**Appendix S1**

SECTION A: Studies used for comparing biodiversity between farmland with hedgerows and farmland without hedgerows.

| Identifier | Reference |
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| WoS1.1 | Aavik & Liira. 2009. Agrotolerant and high nature-value species-plant biodiversity indicator groups in agroecosystems. *Ecological Indicators* 9: 892-901 |
| WoS1.15 | Andresen et al. 2012. The wild flora biodiversity in pesticide free buffer zones along old hedgerows. *Journal of Environmental Biology* 33 (3): 565-572 |
| WoS1.37 | Balfour et al. 2015. Following the dance: Ground survey of flowers and flower-visiting insects in a summer foraging hotspot identified via honeybee waggle dance decoding. *Agriculture Ecosystems & Environment* 213: 265-271 |
| WoS1.85 | Boutin et al. 2008. Plant diversity in crop fields and woody hedgerows of organic and conventional farms in contrasting landscapes. *Agriculture Ecosystems & Environment* 123(1-3):185-193 |
| WoS1.89 | Boutin et al. 2009. Arthropod diversity as affected by agricultural management (organic and conventional farming), plant species, and landscape context. *Ecoscience* 16 (4): 492-501 |
| WoS1.90 | Boutin. 2006. Comparison of the vegetation and seedbanks of soybean fields, adjacent boundaries, and hedgerows in Ontario. *Canadian Journal of Plant Science* 86 (2): 557-567 |
| WoS2.11 | Burgio et al 2015 The Influence of Vegetation and Landscape Structural Connectivity on Butterflies (Lepidoptera: Papilionoidea and Hesperiidae), Carabids (Coleoptera: Carabidae), Syrphids (Diptera: Syrphidae), and Sawflies (Hymenoptera: Symphyta) in *Northern Italy Farmland Environmental Entomology* 1: 1-9 |
| WoS2.26 | Castro-Caro et al. 2015 Effects of hedges and herbaceous cover on passerine communities in Mediterranean olive groves *Acta Ornithologica* 50(2): 180-192 |
| WoS2.53 | Dainese et al. (2017) High cover of hedgerows in the landscape supports multiple ecosystem services in Mediterranean cereal fields *Journal of Applied Ecology* 54:380–388 |
| WoS2.75 | Debras et al. (2006) Discrimination between agricultural management and the hedge effect in pear orchards (south-eastern France) *Annals of Applied Biology* 149(3):347-355 |
| WoS3.8 | Dubois et al. (2009) Factors affecting the occurrence of the endangered saproxylic beetle *Osmoderma eremita* (Scopoli, 1763) (Coleoptera: Cetoniidae) in an agricultural landscape *Landscape and Urban Planning* 91:152–159 |
| WoS3.11 | Duflot et al. (2015) Reconsidering the role of 'semi-natural habitat' in agricultural landscape biodiversity: a case study *Ecological Research* 30: 75–83 |
| WoS3.25 | Evans et al. (2011) Seeds in farmland food-webs: Resource importance, distribution, and the impacts of farm management *Biological Conservation* 144:2941–2950 |
| WoS3.53 | Freemark et al. (2002) Importance of farmland habitats for conservation of plant species *Conservation Biology* 16(2):399-412 |
| WoS3.83 | Girard et al (2014) Higher nestling food biomass in organic than conventional soybean fields in eastern Ontario, Canada *Agriculture, Ecosystems and Environment* 189:199–205 |
| WoS3.84 | Girma et al. (2000) Insect pests and beneficial arthropod populations under different hedgerow intercropping systems in semiarid Kenya *Agroforestry Systems* 50: 279–292 |
| WoS3.87 | González-Valdivia et al. (2014) Avifauna en sistemas silvopastoriles en el Corredor Biológico Mesoamericano, Tabasco, México *International Journal of Tropical Biology* 62 (3): 1031-1052 |
| WoS4.7 | Guillot et al. (2016) Landscape influences the morphology of male common toads (*Bufo bufo*) *Agriculture, Ecosystems and Environment* 233:106–110 |

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| WoS4.17 | Hauser (2008) Groundnut/cassava/maize intercrop yields over three cycles of planted tree fallow/crop rotations on ultisol in southern Cameroon *Biological Agriculture and Horticulture* 25:379-399 |
| WoS4.41 | Hotaling et al. (2002) Breeding season bird use of restored wetland in eastern Maryland *Southeastern Naturalist* 1(3):233-252 |
| WoS4.59 | Jarvis et al. 2015. Distribution of crop wild relatives of conservation priority in the UK landscape *Biological Conservation* 191:444-451 |
| WoS4.71 | Jones and Haggar (1997) Impact of Nitrogen and organic manures on yield, botanical composition, and herbage quality of two contrasting grassland field margins *Biological Agriculture and Horticulture* 14(2):107-123 |
| WoS4.76 | Kagawa and Maeto (2014) Ground beetle (Coleoptera: Carabidae) assemblages associated with asatoyama landscape in Japan: the effects of soil moisture, weed height, and distance from woodlands *Applied Entomology and Zoology* 49(3):429-436 |
| WoS4.84 | Klimek et al. (2014) Modelling the spatial distribution of species-rich farmland to identify priority areas for conservation actions *Biological Conservation* 174:65–74 |
| WoS4.85 | Koellner and Scholz (2008) Assessment of land use impacts on the natural environment part 2: generic characterization factors for local species diversity in central Europe *International Journal of Life Cycle Assessment* 13 (1): 32 – 48 |
| WoS5.1 | Laiolo (2003) Diversity and structure of the bird community overwintering in the Himalayan subalpine zone: is conservation compatible with tourism? *Biological Conservation* 115 (2): 251–262 |
| WoS5.8 | Le Viol et al (2008) Plant and spider communities benefit differently from the presence of planted hedgerows in highway verges. *Biological Conservartion* 141(6): 1581-1590 |
| WoS5.25 | Love et al. 2009. Tree seedling establishment in living fences: a low-cost agroforestry management practice for the tropics. *Agroforestry Systems*77(1): 1-8 |
| WoS5.31 | Luptacik et al (2012) Diversity and community structure of soil Oribatida (Acari) in an arable field with alluvial soils. *European Journal of Soil Biology* 50:97-105 |
| WoS5.42 | Mancinelli et al (2015) Impact of land ownership and altitude on biodiversity evaluated by indicators at the landscape level in Central Italy *Land Use Policy* 45: 43-51 |
| WoS5.71 | Merckx et al (2009) Optimizing the biodiversity gain from agri-environment schemes. *Agriculture Ecosystems & Environment* 130(3-4): 177-182 |
| WoS5.96 | Morandin and Kremen (2013) Hedgerow restoration promotes pollinator populations and exports native bees to adjacent fields. *Ecological Applications* 23(4): 829-839 |
| WoS5.98 | Morellet et al. (2011) Landscape composition influences roe deer habitat selection at both home range and landscape scales. *Landscape Ecology* 26(7): 999-1010 |
| WoS6.13 | Nascimbene et al. (2012) Organic farming benefits local plant diversity in vineyard farms located in intensive agricultural landscapes *Environmental Management* 49:1054–1060 |
| WoS6.45 | Orlowski (2008) Roadside hedgerows and trees as factors increasing road mortality of birds: Implications for management of roadside vegetation in rural landscapes *Landscape and Urban Planning* 86: 153–161 |
| WoS6.60 | Paoletti et al. (2010) Soil invertebrates as bio-indicators in a natural area converted from agricultural use: the case study of Vallevecchia-Lugugnana in north-eastern Italy *Journal of Sustainable Agriculture* 34:38–56 |
| WoS6.62 | Paoletti et al. (1999) Arthropods as bioindicators in agroecosystems of Jiang Han plain, Qianjiang city, Hubei China *Critical Reviews in Plant Sciences*, 18(3):457–465 |
| WoS6.65 | Parish et al. (1994) Modelling the relationship between bird population variables and hedgerow and other field margin attributes. I. species richness of winter, summer and breeding birds *Journal of Applied Ecology* 31(4):764-775 |
| WoS6.91 | Pinkus-Rendón et al. (2006) Spider diversity in a tropical habitat gradient in Chiapas, Mexico *Diversity and Distributions* 12: 61-69 |
| WoS7.2 | Ponisio et al. (2016) On-farm habitat restoration counters biotic homogenization in intensively managed agriculture *Global Change Biology* 22(2): 704-715 |
| WoS7.5 | Power and Stout (2011) Organic dairy farming: impacts on insect–flower interaction networks and pollination *Journal of Applied Ecology* 48: 561–569 |

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| WoS7.47 | Sánchez-García et al. (2015) Supplementary winter food for gamebirds through feeders: which species actually benefit? *The Journal of Wildlife Management* 79(5): 832–845 |
| WoS7.48 | Sánchez Moreno et al. (2008) Nematode diversity, food web condition, and chemical and physical properties in different soil habitats of an organic farm *Biology and Fertility of Soils* 44(5): 727-744 |
| WoS7.54 | Sardiñas and Kremen (2015) Pollination services from field-scale agricultural diversification may be context-dependent *Agriculture, Ecosystems and Environment* 207: 17–25 |
| WoS7.73 | Sehgal (2011) Growth and productivity of *Ocimum basilicum* influenced by the application of organic manures under *Leucaena leucocephala* hedgerows in western Himalayan mid hills *Range Management and Agroforestry* 32(2):83-86 |
| WoS7.79 | Sheridan et al. (2009) Botanical rejuvenation of field margins and benefits for invertebrate fauna on a drystock farm in county longford Biology and environment- *Proceedidngs of the Royal Irish Academy* 109B(September): 95-106 |
| WoS7.93 | Slade et al. (2013) Life-history traits and landscape characteristics predict macro-moth responses to forest fragmentation *Ecology* 94(7): 1519–1530 |
| WoS7.94 | Smith et al. (2008) The value of sown grass margins for enhancing soil macrofaunal biodiversity in arable systems *Agriculture, Ecosystems and Environment* 127: 119–125 |
| WoS7.95 | Smukler et al. (2010) Biodiversity and multiple ecosystem functions in an organic farmscape *Agriculture, Ecosystems and Environment* 139: 80–97 |
| WoS8.5 | Stanley and Stout (2013) Quantifying the impacts of bioenergy crops on pollinating insect abundance and diversity: a field-scale evaluation reveals taxon-specific responses *Journal of Applied Ecology* 50: 335–344 |
| WoS8.19 | Sullivan and Sullivan (2006) Plant and small mammal diversity in orchard versus non-crop habitats *Agriculture, Ecosystems and Environment* 116: 235–243 |
| WoS8.25 | TangYa 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: 775–785 |
| WoS8.27 | Tattersall et al. (2002) Is habitat linearity important for small mammal communities on farmland? *Journal of Applied Ecology* 39(4): 643-652 |
| WoS8.38 | Thomas and Marshall (1999) Arthropod abundance and diversity in differently vegetated margins of arable fields *Agriculture, Ecosystems and Environment* 72: 131-144 |
| WoS8.49 | Tsiafouli et al. (2006) Soil nematode biodiversity in organic conventional agroecosystems of Northern Greece *Russian Journal of Nematology* 14(2): 159-169 |
| WoS8.58 | Vandevelde et al. (2014) Activity of European common bats along railway verges *Ecological Engineering* 64: 49–56 |
| WoS8.65 | Varchola and Dunn (2001) Influence of hedgerow and grassy field borders on ground beetle (Coleoptera: Carabidae) activity in fields of corn *Agriculture, Ecosystems and Environment* 83: 153–163 |
| WoS8.69 | Vaughan et al. (2007) Spatial ecology and conservation of two sloth species in a cacao landscape in limón, Costa Rica *Biodiversity Conservation* 16: 2293–2310 |
| WoS8.73 | Verboom and Huitema (1997) The importance of linear landscape elements for the pipistrelle *Pipistrellus pipistrellus* and the serotine bat *Eptesicus serotins Landscape Ecology* 12(2): 117-125 |
| WoS8.98 | Wilkerson (2014) Using hedgerows as model linkages to examine non-native plant patterns *Agriculture, Ecosystems and Environment* 192: 38–46 |
| WoS9.4 | Wu et al. (2009) Responses of ground-dwelling spiders to four hedgerow species on sloped agricultural fields in Southwest China *Progress in Natural Science* 19: 337–346 |
| WoS10.8 | Assandri et al. (2018) Beautiful agricultural landscapes promote cultural ecosystem services and biodiversity conservation *Agriculture, Ecosystems and Environment* 256: 200–210 |
| WoS10.66 | Heath et al. (2017) A bustle in the hedgerow: Woody field margins boost on farm avian diversity and abundance in an intensive agricultural landscape *Biological Conservation* 212: 153–161 |

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| WoS10.71 | Holden et al. (2019) The role of hedgerows in soil functioning within agricultural landscapes *Agriculture, Ecosystems and Environment* 273: 1–12 |
| WoS10.78 | Kebede et al. (2018) Implications of changes in land cover and landscape structure for the biocontrol potential of stemborers in Ethiopia *Biological Control* 122: 1–10 |
| WoS10.88 | Lefebvre et al. (2017) Bayesian inferences of arthropod movements between hedgerows and orchards *Basic and Applied Ecology* 21: 76–84 |
| WoS10.96 | Rangel-Acosta et al. (2017) Comparison of copro-necrophagous beetle assemblages (Scarabaeidae: Scarabaeinae) among tropical dry forest fragments and the adjacent matrix in the Atlántico Department of Colombia *Revista Mexicana de Biodiversidad* 88: 389–401 |
| WoS10.104 | McHugh et al. (2018) Use of field margins managed under an agri-environment scheme by foraging Barn Swallows *Hirundo rustica Bird Study* 65(3): 329-337 |
| WoS10.105 | Mestre et al. (2018) Both woody and herbaceous semi-natural habitats are essential for spider overwintering in European farmland *Agriculture, Ecosystems and Environment* 267: 141–146 |
| WoS10.123 | Ponisio et al. (2017) Opportunistic attachment assembles plant-pollinator networks *Ecology Letters* 20: 1261–1272 |
| WoS10.137 | Sellers et al. (2018) Impact of field-edge habitat on mammalian wildlife abundance, distribution, and vectored foodborne pathogens in adjacent crops *Crop Protection* 108: 1–11 |
| WoS10.146 | Staley et al. 2017. Experimental evidence for optimal hedgerow cutting regimes for Brown hairstreak butterflies. *Insect Conservation and Diversity* 11: 213 - 218 |

<u>SECTION B:</u> Studies used for comparing biodiversity between farmland with hedgerows and natural habitats.

| Identifier | Reference |
|---|---|
| WoS1.40 | Balsby et al. 2003. Degradation of whitethroat vocalisations: Implications for song flight and communication network activities. Behaviour 140: 695-719 |
| WoS1.65 | Berwaerts 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 |
| WoS2.1 | Buddle et al. 2004. Ground-dwelling spider assemblages inhabiting riparian forests and hedgerows in an agricultural landscape. *American Midland Naturalist* 151 (1):15-26 |
| WoS2.20 | Camerini and Groppali (2014) Landfill restoration and biodiversity: A case of study in Northern Italy *Waste Management and Research* 32(8): 782-790 |
| WoS2.25 | Castagneyrol et al (2014) Egg mortality in the pine processionary moth: habitat diversity, microclimate and predation effects *Agricultural and Forest Entomology* 16: 284–292 |
| WoS2.27 | Ceresa et al (2012) The importance of key marginal habitat features for birds in farmland: an assessment of habitat preferences of Red-backed Shrikes *Lanius collurio* in the Italian Alps, *Bird Study* 59(3):327-334 |
| WoS2.45 | Costa et al. (2017) Variegated tropical landscapes conserve diverse dung beetle communities *PeerJ* 5:e3125 |
| WoS2.71 | de la Peña and Bonte (2011) Soil biota effects on clonal growth and flowering in the forest herb *Stachys sylvatica Acta Oecologica* 37:110-116 |
| WoS3.11 | Duflot et al. (2015) Reconsidering the role of 'semi-natural habitat' in agricultural landscape biodiversity: a case study *Ecological Research* 30: 75–83 |
| WoS3.20 | Endels et al. (2004) Population structure and adult plant performance of forest herbs in three contrasting habitats *Ecography* 27(2):225-241 |
| WoS3.25 | Evans et al. (2011) Seeds in farmland food-webs: Resource importance, distribution and the impacts of farm management *Biological Conservation* 144:2941–2950 |
| WoS3.53 | Freemark et al. (2002) Importance of farmland habitats for conservation of plant species *Conservation Biology* 16(2): 399-412 |
| WoS3.57 | Fritz and Merriam (1996) Fencerow and forest edge architecture in eastern Ontario farmland *Agriculture, Ecosystems and Environment* 59 (1996): 159-170 |

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| WoS3.60 | Fuentes-Montemayor et al. (2011) Pipistrelle bats and their prey do not benefit from four widely applied agri-environment management prescriptions *Biological Conservation* 144:2233–2246 |
| WoS3.63 | Fuller et al. (2014) The response of ground-dwelling spiders (Araneae) and hoverflies (Diptera: Syrphidae) to afforestation assessed using within-site tracking *Forestry* 87: 301–312 |
| WoS3.64 | Fuller 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* 84:79–92 |
| WoS4.7 | Guillot et al. (2016) Landscape influences the morphology of male common toads (*Bufo bufo*) *Agriculture, Ecosystems and Environment* 233:106–110 |
| WoS4.52 | Innes et al. (2010) Effect of grazing on ship rat density in forest fragments of lowland Waikato, New Zealand *New Zealand Journal of Ecology* 34(2): 227-232 |
| WoS4.57 | Jahnová et al. (2016) The role of various meadow margin types in shaping carabid and staphylinid beetle assemblages (Coleoptera: Carabidae, Staphylinidae) in meadow dominated landscapes *Journal of Insect Conservation* 20:59–69 |
| WoS4.67 | Jobin et al. (1997) Effects of agricultural practices on the flora of hedgerows and woodland edges in southern Quebec. Canadian Journal of Plant Sciences 77: 293–299 |
| WoS4.76 | Kagawa and Maeto (2014) Ground beetle (Coleoptera: Carabidae) assemblages associated with asatoyama landscape in Japan: the effects of soil moisture, weed height, and distance from woodlands *Applied Entomology and Zoology* 49(3):429-436 |
| WoS4.84 | Klimek et al. (2014) Modelling the spatial distribution of species-rich farmland to identify priority areas for conservation actions *Biological Conservation* 174:65–74 |
| WoS4.93 | Kubes and Fuchs (1998) Village as a bird refuge in cultural landscape (largely agricultural landscape, The Czech Republic) *Ekológia* (Bratislava) 17(2):208-220 |
| WoS5.98 | Morellet et al. (2011) Landscape composition influences roe deer habitat selection at both home range and landscape scales. *Landscape Ecology* 26(7): 999-1010 |
| WoS6.7 | Muñoz et al. (2013) Contribution of woody habitat islands to the conservation of birds and their potential ecosystem services in an extensive Colombian rangeland *Agriculture, Ecosystems and Environment* 173:13– 19 |
| WoS6.45 | Orlowski (2008) Roadside hedgerows and trees as factors increasing road mortality of birds: implications for management of roadside vegetation in rural landscapes *Landscape and Urban Planning* 86: 153–161 |
| WoS6.56 | Paine and Ribic (2002) Comparison of riparian plant communities under four land management systems in southwestern Wisconsin *Agriculture, Ecosystems and Environment* 92: 93–105 |
| WoS6.62 | Paoletti et al. (1999) Arthropods as bioindicators in agroecosystems of Jiang Han plain, Qianjiang city, Hubei China *Critical Reviews in Plant Sciences* 18(3):457–465 |
| WoS6.82 | Petit and Usher (1998) Biodiversity in agricultural landscapes: the ground beetle communities of woody uncultivated habitats *Biodiversity and Conservation* 7: 1549-1561 |
| WoS6.91 | Pinkus-Rendón et al. (2006) Spider diversity in a tropical habitat gradient in Chiapas, Mexico *Diversity and Distributions* 12: 61-69 |
| WoS7.28 | Rhoades et al. (2004) Soil properties and soil Nitrogen dynamics of prairie-like forest openings and surrounding forests in Kentucky's Knobs region *The American Midland Naturalist* 152:1–11 |
| WoS7.43 | Sage et al. (2015) Using fledged brood counts of hedgerow birds to assess the effect of summer agri-environment scheme options *Ecological Indicators* 57: 376–383 |
| WoS7.65 | Schmuki and de Blois (2009) Population structures and individual performances of *Trillium grandiflorum* in hedgerow and forest habitats *Plant Ecology* 202:67–78 |
| WoS7.84 | Silva and Prince (2008) The conservation value of hedgerows for small mammals in Prince Edward Island, Canada *The American Midland Naturalist* 159(1): 110-124 |
| WoS7.93 | Slade et al. (2013) Life-history traits and landscape characteristics predict macro-moth responses to forest fragmentation *Ecology* 94(7): 1519–1530 |

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| WoS7.94 | Smith et al. (2008) The value of sown grass margins for enhancing soil macrofaunal biodiversity in arable systems *Agriculture, Ecosystems and Environment* 127: 119–125 |
| WoS8.19 | Sullivan and Sullivan (2006) Plant and small mammal diversity in orchard versus non-crop habitats *Agriculture, Ecosystems and Environment* 116: 235–243 |
| WoS8.23 | Tang et al. (2014) Effects of corridor networks on plant species composition and diversity in an intensive agriculture landscape *Chinese Geographical Science* 24(1): 93–103 |
| WoS8.27 | Tattersall et al. (2002) Is habitat linearity important for small mammal communities on farmland? *Journal of Applied Ecology* 39(4): 643-652 |
| WoS8.69 | Vaughan et al. (2007) Spatial ecology and conservation of two sloth species in a cacao landscape in limón, Costa Rica *Biodiversity Conservation* 16: 2293–2310 |
| WoS10.8 | Assandri et al. (2018) Beautiful agricultural landscapes promote cultural ecosystem services and biodiversity conservation *Agriculture, Ecosystems and Environment* 256: 200–210 |
| WoS10.25 | Burrow et al. (2018) Influence of connectivity & topsoil management practices of a constructed technosol on pedofauna colonization: A field study *Applied Soil Ecology* 123(SI):416-419 |
| WoS10.157 | Van Den Berge et al. (2018) Species diversity, pollinator resource value and edibility potential of woody networks in the countryside in northern Belgium. *Agriculture, Ecosystems & Environment* 259: 119-126 |

SECTION C: Studies used for comparing ecosystem services provided by farmland with hedgerows and farmland without hedgerows.

| Identifier | Reference |
|---|---|
| WoS1.5 | Agus et al. (1997) Soil-water and soil physical properties under contour hedgerow systems on sloping oxisols. *Soil & Tillage Research* 40: 185-199 |
| WoS1.8 | Alegre & Rao (1996) Soil and water conservation by contour hedging in the humid tropics of Peru. *Agriculture, Ecosystem and Environment* 57: 17-25 |
| WoS1.80 | Borin et al. (2010) Multiple functions of buffer strips in farming areas. *European Journal of Agronomy* 32 (1):103-111 |
| WoS1.90 | Boutin (2006) Comparison of the vegetation and seedbanks of soybean fields, adjacent boundaries, and hedgerows in Ontario. *Canadian Journal of Plant Science* 86 (2): 557-567 |
| WoS10.107 | Garzia et al.(2018) Effects of vegetation structure and landscape complexity on insect parasitism across an agricultural frontier in Argentina *Basic and Applied Ecology* 29: 69–78 |
| WoS10.138 | Sharma et al. (2018) Entomopathogenic fungi in Portuguese vineyards soils: suggesting a 'Galleria-Tenebrio-bait method' as bait insects Galleria and Tenebrio significantly underestimate the respective recoveries of Metarhizium (robertsii) and Beauveria (bassiana) *MycoKeys* 38: 1–23 |
| WoS10.139 | Sharma et al. (2018) Soil chemical properties barely perturb the abundance of entomopathogenic *Fusarium oxysporum*: a case study using a generalized linear mixed model for microbial pathogen occurrence count data *Pathogens* 7: 89 |
| WoS10.15 | Baumert et al. (2018) Greenhouse gas and energy balance of *Jatropha biofuel* production systems of Burkina Faso *Energy for Sustainable Development* 42: 14–23 |
| WoS10.71 | Holden et al. (2019) The role of hedgerows in soil functioning within agricultural landscapes *Agriculture, Ecosystems and Environment* 273: 1–12 |
| WoS2.10 | Burgio and Sommaggio (2007) Syrphids as landscape bioindicators in Italian agroecosystems *Agriculture, Ecosystems and Environment* 120: 416–422 |
| WoS2.53 | Dainese et al. (2017) High cover of hedgerows in the landscape supports multiple ecosystem services in Mediterranean cereal fields *Journal of Applied Ecology* 54:380–388 |
| WoS3.51 | Franco (1998) Hedgerows and non point source pollution: field test and landscape planning *Key Concepts in Landscape Ecology* 392-398 |

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| WoS3.84 | Girma et al. (2000) Insect pests and beneficial arthropod populations under different hedgerow intercropping systems in semiarid Kenya *Agroforestry Systems* 50: 279–292 |
| WoS4.17 | Hauser (2008) Groundnut/cassava/maize intercrop yields over three cycles of planted tree fallow/crop rotations on ultisol in southern Cameroon *Biological Agriculture and Horticulture* 25:379-399 |
| WoS4.22 | Henry et al. (2009) Biodiversity, carbon stocks and sequestration potential in aboveground biomass in smallholder farming systems of western Kenya *Agriculture, Ecosystems and Environment* 12:238–252 |
| WoS4.70 | Jones et al. (2001) The effect of provenance on the performance of *Crataegus monogyna* in hedges *Journal of Applied Ecology* 38:952-962 |
| WoS4.87 | Koudokpon et al. (1994) Priority setting in research for sustainable land use: the case of the Adja Plateau, Benin *Agroforestry Systems* 26:101-122 |
| WoS5.31 | Luptacik et al (2012) Diversity and community structure of soil Oribatida (Acari) in an arable field with alluvial soils. *European Journal of Soil Biology* 50:97-105 |
| WoS5.37 | Macfadyen et al. (2011) Parasitoid diversity reduces the variability in pest control services across time on farms. P*roceedings of the Royal Society B-Biological Sciences* 278(1723): 3387-3394 |
| WoS5.38 | MacLean 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 |
| WoS5.64 | Menalled et al (2000) Post-dispersal weed seed predation in Michigan crop fields as a function of agricultural landscape structure. *Agriculture Ecosystems & Environment* 77(3): 193-202 |
| WoS5.89 | Monokrousos et al (2006) Soil quality variables in organically and conventionally cultivated field sites. *Soil Biology & Biochemistry* 38(6): 1282-1289 |
| WoS6.46bis | Ortiz (1995) Plot techniques for assessment of bunch weight in banana trials under two systems of crop management *Agronomy Journal* 87:63-69 |
| WoS6.6 | Mugendi et al. (2000) Nitrogen recovery by alley-cropped maize and trees from 15N-labeled tree biomass in the subhumid highlands of Kenya *Biology and Fertility of Soils* 31:97–101 |
| WoS6.8 | Mureithi et al. (1995) Productivity of alley farming with leucaena (*Leucaena leucocephala* Lam. de Wit) and Napier grass (*Pennisetum purpureum* K. Schum) in coastal lowland Kenya *Agroforestry Systems* 31: 59-78 |
| WoS6.91 | Pinkus-Rendón et al. (2006) Spider diversity in a tropical habitat gradient in Chiapas, Mexico *Diversity and Distributions* 12: 61-69 |
| WoS7.11 | Radrizanni et al. (2011) Soil organic carbon and total nitrogen under *Leucaena leucocephala* pastures in Queensland *Crop & Pasture Scienc*e 62: 337–345 |
| WoS7.20 | Rao et al. (1991) Productivity of annual cropping and agroforestry systems on a shallow Alfisol in semi-arid India *Agroforestry Systems* 15: 51-63 |
| WoS7.48 | Sánchez Moreno et al. (2008) Nematode diversity, food web condition, and chemical and physical properties in different soil habitats of an organic farm *Biology and Fertility of Soils* 44(5): 727-744 |
| WoS7.54 | Sardiñas and Kremen (2015) Pollination services from field-scale agricultural diversification may be context-dependent *Agriculture, Ecosystems and Environment* 207: 17–25 |
| WoS7.73 | Sehgal (2011) Growth and productivity of *Ocimum basilicum* influenced by the application of organic manures under *Leucaena leucocephala* hedgerows in western Himalayan mid hills *Range Management and Agroforestry* 32(2):83-86 |
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SECTION D: Studies used for comparing the ecosystem services provided by farmland with hedgerows and natural habitat.

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