

# MICRO MISCELLANEA – Newsletter of the Manchester Microscopical Society

1-94 (1985-2020)



## Micro Miscellanea

(Newsletter)

ISSN 1360-6301



Edited by James Battersby (2017-2020, #93-94)

Steve Edgar (2000-2016, #46-92)

Roy Winsby (1985-2000, #1-45)

(1-50 A4, 51-73 A5 printed, 74-94 A5 glossy full colour)

NB: Listing compiled by Mike Mahon, see also MMS website at [www.manchestermicroscopical.org.uk](http://www.manchestermicroscopical.org.uk).

The Society holds a complete set and the University of Manchester Library hold volumes 51-92.

**May 2020 (Issue 94 [electronic version only]) of Micro Miscellanea** [\(PDF download\)](#)

- Letter from the President (MM)
- Greetings from the Editor (JB)
- A couple of Dancers, James Battersby
- Book Review
- Ernst Abbe, Nicole Phillips
  - **Additional Articles for download (2023)**
    - [Dancer Binocular Microscopes \(Graham Marsh\)](#)
    - [Celestron Smartphone Microscope Adapter \(Mike Mahon\)](#)

**Winter 2017 (Issue 93) of Micro Miscellanea**

- Letter from the President (MM)
- A note from the new Editor (JB)
- A note from the Treasurer (MG)
- John Benjamin Dancer and the MMS on the Telly!, Mike Mahon
- John H Nichols Botanical Staining,
- An impromptu stem holder, Michael Gilligan
- A Gallery of images taken with a Zeiss Polarising microscope, Richard L Howey
- My favourite microscope, Watson System 70 & Hilux, James Battersby
- Lancashire Science Festival
- The Reichert Stand III, Brian Wilkinson
- The Art of the Dry Cell, Nicole Phillips
- Obituary - Denis Gregory
- Ernst Abbe, Nicole Phillips

### **Summer 2016 (Issue 92) of Micro Miscellanea**

- From the Editor
- Pinnularia alpina (Diatom)
- Brunel Stereo Microscope BMSZ Epi-illuminator LED conversion - (Michael Gilligan)
- Dancer's Microphotographic Images of Dr John Dalton FRS - Stanley Warren
- My favourite slide - Denis Gregory
- Years of innovation: Carl Zeiss Microscope Objectives 1870-1890 - Bob Nuttall
- Mimosa pudica and the Human condition - Steve Gill
- Pints and Plants in Prestwich - Steve Gill & Sandy Baker
- Pictures: Pond Life, Callicore anna - Maurice Moss
- Letters to the Editor: JB Microscope - Bob Nuttall

### **Spring 2016 (Issue 91) of Micro Miscellanea**

- From the Editor
- Papilio ulysses, the Blue Mountain butterfly - Maurice Moss
- An example of animal polymorphism (Snails) - Steve Gill & Mike Samworth
- Maurice Wilkins - development of R&J Beck's mirror objectives .. - Bob Nuttall
- Something of a mythical beast, Watson McArthur Microscope - Michael Gilligan
- A half century of Beck's London series microscopes - David Henderson
- My favourite slide - Mike Samworth

### **Christmas 2015 (Issue 90) of Micro Miscellanea**

- From the Editor
- Harry Britten (1870-1954) Master microscope mounter: Sandy Baker & Steve Gill (16 pages)
- Charles Baker's 'Nature' microscope: Bob Nuttall (8 pages)
- Colobura dirce - the Zebra butterfly: Maurice Moss
- My favourite slide: Alan Bowden
- More Society history through the popular press (1887 Obituary JB Dancer): Steve Gill (3 pages)

### **Summer 2015 (Issue 89) of Micro Miscellanea**

- From the Editor
- Hypnotic Diatom
- The Golden Microscopes - Reichert Stand II of 1897-1908: Brian Wilkinson (10 pages)
- Patent - Optical apparatus for the microscopical examination of the internal walls of an opening - Nacet 1974:
- The Continental Model: David Henderson (4 pages)
- Patent - Illuminating devices for microscopes - Kohler 1929:
- The Swallow-tailed moth: Maurice Moss
- Some Society history through the popular press - 1892 Soiree, 1894 Obituary Prof Marshall - death at Scafell: Steve Gill
- My favourite slide: Stanley Warren

### **Spring 2015 (Issue 88) of Micro Miscellanea**

- From the Editor
- Eclipse 2015: Derek Haworth
- Baker's New BLM 1 series microscopes: Bob Nuttall (11 pages)
- The Zeiss Standard Junior K: David Henderson (3 pages)
- John Hughes Bennett's Microscope for the Anatomical Society of Edinburgh (1833-43) + Drum microscopes: Stanley Warren (11 pages)

- Testate Amoebae; testacea; Rhizopoda; Protozoa: David Copestake (4 pages)
- The eighty-eight butterfly: Maurice Moss
- Patent - To Crack a Nut - 1915 Cobb - microscope cover glass centering device: Michael Gilligan
- My favourite slide: Steve Edgar

#### **Christmas 2014 (Issue 87) of Micro Miscellanea**

- From the Editor
- Idea leuconoe clara - the tree Nymph: Maurice Moss
- Extract from Robert Hooke's Micrographia 1665 - the Ant: 4 pages
- Shieldbugs in the North: Mike Samworth (10 pages)
- The Baker Series IV Microscope - an appraisal: David Henderson (8 pages)
- Muonionalusta (meteorite): Alan Bowden
- My favourite slide: Spike Walker
- Book review - Understanding and using the light microscopy - Chris Thomas & Lewis Woolnough: Steve Gill
- And now for something completely different ..

#### **Summer 2014 (Issue 86) of Micro Miscellanea**

- From the Editor
- White Slime Mould: Alan Bowden
- Obituary - Roy Winsby 1926-2014: Mike Mahon, Andrew Dutton, Steve Gill, Steve Edgar
- Beginner's Corner - Examining Pond Water: Roy Winsby (5 pages)
- Alfred Reeves (A.R.) revisited: Stanley Warren (8 pages)
- Multiple or Differential Colour Illumination (Rheinberg): Steve Gill (3 pages)
- The Pink Rose Butterfly: Maurice Moss
- Gallery of Curiosities: Richard L Howey (4 pages)
- Review - Some further works by Horace Barber: Mike Samworth

#### **Spring 2014 (Issue 85) of Micro Miscellanea**

- From the Editor
- White Slime Mould: Steve Edgar
- Colour correction of microscope objectives - Dr Carpenter's test for achromatism 'Disc of Deal': Brian Wilkinson (10 pages)
- Grammatophora serpentina - In Pleurax III: Steve Edgar
- The Micrograph: Stanley Warren (11 pages)
- Colour to Mono
- The Blue Pansy Butterfly: Maurice Moss
- Obituary - Douglas Turnbull Richardson 1919-2013: (5 pages)
- A simple polarising microscope from Woolley Manchester: Steve Edgar

#### **Christmas 2013 (Issue 84) of Micro Miscellanea**

- From the Editor
- Feather mite from a Red Legged Partridge
- Written for H Perigal esq by Thos Brand - Microwriting: Stanley Warren, Andrew Anderson, Howard Lynk (14 pages)
- The Hedge Brown Butterfly: Maurice Moss
- A gallery of masterpieces: Spike Walker
- The first twenty years of the Leitz Ortholux:- Part ii new stands and optical systems Bob Nuttall (9 pages)
- Review - An account of the diatom flora of Nuneaton and some outlying districts: Steve Edgar
- Forams in Mallorca: Steve Gill

- Off the Cuff Links:

### **Summer 2013 (Issue 83) of Micro Miscellanea**

- From the Editor
- Didymosphenia geminativum - Jelly babies in pure gold (CVAC)
- Mary Winifred Maud Jepson 1902-1977: Steve Gill (5 pages)
- Colour tones seen occasionally in Microphotographs: Brian Wilkinson (5 pages)
- Two classic German post-war microscopes - Carl Zeiss Standard GFL & Ernst Leitz Laborlux 3: David Henderson (4 pages)
- The White Bird's Nest: Maurice Moss
- Stereophotomicrography using the tilting stage - The Microscope 1965: Michael Gilligan & McCrone Research Institute (8 pages)
- The first twenty years of the Leitz Ortholux - part 1 models I & II UAM (II) & III in context: Bob Nuttall (8 pages)

### **Spring 2013 (Issue 82) of Micro Miscellanea**

- From the Editor
- Book Review - An introduction to the microscopical study of diatoms - McLaughlin: Mike Samworth
- The new Carl Zeiss High Power - Binocular microscopes of the 1920s - the stand D and the stand F: Brian Wilkinson (15 pages)
- A gallery of crystals viewed with polarized light: Richard L Howey (5 pages)
- Butterflies and Orchids in Southwest France: David Henderson (4 pages)
- Stacking and Stitching for higher resolution: Spike Walker
- Petrographic microscopes for advanced work - Watson & Beck Instruments: Bob Nuttall (6 pages)

### **Christmas 2012 (Issue No 81) of Micro Miscellanea**

- Editorial (SE)
- Obituary: William (Bill) Howard Jones, Tom Green
- Leopold Hartley Grindon, Steve Gill
- Slime Moulds Identification, Maurice Moss
- A Gallery of Spicules, Richard L Howey
- Reichert Microscopes, David Henderson
- Silver Staining & Micro Fossils, Richard L Howey
- Shuuietta annulata
- Life & Health Insurance (Microscopists Beware), Richard L Howey
- The Leitz Black Ortholux, David Henderson
- Jelly Blobs, Maurice Moss

### **Summer 2012 (Issue No 80) of Micro Miscellanea**

- Lieberkuhn - Some Reflections, Michael Gilligan
- Two Oak Leaf Galls, Maurice Moss
- Enteridium lycoperdon, Steve Gill
- "New Binocular Stereo microscope", Brian Wilkinson
- The Spider as a Barometer, Michael Gilligan
- LED Leitz, Steve Edgar
- Josiah Slugg of Manchester, Steve Gill
- Marchantia Polymorphia, Steve Gill

### **Spring 2012 (Issue No 79) of Micro Miscellanea**

- The Shield Bug Diaries, Steve Gill
- Tale of a Monster, David Henderson
- Two Classic British Microscopes of the Fifties, David Henderson
- Buying Chinese Slides, Richard L Howey
- Negative Pre-Objective Supplementary Lense, Brian Wilkinson
- Cooke, Troughton & Simms' Instruments, Bob Nuttall
- The Baker Diagnostic, Steve Edgar
- A Random Gallery, Richard L Howey

### **Christmas 2011 (Issue No 78) of Micro Miscellanea**

- Editorial
- Collimation of an Old Style Olympus Binocular, Colin Kirk
- Out of the Forest - Gambian Arachnids, Dave Penney
- Diatoms in a New Light, Denis Gregory
- Where are you from, the Manchester Moth, Dmitri V Logunov
- A Polarized Crystal Gallery, Richard L Howey
- The Evolution of a Petrographic Microscope: the Swift-Dick Stand, Bob Nuttall
- Denton's Patent Butterfly Tablets, Steve Gill
- *Cyrestis nivea* - Nymphalidae, Maurice Moss
- Dancer Dismay, Denis Gregory

### **Summer 2011 (Issue No 77) of Micro Miscellanea**

- Editorial
- Essa Touray's The Gambia: Steve Gill (11 pages)
- A Gallery of mineral thin sections: Richard L Howey (5 pages)
- Fossil amber inclusions under the microscope: David Penney & David I Green (4 pages)
- Refurbishing decayed JB Dancer microphotographic slides: Brian Wilkinson (6 pages)
- An assortment of oddities: Richard L Howey (4 pages)
- Old slides: Terry Walsh

### **Spring 2011 (Issue No 76) of Micro Miscellanea**

- Editorial
- Juniper-Rowan Rust gymnosporangium cornutum: Steve Edgar
- Heine microscope patent 1934:
- A wrinkled amoeba - the camoeba: Richard L Howey
- Epiconpol - illumination with a different slant: Steve Edgar (2 pages)
- Apparatus for producing darkground illumination whilst sorting pond life: Ian Henderson
- The Microscope - Rev W Houghton: Steve Gill (8 pages)
- Spikking Image Gallery: Spike Walker
- The beautiful Sweet Pea (*Lathyrus odoratus*) and its parasitic rust fungi: Terry Walsh
- The Crimson Speckled (*Utenthesia pulchella*): Maurice Moss
- A note upon the history of the binocular microscope - Leitz 1913 'New' stand for the highest powers: Bob Nuttall (7 pages)
- Rare or Not?: Mike woof
- New fields to explore!: Denis Gregory
- The Orange Tip:
- Vital Staining with powdered Carmine and other magical acts: Richard L Howey (3 pages)

### **Christmas 2010 (Issue No 75) of Micro Miscellanea**

- Editorial
- Mirror, mirror on the wall ...

- Mary Allard Booth - 19th C American microscopist & photomicrographer: Richard L Howey
- Review - Understanding and Using the Stereomicroscope - Lewis Woolnough QMC:
- Two colour plates from The Illustrated Annual of Microscopy 1900: Alan Turnock
- A small gallery of creepy-crawlies: Richard L Howey (4 pages)
- The Northern College of Pharmacy: Steve Gill (5 pages)
- Rheinberg Revisited: Geoffrey S Dearn
- Mixotrichum chartarum kunze: Terry Walsh
- The Mikrops Projektascope by Flatters & Garnett: Bob Nuttall (10 pages)
- Butterfly Scales Revisited: Maurice Moss
- Book Review - A History of Photography with the Light Microscope - Brian Bracegirdle QMC: Steve Gill
- The Royal Photographic Society Annual Awards 2010 - Spike Walker & Gallery
- Letters to the Editor
- A Song of Science - Fish:

#### **Summer 2010 (Issue No 74) of Micro Miscellanea (New sStyle Glossy Full Colour)**

- Editorial
- Palate of Whelk - Image
- SIZE is important - Objectives: Ron Green (4 pages)
- A visit to a local reserve (Nosterfield N Yorks): Mike Samwortgh (3 pages)
- Flatters & Garnett Projektascope: Steve Gill (6 pages)
- Silica gel as a dehydrating agent in microtechnique: OT Walsh
- Loch Cuithir revisited: Steve Edgar (10 pages)
- A simple air sampling machine: Terry Walsh
- Gallery

#### **Christmas 2009 (Issue No 73) of Micro Miscellanea**

- Editorial
- Kettle Hole Safari: Alan Turnock
- Blue Tits - Hedglings away: Steve Edgar
- Oak Powdery Mildew: Maurice Moss
- A video microscope (Zeiss): Ron Green (7 pages)
- Forming crystals by solution and hot melt methods for study under the microscope: Terry Walsh
- The Beck Optomax research microscope: David Henderson (7 pages)
- Patent - Vertical Illuminator 1938 - Berek: (5 pages)
- Aldi Traveler and Maplin USB value for money microscopes: Martin Elsworth & Mike Mahon (4 pages)
- Historical Ephemera: Steve Gill
- Sales

#### **Autumn 2009 (Issue No 72) of Micro Miscellanea**

- Editorial
- Combined Effort - Stacking with CombineZ:
- A note on the history of the binocular microscope - Conrad Beck's 1913 London Stand: Bob Nuttall (10 pages)
- Digital photomicrography with a live-view digital SLR ...: Mike Samworth
- Optical snobbery - binoculars: Ron Green: Ron Green
- Nikon Eclipse E100 biological microscope: LM Bowler
- Obituary - Neville Bradpiece 1923-2009: Roy Winsby
- Groan 0 not more diatoms pleeeeeease: Steve Edgar (8 pages)
- Resolution blues
- Kent & Sussex Microscopy Group Meeting 2009: LM Bowler

#### **Spring 2009 (Issue No 71) of Micro Miscellanea**

- Editorial

- Obituary - Eugene Patrick McCann 1922-2009 (President 1992-2002): Roy Winsby
- School microscopes in the sixties: Bob Nuttall (7 pages)
- Harry Taylor 1920-2008: Steve Gill
- USB digital microscope: Terry Walsh
- The African Clawed Frog (*Xenopus laevis*): Terry Walsh
- The Greater Wax Moth (*Galleria mellonella*): Steve Gill
- Honey Bee Mite (*Varroa destructor*): Steve Gill
- William Webb Glass engraver extraordinary: Roy Winsby
- Who invented the tilting plate compensator?: Ron Green
- Muscae volitantes: Roy Winsby
- A cabinet for 480 slides: Steve Edgar (9 pages)
- QMC 2008: LM Bowler

#### **Christmas 2008 (Issue No 70) of Micro Miscellanea**

- Editorial
- Running the Society - appeal for Secretary & Treasurer: Martin Elsworth
- Young microscopists 2008: Terence Walsh
- Kent & Sussex Microscopy Group Meeting 2008: LM Bowler (4 pages)
- In pursuit of lost resolution: Ron Green (4 pages)
- Light emitting diode units from Woollies: Terry Walsh
- A fascination with moths: Mike Samworth (5 pages)
- Mr Vatcher's ringing machine: OT Walsh
- Men in sheds: Steve Edgar
- A man and his microscope - John Williams: Stanley Warren (12 pages)
- SUPPLEMENT: List of slides Redmayne, Doherty, Brittain

#### **Summer 2008 (Issue No 69) of Micro Miscellanea**

- Editorial
- Dancer's advertising billboard - a secondary tale: Stanley Warren (6 pages)
- Garnetts (Flatters & Garnett): Steve Gill (8 pages)
- The Saturday Magazine 1833: Steve Gill (6 pages)
- James Stanley Midwinter 1923-2008 QMC MMS PMS:
- Your first microscope - When & How: Terry Walsh
- Collecting a swarm: Steve Gill
- Haemin crystals - the simple way: Terry Walsh
- Microscience 2008: LM Bowler

#### **Spring 2008 (Issue No 68) of Micro Miscellanea**

- Editorial
- A Question of CDM, Ron Green (4 pages)
- Nikon Inverted Research Microscope, Lawrence Bowler (4 pages)
- Initials on microphotographs - thoughts on J.B., Stanley Warren (15 pages)
- A small embedding bath, Terence Walsh
- The Kent & Sussex Report, Lawrence Bowler
- An unscheduled Gossip Meeting, Terence Walsh
- Trial and Tribulation Part II, Steve Gill (4 pages)

#### **Christmas 2007 (Issue No 67) of Micro Miscellanea**

- Editorial
- Letters
- A practical guide to binocular collimation part 2: Ron Green (3 pages)
- Victorian Street Microscopy: Steve Gill (7 pages)

- James Bond Mystery Object: Bill Ellis
- A Novelty: Terry Walsh
- Bug Hunting: Steve Gill, Mike Woof, Steve Edgar (5 pages)
- My Dale Fort Photos: AD Bowden
- LAB Trade Fair: LM Bowler
- The economic staining of small amounts of material directly on the slide: Terence Walsh
- Notes and Lists
- QMC 2007: LM Bowler
- Kent & Sussex Microscopy Group 2007: LM Bowler
- Trial and Retribution: Steve Gill

#### **Summer 2007 (Issue No 66) of Micro Miscellanea**

- Editorial
- Nocturnal Pond Hunting: Alan Turnock
- Dinosaur intestinal parasites: Ron Green
- Purpose built polarising microscope: Terence Walsh
- The art of value engineering: David G Praker (6 pages)
- Tale of a microscopical Luddlite: Ron Green
- The Rosemary Beetle: LM Bowler
- The biological drawings of Maud Jepson: Mike Samworth
- The privet hawk-moth (*Sphinx ligustri*): LM Bowler
- If you want to get ahead - get a headrest: Terence Walsh
- Initials on microphotographs - thoughts on the identity of A.R.: Stanley Warren (10p)
- Microscopy & Mortality: Spike Walker (4 pages)
- Microscopium 2007
- Kent & Sussex Meeting 2006: LM Bowler

#### **Spring 2007 (Issue No 65) of Micro Miscellanea**

- Editorial
- Dr Hilda M Canter-Lund 1922-2007 Obituary: Elizabeth Y Haworth
- Sponges and their life history: Roy Winsby (3 pages)
- The Stump Puffball: LM Bowler
- The part the nose plays: Steve Gill
- Friedrich Johann Justin Bertuch 1747-1822:
- The Christmas Cracker Diatom: Roy Winsby
- Some favourite images: Richard L Howey
- On Collecting: Spike Walker
- Microscience 2006 Exhibition: LM Bowler
- Letters to the Editor
- Sales & Wants

#### **Christmas 2006 (Issue No 64) of Micro Miscellanea**

- Editorial
- Spiracles of *Dytiscus*
- From the Toy-Room - the Travelling Vernier Microscope: Michael Gilligan
- Glycerine Jelly Mounts: J Lester
- Uninvited house guests part 2: Roy Winsby (5 pages)



- A practical guide to binocular collimation: Ron Green (6 pages)
- Cinchonidine: Mike Samworth
- Justus von Liebig, meat extract and microscopy: Steve Gill (4 pages)
- Photogallery in colour
- Lords and Ladies Arum maculatum: LM Bowler
- Letters to the Editor
- William Moginie and his microphotographs: Stanley Warren (8 pages)
- The Zeiss Mirax Scan and desk: LM Bowler
- Kent and Sussex Microscopy Group Meeting 2006: Lawrence Bowler
- Liverworts and Liverwurst: Richar L Howey (3 pages)
- Psychology or Psychiatry: Steve Gill & DS Gill
- Sales & Wants

### **Summer 2006 (Issue No 63) of Micro Miscellanea**

- Editorial
- Natural History Snippets
- Uninvite House Guests - dust mites, bedbugs etc: Roy Winsby (13 pages)
- Photographic Curiosity Slides - the identification of JS and JCS: Stanley Warren (3p)
- Visit to the Liverpool World Museum: David Rome
- Kent & Sussex Microscopy Group Meeting 2005: LM Bowler
- MMS meeting April 2006: Derek Haworth
- Notes on past members part 2 - Henry Hall: Steve Gill
- The Vikon Microscope part 2: Ron Green (4 pages)
- Book Review - Coastal Plankton Larink et al: RD Butler
- The Fram, Fridtjof Nansen and the FRAM: Steve Gill (4 pages)
- Microscopy - Computers - an alternative ringing table: William J Vatcher
- Quekett Microscopium Fair 2006: LM Bowler
- Sales

### **Spring 2006 (Issue No 62) of Micro Miscellanea**

- Editorial
- From the Secretary
- Extract from The Microscopic Cabinet Andrew Pritchard 1832
- A shocking time of life: Anon
- Notes on past members - Arthur J Doherty: Steve Gill (4 pages)
- Thomas Smith of Kendal: Steve Edgar
- James Smith Monocular Microscope No 77 1844: Graham Marsh
- Kent & Sussex Microscopy Group Meeting June 2015: LM Bowler
- Willard Wigan a sculptor of miniature items: Roy Winsby (4 pages)
- Colour Gallery
- QMC Annual exhibition 2005: LM Bowler
- The Vikon Microscope: Ron Green (7 pages)
- Letters to the Editor
- Liverpool Microscopical Society Members Index (1888): Steve Gill (5 pages)
- Sales & Wants

### **Christmas 2005 (Issue No 61) of Micro Miscellanea (40 page Glossy Colour Edition)**

- Editorial

- From the secretary
- Notice of MMS AGM 2006
- James Murray MMS 1892-1894
- B Sturtz, Bonn
- Super Rheinberg: Bryan Taylor (3 pages)
- About micro-fungi: Alan Turnock
- Springtails - neglected hexapods?: Keith Brocklehurst (3 pages)
- Meetings: Steve Gill
- Small broomrape: (Orobanche minor): LM Bowler
- My microscopical life: Cartilage Networks: DM Lawton
- Natural History Snippets: A Slime mould (LM BOWler, Pine Moth (Steve Edgar)
- Sand dollars: Roy Winsby (5 pages)
- Rocks in thin section - revisions: Martin Elsworth
- MMNHS Meeting - Fossils: Philip Manning (Manchester Museum)
- A Sorby Moment: Steve Gill (4 pages)
- The plumber's microscope: Steve Gill
- 80th Anniversary of the Leica 35mm camera: LM Bowler (3 pages)
- Looking at ponds (from Newsletter #6): IC Fitch
- Photomicrographic Gallery
- The Carl Zeiss Workshop: Spike Walker (3 pages)
- Sales & Wants

#### **Spring 2005 (Issue No 60) of Micro Miscellanea**

- Editorial
- Tar House - an observation: Steve Gill
- Obituary - Walter Gilbert Hartley 1913-2005: Roy Winsby
- The identification of rocks in thin sections part 4: Martin Elsworth (4 pages)
- The C & D Field Microscope: LM Bowler
- Natural history snippet (Garden Peas *Pisum salivum*): Lawrence Bowler
- Slaughterwasp: Liam Smyth
- An old microscope slide: LM Bowler
- What happened to reflected light: DJ Thompson
- The Zeiss 'W' Microscope: Spike Walker (4 pages)
- Quekett Microscopium Fair 2005: Lm Bowler (5 pages)
- An auxiliary stage for the MBC-10 stereo microscope: RB Taylor
- What happened to the summer hum?: Steve Gill
- Old blokes and microscopy: Steve Gill
- Sales & Wants

#### **Winter 2004 (Issue No 59) of Micro Miscellanea**

- Editorial
- From the Secretary
- MMS Rules (for approval)
- Two days in June: Steve Gill
- Objectives, Condensers and their effects: Neville Bradpiece (5 pages)
- I did it my way - Diatom Strews: Steve Edgar (5 pages)
- Butterfly rearing: Lawrence Bowler
- Meetings Reports: QMC 2004, Int Biotech & Lab Automation, Kent & Sussex: LM Bowler (7p)
- Appearance and reality? Interpreting the microscopic image: J Lester (6 pages)

- CD Review - Science Museum: Brian Bracegirdle

### **Summer 2004 (Issue No 58) of Micro Miscellanea**

- Editorial
- A simple petrological microscope: Martin Elsworth
- Microscience 2004 Exhibition: LM Bowler
- The identification of rocks in thin section part 3: Martin Elsworth
- Natural snippets: Lawrence Bowler
- Oddities and entities (pipettes, crystals, needles,.. ): Richard L Howey (6 pages)
- The Kent and Sussex Microscopy Group Meeting: LM Bowler
- MMS Members Index vol 2 (1892-1897): Steve Gill (13 pages)
- Weekend of Leisure and Learning at Malham Tarn Field Centre: David Rome
- Sales and Wants

### **Spring 2004 (Issue No 57) of Micro Miscellanea**

- Society Rules - OK? -from 1949, 1954 and new 2004: Martin Elsworth
- Happy Days - in Dr Harriman lab Leeds : Roy Merritt
- Field Craft Controversy - The Next Generation: Richard J Gill (5 pages)
- Made, factored, or retailed? Microscopes and slides by Abraham & Dancer (1841-45): Bob Nuttall (11 pages)
- The Dandelion through the microscope: LM Bowler (6 pages)
- My microscope - The Zeiss Standard Microscope WL: David Henderson (3 pages)
- Russian Measuring Microscope ML-2: LM Bowler
- Sales and Wants

### **Christmas 2003 (Issue No 56) of Micro Miscellanea**

- From the Secretary
- Field Craft Controversy: Steve Gill
- James Cash (1839-1909) eminent member of the MMS: Keith Brocklehurst (5 pages)
- The Kent and Sussex Microscopy Group Meeting: LM Bowler
- Attaching wax sections to slides: James Nattersby
- Blue Peter Microscopy - hotplate, waterbath: James Battersby
- Practamont - almost a secret for over 30 years: James Battersby
- The QMC Annual Exhibition: LM Bowler
- The Kent and Sussex Microscopy Group Meeting May 2003: LM Bowler
- A crude way to photograph slides: Martin Elsworth
- Forgetfulness: Steve Gill
- Why are there two focussing eyepieces on stereomicroscopes?: John Chapman (7p)

### **Summer 2003 (Issue No 55) of Micro Miscellanea**

- Editorial
- Out of the frying pan and into the live box: Alan Turnock
- Channel Tunnel Chalk - available: Lawrence Bowler
- The identification of rocks in thin section - part 2: Martin Elsworth (3 pages)
- A look at microspheres: LM Bowler

- An abundance of life forms: Neville Bradpiece
- Update from the Librarian - new books: David Rome
- Syphilis: Barry Ellam
- Diatoms and the family: Steve Gill
- Colloidal silver - a useful antibiotic preservative: Terry Dennett
- The Nikon Coolpix and the microscope: Derek Haworth
- New books by an old member
- MMS Members Index Vol 1 (1886-1891): Steve Gill (12 pages)
- Reflections on Dancer discrepancies: Stanley Warren

### **January 2003 (Issue No 54) of Micro Miscellanea**

- Editorial
- The Secretary's bit
- Obituary pt 2 - Robert B Park: Roy Winsby
- Another interesting objective: Lawrence M Bowler
- Instant photography: Peter McBeath
- Digitising the Manchester Microscopical Society Slide Collection: Jenny Brettell
- MMS Meetings 2002-3 Season: Mike Mahon
- School Microscopes in the post-war era: Bob Nuttall (4 pages)
- Dancer discrepancies: Denis Gregory
- Obituary - Miss BG Harthan - MMS member 1935-2002, President 1962
- From the Librarian (missing books): David Rome
- A Lucid Pellucida (resolution of Amphipleura pellucida): Neville Bradpiece
- Thin rock sections: Martin Elsworth
- Amoeba proteus: Stephen Durr (4 pages)
- Mass Diatomicide: Steve Gill
- Stereo Microscope: Roy Winsby
- The Quekett Microscopica Clun Annual Exhibition 2002: LM Bowler
- The Kent and Sussex Microscopy Group Meeting: LM Bowler
- Letters

### **August 2002 (Issue No 53) of Micro Miscellanea**

- Editorial
- From the Secretary
- Entering the Zeiss fraternity: Mike Samworth (5 pages)
- The years of recovery: Carl Zeiss Microscope 1945-60: Bob Nuttall (5 pages)
- Microscience 2002 Exhibition: LM Bowler (4 pages)
- Books for a beginner: Barry Ellam (7 pages)
- An interesting odd objective: Lawrence M Bowler
- The frogspawn alga: Barry Ellam
- Letters to the Editor
- Protozoa cultures from Sciento: Mike Samworth

### **May 2002 (Issue No 52) of Micro Miscellanea**

- Updates from the Editor

- A look at dielectrophoresis: Lawrence M Bowler, Orpington, Kent (4 pages)
- It does what it says on the tin (Objectives resolution): Neville N Bradpiece
- Mystery Diatom
- The years of recovery - Carl Zeiss Microscopes 1945-60 (pt 3): Bob Nuttall
- Winter Green: Fred Loxton
- Micro Gallery: Steve Edgar
- Next to Godliness (cleaning lenses): Neville N Bradpiece
- The Hybrid (Vicklympus): Neville N Bradpiece
- Eye to Eye: WG Hartley
- Computerised Microscopy: Peter McBeath
- Looking into the dark (Numerical Apertures): WG Hartley
- New Books

### **January 2002 (Issue No 51) ... new A5 printed format ...**

- Updates from the Editor
- Roy Winsby Commemorative Microslide
- 65 Years On (Beck Microscope Catalogue): Neville N Bradpiece (5 pages)
- Midlands Quekett/PMS Meeting: Spike Walker
- Postage Stamps: Roy Winsby
- Tunicates with salad on the side: Richard L Howey, Wyoming (4 pages)
- Union Optical Co Ltd Inverted Microscope MiC: Lawrence M Bowler (3 pages)
- How things have changed (Adverts over the years): Richard L Howey
- Some musty old books: Barry Ellam
- It's all my eye: Neville N Bradpiece
- A voice from the past: James Battersby, Lancashire

### **August 2001 (Issue No 50)**

- Updates from the Secretary & Editor
- West German Zeiss Microscopes (pt 2): Bob Nuttall, Edinburgh
- Microscopes Described (MIPS, Baker, Prior, Pyser-Brytux, Watson, Leitz, MBS, Beck, CTS, McArthur, Wild): Roy Winsby, Manchester
- Making your own micro forceps: RL Howey, Wyoming
- Podophyra, a remarkable ciliate: Mike Samworth
- Obfuscations and Hollow Cones: Neville N Bradpiece, Manchester

### **May 2001 (Issue No 49)**

- Obituary (Charles J Cook): Roy Winsby, Manchester
- No Wings, No Legs, No Wheels, So how does it move? (Diatoms): Neville N Bradpiece
- Microscopy in the Daily Press: Roy Winsby, Manchester
- A Tribute to Roy & Lilian (Winsby): MMS
- Micro-Funghi: When & where to find them. (Part 10 December) Thomas Brittain (published 1882)
- DIY Maintenance - Further Thoughts: Charles J Cook
- The Years of Recovery - Zeiss Microscopes 1945-60: Bob Nuttall, Edinburgh
- Photomicrography: Peter McBeath
- A condenser from my gash box: Neville Bradpiece, Manchester

### **January 2001 (Issue No 48)**

- DIY Maintenance with Trepidation: Neville Bradpiece
- A Microscopist's Book Collection: Mike Samworth
- Micro-Fungi: When and where to find them (Part 9 November) Thomas Brittain (published 1882)
- More notes on microscopes from the far east: Charles j Cook

### **August 2000 (Issue No 47)**

- Fluorescence Microscopy: Charles J Cook, Edington Westbury
- Microscopes from the far east: Roy Winsby, Manchester
- Olympus CHK2 Microscope: Roy Winsby, Manchester
- The reason why (fixed condensers): Neville Bradpiece, Manchester
- A rant about prepared slides: RL Howey, Wyoming
- Micro-Fungi: When and where to find them (Part 8 October) Thomas Brittain (published 1882)
- New Paper: The identification of diatoms in river beds: Mike Walton, Middlewich
- **SUPPLEMENT:** A Naturalist's Lab in a Coal Bin (14 pages): Prof RL Howey, Wyoming, USA

### **May 2000 (Issue No 46)**

- Neville N Bradpiece: Micrograph in RMS calendar 2000
- Culturin and Collecting Micro-organisms safely, Prof RL Howey, Wyoming USA
- For Amusement Only: Crystals for microscopy. Neville Bradpiece, Manchester
- Some thoughts on trick illumination: WG Hartley, Seaford
- Food for Thought (and Blackbirds), Tony Smith, Little Hayfield
- Letters to the Editor: David Sykes (Microscopy Hardware); Charles Cook (Bad Books), WH Ellis (Desmids)
- Micro-Fungi: When and where to find them (Part 7 September) Thomas Brittain (published 1882)

### **January 2000 (Issue No 45)**

- Glass (4 page review): Ken Davies, Sale, Cheshire
- A Strongylocentrotus Drobachiensis by any other name would smell as sweet: Prof RL Howey, Wyoming, USA
- Boxing Clever: Microscope boxes. John Raddon
- Micro-Fungi: When and where to find them (Part 6 August) Thomas Brittain (published 1882)

### **August 1999 (Issue No 44)**

- The care of the microscope. Spike Walker, Penkrigde
- Pseudo-microscopes: A cranky Essay. Prof RL Howey, Wyoming, USA
- Slide label making made easy [Part 2]. Roy Winsby
- Staining station. Colin J Kirk

- Changing Fashions. John Raddon
- Micro-Fungi: when and where to find them. [Part 5 July] Thomas Brittain (published 1882)

### **May 1999 (Issue No 43)**

- Foraminifera sand from the Scottish Highlands. Roy Winsby
- Seascope - A new novel three-dimensional slide. Roy Winsby
- Obituary - Herbert S Henderson. Roy Winsby
- Scanning pond samples at high magnifications. Prof WL Howey, Wyoming, USA
- Quo Vadis? (Wither goest thou?). Neville Bradpiece, Manchester
- Slide label making made easy. Tom Moore, Peterborough
- Micro-Fungi: when and where to find them. [Part 4 June] Thomas Brittain (published 1882)
- Rings! Tena penny!. Tom Moore, Peterborough
- Coasters. Roy Winsby
- Aromatherapy oils for microscopy. Terry Dennett, London

### **January 1999 (Issue No 42)**

- Beginners -Start here. Max Lovatt, Southam
- Who counts the pollen. William Ells, Maidstone
- More Light commentary. Charles J Cook, Westbury
- Test slide for oil immersion objectives. Gilbert Hartley, Seaford
- French resin mountant. WE Dickinson, Barnsley
- Micro-Fungi: when and where to find them. [Part 3 May] Thomas Brittain (published 1882)
- Unravelling the mysteries of microscope boxes. C Hammond, Leeds
- Book Review "The Usborne Complete book of the Microscope" . Brian Singleton, Weybridge
- Book Review "Microscopical Mounts and Mounters". Roy Winsby
- Book Reviews: Bad Books "The Technique of Photomicrography" & "Photomicrography". Spike Walker, Penkrige.
- A miniature telescope. Don Bruce, Northiam

### **August 1998 (Issue No 41)**

- Protozoan Houses. Prof RL Howey, Wyoming, USA
- A little light commentary. Neville Bradpiece, Manchester
- Micro-Fungi: when and where to find them. [Part 2 Mar-Apr] Thomas Brittain (published 1882)
- Coefficient Jelly. Terry Dennett, London
- Indian Microwriting. Denis Gregory, Plymouth
- Zeiss Lenses. John H Birds, Dronfield
- An aid to hand picking Foraminifera. Sid Harvey, Weston-super-mare
- Optics for Wild Microscopes. Bob Nuttall, Glasgow
- Looking at histology slides. Barry Ellam, Colchester

### **May 1998 (Issue No 40)**

- Refurbishing Russian MB series Microscopes. Don Bruce, Northiam
- A method for preserving certain insects and arachnids. Prof Howey, Wyoming, USA
- The Abbe condenser in a new light. Neville Bradpiece, Manchester
- Micro-Fungi: when and where to find them. [Part 1 Jan-Feb] Thomas Brittain (published 1882)
- Erecting the image. WH Hartley, Seaford

- Information wanted on magic lantern Slides. Denis Gregory
- A cutter for Rheinberg etc, Discs. Bryan Taylor, Maidstone
- Microphotograph slides, our equipment etc. Roy Winsby
- Dog's bay sand. Roy Winsby

### **January 1998 (Issue No 39)**

- Micro Misc 39 2008
- Numerical aperture and ignotum per ignotius - Neville Bradpiece
- A note on demonstrating food vacuoles in ciliates - RL Howey
- Foraminifera sand - Roy Winsby
- Beginner's corner- the stereoscopic microscope - Roy Winsby
- A Watson slide of a leaf of a nettle
- Lakeland microscopes
- The Russian MBS-10 Stereoscopic microscope
- Technical and optical equipment
- Letters to the editor
- A new atlas of Diatomaceae
- Does your brain hurt
- Microscope repair service

### **August 1997 (Issue No 38)**

- Internet /WWW site for MMS. Mike Mahon, Manchester.
- Drug Supplier Eats Babies. (Ants) Tom Moore, Peterborough
- Poroids in the alveoli of Pinnularia. Neville Bradpiece, Manchester
- Culturing the Freshwater Bryozoan "Plumatella Repens". Prof RL Howey, Wyoming, USA
- August Kohler. WG Hartley, Seaford
- A desmid form new to the British Flora - Cosmarium tetrachondrum Lundell forma. WH Ells, Maidstone
- Equipment of deceased members (part 2) Roy Winsby
- Lyme Disease
- How do they do that?
- Postal Microscopical Society
- Bookfind. John Raddon
- Letter to the Editor. Mrs Joan Bingley, Cobham.
- Bees
- Practical Microscopy, A Novel Viewer. Peter McBeath, Morpeth
- Discs. Don Bruce, Northiam

### **May 1997 (Issue No 37)**

- Microscope Illumination for Beginners. WH Ells, Maidstone.
- Inexpensive Water-Immersion Microscopy. RL Howey, Wyoming.
- Murder Most Foul (wasps). Alan Turnock, Crewe
- Identifying the British Cladocera (Water Fleas). D Walker, Huddersfield.
- The Metal-Coated Slide - What it is and What it does. NN Bradpiece, Manchester.
- Meteorites. P McBeath, Morpeth.
- Ammonites and Jurassic Mud. P McBeath, Morpeth.
- Obituaries: Ian Claude Fitch, AG Heys.
- How do they do it? (Tooth-Eye grafts). R Winsby
- Meetings Organiser
- Microscope Dealers and Microscope Shops
- Frogs. R Winsby.
- The Written Word (slide labelling) J Raddon.
- Lyme Disease. R Winsby.



- The Wild M20 Research Microscope. D Bruce, Northiam.
- The Carl Zeiss Organisation Today. R Winsby.

#### **ISSN 1360-6301 Edited by Roy Winsby**

##### **January 1997 (Issue No 36)**

- Supplement: Dancer and the Annual Meeting of the British Association in Manchester. SE Warren, Edinburgh
- On Dustmites and Gastrotrichs. RL Howey, Wyoming
- Obituary - Francis St D Rowntree, OBE. 1928-1996. Roy Winsby, Manchester
- See What I Mean? (on contrast and visibility). NN Bradpiece, Manchester
- More Thought about Binocular Tubes. Spike Walker, Stafford
- Some Thoughts on Incident Lighting. WG Hartley, Seaford
- Shopping for Bits. John Raddon
- Microscopy 'On Peril on the Sea'. HH Huxley, Cambridge
- New Treasurer / Meetings Secretary
- Mechanical stage for the Watson Service Microscope. AW Brooker
- Rheinberg Illumination
- Wooton Bassett
- Parasitic Wasp 'Dinocamopus Coccinellae'. Roy Winsby
- The Society's Instruments
- Equipment of Deceased Members
- How do you Measure Up? (on shearing eyepieces): Don Bruce, Northiam
- Freshwater Algae - Their Microscopic World Explored. Book Review - Frank Rowntree
- Microscopists Sales and Wants -January 1997.

#### **ISSN 1360-6301 Edited by Roy Winsby**

##### **August 1996 (Issue No 35)**

- Below the Stage
- Obituary - Robert B Park
- Acarapis Woodi Rennie - a mite
- British Testate Rhizopods
- Darkground etc continued
- Book Review - Fundamentals of the Fungi
- Stereoscopic Vision
- Dustmites
- Rowney's Poster & Watercolour Varnish (Mounting Medium)
- Ringing Table made from Computer Hard Disk Drive
- Pseudo-Scorpions
- Obituary - John Morris McArthur
- The McArthur Microscope

##### **May 1996 (Issue No 34)**

- Darkground & Rheinberg Revisited
- Experiments with Immersion Oil
- Refractive Index - A note for the beginner
- New Books: Exploring with the microscope, Notes on Modern Microscope Manufacturers, Scientific Photomacrography
- Old Catalogues, manuals, etc
- Micscape Magazine
- Books on Foraminifera
- The CTS M25 Microscope

- Inflation Values

**January 1996 (Issue No 33)**

- The Culpeper Microscope
- Handy Cell for examining Live Pond Life
- The Modern Camera Lucida
- Confocal Laser Scanning Microscope
- Microscopy in Victorian Times
- Colour CCTV Video Microscopy
- Dance of the Honey Bee - Magnetic Field of the Earth
- Baker Series IV BQ Microscope
- The Widescreen Centre
- Zeiss Micro Manipulator
- Diatom Exhibition Slides

**August 1995 (Issue No 32)**

- Drawing Through the Microscope
- Pigmented Protozoa
- New Lamp for the MBS-9 microscope
- Wasps at work
- Public Libraries
- Contributors to Desmid Literature
- Specimen collecting in Wyoming
- The Society's Instruments

- **N/L 1. May 1985**
  - Opener to the Newsletters and sundry items relating to the Society and its meetings.
- **N/L 2. Aug 1985**
  - Cutting Plant Sections.
  - Limestone and its Flora.
  - Beck Comparison attachment.
  - Desmids and Diatoms. 3.5 pages
- **N/L 3. Jan 1986**
  - Food Chains. 1 page
  - Plants that eat animals. 1 page
  - Age of the Earth.
  - Galena.
  - Antony van Leeuwenhoek.
  - Buying a microscope.
  - Using the microscope
- **N/L 4 May 1986.**
  - Foraminifera. 1 page
  - Make your own solutions. 3 pages
  - Some Intelligent Plant Forms. 2 pages
  - Russian Microscopes. 1 page
  - Brownian Movement. 1 page
  - Cleanliness in using the Microscope

- **N/L 5. Aug 1986**
  - Manchester Museum of Science & Industry. 2 pages
  - The Culpeper Microscope. 4 pages
  - Muscae Volitantes. 1 page
- **N/L 6. Jan 1987**
  - Looking at Ponds. 2 pages
  - On the Occurrence of Wool-like hairs on the Cow. 1 page
  - Beginner's Corner. 1 page
  - Scales and Verniers. 1 page
- **N/L 7 May 1987**
  - . Death by drowning and rescue techniques (flies)
  - The Story of Zeiss - a most extraordinary story. 5 pages
  - Objective Magnifications. 1.5 pages
- **N/L 8 Aug 1987**
  - The Zeiss Range today. 1.5 pages
  - Spiders.
  - The Liverpool Microscopical Society.
  - Obituary - Matthew Leslie Bellis (Liverpool M.S.)
  - The Postal Microscopical Society.
  - The Manchester Microscopical Society.
  - Diptera (two winged flies). 1 pages
  - Making Dry Mounts of Beetles. 1 page
  - Beginner's Corner - The Real Image & the Virtual Image
- **N/L 9. Jan 1988**
  - Obituary - Harry Barker (Manchester M.S.) 1 page
  - The Study of Insects. 1.5 pages Diptera (continued).
  - The Change to 160mm Tube Length.
  - Beginner's Corner - The Laws of Refraction. 1 page
- **N/L 10 May 1988**
  - Free Range Eggs (Vapourer Moth). 1 page
  - Beginning the Study of Spiders. 1.5 pages
  - The Reverend Dr. W. H. Dallinger
  - The Use of Tube Length Adjustment to compensate for variations in cover glass thickness. 1 page
  - Glycerine Jelly Mounts. 1.5 pages
  - Buxton Micrarium. 2 pages
- **N/L 11 Aug 1988.**
  - Obituary - Stanley Meakin. 1 page
  - Introduction to Fungus. 2 pages
  - Suggestions on How to make a start on Mosses & Liverworts
  - Flatters and Garnett. 2 pages
  - The Rev.Dr. W.H. Dallinger, Keswick, and Musical Rocks 2 pages
- **N/L 12 Jan 1989**
  - . Bladderworts
  - Professor Howey and Lacrymaria olor
  - Setting up a Microscope for Source-focussed Illumination. 1 page
  - Nummulites. 1 page
  - Dark Ground Illumination. 2 pages
- **N/L 13. May 1989**
  - Report of a talk on Photomicrography. 1 page

- Furnivel Wood and Brass Camera, c1870. 1 page
- Appearance and Reality - Interpreting the Microscopic Image. 4 pages
- The House Fly Fungus.
- Royal Microscopical Society, 150th Anniversary.
- **N/L 14 Aug 1989**
  - Phylum Protozoa, Foraminifera. 1 page
  - A Note on Tuffen West (Victoria illustrator) 1 page
  - The Micro-telescope (early part of the century) 1 page
  - The Early History of the Manchester Micros. Society 1 page
  - The Colour Reversal Club.
  - House Dust, Skin Flakes, etc. 2 pages
- **N/L 15 Jan 1990**
  - The Mossy World of Water Bears (Tardigrades) 1 page
  - Scales of Lepidoptera.
  - Mimosa and its Stimulus.
  - John Benjamin Dancer, Originator of Microphotographs. 2 pages
  - The Micro-telescope - readers' comments. 1 page
- **N/L 16 May 1990**
  - Making Plant Sections - Part 1. 3 pages
  - Animal Colours
  - Where Can I Find Diatoms?. 1 page
  - The MPS-1 Stereoscopic Polarising Microscope. 1 page
  - The Froghopper.
  - The Micro-telescope - further readers' comments. 1 page
- **N/L 17 Aug 1990**
  - What are Desmids? 1 page
  - Polarisation
  - Ornithology
  - Making Plant Sections - Part 2. 2 pages
  - Some Aspects of Photomicrography. 1 page
  - Nikon S-Kt Microscope. 1 page
  - Readers' letters - White Cardboard Slides.
  - Mimosa
- **N/L 18 Jan 1991**
  - The Leeuwenhoek Microscope. 1 page
  - Cluster Flies
  - Taking Up Lichens. 2 pages
  - Printers' Pie. 1 page
  - Rotifers and How to Find Them. 1 page
  - Bumble Bees.
  - Prior Stereoscopic Microscope
- **N/L 19 May 1991**
  - Pseudoscorpions. 1 page
  - There are Fairy Flies at the bottom of our Garden.
  - Animals in Water Mains. 3 pages
  - Add a Little Colour to your X-Polars
  - Heath Robinson and the Microscope
  - Close Focus Optical Aids.
  - Prior Stereoscopic Microscope (further comment)
  - Watson Bactil-60 Microscope. 1 page

- Prism Arrangements in Russian Binocular Microscopes
- **N/L 20 Aug 1991**
  - The Dance of the Honey Bee. 2 pages
  - Objectives, Condensers and their effects. 3 pages
  - Fleas
  - Home Made Microscope Working Cabinet
  - The Baker Patholette Microscope
- **N/L 21 Jan 1992**
  - A Microscopic Loch Ness Monster - Lacrymaria olor. 3 pages
  - The Microscope in Use (an article for beginners). 3 pages
  - Microscopy in Schools
  - Notes for Converting a Biological Light Microscope to a Polarized Light Microscope. 1 page
  - Stage Forceps
- **N/L 22 May 1992**
  - Microslide Tubes. 2 pages
  - The N.B.S. "Polarspex"
  - Crystals
  - Spring
  - Searching a Slide. 1 page
  - Greenfly
  - A Short History of the Watson Microscope. 4 pages
  - Louse Flies
- **N/L 23 Aug 1992**
  - Instructions for culturing Lacrymaria olor. 1 page
  - Those were the days (microscope cases).
  - Pets Not Allowed ? 1 page
  - Letters to the Editor re Microslide Tubes. 2 pages
  - Ultra Violet Fly Control Traps
  - Stereo Saga : Pyser-Brytex Technolite, Watson 10-50, Swift M880 and Zeiss Jena Technival. 2 pages
  - Books - (1) Savona Books, (2) A Handbook of Sand
- **N/L 24 Jan 1993**
  - Aspects of Microscopy I find interesting. 1 page
  - Microtubules and Aquatic Microscopy. 1 page
  - Cleanliness is Essential (clean lenses)
  - Overlooked Urban Habitats
  - The Ray Society
  - A Watery World beyond our eyes (Desmids) 2 pages #
  - A Beginner's Microscope : Prior Science Master and Zeiss (Oberkochen) KM. 1 page
  - A Microscope Box
  - Mineral Oil
- **N/L 25 May 1993**
  - A Weird Wee Beastie - Trichoplax adhaerens. 3 pages
  - The Hunting Wasp. 1 page
  - Making and Using a Macro-Photo Stand. 3 pages
  - Stereo Saga continued. 1 page
- **N/L 26 Aug 1993**
  - The Great Diving Beetle. 2 pages

- The Microphotographic Slides of J.B.Dancer & R.Suter. 5 pages
- William Webb, Glass Engraver Extraordinary. 1 page
- Help, Help, re identity of microscope.
- Going Video Progress Report. 1 page
- **N/L 27 Jan 1994**
  - Collecting Aquatic Samples. 2 pages
  - Beekeeping and Microscopy. 1 page
  - Russian MBS-9 and MBS-10 Stereoscopic Microscopes. 6 pages
  - Of Badgers and Wasps
- **N/L 28 May 1994**
  - The Structure and Habits of Small Crustaceans. 2 pages
  - The Natural History of Cast Irons. 1 page
  - The Anatomy of Insects - Study for the Stereo microscope 2 pages
  - Open Competition for Microscope Slides
  - Vickers CTS400/4000 Microscope. 2 pages
- **N/L 29 Aug 1994**
  - Micro-whales, Trumpets and Crystal Goblets. 2 pages
  - National Pollen Bank. 1 page
  - Making Pollen Slides. 1 page
  - Letter to the Editor re Watkins & Doncaster
  - How to get it wrong with Fungi. 1 page
  - Photomicrographic Tube for the Russian MBS-10
  - Polarizing Unit for the Russian MBS-10. 2 pages
  - The Society's Library. 1 page
- **N/L 30 Jan 1995**
  - Mendel Rediscovered. 1 page
  - Where have all the Suppliers gone?
  - Killer Bees
  - Pond Net
  - Pond Dipping. 1 page
  - River, Canal, Reservoir, etc. Danger Zones
  - Diamond Writing. 6 pages
  - Bible Slide
  - Letter to the Editor re genus etc. names. 1 page
- **N/L 31 May 1995**
  - Where have all the Insects, Spiders and Birds gone? 1 page
  - Some Notes on Microtechnique, A Note on Collecting in Cold Lakes, and Copepods. 1 page
  - Museums having displays of microscopes. 2 pages
  - The 'Olfa' Compass Cutter for cutting discs
  - Wasps Nests
  - The Beck Optomax Microscope 2 pages
  - Insect Pests
  - Beware! There's a Nip in the Air 1 page