

SOUTH WALES CAVING CLUB NEWSLETTER

NUMBER 54

CONTENTS

SEPTEMBER, 1966

1. ANNUAL GENERAL MEETING 1966
2. FFYNNON DDU II JOHN OSBORNE
3. A NEW CAVE AND POTHOLE IN PEMBROKESHIRE
AND STACKPOLE HEAD POTHOLE MEL DAVIES
4. AN EXTENSION IN DOLPHIN'S CAVE, CARMARTHENSHIRE MEL DAVIES
5. LIST OF CLUB MEMBERS
6. CLUB NEWS

Hon. Secretary	C. R. Graham, Blue Barn, St. Braivels, Lydney, Glos.
Hon. Treasurer	J. Bevan, 62 The Greenway, Sutton Coldfield, Warks.
Hon. C.R.O.	G. Clissold, "Silhouette", Staunton, Nr. Coleford, Glos.
Hon. Records Officer	D. Webley, 39 Heol Isaf, Radyr, Glam.
Hon. Editor	G. Thomas, 4 James Park, Kilgetty, Pems.

ANNUAL GENERAL MEETING 1966ELECTION OF OFFICERS AND COMMITTEE FOR 1966

President:	Brig. E.A. Glennie, C.I.E., D.S.O.
Vice Presidents:	Mr. A.H. Hill Mr. D.W. Jenkins Dr. D.A. Bassett, B.Sc., Ph.D., F.G.S. Mr. C.L. Railton Mr. L. Hawes Miss M. Hazelton
Chairman:	Dr. E.A. Aslett
Hon. Members:	T. Ashwell Morgan, Mr. and Mrs. J. Barrows, A.J.R. Hudson, G. Platten, C. Powell, Mrs. G. Price, Dr. North, C. Freeman, Mr. and Mrs. P. Harvey, Dr. A.C. Price, Z. Pepionic
Hon. Secretary:	John Osborne
Hon. Treasurer:	John Bevan
Hon. Editor:	Gwyn Thomas
Hon. Records Officer:	Derick Webley
Hon. C.R.O.	Gordon Clissold
Hon. Tackle Manager:	Frank Baguley
Hon. Warden:	Colin Graham
Committee:	W. Little, J. Hartwell, B. Woods, L. Hawes (Co-opted), R. Smith (Co-opted Asst. Secretary)

Honorary Secretary's Report.

There must be those of us who are in a hurry and for those I start with a 'whether' summary, for the last year.

Settled conditions extended into mid-summer, with a few stormy periods giving over to fine weather later. Activity increased on all fronts towards Autumn with deep depressions developing to the east and west. The cold front was stationary but there are now signs of a thaw in both Northern and Southern Councils. The outlook is bright, with showers moving towards Yugoslavia; deep depression will set in with the opening of the Severn Bridge.

Now for the charts.

The Committee met on ten occasions during the year, holding meetings which increased in length until the new year. We have modified the mid-night rule to allow for future developments.

The OFD leaders' system became almost unworkable and it was, therefore, brought up to date. A number of Clubs active in Wales were invited to nominate their own leaders and the guest leaders' list is once more operative. By popular request the first and third weekends in any month are reserved for Members only and the net result has been a general improvement in the situation. However, it would help if leaders will reply to the card promptly.

A Caving Congress was organised by the Club in July, to discuss items of common interest, particularly, the issue of nationalisation. The most significant point was that the Congress elected to stay out of both councils but to use the Congress as a discussion forum. A report appeared in the newsletter. The pressure seems to be decreasing and the latest development is a request for a looser 'tie up' between the regions. This will be considered at the next Congress to be held in North Wales.

Following the Congress, a Cave Registry was set up for Wales and the Marches which will eventually benefit all the Welsh Clubs. The Club is actively supporting this development.

During the summer, an exhibition by the Balinka team was held at DYO. This attracted much interest on the part of visitors to the cave. Shortly before, an incident in the cave forced us to suggest a new rule for DYO. Persons wishing to use explosives in the cave must have two committee signatures and that of the manager.

In October, we held the promised AGM. After proving the 14 present did in fact form a quorum, the business was conducted rapidly and the Constitution was accepted with small modifications. Recently, we have continued the general revision by presenting the Club Rules to Members.

We have continued to assist responsible bodies with their activities over the year, having entertained the usual large number of visitors, clubs and parties. The Committee have continually reviewed the position regarding the 'National' bodies and we have not needed to change our 'Laissez Faire' policy.

The Agen Allwedd CMC announce with pleasure that the indemnity chit requirements are to be dropped as from April 1st, a step long overdue and most welcome.

However, what about the workers? Our Club is very much a caving club and the active side is our most colourful one.

You may have seen that the Club are now Honorary Members of the Order of the Knights of the Road. This impressive award was won by three Members who spent several hours in the floods helping stranded motorists. It was noticed that those who did not insist on a donation had much more trouble. Whilst less lucrative than the last award, it is just as colourful.

Digging in the Club started off well with digs in Waterfall series, Whisky Gulf, Byfre, DYO, Pant y Lygoden, and of course Waen Fignen Felin. Edward's dig was sabotaged by a suggestion that the depth was rigged. This was countered by a claim that the waistlength used was a tatty old clothes line stretched with misuse. Meanwhile the dig deepens.

Bill Little made a profound discovery when he learnt that vertical digs in boulders are likely to make you depressed - instantly.

Undoubtedly, the most significant discovery was made by Alan Coase in July when he pushed a low passage off Crystal Pool chamber and found the series now known as Tiger Aven. This has been reported in the newsletter but it is encouraging to see that OFD will still go if pushed. Alan has continued his work in DYO with surveying and diving to increase the usefulness of his studies.

It is evident that more Members are visiting mines over the country and I would like to suggest that mines need to be recorded even more than caves as they are often lost to cavers. The recent articles should caution those tempted but not stifle their initiative.

Pepi visited the country last year and stayed as guest of the Club members. Activity has been building up for this year's expedition and plans are well advanced. This time almost all the work has been done away from the Club to see if the claim that it interrupted Club activities was sound. It has been evident that this is not the case since almost no change has been seen except for the obvious one in that active cavers are naturally those busy on the arrangements. The Expedition can only enhance the reputation held by the Club both here and abroad and the skills learnt have already been used in tackle we now own.

Waun Fignen Felin has been attacked continually over the year and has now been pushed to bed rock. There is evidence that the stream has turned sideways; a level is now started to follow the draught. This dig has benefited from several novel ideas, such as the winch using a lorry rear axle, and the conveyor lined shaft to ease the passage of the bucket.

The dig has successfully withstood several floods and there are high hopes for the long awaited break-through. This dig may be termed the Hardy Annual, perhaps?

Lastly, the Club Chairman, concerned by the slothful ways of the Members, challenged us to a race from Brecon to the Club via Heol Senni. The idea of free tea and buns attracted 20 'runners' who set off in fine form. After four hours or so, the leader approached Penwylt. Edward himself won comfortably and our suggestions that we let him, were not supported by the condition of feet, generally. It is interesting to know that all the field finished although some were in great pain - an outstanding demonstration of the determination of Members. Both the ladies who entered did very well, with Clair coming in second equal. It should be mentioned that Terry Lloyd may well have won except that he was so far ahead at Heol Senni that when he took the wrong turn, no-one noticed!

Well, what can the coming year offer? There is every chance of great things. The Balinka Expedition leaves for Yugoslavia in August, Waen Fignen Felin goes about the same time, perhaps. It can be hoped that Members will take steps to see that the twenty-first year of the Club is marked by advances on all fronts.

Hon. Secretary.

CAVE RESCUE ORGANISER'S REPORT 1965/66

Rescue Personnel

The past year has seen an increase of rescue personnel, the number now amounting to 187.

This comprises:-	Swansea	16
	Aberdare/Barry	4 & 14
	Cardiff	35
	Brecon/Pontypool/Hereford	30
	Glos/Forest of Dean	35
	Birmingham	11
	London	19
	Misc. Areas	23

Periodically, amendments have been circulated to the Wardens but not all members are keeping their particulars up to date. This can be done by amending the list on the rescue notice board, or informing W. Harris, 17 Ford Road, Velindre, Port Talbot, who is undertaking this task.

Rescues and Incidents

The number of rescues remains the same as the previous year at three. None of these has resulted in a death or serious injuries.

Ogof Ffynnon Ddu Sunday 25th July, 1965

A party of experienced cavers was some three hours overdue from a trip into the Waterfall series. As there had been several heavy downpours of rain during their trip, a party was mustered from the Head Quarters and a search commenced at 8.00 p.m. The missing party was found on the West

Boulder slope, Rawl series and no assistance was required. The operation was completed by 11.30 p.m.

It appears that the party on their return from the Waterfall series found the level of the water in Upper flood passage increased. They took refuge on a ledge below the waterfall and by the time the water level had dropped sufficiently to make their way out they were beginning to suffer from cramp and cold. This in its turn made the progress out very slow. Eight members took part in the search.

Pant Mawr Sunday 10th September, 1965

A party of four soldiers were negotiating the entrance pitch when the lifeline on the 3rd man up came undone and he promptly fell to the bottom receiving minor injuries, as was thought, and shock.

A rescue party was soon gathered at the Head Quarters and the man raised to the surface. He was carried by overland stretcher to the Byfire and then by Landrover to the Head Quarters where he was medically examined and taken to hospital. Approx. 15 members took part in the operation.

Tunnel Cave 31st October, 1965.

Three parties of University College of Swansea C.C. entered the cave, two by the bottom route and one by the top - eleven men in all. Two of the parties on returning to the entrance found it flooded; two men then attempted to catch up the party vacating by the top entrance before the pitch was de-laddered, but failed. In the meantime, an outside party had managed to drop the level and six men were released. Three men then entered the cave to contact the two at Cascade Aven after a top party had failed to find the upper entrance in bad visibility.

The entrance passage again flooded, three feet in ten minutes, trapping the party of five. The parties were now becoming exhausted and a C.R.O. call-out was put out at 2.24 a.m. The party of five rescuers located the upper entrance in atrocious weather and proceeded to rig the pitch and extricate the five trapped men waiting in Cascade Aven. In the meantime a second party of five rescuers reached the top entrance and the operation was completed before 7.00 a.m.

Apart from actual callouts there has been an alarming increase of parties overdue. This is caused invariably by very late starting, or failing to estimate within reason, the time a trip would take. This does not cause any undue hardships on those partaking of the trip, but certainly causes worry and inconvenience to those who are concerned with the safety of fellow cavers. I am sure it is not asking too much to complete one's caving trips in reasonable time, especially on Sundays when the majority of members are trying to get away by 5.00 or 6.00 p.m. I suggest that members do not cry wolf too many times; the consequences can be far too serious.

Rescue Practices

were held by the Gloucester C.R. group on the 18th September in British Mine, 12th December Nr. King Arthur's Cave and on the 23rd January in New Dunn Mine under the direction of D. Appleing, Cave Rescue Warden of the area.

A practice under the direction of W. Clarke was held in Cascade Avenue series on the 30th Jan. 1966.

Reports on all practices have been forwarded.

Equipment Section

A trailer which will be adapted to hold all first priority rescue equipment has been purchased. This will be housed in No. 2 Cottage which is being converted into a rescue room under the direction of W. Little, C.R.O. Equipment Officer. It is hoped in the future, if financially possible, to obtain a Landrover and make the rescue equipment a compact, portable unit, as, so often, valuable time is lost in loading and distributing equipment in various cars.

No further medical supplies have been obtained.

Donations

The University College of Swansea C.C. have donated £5 to the C.R.O.

Meetings

The 4th Biannual C.R.O. conference was held in Buxton on 24/25th October. The Meeting was attended by the C.R.O. Medical Officer, Equipment Officer and the Gloucester C.R. Warden.

Talks were given on the following subjects:-

History of Derbyshire C.R.O.	by	J. Needham
First Aid in Caves	by	Dr. H. Kidd
Patients' comforts	by	D. Robinson
Communications	by	Dr. H. Lord
Maeshafn affair	by	M. Hollingsworth

I will endeavour to give a brief outline of points which impressed me at the conference.

First Aid Underground

The use of morphia on a patient who is suffering from injuries and exposure; for example, the poor assimilation of morphia when injected subcutaneously and the effective method of intramuscular. I would suggest that an article on this subject appear in a future Newsletter by one of our C.R.O. doctors as this would be of benefit to members.

Comforts underground

A very useful piece of equipment was a neoprene patients' exposure bag; to me this would be an article which would be most acceptable to our equipment.

Communications

Various types of communication equipment were shown and discussed, namely Inducterphone, Magnetophone, and a normal phone system with transistorised amplifiers.

Maeshafen Affair

This was reported at length and brought forth the suggestion of a future meeting of heads of C.R.O.'s to discuss proposals on advice to be forwarded to the Home Office on Cave rescue throughout the country.

On Sunday 25th October various demonstrations were given.

A counter balance system of raising an injured man up a shaft seemed to give the patient a smooth and easy ride and the fault of the ropes twisting together could easily be overcome. The T.V. and Press representatives rather spoilt the demonstrations by turning it into a news item.

The next demonstration was Dr. H. Lord's electric winch, which failed to function correctly due to lack of maintenance and damp in the control switchgear.

This unit was a Ward Leonard system. As this unit seemed to dislike damp conditions I would far prefer the hydraulics as used in S. Wales.

The Magnetophone was demonstrated through approx. 40 ft. of rock and the diction could not be said to be very clear. On the other hand when the inductorphone system was used during pumping operations it was very clear both along the electric cable and the canvass hose pipe when water was pumped through it.

The pump was a submersable type with a capacity of 340 galls. per min. driven by a three phase alternator mounted on a Landrover. If this pumping equipment is required for a rescue in S. Wales, Derbyshire C.R.O. has offered to supply same.

The meeting was concluded over tea and sandwiches.

Regular rescue meetings have been held in the Forest of Dean area once a month which enables a close liaison to be maintained and the discussion of problems of that area.

A meeting was held by the Wardens of the Brecon/Pontypool/Hfd to discuss problems and call-out system in their area. Cardiff has also produced a call-out system for their area.

Requests

for information were received from one more American and an Australian Club on how to set up a rescue organisation, all relevant data has been sent to them.

A request for the interchange of rescue data has been received from the Belgium Cave Rescue Organisation which is the outcome of a paper on cave rescue read at the 4th International Congress of Speleology Yugoslavia. This matter has yet to be put in hand.

In Conclusion

I would again like to convey my thanks to all those members who have assisted in making my task easier and the organisation a more proficient one.

CAVE RESCUE ORGANISATION

On entry into the above Organisation you stated you would be willing to help in the rescue of any person injured or in difficulties in a cave. To carry out this duty with expediency, it is essential that as much information as possible be collected on the following subjects.

1. Inside cave or mine
 - (a) Name of cave or mine, grid ref.
 - (b) Complicated stretches which would cause the most difficulties to the movement of a stretcher.
 - (c) Type of stretcher required to negotiate the above, i.e. rigid, drag sheet etc.
 - (d) Water conditions in various types of weather.
 - (e) Stretches requiring enlarging by explosives.
 - (f) Length of ladder required for pitches.
2. Outside
 - (a) Easiest and shortest approach route.
 - (b) Closest possible position to incident by specialised vehicle, i.e. Landrover in dry conditions and wet conditions.
 - (c) Nearest position for assembly of rescue teams vehicles.
 - (d) Nearest position for setting up of base camp.
 - (e) Nearest position for obtaining water and victuals in case of a prolonged rescue.
3. Locations.
 - (a) Location of nearest phone, phone lines, or other means of outside communications.
 - (b) Location of possible power supply if necessary.
 - (c) Nearest constabulary.
 - (d) Location of any other public bodies who could be of assistance, i.e. members of the armed forces, W.V.S. etc.
 - (e) Location of any private business with equipment, i.e. portable pumps, compressors, generators, scaffolding etc. to be borrowed in emergency
4. Any other details which you think may be of use in an emergency.

G.L. CLISSOLD
Hon. C.R.O.

EQUIPMENT OFFICER'S REPORT 1965/6

One dozen spades, 300 ft. $\frac{3}{4}$ wt. nylon, 1 dozen charging clips, 20 Nife cells for use of visiting parties only. These are loaned out at a charge of one shilling, and the leaders are responsible for seeing that this is paid and that the lamps are charged or arrangements made for this to be done. Also a set of machine drills for use in the workshops. Other items such as second-hand tools and materials have also been bought.

Donations

Numerous tools for workshops and caving, and materials and stock, have been given by P. Lewis (Joan Webley's father), D. Judson, R. Williams, R. Stewart, D. Webley, C. Gordon, B. Woods, G. Sanders, W. Little, R. Smith, N. Christopher, L. Galpin, the late B.M. Evans, myself and others.

Loans in

N. Jones has loaned a flypress for developing as a swage for ladder-making later.

Loans out

Equipment has been loaned out to three overseas expeditions undertaken by members. Such equipment has to be insured and returned immediately and in good condition, or replaced in kind or cash.

Everyday loans are reaching large proportions, but unfortunately are being abused. Some equipment is not returned through forgetfulness, some through neglect, some through carelessness, and others, I regret to say, through loss. But what is more disconcerting is the amount of equipment that disappears, from the Head Quarters without the book being used. We have lost two sledges, two spades, one pick, one machette, five lump hammers, and all except one of our tethers - a twenty footer. Apart from this, individuals have lost personal caving and other equipment, and three nife cells have been lost from the charging rack. I cannot stop or cure this; the remedy is in everyone's hands.

It is not intended that equipment be loaned or taken out without permission for private projects. This has happened too frequently, especially as such equipment was needed for use about the Head Quarters.

The BOOK MUST BE USED FOR ALL LOANS, and where long term loans are to be made, permission must first be obtained, and the duration and place entered accordingly. Some requests have had to be turned down as they were considered unreasonable.

To overcome these losses etc., it may be necessary to institute a loan charge, a deposit, or lock all the equipment up, and have requests made in writing giving due notice. Some members are kind enough to do this now, and it is very much appreciated. Some clubs do this also.

In case someone should raise the point, sufficient equipment has been allocated to the C.R.O.

On several occasions this year, equipment has been left in caves, without an appropriate record made in the book or my being notified. This

has entailed much trouble, and has put others to the bother of having to bring it out. In one serious case, yet to be decided upon by the committee, four ladders have deteriorated as a result of being left in a cave for several weeks. Personally, I am not going to do anything to these ladders. I am not a nursemaid, and, secondly, I would not like to use them myself; they are being retained for the committee to inspect them and decide upon what action to take. In cases like this, the issue of equipment should be stopped or limited. Only those who have spent hours making ladders would really appreciate what has to be put into them; it is an endless job. And for the benefit of all members, this ladder which the Club had designed, and made, is LIGHTWEIGHT and not intended for extended or rough use. I may add here, that some members have made several hundred feet of their own ladder; this has helped to relieve the demand upon our own ladder, and I would like to express my thanks to J. Osborne and W. Little in this respect.

Damages etc. Two ropes have been condemned and destroyed. Repairs have been undertaken to ladders, spades, hammers on a large scale, and I am considering that in future persons involved should do the repairs themselves or get them done at their own expense, where this has been due to negligence or carelessness.

Both No. 1 workshop and No. 3 stores have been broken into this year but I have failed to ascertain who did it or why it was done. No damage or loss was found. Any information on this would be welcome.

COMPLAINTS

Apart from the ones I make myself, a few have been made about the equipment and use of workshops. Some have been dealt with satisfactorily, others not so and some can be ignored for their nuisance value, I am bound to get those.

Improvements and Developments

Much development is taking place on the expedition equipment, with the committee's sanction, and in addition to it. Much time and effort is being spent on this aspect of caving, with the emphasis on safety measures. The swages and jigs for ladder making have been improved and continue to be developed. The Nife cells have been fitted with a simple mechanical lock, using the existing magnetic lock, at very small cost - a farthing. We have acquired a simple charging stand, which works very well, provided the instructions are adhered to. I would like to point out here that the Club is charged at the commercial rate for electricity, i.e. 6d. per unit, so I would appeal to you to not use it wastefully for all purposes.

MISCELLANEOUS

Improvements have been made to workshops and stores, but these premises must be used properly and kept tidy. It is not my job to clean up others' messes, no more than it is the Cottage Warden's job to wash up the dishes etc. I have plenty else to do, and I like to get in at least two caving trips a year. I have assisted in the structural alterations to Nos. 1 and 2 cottages for the C.R.O. Eventually, the C.R.O. will be in No. 2 downstairs; and equipment, expedimon and main workshop in No. 1 and the upstairs of No. 2. The old C.R.O. will be used for changing rooms, together with the upstairs front room of No. 3. In addition to this I have

assisted with others in the electrical installation changes in the cottages, rendered assistance to the D.Y.O. management, with others, in the demolition and removal of unsafe buttresses. The entrance of OFD has been made more secure, by the building of a twelve foot wall and additional ladder. There is more to be done here this year. The Club rendered positive assistance in the way of personnel and equipment for a Youth Day activity at Dinas Rock in September. And in an administrative capacity I have assisted in the Laws and Rules subcommittees, and at the Cambrian conference.

The Rules on the use of equipment and workshops have still to be considered; they have been drafted, as also have the ones on access to caves, over which we have a degree of jurisdiction.

O.F.D. The fixed handwires in this cave are periodically checked, and are found to be in good condition.

The one in Tunnel gives rise to mixed reports, but I am still awaiting assistance to go in there and endeavour to see it for myself, and do what is necessary.

Future proposals.

The consideration of fitting in Tiger Aven series of OFD, and in Tunnel top, of rawbolts and the necessary accessories to permit the use of skyhooks and ladders is on the cards, but it will need some assistance.

Also the putting up of a high level escape route from Waterfall series to Lowe's chain in O.F.D. is being considered.

General. In general, the equipment is not being carefully used, or returned. Losses and damage are not being reported, giving rise to a potential caving hazard, and, again, equipment must not be left in caves. I appeal to you all to help in these matters as the job is a pretty thankless one, and involves a lot of work. Your direct and indirect assistance will be appreciated, and thanks will be given, and you might even be mentioned in these despatches. I have endeavoured to mention by name everyone who has helped me but not vice-versa, so please accept my apologies if I have inadvertently left anyone out.

HON. EQUIPMENT OFFICER,
F. BAGULEY.

SOUTH WALES CAVING CLUB.Statement of Income and Expenditure for the
Year ended 28th February, 1965.

EXPENDITURE	£. s. d.	INCOME	£. s.
<u>HQ Expenses:</u>			
Electricity	28. 6s. 0d.		
Coal	51.15s. 0d.		
Calor Gas	33. 3s. 0d.		
Cleaning &c. Materials	14. 2s. 7d.		
Floors	25. 9s. 8d.		
Rates & Water Rates	31.19s. 7d.		
Fire & Burglary Insce.	11. 7s. 8d.		
	196. 3. 6d.	HQ Fees	312. 8s. 3
		Rent: 5 Powell Street	9. 2s. 0
<u>General Expenses:</u>			
Club Tackle	29. 3s. 0d.	Annual Subscrip- tions	153. 0s. 6
Cave Rescue Equip.	15.17s. 8d.	General Donations	13.19s. 0
Records, Publications &c.	14. 5s. 6d.		
Tools	7. 5s. 0d.	Dalesman Publishing Co. Royalties - Caves of Wales &c.	6. 4s. 6
Telephone Rental & Charges	31. 6s. 11d.	Sale of Ladder Materials	12. 9s. 7
Newsletter & Circulars	52. 9s. 1d.	Telephone Calls	11.12s. 1
Printing, Stationery &c.	25. 5s. 4d.	Donations	
General Postages	17. 0s. 10d.	BBC.	10.10s. 0
Public Liability Insce.	8.12s. 6d.	BBC.	15.15s. 0
Subscriptions	2.12s. 6d.	Llethrid Farm	10. 0s. 0
		Dingle	5. 5s. 0
		Swansea Univ.	5. 0s. 0
Sundry Expenses	6.16s. 1d.	Interest on Deposit Account	8.15s. 7
	210.14. 5d.	Sundry Income	4s.10
	406.17.11d.		
Gross Surplus for Year	167. 8. 5d.		
	574. 6. 4d.		574. 6s. 4

Net Revenue and Appropriation Account.

	£.	s.	d.		£.	s.	d.
Annual HQ Repairs Fund Provision	100.	0.	0.	Gross Surplus bt. down	167.	8.	5.
	<u>100.</u>	<u>0.</u>	<u>0.</u>		<u>167.</u>	<u>8.</u>	<u>5.</u>
				Net Surplus bt. down	67.	8.	5.
				Balance at 1st March, 1964	225.	13.	6.
					<u>225.</u>	<u>13.</u>	<u>6.</u>
Balance carried forward	293.	1.	11.		293.	1.	11.
	<u>293.</u>	<u>1.</u>	<u>11.</u>		<u>293.</u>	<u>1.</u>	<u>11.</u>

BALANCE SHEET AS AT 28th FEBRUARY, 1965.

<u>Liabilities & Credit Balances</u>	£.	s.	d.	<u>Assets & Debit Balances</u>	£.	s.	d.
Capital Balances	421.	9.	11.	1-10 Powell Street (at cost)	200.	0.	0.
HQ Repairs Fund	500.	0.	0.	Roneo Duplicator w/d value	8.	3.	0.
Revenue Balances	293.	1.	11.	Club Tackle, Rescue & Survey Equip. w/d value	207.	15.	5.
				Plant, Loose Tools &c. w/d value	5.	11.	6.
				H.Q. Fees Outstanding	66.	14.	0.
				Other Debtors	3.	3.	0.
				<u>Cash at Bank:</u>			
				Current a/c Lloyds Bank	311.	6.	4.
				Deposit a/c S.Wales Trustee Savings Bank	360.	0.	0.
				Cash in hands of Hon. Treasurer	51.	18.	7.
					<u>51.</u>	<u>18.</u>	<u>7.</u>
					<u>1,214.</u>	<u>11.</u>	<u>10.</u>
					<u>1,214.</u>	<u>11.</u>	<u>10.</u>

J.L. Bevan Hon. Treasurer.
6th April 1966.

FFYNNON DDU DEVELOPMENTSPart One

Since the discovery of Ogof Ffynnon Ddu in 1946 the development of the cave has been blocked by a boulder choke some quarter mile in the cave. Within this quarter mile lie all the ramifications of the cave now well known by all our members.

This boulder choke has been attacked seriously for many years and the work has produced the three sumps, Hush, Pot and Dip, in addition to two more possible digs. The main stream is once more seen flowing out of Dip Sump.

Thus, for twenty years we have been faced by the fact that a large section of the Byfre between the sink and Boulder Chamber must flow in an unexplored cave, Ogof Ffynnon Ddu 2.

A dye test has shown the water takes eight hours to reach Dip Sump from the Byfre and since water flows slowly in submerged passages it has been concluded that most of the route must be vadose at present. The distance sink to rising is of the order of three miles.

This suspected cave has been dug for at the sink, the Hot Air Mines Weighbridge, Ladies Dig and Cwm Dwr to mention a few, but most of all from within the known cave in Boulder Chamber and in Coronation Series in Starligh. The divers have explored the sumps and in particular the dives in September, 1960 proved significant. The underwater passage from Dip Sump was followed approximately 150 ft. to an air space with some falling water, Shower Aven. In the roof of this a side passage was detected.

Before the recent events are told may I introduce the newer members to SMITH who used to live in OFD. Smith is a mythical creature who used to be fed on Horlicks. His disappearance was reported some years ago and although he has never been seen, our recent discoveries prove his existence, perhaps.

Imagine poor Smithie's position. He owned the cave for thousands of years, then with almost no warning in 1946 came the sudden push into the cave, and within a few weekends Harvey was in. Not having prepared for this Smith retreated to his strongest defences, boulder chamber, and spent the next few years moving and packing the boulders. He then had twenty years to consolidate the position.

On July 2nd, Dip Sump was found to be low and a long planned dive was put into effect by Charles and myself. We swam through with only a little difficulty, on the ledge called Niphargus Niche, where the effect of the work by Bill Birch and Eric Inson was seen to have lowered the level two feet making a ledge just right for leaving the kit. Lowering the level has, however, destroyed the musical effect of the water lapping the roof in Dip Sump, and known as the Magic Xylophone. We then swam to the end of Shower Aven and climbed out onto a small ledge.

Here, we erected an aluminium ladder which had been bought especially for this purpose. This fitted up into the small passage from where the water

dripped. We climbed up into a dry, sandy floored passage. After crawling up into a dry series of smallish passages for 160 yds. we came to a balcony leading into a largish passage 10 ft. dia. leading downhill to a deep pothole and upwards into a larger passage, after a small dig. When we returned that evening we had five likely ways on although none were very large apart from the pothole.

This is where Smith comes back into the picture. We were now at his second line of defences, having sneaked under the first whilst Clive caused a diversion in the boulder dig.

On Sunday, July 3rd, we returned to the attack supported by Terry Moon. We carried ladders and life lines and rushed straight for the pothole. This descended for 90 ft. to a blank floor, of water covered boulders. I can almost see Smith laughing.

Not daunted we attacked the other four ways on; one ended quickly, another led back into the lower passage and the third was a squeeze into a small chamber. This left the last as a small chamber with two small ways out. Almost beaten we split up and each followed the passage of our choice. Mine dropped through boulders into a low crawl for 250 ft. into the first large chamber. Near the roof was a route out, also small. Here we caught Smith, because I heard Charles and Terry talking and wriggled out of a letter box in the wall of a Chamber which they were just concluding did not go, (except for a hole in the floor which seemed 100 ft. deep). I lowered rope and we followed a draught in to a side passage 2 ft. by 3 ft. Smith tried to block this with a boulder 2 ft. by 3 ft., but we pushed it over the edge of a 12 ft. wide passage which was then seen to stretch off into the distance to the left and, appeared to be 100 ft. deep. We therefore left it and on the way back found a route down to the bottom of the first 100 ft. hole without there being a way on. We returned with only the one really hopeful passage left which we were aware of.

This was the position when the stop press was requested for the last newsletter.

The Yugoslavia Expedition had been promised the ladders so that one last visit was arranged for July 24th and on this occasion we were joined by Rod Stewart, making a team of four. As on both the other occasions, helpers were easily found and more wood was carried in for the Boulder Dig which has been given a new lease of life. We first of all set off a charge in one of the new passages to make smoke. This was seen in Coronation Series. Hammer blows were heard in the boulder dig, but the radio device was not used as it is to be hotted up to increase the range.

We then went on in via Charles route. Here a way on has been dug through the boulders but it is quicker. Soon the large passage was laddered and found to be 55 ft. deep. Whilst we were climbing Charles had climbed up and over the boulders and on down the passage, now he came rushing back to announce with forced restraint,

"IT'S OFD 2"

We were so confident that we left most of the ladder and set off up the passage. This was as large as Rawl and seemed to be getting bigger. One side passage was followed for 150 yds. to a small stream but it was not pushed downstream. The main passage continued due north to a major fork. We

followed the biggest passage east which got bigger i.e. 20-30 ft. wide and 50 ft. high. The floor as one would expect, contained fallen blocks. This passage opened out into a cross-roads with all ways vast. With some difficulty we chose one way which was followed by other forks. This continued for several hundred yards with few formations except for a crystal and rimstone pc

By now it was obvious we had won and our pleasure was only increased by rounding a corner to hear the roar of a stream in the boulders below. We climbed down into the streamway and then agreed to split up.

Upstream the boulders forced us upward, up and up, climbing a boulder pile until we were an estimated 200 ft. above the original chamber; then the cone began to drop into the passage beyond. Above was a rock bridge with boulders the size of a small house on it. The way up could be seen just before the peak but the top could not be made out - some aven! The continuation was not fully explored. Several side passages were entered from the original chamber and they all continued on, very large (Rawl type).

The stream was then followed on upstream, below the boulders, for some quarter of a mile.

Most interesting, however, was the downstream route. After 150 yds this turned left and there was the main stream thundering down a boulder stream passage and nipping into a bedding plane at our feet.

It was immediately noticed that it was much higher than when we had come in the cave and was peaty coloured. Upstream the water seemed always moving in rapids or cascades but, marvellously, no waterfalls in the main stream. After 480 yds. two waterfalls fall into the stream from a height of 40 ft. or so. At 560 yds. there is another. The passage is very like the stream passage with the roof out of sight. The boulder floor is made slippery with many sandstone blocks. At 660 yds. there is a noticeable change in the passage as from here on there is a series of potholes in the floor all about 5 ft. dia. and deeper than I am. After 100 yds. of this we were tired and at 800 yds. we turned back. At this point the passage was still as large as ever and going strong.

So ends the first stage of the exploration. On our return there was a large party waiting for us, to help with portering. Their presence is always appreciated and their cheerful help allowed us to recognise how tired we all were feeling. Never again let it be said that the youthful members are not ready, willing, and able.

What is now needed is a dry way in and in this connection the next trip must be used to set off more smoke bombs, use the radio device, explore the first part carefully, and even to dig a little.

To summarise, the sketch in the common room shows approximately three quarters of a mile of new passage, most of it streamway. None of the main passages were explored to any end, and often rather to the contrary. The lack of formations may suggest a high level series and a serious search may find the easiest route to be via Starlight in OFD.

Before we close, spare a thought for Smithy. We have twice crept up behind when he was watching for a frontal attack. He is now in full retreat to the Byfre so before he builds up the next choke, pass the Horlicks!

JVO COG July 1966.

FFYNNON DDU DEVELOPMENTSPart Two

At the end of July, the Club Expedition set off for 'Jug' and amongst all the equipment was the special ladder needed for the climb out of the sump into the new series. The key was gone, with the door locked!

We spent the next weekend digging in boulder series and a great deal of work was done in timbering and defacing images of divers. However, the story of the digs will be told later but sufficient to say it became obvious that a better site was needed.

Accordingly, the divers again sallied forth on August 13th, determined to prove where the draught comes from in Coronation Series. Once the decision was taken, the lack of a key became unimportant and three eight foot maypoles were to be used as a lockpick. Three divers passed the sump and assembled the poles and soon a sweating, black evil thing was lowering a ladder for the others.

Once in, the objectives were as follows. One man stayed at the pitch and put in the rawbolts for the sky-hook and the others went to the boulder choke taking the draught. We had arranged for a party to be in Coronation series and they were to listen for voices. If they could not hear anything, then hammer blows were to be used and if both these failed a small charge was to be set off to create smoke to enable the dig to be fixed accurately and then the dig was to be started from below.

The divers soon found that voice contact could not be made, at least, not from the new cave out, and the charge was laid. Interestingly enough, however, the top party could hear everything, and they listened to the diver preparing the charge. Within twenty-five seconds of the impressive bang they collected the consequences of a bang in a small space. However, the contact was made. The divers returned without any other exploring being made.

The Boulder Series dig was then discreetly abandoned and a large scale attempt was made on the dig in Coronation Series. This dig is also in a dangerous boulder choke and large quantities of timber have been taken in. Again the story must be told in full in another article but it is sufficient to say that one person did get through into the new series and out again before we had to watch the dig collapse. Now, after several more attempts, the boulders are winning and, once more, it was thought better to look for a safer way in.

Came the Dawn! After the rush and push to get the dry way in, the divers had laid low. When it seemed that the dry way was not easy with or without their help, they plotted again. Loathsome things did crawl upon the sea and a new dive was planned.

So on September 17th, the July diving team were joined by Colin Graham. Several others had planned to join in the dive but when all things were considered three agreed to hold back in the interests of maximum safety and all three helped the other divers!

We dived in clear, low water at 11.15 and left the gear in the usual place, and by 12.15 were in the dry series. The objectives were firstly to use

Bill Birch's radio device to fix the position of the Smithy to see if it was the Jama extension. Secondly, the Cwm Dwr streams were to be coloured with rhodamine B in the drain and fluorescense in the main sink. The stream in the Smithy was to be observed for the colour.

Accordingly, we carried a large amount of tackle, the heaviest item being the battery for the hotted-up radio device. We passed the mound of small boulders from the Coronation Dig and pushed into the squeeze which exists at several points in the new series for the first two hundred yards. The pitch was laddered as 45 ft. this time and we progressed without incident to the Smithy.

The transmitter was set up at 1.30 at the highest point in the passage after a 45 degree climb up the boulders. Rod, meanwhile, climbed down to the stream and immediately reported the presence of Rhodamine B in the water. He followed the passage upstream to a fork. One large passage went right, on sharp left, and a tiny one straight on. The coloured water came from straight on! To have explored it would have risked blocking the passage, so it was left for a later visit. A quick look suggested the others were not connected with the small one.

At 2.25 p.m. we set off for the main stream which had not been fully explored. With the water much lower, the part previously visited was viewed with delight by the party except the two who adopted the expression of bored guides. 'This Gentleman is the largest formation in the streamway (at 102 yds and here is the 10 ft. cascade (at 263 yds.) where the first explorers fought with the flood. If you look carefully you can see where the helmet scraped the rock!'

The five of us marched up the stream delighted with its size and shapes. Generally, it is the same as the Stream Passage but, occasionally, it becomes a tube about 20 ft. x 10 ft. high. The first and second waterfalls were passed and the region of potholes was entered. Although they were easier to see with the water low, their depth and frequency caught us all out at some time. In all, we estimate there are some 20-30 in the section explored.

At the second series of small showers, in a part white with calcite, one wall was climbed up to a hall with the top forming an aven, the roof out of sight.

However, the main stream was our objective and we were pleased to find the potholes become less frequent until at 1290 yds. we came to a sump in what was obviously a new water course. Undaunted, we retreated and climbed into an old oxbow which ended in a crack, undaunted, we retreated and climbed into another ox-bow leading off from the first. This paid off and after 170 yds. we were able to climb down into the stream again. We were then able to admire the view for some time as we plodded up, for the stream had been rising all the time, and at 1720 yds. we had climbed into a seam of rotten stone. Where it formed the bed of the stream the floor was of thin flakes of the stone with potholes below. Several of us fell into these holes as the rock collapsed so that we were pleased when we passed this section.

Soon after this we came to a large waterfall, coming from a great height, and which contributed perhaps twenty per cent of the water in the stream. After this the passage decreased and entered an odd zone. The stream quietly disappeared in rifts in the floor and then in bedding planes in the

sides until we were clambering over boulders with no sight or sound of the stream. Then at 2287 yds. we rounded a bend to meet the stream again. The passage grew in height and it became normal stream passage. Soon, however, we noticed the passage walls were dry in parts and the air was thought to be warmer. The roof dropped (or we climbed) and the small formations were seen to include moonmilk. We began to think we were at the Byfre when we rounded a bend at 2720 yds. to see the way on blocked by a 22 ft. waterfall. This was falling from a 10 ft. dia. passage some 10 ft. from the top of a 40 ft. chamber. There was no way round, nor was it possible to climb it with the quantity flowing so we turned back at 4.20 p.m.

We picked up the radio device from the Smithy and pushed on out. On the way we found a short cut to the stream for future use, and dived back at 9.20 p.m. A large party was again there with coffee and willing labour and we were out by 10.15 p.m.

The radio fix had been successfully made and the point on the surface is some 130 ft. south of the last one taken in the Jama! The Smithy is, therefore, the Cwm Dwr Jama passage continued and this connection is to be investigated again. The stream below is not running in the Smithy passage but takes a longer route in a smaller passage. This new passage will be looked for in Cwm Dwr.

The new discoveries prompt the following conclusions and observations. The Smithy runs under the Brick Works Quarry with its highest point some 40 ft. nearer the Club than the edge of the cliff. This point lies some 130 ft. south of the last radio fix in the Jama although the boulders have been penetrated beyond the survey point.

The sink at the Drain connects with the main stream in the Jama as it was seen before the fluorescene was added. The Cwm Dwr stream runs in a new passage in OFD 2 and not in the boulder choked Jama extension.

The farthest point in the main stream carries a good draught and seems likely to be near an entrance. The passage is still large even after 2700 yds. However, the main stream winds so much that the distance up the hill is likely to be around one mile. Several avens were noticed and there is every likelihood of extensive high level series being found at a height of fifty feet or so.

We had been climbing steadily up-stream all along its course and, with the waterfall, it is not likely that there will be much more rise to the Byfre. The passage shape is, therefore, likely to change.

So much for this stage of the exploration. The cave is giving up slowly but is fighting almost every step. One dry way in is known but is too dangerous and the next likely spot is now known. One last parting shot. It is now clear that Cwm Dwr is in fact part of the main Ffynnon Ddu system - not a feeder!

The exploration so far has been a remarkable Club effort in support and enthusiasm and this report is for, and on behalf of, the shareholders.

J.V.O. Penwyllt. 1966.

A NEW CAVE AND POTHOLE IN PEMBROKESHIRE

The entrances to the new systems were discovered by me during a Whi week holiday, and exploration was carried out while on a camping/caving weeke starting on 1st July 1966. Those concerned were Tom Pinckheard, Russell Pop and myself from the ICI Fibres (formerly BNS) club, ably helped by Philip Jones and Martin Barnes.

The new cave is situated in the lowest level, which is now disused, in Carew Newton Quarry, NGR 22/048.044. It consists of a main passage, approximately 120 ft. long, which widens into a chamber near the middle. The system is completely phreatic in nature and two oxbows in the roof have been explored. Only one could be completely traversed; the other had an impassab squeeze through which lamplight from the main passage could be seen. The chamber contained a muddy stalagmite which had the shape of a wolf's head whe viewed from the angle of entry. The eccentric shape was either due to calcit growth on small boulders, or to collapse of sheets of calcite from the roof. The formation looked too fragile to be examined more closely. Above the stal mite was an aven which appeared to be 10 ft. high and continuing, but it was 10 ft. or so off the floor and inaccessible. On one wall was a nice curtain free-hanging for 9", and very thin. An eel was seen in a pool 50 ft. from daylight. It was about 10" long with natural colouring, and sluggishly swam away to deeper water. All the pools seen were stagnant, but the water in the probably rises 2 to 3 feet in wet weather and may flow in or out of the cave. The clay beyond the chamber was dry and cracked, and so was beyond the reach this flood water. Bat guano was seen in two places, and it was of no great age, possibly only a year or two.

A 3 ft. stalagmite column near the entrance had obviously been shattered by natural agencies, probably frost, because inner stalagmites were not damaged. The entrance stalactites were also mud covered, but the highes of the chamber stalactites were not.

A small patch of fuel oil at the very end of the cave had seeped through from the crushing plant on the quarry floor above. Permission to explore the cave should be obtained from the quarry manager, and it should be noted that blasting takes place on Saturdays.

STACKPOLE HEAD POTHOLE

The pot is situated at 11/933.943 only 20 yds. from a line of magni ficent limestone sea-cliffs. It is not fenced off, and has swallowed many curious sheep. The pot was laddered for the first time on 3rd July and found to be 105 ft. in one single pitch, presumably a record for South Wales. It is roughly 10 ft. across and strongly fluted in a vertical direction. The landing is on boulders and dead sheep, but 10 ft. up a 3 ft. high passage gives access to a sea cave. A rope or ladder is required for the descent on to the sand. In the roof of this little passage is an aven which leads back to a ledge, covered in earth, situated in the wall of the pot about 70 f from the surface.

The fluting suggests that the origin of this pot is not connected with the sea. Another pot lies some 200 yds. west of this one, but it seems

to be due to collapse into a sea-cavern, and a sandy beach can be seen at its bottom. This one was not descended but it would furnish a very pleasant exercise for potholers. Stakes or pitons are required for ladder tethering on the surface for both potholes.

M. DAVIES, CWMBRAN.

AN EXTENSION IN DOLPHIN'S HOLE, CARMARTHENSHIRE.

Dolphin's Hole should now be classed as an 'Ogof' because it has been pushed from an 80 ft. 'hole' to a respectable 400 ft. cave. Ever since its discovery by Dolphin in the summer of '56, the hole seems to have been avoided by speleologists. Its isolated position in a county that remains "dry" on Sundays may well be the reason. ICI Fibres (then BNS) members made a cursory examination during Easter '57, and it was only on 12th February, this year, that serious exploration started. Further work on 12th June and 30th July completed the pushing of every passage, and showed that digging in two boulder chokes would not be profitable without the expenditure of many weekends of time.

Dolphin's entrance chamber has now been probed at all levels and a total of three separate routes found leading to a second chamber. The first and lowest is via a well-decorated bedding plane 30 ft. long. The second is a small rift passage, and the third is a roof passage leading to a pothole in which the climb down is of some difficulty. The roof passage also contains some clay formations and a stalagmite which have been taped off. The second chamber, 30 ft. high and 8 ft. wide in places, ends in a boulder choke which exhibits no air movement. A side passage leads behind the choke to some extent, but this, too, is blocked by a fall.

It has been noted that the cave emits a strong air current on a hot June day, and also in February when there were several degrees of frost outside. During the July trip, however, air was moving into the cave and the weather could only be described as very wet indeed, with somewhat below average temperature.

MELVYN DAVIES, CWMBRAN. 1st August 1966.

LIST OF MEMBERS SEPTEMBER, 1966.Hon. Members:

T. Ashwell Morgan, Westbrook, St. James Gardens, Swansea.
 J. Barrows, Mr. and Mrs., Yr Grithig, PenyCae.
 A.J.R. Hudson, Dr., Mackworth Villa, St. Thomas, Swansea.
 G. Platten, Rotherfield, Fernhill Lane, New Melton, Hants.
 C. Powell, Rhongyr Uchaf Farm, PenyCae.
 Mrs. G. Price, The Gwyn Arms, PenyCae.
 Dr. North, 19 Chargot Road, Llandaff, Cardiff.
 C. Freeman, 27 South Road, Sully, Penarth, Glam.
 P. Harvey, Mr. and Mrs., c/o P.O. Barry Island, Glam.
 A.C. Price, Dr. 98 Brockley Grove, Crofton Park, London, S.E. 4.
 Z. Pepionic, Speleolosko Drustvo Hrvatske Demetrava 18/11 Zagreb, Yugoslavia.

President:

Brig. A.E. Glennie, C.I.E., D.S.O., Seaton House, Shrublands Road, Berkhamstead, Herts.

Vice Presidents:

A.H. Hill, 32 Marine Road, Oreston, Plymouth.
 Dr. D.A. Bassett, National Museum of Wales, Cardiff.
 C.L. Railton, 12 Chester Road North, Sutton Coldfield, Warw.
 D. Jenkins, Dinmore, Dyffryn Road, Llandrindod Wells, Rads.
 L. Hawes, Cribarth, 26 Court Moor Avenue, Fleet, Hants.
 Miss M. Hazelton, Seaton House, Shrublands Road, Berkhamstead, Herts.

Members:

Andrews, T., 186 Courtlands Avenue, London, S.E. 12.
 Ashwell, A.W. Mr. and Mrs., Stanyeld Road, Trevor Hill, Church Stretton, Shropshire.
 Aslett, E. Dr., c/o Castle Hotel, Brecon.
 Anderson, N.G., 15 The Parade, Whitchurch, Cardiff.
 Aldridge, J. Mr. and Mrs., 38 St. Leonards Road, Bengeo, Herts.
 Bacon, C. Mr. and Mrs., 1 Panteg Close, Culverhouse, Cardiff.
 Baglin, C.J., 8 Archer Road, Penarth, Glam.
 Basham, R.H., 26 Overdale, Ashstead, Surrey.
 Benson, Evans, K. Miss, Trefriw, 103 Merthyr-mawr Road, Bridgend, Glam.
 Bevan, J. Mr. and Mrs., 62 The Greenway, Sutton Coldfield, Warw.
 Birchenough, W.A. Mr. and Mrs., Felinganol, Verwig, Cardigan.
 Bowden-Lyle, Miss, 17 Rokeby Avenue, Redlands, Bristol.
 Baynton, R., 15 Weig Gardens, Gendros, Swansea.
 Barr, R.J., Chestnuts, Histons Hill, Codsall, Staffs.
 Baguley, F. Mr. and Mrs., 15 Elmgrove, Aberdare, Glam.
 Baguley, S.D., 13 Leys Catwg, Glynneath, Glam.
 Ball, H., Bronderi, Peniel Green, Llansamlet, Swansea.
 Ball, T.K., Building Research Station, Minerology Section, Gaston, Watford, Herts.

- Clarke, W.E. Mr. and Mrs., 6 Glynderwen Cres., Derwen-Fawr, Sketty, Swansea.
- Clissold, G. Mr. and Mrs., Silhouette, Staunton, Nr. Coleford, Glos.
- Cons. D. Haffes, 16 Great Elms, Hadlow, Tonbridge, Kent.
- Coombs, D., April Cottages, 7 Primrose Row, Uplands, Pontardawe, Nr. Swansea.
- Crook, B.A. Dr., The Laurels, Timsbury, Nr. Bath.
- Coase, A., 53 Broughton Road, Croft, Leics.
- Christopher, N., 106 Van Road, Caerphilly, Glam.
- Clarke, D.R. Mr. and Mrs., 87 Caterham Drive, Old Coulsdon, Surrey.
- Church, J., 35 Rayns Cross Road, Long Ashton, Nr. Bristol.
- Davies, A., Pongfield Gate, Pontardawe Road, Cwmgorse, Glam.
- Davies, J.M., 47 Heol-y-Bont, Rhiwbina, Cardiff.
- Davies, M., 18 Tymynydd, Pontnewydd, Cwmbra, Mon.
- Davies, T., Brynithyn, 2 Gellidawel Road, Glynneath, Glam.
- Davies, D.R., 69 Bishopston Road, Bishopston, Swansea.
- Dowden, W.A. Mr. and Mrs., 8 Coome Cott., Streatley, Reading, Berks.
- de Graaf, B. Mr. and Mrs., Neuadd, Llangorse, Breconshire.
- Denbo, B.M., 52 Laburnam Road, Maidenhead, Berks.
- Devenish, C.L., Washing Pool, Chilcote, East Harrington, Wells, Somerset.
- Duerdon, M., 1 Primrose Mansions, Prince of Wales Drive, London, S.W. 11.
- Dilly, P.N., Dr. and Mrs., 86 Ashburnham Grove, Greenwich, London, S.E. 10.
- Dingle, L.S., 2 Penylan Terrace, Roath, Cardiff.
- Dolphin, P. Mr. and Mrs., Terderfer, Bouverie Street, Gzira, Malta.
- Dryden, J., 24 Southernhay West, Exeter.
- Dilly, D.F., 18 Crescent Road, Luton, Beds.
- Davies, J.E. Miss, 3 Caecrwn, Cray, Brecon.
- Evans, G. Mr. and Mrs., 25 Wren Road, Sidcup, Kent.
- Fenn, B.W. Mr. and Mrs., 113 Sherwood Road, Hallgreen, Birmingham 28.
- Foreman, P., 55 Middleton Avenue, Newcastle on Tyne.
- Freeman, W.C., 27 South Road, Sully, Penarth, Glam.
- Flaherty, R., 57 Australia Road, Heath, Cardiff.
- Foster, B., The Old House, Kislingbury, Northampton.
- Fairbairn, C., 544 Mumbles Road, Mumbles, Swansea.
- Galpin, L. Mr. and Mrs., 6 Trinity Rise, Tillington, Stafford.
- George, C.O. Mr. and Mrs., Leys Cottage, Llanblethian, Cowbridge, Glam.
- Gilinsky, H., 35 Beaconsfield Road, Balsall, Heath, Birmingham 12.
- Gregory, R., 32 The Rise, Llanishen, Cardiff.
- Grohmann, T.B. Mr. and Mrs., 15 Bourse Close, Kings Heath, Birmingham 14.
- Guest, P.D., 35b Sutton Road, Walsall, Staffs.
- Gough, M., 11 Egerton Street, Canton, Cardiff.
- Graham, C.R., Blue Barn, St. Braivels, Lydney, Glos.
- Hardwidge, P. Miss, 15 Heol Wernlas, Whitchurch, Cardiff.
- Harries, W.G. Mr. and Mrs., Glen View, 17 Ford Road, Velindre, Port Talbot, Glam.
- Harvey, J. Mr. and Mrs., The Riding School, Upper Hareslade, Caswell Bay Road, Bishopston, Swansea.
- Harris, K.P. Miss, 31 Manor Road, Manselton, Swansea.
- Hartwell, J. Mr. and Mrs., 79 Heol Isaf, Radyr, Cardiff.
- Hitchings, D., Burford, 105 Dunvant Road, Killay, Swansea.
- Homes, I., Lindum, The Homend, Ledbury, Hereford.
- Hunt, D. Mr. and Mrs., 19 Daniel Street, Cadoxton, Barry, Glam.
- Hylton, R.T., 3 Moor View, Newley, Clapham, Lancaster.

Hughes, W. Sgt., 16 Greensome Close, Doxey, Stafford.
 Holt, D., 6 Leighton Crescent, Elmesthorpe, Leics.
 Harwood, E., 33 Worcester Road, Droitwich, Worcs.
 Hawes, L.A. Mr. and Mrs., Cribarth, 26 Court Moor Avenue, Fleet, Hants.
 Hazelton, A.M.A. Miss, Seaton House, 15 Shrublands Road, Berkhamstead, Herts.
 Hiron, J. Mr. and Mrs., 60 Neville Road, Erdington, Birmingham, 23.
 Hussey, M.S., 16 Caston Road, Pontyclun, Glam.
 Henson, C.S., The Hollies, Lutterworth Road, Burbage, Leics.
 Inson, E.G., 19 White Barn Road, Llanishen, Cardiff.
 Iles, A., Mr. and Mrs., 68 Goodmoor Crescent, Churchdown.
 John, B.A., 12 River View, Gabalfa, Cardiff.
 Jefferson, G.T., 6 Rhiwbina Hill, Rhiwbina, Cardiff.
 Jenkins, D.W. Mr. and Mrs., Dinmore, Dyffryn Road, Llandrindod Wells, Rads.
 Jefferson, G.W., 6 Rhiwbina Hill, Rhiwbina, Cardiff.
 Jones, A., "Borodin", Woodland Park, Penderyn, Nr. Aberdare. Glam.
 Jones, D.T., 6 Warren Road, Bexleyheath, Kent.
 Jones, J.C., 27 South Road, Sully, Penarth, Glam.
 Jones, G., The Old Vicarage, Sketty Park Road, Sketty, Swansea.
 Jones, N., 4 Heol-y-Felin, Rhiwbina, Cardiff.
 Jeffery, L. Mrs., Flat 8, 142 Church Road, Upper Norwood, London, S.E. 19.
 Jorgensen, B.T., 58 Linden Avenue, Westcross, Swansea.
 Jonathan, M. Miss, 25 Merthyr Road, Abergavenny, Mon.
 Jay, C., 18 Maple Road, Leytonstone, London, E.11.
 Judson, D., Glenfield House, Headley Heath, Birmingham, 30.
 Kemp, D., 5 Church Lane, Southwick, Brighton, Sussex.
 Kirby, S.C., 19 South Park Crescent, Ilford, Essex.
 Kirk, A., 28 Bradley Green Road, Hyde, Cheshire.
 Kemp, R. Mr. and Mrs., 11 Church Lane, Southwick, Brighton, Sussex.
 Kendall, G.J., 23 Peakhouse Road, Great Barr, Birmingham 22a.
 Leyman, J.C., Llys Helyg, Castle Road, Pucklechurch, Glos.
 Little, W.H., 29 Wrekin Road, Sutton Coldfield, Warwickshire.
 Lloyd, O.C., Withey House, Withey Close, West Bristol 9.
 Lloyd, D.H., 62 Broniestyn Terrace, Trecynon, Aberdare, Glam.
 Lloyd, N.B., Barlands Cottage, Bishopston, Swansea, Glam.
 Lewis, R., 124 King Street, Brynmawr, Brecon.
 Lloyd, D.T., 20 Maes-yr-Haf, Frederick Place, Llansamlett, Swansea.
 Lloyd, D.T., 32 Parish Road, Cwmgwrach, Nr. Neath, Glam.
 Linforth, P.A., 73 Chatsworth Mews, Elmwood Road, Wordsley, Stourbridge, Worc
 Mallory, L.A. Mrs., Route 2 Box 78, Grants Hill Road, Alfred, ME 04002 USA.
 Mills, W.B., Druid House, Middleton Street, Llandrindod Wells, Rads.
 Morgan, R.G., 51 Malvern Terrace, Brynmill, Swansea.
 Myers, J.C., 11 Thorn Lane, Haworth Road, Bradford 9.
 Morse, M.G., 1 Walcot Road, Swindon, Wilts.
 Millett, P., 26 Bacton Road, Gabalfa, Cardiff.
 Matthews, P. Dr., 264 Neath Road, Briton Ferry, Nr. Neath, Glam.
 Millward, A., 179 Grove Road, Sparkhill, Birmingham 11.
 Moon, T., 31 Hirst Crescent, Fairwater, Cardiff.
 Millett, S. Miss, 26 Bacton Road, Gabalfa, Cardiff.
 Moseley, M.M., Brooklyn, Old Warwick Road, Lapworth, Warcs.
 McCreadie, S.W., The School House, Harlton, Cambridge.
 Osborne, J.V., 34 Haygate Road, Wellington, Shropshire.
 O'Reilly, P., 13 Merton Road, Highfield, Southampton.

- Page, G.V., 148 Sixth Cross Road, Twickenham, Middlesex.
 Parkes, J.C. Mr. and Mrs., Woodcote, Woodlane, Parkgate, Wirral, Cheshire.
 Phillips, S.C.L. Mr. and Mrs., Golden Chine, Painshawfield Road, Stocksfield,
 Northumberland.
 Pickering, B.W., Belmont, Stamford Road, Bowden, Cheshire.
 Powell, R.M., 198 Maney Hill Road, Sutton Coldfield, Warw.
 Price, A.C. Dr., 98 Brockley Grove, Crofton Park, London, S.E. 4.
 Price, A.W., Abercrave House, Abercrave, Swansea.
 Pearce, D.C., 128 Caldy Road, Handforth, Cheshire.
 Pitcher, M., 74 Lavendon Road, Perry Barr, Birmingham, 22b.
 Powell, I.C., 23 Park Avenue, Whitchurch, Cardiff.
 Price, A.C., 50 Oakhill Road, Ashstead, Surrey.
 Parr, Cpt. J.M., Officers Mess, Army School of Education, Wilton Park,
 Beaconsfield, Bucks.
 Railton, C.L. Mr. and Mrs., 12 Chester Road North, Sutton Coldfield.
 Riden, J.R., 31 Torrens Drive, Lakeside, Cardiff.
 Roberts, D.R., 30 Heol-y-Forlan, Whitchurch, Cardiff.
 Roberts, J.F., 15 Cowbridge Road, Pontyclun, Glam.
 Round, T.N., 250 Henwood Road, Tettenhall, Wolverhampton, Staffs.
 Rossiter, P., 65a Basingbourne Road, Fleet, Hants.
 Saunders, G., 20 Penydre, Clydach, Swansea.
 Sharpley, W., Earnock Lodge, Boswell Road, Edinburgh 5.
 Smith, R. Mr. and Mrs., 58 Woolaston Avenue, Lakeside, Cardiff.
 Smith, D.W., 75 Gooding Avenue, Braunstone, Leics.
 Salt, F., 14 Grafton Road, Sparkbrook, Birmingham, 11.
 Starke, G.T., 13 College Street, Sheffield, 10, Yorks.
 Stephens, W.R., 28 Harriet Street, Trecynon, Aberdare, Glam.
 Stevens, A. Mr. and Mrs., 65 Dan-yr-Graig, Pant Mawr, Whitchurch, Cardiff.
 Dr. Sutcliffe, A.J., Dept. of Paleontology, British Museum, (Nat. Hist.)
 Cromwell Road, London, S.W. 7.
 Savage, D., 17 Bellevue Crescent, Clifton, Bristol, 8.
 Stewart, R., 132 Barnwood Road, Gloucester.
 Shaw, M.M., 5 Grongaer Terrace, Pontypridd, Glam.
 Skinner, M., 11 Three Arches Avenue, Llanishen, Cardiff.
 Squire, J. Mr. and Mrs., 3 Swanborough Corner, Highworth, Wilts.
 Salmoni, A.J., 28 Frewer Avenue, Fairwater, Cardiff.
 Spooner, J., 24 Cosherston Road, Fairwater, Cardiff.
 Thomas, G., 4 James Park, Kilgetty, Pembrokeshire.
 Thomas, G.O., 40 Dan-yr-Graig, Pantmawr, Whitchurch, Cardiff.
 Thomas, C.E. Miss, Thistle House, Abercrave, Swansea.
 Thomas, D.B., Garthfield, Mumbery Hill, Wargrave, Berks.
 Thomson, D. Dr., 32 Holt Gardens, Studley, Warwickshire.
 Tratman, E.K. Prof., Penrose Cottage, Burrington, Nr. Bristol.
 Toye, W.D.G., Cherry Trees, Ingleton Road, Carshalton Beeches, Surrey.
 Truman, J., 74 Clare Road, Stanwell, Middlesex.
 Terry, D.F., 27 Strathmore Road, Teddington, Middlesex.
 Tonkin, G. Mr. and Mrs., Glenardle, Bridge of Cally, Blairgowrie, Perthshire.
 Warwick, G.T. Prof., 47 Weoley Park Road, Selly Oak, Birmingham 29.
 Webley, D.P., Heol Isaf, Radyr, Glam.

Williams, R. Mrs., Botany Dept., University College, Cardiff.
 Williams, R. Dr., 107 Plymouth Road, Penarth, Glam.
 Williams, D.R., 11 Tyle Teg, Burry Port, Glam.
 Williams, J.G., 2 Brynbarw, The Parade, Porth, Glam.
 Willis, D.A., 3 Derwent Lodge, St. Philips Avenue, Worcester Park, Surrey.
 Woodford, T.A., 6 Hurst Park Avenue, Cambridge.
 Woods, B.J., Riverside Caravan Site, Hollow Street, Great Somerford,
 Chippenham, Wilts.
 Williams, B., Caerleon, The Walk, Merthyr Tydfil, Glam.

Members are requested to advise the Secretary and Editor of any errors and/or omissions in the above addresses.

Hon. Secretary.

CLUB NEWS

Hon. Secretary:- Because of personal reasons John Osborne tendered his resignation to the committee at the meeting held on the 1st October, and it was with regret that John's resignation was accepted by the committee.

Colin Graham was appointed to the office of secretary, and Paddy O'Reilly was appointed to the office of Cottage Warden, the office which Colin previously held.

The committee have asked me to thank, on behalf of every club member John for the tremendous amount of time and energy he has devoted to the club during his period as secretary. John has stated that he would like to serve the club as an officer again in the near future, an offer which the club should readily accept.

Editor.

O.F.D.

John Barrows has requested that the parking of cars at Y Grithig be kept to a minimum. A couple of weeks ago it was impossible for John to park his own car at his home owing to the number of O.F.D. visitors' cars parked there, a situation which can easily be avoided by exercising a little forethought.

The committee also wish to point out that changing into and out of caving clothes should be done at the club and not at Y Grithig.

Cottage No. 4. This cottage is for the use of married club members who are accompanied by children. It is not the intention of the committee that the cottage should be used by married couples in general. Because young children stay at the cottage quite frequently, members are urged to keep the standard of cleanliness as high as possible.

Proposed 21st Dinner S.W.C.C.: It is essential to know the number of people wishing to attend such a function at a cost of about £1 per head. The attendance will decide the venue, and if at least 90 people can be guaranteed to attend, a private room with adjoining bar (or a bar with adjoining room) can be hired.

If you are interested, drop Derrick Webley a line as soon as possible. It's about time the Presidential Chain was de-rusted.

New Members: We welcome the following new members to the club:

- Derek Holt, 6 Leighton Crescent, Elmesthorpe, Leics.
- Colin Fairbairn, 544 Mumbles Road, Mumbles, Swansea.
- Alan Murry, 27 Cotswold Gardens, High Heaton, Newcastle-on-Tyne.
- Jeremy J. Rowland, 8 Brynsiriol Road, Fforestfach, Swansea.
- Peter G. Ogden, 24 The Close, Sutton, Surrey.
- David J. Hitchings, 10 Dunvant Road, Killay, Swansea.

.....
 : ARTICLES ARE REQUIRED FOR THE NEXT NEWSLETTER, :
 : SO TAKE UP YOUR PENS AND WRITE :
 : :