**Supplementary Material S1**: Query used for the bibliographical review in the SCOPUS database. The search was performed on 11/12/2013 and rendered 563 references.

A large number of terms linking pasture-based livestock farming systems and diverse aspects relating to non-provisioning ES and biodiversity was used (for example, for climate regulation we used among other terms: carbon sequestration, carbon sink, climate change or climate regulation).

TITLE in uppercase points out at search terms included in the title of the document. TITLE-ABS-KEY in uppercase points out at search terms included in the title, abstract or key-words of the document.

The search was restricted to Europe in terms of country of origin of authors. It was also limited to the following document types: Article, Review, Editorial, Article in press, or Book. Subject area was limited to: life sciences (agricultural and biological sciences), physical sciences (environmental sciences, chemistry, health sciences, veterinary), social sciences & humanities (economics, econometrics and finance, social sciences) and multidisciplinary.

Query:

(TITLE("agri\*" OR "agro\*" OR "farming" OR “graz\*” OR"\*pastoral\*" OR "animal" OR "livestock" OR "husbandry" OR "pasture\*" OR "mountain\*" OR "silvo\*" OR "grasslands" OR "rangelands" OR "steppes" OR "dehesa\*" OR "montados" OR "meadows" OR "heathland\*")) AND (TITLE-ABS-KEY("ecosystem service\*" OR "public good\*" OR "externalit\*" OR "positive externalit\*" OR "environmental service\*" OR "multifunction\*")) AND (TITLE-ABS-KEY(“air quality” OR “gas regulation” OR “gas purification” OR “air regulation” OR “air purification” OR “favourable climate” OR “carbon sequestration” OR “carbon sink” OR “carbon stock” OR “carbon storage” OR “climate change” OR “global warming” OR “climate stabilization” OR “climate regulation” OR “forest fires” OR “wildfires” OR “drainage” OR “natural irrigation” OR “drought” OR “flood” OR “water flows” OR “water regulation” OR “clean water” OR “water purification” OR “waste treatment” OR “erosion” OR “soil fertility” OR “nutrient cycling” OR “clean soil” OR “productive soil” OR “soil formation” OR “soil generation” OR “soil preservation” OR “pollinat\*” OR “pest control” OR “disease control” OR “pest regulation” OR “disease regulation” OR “seed dispersal” OR “biological control” OR “nursery-service” OR “photosynthesis” OR “primary production” OR “lifecycle” OR “biodiversity” OR “diversity” OR “gene pool” OR “appreciated scenery” OR “tranquility” OR “aesthetic” OR “landscape” OR “recreation” OR “enjoy\*” OR “tourism” OR “eco-tourism” OR “cultural value” OR “artistic value” OR “cultural heritage” OR “artistic heritage” OR “cultural diversity” OR “artistic diversity” OR “spiritual” OR “religious” OR “local ecological knowledge” OR “education development” OR “knowledge development” OR “cognitive development”))