the Netherlands." Biological Conservation **61**(1): 17-22.
- Vanhinsbergh, D., S. Gough, et al. (2002). "Summer and winter bird communities in recently established farm woodlands in lowland England." Agriculture, Ecosystems and Environment **92**(2-3): 123-136.
- Varchola, J. M. and J. P. Dunn (2001). "Influence of hedgerow and grassy field borders on ground beetle (Coleoptera: Carabidae) activity in fields of corn." Agriculture, ecosystems & environment **83**(1/2): 153-163.
- Vellend, M. and M. Vellend (2004). "Parallel effects of land-use history on species diversity and genetic diversity of forest herbs." Ecology **85**(11): 3043-3055.
- Venables, L. S. V. (1939). "Bird Distribution on the South Downs, and a Comparison with that of Surrey Greensand Heaths." The Journal of Animal Ecology **8**(2): 227-237.
- Verboom, B. and H. Huitema (1997). "The importance of linear landscape elements for the pipistrelle *Pipistrellus pipistrellus* and the serotine bat *Eptesicus serotinus*." Landscape Ecology **12**(2): 117-125.

- Verboom, B., B. Verboom, et al. (1999). "Effects of food abundance and wind on the use of tree lines by an insectivorous bat, *Pipistrellus pipistrellus*." Canadian Journal of Zoology **77**(9): 1393-1401.
- Verheyen, K., G. R. Guntenspergen, et al. (2003). "An integrated analysis of the effects of past land use on forest herb colonization at the landscape scale." Journal of Ecology **91**(5): 731-742.
- Verheyen, K. and M. Hermy (2001). "The Relative Importance of Dispersal Limitation of Vascular Plants in Secondary Forest Succession in Muizen Forest, Belgium." Journal of Ecology **89**(5): 829-840.
- Verhulst, S., C. M. Perrins, et al. (1997). "Natal Dispersal of Great Tits in a Patchy Environment." Ecology **78**(3): 864-872.
- Verhulst, S., J. H. van Balen, et al. (1995). "Seasonal Decline in Reproductive Success of the Great Tit: Variation in Time or Quality?" Ecology **76**(8): 2392-2403.
- Vickery, J., N. Carter, et al. (2002). "The potential value of managed cereal field margins as foraging habitats for farmland birds in the UK." Agriculture Ecosystems & Environment **89**(1-2): 41-52.
- Vickery, J. A., R. J. Fuller, et al. (1998). Use of cereal fields by birds : a review in relation to field margin managements. Thetford, British Trust for Ornithology.
- Vickery, J. A., I. G. Henderson, et al. (2004). "The role of agri-environment schemes and farm management practices in reversing the decline of farmland birds in England." Biological Conservation **119**(1): 19-39.
- W, A. S. (1932). The Journal of Ecology **20**(1): 223-225.
- Waldhardt, R. (2003). "Biodiversity and landscape - Summary, conclusions and perspectives." Agriculture, Ecosystems and Environment **98**(1-3): 305-309.
- Wales, B. A. (1972). "Vegetation Analysis of North and South Edges in a Mature Oak-Hickory Forest." Ecological Monographs **42**(4): 451-471.
- Walker, R. S., L. C. Branch, et al. (2003). "Effects of patch attributes, barriers, and distance between patches on the distribution of a rock-dwelling rodent (*Lagidium viscacia*)." Landscape Ecology **18**(2): 185-192.
- Waloff, N. (1975). The Journal of Animal Ecology **44**(3): 917-919.
- Walther-Hellwig, K. and R. Frankl (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.
- Watt, A. S. (1924). "Introduction." The Journal of Ecology **12**(2): 145-154.
- Watt, A. S. (1934). "The Vegetation of the Chiltern Hills, with Special Reference to the Beechwoods and their Seral Relationships." The Journal of Ecology **22**(2): 445-507.
- Webb, D. A. (1947). "The Vegetation of Carrowkeel, A Limestone Hill in North-West Ireland." The Journal of Ecology **35**(1/2): 105-129.
- Weibull, A.-C., J. Bengtsson, et al. (2000). "Diversity of butterflies in the agricultural landscape: Role of farming system and landscape heterogeneity." Ecography **23**(6): 743-750.
- Weisser, W. W., W. Volkl, et al. (1997). "The Importance of Adverse Weather Conditions for Behaviour and Population Ecology of an Aphid Parasitoid." Journal of Animal Ecology **66**(3): 386-400.
- Weitz, M. (1972). The Philosophical Review **81**(1): 110-113.

- Wentz, E. A., A. F. Campbell, et al. (2003). "A comparison of two methods to create tracks of moving objects: Linear weighted distance and constrained random walk." International Journal of Geographical Information Science **17**(7): 623-645.
- West, T. M. and E. J. P. Marshall (2001). Increasing botanical diversity and reducing weed abundance in degraded hedge-bases. Bcpc Conference - Weeds 2001, Vols 1 and 2. Farnham, BRITISH CROP PROTECTION COUNCIL: 727-732.
- Whatmore, S. and S. Boucher (1993). "Bargaining with Nature: The Discourse and Practice of 'Environmental Planning Gain'." Transactions of the Institute of British Geographers **18**(2): 166-178.
- Wheaton, T. A., J. D. Whitney, et al. (1984). "Hedgerows." Citrus industry **65**(12): 16-17, 20-22.
- Whigham, D. F. and D. F. Whigham (2004). "Ecology of woodland herbs in temperate deciduous forests." Annual Review of Ecology, Evolution, and Systematics **35**: 583-621.
- White, P. C. L., J. A. Brown, et al. (1993). "Badgers (*Meles meles*), Cattle and Bovine Tuberculosis (*Mycobacterium bovis*): A Hypothesis to Explain the Influence of Habitat on the Risk of Disease Transmission in Southwest England." Proceedings: Biological Sciences **253**(1338): 277-284.
- Whittingham, M. J., R. B. Bradbury, et al. (2001). "Chaffinch *Fringilla coelebs* foraging patterns, nestling survival and territory distribution on lowland farmland." Bird Study **48**(3): 257-270.
- Whittingham, M. J. and K. L. Evans (2004). "The effects of habitat structure on predation risk of birds in agricultural landscapes." Ibis **146**: 210-220.
- Whittingham, M. J., R. D. Swetnam, et al. (2005). "Habitat selection by yellowhammers *Emberiza citrinella* on lowland farmland at two spatial scales: implications for conservation management." Journal of Applied Ecology **42**(2): 270-280.
- Wickramasinghe, L. P., S. Harris, et al. (2003). "Bat activity and species richness on organic and conventional farms: Impact of agricultural intensification." Journal of Applied Ecology **40**(6): 984-993.
- Wilkinson, J. (1946). "Some Factors Affecting the Distribution of the Caprea Group of *Salix* in Gower." The Journal of Ecology **33**(2): 214-221.
- Willett, W. and R. Green (1947). British birds. London, Ward, Lock.
- Williams, D. W., G. Li, et al. (2004). "Tracking movements of individual *Anoplophora glabripennis* (Coleoptera: Cerambycidae) adults: Application of harmonic radar." Environmental Entomology **33**(3): 644-649.
- Williams, I. and T. Elias (1987). Blodau'r gwrych 2. Penygroes, Caernarfon, Gwasg Dwyfor.
- Williams, W. M. (1995). Journal of the Royal Anthropological Institute **1**(3): 638-639.
- Williamson, M. (1989). "Natural Extinction on Islands." Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences **325**(1228, Evolution and Extinction): 457-466.
- Williamson, P. (1971). "Feeding Ecology of the Red-eyed Vireo (*Vireo olivaceus*) and Associated Foliage-Gleaning Birds." Ecological Monographs **41**(2): 129-152.
- Willis, I., N. Hammond, et al. (1973). Birds of field and hedgerow : eight beautiful colour prints of field and hedgerow birds. London, Quartet Books.

- Wilson, J. D., A. J. Morris, et al. (1999). "A review of the abundance and diversity of invertebrate and plant foods of granivorous birds in northern Europe in relation to agricultural change." Agriculture, Ecosystems & Environment **75**(1-2): 13-30.
- Wilson, J. Z. (1983). "The influence of small woodlands on the macrofauna of surrounding areas."
- Winder, L., J. N. Perry, et al. (1999). "The spatial and temporal distribution of the grain aphid *Sitobion avenae* in winter wheat." Entomologia Experimentalis et Applicata **93**(3): 277-290.
- Winfrey, R. (1908). The Economic Journal **18**(72): 567-570.
- With, K. A. and T. O. Crist (1995). "Critical Thresholds in Species' Responses to Landscape Structure." Ecology **76**(8): 2446-2459.
- Wood, B. W. and D. Stahmann (2004). "Hedge Pruning Pecan." HortTechnology **14**(1): 63-72.
- Wood, S. (1975). Man **10**(1): 162.
- Woods, R. D., P. J. Dunleavy, et al. (1996). Small mammal activity in new hedgerows. Brighton Crop Protection Conference: Pests & Diseases - 1996, Vols 1-3. Farnham, BRITISH CROP PROTECTION COUNCIL: 445-446.
- Wratten, S. D., M. H. Bowie, et al. (2003). "Field boundaries as barriers to movement of hover flies (Diptera: Syrphidae) in cultivated land." Oecologia **134**(4): 605-611.
- Ya, T., Z. Yan-Zhou, et al. (2003). "Incorporation of mulberry in contour hedgerows to increase overall benefits: A case study from Ningnan County, Sichuan Province, China." Agricultural Systems **76**(2): 775-785.
- Yapp, W. B. (1934). "The Rook Population of West Gloucestershire." The Journal of Animal Ecology **3**(1): 77-80.
- Yapp, W. B. (1951). "The Population of Rooks (*Corvus frugilegus*) in West Gloucestershire. II." The Journal of Animal Ecology **20**(2): 169-172.
- Yoccoz, N. G. and S. Mesnager (1998). "Are alpine bank voles larger and more sexually dimorphic because adults survive better?" Oikos **82**(1): 85-98.
- Yom-Tov, Y. (1974). "The Effect of Food and Predation on Breeding Density and Success, Clutch Size and Laying Date of the Crow (*Corvus corone* L.)." The Journal of Animal Ecology **43**(2): 479-498.
- Zaring, J. (1977). "The Romantic Face of Wales." Annals of the Association of American Geographers **67**(3): 397-418.
- Zhang, Z. B. and M. B. Usher (1991). "Dispersal of Wood Mice and Bank Voles in an Agricultural Landscape." Acta Theriologica **36**(3-4): 239-245.
- Zhou, X., N. Carter, et al. (1994). "Seasonal distribution and aerial movement of adult coccinellids on farmland." Biocontrol Science and Technology **4**(2): 167-175.
- Zijp, J. P. and L. H. M. Blommers (2002). "Survival mode between the yearly reproduction periods, and reproductive biology of *Scambus pomorum* (Hymenoptera : Ichneumonidae : Pimplinae), a parasitoid of the apple blossom weevil *Anthonomus pomorum* (Coleoptera : curculionidae)." Entomologia Generalis **26**(1): 29-46.
- Zollner, P. A. and S. L. Lima (2005). "Behavioral tradeoffs when dispersing across a patchy landscape." Oikos **108**(2): 219-230.