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## MARCH 2020

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**2<sup>nd</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 is needed, all are welcome to help. Come and have real "hands-on" pleasure with some fascinating objects. We are currently working on our collection of Shells. **MIC**

**3<sup>rd</sup> Tuesday 7:30pm THE STRUCTURE OF WOOD PART I.** Detailing the use of simple but effective Nail Varnish Replica on Wood by Mike Asquith. We've used this technique of painting the subject with clear nail varnish successfully on leaves; now let's try it on other subjects, e.g. studying the structure of wood. **MIC**

**4<sup>th</sup> Wednesday 8.00pm SIGMA LENSES + CHOOSING COMP PHOTOS** A recorded presentation from Sigma designed for camera clubs. It includes a look around Sigma's factory in Japan showing the stages of lens design and manufacture as well as some of Sigma's products. Plus we will choose photos for the upcoming 'Photo Matching' competition with Northampton Camera Club. Members are welcome to bring along for consideration any images not entered in our competitions. **PHO**

**5<sup>th</sup> Thursday 2.30pm AGM OF THE BOTANY SECTION.** This will be followed by a Session of Bring and Show/Ask/Tell. Please bring anything Botanical you would like to Talk or Ask about, or just share. **BOT**

**7<sup>th</sup> Saturday.** The interesting market town of **RUGBY** is today's destination. Bus SC 96 10.40am. Lunch is available in the town. **SW**

**7<sup>th</sup> Saturday 11.00am WEATHER AND CLIMATE SECTION AGM.** We will then look at recent events in Australia and their causes followed by weather currently in the news around the world. **MET**

**9<sup>th</sup> Monday 11.00am-1.00pm WEATHER SECTION WORKING GROUP.** We will be carrying out maintenance to the weather and particle recording equipment as well as updating our records. **MET**

**9<sup>th</sup> Monday 7.30pm SPECTROSCOPY FOR THE AMATEUR** by Robin Leadbeater. How can this branch of Astronomy be performed and what equipment do we need? Robin from Three Hills Observatory is a known expert in this field. Guests are very welcome. **AST**

**10<sup>th</sup> Tuesday 7:30pm SHIELDS, DAMSELS AND LACE.** An introduction to the land based Hemiptera or True Bugs by Bob Gill. A talk arranged by the Northamptonshire Biodiversity Records Centre with NNHS support. **MIC**

**11<sup>th</sup> Wednesday 10.30am - 2.30pm OPEN HOUSE** The Humfrey rooms will be open for members and guests to chat and study the literature, samples and exhibits. Tea and coffee available. **MIC**

**11<sup>th</sup> Wednesday 2.30pm NORTH WEST HIGHLANDS (PART 2)** Cyril Sampson will give the second part of his presentation about his and Jan's trip to Scotland. This time taking us from Ullapool all the way to Durness at the very top of Scotland. He will also show us some rock samples he collected on the way that originally started their life in America two thousand eight hundred million years ago. **ARC/HIS**

**11<sup>th</sup> Wednesday 8.00pm IMAGINATIONS** by Graham Heywood. This evening Graham continues his unfinished talk from last year about his interests in Creative, Sports, and Travel photography and how he uses his imagination when taking his photographs. **PHO**

**12<sup>th</sup> Thursday 2.30pm WILLIAM SMITH'S GEOLOGICAL MAP** An account of how the first detailed geological map of Britain was devised in 1815 by William Smith (1769-1839). Regarded as the 'Father of English Geology' he is buried in St Peter's Churchyard, Northampton. **GEN**

**14<sup>th</sup> Saturday** A local walk in **HARLESTONE FIRS**. Bus SC 96 12.40pm. Tea at the garden centre. **SW**

**16<sup>th</sup> Monday 11:00am-1:00pm CURATION GROUP.** See 2<sup>nd</sup> March

**17<sup>th</sup> Tuesday 7.30pm STRUCTURE OF WOOD PART II** by Mike Gibson. Ernie Ives' wood slides. Ernie Ives (1934–2014) was a regular lecturer at our Microscopy Exhibition. He was world famous, amongst other interests, for his wood microtomy and for the production of high quality wood section slides. Original slides available to study on the night. **MIC**

**18<sup>th</sup> Wednesday 2.30pm JET STREAMS.** Following discussions in December we will look at the formation of upper-level jet streams (Polar Jet, Subtropical Jet, and Tropical Easterly Jet) and two major tropical low-level wind maxima (Somali Jet, African Easterly Jet). Their formation, maintenance, influence on synoptic weather. **MET**

**18<sup>th</sup> Wednesday 8.00pm INSTANT DIGITAL IMAGE BATTLE.** Our annual photo matching competition with Northampton Camera Club. An invited judge will join us for an entertaining evening, and to give an informative critique of each photo. This year hosted by the NNHS. **PHO**

**19<sup>th</sup> Thursday 2.30pm FORAMINIFERA AND MICROFOSSILS** Mike Gibson will introduce us to the world of foraminifera and microfossils and we will have the opportunity to examine specimens held in the Society's Crick slide collection. We will also be able and make our own slides. **GEN**

**21<sup>st</sup> Saturday** We will visit the historic town of **ROTHWELL** this week. Bus SC X4 10.18am for our connection to Rothwell. Lunch available. **SW**

**23<sup>rd</sup> Monday 11.00am-1.00pm WEATHER SECTION WORKING GROUP.** See entry for the 9<sup>th</sup> March for meeting details. **MET**

**25<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. **PHO**

**26<sup>th</sup> Thursday 2.30pm** Lecture to be announced. **ZOO/ORTH**

**28<sup>th</sup> Saturday** The **BRAMPTON VALLEY WAY** provides a pleasant country walk on good paths. Bus SC 14 1.15pm. Tea afterwards. **SW**

**30<sup>th</sup> Monday 11:00am-1:00pm CURATION GROUP.** See 2<sup>nd</sup> March

**30<sup>th</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 are welcome. **AST**

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## APRIL 2020

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**1<sup>st</sup> Wednesday 8.00pm PRINT COMPETITION** Up to 3 entries per member per round for each competitions. Monochrome General & Portrait (Vic Seaton Cup), Colour Print (Jubilee Cup), Digital Art. Round 3 of 3 **PHO**

**2<sup>nd</sup> Thursday 2.30pm** Botany Section lecture chosen at the AGM. **BOT**

**4<sup>th</sup> Saturday 10am MICROSCOPY PROJECT – 'MONSTER SOUP'** Introductory first indoor meeting: welcome & registration followed by an outline of the project, anticipated objectives & outcomes, and finishing with an opportunity for questions and answers before lunch at 12.30pm. The second half of the meeting starting at 2.00pm will be a practical session and include how to set up your microscope together with a preliminary examination of samples previously collected from a variety of sources. **MIC**

**4<sup>th</sup> Saturday** The village of **BUGBROOKE** is a popular location. Bus SC D3 11.07am. Lunch at the Schoolhouse. **SW**

**5<sup>th</sup> Sunday 11:00am THE SOCIETY'S WEATHER DATA.** The majority of the society's historical weather records are maintained on a Quattro Pro spreadsheet with more recent data on Excel. We will look at the pros and cons of establishing an Access data base to hold all of these records. What should we record? **MET**

**6<sup>th</sup> Monday 11.00am-1.00pm WEATHER SECTION WORKING GROUP.** See entry for the 9<sup>th</sup> March for meeting details. **MET**

**7<sup>th</sup> Tuesday 7.30pm POLLEN** The collection, mounting and identification of pollens. Pollen grains are unique to each plant, and can be identified under the microscope. We should consider how we might make this into a body of information available to local apiarists. **MIC**

**8<sup>th</sup> Wednesday 10.30am - 2.30pm OPEN HOUSE** see 1<sup>th</sup> March

**8<sup>th</sup> Wednesday 2.30pm** The Section secretary by popular request stages another showing of his photos of the south west of Britain including he hopes new images of Bath and the surrounding area. **ARC/HIS**

**8<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 'SPORT'. Round 4 of 4 **PHO**

**9<sup>th</sup> Thursday 2.30pm BURSTON SCHOOL STRIKE** The Norfolk village of Burston, near Diss, is the unlikely setting for a labour dispute which lasted for 25 years. In 1914, after their teachers were dismissed, the children of the village school went on strike ... until resolved in 1939. **GEN**

**11<sup>th</sup> Saturday MARKET HARBOROUGH MARINA** Is our choice of walk for Easter. Bus SC X7 10.52am. Picnic if fine, or use the café. **SW**

**13<sup>th</sup> Monday 11:00am-1:00pm CURATION GROUP.** See 2<sup>nd</sup> March

**15<sup>th</sup> Wednesday 2.30pm WHAT IS THE WEATHER DOING TODAY?** We will use what we have learnt about jet streams and weather patterns to explain what the weather is doing today making use of online tools and even a quick trip outside to make our own observations. **MET**

**15<sup>th</sup> Wednesday 8.00pm UNDERWOOD CUP – FINAL** The round where the winners from the previous three rounds of our pictorial images competition vie for the trophy. Invited judge. Final Round **PHO**

**16<sup>th</sup> Thursday 2.30pm ROCKS!** An opportunity to examine some of the Society's collection of rock specimens – igneous, sedimentary or metamorphic? Bring a hand lens if you have one, and we will try to unravel some of their stories. Meeting led by Sue Barker and Bob Purser. **GEO**

**18<sup>th</sup> Saturday** A favourite walk is from **COLD BRAYFIELD TO NEWTON BLOSSOMVILLE**. Bus SC 41 12.44pm. Drinks available. **SW**

**20<sup>th</sup> Monday 11.00am-1.00pm WEATHER SECTION WORKING GROUP.** See entry for the 9<sup>th</sup> March for meeting details. **MET**

**21<sup>st</sup> Tuesday 7.30pm TIME LAPSE FILMS** By Mike Asquith and Stan Hitchcock. We look at making a time lapse movie through the microscope and explore different methods, and subjects that may be suitable. **MIC**

**22<sup>nd</sup> Wednesday 8.00pm MONOCHROME MY WAY** by Ann Miles. Ann trained as a biologist and worked in scientific publishing. An active photographer all her life, and has taught general and nature photography at university degree level. Although she has a wide spectrum of photographic interests tonight is Monochrome prints and projected images. **PHO**

**25<sup>th</sup> Saturday, 10.00am - 4.30pm MICROSCOPY PROJECT – 'MONSTER SOUP'** second indoor meeting: Collection Examination & Identification of samples. Use of home-made equipment including techniques and methods for safe collection of samples. Registration req'd. **MIC**

**25<sup>th</sup> Saturday NETHER HEYFORD** has been selected for our walk today. Bus SC D3 1.07pm. Drinks after our walk. **SW**

**27<sup>th</sup> Monday 11:00am-1:00pm CURATION GROUP.** See 2<sup>nd</sup> March

**27<sup>th</sup> Monday 7.30pm. BLACK HOLES** by Bob Lambourne. Prof. Lambourne from The Open University has supported our society for many years. We welcome him back to guide us through the latest theories on Black Holes. Guests are very welcome. **AST**

**29<sup>th</sup> Wednesday 8.00pm COLOUR PRINTS FINALS** - Jubilee Cup And Digital Art Print The round where the winners from the previous three rounds of our 'Colour Print', and 'Digital Art Print' competitions vie for the annual trophy. Invited Judge. Final Round **PHO**

**30<sup>th</sup> Thursday 2.30pm** Lecture to be announced. **ZOO/ORTH**