South Slopes of the High Weald

The East Sussex County Landscape Assessment

The High Weald

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South Slopes of the High Weald

close network of winding lanes with scattered farms, cottages and linear settlements often on ridge lines

landscape deeply dissected into innumerable N-S ridges, valleys and ghylls

parkland and designed landscapes

close network of ghyll woodland, small woods, shaws and hedges

streams drain mainly into Cuckmere or Levels waterway system secluded, often shady valleys, with remote feel

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A Landscape Description

Key Landscape Characteristics

- An intricate small scale landscape with a strong pattern of hedgerows.
- The area falls gently southwards from the Heathfield Battle ridge to the Low Weald and Pevensey Levels.
- Wide views to the Downs from many areas.
- An area deeply dissected into innumerable north-south ridges, valleys and ghylls.
- The source of the River Cuckmere into which most streams in the western part of the area drain and the Ashbourne stream catchment in the east.
- Many scattered small farm ponds and hammer ponds as relics of the iron industry which thrived in this area.
- A sense of tranquillity and relative remoteness away from the main settlements and roads.
- Frequent scattered small woods and shaws, many of which are Semi-Natural Ancient deciduous woodland.
- Ghyll woodlands in the many steep sided valleys which are a key characteristic of the High Weald.
- Larger areas of continuous woodland in the Great Wood complex to the east of Rushlake Green and the largest woodland block in the area to the east of Penhurst at Creep Wood.
- There is an abundance of hornbeam or 'horbeech' which is a clue to the local place names such as Cowbeech and Horam. Other indigenous characteristic tree species are Oak, ash and wild cherry. Sweet chestnut is a feature tree in villages and as notable ancient trees and avenues in the parklands of Ashburnum and Herstmonceux Castle. Beech and pine also feature locally and other exotic specimens are found in gardens and villages.
- Many scattered small historic villages and hamlets centred around a church or a pub.
- Scattered and often isolated large farmsteads.
- A close network of winding lanes with scattered settlements and individual dwellings often strung out along them, particularly on the ridges.
- The extensive park and woodland estate at Ashburnum with lakes and vistas designed by Capability Brown.
- Heathfield Park in Old Heathfield, a Repton designed landscape.
- The significant historic moated manor house of Herstmonceux Castle with the associated museum of the old National Observatory which has distinctive domes visible from a wide area to the south.
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- Traditional building materials for the area are red brick, often laid as Flemish bond with blued brick ends, red tiled roofs and tile hung upper stories are typical. Oak timber framed and sandstone houses reflect the abundance of locally sourced timber and quarried stone. Flint is found in the south of the area, closer to the downs where it was sourced. Houses built of non-local materials are found close to the railway.

- Much of the area is free of main roads and traffic; the A271 forms the southern boundary of much of the area before it turns north to Old Heathfield.

Cultural Associations

The area was the centre of a thriving Wealden iron industry due to the locally mined ore, abundance of wood and streams to form ponds. Ashburnum Forge was the last furnace to close in Sussex.

As London night skies became too brightly lit for star gazing in 1957 the Royal Greenwich Observatory was moved to a rural site at Herstmonceux Castle. Several of the telescopes remain but the largest telescope, the 100 inch (254 cm) aperture Isaac Newton Telescope was moved to La Palma, Canary Islands in the 1970s. The estate provides housing to the Equatorial Telescope Buildings, which have been converted to an interactive science centre for schoolchildren. The empty dome for the Newton Telescope remains on this site and is a landmark being visible from afar.

Herstmonceux and the surrounding area were the home of traditional Sussex trug making and there are still some businesses in the area continuing the tradition. Trugs are baskets made from willow boards and oak or ash frames.

The actor Harry H. Corbett is buried in Penhurst Churchyard.
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Table 1 Key positive Landscape Attributes

- An intricate small scale landscape with a strong pattern of hedgerows.
- Wide views to the Downs from many areas.
- The source of the River Cuckmere into which most streams in the western part of the area drain.
- Many scattered small farm ponds and hammer ponds as relics of the iron industry which thrived in this area.
- A sense of tranquillity and relative remoteness away from the main settlements and roads.
- Frequent scattered small woods and shaws, many of which are Semi-Natural Ancient deciduous woodland.
- Ghyll woodlands in the many steep sided valleys which are a key characteristic of the High Weald.
- Larger areas of continuous woodland in the Great Wood complex to the east of Rushlake Green and the largest woodland block in the area to the east of Penhurst at Creep Wood.
- Many scattered small historic villages, hamlets and large farmsteads centred around a church or a pub.
- The extensive park and woodland estate at Ashburnum with lakes and vistas designed by Capability Brown.
- Heathfield Park in Old Heathfield, a Repton designed landscape.
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B Landscape Evaluation

Table 2 Current Condition

This is a largely unspoilt and tranquil rural landscape with few intrusive features. The landscape is in generally good condition and well managed as farmland with a strong historic structure. Agricultural change has led to some gentrification of the rural landscape and loss of landscape features. Ribbon development and roadside clutter has added to suburbanisation on the edges of villages. As with most of the High Weald landscape the historic field patterns of small fields and significant hedgerows remain intact.

Forces for Change impacting on positive attributes

Past / Current forces for change

• Creeping suburbanisation and cumulative changes in the rural landscape. Increasing roadside clutter and village developments which are not in sympathy with local distinctiveness or vernacular architecture.

• Urban fringe influences around Heathfield and Bexhill and widespread encroachment of 'horsiculture'.

• Extensive golf course development which are not in character with the rural landscape, especially around Horam.

• Clay extraction for bricks leaving unrestored quarries.

• Intrusive utility developments in the form of power lines, National Grid complexes and the Southern Water Complex near Ninfield.

• The spread of arable prairie areas causing the loss of historic field boundaries and landscape structure, especially around Ashburnum.

• Changes in the types and frequency of grazing animals in the countryside impacts on character as they are a characteristic feature. Lack of grazing can give an unmanaged appearance to the landscape and reduce the biodiversity value.

• Farm Environment Plans, much of the land is under Higher Level Stewardship Agreements and several farms in the valley are farmed organically.

• Intrusive modern farm buildings which are especially prominent on the ridges.
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- Loss of traditional coppicing in woodlands and increase in game shooting.
- Woodland Grant schemes are scattered across the area, notably at Ashburnum, Ponts Green, Tickerage Wood and Summertree Farm, reversing the trend of poor woodland management.
- Increasing traffic on the A roads which cross the area and the main roads along the ridges and rat running on rural lanes.

**Future Forces for Change**

- The need to provide local housing in the villages, especially the larger service centres.
- The associated infrastructure required for new development such as waste water treatment works.
- Demands for traffic calming and road improvements which could introduce increasing urban clutter to rural roads, villages and lanes.
- Continued agricultural change due to changing markets, economic pressures and response to climate change.
- The spread of small agricultural holdings, hobby farming, paddocks, farm shops and allotments for local food production.
- Pressure for locating renewable energy facilities for solar, wind and bio energy.
- Pests and diseases of trees which could impact significantly on the mature tree stock. E.g. phytophthora of alder and Ash dieback.
- Failure to control invasive species of plants and animals in water courses, such as New Zealand Pigmy Weed (*Crassula helmsii*), Parrots Feather (*Myriophyllum aquaticum*), Mink and European Marsh Frog (*Pelophylax ridibundus*). All of these impact on the native flora and fauna which are characteristic of the area.
- Water quality in the Cuckmere and Ashbourne catchments.
Table 3 Potential Impacts of Climate Change

- Potential changes in woodland / tree species composition and accelerated growth of species such as birch,
- Changes in ground flora which produce distinctive seasonal displays and other native vegetation.
- Increased prevalence of pests and diseases due to warmer weather e.g. Phytophera of Alder.
- Changes in precipitation and temperatures will change the types of crops that farmers grow.
- Potential impact on the viability of grazing sheep, dairy and beef.
- Increased temperatures and a decline in precipitation levels may dry out wetland habitats and ponds and alter stream flows.
- Changes in water levels in ditches, ponds and streams.
C  Vision and Strategy

Table 4 Vision

A tranquil landscape retaining the strong rural High Wealden historic character. The secluded ghyll valleys and associated woodland conserved and enhanced. The unspoilt character of settlements and farmsteads retained and the distinct sense of place protected. The characteristic medieval field pattern with associated shaws and hedges conserved. Areas of semi-natural ancient woodland brought into positive management to ensure long term health and security.

As noted in the current Landscape Character Guidance – A Landscape Strategy identifies “what change if any is desirable for any landscape character area as a whole?”

Landscape change and adaptation to meet the strategy requires:

1. Planning for the enhancement of the Rother, Brede and Tillingham Woods and the Pevensey, Rother and Cuckmere Watershed Biodiversity Opportunity Areas, which extend into the area.

2. Protect and manage existing woodland habitats and in particular the characteristic ghyll woodlands.

3. Protect and manage existing wetland habitats and plan for restoration of ditches and riverside vegetation to restore habitat linkages and continuity.

4. Plan for the creation of multifunctional green infrastructure to maximise the opportunities for biodiversity and recreation offered by the rural lanes, rights of way network and extensive woodland.

5. Consider the potential to plan for recreational access in this character area identifying areas where public access can be encouraged whilst protecting other areas where wildlife conservation is the priority.

6. Integrate proposed and existing development into the landscape through planting of tree features and woodland to define the village boundaries with the countryside.

7. Ensure that the design and layout of new developments respect the character and form of the landscape and existing settlements.

8. Control the spread of suburbanisation by minimising clutter of signage and other urban features in lanes and villages.

9. Conserve the setting of historic buildings and landscape features and notably the registered parklands of Ashburnum, Herstmonceux and Heathfield Park.

10. Consider appropriate species for new plantings to maintain landscape character and biodiversity but also adaptation to climate change influences.
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D Guidelines for Managing Change

Development considerations for housing and other development

Proposals need to have regard for the current High Weald Management Plan:

The main pressures for development in this character area will be to accommodate housing for the rural populations in the rural settlements of Herstmonceux, Rushlake Green and East Hoathly.

There will also be a demand for local housing in the smaller villages. Pressures for expansion of Heathfield may impact on the part of the character area which borders the town. Tourism is an important source of income to this area and there is likely to be increasing demand for accommodation in hotels, bed and breakfast, caravan and camp sites. The modern trend for luxury and exotic camping (glamping) is already appearing in the guise of teepees, tree houses and the like. There will be demand for new facilities and to improve or expand existing, some of these putting pressure on ancient woodland. Any new development should respect the key positive attributes in the landscape outlined in Table 1 above.

Proposed development should consider opportunities for proactively meeting the Landscape Change Strategy aims for this Landscape Character Area as set out in 1-10 above.
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### Table 5

<table>
<thead>
<tr>
<th>Current issues offering opportunities for protection and enhancement</th>
<th>Landscape Management Guidelines</th>
<th>Benefits delivered by Ecosystem Services for each area of interest</th>
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</thead>
<tbody>
<tr>
<td><strong>Countryside and Farmland</strong>&lt;br&gt;Farm environment plans relating to much of the farm lands including organic farming.&lt;br&gt;Pressure for farm diversification and development of hobby farms, solar arrays, wind farms, waste recycling operations etc.&lt;br&gt;Expansion of camping and caravan sites as well as other holiday related development such as ‘Glamping’.&lt;br&gt;Land falling out of positive management and dereliction of farm buildings.&lt;br&gt;Loss of hedgerows and other traditional field boundaries.&lt;br&gt;Loss of traditional orchards, pasture and traditional meadows.&lt;br&gt;Clearance of natural vegetation from drainage channels and ditches.&lt;br&gt;Low water levels and poor water quality in some drains and streams.&lt;br&gt;Deterioration of by ways and lanes due to erosion of un-surfaced routes by horses, bikes and 4 wheel drives.</td>
<td><strong>Countryside and Farmland</strong>&lt;br&gt;Encourage establishment of more farm conservation schemes to conserve the landscape structure of hedges, shaws, ponds and streams.&lt;br&gt;Conserve hedges, trees and ghyll woods. Maintain the mixed farmed character of the area.&lt;br&gt;Protect and manage historic field patterns and conserve boundary features.&lt;br&gt;Maintain water levels in drains and ditches.&lt;br&gt;Conserve and enhance byways and rural lanes. Use tree and woodland planting to screen intrusive farm buildings and caravan sites.&lt;br&gt;Enhance the biodiversity value of wet meadows, drainage and stream channels.&lt;br&gt;Plan for and manage changes which may occur in the landscape due to changes in farm management brought about by economic influences and climate change.&lt;br&gt;Address existing flooding issues of farmland and properties through flood management and by identifying areas which can provide flood alleviation.</td>
<td><strong>Provisioning services</strong>&lt;br&gt;Water availability&lt;br&gt;Food production&lt;br&gt;<strong>Regulating services</strong>&lt;br&gt;(water purification, air quality maintenance and climate regulation)&lt;br&gt;Water quality and protected aquifers.&lt;br&gt;Regulating water flow and preventing flooding&lt;br&gt;Soil conservation and erosion control&lt;br&gt;Habitat and species resilience to climate change&lt;br&gt;Carbon sequestration. Areas of peat in the river valleys, hedges, trees, reed beds and grassland regulate air quality by absorbing and retaining CO₂.</td>
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## South Slopes of the High Weald

### Current issues offering opportunities for protection and enhancement

| Damage to verges on narrow country lanes caused by increasing size of farm vehicles and passing traffic. |
| Overstocking and arable production on some soils can result in soil erosion and reduce soil quality. |

### Landscape Management Guidelines

| Reduce the risk and incidence of soil erosion by encouraging the restoration of arable land to pasture. |
| Apply best land management practices to prevent soil and fertiliser run off, thereby protecting surface and ground water. |

### Benefits delivered by Ecosystem Services for each area of interest

| Cultural Services |
| Sense of Place and local distinctiveness. |
| Source of Inspiration |
| Sense of History |
| Tranquillity |
| Biodiversity |

### Trees and Woodland

- Ancient woodland and tree belts are not in positive management.
- Ghyll woodland not in positive management and are difficult to manage due to the steep and inaccessible nature of these woods.
- Traditional management has stopped as it is not commercially viable e.g. pollarding of stream side willows.
- Tree diseases.
- Ancient parkland trees dying off and not being replaced.
- Extensive areas of woodland are already in woodland grant schemes.
- Pressure for glamping sites in woodland.
- Invasive species competing with native flora and fauna e.g. Spanish Bluebell, Himalayan balsam, Japanese knotweed.

### Trees and Woodland

- Actively manage trees and woodland through coppicing, pollarding of willows and replanting to create a diverse age structure.
- Plant new small woods, wet woodland and tree belts to strengthen the landscape character and where this is appropriate habitat creation.
- Consider the need to adapt to changes enforced by climate change, such as specific tree diseases and possible adaptation in species selection.
- Plant trees and woodland to contain existing and new built development.
- Encourage planting of trees along streams and ditches where appropriate for the habitat.

### Trees and Woodland

- Provisioning
  - Fuel (woodfuel for local communities from woodland management)
- Regulating
  - Carbon sequestration, woodland absorbs and holds CO₂.
- Cultural
  - Tranquillity
  - Sense of Place and local distinctiveness
- Biodiversity

### Provisioning

- Fuel (woodfuel for local communities from woodland management)

### Regulating

- Carbon sequestration, woodland absorbs and holds CO₂.

### Cultural

- Tranquillity
- Sense of Place and local distinctiveness

### Biodiversity
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### Current issues offering opportunities for protection and enhancement

**Other Key Habitats**
Deterioration and loss of habitats:

**Water**
- Loss of river and streamside vegetation.
- Deterioration of water quality in streams, ditches and ponds
- Invasive species of plants and animals which compete with native flora and fauna.

**Wet Meadows**
- Financial and viable farming constraints affecting the continued management of wet meadows reducing the biodiversity value.
- Improvements to Grassland and meadows reducing species richness.
- Loss of wetland meadows to arable farming.

### Landscape Management Guidelines

**Other key Habitats**
- Encourage management of river and stream channels, especially conservation of riverside trees and vegetation.
- Conservation and re-creation of wet meadow/pasture habitats.
- Agri-environment schemes to maximise biodiversity and encourage the retention of grazing.
- Encourage measures to improve water quality.
- Continue measures to encourage farmers to minimise the use of chemicals and fertilizers.

### Benefits delivered by Ecosystem Services for each area of interest

**Provisioning**
- Nature’s larder of free berries and herbs.
- Conservation of insect pollinators for pollination of crops.

**Regulating**
- Habitat and species resilience to climate change.

**Cultural**
- Appreciation of nature
- Educational value
- Biodiversity

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| **Recreation, Green Infrastructure (GI) and ANGS (glossary)**  
Pressure on bridleways and byways as multi use, including cycling and 4 wheel drives increasing erosion.  
Pressure on sensitive wetland habitats.  
Lack of funding to manage and enhance GI for improved access.  
Need for better recreational linkages and improved sustainable transport corridors.  
Extensive footpath and bridleway network  
Need for improved access to natural green space for all users both close to homes and in the wider countryside.  
Gentrification  
Loss of tranquillity due to more cars and access. | **Recreation, Green Infrastructure and ANGS**  
Where appropriate develop Green Infrastructure Strategies based on a county wide GI mapping.  
Plan for and manage recreational pressure on the countryside which could be affected by the increase in population in Hailsham as well as the seasonal holiday makers.  
Maximise opportunities for access away from sensitive habitats.  
Maximise opportunities provided by the coast for access and recreation.  
Consider opportunities to create new green corridors and improve existing as safe ideally motorised traffic free recreational routes.  
Maximise opportunities for and manage water based recreational activities. | **Provisioning**  
Protected farmland  
**Regulating**  
Habitat and species resilience to climate change  
Water quality and protected aquifers.  
Regulating water flow and preventing flooding  
**Cultural**  
Recreation  
Heritage assets and cultural heritage  
**Inspirational**  
Tranquility  
Biodiversity  
**Carbon sequestration** |
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| **Horse Keeping (‘horsiculture’) and small holdings**  
Deterioration of the character and quality of the landscape and loss of local distinctiveness.  
Can detract from historic field pattern where fences replace hedges.  
Can cause soil erosion. | **Horse Keeping (‘horsiculture’) and small holdings**  
Enhance the condition of areas of horsiculture and small holdings through the restoration of an intact, well managed hedgerow or ditch network and retaining a diverse grass sward by preventing overgrazing.  
Encourage local food production and allotment provision in areas where this will not detract from local landscape character. | **Provisioning**  
Grazing  
Food production  
**Regulating**  
Habitat and species resilience to climate change  
**Cultural**  
Recreation  
Heritage assets  
Sense of Place and local distinctiveness  
Biodiversity |
| **The character of the villages**  
Gentrification  
Urbanisation  
Development pressures  
Gradual loss and deterioration of Heritage features.  
Fast traffic on rural lanes  
Visitor pressure and cars detracting from local character and distinctiveness of the area in general. | **Protect and Enhance the character of the villages**  
Encourage the production of Neighbourhood Plans which incorporate village design guides.  
Plan for new development in the villages to ensure it is designed to a high standard to reflect local character and sense of place.  
Establish defined development edges to villages with new tree planting.  
Prepare village design guides and tree conservation plans.  
Consider traffic management on rural lanes. | **Provisioning**  
Local amenities and facilities.  
**Regulating**  
Use of sustainable materials  
Habitat and species resilience to climate change  
Water quality and protected aquifers.  
Regulating water flow and preventing flooding  
**Cultural**  
Sense of Place and local distinctiveness  
Heritage assets  
Biodiversity |
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<td>Flood management and SUDS schemes? Flash floods and run off.</td>
<td>Flood management and SUDS schemes? Plan for flood management by conserving and enhancing the flood plains and managing water levels in ditches and drains. Encourage the design of sensitive flood defence schemes which conserve and enhance the landscape and habitats Conserve and enhance existing man made and natural drainage features. Maximise opportunities for the creation of SUDs schemes which contribute to local amenity and habitat creation.</td>
<td>Provisioning Water conservation Regulating Flood control Protection of aquifers Cultural Heritage assets Sense of Place and local distinctiveness Tranquillity Amenity and recreation Biodiversity</td>
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Glossary
(also refer to the full version in the County Landscape Assessment).

**ANGS:** Accessible Natural Green Space  Natural England – Accessible Natural Greenspace Standard (ANGSt)

**Assart:** Field created from the clearance of woodland

**Clunch Barn:** constructed of a building material composed of hardened clay or chalk marl.

**Ecosystem Services:** The services provided by nature which support living systems and can be evaluated.

**Enclosure:** The separation of land from the common by fence or private use.

**GI or Green Infrastructure:** Multifunctional green areas which provide areas for recreation, wildlife, water supply catchment, flood relief, food or timber production.

**Glamping:** New types of camp sites with permanent tent features in yurts, teepees, vintage caravans, timber pods etc. Woodlands are popular locations for these.

**Local Nature Reserve:** Local Nature Reserve (or LNR) is a statutory designation made under Section 21 of the National Parks and Access to the Countryside Act 1949, and amended by Schedule 11 of the Natural Environment and Rural Communities Act 2006, by principal local authorities.

**Ramsar sites** are wetlands of international importance for biodiversity designated under the Ramsar Convention.

**SNCI or Local Site:** a Site of Nature Conservation Importance.

**SSSI:** A national designation for Site of Special Scientific Interest, these may be of biodiversity or geological significance or both.