



North York Moors
National Park

Moor to Restore – Discovery Phase

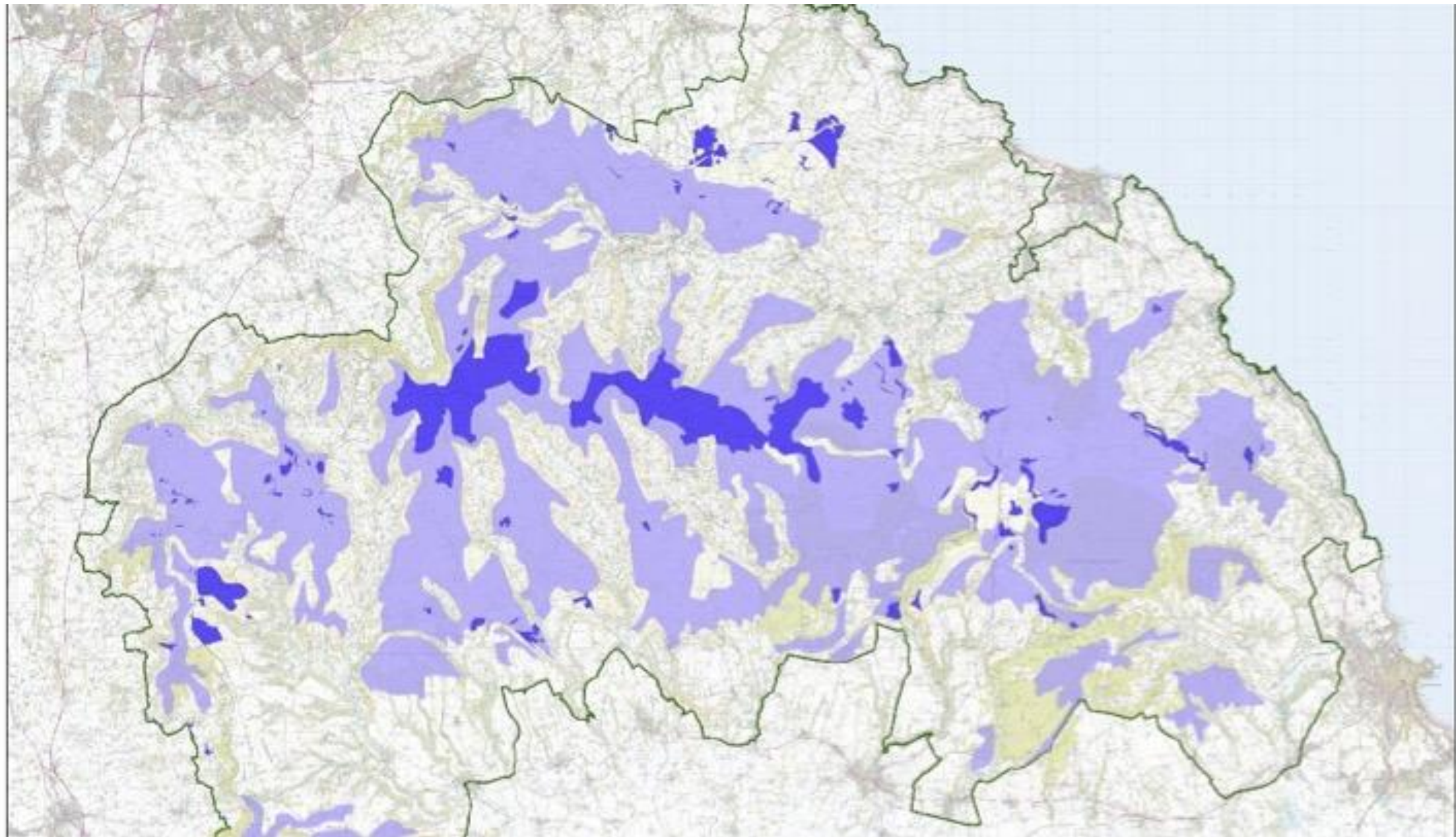
Moor to Restore

The Discovery Phase

- Nature for Climate Peatland Discovery Grant.
- Total award of £252,014
- 15th December 2021 to 31st March 2023
- Additional £31,684.85 awarded
- Project extended to 31st August 2023

Across the UK, peat holds 3 times as much CO₂ as all trees





AGRICULTURAL SCIENCE



Land Drainage

Project Successes

- Successful application for £1.2 million from NE for peat restoration.
- £0.4 million match funding from s106
- 1100 ha of deep peat to be restored
- First tender to be issued this week.





INTERNATIONAL DARK-SKY ASSOCIATION



North York Moors
National Park

Protecting our Dark Skies

The journey to becoming an International Dark Sky Reserve and beyond...

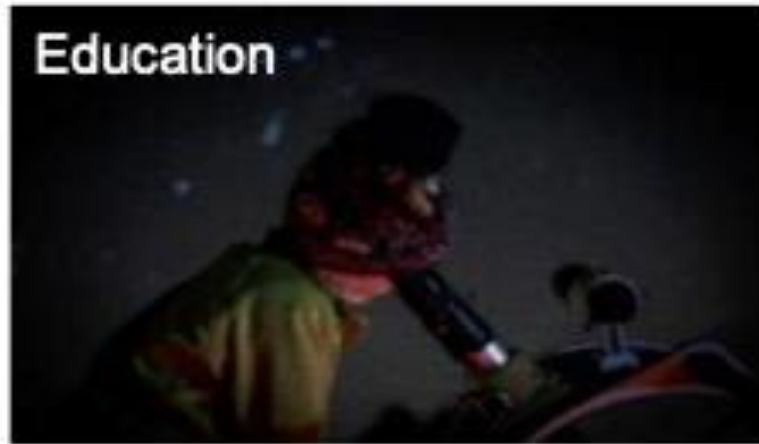
Credit Russ Norman Photography

Why are Dark Skies important?

Culture & Mindfulness



Education



Wildlife



Rural Economy



Energy Usage



Human Health



Why are Dark Skies important?

We need to talk about ALAN

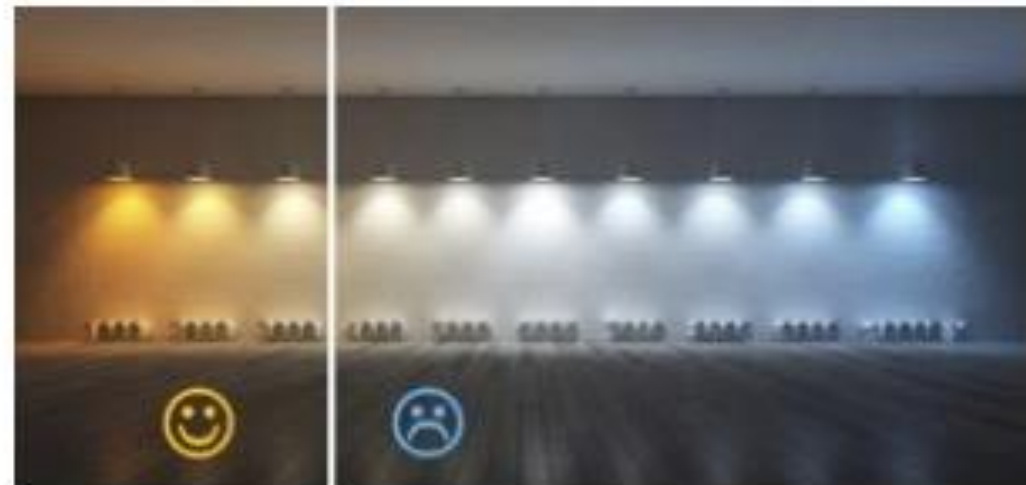
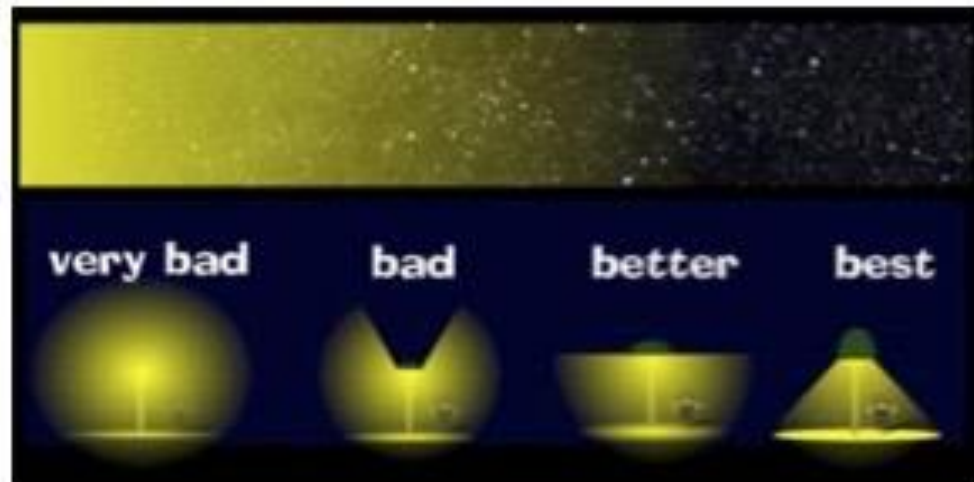
- ✦ c500M years ago 'eyes' in our aquatic ancestors adapt to see in low light
- ✦ c400K years ago early humans learn to control fire
- ✦ c400BC Romans use oil lamps to light their streets
- ✦ 19th century London sees its first gas lit street
- ✦ 20th century sees electric lamps widely used
- ✦ 21st century sees the spread of LED lighting
- ✦ Wildlife has existed with natural light for millions of years
- ✦ Widespread electric lighting has existed for around 150 years
- ✦ In the 1950s <50% of the country was affected by skyglow
- ✦ Today 85% live in an area where you can't see the Milky Way

International Dark Sky Reserve

The journey: Help, inform and educate



Develop key messages to help reduce poorly targeted obtrusive lighting



International Dark Sky Reserve

Demonstration projects (visitor centre)



International Dark Sky Reserve

The journey: Has only just started....

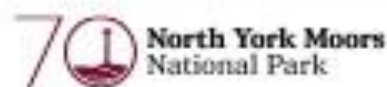
Help prevent this...



Credit Richard Darn

International Dark Sky Reserve

The journey: Has only just started....



Help protect this...

For culture

For education

For the rural economy

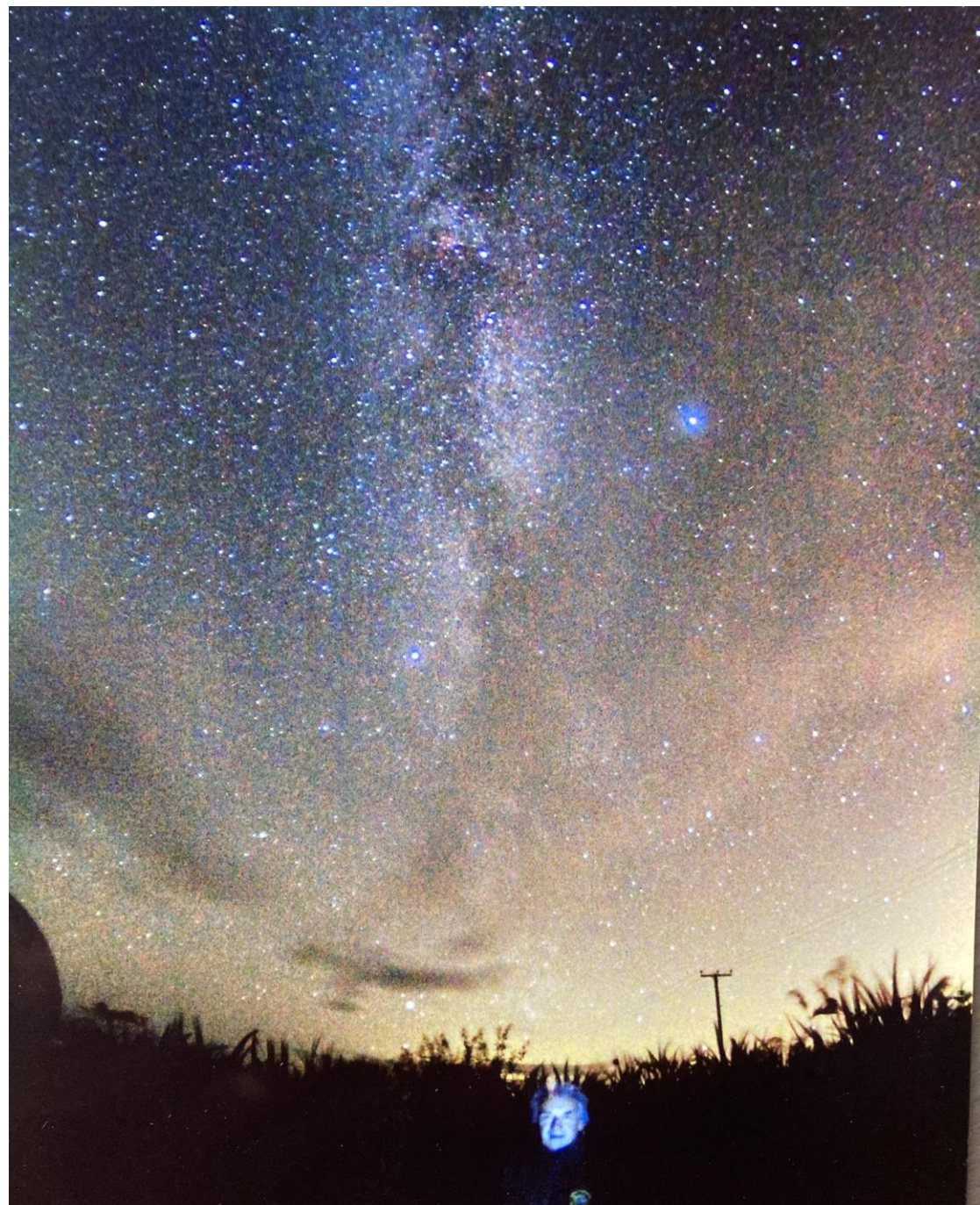
For nature

For human health

For the climate and ££££



Credit Steve Bell



Milky Way from Mull of Galloway, Aug.28, 2019

Danby Lodge Astronomy Event, 23 April, 1983

Sky watch at Danby Lodge

The rings of Saturn in close-up and craters in the moon's surfaces were seen through telescopes by members of the public who joined John Mcque, of Cleveland Astronomical Society, in an exploration into the "Mysteries of the Universe" at Danby Lodge Visitor Centre. Eighty people heard explanations about the mysteries of the Star of Bethlehem, the Catastrophe of Tunguska, and the legendary planet Vulcan, before going outside to the 10 waiting telescopes brought by the society.

A planetarium show was given by Mr Mcque so that everyone knew what stars to look for. Coffee and hot-dogs were served.

Other events at Danby Lodge this season include: May-pole Dancing, and during August there will be a search and rescue display, a rural sports day, an orienteering treasure hunt, and a folk song and dance day. Information on these and the full lecture programme can be obtained from Danby Lodge, Danby (tel Castleton 654).

