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**THE ARCHIVES OF THE
BRITISH ASTRONOMICAL ASSOCIATION:
A PROVISIONAL DESCRIPTIVE
CATALOGUE**

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Archivist

NOT FOR PUBLICATION OR DISTRIBUTION

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INTRODUCTION

In 1981 November, the BAA Librarian Mr J. Leslie White asked me if I (as a frequent visitor to the Library) would be able to catalogue the Archives of the Association held at Burlington House, in the days when the Association occupied three rooms (or to be more exact, two and a half) on the upper floor. (These were the apartments previously lived in by that legendary RAS personality, W.H.Wesley, up till 1922, and the WC still possessed its original Victorian fittings.)

The papers were stored in a large double cupboard beneath a bookcase in part of the library, in the room on the left side of the corridor furthest from the staircase and in a tall wooden cabinet. Other obvious sources of Archives were located in different parts of the Library and added to the collection. For example, I found a brown paper parcel of logbooks of B.M.Peek which had been deposited on top of a bookcase. At the time this room was shared with the London Mathematical Society, but eventually the Association did a swap with the LMS for the room opposite, and the LMS the one on the left, so the Archives had to move. There was also a kitchen which contained back numbers of the *Journal* and other publications.

A BAA Archives catalogue was produced, revisions made in 1986 and 1989, and copies duly given to the RAS, Cambridge University Library and to the Institute of Astronomy at Cambridge University, *etc.* Since then some items have been retained by Sections, and some Section material has been taken into the central Archive. In a very few instances I have noted certain expected items missing, and have referred to these in the catalogue. Some office-related documents I have not yet encountered, although they have been listed here, for I believe they are within a very large pile of documents and ledgers held in a wooden cabinet at Bedford store, which I have not been able to examine yet in detail.

At the time, the BAA held a large collection of papers given in the 1930s to the Association and its nascent Historical Section by the Radcliffe Observatory Oxford, upon its move to South Africa. These papers of the Radcliffe observers were of great interest, but the Council Minutes relate that the majority had been transferred to the care of the RAS in 1978 when Dr Jim Bennett was employed to catalogue the RAS Archives. The remaining papers in our custody were given to the RAS more than a decade ago, at the time when it was finally decided to dispose of most of the BAA Library. (This sad closure was necessary because, following modernisation of the entire building, the BAA was offered only a single large room (the Herschel Room) for its offices on the first floor.)

Over the years and particularly since my appointment I have pursued a policy of deliberately acquiring any records and notebooks of famous BAA observers, and many of the items now in our collection have been added since 1981. These items are listed under Category A below.

The Library has sometimes been a safe storage place for Section records. In 1956 a large quantity of unpublished Mars observations covering the period 1922-1954 had been deposited there by E.H.Collinson. Through the offices of Dr D.W.Dewhurst a further box of Mars Section papers (completing the period in question) was located at Churchill College Cambridge, having been deposited years ago (we believe during WW2) in the RAS Library, and subsequently innocently transferred there where Dr Bennett carried out the sorting of the RAS Archives. All of these were transferred by the writer to the Archives of the Mars Section in 1980. In the 1890s it was the practice of the Jupiter Section to place the drawings received from observers in large albums. These too were stored in the Library, where members could see them, and they are still in the current Archival collection.

In the catalogue I have indicated the provenance of items acquired since 1981, or, if I could find the information, for earlier items too. If there is no indication of provenance, then the item was already in the archives in 1981.

In the past, most Section Directors stored their Section records at their private homes. In recent years many of them have preferred to make use of our storage depot at Bedford. These records, although they also comprise Archives of the Association, are not the subject of this catalogue (unless deposited in the distant past), as they are under the control of their respective Directors.

In addition to the notebooks of individual observers, there are many items from the Office that form an important part of the collection. The volumes of Council and Trustee Minutes are very significant, and were among the earliest papers to have been professionally scanned by Max Communications of Woolwich. We also have Minute Books of the meetings of the BAA, signing-in books, signed Council Attendance records, and many pre-computer membership records comprising ledgers with the names and addresses of members. These form Section B of the catalogue.

Category C lists those historical Section Archives which have for many years (as mentioned above) been in our central collection.

Category D deals with our publications. Here I have attempted to list every publication ever produced by the BAA. These include the expected *Journals, Handbooks, Memoirs, Circulars, etc.*, the many Section Circulars, specialist observing guidebooks, solar eclipse CDs, year planners, *etc.*, as well as more unusual and mundane sales items such as BAA pens and sweatshirts.

We have retained in the Archives a few hundred ex-library books, which have either been written by famous members, or deserve, through various means of association, to be preserved by us. The bulk of this Retained Library (comprising less than five percent of our former holdings) has not been listed here, nor have the various telescopes and optical items comprising the Heritage Instrument Collection. However, in Category E I have given details of some large format items from the Library where they relate to famous ex-members.

The Michael Saunders Archive (held at Bedford store) is not listed in this catalogue. This set of papers was acquired by the BAA in 2017 and a catalogue of them published in order to meet the terms of his Will, so that the BAA could (and ultimately did) receive a large financial legacy. The papers deal with topics such as the orientation of Stonehenge, the survival of technology through future crises, and extraterrestrial intelligence. A Catalogue was prepared and published (*anon.*) by the Archivist and Mrs H.McGee, and circulated to all the UK Copyright libraries, 2018. A copy of the catalogue is archived in Woolwich.

The intention is to place an edited outline version of this catalogue, and to insert hyperlinks to those parts of the Archives that have been scanned (in whole or in part) and placed online. Mr John Chuter, my fellow Archivist, has been heavily involved in this latter aspect of the collections. It will be an evolving process, and further detail will be added as is considered appropriate.

Finally, the Archive should not be regarded as a purely static collection, and potential donations to it and to the Retained Library will always be considered by the Archivists. We shall be glad to hear of any such donations.

R. J.McKim, *Archivist*

Locations codes (for the bulk of the items cited):

- W** Woolwich store (at Max Communications Ltd.)
- B** Bedford store (at Bedford Self Storage)
- A** Archivists (mostly electronic files)

The retained Library is in Woolwich.

CATEGORY A

ARCHIVES OF INDIVIDUAL ASTRONOMERS

A star * indicates that some or all of the materials have been scanned, or exist only in electronic format. Other physical archives materials will be scanned as time and funds permit.

I have indicated the whereabouts of other Archives of the same observers, insofar as I am aware of them. I have also indicated the presence of books written by these particular individuals where they are held in our Retained Library.

We hold a set of BAA Presidential Portraits. (W) These however are cited only for those listed below who had held that office.

Frank Acfield (W)

A significant collection of his solar and planetary observations, from 1924 to 1956, on loose sheets. Also some correspondence with other BAA observers, and some photographs. Donated by Mrs Margaret Fisher, 2017. A list is kept with the collection.

A Mars notebook by Acfield, donated earlier by Mrs Fisher and covering the same period, is kept in the Mars Section Archives.

A photograph album of observers and their telescopes by Acfield was offered for sale by a dealer in New York, as mentioned by the writer in a note in the *Journal*, volume **130** no. 5, in 2020. Copies of a few pages are held by the Archivist.

Makoto Adachi* (A)

Mr Adachi of Japan sent us in 2021 all his original logbooks mostly for Mars and Jupiter, 1972 to 2020. These will either be kept at Bedford or by the Section Directors; they are currently with the Archivist. Mr Adachi has already scanned all of the observations (albeit at low resolution) and placed them online at the ALPO Japan (JALPON) website.

G.E.D.Alcock* (A)

A pdf copy of Alcock's 70 pp. typescript autobiography, *Beyond the Fringe*, scanned and presented by Martin Mobberley in 2016. This was compiled for H.E.Dall in the early 1980s and a few copies distributed to friends. Alcock's biographer, the late Mrs Kay Williams, also possessed a copy.

Dr A.F.O'D.Alexander* (A)

Electronic copy of an undated portrait of Dr Alexander in old age. The original print hangs in the SHA Library, and was given to the SHA by its President, G.E.Satterthwaite (being the latter's mentor). A high resolution scan was given to the BAA by SHA Librarian and Archivist James Dawson, in 2016.

Electronic copies of photos of Alexander and other BAA members visiting and working at the Pic du Midi in 1949, taken by Dr D.W.Dewhirst, scanned by courtesy of Dr Mark Hurn, IoA, Cambridge, 2021. Some were published by the Archivist in a *From the BAA Bookshelf* piece about Alexander in the *Journal* for 2022 April, p. 122.

Further printed photos of Alexander from the 1940s and 50s are held by the Mars and Saturn Sections.

Alexander's classic books on the subjects of Saturn and Uranus are held in the Retained Library.

Anon. Lunar drawing (W)

Small drawing of the Plato region of the Moon on card by an unknown observer, 1863, with 5.5 inch Cooke OG. Initialled 'W.M.O' (more likely) or 'W.M.D' (?) In 1981 this was found in a tray of loose MSS in the BAA archive cupboard.

Mary Ashley (W)

Six hardback lunar observing notebooks, volumes 2-7, 1878 July 3 till 1885 February 17, the observations done with a 4-inch Wray refractor. Mostly descriptions, with a (very) few pen and ink line diagrams. This observer lived at 16 New King Street, Bath, the very same street as Sir William Herschel (but at a different address). The volumes were given to the BAA in 1908, as recorded in the *Journal* at the time.

There is also a notebook of Jupiter observations, 1880 Jul 21 to 1883 Mar 15, with some rather low resolution drawings.

Michael Atchison (W)

M.F.Atchison was an active lunar and planetary observer, working at Hampstead and Mill Hill observatories from the 1940s to 60s. His papers and astronomical drawings could not be obtained by the writer after his death, but years later were purchased at an auction of his effects.

The papers in the Archives consist of his correspondence (mostly) with various BAA Section Directors and the Office, from 1946 till the 1990s. Included are two typed annual

reports of the Hampstead Observatory, 1958 and 1959. His Mars drawings have been transferred to that Section's Archives.

Professor Vinicio Barocas* (W)

Presidential Portrait.

Photographs on glass plates of his expedition to Persnäs, Sweden, for the 1954 Jun 30 total solar eclipse. Some astronomical (5x5 cm) showing the solar chromosphere and the corona, some of the campsite, local scenes and culture (3x3 inch; 2 boxes).

An A4 envelope containing: a CV and publications list up to 1979 of Barocas, photos of Barocas with the late Wilfred Hall, 1941, at the latter's estate at Hepple, miscellaneous photos (not all by Barocas) of Comet P/Halley 1986, and of Abinger (where he had worked), one taken on his 100th birthday, and a newspaper cutting,

8 mm colour cine film showing the replacement of the dome at the Jeremiah Horrocks Observatory at Preston, 1964 Feb 25. (The telescope was Wilfred Hall's 15 inch refractor. It had originally been offered to the BAA.)

Biography of Barocas (Word document) by Ian Cuerden (Preston, Lancs.), presented, together with all the other materials by the latter. 2019.

Richard M. Baum (B)

Miscellaneous papers, a portrait, and a few observing notebooks. Presented by Mr Julian Baum and transferred from Chester by Prof W.J.Leatherbarrow. Richard Baum's voluminous copies of materials relating to the discovery of Neptune, 1846, and of its planet ring (including a complete photocopy of the relevant notebooks of William Lassell from the RAS Archives), were given to the Institute of Astronomy at Cambridge, by the Archivist, due to its association with the Neptune search. A complete list of the archive is kept with the collection.

Four other observing notebooks are being held temporarily for Julian Baum at his request by our member Andy Stephens. We expect they will later be transferred to the BAA.

Some of Baum's published books are held by the Retained Library.

E.A.Beet (W)

Presidential Portrait.

Notebooks. A mixture of general notes and astronomical observations with a small aperture:

(1) Notes, 1917-18

- (2) Double stars 1922-23
- (3) Double stars 1923-24
- (4) Miscellaneous 1923-24
- (5) Miscellaneous 1924-31
- (6) Miscellaneous 1930-36
- (7) Miscellaneous 1936-47
- (8) Miscellaneous 1947-62
- (9) Miscellaneous 1963-75 (includes the total solar eclipse of 1973)
- (10) Miscellaneous 1976-93

Reprints of his papers, mostly of an educational or historical nature.

Beet's files relating to BAA business (outside of the Historical Section, which he directed) are held by R.J.McKim, having been presented to him by Beet in 1990. They will be passed on to the Association later.

Some of Beet's published books are held in the Retained Library.

Walter Besley (and Prof. Alexander Herschel) (W)

A hardback notebook associated with former Meteor Section Director Besley containing a beautiful handwritten MS, part of the report of the Section for 1901. With a letter from Besley to the then Editor of the BAA publications, F.W.Levander, and a BAA Library stamp. Inspection of the published Meteor Section *Memoir* for 1901 (*Memoirs*, volume **11** part 1 (1902)) reveals that Prof. A.S.Herschel drew up a series of notes on true paths of meteors for 1901, and that only some examples of his notes were published, and that the rest of his notes (herewith) would be available in the Library.

David Booth* (A)

In 2021 David Sellers (Leeds Astronomical Society) contributed a scanned photograph believed to be of David Booth, the first Director of the BAA Meteor Section (together with Leeds AS member H.J.Townshend and his telescope). Booth was also a telescope maker who lived in Leeds.

Miss C.M.Botley* (A)

Two scans of published photographs of Miss Botley, from S.R.Dunlop, 2016.

Keith Brackenborough (W)

A set of 175 35 mm colour slides of the *Monte Umbe* 1973 total solar eclipse cruise was donated by Keith Brackenborough in 2023 (*Journal*, **133** (3), 190 (2023)), while other printed materials relating to the event were loaned to the BAA for copying.

Ben Burrell (W)

Burrell was a longtime Assistant to the Director of the Mars Section. Burrell's daughter Miriam Burrell also gave the current Archivists his observing notebooks, as described in R.J.McKim's paper on 'Barker's Circle' in the *Journal*, which are now in the care of the Jupiter and Mars Sections. Other auroral photos were passed to the Aurora Section. Two notebooks of Circulars exchanged with the Circle members were passed to the Lunar Section. The Mars Section also holds some further photographs of Burrell and his telescopes. The items stored centrally are:

Photographs of a great auroral display of 1947, observed from Doncaster, Comet Arend-Roland 1957, a Perseid meteor 1946, automatic meteor camera, sunspots 1936, and the *Echo 1* satellite, 1960 September.

Photographs of his own equipment and of a 1961 visit to Herstmonceaux.

Correspondence with G.F.Kellaway, 1941.

A large colour transparency of Messier 31 obtained from CalTec, 1959.

Hardback notebook with a few miscellaneous notes and drawings of Saturn, 1933-1951.

Notes for a lecture on Astronomical Photography (to Leeds and/or Nottingham AS).

Correspondence re. a 6.5 inch mirror by Calver which was owned successively by A.P.Norton (correspondence included), Burrell and others.

F.C. Butler* (W)

Notebook of Mercury and Venus observations, 1952-53. Given to R.H.Chambers by Fred Butler, who made the observations when he was just starting to observe.

Donald A. Campbell (B)

Presidential Portrait.

Letters from Campbell, H.B.Ridley, J.C.Codling, J.Heywood, P.G.Murdin, J.K.Sabbagh, A.W.Heath and G.Fletcher to BAA member K.Stevens discuss the early work of the Association in the field of Radio Astronomy (1956-), and were donated to the BAA by the daughter of Stevens, Debbie Murray, in 2015. Stevens was involved with practical Radio Astronomy in Derby and many of his correspondents were early officers in the BAA Section.

(For more relating to Stevens, see under **BAA Subscriptions** in Section B)

Roland L.T. Clarkson* (W)

Unbroken series of hardback observing notebooks (Nos. I-XVII) covering the period 1906 January - 1954 February. The earliest one has been rewritten by Clarkson.

Two separate slightly larger format softcover notebooks cover the total solar eclipse of 1927 and the total lunar eclipse of 1932. (<https://britastro.org/downloads/10411>)

A wooden globe (roughly 16 cm diameter) of the planet Mars constructed in 1909 and painted with albedo markings according to the maps of Percival Lowell, according to a label on the wooden plinth.

These materials were all left to the BAA after Clarkson's death.

Before the appointment of R.H.Chambers as Archivist a boxfile of Clarkson's correspondence, mostly relating to his paper (1953) on the origin of lunar formations, was in our collection. Correspondents were T.L.Macdonald (1940s) and P.A.Moore & E.A.Whitaker (1950s). Now it is not, and I think that Chambers destroyed it.

A Diary of Venus observations, copies by Clarkson of the originals in his notebooks, is now in the care of the Mercury & Venus Section.

E.H.Collinson (R.J.McKim)

Presidential Portrait.

Shortly before his death, Collinson gave his private correspondence files and notebooks to R.J.McKim. It is the intention to place these with the BAA later. Meanwhile, his Mars and Jupiter notebooks are already held by those Sections, and a notebook of Variable Star observations was given to that Section.

Andrew Ainslie Common (W)

Large framed lunar photograph taken in 1880 from his observatory in Ealing. Presented to the BAA by Mrs Mavis Treen, 2022. A few xerox copies of notes on similar photos already held by the Royal Society and the RAS are included.

Henry Corder* (W)

A small format illustrated observing diary covering 1879 to 1882, from this former Director of the BAA Meteor Section. This was acquired by the BAA Office during the time E.Watson-Jones was Assistant Secretary.

H.W.Cox (B)

Observational and working notebooks of Harold W.Cox, including results of his early experiments with Schmidt cameras. Housed in one large box. Deposited by, and contents listed by, Mike Frost, 2012. (Cox was one part of the firm Cox, Hargreaves and Thompson. See also **F.J.Hargreaves**.)

- (A) Logbook for 1938
- (B) Mitcham Observatory, 1938 Aug 12
- (C) Variable star notebook: this was passed to the VSS by Frost in 2012.
- (D) Eight boxes of process plates of astronomical images.
- (E) Pictures of Cox observatory and of Cox receiving medal.
- (F) Cox, Hargreaves and Thompson brochure and b&w glossy prints of observatories (Herstmonceux, Castel Gondolfo, *etc.*).
- (G) Instrument design and construction notes, 1956 May.
- (H) Copy of *Applied Optics* by Steinholt & Volt.
- (I) Optical notes 1946.
- (J) Electronics (including Stereo) cuttings, 1956 July.
- (K) Miscellaneous correspondence.

A.C.Curtis (B)

Photographic materials and a few papers from the founder of the BAA's Winchester Weekend course.

Miscellaneous correspondence. Correspondents include F.J.Acfield, with some of the latter's photographs, and H.Wildey.

Photographs (on glass plates) of Venus, the Moon, starfields, and bright comets, *etc.*, kept in the small boxes used for storing photographic plates.

Plans of his observatory (early 1950s). The telescope was the 12¼-in Newtonian of A.A.C.Eliot Merlin, then on loan from the BAA, and there is a letter from F.J.Dykes (1953) to Curtis about how the latter himself had used that very instrument in the 1890s.

These papers were acquired from Mrs Mary Lawton in 2016, having been given to her by Mrs Myra Curtis, the widow of Alfred Curtis.

(In the 1980s the writer had attempted to obtain the observational notebooks of Curtis without success. Mrs Lawton did not have the notebooks, and thinks they may have been given to a local records office or historical society.)

G.T.Davies (W)

G.T.Davies was an active BAA observer living in Reading in the 1890s. Later, he went to live in Australia, from where we received a photocopy of his observing notebook covering the years 1892-96.

W.F.Denning* (W)

A small observational scrapbook from around 1903 containing his observations and drawings as well as some drawings by others. Also some cuttings from periodicals. Donated by the Bristol Astronomical Society in 1990.

A large hardback scrapbook mostly of MSS articles and reprints by Denning, formerly held in the Archives of the BAA Meteor Section.

Denning's *Telescopic Work for Starlit Evenings* is held by the Retained Library.

The RAS owns a celestial globe of Denning's (given to them in 1940 by Denning's sister) and a Jupiter notebook containing the work - mostly drawings - of Denning and others.

Dr D.W.Dewhirst* (A)

For this former Director of the BAA Solar Section, see under **Dr A.F.O'D.Alexander**.

Dewhirst's papers are held at the Institute of Astronomy, Cambridge.

T.G.Elger* (W)

A complete series of six lunar observing notebooks, mostly annotated pencil drawings and watercolours.

General notebook

A general large format notebook containing other observations, primarily Jupiter, from the 1880s (with a little earlier work; the date range is 1867 to 1882).

Lunar notebooks

All hardback, smaller formats than the above:

- (1) 1871-1883
- (2) 1883-1885
- (3) 1885-1886
- (4) 1886-1888
- (5) 1888-1889
- (6) 1889-1896

These were donated to the BAA in 1954 by Bedford Library, and were held for many years by the Lunar Section, and it is extraordinary that they were partly dispersed by P.A.Moore during one of his terms of office. In 1981 only one was to be found in the Archives in London. Through the efforts of C.A.Ronan when President, further

notebooks were returned: from G.E.Satterthwaite and P.A.Moore, while after further enquiry Dr R.J.McKim obtained the larger format notebook from a Scottish astronomer (who had received it in the 1970s apparently as a gift from Moore). Dr J.W. and Mrs Mason's considerable efforts to locate the two still missing in 2012 (Nos. 3 and 4) were rewarded after an exhaustive search in Moore's home, so that the complete series has now been restored to the BAA Archive. They have all been rebound.

Three large pen and watercolour lunar drawings by Elger mounted on card, and labelled as having been part of the former collection of drawings (intended for exhibition) are held in the BAA Library:

- (A) Copernicus, 1889 Mar 11;
- (B) Walter, &c., 1889 Mar 9;
- (C) Cassini, Theatatus, &c., 1892 Apr 4.

Highlights have been added with white paint.

A bound collection of papers of W.R.Birt, signed 'T.G.Elger, Bedford' upon the flyleaf, was given to the BAA as part of some MSS of W.S.Franks, in 2024 May. It includes such items as the Outline Lunar Map (&c., &c.) with catalogue of 203 objects, from the *Report of the British Association* 1866, by Birt, and reprinted for private circulation in 1867. This item is kept with the other Elger materials.

Elger's book *The Moon* is held by the Retained Library.

A series of personal Diaries by Elger is held by Cambridge University Library.

Canon W.F.A.Ellison and M.A.Ellison* (A)

The original papers and notebooks of the Irish optician and his solar astronomer son were in the possession of M.A.E's son, Commander Ellison, who contacted the BAA about the materials in 2012. R.J.McKim was thereby able to borrow and photocopy the notebook of W.F.A.E. for the Mars Section, and to obtain copies of photographs of the spectroheliograph of M.A.E. and of his portrait. Glass slides of RAS meetings were also scanned in order to obtain pictures of former Mars Section Director P.M.Ryves, whom had been identified upon them. Since then all the materials have been donated by Cdr Ellison to Sherborne School (where M.A.E. had been a science master in the 1930s and early 1940s).

We also have a scanned copy (obtained from Sherborne in 2017 by Dr J.H.Shears) of the BAA party aboard a cruise ship to observe the total solar eclipse of 1936 June from the island of Chios. Observers include W.F.A.Ellison, F.J.Hargreaves, J.Evershed and Mrs Evershed, Mary Proctor, W.H.Steavenson, Rev. T.E.R.Phillips, Dr Axel Nielsen and Will Hay.

Books by father and son can be found in the Retained Library.

Edward F. Emley (Lunar Section)

In 1981 two notebooks containing an exchange of correspondence and observations between Emley and the other members of ‘Barker’s Circle’ (R.Barker, L.F.Ball, H.E.Wooldridge, B.Burrell, C.F.O.Smith and A.Simmons) were in the BAA Archives. They are now in the care of the Lunar Section (whose Archives are now curated by Prof. W.J.L Leatherbarrow). These volumes cover the periods 1934 Apr 24 to 1935 Feb 19, and 1935 Mar 13 to 1937 Nov 15 and although largely lunar materials were exchanged they also contain observations of Mars, Venus, the Sun and Saturn, *etc.* The second volume contains a pasted in letter from T.L.Macdonald to Emley dated 1966 Oct 14, apologizing for having borrowed them for so long.

John Evershed (W)

A few letters from Evershed to F.J.Hargreaves are among the **F.J.Hargreaves** papers (see later); this archive also contains a 1930s photo of the Eversheds with the family of T.E.R.Phillips.

See also under Section C, **Solar Spectroscopic Section.**

A printed report of the Kodiakanal Observatory (rebound) is held in the Retained Library.

Evershed’s complete archives are held by the RAS.

Robin Flegg

In 2023 Robin Flegg donated film records of events such as the 2004 transit of Venus observed from the home of the late Sir Patrick Moore. These are in the care of J.Chuter for transfer to modern format.

W.S.Franks* (W)

Sir P.A.Moore had acquired all of the observing records of Franks (Brockhurst Observatory; a former BAA Section Director) after the latter’s death. In the 1950s he gave some notebooks to R.M.Baum, who much later passed them on to Dr J.H.Shears to refer to for his biography of Franks for the *Journal*. They were subsequently handed to the Archivists. These cover mostly double star observations. Baum passed a lunar notebook to Nigel Longshaw, who in turn passed it to the Archivists in 2017. A notebook of finished planetary sketches was lent by Moore to P.G.Abel after 2000, and this too came to the Archives after scanning. In addition, Moore passed five double star notebooks (for 1914-18) to D.G.Buczynski while he served as double star Coordinator within the Deep Sky Section. These too, together with double star paper reprints by Franks from the *Monthly Notices*, were passed to the Archivists in 2016, and the material held up till that year are listed below:

(1) Moon notes. Softcover notebook (all the rest are hardback). Contains observations from 1921-22 plus 'Miscellaneous observations continued from Book IX' (e.g., eclipses, planets, comets and meteorological data, 1911-31, with some earlier work back to 1892, summarised from elsewhere.)

(2) Double Stars notebooks Nos. I, III, IV, VII and VIII, together with card-covered folder 'reprints of double star measures' from 'MNRAS publications Nos. I-XI', 1914-1930. No. I has inserted an undated letter from Moore to Buczynski.

Dr J.W.Mason under the auspices of the Patrick Moore Trust curated further Franks notebooks acquired from Moore's Estate, which were passed to the BAA in 2024 after scanning by the Chichester Records Office. These volumes are listed below:

(3) Double Stars notebooks [uniform with item (2) above] Nos. II, V and VI (thus completing the set).

(4) Transit Book, 1923 (-1934). Small softcover notebook used for rating the clock.

(5) A photocopy of the obituary of W.S.Franks from the RAS MN, which has been added to this collection.

(6) Hardback notebook with a typescript prepared by P.A.Moore in 1939. Entitled 'Star Colours', it comprises a typed catalogue of the work of Franks, 'arranged and collected' by Moore from the two MS volumes (presumably items (8 and 9) below) left by Franks. It includes a photo of the Brockhurst Observatory taken by Moore in 1938.

(6) Hardback notebook with a typescript prepared by P.A.Moore in 1939. Entitled 'The Moon' reproduces Franks' measures of crater diameters and miscellaneous notes (1915-26). (See item (1) above.)

(7) MS entitled 'British Association Catalogue of 8377 Stars', copied by hand by Franks. With a bookplate inside the front cover, 'W.S.Franks, Leicester'. Dated 1885 Sep 11.

(8) MS entitled 'Catalogue of the Mean Colours of 758 Stars'; 3rd catalogue, 1887. These are the personal observations by Franks.

(9) MS entitled 'Star Colour observations: Red Stars'. Franks' own observations, 1921-24.

(10) MS entitled 'Botanical Orders'. A detailed botanical MSS catalogue, extracted from various sources by Franks (1886-87).

(11) MS 'Astronomical notes and observations, also Meteorological Tables', by Franks. The index at the front shows this to be mostly meteorological. The collection is of loose sheets, and a number have rotted and decomposed.

(12) Publication by W.S.Franks and J.G.Hagen (Vatican Obsy.): ‘The Letter- and Number-Scales of Visual Star Colours’, supplement to Volume **III**, *Specola Astronomica Vaticana XV*, Rome, 1923.

Dr David Gavine* (W)

An electronic copy of the late Dr David Gavine’s 1981 PhD Thesis ‘Astronomy in Scotland 1745-1900’, in the form of a CD-ROM, was provided by Ken Kennedy in 2021.

In 2023 several of Dave’s folders concerning astronomical history, then in the care of D.G.Bucynski, were transferred to J.Chuter.

W.T.Gayfer (B)

Three self-bound volumes of beautifully typed observations, photographs and calculations by a former member of the Computing Section.

1. *Synthesis of Observations of Comet Whipple-Fedkte (1942g)*. Gayfer includes his own photographs of the comet, and his calculation of the orbit from three photographic positions. (Cleethorpes, 1945.)

2. *Notes on the Theory of Cometary Orbits*. (Cleethorpes, 1945.) Derives the equations used in BAA *Memoir* volume **21** part 2.

3. *The determination of the X, Y and Z coordinates of the Sun from the elements of the earth’s orbit*. With many other topics (dated) from 1946 up to 1957, including a photo of a large homemade planisphere.

Donated by Mrs Maggie Daly, 2016.

W.Goodacre* (W)

Presidential Portrait.

Four observing notebooks from the 1930s. These cover the following periods: 1932 Mar 13- 1936 Nov 20 (sunspots, planets and stellar occultations), 1935 Nov 22 - 1936 Nov 12 (sunspots only), 1936 Dec 1-1937 Aug 15 (ditto) and 1937 Aug 16-Dec 18 (ditto).

A Diary of a journey to Canada to see the total solar eclipse of 1932 Aug 31.

An anonymous lunar notebook was sold by the Estate of P.A.Moore after 2012 and acquired by Bob McNaught of Lymington, Hants., who found it to be one of Goodacre’s. (He also acquired (and published) a previously unrecognised notebook of W.R.Dawes from the same source.) He has self-published (*via lulu.com*) a transcribed and annotated copy of the notebook which covers the period 1933 December till 1937 January, and in 2018 donated a copy of it to the BAA, which is now kept with the other Goodacre notebooks. (This notebook should not have been in Moore’s possession, having originally been part of the Lunar Section Archive.)

Electronic copies of some 1934-36 letters from Goodacre to Lunar Section member H.E.Wooldridge were provided by the latter's daughter Erica Gaize, in 2015.

Some of Goodacre's published books are held by the Retained Library.

Patrick Moore when Director of the Lunar Section gave the MSS of Goodacre's famous lunar book to the Mills Observatory, Dundee (the current home of Goodacre's 10-inch refractor) where it remains today. This was another item formerly in the Section's archive.

N.J.Goodman (B)

Presidential Portrait.

Folder of correspondence between his Solicitor and the BAA President (G.M.Hurst) concerning the bequest to the BAA in his Will, 2002.

N.E.Green (W)

Presidential Portrait.

Large coloured drawing of Saturn, dated 1883 December, made with the 18-inch With mirror later acquired by the BAA, and still in its possession. This was published (in monochrome) in a Saturn Section report by Green himself in the *BAA Journal*, volume 7, page 239 (1897). Large drawing of Jupiter, undated, 1880s, showing the Great Red Spot when it was very large. These items were formerly in the BAA Library, for exhibition purposes, but were presented to us from the estate of the late G.E.Satterthwaite in 2015.

F.J.Hargreaves (W)

Presidential Portrait.

When Hargreaves died in 1971 his optics, notebooks and papers were acquired by Jim Hysom, and he passed the notebooks and papers to Dr J.B.Murray. In 2015, John Murray gave them all to the current Archivists. Hargreaves often made his drawings of Jupiter and Mars on loose sheets, which were given to the planetary Sections and (sometimes) returned after publication of the apparition reports. There is a collection of Jupiter observations, 1926-1947, some loose leaf, some in notebooks, though they are not quite complete for the reason stated. One of these, covering 1930-31 had clearly been received from a donor (Mrs Hilda Webster) by R.H.Chambers and has been added to the collection.

There are also some notebooks on his optical work (up till 1949, and contained in a book with his Jupiter observations for 1943-44), a hardback double star notebook (1931 Apr 30-1933 Sep 4), some photographs (Comets, Moon, telescopes, individuals), and a small

amount of correspondence with B.M.Peek, John Evershed, H.E.Dall, G.Merton, and others.

After the death of Jim Hysom in 2017, Dr R.J.McKim inquired about the famous 14-inch mirror that Hargreaves had made, and had used for all his planetary work. (It had never been part of the BAA Instrument Collection but it was used by Jim's optical company as a collimator.) It was given to the BAA in 2018 by Jim's sons in return for a small charitable donation. It is now part of the BAA Instrument Heritage Collection.

The book *The Size of the Universe* by Hargreaves is held in the Retained Library.

Cdr H.R.Hatfield (W)

Presidential portrait.

Slides of the Moon and of the 1973 total solar eclipse, taken by Hatfield, and produced commercially by Woodmansterne Ltd., are part of the BAA Publications Archive.

Hatfield's photographic lunar atlas is in the Retained Library.

Dr A.W.Heath* (B)

A collection of ring binders containing all his visual and photographic observational work from 1952-2020. This work, transferred to the BAA *via* James Dawson in 2022, comprehensively covers the Sun, Moon, eclipses, planets and bright comets. Each folder contains correspondence with the BAA Section Directors of the time. These records are presently housed in four large boxes. A complete list is kept with these.

(Examples of the drawings were published in Heath's 2022 autobiography, edited and produced by James Dawson, with a Foreword by Dr R.J.McKim.)

M.J.Hendrie* (B)

Observations, notebooks, solar and comet photographs and many photographic plates, mainly cometary and solar, covering the 1950s onwards. In three large boxes. Presented by Mrs P.Hendrie. A detailed list is kept with the collection.

Many of his comet photographic plates have been scanned and placed online by the Comet Section.

Some of Hendrie's published books are held by the Retained Library.

Prof. Alexander Herschel) (W)

See under Walter Besley.

F.M.Holborn (B)

Informal portrait of this Past President, and another photograph, both posed with the Association's 12-inch Calver reflector then on loan to him (courtesy of the late G.E.Patston and the late Dr R.F.Griffin).

A number of undated lunar photographs on very small format glass plates taken at the focus of a 3 inch refractor or his 8.5 inch Newtonian. Electronic copies of family photographs. All of these presented by his granddaughter Sally Holborn, 2016. (She retained for her family's records a 3x3 inch glass slide taken of the total lunar eclipse of 1957.)

In 2023 Holborn's Walter Goodacre Medal of 1952 was purchased from Sally for the archive.

Cdr. H.D.Howse (B)

Presidential Portrait.

MSS notes by A.J.Kinder, 2016, on the life of H.Derek Howse.

The three-volume history of the RGO written by Howse is in the Retained Library.

E.J.Hysom* (A/B)

Funeral booklet for Jim Hysom (1933-2017). See also under **F.J.Hargeaves** above.

Scanned photograph taken in Hysom's workshop in 1997 contributed by C.J.R.Lord.

A.S.King* (W)

A worn and damaged softcover notebook full of meteor path calculations, 1929 August 13-1930 April 27, in the handwriting of Alphonso King (1882-1936). [The Meteor Section Archives contain many notebooks of King's, but is listed here for earlier it had resided in the BAA Library.]

Hardback notebook of observations of meteors and variable stars, 1920-36. This was in the possession of the late M.D.Taylor, and provided by Alex Pratt. It has been rebound, and a slipcase added. With records of two Sections it will remain in the central Archive.

H.C.King (B)

Presidential Portrait.

A few papers of this BAA Past President and authority on optics and the Herschel family. Mostly professionally copied photographs of the instruments and homes of the Herschels

including an undated (but *ca.* 1970) print of a lunar photograph taken by Charles (C.G.T.) Wise through Herschel's 7-foot reflector. Also a bicentenary leaflet about William Herschel, 1938, and original MSS of H.C.King of a visit by him to exhibit a memorial at St Laurence Church, Upton, in 1933. Miscellaneous photos of famous opticians and a reprint of an article about Dollond by King. Presented by Mrs Joanna Swan, 2014.

King's classic book about telescopes is held in the Retained Library.

A.P.Lenham* (W)

A set of observing notebooks, lunar and planetary, continuous from 1950 till 1958, then odd notes from 1969 and from the mid-1980s till 1994 (with several large gaps when Lenham did not observe). Some early ones contain a few drawings by other observers (including R.M.Baum and P.A.Moore), pasted in. It is expected that his notebooks from 1955 onwards, excluding the less reliable earlier work done with a small refractor, will be placed online.

- (1) 1950-1952
- (2) 1952-1953
- (3) 1953-1955
- (4) 1956-1957
- (5) 1957-1986 (with a gap from late 1958 till late 1968, and from 1969-86)

The above presented in 1987 by Lenham, and the following by his nephew, the late John A.Gould, in 1996 after Lenham's death:

- (6) 1988-1993 (Mars and Saturn only)
- (7) 1993-1994 (Saturn only)

A booklet containing Lenham's personal reprints was not retained.

R.J.Livesey* (A)

Various photographs of Ron Livesey at BAA events provided by his son Graham Livesey, 2021. Also the Order of Service at his funeral.

At his death, Ron left behind a MS of his reminiscences (*The Sky's The Limit*), and this was transcribed by Dr Richard Miles for the Archives in 2021.

Much of Ron's materials were fittingly donated to the Astronomical Society of Edinburgh.

Percival Lowell (W)

Photographs of Jupiter mounted on card, taken by Lowell personally at Flagstaff in 1909. These were part of the archives presented to the BAA by the son of the late

G.E.Satterthwaite in 2015. (The Lowell Observatory occasionally sent prints of its photographic work to our Jupiter Section, from where these are believed to have originated.)

Dr Ron Maddison (B)

In 2023 Mrs Margaret Maddison gave the BAA some selected papers of her late husband (and former Lunar Section Director).

Reprint of a co-authored paper concerning supernova 1987A.

Photos of his appearance on a *Sky At Night* programme, and with assembled equipment ready to view a 1960s total solar eclipse from Siberia.

Correspondence with No. 10 Downing Street *re.* the loan of a Moon rock sample (photocopy), with Col. Neil Armstrong (photocopy), Arthur C. Clarke (photocopy), Dr H.C.King (concerning historical instruments), Dr A.C.B.Lovell (photocopy) and Dr Allan Chapman.

(See also under **J.H.Reynolds.**)

Colonel E.E.Markwick (W)

Presidential Portrait.

Four hardbound (approx. A4 size, in red cloth) volumes of drawing sheets of his solar observations, presented to the BAA Library in his Will. Most of their pages (of which there is a range of sizes) are now loose, and it is intended to have the volumes rebound. The years covered by each are: 1903-1908; 1909-1922; 1923-1924; 1924-1925.

J.N.Maskelyne (RAS)

J.Nevil Maskelyne was an early BAA member well-known for his photography and cinematography, and he made a film of the total solar eclipse of 1900 as a member of the BAA eclipse expedition. As mentioned in the BAA history *The First Fifty Years*, the film was subsequently lost, but it was recently (2019) discovered in the archives of the RAS, and made available online:

<https://ras.ac.uk/news-and-press/news/first-ever-solar-eclipse-film-brought-back-life>

Edward Walter Maunder & Annie Maunder (née Russell) (B, W)

Presidential Portrait (E.W.Maunder).

Photograph album (with much-faded captions) of a journey by Mr and Mrs Maunder to Cape Town, South Africa in 1909. An inscribed presentation copy from Robert Fowler.

Messrs. Heffers of Cambridge sold the library of the late Annie Maunder (*d.* 1947), but this volume was purchased at the time by local member R.W.Potts, and presented by him to the BAA, according to an inserted letter from Potts to the then BAA Librarian. (W)

An article by Mary Brück from the *Irish Astronomical Journal*, volume **21**, on the lives of Alice Everett and Annie Russell Maunder. (W)

Two archive boxes with photographs, copies of documents, and notes by A.J.Kinder relating to the Maunders. (B)

A number of published books by the Maunders are held in the Retained Library.

H.R.Maynard (W)

Maynard was an early stalwart of Hampstead Scientific Society. For years this small late 1930s notebook containing notes and a few planetary sketches had remained anonymous, having been donated since 1981 by a person unknown. The dates of certain observations, the odd 'Hampstead' observer name mentioned and the instrument used eventually identified the observer. Title: 'Notes of astronomical observations made with 4 3/8-inch Refractor by G.S.Merz of Munich and 2-inch Refractor by R. & J. Beck London.'

Henry McEwen (B)

Tables of the terminator of Venus, giving his typed micrometer phase measures for four E. and W. Elongations, 1919, 1924 and 1927. Formerly in the Library, and placed there by McEwen as an Appendix to a 1930s paper in the *Journal*.

In the Mercury & Venus Section archives we have most of the Venus notebooks of the first Director of the Mercury & Venus Section (Director, 1895-1955). Small, softcover, lined pages. Telescopic pencil sketches, some yellow tinting with crayon, with notes in blue ink (and corrections in red ink). Period covered 1892-1948. Some gaps. He is known to have been observing until 1954, but these later notebooks were not recovered after his death. Also a long series of his Venus drawings of 1900, finished, on stiff cards, and his Mercury drawings for 1923, both sets in envelopes.

R.A.McIntosh* (A)

Scanned copy of a Jupiter notebook by McIntosh of Auckland, New Zealand covering the years 1927-1936 and 1950. Another notebook for 1962-63. McIntosh was a member of our Jupiter Section.

From Gordon Hudson on behalf of the RAS of New Zealand, 2019.

Dr A.A.Martin (B)

Some undated 35 mm slides of several different Apollo Moon launches taken by Dr Martin in person. Donated by his daughter. I am not yet clear if these are of sufficient quality or interest for retention. The lack of dates is a major issue.

A.A.Elliott Merlin* (W)

Notebook of observations and miscellaneous family photographs. Also a CD ROM with electronic copies of photographs. A family tree. Presented in 2015 by Mrs Charlotte Johnson: Elliott Merlin was her great Uncle. The correspondence with Mrs Johnson is kept with the notebook.

Major P.B.Molesworth* (B, W)

A number of Jupiter observing notebooks and sets of drawings upon cards (the latter stored in small boxes), 1899-1903. These were acquired from the Estate of the late G.E.Satterthwaite in 2015 (see later note), who must have borrowed them from the BAA Jupiter Section when he was an Assistant to the Director in the 1950s. (W)

Four lunar observing notebooks, which were in the possession of Mr Albert G.Buswell (*d.* 2013), whose daughter Mrs Anne Bancroft gave them to the BAA Lunar Section in 2013, and which subsequently passed to the Archivist. Mr Buswell's widow thought he acquired them from someone at Wigan Technical College who lived in Prestwich. Many superb watercolour and pencil drawings. (There ought to be five such notebooks, according to the list of notebooks drawn up by Molesworth in the RAS Archives. Some losses have occurred; Molesworth often sent the originals through the post to the BAA Section Directors of the day.) (W)

Two Venus notebooks are held by the Mercury & Venus Section, and have been in its possession for over a century. (They were loaned to Henry McEwen in the later 1890s, and Molesworth died while they were in the latter's possession.) The RAS acquired the majority of Molesworth's notebooks and other voluminous papers after his early death, and correspondence preserved in their Archives shows that these had been obtained for the RAS by E.W.Mauder. (B)

Sir P.A.Moore* (A, W)

Presidential Portrait.

An annotated copy of the 1936 BAA Library Catalogue, marked with the books he had read or borrowed. Signed copy of *The BAA, Its Nature, Aims & Methods*, 1944. Presented by the Patrick Moore Trust, together with some materials relating to (and now held by) the Lunar Section. (W)

See under **W.S.Franks** for two typescripts prepared by Moore in 1939.

Photograph of Mrs Caroline Herschel with Patrick Moore. (n.d., 1960s)

The Mercury & Venus and Mars Sections hold a photographic copy of Moore's observational notebooks for those planets, copied in 2005 by R.J.McKim with Moore's kind permission. A copy of all his notebooks is held by the Sir Patrick Moore Trust, while the originals are at the Science Museum.

An electronic copy is kept of an earlier unfinished collaborative project (collated by Prof W.J.Leatherbarrow, 2017) to publish a BAA commemorative booklet about Sir Patrick's life. (A)

Many of Moore's published books are held in the BAA Retained Library.

B.M.PEEK* (B, W)

Presidential Portrait.

Four observational notebooks of Jupiter, 1955 to 1965. Given to the BAA by Mrs Peek, and formerly stored in the Library. (1955-56 (softcover), 1957-59, 1959-62, and 1962-65 (the rest hardback).) (W)

There are also notebooks of general observations, 1922-23, 1923-24 and 1924-32, and one of double stars, 1923-25. (W)

Letter from Brian Peek (Peek's son) to Terry Broadbank, donated by R.Mizon, 2022. (B)

Other general, Mars and Jupiter notebooks are held by the respective Sections. Peeks' book *The Planet Jupiter* is held in the Retained Library.

Dudley S. Perfect* (A)

Mr Perfect had a long professional career which included work on precise time-keeping at the NPL and the Royal Observatory at Abinger. A biography in the form of a Word document was presented by his grandson Timothy Baker in 2019.

Reverend Dr T.E.R.Phillips (W)

Presidential Portrait.

Large framed portrait, which formerly hung in the corridor outside the BAA Office. Donated by his son the Reverend John Phillips (*d.* 1979). There is also a large colour transparency of this portrait. Rev John Phillips also presented the BAA with a sidereal clock, but I am not aware of its present whereabouts.

Rev John Phillips also bequeathed to the BAA with the following notebooks of Phillips:

(1) General notebook, 1923 December to 1924 December. (Hardback)

- (2) Ditto, 1925 January to December.
- (3) Jupiter, 1923-27.
- (4) Jupiter, 1927-29 (Hardback, somewhat larger format)
- (5) Visitors book, 1913 onwards.

A meteorological notebook, 1916-20. This is no longer in the Archives as it was presented to the Met Office in 1979, according to S.R.Dunlop.

A small packet of miscellaneous photos and Phillips' correspondence, also from Rev John Phillips.

Two of Phillips' hardback notebooks were held by F.J.Hargreaves (see under **F.J.Hargreaves**), and have been added to the Phillips collection. Details as follows:

- (6) Jupiter, 1934 May 28-Jul 18; 1934 Dec 20-1935 Aug 2; 1936 Feb 13-Sep 23 and 1937 Mar 23-Nov 25.
- (7) Jupiter, 1938 Apr 27-1939 Jan 12 and 1939 May 22-Dec 27.

Handwritten note of temperature measurements during the total solar eclipse of 1905 as recorded by Rev T.E.R.Philips at Burgos, Spain. (Originally filed in a box of 'Solar Eclipse' papers by a former librarian.)

Some stereoscopic pairs of photos mainly of the Headley instruments, taken presumably by F.J.Hargreaves. These include Headley Open Days, the observatories of Merton and Newbegin, Hargreaves with the 12 inch reflector belonging to the BAA and Phillips with the 8 inch refractor on loan from the RAS.

Splendour of the Heavens, edited and written by Phillips and Dr W.H.Steavenson is held in the Retained Library.

Two A4 prints of Phillips were acquired on eBay in 2023, showing him in the 1920s observing with the 18-inch reflector (not yet inside a dome) and at the eyepiece of the 8-inch refractor. These seem to date from the time of his Presidency of the RAS.

Four previously *anon.* notebooks of Mars observations, 1899-1941, including those recorded in a general notebook for 1926-27, are held by the RAS Archives, and were identified as being the work of Phillips by R.J.McKim for the RAS Librarian Mrs Enid Lake in 1980. A complete set of xerox copies of these is held by the Mars Section.

J.P.M.Prentice

His personal observations are kept in the Meteor Section archives.

Correspondence between Prentice and T.L.Macdoanld, 1935, regarding the whereabouts of the original plates used to print the star charts by T.W.Backhouse.

A signed copy of his autobiography *Occasional Notes for my friends and other papers*, Stowprint (Stowmarket), 1980, was purchased in 2022 and is held in the Retained Library.

Mary Proctor (W)

A copy of her book *Evenings with the Stars* was donated in 2018 by Mrs Margaret Fisher, containing an autograph letter (1928) from Mary Proctor. (See the article by J.Chuter in the *Journal*, 2020 August, p. 240.)

J.H.Reynolds (B)

Reynolds used large reflecting telescopes around 1900 and submitted some photos of Jupiter used in the BAA *Memoirs*. His largest instrument, a 30-inch reflector, ended up at the Helwan Observatory. In 2023 Mrs Margaret Maddison gave the Association the materials once acquired by her late husband Dr Ron Maddison (once Lunar Section Director): a collection of 3x3 inch glass lantern slides, some large glass plates taken with the instrument, and some papers, correspondence and articles concerning Reynolds.

P.Richards-Jones (B)

The family of the late Peter Richards-Jones transferred a number of his cine films taken to the SHA. SHA Librarian J.Dawson had them converted into digital form, and two films relating to the activities of the BAA have been copied to us. The first includes a short clip of the *Monte Umbe* total solar eclipse cruise of 1973, and the second a sequence taken at a sunny Winchester weekend. Further research based upon weather records and identifying the lecture panel and other attendees has dated this definitively to 1972 July. A commercial folder about the eclipse cruise belonging to Richards-Jones was given to the BAA by J.Dawson.

H.B.Ridley* (B)

Presidential Portrait.

Early observational notebooks (13 vols., 1933-52 (with a gap, 1939-46)).

Scripts for various appearances on *The Sky at Night* TV programme, 1960s-1990.

Photos and plans of his observatory and its construction.

WW2 Army service record card and other Army and personal documents.

Folders of extensive astronomical correspondence (in particular G.E.D.Alcock, D.G.Buczynski, S.J.Evans, M.J.Hendrie, A.J.Hollis, G.S.Keitch, B.W.Manning, S.W.Milbourn, M.P.Mobberley, P.A.Moore, J.D.Shanklin and R.L.Waterfield). A few other folders contain photographic prints including the constellation of Lyra, the

occultation of 28 Sgr by Titan, and bright novae such as Nova Cygni 1975. Also a few small format glass slides of observations.

Ridley's archives were collected and forwarded to the BAA by D.G.Buczynski. Ridley's glass photographic plates were initially held by D.G.Buczynski, who scanned them for the Comet Section Archive. These have recently been passed on to the BAA Archives.

P.M.Ryves and E.W.L.Ryves (W)

Sepia-tinted photographic print with a note in Ryves's hand that it was of his 'pater' E.W.L.Ryves using a 6.5-inch reflecting telescope. According to the biography of Ryves by M.P.Mobberley, the gentleman was Ryves' paternal Uncle.

Drawings of Jupiter by E.W.L.Ryves dated 1879 Oct 1 (showing the GRS), 1880 Oct 18 (with satellite phenomena) and 1883 Jan 30. The first two are in colour. (These drawings are placed for now inside the 1895-96 Jupiter Section Album, but had originally been loose in the BAA Archives. P.M.Ryves exhibited Jupiter drawings by his father (labelled there (with a typo- probably due to the poor handwriting of Ryves Junior) as the late E.W.d.Ryves) at the 1943 April 28 BAA Exhibition Meeting. (*Journal*, **53** (4-5), 145 (1943)).

Two very small planetary notebooks, exceedingly rough, by this former Director of the Mars Section (covering the years 1922 and 1924) are held by that Section.

Pete Shimmon (B)

Small collection of 'autograph letters' and postcards to the late P.Shimmon, mostly relating to lecturers. Given by Shimmon in 2018. Correspondents (1960s-70s): H.Wildey, P.A.Moore, H.R.Hatfield, C.A.Ronan, C.G.T.Wise, I.Ridpath, P.Gill and H.N.D.Wright.

D.A.R.Simmons (B)

A collection of drawings, on loose sheets and in two large scale (A3) drawing books, of white light and hydrogen alpha solar observations by this observer from the 1970s and 80s.

Donated by Mrs Moira Hookham (daughter of Simmons), 2018. Mrs Hookham

Dr W.H.Steavenson

Presidential Portrait.

Steavenson's notebooks and some papers are held by the RAS. A complete set of xerox copies from these of his Mars drawings, 1918-1952, is held by the Mars Section, having been made by R.J.McKim in 1980.

His book *Splendour of the Heavens* is cited under T.E.R.Phillips, above. The Retained library also holds one small book written by Steavenson, and his revision of Proctor's *Half Hours with the Telescope*.

K.Stevens (B)

A collection of communications from the BAA Office to member K.Stevens relating to membership, annual subscriptions, loan of slides, *etc.*, 1955-2008. Correspondents include D.A.Campbell, E.A.Beet, J.L.White, Mrs M.Stanley and Miss Lydia A. Brown. Presented by his daughter Debbie Murray, 2015.

E.O.Tancock* (A)

A Word document prepared by Ian Ridpath in 2021, assembling notes and photographs (at Wellington College, where he served as a Housemaster) of the first Chairman of the BAA Education Committee.

Prof H.H.Turner (W)

A commercially produced vinyl LP of his talks on Astronomy (1930s). Part of a series; fairly brief recording. Not in the Archives prior to the appointment of R.H.Chambers as Archivist, and therefore added by him.

W.Cameron Walker (W)

A CD-ROM of the work of member W. Cameron Walker (*d.* 1978) came to us from Debra Holton of Crayford AS in 2017. Walker set up several school observatories, starting with a 1930s one at Mitchenden School, opened by the Astronomer Royal (and BAA President at that time) H.Spencer Jones. The CD documents this and other educational work by Walker. A biographical study was published by the SHA. Materials originally provided by Walker's daughter were digitized by Diane Clarke.

J.V.Wall (B)

A collection of papers, MSS and telescope plans. These include two projected books by Wall, one handwritten (245pages) 'Making a Telescope for Slotted Angle' and a 159 pp. typescript 'A Nuts and Bolts Telescope'. John Chuter is attempting a digital reconstruction of the latter. Other exercise books describe his other telescope projects and optical test notes. There are also notes about Crayford Manor House AS, TV programmes, photographs, a typed interview, *etc.* Donated by Mrs Wall. Housed in three boxes.

A detailed list of the contents, prepared by J.Chuter, is kept with the collection.

Dr R.L.Waterfield* (W)

Presidential Portrait.

Various astronomical notebooks dating from 1914 onwards. Of these the three comet notebooks have already been scanned by M.P.Mobberley and placed online at the Comet Section website. Most of the others (planetary, lunar, Variable Stars and general) have also been scanned and will be uploaded later.

A number of notebooks for rating his sidereal clock. (Not scanned.)

Waterfield's glass photographic plates were held by D.G.Buczynski, who had been scanning many of them for the online Comet Section Archive. These were transferred to J.Chuter in 2023 for further scanning of cometary and solar eclipse plates.

A medal from the Astronomical Society of the Pacific.

Some of Waterfield's published books are held by the Retained Library.

Dr H.P.Wilkins* (A, W)

Lunar notebook 1953, covering his observational work at Meudon, given by Wilkins' daughter to R.H.Chambers at his request, who in turn gave it to the National Maritime Museum who possess the other extant Wilkins notebooks. The notebook was scanned prior to its donation to the NMM. (A)

A 'pictorial chart of the Moon' drawn with pen and ink on canvas, dated 1937, rolled in a tube. This together with the following item was not in the Archives prior to the appointment of R.H.Chambers as Archivist and it is presumed they may have come from the Crayford Manor House Society, with which Wilkins was affiliated. (W)

Hand-drawn large-scale (approximately A3) pen and ink copy of part of his 300 inch map 'to T.L.Macdonald with compliments', dated 1938. (The Lunar Section Archives contain a few further examples of such large hand-drawn copies on card by Wilkins.) (W)

Several of the published books by Wilkins are held by the Retained Library.

A. Stanley Williams

Copies of his two relatively rare books, *Zenographic Fragments I and II*, containing reports of his Jupiter observations predating the formation of the BAA, are held in the Retained Library.

All of the archives of Stanley Williams (notebooks, papers and correspondence) are held by the RAS. Xerox copies of his Mars observations and pertinent letters from this source were made in 1980 by R.J.McKim, and held by the Mars Section.

Latimer J. Wilson (W)

Correspondence between Wilson (USA), the RAS Secretaries and Rev T.E.R.Phillips (BAA Jupiter Section Director), with the unpublished MS of a paper submitted to the RAS about Jupiter's North Equatorial Belt in 1912. The RAS felt that the work would be better given to the BAA. Drawings of Jupiter in 1912. Highlights painted with lead-based white pigment, now blackened by atmospheric pollution and in need of restoration.

Given to the BAA by the son of G.E.Satterthwaite in 2015, who must have borrowed it from the Section archives when he was an Assistant to the Director in the 1950s.

Category B

BAA OFFICE AND GENERAL ARCHIVES

Autograph Letters Collection (W)

These were given to the BAA by our member F.W.Longbottom (a former Director of the Photographic Section) around 1928 and have been in the archives since then in two leather bound volumes. Longbottom seems to have collected letters from early BAA members directly, but he also acquired or purchased more historical autographs. Some pages also contain a photograph of the individual, sometimes in the form of a *Carte de Visite* or a cutting from a publication or Obituary.

A complete list of these materials was composed by S.R.Dunlop before 1981 and will be placed with the collection.

BAA Accounts (B, W)

Original records of accounts are always kept for the period required by the Inland Revenue by the Treasurer, sometimes in part in one of the BAA storage units. But we have in the Archives two bound volumes reprinting the published annual accounts from the *Journal* for 1890-1930.

In 1981 I catalogued a long series of Office ledgers recording receipts of subscriptions, etc. These consisted of a 'Cash Book' for 1897-1905 and a series of six 'Receipts' books covering 1927 till 1962, together with a number of later volumes that I did not list at the time. In 2022 there are two 'Cash Books' labelled as such in the Woolwich Archives (W). It is believed the later volumes are now stacked with a lot of other Office paperwork and ledgers in the large wooden office cupboard formerly at Burlington House and now at Bedford store. It has so far proved impossible to go through all those materials.

BAA Annual Dinner photographs (W)

Large formal group photographs, protected by archival plastic film are from the years 1935, 36, 37, 38 and 39, and contain notes upon the identification of individuals mainly due to S.R.Dunlop, Dr R.J.McKim, the late G.E.Patston and the late E.A.Beet.

A copy of the *Journal* containing an article about the Annual Dinners by Martin Mobberley is filed with these items.

BAA Grant of Arms and Coat of Arms (W)

The framed Grant of Arms, from the 1990 Centenary. Also a 35 mm slide of this document and a large format colour positive.

See the photo by J.Chuter in the *Journal* for 2022 April, p. 123.

BAA Medals (W)

A small Perspex box contains: Specimen BAA Medals (Goodacre and Horace Dall). Medals previously presented to the late H.B.Ridley (Merlin and Goodacre). A mis-printed Lydia Brown medal (not presented).

BAA Seal (W)

Metal press used to impress the BAA official seal upon important documents. With a padlock and key. It has not been used for many years.

See the photo by J.Chuter in the *Journal* for 2022 February, p. 55.

BAA Slide Collection* (J.Chuter)

A representative set of some 2000 3x3 inch glass slides from the former BAA slide collection. This collection was reduced greatly in 1980 by Mr J.L.White, and the discarded slides made available free to members. The remaining slides have been scanned by John Chuter (together with many lent to him by members who had acquired them) and a number are already available online. (The originals are still with J.Chuter.) The originals are housed in a small wooden cabinet which contains the original wooden drawers from the BAA Library. Apart from the 35 mm slides mentioned below, the 1980 collection was almost exactly the one listed in detail in the 1956 edition of the BAA Lantern Slide Catalogue.

The 35 mm slides, at the time of the Library sale being all modern commercial ones in plastic mounts, have not been retained.

BAA Stationery (A)

Samples of the different letterheads used in the past are kept, to which was added electronic copies of antique BAA reply postcards and letterheads found on eBay, 2021.

Board of Trustee Minutes* (W)

Single loose leaf folder containing a printed record of the Minutes of the Board, 2015 November onwards. (To be bound.)

Carnegie Grants (W)

Letters relating to these grants, 1958-75, collated by E.A.Beet. [From the 1981 catalogue; I have not located these papers again, yet.]

Centenary Meeting 1990 (W)

Archive box with ephemera from this event in 1990 October. Photos, programmes, tickets.

Also a programme for the BAA Halley Conversazione in 1956.

Centenary plaque (W)

Centenary plaque given by the Liverpool Astronomical Society, 1990.

Certificate of Incorporation (W)

Framed certificate of Incorporation of the BAA as a Limited Company, 1911.

See the photo by J.Chuter in the *Journal* for 2022 February, p. 55.

Council Meetings Minutes* (W)

These date from 1890. Before 1945 May 30 the Minutes were handwritten into ledgers, after which each typed and duplicated set of Minutes circulated to Council for approval were pasted in. Until recent years the Minutes were signed by the President. Unfortunately one volume covering the years 1897-1910 was already missing in 1981. I was informed later by E.Watson-Jones that an old member had informed him it could not be found in 1941 when the Library moved from Sion College to Burlington House. (The Library in one of its earlier locations was stored in a basement adjacent to the Thames which was twice flooded to the depth of the lower shelves by the overflowing river. It is recorded that several valuable books, presumably the larger items, were lost by this cause, and this may be the reason for the loss. One of the Jupiter Section albums was also recorded as being slightly damaged by ones of the Thames floods.)

1890 Oct 8 - 1896 Dec 30 (Enclosing a few loosely inserted papers; a copy of the BAA Rules for 1894, declaration of the Scrutineers of the Ballot, 1896, and a few letters, 1896-97.)

1897 till 1910 Missing: see above

1910 Nov 30 - 1916 Jul 14 (Enclosing a copy of the Bye-Laws and a similar small pamphlet for the West of Scotland Branch, 1907, and (the following now refiled) some Prospectuses for some years and a List of Members, 1915.)

1916 Oct 11 - 1930 Apr 30

1930 May 28 - 1941 Mar 26

1941 Apr 30 - 1952 Jan 2

1952 Jan 30 - 1963 Mar 20

1963 Apr 24 - 1972 Apr 26

1972 Jun 28 - 1978 Jun 28

October 1978-November 1980 (For the following I am listing only the spine titles.)

November 1980- December 1982* (See note on the following page)

September 1983-May 1988

June 1988-November 1990

January 1991-October 1992

November 1992-May 1994

July 1994-January 1996

February 1996-January 1998

February 1998-April 2000

May 2000- May 2002

September 2002-February 2004

March 2004-June 2006

March 2006-March 2008

April 2008-May 2011

June 2011-May 2013

June 2013-May 2015

June 2015-

* This volume has been labelled in error, and ends on 1983 Jun 29. Originally the Minutes for September 1978 to June 1983 were bound together but were split into two

volumes when several volumes were rebound in the period when R.H.Chambers was Archivist.

[This list needs to be brought up to date.]

Council Meetings record of attendance books (W)

A number of hardback books containing the signatures of those attending Council meetings. I believe that the book commencing in 1930 really was the first of its kind.

1930 May 28 - 1952 Feb 27

1952 Mar 26 - 1970 Feb 25

1970 Mar 25 –

[This list needs to be brought up to date.]

Diary of E.Watson-Jones relating to members' visits to the BAA Office. (B)

Late 1980s, mostly containing the signatures of Office visitors. Two volumes.

Drawing of an early BAA Meeting (B)

Pen and ink drawing (*anon.*) on card with many of the characters of the day, dated 1893. The original, which was present in the Archive in 1981 has not been found. A.J.Kinder once arranged its reproduction in the *Journal*; he was able to identify the occasion due to a lecture by Sir David Gill. However, we do have a high quality print of the drawing.

Drawing of the BAA Office at Hounslow West (B)

A drawing in pencil of the BAA Office within the home of longtime Assistant Secretary Lydia A. Brown at Hounslow West, n.d., (before 1970). Artist: Sidney Stanley. A high quality xerox copy has been found, but I have not yet located the original.

Halley Conversazione 1956 (W)

See Centenary Meeting 1990.

Instrument Auctions (W)

Several decades ago there were two auctions of those BAA instruments of a more historical nature, no longer suitable for loan. (These are mentioned in *The Second Fifty Years BAA Memoir.*) The sales details are kept in a boxfile.**Library Auctions (B, W)**

Catalogues of the BAA library residual stock auctioned, with correspondence with R.H.Chambers, Archivist, and R.J.McKim (as a member of the Library Committee), and lists of sales (2008-11). (All materials to be reunited in **W**.)

Library letter book (copy book) (W)

Kept by the successive Librarians (A.M.Newbegin 1912-19, W.A.Parr 1920-32, Mrs Vera Reade 1933-40 and Miss Lydia A. Brown 1941-44. Contains carbon copies of their outgoing letters.

Library, Slides and Filmstrips Accounts books (B)

In 1981 there were 8 blue A4 hardback books detailing the accounts of the BAA Library for the years 1944 till 1975. It is believed these are now stacked with a lot of other Office paperwork and ledgers in the large wooden office cupboard formerly at Burlington House and now at Bedford store. It has so far proved impossible to go through all those materials.

Two other notebooks likewise contained accounts for Slides and Filmstrips for 1936 till 1971.

MBE for Lydia Alberta Brown (W)

The MBE certificate signed by HM Queen Elizabeth II, was framed in the BAA Office.

See the photo by J.Chuter in the *Journal* for 2022 February, p. 55.

Members' Meetings record of attendance books (W)

A number of books containing the signatures of members and their guests. The last one is at present a large collection of sheets in a ring binder. Later they may be bound. The practice of in-person meetings and of 'signing the book' was dropped during the 2020 COVID-19 Pandemic. There is no indication of an earlier volume to the one commencing in 1914. But as with the Council and Meetings Minutes, there is a later volume missing.

1914 Dec 30 - 1932 May 25

1932 Oct 26 - 1955 Feb 23

1955 to 1965 Missing: see above

1965 Oct 27 - 1974 Apr 24

1974 May 29 - 1984 Mar 28

1984 Apr 14 –

[This list is incomplete and needs to be brought up to date. The latest extant records are two folders of sheets containing signatures for all categories of meetings, 2004-2017 and 2018-. Some records have currently not been found. These will eventually be bound.]

Minutes of BAA Meetings* (W)

These date from 1890. As noted for the Council meetings above, one volume (covering the years 1917-27) was found to be missing in 1980. I was informed at the time by Mr E. Watson-Jones (Assistant Secretary) that an old member had told him it had been missing for many years, and was not in existence even in 1941 when the Library moved from Sion College to Burlington House. Before the Association was Incorporated (by the Companies Act), and up till 1976, the AGM Minutes were included with those of the Ordinary Meetings.

1890 October - 1898 June	All meetings (Includes an Agenda for 29.6.1898.)
1898 October - 1917 February	All meetings till 1910 then OMs only
1910 October - 1968 October	AGMs and SGMs
1917-1927	This volume is missing: see above
1927 April-1939 February	OMs
1939 March-1950 June	OMs
1950 October-1970 June	OMs
1969 October -1976 April	AGMs and SGMs
1970 October-1986 January	OMs; with AGMs and SGMs at the rear
1986 March-	Not presently located

A few years ago the custom of taking Minutes and OMs and reading them at the following meeting was dropped, but it was continued for AGMs and SGMs.

(The question of the missing volume has been taken up with past Meeting Secretaries.)

(Sir) Isaac Newton (W)

A small plaster bust in a glass case, about 15 cm in its long axis. Formerly displayed in the Library.

Papers submitted to the *Journal* (N.D.James)

Three ledgers exist, kept by all successive Papers Secretaries from the time of H.R.Hatfield (1960s) to M.P.Mobberley, before everything was managed electronically.

(These are presently held by N.D.James, who will transfer them to the Archivists later.)

Presidential portraits and other photographs (W)

In a boxfile. Other miscellaneous (and not yet fully listed) photographs of BAA personalities and events are included. Originally the portraits had been arranged by date, but they were refiled alphabetically by A.J.Kinder during his time as Librarian.

Roll of Members ledgers (B, W)

1

This is a very large book with thick boards, with the names and addresses of many members written into it by the early officials. (T.Frid Maunder, the brother of E.Walter Maunder, would have been one of those to do so) The names are arranged alphabetically for each successive month. The entries are all numbered, commencing with: No.1, E.Walter Maunder in 1890 October, up to No. 4559, Robert Wilkins, on 1944 Feb 23. Against these entries there are numerous signatures. It was the custom for many years at meetings to invite new members to come up to the platform and sign the book. Later, there is evidence that Miss Lydia A.Brown had posted out gummed labels for members to sign and return: a more practical system, before the practice of collecting signatures was dropped altogether. (W)

2

There is a second large volume containing Nos. 4560 to 14,832 (Dr L.H.Halroyd) on 1966 Dec 28. Because the last few dozen pages of this volume were left blank, it is clear that the Roll was discontinued with no third volume, doubtless owing to the large increase in membership in the 1960s. (W)

3

Another volume labelled 'Address Book' gives the addresses of early members from Item No. 1 above. (W)

4

Another volume of addresses relating to Item No. 2 above. (W)

5

A small notebook containing signatures upon the aforementioned gummed labels up to 1971; but these labels were never added to the Roll book. **(B)**

6

After 1966, and until the purchase of an Office computer in the 1980s, records of subscriptions and new memberships received would now be entered into small A4 ledgers, which are not listed here. Some of these were constructed by dismembering the current published List of Members and pasting the entries into these ledgers, against which further membership details were recorded. **(B)**

7

Life Membership receipts. Small booklet of printed receipts with a number torn out; many remaining. At the time it was available for 14 guineas. (Life Membership (or 'Compounding') has not been available for many years.) **(W)**

8

Membership proposal forms. The very early ones, from 1890 to 1935 were originally kept in a small wooden box. These forms, upon which the name of the candidate and details of the two proposers were originally filed chronologically and stored in the Office in 1981. They were subsequently all placed in wallet files, and rearranged alphabetically by Mr A.J.Kinder when Librarian. They were returned by Mr Kinder in 2021 and are now housed in several A4 ring binders. **(W)** (As of 2022 there are also two small packets of loose forms to be refiled.)

In 1986 I noted that proposal forms were being kept for the last three years, and then discarded due to their bulk.

Scrapbook (W)

A small scrapbook of late Victorian vintage *ca.* 1880 with clippings from such periodicals as *English Mechanic, etc.* The pages of the book are brittle but the clippings are in good order. There is nothing to indicate the owner, but he or she was clearly very interested in the Moon.

Secretarial correspondence: BAA early letters (W)

Routine Office correspondence has not been preserved, but according to a letter which has been preserved, in 1922 the son of W.H.Wesley gave the Association a packet of letters relating to the very early history of the BAA. These include an original Prospectus and Rules. A list of these documents was compiled by S.R.Dunlop before 1981 and is kept by the Archivist.

Tenancy Agreement with the RAS (A,B)

The first such agreement was drawn up for the BAA by E.H.Collinson in 1941, upon the occasion of the move of the Library from Sion College. This archive consists of an envelope containing copies of the printed and signed documents for 1958, 1981, 1983 and 2018. **(B)**

A formal letter from the BAA President to the RAS dated 2021 Oct 19 terminating the agreement is also kept. **(A)** (There was no formal reply from the RAS.)

Total Solar Eclipse Expedition aboard the *Monte Umbe*, 1973 (W)

A photograph album of the eclipse and life aboard the *Monte Umbe* cruise ship. It was not in the collections before R.H.Chambers was Archivist, and there is no note of its previous ownership or provenance. In addition there is a printed copy of the *Monte Umbe* passenger list and cruise handbook/itinerary from the Aznar Line. The Archivist holds an internet link for another source of photographs.

A video cassette copy of the professional film of the eclipse (*A Line to the Sun*) made by Alan Sidi's company was purchased on behalf of the BAA by R.J.McKim from Alan Sidi around 1990. This is kept in the same collection. It was shown at a BAA meeting in 1973.

(See also under Category A, **Keith Brackenborough (W)**.)

Total solar eclipse map for England, 1715 (W)

A framed original map of the total solar eclipse of 1715 April 22, sold by I.Senex, near Fleet Street, London, with text by Sir E.Halley. With marginal notation by an unknown hand, in ink. (I recall this may once have hung on the Library wall.)

Triennial reports of Sections (B)

The practice of requesting Triennial reports from Directors dates from around the Centenary, though some Directors had occasionally reported their work earlier, and three such hardcopy examples are filed here: Terrestrial Planets Section, 1986, Solar Section, 1995, and Variable Star Section, 1990. These would have been placed on the Council table before a meeting. Later reports were circulated electronically to Council.

***Urania's Mirror* (W)**

A rare and nearly complete set of these delicately illustrated constellation cards. These had formerly been in the Library, but were returned anonymously by an overdue borrower many years later (1990s) and are now in a boxfile. They were the subject of a 1990s paper in the *Journal*.

Videos and audio recordings of BAA meetings (B)

Audio recordings were regularly made by the late Pieter Weston when Meetings Recorder. Being made on a portable cassette recorder, their quality is not high. A box of audio tapes covers the period 1984 April 14 to 1986 March 26, an apparently complete run, and some meetings are recorded upon two cassettes. Two additional cassettes, *anon.*, but probably also by Weston, cover the meetings of 1978 January and March.

There is an additional cassette labelled '1983 June 8; total solar eclipse meeting Jakarta, Java, by John C.Fairweather.'

A number of video cassettes are also in the archives:

BAA meeting 1984 April 14 (Saturday), by (i.o.w. recorded by) Nigel Fudge (contributed by M.J.de F.Maunder, 2021).

BAA Meeting 1990 September (Liverpool) (*anon.*)

Video recordings: miscellaneous (B)

H.E.Dall, 1982, by M.P.Mobberley.

H.R.Hatfield spectrohelioscope, 1985 April, by M.P.Mobberley.

Lunar videos with 14 inch Cassegrain, 1986, by M.P.Mobberley.

CCD imaging the Sun in Hydrogen alpha, 1989, by E.H.Strach.

These cassettes were formerly in the BAA Library, and could be borrowed by members.

Appendix

Papers formerly in the BAA Archives which have been donated to the RAS

A

N.R.Pogson's notebooks

As recorded in Council Minutes of the time, three MS notebooks 'apparently by N.R.Pogson' were given by the Director of the Variable Star Section, J.E.Isles, in 1990. At this point when Isles was about to move to Cyprus, he deposited the bulk of the archives of the VSS with the Crayford Manor House AS, and decided to give the Pogson notebooks to the RAS. (The VSS archives are now in Bedford store.)

B

Items given to the RAS upon the sale of the former BAA Library

W.H.Maw observatory plans

Plans of the Outwood Observatory of W.H.Maw, a BAA President and Treasurer, drawn in pen and ink with some tinting in watercolour. This observatory housed an 8-inch refractor (formerly owned by W.R.Dawes, after Maw by W.J.Thorrogood and now at the Institute of Astronomy, Cambridge.) The plans were on a very large scale, A2 and A1 format, and had become somewhat dog-eared through being tied with string and not protected at their edges, stored in a pile of other items above a cupboard.

Papers of the Radcliffe Observatory, Oxford

Residual papers of the Radcliffe Observatory, Oxford. Given to the BAA Historical Section at its foundation in 1930 by Knox-Shaw of the Radcliffe Observatory upon its removal from Oxford to South Africa. The bulk of these papers had already been given to the RAS just prior to 1978 by J.L.White (Librarian), and were included in Dr J.L.Bennett's 1978 catalogue of the RAS Archives in the final volume of the RAS *Memoirs*, but a number of items had (perhaps by oversight) been retained and were in our possession in 1981. These Dr Bennett (nor Dr Dewhirst) had not been aware of, and were in turn given to the RAS when the bulk of the BAA library was disposed of by sale many years later.

Details of the latter items are held by the Archivist.

C

Materials from the Estate of the late G.E.Satterthwaite

A large number of interesting items were presented to the BAA in 2015 by the son of the late G.E.Satterthwaite. Some of these were briefly described in the *Journal* for 2017 February, and several items are now held in the Archives (see under P.B.Molesworth).

Older items clearly related to the RAS, its publications and history, and were handed to RAS Librarian Sian Prosser by Dr R.J.McKim. The *Journal* article is given here by way of explanation. In addition to the items listed there, we also acquired a collection of all the 1903 drawings of Mars by the BAA, which had formerly been stored in the Library and which had been missing from the Section Archives. There were also a few drawings and letters relating to the Saturn Section, which Satterthwaite had directed. These too were restored to the appropriate archives.

“Newly discovered planetary drawings by Warren de la Rue and others

In the last Council report (*Journal*, **126**, 298 (2016)) the Archivists mentioned a donation from the family of the late G.E.Satterthwaite. This included a number of old BAA publications, including a good number of Jupiter *Memoirs*, and some rare photographs of famous members. We also acquired some old Jupiter notebooks of Major P.B.Molesworth dating from the early 1900s, previously thought to have been lost, a painting of Saturn by N.E.Green from 1883 December (which I realised had been published in our *Journal* (**7**, 239 (1897)) by Green himself) and another drawing by him of Jupiter, undated, showing the Great Red Spot. These are now in our archives.

There were a number of other original observations which the writer recognised as having been published by the RAS, either in their *Memoirs* or *Monthly Notices*, and it was thought proper that these should be given to the RAS. This was done on November 30. Specifically these were as follows:

1. A set of six sheets of drawings of Jupiter with and without satellites, in 1843 and 1867, by J.Henry Griesback.
2. A set of drawings of Jupiter in 1873 by E.B.Knobel.
3. A set of drawings of Mars in 1884 by E.B.Knobel.
4. A chart of Jupiter in 1916-17 by Scriven Bolton.

Three observations by Warren de la Rue are also of great interest, for I do not believe they were ever published, nor are they listed in the catalogue of RAS Archives published by Dr Jim Bennett (*Mem. R. Astron. Soc.*, **85** (1978)). The RAS possesses other de la Rue archives, including a collection of his ground-breaking lunar and Jupiter photographs, so these observations were also handed to the RAS, but I would also like to share them with BAA members: see Figure 1. All were made with de la Rue’s 330 mm (13-inch) Newtonian. He published a few lithographs of Mars, Jupiter and Saturn within his lifetime, and I have reproduced his well-known Saturn one in Figure 2. In volume 1 of his classic work *La Planète Mars* (1892), Camille Flammarion publishes the two Mars lithographs of 1856.

Finally here is a less familiar portrait of Warren de la Rue that I found when browsing a bound volume of *The Science Monthly* for 1884 (Figure 3).”

CATEGORY C

BAA SECTION ARCHIVES STORED CENTRALLY

Computing Section letters (W)

There is no indication of the origin of any of these items but they have been combined logically in the present arrangement.

File of letters, 1947-48 relating to cometary orbit calculations; the letters are mostly to between Gerard Merton and F.R.Cripps (BAA Computing Section), but include some from L.E.Cunningham (Berkeley) to Cripps, and some MSS Comet Notes for 1931-41 'with compliments' from J.G.Porter.

Letters 1931-36 addressed to Openshaw.

Correspondence (meteor paths) between J.G.Porter and J.P.M.Prentice 1937-50. With some earlier letters with the Rev M.Davidson. (These need to be combined with the other collections.)

Jupiter Section (W)

Drawings of Jupiter from the 1890s by Section members were originally placed in large albums in the Library by the Director, Rev. W.R.Waugh. These are now kept in the Archives, separate from those materials in the care of the Director. Other collections of drawings had been mounted on cards for display purposes. (See also under **T.G.Elger**, **J.Evershed** and **N.E.Green**.)

1 Album for 1894-95

Drawings mostly upon 'Mr Green's drawing cards' (coloured warm-tinted ground, like those he prepared for Mars) arranged in order of increasing longitude. With a number of good charts.

Large size album, richly illustrated cover, but with extremely age-embrittled pages. Some tissue guards. Several drawings loose and others removed. (But see item 9.)

2 Album for 1895-96

Drawings mostly upon Green's drawing cards arranged in order of increasing longitude. With two charts. Pictorial Frontispiece drawn by H.F.Griffiths, and attributed to the BAA Library during E.W.Maunder's Presidency.

This album is of a smaller size and much heavier binding than the other four. Its heavy card pages are in good condition. Some tissue guards.

3 Album for 1896-97

Drawings mostly upon Green's drawing cards arranged in order of increasing longitude. With one chart.

Large size album, but with age-embrittled pages and some tissue guards.

4 Album for 1897-98

Drawings mostly upon Green's drawing cards arranged in order of increasing longitude. Large size album, but with age-embrittled pages and some tissue guards.

5 Album for 1899

Drawings mostly upon Green's drawing cards arranged in order of increasing longitude. Large size album, with heavy card in lieu of paper pages. A note mentions that this Album was 'damaged by the [Thames] Flood, June 1906' (though not badly).

6 Film copy of the Jupiter Album for 1890-91

This album was lent to the Lunar & Planetary Laboratory of G.P.Kuiper in the 1960s by W.E.Fox (as the latter told the Archivist in the 1980s) and they returned it together with a film copy. The film was given to the Library by Dr J.H.Rogers who retains the original Album.

7 Sheet of original drawings, 1891

This A2 sheet of card bears an antique printed label 'BAA', and comprises several dozen original drawings of that year.

8 Sheet of original drawings, 1892-93

An A3 card sheet with 12 original drawings.

9 Sheet of original drawings, for past Exhibition, 1894-95

The large (*circa* A2) card contains 20 original drawings. The card was carefully cut into four pieces by the previous Archivist for storage upon the temporary removal from Burlington House. Further investigation (confirmed by the modern typed label) revealed that the BAA Office staff had removed the loose drawings from the 1894-95 album and mounted them on card to show at an Exhibition meeting in 1979. (They also did this with original Mars drawings, which were at that time also stored at the Office.)

10 Card with copies of six drawings for 1892 in a uniform hand

Size a bit larger than A4. 12 partial sketches of the GRS area by different observers but in the same hand. Almost certainly prepared by N.E.Green, as there is a similar set for Mars, 1892, and therefore surely by him, in that Section's archives. (This and some other such cards is stamped 'BAA Library' upon the reverse.)

11 Loose MSS for 1894-95

These are in a packet and contain notes by W.R.Waugh, a letter from W.H.Maw, and observational reports by Rev. T.H.Foulkes, [Dr A.G.] Paterson and A.Henderson. Two loose sheets in plastic protectors contain written reports by G.T.Davies and E-M.Antoniadi.

12 Two albums of Jupiter photographs by I.Miyazaki, 1994

These were donated to the Library by Isao Miyazaki at the time, and portray the Shoemaker-Levy comet crash event. They have been included with the above papers for convenience.

Solar Section (W)

During the Directorship of Cdr L.M.Dougherty, all the 15 cm solar full disk drawings submitted to the Section were bound in annual volumes and deposited in the Library, of which the volume for 1980 now resides in the Archives.

Solar Spectroscopic Section (W)

BAA drawings of Solar prominences copied onto a large card, for display, 1892-93 when John Evershed directed this now defunct Section. Drawn by Evershed.

Variable Star Section (W)

Microfilm of typed observational sheets, arranged alphabetically by star, of the Long Period Variables, 1930-34. Unlike previous publications by the VSS this epoch was published as a microfilm, with only a summary of the data published in a *Memoir* (volume **38**, part 1 (1958)). For the BAA *Memoirs* DVD set edited by R.J.McKim and S.Williams a scanned copy of the microfilm was included, and a printed copy has been bound with our Archive set of the *Memoirs*. (This was the last VSS publication in this format.)

BAA PUBLICATIONS & EPHEMERA CHECKLIST

[Note: Details of Section Circulars *post*-2020 are not yet checked.]

This list was first compiled by me in 2017 December and has been updated constantly since.

I have omitted special meeting and Exhibition programmes, although a number of them that were specially printed, together with the accompanying tickets, are archived; for example, for the Centenary Meeting in 1990 October, or for certain Civic receptions. I also omit the various advertisements and booking forms for meetings which are often inserted into each number of the *Journal*.

I have also not included items that we have sometimes marketed but have not produced ourselves, for example, Patrick Moore's so-called *Caldwell cards*, commercial books, posters, year planners and postcards, *etc.*

When a Circular is said to be 'irregular' in frequency, this could even mean that years have passed without any issue being produced.

Foolscap duplicating paper is of course longer than A4, and the old *Journal* size a little larger than A5. These paper sizes all have formal names, but I refer to rough equivalent modern sizes like A5 and A4 on the whole.

This may be taken as a catalogue of Archive publications, but it is rather a list of everything known to have been published. There will be a few items that we do not yet possess a copy of. The store at Woolwich has a complete bound set of the BAA *Memoirs*, a complete bound set of the *Journal* up to 2018, and of the *Handbook* up to 2015. The 1890s solar eclipse volumes are also stored there. All the other publications are stored at Bedford together with loose copies of the *Journal*, *Handbook* and *Memoirs* up to the time of writing.

Notes: 'n.d.' means 'no date' (all too common!). Where there is an asterisk (*) it is a reference that certain documents still need to be checked.

BAA MAJOR SERIAL PUBLICATIONS

THE BAA *JOURNAL*

Began in 1890 October.

Frequency was initially ten times per year, later reduced to eight; later still (since Volume **75** (1964-65)) bimonthly. The larger modern A4 size was introduced for Volume **92** (1981-82).

Note (1): The *Journal* is now available on DVD (see later).

THE BAA MEMOIRS

Began in 1892; last published in 2002 (Volume **45**); irregular publication, infrequent after 1951.

Note (1): Volume **45** was published only in DVD format. A printed bound copy is kept in the Library.

Note (2): The *Memoirs* up to 1990 (Volume **42**) are now available on DVD (see later).

THE BAA HANDBOOK

Began in 1922; published annually.

Note (1): An electronic version is now available online.

THE BAA CIRCULARS

Began 1923; published irregularly; ended 2017 with No. 836.

Note (1): These were primarily intended for announcing comets and novae, but their scope was further widened in 1946 under the Editorship of G.E.Merton to include all types of observation.

Note (2): *Circulars* Nos. 1-800 were scanned by Sheridan Williams but have not yet been published in that format.

THE BAA E-BULLETINS

Or *e-Circulars*. These began in 2001 (or 2000?) (*) and are issued irregularly. Most of them are archived online. [I understand that Nos. 1-21 need to be reformatted before they can be uploaded.] **WHEN DID THEY STOP?? In 20.... These in turn finished, to be replaced by emailed BAA Alerts.**

THE BAA NEWSLETTER

Began 1983 August; published with each issue of the *Journal*; ended 2001 June. (*Ed.* Nos. 1-93, Miss E.R. (Rossie) Atwell (followed by O.Brazell (Acting) and D.B.Reid & J.F.Wrigley.) Nos. 1-102 in A5 format, but Nos. 103-108 (unfortunately) in A4.

THE BAA E-NEWSLETTER

An *e-Newsletter* commenced in 2017, (*Ed.* Janice McLean) initially timed to introduce the current issue of the *Journal*. (Ongoing.)

BAA SECTION CIRCULARS

SOLAR SECTION

(1) Circulars/Newsletters began in 1979 with an A5 card-bound booklet, entitled *Solar Bulletin* No. 1, and continued in that format till No. 9 (1981); followed by a monthly Newsletter, folded A4 format, entitled *The Solar Summary*, from 1984 April till No. 55 (1988 October); finally un-numbered issues in the same format from 1988 November to 1989 January, all the foregoing produced by the Director, L.M.Dougherty.

(2) The next Director, B.Hardie, issued a monthly A4 format *Solar Section Newsletter*, which has been continued to the present day by his successors.

Note (1): The last paper copy of the *Solar Section Newsletter*, except for a few subscribers without email, was dated 2016 August; otherwise publication continues in *e*-form.

Note (2): Circulars/Newsletters from 1989 Jan-2018 Dec are included upon the latest edition of the CD version of the ‘Observing Guide to the Sun’ (2019).

LUNAR SECTION

(1) *BAA Lunar Section Circular*

A very early newsletter, with probably less than a dozen copies made (this being the Section membership at the time), produced by typing with (dark blue) carbon paper onto sheets slightly smaller than A4. Very rare. Few examples exist, and I have only a copy of No. 2, dated July-August 1946. I suspect that no more than two issues were produced by the Director, H.P.Wilkins. It was not really an official BAA publication.

(2) *The Selenographical News*

Another very rare early Lunar Section newsletter, in similar format to (1). Volume **1** No. 1 is dated July 1947, the volume number being quickly dropped. No. 5 is dated March 1949, very likely the final issue before it was superseded by the much more formal Circular *The Moon*. No. 3 appears to be absent, but it is more likely that number has been left off an extant sheet entitled ‘Lunar Section/BAA Library/Provisional Catalogue’, dated December 1947 published inbetween Nos. 3 and 5. *Eds.* H.P.Wilkins, then P.A.Moore (for No. 5 only).

(3) *The Moon*

Began: 1950 June.

Ended: 1967 (with volume **15** part 2; volumes did not quite correspond with calendar years).

Note (1): This was in a format slightly smaller than A4. Volume **1** had no pictorial cover; Volumes **2-9** had a cover with a hand-drawn illustration; Volumes **10-15** had a photograph of the Moon with printed text upon a glossy cover, but with gaps where

recipients were expected to write the volume and part numbers (!). (*Eds.* F.H.Thornton, then W.L.Rae.)

(4) *Lunar Section Circular*

Began: 1965 December with No. 1 [Volume 1 was not yet stated]

[This was actually preceded by three unnumbered bulletins entitled: 'Section Circular, 1965 Jul 22', 'Report of the Lunar Section Meeting 1965 Sep 16', 'Section Circular 1965 Nov 14'.]

Frequency: monthly (though some issues were combined over two or even three months occasionally). Various Editors.

Note (2): The later volume numbers are often incorrect, due to errors perpetrated in the 1990s. It was available only in *e-Circular* form from the 2015 July issue. Duplicated on foolscap paper up to and incl. 1980 February, then on A4 paper, and finally photocopied on A4 stapled sheets.

(5) *The New Moon*

Began: 1982 May.

Ended: 2010 (with Volume **19** part 1).

Frequency: irregular. Various Editors.

Note (3): For the record, the parts per volume were: Volumes **1-4**, **6-7** and **15**, 4 parts; Volumes **5** and **17-19**, one part; Volumes **8-9** and **16**, 2 parts; Volumes **10-14**, 3 parts. Format: A4.

(6) *The Moon: Occasional Papers of the Lunar Section*

Began: 2011 July

Frequency: irregular. Edited by the Director.

Note (4): Serial (6) was available only as an *e-Circular* from Volume **3** onwards. (Each Volume contains only one part.) Format: A4.

MERCURY & VENUS SECTION

(1) *Mercury & Venus Section Circular*: 1956-1979 (not numbered).

(2) *Mercury & Venus Section Circular*: 1993 (Nos. 1-2).

(3) *Mercury & Venus Section Circular, Notes & News/Inner Planet News*: 1991-1997 (Nos. 1-20)

(4) *Messenger*, the Mercury & Venus Section Newsletter, 2019 September- (No. 1-)

Frequency: irregular in all cases.

Note (1): A4 format; (2) A4 format; (3) A4 and A5 formats; (4) available as an electronic version only.

MARS SECTION

Began: 1948 (numbered till 1956)

Ended: 2001

Frequency: 1948-1978 several copies per year at the start, then once per opposition from 1956-1978; 1992-2001 more frequently, often monthly near opposition (but irregular).

Note (1): Since 1999 internal group emails (or online postings) were used for observational alerts, and no further Section Circulars have been issued. Formal Section news is published instead in the *Journal*.

Note (2): 1948-78 foolscap size; later A4.

TERRESTRIAL PLANETS SECTION [TPS]

(1) *The Inner Planets' Newsletter*

Began: 1980

Ended: 1984 (with No. 12)

Frequency: irregular.

Note (1): The TPS was formed in 1979 by the amalgamation of the M&V and Mars Sections. The separate Sections were restored in 1991.

(2) *Mercury & Venus Newsletter*

Began: 1989

Ended: 1991 (with No. 9)

Frequency: irregular.

Note (2): This was produced by the Venus Coordinator within the TPS, J.McCue.

MINOR PLANETS/ASTEROIDS & REMOTE PLANETS SECTION

(1) Terrestrial Planets Section Minor Planets Group; '*Minor Planets*' Newsletter, 1981-1983 (Nos. 1-3)

(2) Terrestrial Planets Section Minor Planets Group; *Supplement*, 1981-1984 (Nos. 1-4)

(3) '*Asteroids, Remote Planets and Satellites*' newsletter 1994-1997 (Nos. 1-3)

(4) Project Notes and Observing Campaigns; Director A.J.Hollis sent out a number of such Circulars about observational projects, *e.g.*, for *The International Campaign to observe 8 Flora* (1984); the others are not listed here [probably we have an incomplete set]

(5) *Impact*, the Newsletter of the ARPS, 23 issues in electronic form only, 2006 Mar-2008 Mar.

Frequency: irregular in all cases, though (5) was monthly or bimonthly throughout.

Note (1): Format in all cases A4.

JUPITER SECTION

Began: 1957
Ended: 2002
Frequency: irregular

Note (1): Format A4, or folded A4; duplicated at first; late photocopied.
Note (2): After 2002, these Circulars continued as *e-Circulars* only.

SATURN [AND OUTER PLANETS] SECTION

Began: 1946
Ended: 1996
Frequency: irregular

Note (1): Foolscap format until 1978; A4 from 1994.

AURORA SECTION

(1) *Aurora Section Circular*, 1982-1989 (Nos. 1-15).
(2) *Provisional Monthly Report* [of recent observations of Aurorae], 1990-2006.

Note (1): Frequency: irregular. Both the above in A4, or folded A4, format
Note (2): Director R.J.Livesey issued under (2) an unnumbered but regular monthly continuation of (1), summarising recent reports, but sent only in acknowledgement to active contributors in lieu of letters. We do not have a copy of 1990 June.

METEOR SECTION

Duplicated or (mostly) photocopied A4 Bulletins in three series, the first two of which were regular and complete. These were sometimes supplemented by Project notes.

(1) *Meteor Section Bulletin* (K.B.Hindley, Director)

Nos. 1-20, 1969-1980

(2) *Meteor Section Newsletter* (G.H.Spalding and N.M.Bone, Directors)

Nos. 1-58, 1979-2000

The first number(s) stated it was the newsletter of the Visual Group (which overlapped with series (1)).

(3) A single bulletin, not numbered, 'Draconid Meteor Project 2011' (J.W.Mason, Director).

COMET SECTION

(1): *Comet Section Circular*, '*Istimarant Stella*', 1973-1987 (Nos. 1-26) foolscap size; regular frequency. Edited by A.P.Stephens, followed by S.W.Milbourn.

All now online here: <https://www.britastro.org/node/10769>

(2): *UK Visual Observations of Comet Halley*, 1985 (Nos. 1-3), A4 format.

(3): *Comet Section Newsletter*, 1989 (four issues), A4. Edited by G.S.Keitch.

(4): *Comet Section Circular*, 1991 Jan-1994 Feb, A4 format; irregular, five issues in all.

(5): *The Comet's Tail*, 1994-2017 (Nos. 1-36), A4; twice annually.

All now online here: <https://www.britastro.org/node/6812>

Note (1): Series (5) after 2011 was available as an *e-Circular* only.

Note (2): These series also contained annual notes on 'Observing Prospects' for comets in the forthcoming year, sometimes as a separate bulletin.

COMPUTING SECTION

(1) *Apex [Astro-computing Program EXchange for Users of Calculators and Microcomputers]*: BAA Micro Users Group; *Ed.* M.V.Gavin, 1982-1987 (Nos. 1-17) and A.Drummond, 1987-1989 (Nos. 18-20).

(2) *BAA Micro Users Group Newsletter*; *Ed.* M.V.Gavin; 1982-1987 (Nos. 1-11).

(3) BAA Computing Section - IT Group Newsletter, *Ed.* Lilian Hobbs; 1994-1995 (Nos. 1-5).

(4) *Computing Section Circular*, Volumes **1-2**, 2015-16; Volume **2** part 1 is an *e-Circular* only.

(5) Sets of earlier Notes prepared by the Section:

[No. 1: not numbered] – The Calculation of an Ephemeris, J.G.P[orter], 5pp., n.d. (The example uses Comet Giacobini-Zinner, 1946; publication therefore dates from 1946-59); Computing Note No. 2 Differencing, 4pp, n.d. (The example uses solar co-ordinates 1957, 1958 and 1959.)

(6) Computing Section Program and Data Library (Coordinator Robert Harrold). A4 booklets describing Library Acquisitions (a) 1993 June, (b) 1994 June. [Are there any other issues of this publication?]

Note (1); Format of (1) and (2), A5 booklets; (3) and (4) A4; (5) duplicated foolscap.

Note (2): Our archive set of the two Micro Users Circulars (1) and (2) is very incomplete: offers of more issues will be welcome. No. 11 of Circular (2) was probably the final issue.

VARIABLE STAR SECTION [VSS]

Began: 1922-1935; 1972 onwards (Nos. 1-172 published as of today).

Frequency: irregular during 1922-1935; regular from 1972 to date.

Note (1): The format changes as follows 1922-35 (Nos. 1-11) ~A5 printed leaflet; 1972-83 (Nos.12-52) A4 stapled duplicated sheets; 1983-2017 (Nos. 53-173) A5 card-covered booklets. It is to become an *e-Circular* only from No. 173.

Note (2): Following the absorption into the VSS of the North-Western Association of Variable Star Observers, the Section Circulars were for a few years entitled 'Light Curve', a title later dropped.

DEEP SKY SECTION

(1) *Deep Sky Section Newsletter*; 1985-1986 (Nos. 1-6).

(2) *Deep Sky Section Newsletter*; 1992-2000 [N.D.Hewitt, Director] (Nos. 1-12).

- (3) *Deep Sky Section Newsletter*; 2005 January-2011 May [S.L.Moore, Director] (unnumbered).
- (4) *Deep Sky Diary*; 1982-2015 (Nos. 1-32); continued as *Deep Sky Section Newsletter*, 2016 - (No. 33-). [Edited by the Director]
- (5) *Binary: Journal of the Double Star Group*; 2010-2012 [J.McCue, Editor] (Nos. 1-3)

Note (1): With No. 33 (2016), the ongoing *Deep Sky Diary* became an *e-Circular* only.
Note (2): All series above are in A4 format, and irregular in publication.

ASTROPHOTOGRAPHY SECTION

- (1) *Exposure*, the Bulletin of the Association's Astrophotographic Section, Nos. 1-3 (1989-1993).
- (2) *Astrophotographic Section Circular*, Nos. 1-4 (1989-1992).

Note (1): Both the above are in A4 format.

ARTIFICIAL SATELLITE SECTION

Began: 1960s [dates need to be established], entitled *Satellite Predictions*. (*)
 Ended: 1970s, but restarted on an individual training basis only in 1984 October [See BAA *Circular* No. 644], continuing throughout the 1990s.
 Frequency: Fortnightly

Note (1): Although we have a fair run of the 1960s and 70s as an archive set, any other extant copies would be gratefully received to fill gaps.

HISTORICAL SECTION

- (1) Began: 1996 March, entitled *Urania - Cleo*
 Ended: 1996 September (with No. 3)
- (2) Began: Autumn 2010, entitled *BAA Historical Section Newsletter*. Ongoing.

Note (1): A4 format. (2) E-versions only.

INSTRUMENTS & IMAGING SECTION

- (1) *BAA I&I News* [Director, R.J.Neville], Volumes **1-5** (two issues per Volume), 1994-1998.
- (2) *BAA I&I News: New Series*, [Director, R.A.Marriott], Nos. 1-30 [An *e-Newsletter*; I have printed copies of Nos. 1-25]
 Began: (*)
 Ended: 2017
 Frequency: irregular
- (3) *BAA I&I Technical Tips: New Series* [Director, R.A.Marriott], Nos. 1-16 [An *e-Newsletter*; I have printed copies of Nos. 1-15]

Began: (*)
Ended: 2016

Note (1): All the above were in A4 format.

RADIO ASTRONOMY GROUP [a SECTION again from 2020 onwards]

- (1) *August 1995 Results* (W.G.Brown, *Coordinator*); A4 sheet with covering letter.
- (2) Introductory flyer, n.d. (2004), enclosed inside A5 Christmas Greetings card; (Lawrence Newell, *Coordinator*);
- (3) *Radio Astronomy Group Newsletter*, 2005 May, A4.
- (4) *Baseline*, BAA Radio Astronomy Group Bulletin; Volume 1 numbers 1-4 (2005-2006). Each in A4 format, pdf downloadable from the BAA website, or available at cost as a softbound A4 booklet.

Note (1) Upon restoration this was a Group, not a Section, till recently.

BAA GENERAL OBSERVING GUIDES AND NOTES FOR OBSERVERS

- (1) *Memoranda for Observers in the Various Sections* (1928). Small softcover booklet, 138 x 215 mm, 22 pp.

Note (1): The above booklet was the first 'Observing Guide' beyond the Section programmes occasionally published in the *Journal*. (An Appendix to volume **23** was perhaps the first to print collected Section programmes, under the same title.) By 1944 the 1928 booklet was long out of print, so a new, much expanded edition with a different title was produced (see (2) below).

- (2) *The BAA, Its Nature, Aims & Methods*

1944
1948
1952 (supplementary notes leaflet)
1952 (1948 edition reprinted with supplementary notes)
1956 (1948 edition reprinted with supplementary notes)
1962
1966
1969
1973
1979.

Note (2): ~A5 format, softcover

Note (3): The first edition of 1944 was known as 'The Green Book' on account of its cover colour; later editions were not green.

Note (4): An abortive project to produce a post-1979 guide led to the printing of a large number of A4 blue card folders with a bound-in Introduction. It had been intended to produce loose-leaf sheets for each Section so that the work could easily be updated by changing one or two sheets from time to time instead of reprinting the entire work. A copy of the unused 1980s folder is preserved, and the Introduction is entitled ‘British Astronomical Association’, An Introduction to the Association, Its History, Aims and Structure’ (by C.J.Watkis). But the looseleaf pages for the Sections were never produced.

(3) *Observers Notes [ON]*

In the absence of a current edition of *Nature, Aims & Methods*, various ‘Observers Notes’, A4 sheets, were printed (1980-1989), which could have been inserted into the A4 blue folder cited above:

- ON1: Universal Barlow Diagram (H.R.Mills and H.R.Hatfield).
 - ON1a: Notes on the use of Barlow Lenses (E.J.Hysom and H.R.Hatfield).
 - ON2: Eyepiece projection for Photography (H.R.Milles and H.R.Hatfield).
 - ON2a: Notes on Eyepiece projection for photography (E.J.Hysom and H.R.Hatfield)
 - ON3: Recording Jamjar magnetometer (H.R.Hatfield)
 - ON4: Variable frequency drive for mains synchronous motor (H.R.Hatfield).
 - ON4a: Notes on Constructing the Variable Frequency Drive (H.R.Hatfield).
 - ON5: Notes for new observers (Henry Hatfield).
 - ON6: A note on solar radio observing (H.R.Hatfield).
 - ON7: Choosing a telescope (Robin Scagell and Henry Hatfield).
 - ON8: Altitude and Azimuth curves for latitude 51°N (H.R.Mills).
 - ON8a: Altitude and Azimuth curves for latitude 56°N (H.R.Mills).
 - ON9: Becoming a professional astronomer (Heather Couper)
 - ON10: A Nonogram for relating the date, the L.M.T. and the S.T. From any two the third can be read (H.R.Mills).
 - ON 11: What your telescope can do under ideal conditions (H.R.Mills).
 - ON12: A Sun compass and Sun clock; latitude 51°N (H.R.Mills).
 - ON12a: A note on the Alt-az graticule designed for the Sun to serve as a SUN COMPASS and a SUN CLOCK (H.R.Mills).
 - ON12b: A Sun compass and Sun clock; latitude 56°N (H.R.Mills).
 - ON13: The Night Sky at the Equator (E.A.Beet) [This is a copy of the A5 card that had been included as a supplement with *JBAA* Volume **72** part 6 (1962)]
 - ON14: A graphical method for finding the altitude and azimuth of a star on any date and at any Local Mean Time (H.R.Mills).
 - ON15: Light Sensitive Detector Mk II (Lunar Photometer) (H.R.Hatfield).
 - ON16a: The Pillar Dial adapted for use on a standard beer can of 440 ml (H.R.Mills).
 - ON16b: The Pillar Dial made from a beer can (H.R.Mills).
 - ON16c: Hour lines for a Pillar Dial (H.R.Mills).
- [No serial number] The British Astronomical Association: A Short History (Richard McKim)

(4) *The BAA Observing Guide* [Continued from (2) above]

1993
1995
1998
2002
2006
2011
2013
2013 (reprint of 2013 1st edition, again stapled, but with case binding)

Note (5): In 1993, with no new edition of *Nature, Aims & Methods* forthcoming, a new Observing guide was produced, and with a new title, *The BAA Observing Guide: 1993-2006*, Ed. R.J.McKim 1993-2006, then for 2011 and 2013, Ed. J.W.Mason.

Note (6): The latest two editions are in the *Journal*-sized A4 format. Those from 1993-2006 were A5.

BAA SECTION HANDBOOKS, SPECIAL PUBLICATIONS & OTHER EPHEMERA

The BAA Handbook: An Explanatory Supplement, H.G.Miles, B.E.M., B.Sc.,1988.

Some notes on heliographic coordinates, by L.M.Dougherty, Dept. of Physics, The Polytechnic, Huddersfield (1976).

Some notes on heliographic coordinates, by L.M.Dougherty, Ravenstone Observatory, Percival Whitley College, Halifax, West Yorkshire, Second Impression (1984).

Some notes on S.E.A. Receivers and S.E.A. Observations, by L.M.Dougherty, Dept. of Physics, The Polytechnic, Huddersfield (1975).

Solar Index 1951-1981, Index to matter published in the *J. Brit. Astron. Assoc.*, by A.W.Perry and L.M.Dougherty, Ravenstone Observatory, Halifax, (1984).

Solar Index 1951-1981, Index to matter published in the *J. Brit. Astron. Assoc.*, by A.W.Perry and L.M.Dougherty, Ravenstone Observatory, Halifax, (1984). [With a different cover, and less one titlepage, with an ISSN added, and on the rear cover in it clear it is a new edition of 1985 with a different printer.]

Extract from the *JBAA*, Volume **109** part 3 (1999 June); *1927: a British Eclipse*.
[Sold by the Office.]

Observing Guide to the Sun (2009). A4 format booklet; spiral binding.

Observing Guide to the Sun (2009). CD version.

Observing Guide to the Sun (2019). CD version. [Includes Section Circulars, 1989-2018.]

Observing Guide to the Sun (2022). A4 format booklet. [New edition of 2009 booklet.]

Lunar Section Programme, Director, Dr R.C.Maddison, F.R.A.S. (1962). Booklet
Guide for Observers of the Moon, 1st edition, Selsey Press Ltd. (1972).

Guide for Observers of the Moon, 2nd edition, Selsey Press Ltd. (1974).
Guide for Observers of the Moon, 3rd edition, Chas. Luff & Co. (1979).
Guide to Observing the Moon [unstated 4th edition], Enslow Publishers, Inc. (1986).
Guide for Observers of the Moon, [unstated 5th edition], Selsey (1989).
The Moon: Map drawn by Bert Chapman (n.d. (during the Directorship of G.W.Amery)).
(Small format, folded paper; later larger laminated copies were produced, and are still for sale.)
[Of the above, 1962 Programme is a typed bulletin, slightly smaller than A4 size; the *Guides* are professional printed, A5 size except for the Enslow volume which is a small hardback book.]

Mercury & Venus Section *Mercury Observers' Guide*, by C.J.Hooker, 2020 April.

The Terrestrial Planets Section, *Inner Planets '80*: Text and abstracts of papers submitted to the 1980 October 25 Section Meeting in Chester, R.M.Baum (1981).

Asteroids and Remote Planets Section Observer's Manual, Preliminary Edition, by A.J.Hollis and R.Miles (1986).

Notes on the Observation of Jupiter, by the Rev. T.E.R.Phillips F.R.A.S. (n.d. (1914)).

Halley's comet: a new complete guide (1985). A5 format.
Observing Guide to Comets, Handbook No. 1 (1996). A5 format.
Observing Guide to Comets, Handbook No. 1, 2nd Edition (2002). A5 format.
Comet Section Observing Guide (2018 January, 'rev 3'). A4 format.
Comet Section Observing Guide (2018 December, 'rev 4'). A4 format.

An Introduction to the Variable Star Section, Leaflet L01 (folded A4 (n.d.))
Making Visual Observations for the Variable Star Section, Leaflet L02
Chart Catalogue [VSS], Leaflet L03
Sample Variable Star Charts for the Naked Eye and Binoculars, Leaflet L04
Sample Variable Star Charts for Smaller Telescopes, Leaflet L05
Sample Variable Star Charts for Larger Telescopes, Leaflet L05
Binocular Variable Star Charts, Volume 1 (1985).
Binocular Variable Star Charts, Volume 2 (n.d. (2006)).
Eclipsing Binary Programme Handbook (1988).
Observing Guide to Variable Stars (2004). A4 format.
Observing Guide to Variable Stars (2004). DVD version.
Measuring Variable Stars Using a CCD Camera, Ed. David Boyd (2006).
BAA Variable Star Section: Selected papers from the Association's Journal (2011).

Eclipsing Binary Observing Guide, 2021. A4 booklet.

Exoplanet Observing Guide, by R.Dymock, n.d. (2024). A4 booklet.

Deep Sky Section: Deep Sky Catalogue, Handbook No. 1 (n.d. [1987]).

Deep Sky Section: Deep Sky Catalogue, Handbook No. 1 (2nd printing (1989)).

Deep Sky Section: Messier Catalogue, Handbook No. 2 (n.d. [1987]).

Deep Sky Section: Messier Catalogue, Handbook No. 2, 2nd Edition (1996).

Deep Sky Section: Messier Catalogue, Handbook No. 2, 3rd Edition (2005). [With monochrome cover.]

Deep Sky Section: Messier Catalogue, Handbook No. 2, 3rd Edition (2005). [With full colour cover, slightly different to the above.]

Deep Sky Section: Messier Catalogue, Handbook No. 2, 4th Edition (2014). [With full colour cover, different to the 3rd edition.]

Deep Sky Section: A Deep Sky Catalogue/A Guide to Deep Sky Objects, Handbook No. 3 (1997). [This was an updated version of Handbook No. 1]

BAA Computing Section: *Phenomena of Saturn's Satellites; Mutual Eclipses & Occultations of Saturn's Satellites, reprinted from Memoirs B.A.A. Vol. 30. pt. 3.* With a modern introduction by J.G.Porter. [n.d., after 1961, but before 1970] Stapled booklet with buff card cover, 25.5x21.5 cm.

(This publication was sold by the Office; one also comes across reprints of the following paper in the *Journal*, but this was *not* sold by the Office: J.G.Porter, 'Phenomena of Saturn's Satellites', **84** (3), 209 - 216 (1974).)

BAA Computing Section Program & Data Library (*Coordinator*, R.Harrold); Library Acquisitions, 1993 June.

BAA Computing Section Program & Data Library (*Coordinator*, R.Harrold); Library Acquisitions, 1994 June.

BAA Historical Section; Index to historical items published in the BAA Journal Volumes 100-104, Ian Howard-Duff (January 1995); A4 plastic bound booklet.

BAA Radio-Electronics Section: *Bibliography of articles and papers concerning radio-astronomy*, compiled by W.Rae, 1956 December. Stapled and duplicated booklet with pale blue cover.

BAA Radio-Electronics Section: *I.A.U. Catalogue of Discrete Sources of Cosmic Radio Waves (1954)*. n.d. but reprinted from the *IAU Transactions*, 1957. Stapled and duplicated booklet with pale blue cover.

Satellite Observers Manual, Ed. H.G.Miles, Selsey Press Ltd., (n.d. [1974]).

Starry, Starry Night: How to keep sight of the stars, BAA Campaign for Dark Skies (CfDS), A5 booklet (2000).

Starry, Starry Night: Winning back the wonders of the night sky, BAA CfDS, A5 booklet (2007).

Blinded by the Light? A handbook on light pollution, BAA CfDS, A5 booklet (2009). (The Campaign for Dark Skies)

Blinded by the Light? A handbook on light pollution, BAA CfDS, A5 booklet (2020). ((now renamed) The Commission for Dark Skies)

Hidden Stars: where have all the stars gone?, BAA CfDS, A5 booklet (2021).

What is Light Pollution? CfDS, A3 colour poster (n.d., but > 1997).

Introduction to DSLR Astrophotography (n.d.)

Radio Astronomy Group; introductory A5 card leaflet (1994).

Absolute Beginners Guide, by Dr P.G.Abel (2019). Consisting of reprints of his series of articles of the same title, from the *BAA Journal*.

The BAA Quiz: Questions and Answers (2021). (Compiled by Marie-Louise Archer and reprinted from the *Journal*, 2020 December and 2021 February)

MISCELLANEOUS PUBLICATIONS:

BAA WEST OF SCOTLAND BRACH CIRCULARS

These were issued in the 1920s and 30s by T.L.MacDonald, of the Glasgow Branch. Only occasional examples have been found, and the following (archived) are all reprints of Venus papers by H.McEwen from the *Journal*: Nos. 9, 16, 25-29, 31 and 32. These would be identical with the offprints he would have received as an author, except that an ink stamp has been used to add the words 'Glasgow Astronomical Circular XX, followed by the date, *e.g.*, 1931 May 1 (Circular 9). A printed sticker on the front of No. 16 invited an exchange of publications with observatories. A printed reply postcard was sometimes enclosed for reporting missing issues. [In this way, MacDonald was said to have accumulated an enormous volume of publications from other organisations. That this was the case is proved by his voluminous reviews of articles from foreign serials in the *Journal* throughout the 1920s and 30s.]

BAA NEW SOUTH WALES BRANCH BULLETIN

The Bulletin (The Astronomers' Bulletin from 1992)

This publication of the NSW Branch was a bimonthly publication sent regularly to London, but only the latest ones were kept by successive Librarians, with the result that neither the former NSW Branch nor our archives contain a full set. In fact we have only a few dozen copies. Numbers 1-681 cover the period from the Branch's foundation (in 1895) to the close of 1994. From 1995 a new numbering system began, with volume 1 part 1 appearing in 1995 Jan-Feb, and one volume completed every two years. The Branch left the Association in the early 2000s, though in contrast to the previous Branches without asking permission to do so.

Note (1): Offers of unwanted copies would be welcome, though it is not likely there will be many to be found.

Note (2): Like the parent Association, the Branch produced an annual programme card, of which we have some example.

Note (3): We have no records or publications of any of the other former Branches of the BAA.

NSW Branch Annual programme cards

A collection of photocopies was supplied to the Association by an Officer of the Branch when it was still in existence.

BAA CAMPAIGN FOR DARK SKIES NEWSLETTER

Began: 1992 Spring

Ended: Ongoing

Frequency: two per year. A4 format booklet. After No. 55 (Autumn 2019) the Newsletter was no longer printed, being available for download at the website.)

BAA NEWSLETTER FOR AFFILIATED SOCIETIES

Network.

Began: Autumn 1994

Ended: Autumn 1996

Note (1): Another very short-lived venture (*Ed. P.Seiden*) with only four (unnumbered) issues produced on a twice per annum basis. It was available on subscription to members, but was sent free to all Affiliated Societies. Format: glossy A4 printed paper for two issues, then a photocopied A4 booklet.

BAA STUDENT GROUP PUBLICATIONS

(1) *BAA Student Group Newsletter*

Began: 1995

Ended: 1998 (with No. 4)

Frequency: There were only four issues published (*Ed.*, D.Reid). A5 format for Nos. 1-3, then A4 for No. 4.

(2) *Double Star Observing*

Published in 1997; A5 booklet.

Note (1): Although I have a file copy of item (2) I suspect it was never actually published.

BAA JOURNAL CUMULATIVE INDEXES

General Index to the *Journal* of the BAA, volumes **1-18** (1909)

General Index to the *Journal* of the BAA, volumes **1-50** (1963)

General Index to the *Journal* of the BAA, volumes **51-100** (1995)

BAA LIBRARY CATALOGUES

Catalogue of the Library (1895). (*)

Catalogue of the Library, Appendix I (Additions from August 1, 1895, to August 31, 1896).

Catalogue of the Library, Appendix II (Additions from August 1, 1896, to August 31, 1897).

Short Titles of Additions to the Library from August 1, 1897, to August 31, 1898.

[The latter was printed as a separate leaflet, but it actually first appeared in the *Journal*, Volume **8** (10), 426-428 (1898).]

Short Titles of Additions to the Library from August 1, 1898, to August 31, 1899.

[Other Additions to the Library were found in the *Journal*, but have not been found separately printed, *e.g.*, **11** (9), 370 (1901), for April-June 1901, and **11** (10), 390-393 (1901), for July 1901. Other (but not systematically checked) examples are **26** (9), 330-335 (1916) for the 1915-16 Session, **27** (9), 288-293 (1917) for 1916-17; the lists were discontinued after 1917 due to paper restrictions.]

Catalogue of the Library, compiled to 31st July, 1912 (1913).

Catalogue of the Library Vol. II, compiled from 1st August 1912 to 31st December 1923 (1924).

Catalogue of the Library (1936).

Catalogue of the Library (1954). [An insert declares: 'Free Supplementary Catalogues will be used annually.' I have not seen copies of the first two of these, and have only a scan of the third, but others are listed below. (*)]

Catalogue of the Library, Revised Supplementary List No. 4 (April 1958).

Catalogue of the Library, Revised Supplementary List No. 5 (April 1959).

BAA Library: Additions to Supplementary List No. 5 (May 1960).

Catalogue of the Library, Revised Supplementary List No. 6 (April 1962).

Catalogue of the Library, Additions to Supplementary List, April 1962 (June 1965).

Catalogue of the Library, Additions to Supplementary List, April 1962 (November 1973).

Accessions to the Library since publication of the Catalogue in 1954 (1976 October).
Catalogue of the Library of the BAA (1981).
Additions from August 1981 - December 1984 (1984).
Library catalogue of books by Author (1992 March).
Library acquisitions since March 1992: Supplement No. 11 (1994).

The Library: Brief explanation of organisation, A.J.Kinder (1991).
Guidelines for using the Library, A.J.Kinder (n.d. (1992)).
Catalogue of books on the subject of the Solar System, A.J.Kinder (1992).

Note (1): The last three documents were small (A5) booklets. The catalogues and their supplements are a mixture of small printed booklets, foolscap duplicated lists and A4 photocopied lists.

BAA SLIDE COLLECTION

Lantern Slide Loan Collection: Catalogue of Subjects, Available for the use of The Members of the Association, June, 1893 (published September 1893)
Lantern Slide Loan Collection: Supplement to the Catalogue of Subjects Available for the use of The Members of the Association, June, 1894 (published September 1894)
Lantern Slide Loan Collection: Second Supplement to the Catalogue of Subjects Available for the use of The Members of the Association, June, 1895 (published September 1895)
Lantern Slide Loan Collection: Third Supplement to the Catalogue of Subjects Available for the use of The Members of the Association, June, 1896 (published September 1896)
Lantern Slide Loan Collection: Fourth Supplement to the Catalogue of Subjects Available for the use of The Members of the Association, June, 1897 (published September 1897)

Lantern Slide Loan Collection: Catalogue of Slides (1921)
Lantern Slide Loan Collection: Catalogue of Slides (1933)
Lantern Slide Loan Collection: Catalogue of Slides (1948)
Lantern Slide Loan Collection: Catalogue of Slides (1956)
Catalogue of 2x2 inch Lantern Slides (revised, November 1967)
Catalogue of 2x2 inch Lantern Slides (revised, March 1973)
Supplementary List of 2x2 inch slides (Moon projects, etc.) (n.d. (1973))
Slides of planetary exploration by space probes (n.d. (ca. 1977))
Catalogue of 2x2 inch Lantern Slides (revised, April 1982)
Catalogue of 2x2 inch Slides (revised, April 1984)

Note (1): 1893-1956, ~A4 format; 1973 onwards, foolscap size.

Note (2): The catalogues for 1956 and earlier list only the 3x3 inch [75x75 mm] glass slide collection.

Note (3): The 1956 catalogue was substantially still a good summary of the 3x3 inch glass slide set up to 1980, when Librarian J.L.White disposed of most of the collection.

[But the 1956 Catalogue did not include the more modern 50 mm slides, while the 1980 extant collection included some commercial sets.]

Note (4): The first catalogue and its first four supplements are not in our Archives but are available at the website of the University of Chicago as a combined pdf document:

<http://storage.lib.uchicago.edu/pres/2015/pres2015-0509.pdf>

There must have been other catalogues issued between 1897 and 1921.

Regulations for the Loan of Lantern Slides (A5 sheet, distributed with the *Journal*, 65 (4), 1955 March and inserted loosely in the 1956 Catalogue).

BAA 50 mm SLIDE SETS

The Moon (by H.R.Hatfield)

The total solar eclipse observed from the Monte Umbe, 1973 (by H.R.Hatfield).

Note (1): In about 1990 the BAA marketed two sets of 50 mm slides, previously produced and sold by Woodmansterne Ltd. The stock was donated to the BAA by Cdr. Hatfield. They were sold by us as 'BAA slide sets'.

[Note also the existence of a 3 x 3 inch set of glass slides related to and listed under the heading of BAA BOOKS for the solar eclipse expedition of 1896.]

BAA FILM STRIPS

Film strips on astronomical subjects (n.d., but post-decimalisation), duplicated sheet slightly smaller than A4.

BAA ARTICLES AND BY-LAWS

BAA Memorandum of Association, Articles of Association and By-Laws (1911). (*)

BAA Memorandum of Association, Articles of Association and By-Laws (Revised 1950 July).

BAA Memorandum of Association, Articles of Association and By-Laws (Revised 1967 April).

BAA Memorandum of Association, Articles of Association and By-Laws (1972 January - Additions and Amendments to the Revised Edition 1967 April).

BAA Memorandum of Association, Articles of Association and By-Laws (1976 December - Additions and Amendments to the revised Edition 1967 April).

BAA Memorandum of Association, Articles of Association and By-Laws (Revised 1988 November).

BAA Memorandum of Association, Articles of Association and By-Laws (Revised 1988 November with amendments to 1995 April)

BAA Memorandum of Association, Articles of Association and By-Laws (Revised 1988 November with amendments to 1998 March) [In three different printings with two different printers and cover colours.]

BAA Memorandum of Association, Articles of Association and By-Laws (Revised 2015 May)

BAA Memorandum of Association, Articles of Association and By-Laws (Revised 2019 May)

Note (1): The earliest title included Library Regulations, Loan of Instruments and Lantern Slides.

Note (2): All the above are printed booklets, A5 size, except 1972 January and 1976 December (typed sheets on duplicating paper).

BAA LISTS OF MEMBERS

1890 December (list entitled ‘Original Members’) [Supplement to the *Journal*, Volume 1 part 3; the BAA copy has this supplement bound in at the end of the volume.]

1891 January [‘Additions to List of Original Members’, an Addendum published in the *Journal*, Volume 1 part 4, page 219]

Note (1): All the later *Lists of Members*, which follow, were issued separately from the *Journal*, but bound volumes of the latter are often found to contain them:

1892 June

1895 September

1897 September

1899 September

1900 September

1901 September

1902 September

1903 September

1904 September

1905 September

1910 September

1911 September

1912 September

1913 September

1914 September

1915 September

1916 September

1917 September

1919 September

1922 October

1923 October
1924 October
1925 October
1926 September
1927 September
1928 September
1931 January
1933 January
1935 January
1937 January
1937 December
1938 December
1944 March
1946 March
1948 June
1950 September
1952 September
1954 December
1957 April
1959 April
1961 December
1964 June
1966 December
1969 April
1995 July

Note (2): The above includes lists noticed in bound volumes from elsewhere. The BAA set of loose copies is incomplete, and lacks: 1892, 1899-1914, 1916-1923 and 1931-1938.

Note (3): The above list might yet be incomplete and could profitably be checked against any set held by the RAS.

Note (4): Lists were generally issued every year or two, apart from just after WWI due to the paper shortage, during the Great Depression, and throughout most of WW2, with 1937 being an oddity. Rapidly changing numbers after 1969 made it uneconomic and impractical to produce further lists up till the advent of desktop publishing, when the writer edited and produced the 1995 edition. Post-1995 changes to privacy laws have made a later edition impossible.

BAA MEMBERSHIP CERTIFICATES

These A5 documents, bearing the BAA logo, and (laboriously) signed by the current President and Secretary, were in use by 1986, continuing till at least the late 1990s.

BAA RULES

British Astronomical Association Rules (1898).

Note (1): A5 format 11-page booklet. The conduct of members and Council is defined by the Articles of Association and the By-Laws. When the BAA was Incorporated as a Company in 1911 (following the then new Companies Act), the latter were issued for the first time, making any later set of Rules unnecessary.

THE BAA INFORMATION, PROSPECTUS & OBJECTIVES LEAFLETS

BAA Information and Prospectus leaflets

A folded leaflet was issued to all members as a loose insert with the first number of the *Journal* in each volume, but it did not have the word 'Prospectus' in the title. It was entitled *The British Astronomical Association*, with the Session number and corresponding years forming the subheading. It listed the Officers and Council for the stated Session, in exactly the form given in the back of the *Journal*, and then membership, meeting, library, Branch and publications information. This was published each Session, the earliest and latest examples found being dated 1893-94 and 1960-61. Sometimes these were included with bound volumes. The extant copies from 1893 to 1916 were marginally smaller than *Journal*-sized when folded. Later copies, found from 1927 onwards, are *Journal*-size. [The period 1917-26 needs to be completely researched. (*)]

Later volumes instead contained a *Prospectus* (bearing that title) in exactly the same format, and it was also issued (with a standard letter from the Assistant Secretary) to those making membership enquiries. It had the advantage of not needing to be updated every Session. Dated copies of the Prospectus exist for 1962 to 1977.

BAA Objectives leaflet

A folded leaflet enclosing a letter from the Assistant Secretary to be sent to prospective members, in lieu of the 'Prospectus' (*e.g.*, 1996).

Note (1): Several other revisions have occurred to the above leaflet, and I have not tried to list them all here.

Note (2): In 2009 a blue A4 folder 'British Astronomical Association' was designed as a Welcome Pack to new members, continuing till the present. This contained a letter from the Office manager, a Meetings Programme card, and a copy of the latest By-Laws booklet. It also contained the leaflet (see below) *Notes on the Use of the Telescope* and a single A4 sheet 'Welcome to the BAA' and others covering the work of each Section and the CfDS.

BAA Digital and other membership leaflets 2018

A5 flyer for digital membership, 'Be a part of something BIG for very little'; folded leaflet, 'British Astronomical Association: The leading society of amateur astronomers', folded leaflet, 'Membership application form' (to include standard or digital); all produced 2018 January.

BAA SALES CATALOGUES AND ORDER FORMS

BAA Sales Order Forms exist for various years and formats, some being booklets and others leaflets; I have not tried to list them here. The Prospectus (see above) listed publications and other items for sale up to the 1970s, so all these Sales catalogues are of a later date.

Examples of dated order forms and booklets:

BAA Sales Catalogue;
b & w A5 stapled booklet issued with the 1997 February *Journal*, and dated 1996 November (11/96).

[to be completed]

BAA MEETING PROGRAMMES

Annual folded card (1987- 2010/11), followed by folded leaflets (2011/12 onwards).

BAA VOTING PAPERS

These were always enclosed with one issue of the *Journal*, but there is no full archive of them. We have copies available from 1974 to date and several dozen earlier ones that had been discovered inside old issues right back to the 1890s.

Note (1): Pre-1974 copies will be welcome for the archives.

BAA TOTAL SOLAR ECLIPSE EXPEDITIONS

RAS/BAA Total Solar Eclipse 1954 June 30: Preliminary Notice; A5 flyer inserted into the *BAA Journal*, **63** (6), 1953 May.

BAA Total Solar Eclipse 1954 June 30; Alternative shorter trip; A5 flyer inserted into the *BAA Journal*, **64** (1), 1953 December.

MISCELLANEOUS LEAFLETS & REPRINTS

The Night Sky at the Equator, Journal-sized (A5) card showing aspect charts for January, May and September. Reprinted from the *Journal*, **72** (6) (1962).

Astronomy as a Career, by E.A.Beet and R.H.Garstang, reprinted from the *Journal* of the British Astronomical Association, Vol. **68**, No. 3, pp. 118-122. Oxford: At the Vincent-Baxter Press. A5 booklet with card covers.

Astronomy as a Career, by E.A.Beet and R.H.Garstang, reprinted from *J. Brit. Astron. Assoc.*, (1962), 5, 239-244 (amended 1965). Price 1s 6d post free. Hobbs the Printers Ltd., Millbrook, Southampton. A5 booklet with card covers.

Astronomy as a Career, British Astronomical Association, Burlington House, Piccadilly, London W1V 0NL. Price 15p pst free. (Editors [listed inside]: W.B.Somerville and P.Richards-Jones (BAA Education Committee).) n.d., but known to have been printed in 1973 and 1977. A5 booklet with card covers.

The Solar System, by E.A.Beet and H.G.Miles (BAA Education Committee), Sumfield & Day Ltd. (1980). A5 booklet.

The Beginner's Telescope, by F.M.Holborn (1947 Presidential Address). A5 booklet. (*)

The Beginner's Telescope, by F.M.Holborn, reprinted [with added illustrations] from *JBAA* 1948, with a Foreword and Supplementary notes by H.E.Dall (1975). A5 booklet.

BAA Reprint No. 1, *Photography and the Amateur Astronomer* (1952 Presidential Address), by Gerald Merton (1953). A5 booklet.

Photography and the Amateur Astronomer [1952 Presidential Address by Gerald Merton], Reprinted from *J. Brit. Astron. Assoc.*, (1952), **63**, 7 with an Addendum [by M.J.Hendrie F.R.A.S.] (1963). A5 booklet.

BAA Reprint No. 2, *The Planet Mars* (1953 Presidential Address), by E.H.Collinson F.R.A.S. (1956). A5 booklet.

Instrumental and Technical Advances in the Last Forty Years (1955 Presidential Address), by R.L.Waterfield, M.B., F.R.C.P., F.R.A.S. (reprinted from the *Journal*, **66** (1), 1955 December). A5 booklet.

The Story of the Hertzsprung-Russell Diagram (1956 Presidential Address), by R.L.Waterfield, M.B., F.R.C.P., F.R.A.S. (reprinted from the *Journal*, **67** (1), 1956 December). A5 booklet.

The Royal Greenwich Observatory at Herstmonceaux (1958 Presidential Address), by A.Hunter, Ph.D., D.I.C. (1958). A5 booklet.

[*Note*: Other reprints of Presidential Addresses can occasionally be found, but they were printed for their originators' personal use, and were not sold as BAA publications.]

BAA Sectional Notes 1, Methods of Observation Section, *A Solar Prominence Spectroscope, with Instructions for Making and Using*, by F.J.Sellers M.I.Mech.E., F.R.A.S. (1945). A5 booklet.

BAA Sectional Notes 2, Methods of Observation Section, *The Optical Adjustment of a Newtonian Reflector*, by F.J.Hargreaves, F.C.I.P.A., F.R.A.S. (1945). A5 booklet. [Two different editions by different printers, each with a different cover price.]

BAA Sectional Notes 3, *Mercury and Venus Section Observing Notes*, by H.McEwen (n.d. (ca. 1948)). A5 leaflet.

Instruments & Imaging Section: *Notes on the Use of the Telescope*, by R.A. Marriott (n.d., ca. 2000). Folded leaflet on thin A5 card.

Instruments & Imaging Section: *Berthon's Dynamometer*, by R.A. Marriott (n.d., ca. 2000). Folded leaflet on thin A5 card.

Instruments & Imaging Section: *Notes on the Use of Binoculars*, by R.A. Marriott (n.d., ca. 2000). Folded leaflet on thin A5 card.

Equipment & Techniques Section: *What telescope should I choose for a child interested in space?*, by D.Arditti, A5 booklet (2019).

Edmond Halley 1656-1742: A Conversazione to celebrate the Tercentenary of his birth, in the rooms of the Royal Society, 22 November 1956 (Catalogue of the Exhibits). Booklet, of non-standard size somewhat larger than A5.

The *Journal* of the BAA, 1890 October, Volume 1 part 1; facsimile reprint, 1990. ~A5 size.

Occasional Reprints [of BAA publications], No. 1. Stapled A4 leaflet, Pp. 16, edited by R.A.Marriott (1996 August).

Porter's Solar Disk, on card (with the text of the paper by J.G.Porter reprinted from the *BAA Journal* (1943) on the reverse side (n.d. (1970s, and earlier printings))).

BAA [CURRENT] LEAFLET SERIES (*Ed.* Ann Davies)
Observing the Sun (2013)
Observing the Moon (2013)
Observing the Planets (2013, 2019)

Observing Occultations (2013)
Observing the Aurora and Noctilucent Clouds (2013)
Observing Variable Stars (2013, 2019)
Observing the Deep Sky (2013)
The BAA Online Community (> 2013)
Observing Exoplanets (2019)
Researching Astronomical History (2019)

Note (1): All are A5 folded leaflets on thin card.

BAA STAR CHARTS

(1) *BAA Star Charts* (Epoch 1950); five charts drawn by Wil Tirion, Sumfield and Day (1981 and 1982 Editions). Size: 18 x 13½ inches (46 x 34 cm). Supplied rolled in a cardboard mailing tube.

(2) *BAA Star Charts* (Epoch 1950); five charts drawn by Wil Tirion, Enslow Publishers, NJ, USA (1981 and 1982 Editions). Size: 18 x 13½ inches (46 x 34 cm); supplied in a buff envelope, folded in half.

(3) *BAA Chart of the Heavens*; one large A3 sheet. First published 1994.

Note (1): A plastic overlay graticule to fit these charts, with an explanatory leaflet was written by H.R.Mills, accompanied item (3). First published 1994.

BAA CfDS POSTER

Large colour poster entitled 'Britain by Night' based on a satellite photograph from 1989, together with an explanatory leaflet 'A Light-Polluted Britain' containing a newspaper quotation of 1992 usefully dates the publication.

BAA POSTCARD SETS

A postcard set containing six standard size postcards with pictures of Deep Sky objects photographed by members, and a similar but larger (A5) card, was marketed by the BAA in 1994.

BAA YEAR PLANNERS

A2 sheets, issued free to members, from 1987 till 1998.

Note: These were produced by the BAA Publicity Officer in conjunction with other organisations (the JAS [now the SPA]; *Astronomy Now* magazine; Philip's; Wiley; Armagh Planetarium).

BAA CALENDAR

2024 (published 2023 October; editor, Ann Davies).

A3 format with each month's colour images provided by members.

BAA JOURNAL BINDERS

(1) Small size binders were produced by Easybind Ltd. for issues up to and including the 1981-82 Session (volume **91**), and were sold *via* the Registered Office. (There were three versions. For the 1950s and 60s there were somewhat lighter blue covers with rounded corners. By 1973 they had dark blue covers, though the spine had always been navy blue. A third size, matching the second in style, but less tall and with wider spine, was needed for Volumes **86-91**)

(2) Large size (current, Volume **92** onwards), also sold by the Office. Red, with the BAA logo.

Note: All binders (1, 2) were labelled '*Journal* of the British Astronomical Association' upon the spine.

BAA FIRST DAY COVERS

Various first day covers have been produced from time to time. One set, 'British Astronomy' commemorated the BAA Centenary in 1990 with a set of postage stamps. Another celebrated the Total Solar Eclipse of 1999 August, while still another marked the 60th Anniversary of the *Sky at Night* TV series in 2007. All these first day covers bear the BAA logo, and the 1990 one additionally the Coat of Arms.

'British Astronomy: The British Astronomical Association Centenary 24 October 1990.' British Astronomical Association.

'Total Eclipse of the Sun. Cornwall & South Devon August 11th, 1999.' British Astronomical Association. With a descriptive card insert.

[Add details of the 2007 issue]

BAA BADGES, COASTERS, KEY FOBS, PENS, BOOKMARKS, PENCILS & NOTEPADS

BAA enamelled lapel badges, pale blue with the logo, labelled 'Centenary year' were available in 1990.

BAA Coasters, a set of four in red, also with the logo presumably date from the same time as they contain the (1990) BAA Coat of Arms.

There was also a Winchester Silver Jubilee lapel badge (1992).

A cheaper red (or yellow) plastic lapel badge from sometime in the 1980s simply has the name and logo. It is probably the same date as a very similar plastic Halley's Comet lapel badge (dated 1986).

Key fobs were available in five different colours and presumably date from 1990 and have the logo on one side and our name and web address on the reverse.

Plastic pens were produced in 5 colours in 1998, and a decent quality metal one in 2005; all contained the BAA logo. A nastier-looking cheap pen with black lettering on a white background probably dates from the 1980s Halley's Comet days.

BAA bookmarks are like the key fobs in design and come in six different colours; but a seventh one is different and commemorates the Centenary.

BAA Pencils simply are labelled 'British Astronomical Association'.

BAA notepads (1998; 9 different colours) were pocket-sized and had the logo on the front.

Note (1): There are also paper bags and plastic carrier bags, also bearing the BAA motif.

Note (2): The somewhat elusive dates might be firmed up by the use of old Sales lists.

BAA MOUSE MAT

Produced in 2005, with the reproduction of a pencil drawing made of the speakers and audience at a BAA Ordinary Meeting in 1893.

BAA TIE

Available in two colours, navy blue or red. BAA logo. First produced in 1989.

BAA SWEATSHIRT

Produced in the early 1980s; a long-sleeved yellow sweatshirt with the then new BAA eclipse logo printed upon the front.

In 2018 the Association arranged with an online clothing company to make its logo printable onto a chosen garment, so members could make their own bespoke BAA polo shirts, fleeces and zipped hoodies (or similar items). No stock was held of any item.

BAA SKYLINE CARD

This wallet card contained details of the BAA's short-lived *Skyline* telephone recorded message service, which gave information about the latest astronomical news (n.d. (1990, or shortly after)).

VSS MICROFILM

Supplement to the Variable Star Section *Memoir*, Volume **38** (1958).

Note (1): This was never commercially available, but presentation copies were given to many libraries worldwide and to UK and UK copyright libraries. A single copy of the microfilm is kept in the BAA Library with the collection of *Memoirs*, and there is also a recently printed and bound copy there.

Note (2): A scan of this microfilm, containing the light estimates of the variables, was included with the recent (2017) DVD edition of the *BAA Memoirs*.

BOOKS

Norway Eclipse Expedition Album, 1896 (Album of the 'Norse King' Eclipse Cruise to Vadso; Varanger Fjord; Norway, July 25th to August 24th, 1896), Eds. E. Walter Maunder, Joseph Lunt, Thomas Simpson (Hon. Sec.), March 1897. [hardback]

[R.A. Marriott's paper about this eclipse in the *Journal*, mentions the set of 3 x 3 inch glass slides produced to celebrate the event, which are available in the archives.]

The Indian Eclipse 1898, Ed. E. Walter Maunder F.R.A.S., Hazell, Watson & Viney Ltd., London, 1899. [hardback]

The Total Solar Eclipse of May 1900, Ed. E. Walter Maunder F.R.A.S., 'Knowledge' Office, London, 1901. [hardback]

The Total Solar Eclipse 1905, Ed. F.W. Levander F.R.A.S., Eyre & Spottiswoode, London, 1906. [softcover]

Images of the Universe, Ed. Carole Stott, CUP, 1991. [softcover] This book was produced to celebrate the 100th Anniversary of the BAA in 1990, and contains chapters written by its members, though the history of the Association is not covered.

DVDs

The 1999 August 11 eclipse: An archive of observations of the twentieth century's final total solar eclipse, Ed. Nick James (2000). Published in two versions: (a) In an illustrated cardboard sleeve; (b) in a hard plastic CD case, with the same illustrated design.

Total Solar Eclipse 2006 March 29th (2006). In a hard plastic case. [This and the succeeding eclipse DVDs were Edited by Nick James and Roger Perry and Produced by Roger Perry. [Blu-ray editions were also produced for some: I know of 2008, 2010, 2012 and 2016 in that format.]

Total Solar Eclipse 2008 August 1st (2008). In a hard plastic case.

Total Solar Eclipse 2009 July 22nd (2009). In a hard plastic case.

Total Solar Eclipse 2010 July 11th: South Pacific (2010). In a hard plastic case.

Total Solar Eclipse 2012 November 13/14: Australia (2012). In a hard plastic case.

Total Solar Eclipse 2015 March 20th: Faroes, Svalbard, Partial in UK (2015). In a hard plastic case.

Total Solar Eclipse 2016 March 9th: Indonesia (2016). In a hard plastic case.

Total Solar Eclipse 2017 August 21st: U.S.A. The Great American Eclipse (2017). In a hard plastic case.

Total Solar Eclipse 2019 July 2nd; South America. (2019). In a hard plastic case.

The Transit of Venus, 2004 June 8, *Eds.* N.James and H.McGee (2005). In soft plastic DVD pouch.

Developments in Amateur Astronomy Past, Present and Future with Sir Patrick Moore, FRS at the Royal Institution, London, 21st November 2009 (2010) [3 DVD set]. In a hard plastic case.

Journal of the British Astronomical Association [Set of three DVDs]
Volumes **1-50**, Volumes **51-100**, Volumes **101** onwards; 1st edition (2012). In three hard plastic cases.

Journal of the British Astronomical Association [Set of three DVDs]

Volumes **1-50**, Volumes **51-100**, Volumes **101-125**; 2nd edition (2016). In three hard plastic cases.

Memoirs of the British Astronomical Association

Volumes **1-42**; 1st edition (2017). In soft plastic DVD pouch.

Papers given at the Perth meeting on Mesospheric Clouds 2002 August 19-22 (*Eds.* M.Gadsden and N.James); BAA *Memoirs*, Volume **45**.

[Two editions exist: the 2002 edition in soft plastic DVD pouch; the 2017 (reprint) edition in a hard plastic case. A printed and bound copy was made for the Library in 2018.]

CATEGORY E

LARGE FORMAT ITEMS IN THE RETAINED LIBRARY (W)

Lunar charts

1

'*Map of the Moon in XXV Sections with Index*' by Walter Goodacre (reduced from the Author's original map of 77 inches diameter), published by the Author, London, 1910. Two copies.

2

'*Map of the Moon*' by H.P.Wilkins, printed by W.F.Stanley & Co., London (*n.d.* but almost certainly the 1946 edition). Signed copy in strong binding. This is a reproduction of his 300-inch diameter map on a scale of 100 inches. The various sheets are dated (when dated) 1937, 1943 and 1946. There are 25 sheets, of which Nos. 13, 17, 21 & 25 (all small corners) are combined upon the titlepage.

3

'*Selected lunar charts, Folio I, Nos. 1-14*' by H.P.Wilkins, President of the International Lunar Society (*n.d.* but *circa* 1959). Two copies.

4

H.P.Wilkins 300-inch lunar map, reduced scale reproduction from the third (1951) edition, published as *ALPO monograph No. 3* (1995). Sheets in cardboard folder.

5

'*Moon Atlas*' by V.A.Firsoff, Hutchinson, 1961.

6

Some large-scale undated photographs from the Lick Observatory from the 1890s, including one framed one (once hung in the Library). One of the prints is labelled 'E.A.Deavin' on the reverse. (Mr Deavin inherited the lunar MSS of H.P.Wilkins, which were later given to the National Maritime Museum.)

In 1981 these were done up in a brown paper parcel in the Archives cupboard, with a 1914 postmark, and comprised a set (or probably part of) 'A set of 16 Lunar Photographs taken at the Lick Observatory, on consecutive days, from New Moon to New Moon.'

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