

MANAGEMENT PLAN 2019 – 2024

Annexe

Annexe C: Natural capital assets and associated ecosystem services

Key natural capital assets (stock) of the Blackdown Hills AONB and the associated ecosystem services (flow)

This table identifies the natural capital stock of the Blackdown Hills AONB. The stock forms an interconnected network of natural capital assets across the area and together these form the special qualities that underpin the AONB national landscape designation.

Key natural capital assets of the Blackdown Hills- link to special qualities in the AONB Management Plan	Provisioning <i>Food production, fresh water, fuel wood</i>	Regulating <i>Climate regulation, disease control, flood control, erosion control, water purification</i>	Cultural <i>Spiritual aims, recreation, aesthetic, inspirational, educational, communal, tranquillity</i>	Supporting <i>Soil formation, photosynthesis, primary production, nutrient cycling, water cycling, pollinators, biodiversity</i>
Ancient species rich hedges and small copses creating a connected landscape	Fuel wood, shelter for livestock, for the production of livestock (e.g. meat)	Flood control/ erosion control on slopes	Part of the historic landscape fabric (e.g. parish boundaries), tranquillity	photosynthesis, pollinators, biodiversity
Wood pasture, deer parks, veteran trees	Livestock (e.g. meat), shelter for livestock	Carbon store, Flood control/ erosion control on slopes	Part of the historic landscape fabric	nutrient cycling, water cycling, biodiversity
Heathland	Livestock (e.g. meat), Material for bedding	Carbon store, Flood control/ erosion control on slopes	Part of the historic landscape fabric, recreation	nutrient cycling, water cycling, biodiversity
Ancient and PAWS woodland	Fuel wood, shelter for livestock	Carbon store, Flood control/ erosion control on slopes	Part of the historic landscape fabric	nutrient cycling, water cycling, biodiversity
Species rich grasslands	Livestock (food and other products)	Carbon store, Flood control/ erosion control on slopes	Part of the historic landscape fabric	Soil formation, photosynthesis, primary production, nutrient cycling, water cycling, biodiversity
Historic and archaeological remains	Where associated with land management then all the above apply	Where associated with land management then all the above apply	Spiritual aims, recreation, aesthetic, inspirational, educational, communal	Where associated with land management then all the above apply
Headwaters of 4 major river systems with spring line mires and fens	Fresh water	Flood control, erosion control, water purification, peat soils in mires store carbon	recreation, aesthetic, inspirational, educational	Biodiversity, nutrient cycling, water cycling