
JANUARY 2023

3rd Tuesday 7.30pm FIBRES (PLANT & ANIMAL) introduced by Mike Asquith. In this session we will look at the structure and optical properties of a range of fibres, both plant and animal. Fibres are remarkably different when looked at under the microscope, showing different structures and optical properties depending on their source. If you can use your microscope with polarisation please bring it. Or use one of our microscopes at the meeting. **MIC**

4th 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 2 of 3. **PHO**

5th Thursday 2.30pm ALL ABOUT PLANTS. PART 9. PLANT ABNORMALITIES Seán Karley will continue his 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**

8th Sunday 2.00pm THE WEATHER OF 2022. We will look at last year's weather and notable events and their possible indications of future trends. Meeting in the Humfrey Rooms unless Covid restrictions prevent. See Society Facebook page and notice board in Rooms for any updates. **MET**

9th 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.

9th Monday 7.30pm VARIABLE STARS by Gary Poyner, who was the director of the BAA Variable Star Section, and Variable Star editor for 'The Astronomer' magazine. Variable stars, observing them, what can light curves tell us about the processes going on in the central inferno. Guests are very welcome to any of our meetings. **AST**

11th Wednesday 8.00pm "MOUNTAINS, MUSIC & MIRTH" by Paul Bates. Paul will show us his AV sequences featuring mountain landscapes in the UK & Europe together with AVs of European cities some humorous AVs all set to some interesting music. Lecture by zoom, but visitors may join us in the Humfrey Rooms. **PHO**

12th Thursday 2.30pm Meeting subject to be advised. **GEN**

17th Tuesday 7.30pm USES OF THE STEREO MICROSCOPE. Introduced by Mike Gibson. After a brief introduction, we will use various low-power scopes to look at a range of both familiar and unfamiliar objects. For those with cameras and suitable attachments this session will also provide an opportunity to use their skills in producing photographic images. Feel free to bring everyday samples to study. A perfect evening to join us if you are new/interested in microscopy. **MIC**

18th Wednesday 8.00pm PRINT COMPETITIONS (2 OF 3) Prints: Monochrome General, Monochrome Portrait (Vic Seaton Cup), Colour Print (Jubilee Cup), Digital Art (print) Up to 3 entries/member per round for each of the four competitions. **PHO**

19th Thursday 2.30pm THE CHALK GEOLOGY OF JAMAICA by Beeby Thompson. Beeby visited the Cockpit Country of Jamaica over a century ago; here we will watch a Geological Association lecture by Prof Simon Mitchell of Kingston University comparing the Upper Cretaceous of Flamborough Head with the white limestones of Jamaica. **GEO**

23rd 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.

25th Wednesday 8.00pm RICHARD O'BRIEN "ARCHITECTURE ; EXPOSURE TO EDIT". A talk on shooting internal & external architecture covering gear, tricks and thought processes, all from the point of view of an amateur photographer. Also includes a demonstration of editing techniques using a combination of Lightroom Classic and Photoshop CC. By zoom **PHO**

26th Thursday 2.30pm The subject for this meeting will be decided by attendees at the previous meeting. **ARC/HIST – ZOO**

30th Monday 7.30pm AN IMAGINARY JOURNEY INTO THE CENTRE OF THE SUN by Prof Nick Evans. Nick is a theoretical physicist at Southampton University. Taking an imaginary journey into the centre of the sun ending up looking at the fusion reactions in detail that might amuse us all. Guests Welcome to join us. **AST**

FEBRUARY 2023

1st 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 3 of 3 **PHO**

2nd Thursday 2.30pm BOTANY SECTION AGM Then those present will pick a presentation on a plant family from a selection of themed presentations created by Seán Karley. **BOT**

5th Sunday 2.00pm HOW IS THE WORLD CHANGING? We will look at the effects of climate change that have already been felt here in the UK and elsewhere in the World. In Humfrey Rooms unless Covid restrictions prevent. **MET**

6th 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.

7th Tuesday 7.30pm STACKING & STITCHING IMAGES. by Mike Asquith. Mike will demonstrate popular stacking and stitching software currently available to purchase or free. Some of these were designed for other disciplines but work equally well with microscope images. With a chance for some hands-on practice and to learn some useful techniques. **MIC**

8th 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 'Metal' Round 2 of 4 **PHO**

9th Thursday 2.30pm Meeting subject to be advised. **GEN**

13th Monday 7.30pm LIFE IN THE UNIVERSE by James Fradgley. James is the Chairman of the Weymouth Astronomy Club, Vice-chairman of Wessex AS and Chairman of the Bournemouth Natural Science Society Astronomy section. Are the aliens really there? Astronomical & evolutionary factors for assessing the probability of there being complex life "out there". Guests Welcome **AST**

15th Wednesday 8.00pm "MY PASSION FOR WILDLIFE PHOTOGRAPHY" by Kevin John Pigney. An intimate look at Kevin's wildlife photography both locally in East Anglia & throughout the UK. He will show us his favourite images and discuss his project management, fieldcraft, equipment/techniques and recommend locations. By zoom but visitors are welcome to join us in the Humfrey Rooms to view. **PHO**

16th Thursday 2.30pm SECTION AGM & FILM The Geology Section will hold a short AGM, followed by a film from the Society's geological collection. **GEO**

20th 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.

21st Tuesday 7.30pm BEETLES by Tim Newton. Tim is a nationally renowned expert on Beetles and is a fun and friendly source of great knowledge. He will lead a session on the very varied world of beetles. If you wish have help to identifying a beetle please bring along an image. **MIC**

22nd Wednesday 8.00pm PHOTOGRAPHIC SECTION AGM Come along and hear how the section has been doing, elect our office bearers, and have a say in how the photographic section and its competitions are run. This is the place to put forward your ideas for the section's future direction. **PHO**

23rd Thursday 2.30pm The subject for this meeting will be decided by attendees at the previous meeting. **ARC/HIST – ZOO**

27th Monday 7.30pm SATURN by Mike Foulkes, Director of the Saturn Section of the British Astronomical Association. A close look at this spectacular planet with its rings and numerous moons It is a favourite target through the eye piece for every observer new or experienced. Guests are welcome to all our meetings. **AST**