

## Programme of events: July to September 2022

### For use by BNSS members only

JULY			
All Members are very welcome to visit our premises at 39 Christchurch Road, any Tuesday between 10.00am - 4.00pm.			
Sunday 3 <sup>rd</sup> July 10.30am	Field Meeting	Town Common Ponds SZ136975	Leaders: Mark Spencer Andrew Brown
	Park cars south of Avon Causeway. Objective to observe and record Dragonflies, Damselflies and other insects at site and around ponds.		
Tuesday 5 <sup>th</sup> July 7:30pm	Zoom Meeting	Monitoring Clean Air, Bats and Bees Speaker: Gary Barnett	Chairman: Margaret Ross
	The challenges of measuring and understanding Air Quality, focusing on environmental monitoring, will be discussed. The problems and the need for solutions, not only on a local but a global basis, will be considered, in addition to the impact on wildlife, especially Bats and Bees. Gary Barnett is the Chief Technology Officer of Huler Group Ltd., Gary is a widely recognised expert in the Internet of Things, distributed computing, and application development, and is a Fellow of the Royal Society of the Arts.		
Saturday 9 <sup>th</sup> July 10.00am-12.30pm	Young Explorers	Flight	Leader: Steve Limburn
	From insects and birds to aeroplanes. Find out more about how they are able to fly.		
Saturday 9 <sup>th</sup> July 2:30pm	In-house / Zoom	Bournemouth and Flight Speaker: John Smith	Chairman: Steve Limburn
	John is one of our regular speakers.		
Sunday 10 <sup>th</sup> July 10.30am-3.30pm	Field Meeting	Martin Down Nature Reserve Map Ref: SU 037201.	Leader: Mark Spencer
	Objective: To find and observe mid summer flowers and target species Dark Green Fritillary, and Scarlet Tiger Moth. We will meet in the car park off the A354 Salisbury to Blandford road. Our walk over the site will be fairly flat, though be aware of loose stones on paths. We will walk the Chalk Downland side of the site first, returning to the cars for lunch (13.00hrs.) then those that wish to continue, will cross the road to the Vernditch side, where the site is mostly a Woodland habitat for the afternoon session, which should end back at the vehicles by about 15.30Hrs. Stout walking boots (not wellingtons!) a walking stick if required, food and drink if staying for lunch ( water definitely). Camera, binoculars and a good pocket lens if you have one. <b>N.B. - NO BUTTERFLY NETS ARE ALLOWED ON THIS SITE, UNLESS WITH PERMIT</b>		
Monday 11 <sup>th</sup> July	Trustee meeting		
Tuesday 12 <sup>th</sup> July 7:30pm	Zoom Meeting	Watching Space Dust Speaker: Simon Holbeche	Leader: James Fradgley
	Where do meteors come from? Do you have to get cold to count them or has the 21st century a solution for amateurs? Simon has been an amateur astronomer since he was 9 years old. Simon kicked-off the rebirth of Bath Astronomers in 2019 and is now Chair and runs its outreach with schools, young people's groups and the Herschel Museum of Astronomy.		
Wednesday 13 <sup>th</sup> July 10.30am	Botany Meeting	Ham Common Poole	Leader Charlie Light:
	Meet at SY 975 908. Reserve car park Look for high summer wildflowers at interesting site on the edge of Poole Harbour		
Tuesday 19 <sup>th</sup> July 7.30pm	Zoom Meeting	Marine Mammals and Anthropogenic Impacts Speaker: Dr Sarah Marley	Leader: Mary Thornton
	Dr Sarah Marley is a researcher and lecturer in Ecology at Scotland's Rural College in Aberdeen. She has been looking at shipping patterns in the North East Atlantic and different populations of cetaceans that are affected here and in other parts of our oceans.		
Tuesday 26 <sup>th</sup> July 7.30pm	In-house / Zoom	Bournemouth in Bloom Speaker: Jane Kelly	Leader: Margaret Ross

AUGUST			
During August, the BNSS building will be open to Members and Visitors, Monday, Tuesday & Saturday 10.00-4.00pm			
Tuesday 2 <sup>nd</sup> August 7.30pm	<b>Zoom Meeting</b>	<b>Birding in Morocco</b> <i>Speaker: Richard Bashford</i>	<i>Leader:</i> James Dovey
	Richard Bashford from Naturetrek gives us a talk about birding in Morocco. Other wildlife is included! From the Cream-coloured Coursers of the southern deserts and oases to the warblers and eagles of the High Atlas Mountains – Morocco's strikingly different habitats offer an array of beautiful bird life.		
Wednesday 3 <sup>rd</sup> August 10.30am	<b>Botany Field Meeting</b>	<b>Wareham Water Meadows</b>	<i>Leader:</i> Charlie Light:
	Meet at SY 920 874 Streche Road Car Park Look for late summer wildflowers in water meadow we have not visited for a number of years.		
Saturday 6 <sup>th</sup> August			
Monday 8 <sup>th</sup> August	<b>Trustee Meeting</b>		
Tuesday 9 <sup>th</sup> August 7.30pm	<b>Zoom meeting</b>	<b>Medical Detection Dogs</b> <i>Speaker: TBA</i>	<i>Leader:</i> Robin Hewitt
	Medical Detection Dogs trains dogs to detect the odour of human diseases such as different types of cancer, Parkinson's disease, malaria, bacterial infections and Covid. A recent study proved the dogs are up to 94% accurate at detecting Covid. The use of these trained detection dogs to identify Covid-19 at ports of entry, and other locations, could be beneficial in the continuing fight against the pandemic. The charity also trains medical alert assistance dogs, that are partnered with individuals who have no awareness of impending life-threatening medical events such as seizures, anaphylactic shock and diabetic hypoglycaemia. By preventing the onset of full medical emergencies, the dogs reduce the number of paramedic call outs and hospitalisations, saving the NHS thousands of pounds.		
Saturday 13 <sup>th</sup> August 10.00am-12.30pm	<b>Young Explorers</b>	<b>Local Heathland</b>	<i>Leader: Steve Limburn</i>
	An endangered habitat. Find out about the creatures that live there and how we can help protect them.		
Saturday 13 <sup>th</sup> August 2.30pm	<b>In-house</b>	<b>Summer Mini Beasts on our Heathlands</b> <i>Speaker: Mark Spencer</i>	<i>Leader: Steve Limburn</i>
	A look at local spiders, insects and reptiles to be found on our heaths.		
Tuesday 16 <sup>th</sup> August 7.30pm	<b>Zoom Meeting</b>	<b>Using Virtual Reality to reduce pain and aid rehabilitation</b>	<i>Leader:</i> Margaret Ross
	Virtual Reality is generally viewed as a technology only for entertainment purposes, but in recent times it has shown incredible potential in the area of healthcare. There has been previous research into how effective it is with pain distraction. <b>Ivan Phelan</b> , Director of the Impact VR Lab, Sheffield Hallam University has been exploring how the new advancements in VR hardware and development tools can produce innovative healthcare interventions. This talk will discuss work that spans a wide area from <b>pain distraction, upper and lower limb rehabilitation, assisting stroke victims and prosthetic training systems</b> , addressing the high rejection rates of the artificial limbs.		
Tuesday 23 <sup>rd</sup> August 7.30pm	<b>Zoom</b>	<b>Historic Observations of Mars</b> <i>Speaker: David Strange</i>	<i>Leader:</i> James Fradgley
	David is Chairman of the Norman Lockyer Observatory near Sidmouth. Before that, he had an observatory near Worth Matravers and was a very active local astronomer. This talk looks at the varied interpretations historical observers have put on their observations.		
Tuesday 30 <sup>th</sup> August		NO LECTURE	

	SEPTEMBER		
All members are welcome to visit the premises at 39 Christchurch Road, any Tuesday 10.00-4.00pm			
Tuesday 6 <sup>th</sup> September 7.30pm	In-house / Zoom	TBA	Leader: Margaret Ross
Wednesday 7 <sup>th</sup> September 10.30am	Botany Field Meeting	Moyles Court	Leader: Charlie Light:
	SU 162 085    Meet in front of school SU 162 084 Parking on road near school. Additional parking nearby at SU 164 082. Look for early autumn flowers on the edge of the New Forest.		
Saturday 10 <sup>th</sup> September 10.00am-12.30pm	Young Explorers	Flowering Plants	Leader: <b>Steve Limburn</b>
	Following on from pollination, we look at seeds, dispersal, and germination.		
Saturday 10 <sup>th</sup> September 2.30pm	In-house / Zoom	A Subantarctic Experience Prince Edward Island <i>speaker:</i> <b>Neil Gartshore</b>	Leader: James Dovey
	A Sub-Antarctic Experience: the Prince Edward Islands..... Between Antarctica and Africa are the Prince Edward Islands. In1986 and 1987, Neil was employed by the Percy Fitzpatrick Institute for African Ornithology, through the University of Cape Town, as a field research assistant. On this SA possession he collected data on petrels, skuas and albatrosses. The talk looks at the island's history, its wildlife and the work Neil engaged in.		
Monday 12 <sup>th</sup> September	Trustee meeting		
Tuesday 13 <sup>th</sup> September 7.30pm	Zoom meeting	Chalk Streams ‘England’s equivalent of rainforests’. <i>Speaker:</i> <b>Philip Teasdale</b>	Leader: James Dovey
	England’s (estimated to be 85% of the world’s total) rare and valuable chalk streams face significant challenges. Their ecosystems are the result of a particular combination of geology, rich aquatic biodiversity and past management activities. Highlighting its unique character, environmental scientist, Dr Phil Teasdale, will tell you all about the upper River Allen in NE Dorset – its restoration, conservation and management.		
Wednesday 14 <sup>th</sup> September	DAHW Tour of Building	There will be two tours of the building, 11.00am and 2.00pm to look at the architecture and Lantern conservation	Leader: Colin Lord
Saturday 17 <sup>th</sup> September 2.30pm	In-house only	Big Cats <i>Speaker:</i> <b>Jonathan McGowan</b>	Leader: Jonathan McGowan
	A look at new evidence supported by hair analysis and camera shots.		
Tuesday 20 <sup>th</sup> September 7.30pm	TBC	Please check our website nearer the date www.bnss.org.uk	Leader:
Tuesday 27 <sup>th</sup> September 7.30pm	In-house / Zoom	Assembly / Quiz	Andy Davis / Bob Mizon