**Supplementary Material S2**: List of references cited in Supplementary Table S1

Acs S, Hanley N, Dallimer M, Gaston KJ, Robertson P, Wilson P and Armsworth PR 2013. The effect of decoupling on marginal agricultural systems: Implications for farm incomes, land use and upland ecology. Land Use Policy 27, 550-563.

Albrecht M, Schmid B, Obrist MK, Schüpbach B, Kleijn D and Duelli P 2010. Effects of ecological compensation meadows on arthropod diversity in adjacent intensively managed grassland. Biological Conservation 143, 642-649.

Andersson GKS, Birkhofer K, Rundlöf M and Smith HG 2013. Landscape heterogeneity and farming practice alter the species composition and taxonomic breadth of pollinator communities. Basic and Applied Ecology 14, 540-546.

Batáry P, Báldi A, Sárospataki M, Kohler F, Verhulst J, Knop E, Herzog F and Kleijn D 2010. Effect of conservation management on bees and insect-pollinated grassland plant communities in three European countries. Agriculture, Ecosystems and Environment 136, 35-39.

Beilin R, Lindborg R, Stenseke M, Pereira HM, Llausàs A, Slätmo E, Cerqueira Y, Navarro L, Rodrigues P, Reichelt N, Munro N and Queiroz C 2013. Analysing how drivers of agricultural land abandonment affect biodiversity and cultural landscapes using case studies from Scandinavia, Iberia and Oceania. Land Use Policy 36, 60-72.

Binkenstein J, Renoult JP and Schaefer HM 2013. Increasing land-use intensity decreases floral colour diversity of plant communities in temperate grasslands. Oecologia, 1-11.

Brady M, Sahrbacher C, Kellermann K and Happe K 2011. An agent-based approach to modeling impacts of agricultural policy on land use, biodiversity and ecosystem services. Landscape Ecology 27, 1363-1381.

De Deyn GB, Quirk H, Yi Z, Oakley S, Ostle NJ and Bardgett RD 2009. Vegetation composition promotes carbon and nitrogen storage in model grassland communities of contrasting soil fertility. Journal of Ecology 97, 864-875.

De Deyn GB, Shiel RS, Ostle NJ, McNamara NP, Oakley S, Young I, Freeman C, Fenner N, Quirk H and Bardgett RD 2011. Additional carbon sequestration benefits of grassland diversity restoration. Journal of Applied Ecology 48, 600-608.

Fonderflick J, Caplat P, Lovaty F, Thévenot M and Prodon R 2010. Avifauna trends following changes in a Mediterranean upland pastoral system. Agriculture, Ecosystems & Environment 137, 337-347.

Ford H, Garbutt A, Jones DL and Jones L 2012. Impacts of grazing abandonment on ecosystem service provision: Coastal grassland as a model system. Agriculture, Ecosystems and Environment 162, 108-115.

Fornara DA, Banin L and Crawley MJ 2013. Multi-nutrient vs. nitrogen-only effects on carbon sequestration in grassland soils. Global Change Biology 19, 3848-3857.

Franzén M and Nilsson SG 2008. How can we preserve and restore species richness of pollinating insects on agricultural land? Ecography 31, 698-708.

Holzschuh A, Steffan-Dewenter I, Kleijn D and Tscharntke T 2007. Diversity of flower-visiting bees in cereal fields: Effects of farming system, landscape composition and regional context. Journal of Applied Ecology 44, 41-49.

Kennedy CM, Lonsdorf E, Neel MC, Williams NM, Ricketts TH, Winfree R, Bommarco R, Brittain C, Burley AL, Cariveau D, Carvalheiro LG, Chacoff NP, Cunningham SA, Danforth BN, Dudenhöffer JH, Elle E, Gaines HR, Garibaldi LA, Gratton C, Holzschuh A, Isaacs R, Javorek SK, Jha S, Klein AM, Krewenka K, Mandelik Y, Mayfield MM, Morandin L, Neame LA, Otieno M, Park M, Potts SG, Rundlöf M, Saez A, Steffan-Dewenter I, Taki H, Viana BF, Westphal C, Wilson JK, Greenleaf SS and Kremen C 2013. A global quantitative synthesis of local and landscape effects on wild bee pollinators in agroecosystems. In, pp. 584-599.

Kizos T, Plieninger T and Schaich H 2013. "Instead of 40 Sheep there are 400": Traditional Grazing Practices and Landscape Change in Western Lesvos, Greece. Landscape Research 38, 476-498.

Lee H, Alday JG, Rose RJ, O'Reilly J and Marrs RH 2013. Long-term effects of rotational prescribed burning and low-intensity sheep grazing on blanket-bog plant communities. Journal of Applied Ecology 50, 625-635.

Lindborg R, Stenseke M, Cousins SAO, Bengtsson J, Berg A, Gustafsson T, Sjödin NE and Eriksson O 2009. Investigating biodiversity trajectories using scenarios - Lessons from two contrasting agricultural landscapes. Journal of environmental management 91, 499-508.

Lorencová E, Frélichová J, Nelson E and Vačkář D 2012. Past and future impacts of land use and climate change on agricultural ecosystem services in the Czech Republic. Land Use Policy 33, 183-194.

Marriott CA, Hood K, Fisher JM and Pakeman RJ 2009. Long-term impacts of extensive grazing and abandonment on the species composition, richness, diversity and productivity of agricultural grassland. Agriculture Ecosystems & Environment 134, 190-200.

Marriott CA, Fisher JM, Hood K and Pakeman RJ 2010. Impacts of extensive grazing and abandonment on grassland soils and productivity. Agriculture, Ecosystems and Environment 139, 476-482.

Medina-Roldán E, Paz-Ferreiro J and Bardgett RD 2012. Grazing exclusion affects soil and plant communities, but has no impact on soil carbon storage in an upland grassland. Agriculture, Ecosystems and Environment 149, 118-123.

Menta C, Leoni A, Gardi C and Delia Conti F 2011. Are grasslands important habitats for soil microarthropod conservation? Biodiversity and Conservation 20, 1073-1087.

Morón-Ríos A, Rodríguez MA, Pérez-Camacho L and Rebollo S 2010. Effects of seasonal grazing and precipitation regime on the soil macroinvertebrates of a Mediterranean old-field. European Journal of Soil Biology 46, 91-96.

Peringer A, Siehoff S, Chételat J, Spiegelberger T, Buttler A and Gillet F 2013. Past and future landscape dynamics in pasture-woodlands of the Swiss Jura Mountains under climate change. Ecology and Society 18.

Robson TM, Baptist F, Clément JC and Lavorel S 2010. Land use in subalpine grasslands affects nitrogen cycling via changes in plant community and soil microbial uptake dynamics. Journal of Ecology 98, 62-73.

Sanz ASR, Fernandez C, Mouillot F, Ferrat L, Istria D and Pasqualini V 2013. Long-term forest dynamics and land-use abandonment in the Mediterranean Mountains, Corsica, France. Ecology and Society 18.

Schneider MK, Homburger H, Scherer-Lorenzen M and Lüscher A 2013. Grazing intensity and ecosystem services in the alpine region. Beweidungsintensität und Ökosystem-leistungen im Alpgebiet 4, 222-229.

Varah A, Jones H, Smith J and Potts SG 2013. Enhanced biodiversity and pollination in UK agroforestry systems. Journal of the Science of Food and Agriculture 93, 2073-2075.

Weigelt A, Weisser WW, Buchmann N and Scherer-Lorenzen M 2009. Biodiversity for multifunctional grasslands: Equal productivity in high-diversity low-input and low-diversity high-input systems. Biogeosciences 6, 1695-1706.