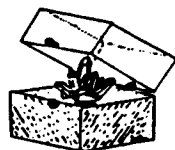


BRITISH MICROMOUNT SOCIETY



NEWSLETTER NO. 21

NOVEMBER 1987

<u>CHAIRMAN</u>	Mick Wolfe	16 Collington St., Beeston, Nottingham NG9 1FJ
<u>SECRETARY</u>	Elsie Hansford	46 Wydeville Manor Road, Grove Park, London SE12 0EW
<u>MEMBERSHIP SECRETARY</u>	Neil Hubbard	122 Cordery Road, Evington, Leicester LE5 6DF
<u>TREASURER</u>	Sidney Freeman	12A Allingham Court, Haverstock Hill, London NW3 2AH

THE NEW CHAIRMAN: HIS MAIDEN SPEECH

Mick Wolfe

At the recent very successful symposium I had the honour to be elected as chairman of the British Micromount Society for 1987/88. As only half the membership were in attendance at Leicester I thought it best to introduce myself through the pages of our newsletter.

My name is Michael Wolfe although most people call me Mick - to my face anyway. I am married and live in Beeston near Nottingham. I have been collecting minerals for about six years and have been a member of the B.M.S. for five of those. I am by profession a chartered production engineer employed by the Plessey company.

I'm very far from being an expert on any aspect of minerals - as my friends in the Northern Group will testify. In fact I've reached the stage where the more I learn about the subject the less I appear to know. The true experts tell me this is a not uncommon phase that passes with time and experience. Let's hope so.

My collection, due to space limitations, has to be restricted to British only although money does have something to do with it. I do, however, have a few Tsumeb specimens which I could not resist.

When Max Wirth first contacted me for permission to put my name forward my immediate thought was that he had started looking at the wrong end of the membership listing to come up with my name. After giving his suggestion more thought however I realised that I had contributed little in my five years of membership to a society that had given me quite a lot - enjoyment, many new friends, information on new collecting locations, access to swapping, company on collecting trips etc. five years of taking should be balanced with some giving

so I told Max I would stand unless someone else was actively seeking the nomination. As it happened no-one else was and, much to everyone's relief I suspect, I was proposed, seconded, and voted in.

The size of the boots left by the previous chairman, Roy Starkey, is far too large for me to hope to fill. All I can try to do, with the assistance and co-operation of the committee and the membership, is to ensure that the B.M.S. continues to grow and flourish, to encourage the members to learn more about minerals (including myself), to make new finds and to explore new locations - sounds a bit like the opening sequence to Star Trek.

All societies are only as good as their members. Ours is an excellent society. Lets make it even better.

A TRIBUTE TO ROY STARKEY, RETIRING CHAIRMAN

Eric Otty

For the best of all personal reasons, Roy has retired as Chairman of our Society and it gives me great pleasure to pen a few words of appreciation. Roy launched the Society at the British Mineral and Gem Show held at Leicester in March 1981 and within three months had produced the first newsletter and a British Directory of Micromounters. An inaugural meeting was held in March 1982 and in the August there was a field trip to Mid-Wales followed by a weekend symposium at Matlock Bath in October. The following year the symposium was switched to Leicester University where it has since become a very popular annual event. Roy continued to produce the newsletter, arrange field trips, and organise the symposium arrangements almost single-handed until 1984 when a formal constitution was adopted and Society Officers were elected. Notwithstanding the delegation of responsibilities, Roy remained firmly at the helm and throughout the existence of the Society he has made available help and expertise to all with unflinching good humour. He has also maintained his own immaculate collection and remained an active member of the Russell Society, Northern Mine Research Society and the Welsh Mines Society, making valuable contributions to their literature. As a field collector Roy has few equals. He likes researching old literature about mines and sites, going over the ground and generally collects what he has set out to find.

We are all grateful, Roy, for your dedication to the Society which you have built up on firm foundations and can leave in good hands. You now have even greater responsibilities which must take priority but perhaps sometime in the future you will take up the reins again. Meantime you and Mary have the support and very best wishes of all the members of the BRITISH MICROMOUNT SOCIETY ... thank you and GOD BLESS.

6TH ANNUAL SYMPOSIUM LEICESTER 3/4th OCTOBER

Mike Rothwell

The symposium this year was held a week later than usual and that may have been the reason why the attendance record was not broken once again. Nevertheless 82 members and one guest from America, Mr Henry Twiggs, had given notice of intention to attend. In the event nearly all of them arrived punctually on Saturday morning. Again the sun was shining (unlike most field trips to the Caldbeck Fells). Unfortunately one or two old friends were unable to come but we were pleased to welcome 9 members attending for the first time. It is encouraging to be able to welcome new faces and we hope to see them all again next year.

Much to everyone's delight Mary and Roy Starkey brought along their daughter Carole Anne who was by far the youngest present; she was also the quietest.

Before the first talk started the organiser was pleased to pass on Eric Otty's best wishes and thanks for all the cards and good wishes he received during his recent illness. We all hope to see Eric at next year's symposium.

The first talk, which was entitled "Zeolites", was given by Max Wirth. Max explained the nature of Zeolites and showed excellent slides of the minerals and some of the good collecting sites in Scotland. (Note: the sites on Skye can be dangerous as the rocks are weathered and unstable, when collecting care should be taken and hard hats worn).

Jean Spence followed Max, the first time a lady has spoken. Those of us who attended the first symposium at Matlock Bath will remember that Jean was scheduled to talk then but she escaped on that occasion. It has taken six years to catch her again, but the wait was well worth it. Jean spoke about Pyromorphite and the different habits that occur along the south vein at Roughten Gill. Jean's talk was originally conceived by Peter Briscoe, who, although not a micromounter, is well known in northern mineralogical circles. Pete's slides, and those of Mick Cooper, which Jean used to illustrate her talk, were first class and did credit to this attractive mineral and the lovely surroundings in which it is found.

Following a short break we had some chemistry and yet more chemistry from Trevor Bridges. Trevor has a real gift for explaining the chemistry of mineral formation and he is able to make a complex subject understandable to non scientists; it is easy to see why his talks are so popular. The afternoon was filled with a swopping session and general get together. This was followed at 5pm by the auction. Once again this was organised by John and Pam Pearce ably assisted by Daphne Hall, Roy as Auctioneer, Dave Middleton, Trevor Bridges and Neil Hubbard as runners. Thanks to their efforts the society is nearly £100 richer.

A buffet was organised to follow the auction and by way of an after dinner treat Elsie Hansford showed her collection of stereoscopic mineral photographs. These are stunning, the quality of the photography is remarkable and one can only admire Elsie's achievement.

On the Sunday morning some of us actually arrived before John Faithfull. Perhaps it was the rain which encouraged us. John did have a handicap though, he had been to a party and something he had partaken of had affected his wellbeing. We did not have to wait long however as John, trying hard to smile, soon appeared to unlock the door and let us in.

After coffee the AGM took place; this, inclusive of the retiring chairman's awards presentation, should be reported elsewhere in this newsletter. David Middleton's run-down on all the interesting things to see was delivered with his usual aplomb. One item in particular that he mentioned was the susannite specimen from Red Gill which Max Wirth collected recently and generously donated to the reference collection. David's annual contribution to the symposium is much appreciated, especially by those who, like the writer, don't seem to get around much. By pinpointing interesting things David helps increase everyone's enjoyment.

David Green explained with the aid of some simple but effective demonstrations how wet chemistry is used to help identify minerals. Following this talk there was enthusiasm expressed for some form of practical workshop at the next symposium.

The last formal contribution to the weekend brought a change of programme. We are fortunate in having in the society Bob Reekie who is curator at the Royal Scottish Museum. Bob had brought some slides illustrating the work of the museum, notably that done to make the batons for the Commonwealth games of 1986 and some pictures

of minerals in the Museum's collection. This was too good an opportunity to miss and so Bob showed these interesting slides in place of the scheduled talk on Llangynog which will be saved for another day. (Note: the organiser did practice the talk to an audience of two during the afternoon).

The organiser wishes to thank everyone who contributed and also those who, by simply coming along, helped to make the weekend a success. In particular Elsie Hansford, who works so hard on the secretarial chores, and John Faithfull, who looks after us all weekend, deserve a special thanks. We must also not forget the role of Roy Starkey, the retiring chairman, who started these symposia. All of this help is much appreciated.

1988 SYMPOSIUM

The 7th annual symposium will be held at Leicester University on 1/2nd Oct. 1988. SEE YOU THERE.

EASTER MINI-SYMPOSIUM

Mick Wolfe

At the 1987 AGM held at the Leicester Symposium there was a great deal of support for a 2nd weekend symposium at Easter. This would be a more low key get-together with fewer lectures and BMS business and thus offering more time to talk about, examine, and display specimens. There could still be some events; talks, slide shows etc., plus an informal meal on the Saturday night.

We desperately need an organiser for this event: Mike Rothwell assures us that the work load is not onerous and has volunteered assistance and advice to any prospective organiser but regrets he is unable to take on the job himself. Anyone willing to write a few letters and make a few phone calls on behalf of fellow BMS members please contact Mick Wolfe.

BRANCH NEWS: NORTHERN BRANCH

Eric Otty

Meetings on the 12 September and the 7th November were both attended by 12 members and friends. Both concentrated on discussion of the results of recent fieldwork: specimens from the Caldbeck Fells were much in evidence including some fine micro crystals of pyrrhotite from Carrock Mine collected by Mike Rothwell, oddities from Red Gill, and unusual copper arsenates being studied by Mick Cooper and David Green. Richard Bell showed specimens collected in the south-west including some fine Yate celestines. The November meeting concluded with a discussion about a group field trip to Scotland in 1988. Excellent refreshments were provided, as usual, by Jean Spence and Muriel Tissington. Next meeting is Saturday, 5th March 1988 at the library, Bircotes, Doncaster. New members are welcome: contact Jean Spence for directions.

THOUGHT FOR THE DAY

Mick Cooper

It is a sad fact that many fine mineral specimens are destroyed during the course of mining; often unavoidably but sometimes as deliberate policy on the part of mining companies anxious to maximise profits. No one has written more eloquently on this loss than W. Semmons who, in 1880, closed his paper "On brochantite and its associations" (Min. Mag. 4, 259-263) with these words:

"It was with feelings of regret that I saw the cargo of ore, from which my specimens were derived, consigned to immediate and complete destruction in the crushing mill. Like a botanist witnessing the trampling down of his fairest and rarest flowers, I saw these brilliant gems mangled and crushed.

Through the kindness of the owners I was, however, enabled to preserve a few specimens, and as some of them are deposited in our National Collection, they can be referred to by other Mineralogists; but I cannot help noticing what a vast heap of valuable specimens was here destroyed with scarce a look being bestowed upon it, or fragment preserved."

BOOK SELLERS

Mick Cooper

Two new lists of second-hand mineralogical (and other) books have recently been sent to me. Both contain a good range of titles and are not unreasonably priced:

Baldwin's Books (Stuart A. Baldwin) Fossil Hall, Boars Tye Rd., Silver End, Witham, Essex CM8 3QA Tel. (0376) 83502.

Catalogue no. 3, autumn 1987 contains nearly 800 "general geology" titles, many of specifically mining or mineralogical interest including the IMM's 'Future of non-ferrous mining in Great Britain'; Rudler's 1905 'Handbook of minerals of the British Islands'; Moseley's 'Geology of the Lake District'; and S. Kinns 'Moses and Geology, or the harmony of the Bible with Science' of 1889, all at £10 or less.

Cosmos Antiquarian Books, P.O. Box 336, Lange Hofstraat 11, NL-7200 AH Zutphen, Holland.

"Catalogue 36 geology" contains over 700 items, nearly 250 of which are mineralogy, crystallography, and related subjects. This list contains a great many more foreign language titles than Baldwin's but nevertheless there are many in English. Descriptions of the items offered are in English also. Included are Shannon's classic 'Minerals of Idaho' of 1926 (worth having for the crystal drawings alone), and other classic works by Agard, Brush, Guillemin, Kobell, Lindgren etc., etc.

MINE SAFETY

The latest list from David Shannon Minerals of Mesa, Arizona contains a short introductory note that bears repetition here: "Mike had an interesting thing happen; sloshing through the Childs-Aldwinkle mine (that's the one that has 6" of green goey water on the ground) checking out the stopes for good minerals. His partner ... was ahead and walked towards a deeper looking section (looked like 10") and Mike fell straight down a vertical completely hidden by water. He fortunately was able to catch himself on the edge with only his head above water. Now you hear stories of people walking into flooded vertical shafts (because you can't tell how deep the water is) but somehow in the back of your mind you say it must be just carelessness. Obviously if you are really careful and observant you will be able to tell the difference between a few inches of water and a bottomless hole right? WRONG!!"

BMS COLLECTION INDEXES

Max Wirth has produced two indexes to the BMS micro collection. These give alphabetical lists of species and locality (site name) followed by the accession numbers of the relevant specimens. The lists are too long to print in the newsletter (4 and 6 A4 pages respectively) but Mike Rothwell has generously offered

to handle photocopies of the listings and they are available from him for a nominal fee (50p).

OPTICAL MICROSCOPY

Nigel Hoppe has passed on to me (your editor) a copy of an idiot's guide to optical microscopy written for him by Max Wirth a few years ago. I considered printing this, in part at least, in the newsletter but, like the collection indexes (see above) it is too long (6 A4 sheets). If sufficient members would like to see this guide it might be possible to print it at a later date; in the meantime I suggest that interested parties should write to me for a copy.

BOOK REVIEWS

"Minerals of Cornwall and Devon" by P.G. Embrey and R.F. Symes. British Museum (Natural History)/Mineralogical Record 1987. 8.5x11"; 154 pages, profusely illustrated. £9.95

Yes it's finally in print! This is the first (but not the last!) book on British mineralogy for a great many years and is an excellent work. It gives a review of the geology of the peninsula, followed by sections on the mines and mining, collectors and dealers, the minerals, and an extensive bibliography of more than 1100 items. Some 80 colour photos of superb specimens complement the text. The book's strength lies in its historical approach to the subject. Illustrations and overall production are to a very high standard and though some of the illustrated specimens seem surprising choices at first glance the accompanying captions, full of historical detail, soon put the pieces in perspective. Further comment is scarcely necessary: if you are interested in mineralogy then just go and buy it, you will not be disappointed! Now I can go back to reading it ...

Mick Cooper

"Glossary of the minerals of the Lake District and adjoining areas" by Brian Young 1987. British Geological Survey. 8.25x11.5"; 104 pages. £8.50

An excellent alphabetical listing of all species (approximately 300 in all) from the given area known to the author. The majority of entries are taken from the literature (the bibliography contains approximately 250 references), the remainder are taken from Brian Young's own personal experience or from examination of specimens in various museum collections. Localities are listed under each species heading followed by the relevant literature references in chronological order. Extracts from the original author's text, where necessary, illuminate the occurrence. Perhaps not such good value as "Minerals of Cornwall and Devon" but an essential book for anyone with an interest in Lake District minerals. Strongly recommended.

Mick Cooper

"Minerals of the World" by Rudolf Duda and Lubos Rejl. Published by Spring Books, an imprint of Hamlyn Publishing Group. Price £8.95

This large hardback of 520 pages contains descriptions of 602 minerals from Czechoslovakian museums, and includes over 400 colour photographs and 300 line drawings of crystals. There is also much practical information on mineral identification. It is an excellent encyclopedia of minerals and represents exceptional value, (worth buying just for the photographs - Ed.).

Eric Otty

"MINERALOGY AND MUSEUMS"

This is the title of an international conference organized by the British Museum (Natural History) and the Mineralogical Society of Great Britain and Ireland. It will be held at the BM(NH) on July 5th - 6th 1988. Three guest speakers will lead discussions on the themes "Communication and displays" (Dr. H. Bari, Strasbourg), "Acquisition and curation" (Dr. J.S. White, Smithsonian Institution) and "Research directions and needs" (Dr. J.A. Mandarino, Royal Ontario Museum). The conference is intended to be of interest to professional and amateur mineralogists, curators, designers etc. Registration costs a very reasonable £20 (£15 to members of the Min. Soc.). For details apply to Dr. Paul Henderson, Mineralogy and Museum Conference, Dept. of Mineralogy, British Museum (Natural History), Cromwell Rd., London SW7 5BD.

FOREIGN EXCHANGE

We have had a request from a group of French collectors who would like to exchange micros with collectors over here. They want only pieces collected in Great Britain and Ireland and offer in return pieces from France and a few from Peru, Morocco, and Spain. Their detailed lists contain few surprises but the quality sounds high. Anyone interested should contact Michel Hubbert, Centre Alpha, Esc. 3, Apt. 34, 56600 Lanester, France.

An American collector, Richard Green (1745 13th Street, Cuyahoga Falls, Ohio 44223), also writes to ask for exchanges. He has hundreds of good micros of lead minerals from Arizona, silver from El Bonanza, Canada etc. He is interested in Cornish arsenates; uranium, and tin minerals; fluorites; Meadowfoot slags; and anything from Wales and Scotland.

OPEN DAYS AT THE BRITISH GEOLOGICAL SURVEY : 1988

Following the overwhelming success of these events in 1985 and 1986 (at Keyworth in 1986 over 10,000 attended the public Open Day alone!) further Open Days are planned for 1988. The dates, where known, are as follows;

Aberystwyth	- Thursday, Friday and Saturday, 14, 15 and 16 July
Edinburgh	- Friday, Saturday and Sunday, 28, 29 and 30 October
Exeter	- Thursday, Friday and Saturday, 12, 13 and 14 May
Grays Inn Road	- Friday and Saturday, 20 and 21 May
Keyworth	- Thursday, Friday and Sunday, 5, 6 and 8 May
Newcastle	- Thursday, Friday and Sunday, 5, 6 and 8 May

The BGS Open Days have been described as a 'splendid example to the general public of geology in action' and as 'immensely valuable for the profession as a whole' while the exhibits have been described as 'magnificent' and 'helpful', for example, to museum curators in the preparation of new geology galleries.

The co-ordinator for the 1988 Open Days (he performed much the same role in 1985 and 1986) is Dr. Brian J. Taylor who can be contacted at Keyworth (06077) 6111 Ext. 3392.

BMS ANNUAL GENERAL MEETING 1987

Minutes of the Annual General Meeting of the British Micromount Society held at Leicester University on Sunday 4th October at 9.45am attended by 79 members.

1. MINUTES

The minutes which were previously circulated were taken as read. It was stated that the 2 cabinets of Norman King's collection were now being looked after in Nottinghamshire by Mick Cooper. This was noted and the minutes were signed as a true record.

2. MATTERS ARISING

2.01 Membership Fees: The Chairman proposed no increase in fees this year. To be reconsidered next year when increased printing costs of the Society's literature over the next year are known.

2.02 National Micromount Reference Collection: Max Wirth mentioned that the Collection was not being used by members. Only two requests for loans had been received during the past year.

2.03 Field Meetings: The Chairman asked for volunteer leaders but none were forthcoming. Possibility that local groups could organise an itinerary for the May weekend. After much discussion there were no positive answers. Members were asked to come up with suggestions by February latest and the details to be printed in the February Newsletter.

It was suggested that another indoor meeting be arranged, perhaps for the spring of 1988, at Leicester University but with a less structured programme. members present voted favourably by 45 for and 14 against. This meeting to be an experiment for one year only, initially.

2.04 Sid Freeman reported that the F.L.A.G.S. Directory of Mineral & Geological Clubs and Societies nationwide was now available to anyone at the cost of £2.

3. OFFICERS REPORTS

3.01 Membership Secretary: The membership secretary reported the gain of 12 new members during the past year but 11 members were also lost. The membership now stood at 142. Appeal to members present to pay their subscription fee for 1988. The Chairman asked about the need to encourage further membership. There were no BMS members in Wales and very few in Scotland. Advertising was suggested. It was concluded that no formal recruitment drive was desirable but an entry could be placed in 'Rockbottom'.

3.02 Treasurer's Report: The treasurer reported a current balance of £900, without taking into account final payment of Goldschmidt + subscriptions. Quite a healthy position. It was asked if the money was in a current or deposit account. The treasurer answered it was all in a current account at present. If it was placed in a business account the BMS would probably incur heavy charges unless they became 'Charity Status'. It was noted that "Northern Mines Research Society" had recently attained 'Charity Status'. However, if BMS were to follow this course it would require a change in the Constitution. Sid Freeman was requested to investigate and formulate a proposal on this matter in time for an Extraordinary General meeting to be held at the 1988 Spring Meeting.

It was asked if the accounts were audited. The treasurer replied we had no auditor. Mike Leppington volunteered to audit the accounts and this was duly proposed and seconded.

3.03 Secretary's Report: There was no report, but the Secretary was unanimously thanked for her work during the past year.

3.04 Chairman's Report: Put back to the end of the meeting.

4. ELECTION OF OFFICERS

17 nomination forms were returned covering 18 nominations for existing officers. The Secretary, Membership Secretary and Treasurer were re-elected un-opposed (2 nominations received for Chairman were deemed invalid as nominee had not been approached).

4.01 A nominee for Chairman was called for from the floor. Roy Starkey then proposed Mick Wolfe who was seconded by Max Wirth. He was unanimously elected.

Roy Starkey stated his willingness to serve again sometime in the future.

4.05 Symposium Organiser: Mike Rothwell again offered his services for 1988 (need for a successor in 1989)
New Secretary will be required for 1988/9. Please give thought to this.

4.06 Field Meeting Leaders: It had already been suggested that local groups give thought to this matter.

4.07 Newsletter Editor: Nick Cooper was happy to retain this post.

4.08 Hon. Curator: Max Wirth was still happy to hold and curate the mineral collection but would like to hand a second key to someone for safety.

4.09 Hon. Archivist: Muriel Tislington willing to retain post but assistant required to keep Symposium Notes for archives. Any printed copies of back newsletters were available at cost ex Muriel.

5. ANY OTHER BUSINESS

5.01 Goldschmidt Atlas: The Society has now taken delivery of a Facsimile Reprint of this work. As only 200 sets had been printed they would be hard to replace. Therefore great care was needed in the use of the volumes. It was suggested that the volumes should be Hard Bound for protection and estimates would be obtained. The Society to finance the binding of same. It was also suggested the volumes could be split up between the groups eventually.

5.02 British Mineral & Gem Show: The 1988 show on the 26-27th March will be held in the Royal Horticultural Old Hall, Vincent Square, Westminster. (Nr. Victoria) The BMS will have a Stand.

5.03 The BMS printing requirements will in future be put out to Commercial printers.

5.04 Annual Museum Visits - May be possible to arrange visits for approx 12 people per time if anyone willing to organise a programme.

5.05 Society Badge/Shirt/Tie etc. Not required.

5.06 Max Wirth said no one should be put off sending specimens for the BMS Collection because of uncertainty of identification. As long as basic facts, i.e. Location (essential) and associated minerals (useful), were provided.

5.07 Colin Horstmann has written up some notes on suggestions how to get in to see the Sorbonne Collection in Paris. Ask Colin for a copy.

- 5.08 John Betterton asked how to go about finding notes on new species.
- 5.09 Geoff Deverell has own printed copies of all back numbers of Mineralogical Record Magazine and would be happy to let members have copies at cost.

6. CHAIRMAN'S REPORT: (ex 3.04)

The retiring Chairman Roy Starkey, in his report, gave a comprehensive summary of the Society's history since its inauguration in 1981 at the 1st British Mineral and Gem Show held in Leicester.

Roy gave his thanks to Elsie for all her work (also a certificate presented) in secretarial as well as many other organisational efforts with the BMS.

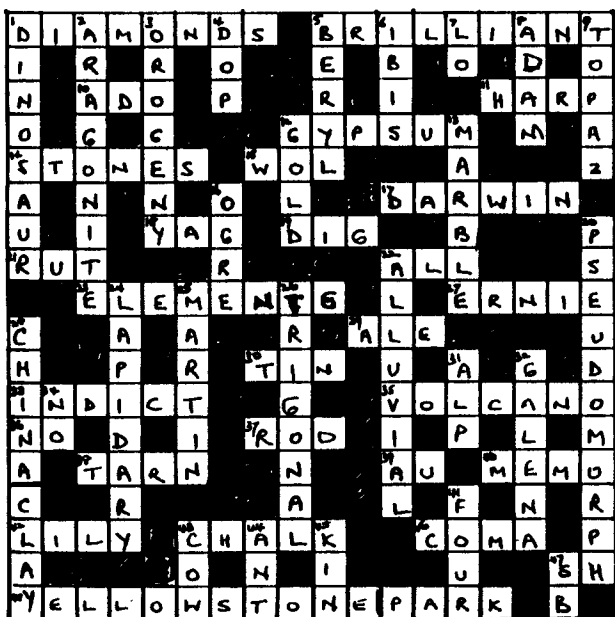
Roy also gave his personal awards to Eric Otty thanking him for past efforts as Newsletter Editor along with which the members wishes were sent to him (via Avril) for a good and speedy recovery, and to Trevor Bridges for his repeated help at Symposia and 'Goldfish theories'.

Roy then presented a large Silver Cup to BMS. (This to be presented annually to the member giving outstanding service to the Society and its aims during the year or for contributions to Mineralogy in general. Nominations will be made by the Committee and voted upon by the membership). Voted this year to Max Wirth for all his hard work on the Society's Collection.

7. Mike Rothwell then proposed a vote of thanks to Roy for everything he had done for the Society since its inception. This was seconded by Trevor Bridges and given unanimous acclamation by the members present.

There being no other business the meeting closed at 11.15am.

E. HANSFORD
Secretary



Answers to
crossword in
the last
newsletter

SPECIMEN TRIMMER

Your editor needs a trimmer! Preferably with about a 1" blade. Anyone currently making such items please contact me with details, price etc.

NEW FINDS

A recent letter from Steve Rust gives the following new occurrences, from Esgair Hir, Dyfed, Wales, confirmed by the BM (NH):

Susannite $Pb_4(SO_4)(CO_3)_2(OH)_2$ identified on one specimen as colourless to white rod-like crystals less than 0.3mm long.

Descloizite $PbZn(VO_4)(OH)$ occurs as a complex intergrowth with brochantite and linarite (possibly pseudomorphing an earlier lead-copper sulphate). Only detectable by X-ray.

'FOR THE RECORD'

Roy Starkey

Please read this - it is IMPORTANT

One of the most valuable contributions that the amateur mineralogist can make to the science of mineralogy is the accurate recording of mineralogical data - new finds, corrections, locality information etc.

Traditionally, reports have been made via the pages of journals such as the Mineralogical Magazine, but the rigours of scientific editing frequently deter the amateur. In an effort to encourage BMS members to come forward and set down their researches in writing I propose to publish a regular section in the Newsletter under the title "For the Record". The intention will be to record and collate all authenticated finds by members, or indeed by persons outside the Society. Such a database may then ultimately be incorporated into the National Mineralogical Databank currently under discussion by the British Topographical Mineralogy Working Group. The format of the report will contain the bare minimum of information, but include the recorder's name and details of where material may be examined e.g. Personal Collection, BM (NH), Nat.Mus.Wales etc.

I have compiled a first listing from information published in previous newsletters and the data gathered at the 1987 Symposium.

Please scrutinise the entries and if you have any corrections, amendments or additions to make, please let me know. I would be particularly grateful if those persons listed would try to make the entries as complete as possible, so giving us a strong foundation on which to build future listings.

Where the find has been published in a Journal, please give bibliographic details.

Please state where material has been deposited in a National Collection, and if this has not been done, please consider so doing.

The over-riding consideration must be that nothing will be included into the list without an authenticated identification - preferably XRD by a national institution.

I look forward to hearing from you - get writing!

Roy Starkey, 29 Painswick Close, Redditch, Worcs. B98 7XU Tel. 0527 - 42018

"FOR THE RECORD"

SPECIES	LOCATION & DETAILS	NGR	IDENTIFICATION / INSTITUTION	RECORDED BY	MATERIAL DEPOSITED & DATE RECORDED
ADAMITE	Stennerskeugh Clouds, Kirkby Stephen, Cumbria. Collected from surface spoilheap.	NY743002	XRD BM(NH) File no. (6605F)	R.E. Starkey	Pers. Coll. 8/87
ALBITE	Glacial erratics, Thurstaston Beach, Gayton, Wirral.	SJ238830	XRD BM(NH)	J. Dickinson M. Rothwell	Pers. Coll. 1985
ANALCIME	Glacial erratics, Thurstaston Beach,	SJ238830	XRD BM(NH)	J. Dickinson M. Rothwell	Pers. Coll. 1985
ANATASE	Little Duke Mine, Tavistock Hamlets, Devon.	SX471695	XRD/EMP	D. Clough	Pers. Coll. 1987
ANATASE	Hendre Dry, Glynceiriog, Clwyd. In loose blocks, assoc. with albite.	SJ191347	Itl. form.	M.P. Bayley	MNH 3/85
ANGLESITE ARAGONITE	Ystrad Einion, Wales. Clevedon Beach nr Bristol Avon. In blocks of baryte from vein by pier.	SN707938 ST401718	Chemistry XRD BM(NH)	T.F. Bridges R.E. Starkey	Pers. Coll. BMNH MNH 12/82
ARAGONITE	Tolvaddan Mine, Marazion, Cornwall.	xxxxxxx	XRD BM(NH)	P. Wallace	1986
ARTHURITE	Cligga Head, Perranporth, Cornwall.	xxxxxxx	XRD BM(NH)	N. Hubbard	Pers. Coll. BMNH
AZURITE	Clevedon Beach nr Bristol Avon. In blocks of baryte from vein by pier.	ST401718	XRD BM(NH)	R.E. Starkey	BMNH MNH 12/82
BAVENITE	Aplite Dry, Meldon, Devon.	SS568923	XRD	N. Hubbard	Pers. Coll. 1986
BEQUERELITE	Peeth Lode, Level 17, Geavor Mine, Peadeen, Cornwall.	SN375346	XRD BM(NH)	D. Clough	Pers. Coll. 1986
BEUDANTITE	Burdell Gill, Caldbeck, Cumbria.	xxxxxxx	XRD BM(NH) 6271F/6273F	M.P. Cooper	D. Middleton Coll. 1987

BEUDANTITE	Clevedon Beach or Bristol Avon. In blocks of baryte from vein by pier.	ST401718 XRD BM(NH)	R.E.Starkey	BMMH MMW 12/82
BINDHEINITE	Dulchreanaid Mine Goginaa, Dyfed.	SN706823 XRD BM(NH)	S.Rust	Pers.Coll. 1987
BISMUTITE	Prince of Wales Mine, Calstock, Cornwall. As small brown xtls with scorodite & tourmaline, from surface spoilheap.	SX401706 XRD BM(NH)	M.Rothwell	Pers.Coll. 1985
BOURNONITE	Brownley Hill Mine, Wenthead, Cumbria.	NY776447 XRD BM(NH)	S.Rust	Pers.Coll. 1987
BROOKITE	Hendre Gry, Glynceiriog, Clwyd. In loose blocks, assoc. with albite.	Xtl. form.	R.E.Starkey	MMW 3/85
CALEDONITE	Esgairhir Mine, Ceulanynaesawr, Dyfed. From surface	SN734913 XRD BM(NH)	S.Rust	Pers.Coll. BMS Ref.Coll. 1985
CARBONATE- CYANOTRICHNITE	New E.Wb.Russell Tavistock Devon. Collected underground in-situ.	SX465714 XRD BM(NH)	R.E.Starkey	BMMH 4/84
CALCITE	Glacial erratics, Thurstaston Beach, Gayton, Wirral.	SJ230830 XRD BM(NH)	J.Dickinson M.Rothwell	Pers.Coll. 1985
CASSITERITE	Little Duke Mine, Tavistock Hamlets, Devon.	SX471695 XRD/ENP	D.Clough	Pers.Coll. 1987
CHADAZITE	High Force Gry, Middletan-in- Teendale, Durham. Collected in-situ.	NY879290 XRD Salford Univ.	R.E.Starkey	Pers.Coll. & BMMH 8/87
CHALCOALUNITE	Trial Level, Bontddu, Dolgellau, Gwynedd.	SH657194 XRD BM(NH)	S.Rust	Pers.Coll. 1987
CHALCOALUNITE	Penbarthy Croft Mine, St.Milary, Cornwall.	SM556325 XRD BM(NH)	D.Clough	Pers.Coll. 1985
CHALCOPHYLLITE	Trial Level, Bontddu, Dolgellau, Gwynedd.	SH657194 XRD BM(NH)	S.Rust	Pers.Coll. 1987
CHALCOPHYLLITE	Mulberry Openwork Lanivet, Cornwall. In-situ from quartz	SM019659 XRD BM(NH)	R.E.Starkey	Pers.Coll. 1983

CHALCOPHYLLITE	-chalcopyrite vein. Dyfnwynn Mine, Powys, Wales.	SM853934 XRD BM(NH)	S.Rust	Pers.Coll. 1987
CHALCOPYRITE	Glacial erratics, Thurstaston Beach, Gayton, Wirral.	SJ238830 XRD BM(NH)	J.Dickinson M.Rothwell	Pers.Coll. 1985
CHALCOSIDERITE	Gunheath Pit, St.Austell,Cornwall. From fallen blocks.	SX998569 XRD BM(NH)	F.Ince	Pers.Coll. BMS Ref.Coll. 1985
CINNABAR	Coldstones Ory, Greenhow, Yorks.	SE125641 XRD Oxford Univ.	J.Wooldridge	Pers.Coll. 1987
CONNELLITE	Newport Beach, Falmouth, Cornwall. Collected in-situ from vein outcrop.	SM799303 XRD BM(NH)	R.E.Starkey	Pers.Coll. 4/85
CORKITE	at Mexico Mine High Level, Caldbeck	xxxxxxx XRD BM(NH) IR RSWB	D.Middleton	Pers.Coll. 1976
CORKITE	Penberthy Croft Mine, St.Hilary, Cornwall.	SM556325 XRD BM(NH)	D.Clough	Pers.Coll. 1985
CROCOITE	Hopeful Vein, Leadhills, Scotland. From surface spoilheap.	NS881141 XRD RMS	T.K.Meikle	Pers.Coll. 1984
CROCOITE	High Pirn Mine, Manlock Bod, Scotland.	NS873140 XRD Leics.Univ.	S.Rust	Pers.Coll. 1986
CUMENGEITE	Daymer Bay, Polzeath Cornwall. In-situ, beach outcrop in inter-tidal zone.	SW927777 XRD BM(NH)	R.E.Starkey	Pers.Coll. & BMNH 4/85
CUMENGEITE	Trerubies Cove, Tregardock, Cornwall. Gayton, Wirral.	SX038838 XRD BM(NH)	R.E.Starkey	BMNH 6/85 Pers.Coll.
CYANOTRICHITE	Mulberry Openwork Lanivet, Cornwall. In-situ from quartz -chalcopyrite vein.	SM019659 XRD BM(NH)	R.E.Starkey	Pers.Coll. 1983 [See J.Russell Soc. (1986) 1, 119-120]
CYANOTRICHITE	Penberthy Croft Mine, St.Hilary, Cornwall.	SM556325 XRD BM(NH)	D.Clough	Pers.Coll. 1986
CYRILLOVITE	Gunheath Pit, St.Austell,Cornwall. From fallen blocks.	SX998569 XRD BM(NH)	F.Ince	Pers.Coll. BMS Ref.Coll. 1985
DELAFOSSITE	Tolvaddan Mine, Marazion,Cornwall.	xxxxxxx XRD BM(NH)	P.Wallace	1986
DEVILLINE	Trial Level, Bontddu, Dolgellau, Gwynedd.	SH657194 XRD BM(NH)	S.Rust	Pers.Coll. 1987

DIABOLEITE	Bayner Bay, Polzeath Cornwall. In-situ, beach outcrop in inter-tidal zone.	SN927777 XRD BM(NH) Film No.6197F	R.E.Starkey	Pers.Coll. & BMNH 4/85
DIOPSIDE	Glacial erratics, Thurstaston Beach, Gayton, Mirral.	8J238830 XRD BM(NH)	J.Dickinson M.Rothwell	Pers.Coll. 1985
DUNNASITE	Eaglebrook Mine, Nant-y-moch, Dyfed. From surface spoilheap.	SN735893 XRD BM(NH)	P.Wallace	1986
HARMOTOME	Loanhead Dry, Beith, Glasgow, Scotland.	NS365555 XRD RMS	M.Wirth	Pers.Coll.
HARMOTOME	Pen-y-Clun Mine, Llanidloes, Wales. From surface spoilheap.	SN933874 Visual (RES)	A.D.Morgan	R.Starkey Pers.Coll.; NMW; 1987
HEDYPHANE	Brandy Gill,Caldbeck, Cumbria.	NY323335 XRD BM(NH)	R.E.Starkey	Pers.Coll. 6/85
HYDROCERUSSITE	Esgairhir Mine, Ceulanymaesawr, Dyfed.	SN734913 XRD BM(NH)	S.Rust	Pers.Coll. 1986
HYDROCERUSSITE	Dyngwn Mine, Powys, Wales.	SN853934 XRD BM(NH)	S.Rust	Pers.Coll. 1987
JOHANNITE	Peeth Lode, Level 17, Geovor Mine, Pendeen, Cornwall.	SN375346 XRD BM(NH)	D.Clough	Pers.Coll. 1987
LAMARKITE	Red Gill Mine, Caldbeck, Cumbria.	NY296352 XRD	D.Green	M.P.Cooper D.Middleton Coll. 1987
LANGITE	Red Gill Mine, Caldbeck,Cumbria.	NY296352 XRD	Leeds Univ.	D.Green Pers.Coll. 1987
LAMMONTITE (Leonhardtite)	Road Cutting, Bernisdale Isle of Skye.	xxxxxxx XRD/DTA	Salford Univ.	O.Wilson / A.Dyer Pers.Coll. 1987
MACPHERSONITE	Red Gill Mine, Caldbeck,Cumbria.	NY296352 XRD	Leeds Univ.	D.Green Pers.Coll. 1987
MAGNETITE	Glacial erratics, Thurstaston Beach, Gayton, Mirral.	8J238830 XRD BM(NH)	J.Dickinson M.Rothwell	Pers.Coll. 1985
MONAZITE	Hingston Down Dry. Callington,Cornwall.	xxxxxxx XRD BM(NH)	M.Hubbard	Pers.Coll.
NONHYDROCALCITE	Trial Level, Bontddu, Dolgellau, Gwynedd.	SN657194 XRD BM(NH)	S.Rust	Pers.Coll. 1987
NOTTRAMITE	Penberthy Croft Mine, St.Hilary, Cornwall.	SN556325 XRD BM(NH)	D.Clough	Pers.Coll. NMW 1987

MOTTRAMITE	Peldor Tor Gry, Whitwick, Leics. Collected in-situ from quartz-chlorite vein.	SK449157 XRD Leic.Univ.	F.Ince	Pers.Coll BNS Ref. 1984
MOTTRAMITE	Arm O'Grain, Mosedale, NY317334 Cumbria. Assoc. with pyromorphite in a quartz vein.	XRD BM(NH)	D.Middleton	Pers.Coll
MOTTRAMITE	South Lode, Iron Crag, NY305342 Roughtongill, Cumbria.	XRD BM(NH) 5937F	M.P.Cooper	D.Middleton Coll. 1983
MAMMITE	Waterbank Mine, Ecton, SK102574 Staffs.	XRD BM(NH)	S.Rust	Pers.Coll. 1987
MATROLITE	Glacial erratics, Thurstaston Beach, Gayton, Wirral.	SJ238830 XRD BM(NH)	J.Dickinson M.Rothwell	Pers.Coll. 1985
PARATACANITE	Rhub a'Nhill Islay, Scotland.	NR424731 XRD B.Green	B.Green	Pers.Coll
PARATACANITE	Daymer Bay, Polzeath Cornwall. In-situ, beach outcrop in inter-tidal zone.	SW927777 XRD BM(NH) File No.6606F	R.E.Starkey	Pers.Coll & BMNH 4/85
PARMAUTE	Pemberthy Croft Mine, St.Hilary, Cornwall.	SW556325 XRD BM(NH)	D.Clough	Pers.Coll 1985
PHOSGENITE	Trerubies Cove, Tregardock, Cornwall.	SI038838 XRD BM(NH)	R.E.Starkey	BMNH 6/85 Pers.Coll.
PHOSGENITE	Clevedon Beach nr Bristol Avon. In blocks of baryte from vein by pier.	ST401718 XRD BM(NH)	R.E.Starkey	BMNH MM 12/82
		[See Proc.Bristol Naturalists Soc. (1984) 44, 13-		
POBNJAKITE	Waterbank Mine, Ecton, SK102574 Staffs. From surface spoilheap.	XRD BM(NH)	S.Rust	Pers.Coll. 1984
PREHNITE	Glacial erratics, Thurstaston Beach, Gayton, Wirral.	SJ238830 XRD BM(NH)	J.Dickinson M.Rothwell	Pers.Coll. 1985
SERPIERITE	Waterbank Mine, Ecton, SK102574 Staffs. From surface spoilheap.	XRD BM(NH)	S.Rust	Pers.Coll. 1985
SIDERONATRITE	Trerubies Cove Tregardock, Cornwall.	SI038838 XRD BM(NH)	R.E.Starkey	BMNH 6/85 BNS Ref.Co
SPHENE	Glacial erratics, Thurstaston Beach, Gayton, Wirral.	SJ238830 XRD BM(NH)	J.Dickinson M.Rothwell	Pers.Coll. 1985

STILBITE	Lon Druiseach, Portree Isle of Skye.	xxxxxxx XRD/DTA Salford Univ.	O.Wilson / A.Dyer	Pers.Coll. 1987
STILBITE	High Force Gry, Middleton-in- Teesdale, Durham. Collected in-situ.	NY879290 XRD BM(NH) Film No.6408F	R.E.Starkey	Pers.Coll. & BMNH 8/87
STROMTIANITE	Gateside Gry, Beith, Glasgow, Scotland. Associated with quartz & aragonite in fossil shells.	NS373534 XRD RMS	M.Wirth	Pers.Coll.
SUSANITE	Red Gill Mine, Caldbeck, Cumbria.	NY296352 XRD BM(NH)	M.Wirth	Pers.Coll. 1987
SWEETITE	Milltown Gry, Ashover, Derbyshire.	SK360620 XRD BM(NH)	S.Rust	Pers.Coll.
TETRAHEDRITE	Metherrow Brow, Caldbeck, Cumbria.	xxxxxxx XRD BM(NH) 6725F	M.P.Cooper	Pers.Coll.; BMNH 1987
TETRAHEDRITE	Bwlchrennaid Mine Goginae, Dyfed.	SN706823 XRD BM(NH)	S.Rust	Pers.Coll. 1987
ULLMANITE	Greenhurth Mine, Teesdale, Durham.	xxxxxxx SEM X-ray	T.F.Bridges	Pers.Coll. 1985
VANADINITE	Tuttle Hill (Judkins) Gry., Muneaton, Marks.	xxxxxxx XRD Leics. Univ.	N.Hubbard	Pers.Coll.; BMNH 1986
WAYLANDITE	Stowes Shaft, West Wh. Phoenix, Linkinhorne, Cornwall.	SK260722 XRD BM(NH)	N.Hubbard	Pers.Coll. 1986
WEDDELLITE	Milltown Gry, Ashover, Derbyshire.	SK360620 XRD BM(NH)	S.Rust	Pers.Coll.
WICKMANITE	Wheal Cock Zann, Botallack, Cornwall.	xxxxxxx XRD BM(NH)	N.Hubbard	Pers.Coll.
WROENOLFTEITE	Red Gill Mine, Caldbeck, Cumbria.	NY296352 XRD Leeds Univ.	D.Green	Pers.Coll. 1987
WULFENITE	Ball Eye Opencast, Cronford, Derbys.	xxxxxxx SEM X-ray	T.F.Bridges	Pers.Coll. 1981
WULFENITE	Ladywash Mine, Eyan, Derbyshire.	xxxxxxx XRD BM(NH)	R.Belson	Pers.Coll. 1984
WULFENITE	Outcrop of South Lode Roughtongill, Cumbria.	NY308345 Visual	D.Middleton	Pers.Coll. 1986
WULFENITE	Mexico Mine, Low Level Todd Gill, Cumbria.	NY305345 Visual	N.Cooper	Pers.Coll. MMW 1987
WULFINGITE	Milltown Gry, Ashover, Derbyshire.	SK360620 XRD BM(NH)	S.Rust	Pers.Coll. 1987
XENOTIME	Hendre Gry, Glynceiriog, Clwyd. In loose blocks, assoc. with albite.	SJ191347 XRD BM(NH) Film No.6199F	N.Hubbard & R.E.Starkey	MMW 3/85 (Hubbard spec.)

LATEST EDITIONS TO THE BMS REFERENCE COLLECTION

551	COPPER	Boylestone Quarry	Barrhead, Scotl.	Meikle, K.
552	CHALCOTRICHITE	Boylestone Quarry	Barrhead, Scotl.	Meikle, K.
553	ANATASE	Wh. Concord	Blackwater, Cornw.	Clough, D.
554	ANATASE	Little Duke Mine	Tavistock, Devon	Clough, D.
555	ANATASE	Little Duke Mine	Tavistock, Devon	Clough, D.
556	GYPSUM	Wh. Trelawny	Menheniot, Cornw.	Merritt, D.
557	GOETHITE	Wh. Kernick	St. Austell, Cornw.	Merritt, D.
558	GOETHITE	Taffs Well Quarry	Pentyrch, Cardiff	Merritt, D.
559	WULFENITE	Loch na Meine	Struy, Invernessh.	Merritt, D.
560	BISMUTH	Needle's Eye	Solway, Scotland	Wirth, M.
561	ZEUNERITE-meta	Needle's Eye	Solway, Scotland	Wirth, M.
562	VARSICITE	Highdowns Quarry	Barnstaple, Devon	Wirth, M.
563	SEMSEYITE	Louisa Mine	Glendinning, Scot.	Hubbard, N.
564	CLINOCLASE	Carharrack Mine	Gwennap, Cornwall	Hubbard, N.
565	MOTTRAMITE	Felder Tor Quarry	Whitwick, Leics.	Hubbard, N.
566	CYRILLOVITE	Gunheath Claypit	St. Austell, Cornw.	Hubbard, N.
567	PYRITE	Cambokeels Mine	Weardale, Durham	Hubbard, N.
568	DUNDASITE	Tynagh Mine	Co. Galway, Eire	Hubbard, N.
569	LEUCOPHOSPHITE	Gunheath Claypit	St. Austell, Cornw.	Hubbard, N.
570	LANGITE	Bontddu, Llanaber	Gwynedd, Wales	Rust, S.
571	TYROLITE ?	Bontddu, Llanaber	Gwynedd, Wales	Rust, S.
572	ERYTHRITE	Bontddu, Llanaber	Gwynedd, Wales	Rust, S.
573	SMITHSONITE	Wetgroves Mine	Asygarth, Yorks.	Rust, S.
574	HEMIMORPHITE	Wetgroves Mine	Asygarth, Yorks.	Rust, S.
575	WULFENITE	Aberdaunant Mine	Powys, Wales	Rust, S.
576	DEVILLINE	Bontddu, Llanaber	Gwynedd, Wales	Rust, S.
577	ASHOVERITE	Milltown Quarry	Ashover, Derbysh.	Rust, S.
578	WULFENITE	Burtness Wood	Buttermere, Cumbri	Yates, B.
579	GREENOCKITE	Willyhole Mine	Middleton, Durham	Yates, B.
580	MATTHEDDLEITE	Red Gill, 2nd lev.	Caldbeck, Cumbria	Wirth, M.
581	SUSANNITE	Red Gill, 2nd lev.	Caldbeck, Cumbria	Wirth, M.
582	HARMOTOME	Dollar Glen	Central, Scotland	Wirth, M.
583	WULFENITE	Ewlchrhennaid	Goginan, Dyfed.	Rust, S.
584	CERUSSITE	Ewlchrhennaid	Goginan, Dyfed	Rust, S.
585	HEMIMORPHITE	Ewlchrhennaid	Goginan, Dyfed.	Rust, S.
586	HEMIMORPHITE	Ewlchrhennaid	Goginan, Dyfed.	Rust, S.
587	LAUTENTHALITE	Dyfnwgwm Mine	Powys, Wales	Rust, S.
588	NAMUWITE	Waterbank Mine	Ecton, Staffs.	Rust, S.
589	SCHULENBERGITE	Waterbank Mine	Ecton, Staffs.	Rust, S.
590	SCHULENBERGITE	Dyfnwgwm Mine	Powys, Wales	Rust, S.
591	DIOPSIDE	Burscough	Lancashire	Geldart, I.
592	ORTHOCLASE	Burscough	Lancashire	Geldart, I.
593	SPHENE	Burscough	Lancashire	Geldart, I.
594	MINETITE	Dry Gill	Caldbeck, Cumbria	Geldart, I.
595	ARAGONITE	Kirklands	Cumbria	Geldart, I.
596	SIDERITE	Force Crag	Keswick, Cumbria	Geldart, I.
597	TORBERNITE	South Terras M.	Cornwall	Geldart, I.
598	HARMOTOME	Settlingstones M.	Hexham	Geldart, I.
599	GYPSUM	Ladywash Mine	Derbyshire	Geldart, I.
600	SIEGENITE ?	Wyndham Mine	South Wales	Geldart, I.

BMS REFERENCE COLLECTION ALPHABETICAL LIST 1987.

ACMITE	CLINOCLASE	LEADHILLITE	SCHHEELITE
ACTINOLITE	COLUMBITE	LEPIDOLITE 589	<u>SCHUIENBERGITE 590</u>
ADULARIA	COLUMBITE (?) 569	<u>LEUCOPHOSPHITE</u>	SCOLECITE
AIKINITE	CONNELLITE	LEVYNITE	SCORODITE
ALBITE	COPPER	LIBETHENITE 563	<u>SEMSEYITE</u>
ALSTONITE	CORKITE	LIMONITE	SENARMONTITE
ANALCITE	COVELLITE	LINARITE	SERPIERITE
ANATASE	COWLESITE	LIROCONITE	SIDERITE
ANGLESITE	CROCOITE	LISKEARDITE	SIDERONATRITE
APATITE	CRONSTEDTITE	LITHARGE 600	<u>SIEGENITE ?</u>
APATITE (F)	CUMENGITE	LOELLINGITE	SILLIMANITE
APOPHYLLITE	CUPRITE	MAGNETITE	SILVER
ARAGONITE	CYANOTRICHITE	MALACHITE	SMITHSONITE
ARSENOPYRITE	CYRILOVITE	MANGANITE	SPHALERITE
ARTHURITE	DESCLOIZITE	MARCASITE	SPHENE
577 <u>ASHOVERITE</u>	576 <u>DEVILLINE</u>	MARCASSITE	SPINEL
ATACAMITE	DIOPSIDE	580 <u>MATTHEWDLITE</u>	SPURRITE
AUGITE	DOLomite	MESOLITE	STELLERITE
AURICHALCITE	DUNDASITE	MICROLITE	STIBNITE
AXINITE	ELYITE	MILLERITE	STILBITE
AZURITE	EPIDOTE	MIMETITE	STOLZITE
BARITE	ERIONITE	MINIUM	STRONTIANITE
BARYTOCALCITE	ERYTHRITE	MIXITE	SULPHUR
BASSETITE	ETTRINGITE	MOLYBDENITE	SUSANNITE
BAYLDONITE	FLUORITE	MORDENITE	SWEETITE
BERAUNITE	FRANCOLITE	MOTTRAMITE	THOMSONITE
BERTRANDITE	GALENA	MUSCOVITE	THUCHOLITE
BEUDANTITE	GARNET	588 <u>NAMIWITE</u>	TOFAZ
BIOTITE	GARRONITE	NATROLITE	TORBERNITE
BISMUTH	GEDRITE	OFFRETITE	TORBERNITE-META
BISMUTHINITE	GERSDORFITE	OLIVENITE	TOURMALINE
BOTALLACKITE	GILBERTITE	592 <u>ORTHOCLASE</u>	TRIDYMITE
BREWSTERITE	GISMONDITE	PARALAURITONITE	TURQUOISE
BROCHANTITE	GMLINITE	PARATACAMITE 571	<u>TYROLITE ?</u>
BROOKITE	GOBBINSITE	PECTOLITE	Te-BISMUTHITE
CALCITE	GOETHITE	PHARMACOSIDERITE	VALENTINITE
CALEDONITE-	GOLD	PHILLIPSITE	VANADINITE
CARMINITE	GONNARDITE	PHLOGOPITE 562	<u>VANISCITE</u>
CASSITERITE	GREENOCKITE	PHOSGENITE	VESUVIANITE
CELESTITE	GYPSUM	FLOMBIERITE	WAVELLITE
CELSIAN	GYROLITE	POSNJAKITE	WAYLANDITE
CERULEITE	HARMOTOME	FREHNITE	WEDDELLITE
CERUSSITE	HEMATITE	PSEUDOMALACHITE	WITHAMITE
CHABAZITE	HEMIMORPHITE	FUMPELLYITE	WITHERITE
CHALCEDONY	HEULANDITE	PYRITE	WROEWOLFFITE
CHALCOALUMITE	HORNBLende	PYROAURITE	WULFENITE
CHALCOHITE	HYDROCARBON	PYROLUSITE	ZEUNERITE-META
CHALCOPHYLLITE	HYDROZINCITE	PYROMORPHITE	ZEUNERITE-meta
CHALCOPRYRITE 601	KAMMERERITE	PYRRHOTITE	ZIRCON
CHALCOSIDERITE	<u>KERMESITE</u>	QUARTZ	ZOISITE
CHALCOTRICHITE	KYANITE	RASHLEIGHITE	
CHILDRENITE	LANARKITE	ROSASITE	
CHLORITE	LANGITE	ROSELITE	
CHROMITE	LARNITE	RUTILE	
CINNABAR	LAUMONTITE	SAFFLORITE	
	587 <u>LAUTENTHALITE</u>	SAPPHIRE	

Added to Collection in 1987

BRITISH MICROMOUNT SOCIETY

NEWSLETTER EDITOR

Michael P. Cooper
41 Albany Road
Sherwood Rise
Nottingham NG7 7LX