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## SEPTEMBER 2022

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### 1<sup>st</sup> Thursday 2.30pm **ALL ABOUT PLANTS. PART 5.**

Seán Karley will start a series of talks about The Plant Kingdom. He will try to cover all aspects of Botany. (well, many of them!) Not sure how many meetings this will take! **BOT**

### 4<sup>th</sup> Sunday 2.30pm **IS THE AMAZON RAIN FOREST ALREADY DOOMED?**

A quick look at the latest research, predictions, and the reality on the ground. This meeting will be held in the Humfrey rooms, guest welcome. **MET**

### 5<sup>th</sup> Monday 11.00am – 1.00pm **CURATION GROUP.**

We meet fortnightly to work on the Society's Collections, cleaning and sorting them and making databases to facilitate use of them. No previous experience needed, all are welcome. Come and have real "hands-on" pleasure with some fascinating objects.

### 6<sup>th</sup> Tuesday 7.30pm **NEGRETTI AND ZAMBRA**

A presentation by society President Mike Longman in memory of recently deceased member, Roger Warren. Detailing two of the greatest photographers and scientific instrument makers of the Victorian Age. Followed by **LEEUWENHOEK AND HIS MICROSCOPES**, a short presentation by Mike Gibson. **MIC**

### 7<sup>th</sup> Wednesday 10.30am – 3.30pm **LEEUWENHOEK DAY**

– in association with BBC Radio Northampton. A special drop in all-day event, celebrating the life and work of Antonie van Leeuwenhoek. There will be short videos, exhibitions and opportunities to use microscopes to explore the hidden world around us. This is a free event open to all members, friends and visitors to the Humfrey Rooms. **MIC**

### 7<sup>th</sup> Wednesday 8.00pm.

We will view the photographs we took on the 2022 summer practical night. Also, any photos taken during the summer break that members wish to show and introduce this year's Northamptonshire photo topic. **PHO**

### 12<sup>th</sup> Monday 7.30pm **HOW TO MEASURE ORBITS**

by Jane Clark PhD Physics 1981. Measure solar system objects and their Movements for yourself. Asteroids and planets follow predictable paths where orbital parameters can be used to predict future possible collisions, a bit of maths might be needed, guests welcome. **AST**

### 14<sup>th</sup> Wednesday 8.00pm **TRACEY LUND WILDLIFE PHOTOGRAPHY PART 3**

Following on from parts 1 & 2 Tracey will give us a showcase of images from her tour around the Falkland Islands with some stories and experiences along the way. Tracey will be presenting by Zoom, but there will also be an opportunity to participate in the meeting in the Humfrey Rooms as normal. **PHO**

### 15<sup>th</sup> Thursday 2.30pm **THE MAP THAT AMAZED THE WORLD!**

Sue Barker will introduce us to the oceanographers and geologists including the under-recognized Marie Tharp who mapped the deep oceans providing the base map onto which plates and oceanic ridges were plotted. **GEO**

### 19<sup>th</sup> Monday 11.00am – 1.00pm **CURATION GROUP.**

Please see entry for 5<sup>th</sup> September for details for this meeting.

### 21<sup>st</sup> Wednesday 8.00pm **UNDERWOOD CUP**

A competition for members to submit pictorial images on any subject. Up to three projected images allowed per member per round. Round 1 of 3. **PHO**

### 26<sup>th</sup> Monday 7.30pm **DATA MINING THE SUPERWASP VARIABLE STAR ZOO**

by Prof Andrew Norton of the Open University. A talk suitable for astronomical societies with more experienced members, or more technical audiences, giving a taste of current research projects using an all-sky stellar photometry archive. Live in Humfrey Rooms. **AST**

### 27<sup>th</sup> Tuesday 11:00 am. **GREAT BIG GREEN WEEK**

Elizabeth Sharpe, a hydrogeologist and member of CIWEM. will talk about the Challenges that Climate Change poses to our water resources nationally and globally. What can we do to make a difference? This talk is an update on the talk given to the Society by Elizabeth in October 2021. It will be on Zoom and is hosted by Climate Action West Northamptonshire, links will be provided on their Facebook page. We will be joining in from the Humfrey Rooms. **MET**

### 28<sup>th</sup> Wednesday 8.00pm **SET SUBJECT COMPETITION**

A themed competition for up to three digital and/or print images per member per round. Entries in this round to illustrate "STRAIGHT OUT OF THE CAMERA". Round 1 of 4 **PHO**

### 29<sup>th</sup> Thursday 2.30pm

The subject for this meeting will be decided by attendees at the previous meeting. **ARC/HIST - ZOO**

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## OCTOBER 2022

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### 2<sup>nd</sup> Sunday 2.30pm **HOW NORTHAMPTONSHIRE'S WEATHER HAS CHANGED.**

As part of the Great Big Green Week we will look at changes in our weather over the last 150 years as recorded by the members of the Northamptonshire Natural History Society in their gardens both great and small. This meeting will be held in the Humfrey rooms. **MET**

### 3<sup>rd</sup> Monday 11.00am – 1.00pm **CURATION GROUP.**

Please see entry for 5<sup>th</sup> September for details for this meeting.

### 4<sup>th</sup> Tuesday 7.30pm **A VICTORIAN SLIDE EVENING**

Including a rare opportunity to use some of our Victorian microscopes and examine a variety of slides from the NNHS's extensive collection of microscope slides on a vast range of subjects. All welcome. **MIC**

### 5<sup>th</sup> Wednesday 8.00pm **THE SELECTION OF IMAGES**

During the next couple of months we will be entering a number of local inter-club competitions. Tonight we will review recent members' competition entries and select a number of them to enter. A good opportunity to see a selection of our members' recent work. **PHO**

### 6<sup>th</sup> Thursday 2.30pm **ALL ABOUT PLANTS. PART 6.**

Seán Karley is running a series of talks about The Plant Kingdom. He will try to cover all aspects of Botany over the coming months. (well, many of them!). **BOT**

### 10<sup>th</sup> Monday 7.30pm **THE "ACTIVE" ICE MOON ENCELADUS, IS LIFE A POSSIBILITY?**

by Dr Rachel Hamp of the Open University. Rachael is a chemist originally and her PhD was on determining geochemical cycles in Enceladus' subsurface using modelling and simulations. Rachel is currently working on a post doctorate on making extra-terrestrial ices. **AST**

### 12<sup>th</sup> Wednesday 8.00pm **SANDS OF TIME**

by James Kerwin. James's talk was postponed from January. Throughout 2019, James visited three ghost towns that were left abandoned in the desert, Kolmanskop, Elizabeth Bay, Al Madam - in this talk we look at the challenges he faced along the path to capturing beautiful shots. Presented by Zoom but meeting also in Humfrey Rooms, guests welcome. **PHO**

### 13<sup>th</sup> Thursday 2.30pm **THE HUMFREYS OF THORPE MANDEVILLE**

Recorded highlights of the 2019 Humfrey Lecture - as presented by David Humfrey - son of Dr Stuart and Mrs Lysbeth Humfrey, who gifted the Humfrey Rooms to the Natural History Society in 1957. **GEN**

### 17<sup>th</sup> Monday 11.00am – 1.00pm **CURATION GROUP.**

Please see entry for 5<sup>th</sup> September for details for this meeting.

### 19<sup>th</sup> Wednesday 8.00pm **MCPF PORTFOLIO OF DIGITAL IMAGES**

The MCPF Travelling Portfolio includes the award-winning entries and a selection of the best entries of the 2022 Midland Counties Photographic Federation Photofolio Exhibition. This is a chance to see these images locally without having to travel to the original exhibition. **PHO**

### 20<sup>th</sup> Thursday 2.30pm **THE USE OF 3D MAPS AND DRONES IN GEOLOGY**

Modern computer techniques have revolutionised geological mapping in the past twenty years. Bob Purser will introduce how drone photography has been used and how 3D maps provide new opportunities for the way in which we see our world. **GEO**

### 26<sup>th</sup> Wednesday 8.00pm **CORNWALL CUP**

A competition for members to submit natural history photos, as per PAGB rules 2018. Up to three projected images per member per round allowed. Round 1 of 3. **PHO**

### 27<sup>th</sup> Thursday 2.30pm

The subject for this meeting will be decided by attendees at the previous meeting. **ARC/HIST - ZOO**

### 31<sup>st</sup> Monday 11.00am – 1.00pm **CURATION GROUP.**

Please see entry for 5<sup>th</sup> September for details for this meeting.

### 31<sup>st</sup> Monday 7.30pm **TELESCOPIC TOPICS**

A meeting comprising member contributions on various astronomy themes. Your chance to show the section observations you have made, equipment you are using or anything else that has interested you enough to share it with the section. If you have a special interest and would like to participate as a speaker please let the secretary know beforehand. Visitors and guests welcome. **AST**