

Proceedings 13.1 (1971/2)

Material for this issue should be in the hands of the Editor not later than NOVEMBER 30th 1971.

Covenanted Subscriptions.

The majority of our subscribers are former student members and pay an annual subscription of £1.50. On top of this (at the present level of taxation) the society can recover a further £1.05. The initial cost of setting up the scheme has been borne privately. The annual administrative cost per covenant is about 5p. So far about half our members have signed covenants, and it is hoped more will do so. The minimum period for a covenant is only 7 years, but this does not entail any charge on the estate of a member who is unfortunate enough to die during the period of a covenant.

This scheme represents a sizeable increase in the income of the society, and costs little in the way of effort, so please add your name to the list by writing to E K Tratman NOW.

Archaeology.

The Dept of Extra-Mural Studies, in conjunction with UBSS, will be running a course of 10 meetings on the "Prehistory of the Bristol Area" shortly. The tutor will be Dr E K Tratman. Classes will be held weekly on Thursdays commencing Oct 14th from 1730 - 1930 hours, in the Geography lecture theatre. The fee for the course is not yet settled, but ordinary students pay only half fees. The course is open to all, but is primarily intended for students within the University and associated colleges. Applications should be made to the Dept of Extra-Mural Studies, University of Bristol; not to the UBSS.

Annual General Meeting

NB This report should have appeared in the last newsletter - secretary send his apologies for the omission.

The 52nd AGM of the society was held in the Geography lecture theatre at 8.15pm on Monday March 8th 1971.

The minutes of the last AGM were read and approved. Apologies for

absence were received from Dr and Mrs Savage.

The Hon Secs' report was delivered and accepted with thanks.

The Treasurer's report was delivered and accepted with thanks.

The house was informed by Prof Tratman that the question of insuring the speleothem rooms and their contents had been examined, and the policy amended with respect to the library and museum.

Officers and committee for the next year were elected. The following retained their posts:-

President. Prof Tratman

Vice Presidents. Drs Crook, Taylor and Donovan

Senior Treasurer. Dr Lloyd

Student treasurer Julian Walford

and the following were newly elected to their posts:-

Hon Secretaries. Tony Boycott, Bob Churcher

Committee. Adrian Wilkins

Carol Thomas

Nick Dallman

Velson Horrie

Charlie Self

Hywell Thomas

Professor Tratman announced his firm intention of resigning from the Presidency at the end of this year. He then gave his annual address: a survey of the extent of knowledge of Palaeolithic art in Britain. Thanks were given for this interesting and entertaining talk.

Tony Boycott.

The next AGM will be held on Monday 6th March 1972 at 8.15pm in the Geography lecture theatre, Bristol University.

The first Paul Esser Memorial Lecture will be on 16th Feb 1972 in the Physics lecture theatre, Bristol University. Sidney Wignall will be speaking on the exploration of Armada wrecks.

Future Meets:

November 13/14 Little Neath River Cave (dive) or Ogof Fechan
21 St Cuthberts
27/28 Derbyshire (Oxlo-Giants or PB)
December 12 GB Practice rescue (wet way)
18/19 Agen Allwedd (the marathon)
January 29/30 Yorkshire; Swinsto-Kingsdale; staying at Craven HQ
Easter Yorkshire Meet;

Easter Sunday is April 2nd, so the meet will be somewhere around the Thursday before 'till the Tuesday after. Some good 'oles are being booked.

Somewhere in the Easter term we also hope to fit in trips to Llygad Llwchwr and Dan-yr-Ogof.

An expedition to Northern Yugoslavia is being pondered upon; Cave diving is virtually untouched in this very scenic area. Anyone with bright ideas please contact Adrian Wilkins.

MRO:RESCUE:SWCRO

The new call-out list for UBSS members is now complete, and ten copies are held by various people. Basically two telephone numbers should be remembered:

40774 36 Northumberland Road (AGW,JDW,AB)

20132 35 Ambrose Road (RAC,CMT,CAS) This phone number goes through Bristol exchange

Members are reminded that they are requested to attend the rescue practice on Sunday 12 December. This will take place through the wet way in GB.

News from the Westminster

Ogof Fawr is once again blocked. There are hopes to re-open it.

Ogof Fechan; divers have now penetrated some 180 feet into the third sump where it closed down due to a rock flake leaving only 2 ft between floor and ceiling. Brooks returned from the dive with 20ft of line on his reel. The cave is reputed to be ghastly - sherpas beware.

News from Little Neath;

The sand dig has been sporadically dug throughout the summer, mainly by Sherpas waiting for the divers (sherpas in LNRC frequently have to wait 6 hours). Charlie Self and Nick Dallman have had a look at a lower level passage in Gwrn Fawr, but this failed to go. It should be noted that if they ever wash off in the main stream again before the divers have entered the water, they will be dragged into sump 2 and lynched with diving line.

Main activities have been the diving itself, still only partly touched. Sump 6 for instance has not yet been dived seriously. On June 12/13 Adrian, Bob, and Julian dived through to 5 and finished bolting up an aven near sump 4. This was developed in a major fault, and despite the region being very draughty, all ways on petered out at 190 feet above stream level. Julian throw down two boulders the size of a small house, fortunately missing the others but severing the rope like cheese! On the same trip the Stonehenge choke in Tipperary was pushed (furtively) and a half-hearted attempt to bolt up New World Aven was made.

24th October saw Bob Churcher and Julian back in LNRC 5, where Perspicuity Passage was pushed to its limit (not much further than is on the survey). Bob inspected the walls of all the sumps 2,3,4; a beamgun examination revealed that any rumours of side passages are totally false.

Continued building of dams at Flood Entrance by idiots is 1. unstab-
ilising the bank above by removal of material, and 2. causing boulders to
be washed down the already tight entrance. Do not build dams here; if one
is required to get down the cave then you shouldn't be going down in any
case; for a party trying to get out in high water conditions they are a
positive manace and danger.

Bob Churcher.

Various dives have also been undertaken in the Hepste River Caves, but
weather has been very unkind this summer (except during the Irish Expedit-
ion) and water levels have generally been too high to achieve much.

Hardware Scene.

by Julian Walford.

Like most other clubs UBSS has collected 50 years' of old rope. No - not the ex-student members but bits of lifeline which parted when the heavies decided to join the cave flying group. Rather than throw it away it can be stitched by a "hose stitch" on a circular jig of nails to provide short lengths of rope tubing. The diameter of the jig should be twice the required hose diameter. Drawing in the free end of the rope closes one end of the tube to make a hemi-spherical pad.

Two of these protect a diving bottle admirably, and if half-inch hemp is used, double its weight. Put the whole lot in a bottle bag and just add water to provide a perfectly safe bottle - few sherpas can even lift it! One will make a fashionable caving helmet to wear with striped hemp bathing trunks down Swildons on Saturday afternoons.

Software scene.

by System 4-75.

Following the introduction of stereo line cave surveys by computer, complete with projections on all bearings, the current programs are putting in passage walls. After all if you take wall and roof measurements in the survey notes why not use them? A pair of curving lines is produced from this data, but multiple junctions are causing a headache. Junction-less cave passages like Callaun 3 (Co Clare) can already be drawn however. Future developments will be the drawing of sections from the data and CRG symbols such as boulders, avens and stream-flow arrows.

Note from member i/c photography

UBSS now has an admirable collection of slides from LNRC, long a gap in the society's collection, which Adrian Wilkins showed at the BSA conference earlier this summer.

We have also had printed some of Harry Savoury's best surviving negatives. However this effort has been surpassed by the discovery of Savoury's complete photographic print collection. This is now in the hands of Nick Barrington, who hopes to publish some 200 of the best examples of this early cave photographer's work.

Bob Churcher.

Student Union Finance.

The Department of Education and Science (DES) has recently published a consultative document on the financing of student unions.

Implemented to any degree it will be catastrophic to this and other union societies in my opinion.

Most societies receive a subsidy from the union, far in excess of the contribution paid by members (though some individuals may pay substantial sums in pursuing the aims of the society - some £10 - 15 pa. may go directly on equipment and transport as a caver).

The DES suggest that the total sum paid from public funds should not rise, but that the maintenance grant will be increased by a "modest sum" for voluntary subscriptions to societies. The University may also use some of this finance in providing facilities, outwith the union, but is unlikely to parallel the union in making grants to societies.

Thus union income will be decreased by these two amounts and possibly more; it would not be unreasonable to expect the union subsidy to fall. A fall in revenue is especially undesirable for a club like our own where there is always an element of personal risk, since the club's income dictates its expenditure on TACKLE and EQUIPMENT which set the safety standards.

Voluntary subscriptions might make up for the lack of equipment, but individuals would surely rather buy this for themselves in that case.

Therein lies the effect of the proposals; that the power to set standards will be moved from the club (where decisions are made more rationally and if anything on the safe side) to the individual on the spur of the moment. For example: no caver will venture underground without an adequate lifeline (if this is needed), since one can always be obtained at the "Speleo-rooms". If he had to buy one out of his own pocket, he would either look after it so well that in effect he wouldn't use it, or wouldn't buy one at all.

In conclusion, a measure which we are told is aimed at political clubs, has a much better chance of killing some caver. A strong society needs adequate finance from a strong and adequately financed union.

Julian Walford

Ogof Ffynon Ddu

Further trips here have yielded much in the way of fine sporting caving; also some points of interest.

Dave Waddington & Co. connected the lowest point on the "yellow passage" (right and below Big Shacks on the survey) at NGR 8572 1535 to the Sandbanks passage.

The maypole has now disappeared from Maypole Inlet, and though it is possible to climb up and down the knotted rope, this is considered unsafe by some South Wales C.C. members. - the rope that is, not the practice.

While trying to recover some female's boot, Bob Churcher noted that the upstream pothole is considerably larger than thought. Its underwater profile somewhat resembles an Afghanistan lavatory.

On the 5th June Paddy O'Reilly (SWCC) took Adrian, Bob, Charlie and Tony on a mega-mystery tour in OFD II and III, via the Marble Showers traverses and Midnight Passage. Some time was spent climbing into the uppermost levels of the traverses to III, and much "looking around" was done in the high levels of III itself. Nothing of much interest was found.

On the following day Adrian, Charlie and Tony accompanied Bob Radcliffe (SWCC) to the latter's newly opened extension off Boulder Chamber in OFD I. After a very short time the party heard whistles from another SWCC party in the Dip Sump Series of II. UBSS helped with shrieks of delight to break up some fine stal flow and heave out boulders, and within 90 minutes the connection was made. We were therefore on the first exchange through trip from I to II (Cwm dwr), and have repeated it since. It makes a very fine trip.

The inlet point of the Cwm Dwr stream, recommended by P M O'Reilly as a possible digging point, has been examined closely, but is hopelessly choked.

MENDIP Manor Farm. Following the finishing of the artificial entrance to the main rift, work immediately started at the bottom dig with renewed enthusiasm. Until the second trip when 2 tons of big (!) blocks came down. These were blown up and removed, only to have more come down. These are now clear, but another roof fall is imminent. Since a survey showed we are under the Cess-pit, work has stopped until shoring can be put in.

GB Cave

Difficulties of Control and Conservation.

Two years ago there was a considerable relaxation of the rules for GB, at the request of CCC members. Parties no longer had to be accompanied by a club leader, and the gate for the ladder dig was removed. As pointed out in our last newsletter, this led to steeply increasing vandalism in the cave, at which the Committee are seriously concerned. The problems of access control are highlighted by the following incident

Keys were issued to a CCC member club, who then lent them to an affiliated club from Portsmouth. They proceeded to take 17 novices down. Because of the duck in the dry way all got soaked, and when the inevitable happened (one hurt his ankle), the resulting confusion and waiting around caused one girl to develop exposure which went quite un-noticed. Meanwhile the leader had decided to call out the rescue, by dialling 999 (!) which got him two policemen from Axbridge at the cave, but left him stranded at the telephone box. At this point a UBSS party arrived.

We would ask secretaries of CCC clubs that if they book keys for out-side clubs, to declare this fact; and only issue keys to parties whose competence they can vouch for. Not to do so is to completely negate any point in controlling GB.

On the subject of access the following points are again raised:-

1. Give 1 month's notice, with an alternative date.
2. Enclose a SAE for the key, and one for confirmation if required
3. SEND A DEPOSIT OF £1.00
4. Do not take down parties of more than six
5. Do not leave carbide or litter in the cave.
6. Return the key the following day; otherwise some or all of the deposit will be forfeited.

Failure to return the key will probably mean disappointing someone else, maybe yourselves next time you apply. Recently one key lent to a well-known large Mendip Club took 4 months to recover. Their secretary had meanwhile been complaining over access difficulties.

Applications not conforming to rules 1,2,3 above will be ignored.

Bob Churcher. 10.11.71

Further to access problems involving the Ladder Dig, (not a safe place for large parties or novices) it has been decided to remove the fixed aids. Competent cavers will still be able to get to the series with a pair of krabs and etriers by means of the row of bolts. This news should warm the hearts of tackle critics in the BEC.

Cave Safety

It should be noted that there is now a nasty duck on the "Dry Way" followed by the eight-foot pitch, which should be laddered for novices. The chain into boulder chamber on the "Wet Way" also needs a ladder to make it really safe, as it ends 10 feet off the floor.

SULDONS

Mendip was once again the scene of active caving as new members from the latest cycle of University student turn-around were shown the ropes (and then left to get on with it!). Swildons has also been the scene for some hard trips, namely several visits to Shatter by Adrian and crew, and a figure-of-8 trip by Julian, Bob and Tony on 13 Oct. They reported no foul air in the damp link, infact there was a draught!

Now that the sump 6 bypass is open, cavers can easily get to VII, and will soon be able to go as far as IX. There already is a sump 8 bypass, and the newly discovered one for sump 7 needs explosive attention to make it passable for normal sized individuals. With this in mind Bob Churcher, Adrian and Julian set off with air on 16/10/71, Bob with a Seba bottle and the others with 40's. Swildons was in full flood that day, but even so was quite crowded. Sump 5 was so long that Bob used up all his air and had to retreat. This of course prompted another verse of the song (there are many other verse already):-

I don't want to go to Swildons

I just want to stay alive

Said Bob "I shall not bluff,

A Seba's, quite enough"

But he could only make it down to Five.

chocuss: I don't want to be a diver

I don't want to go and dive

I'd rather foster round, with a carbide underground

And risked my saving life away.

etc

Summer 1971.

UBSS has been visiting Co Clare, Eire, once or twice yearly for the last two decades, and for this reason, and because of dogged determination, most of the finds are credited to the UBSS. The work of other caving clubs, too, in the past has made Clare one of the finest caving centres in Britain.

Yearly the cry goes up: "Clare is worked out. One must concentrate on a fresh area." But every year this is proved wrong as further finds and extensions are made. So back went the UBSS again in July. As always, the expedition was financed entirely out of personal funds. No support (either financial or in goods) has ever been obtained or asked for for these Irish ventures.

The expedition consisted of:- hereafter referred to as:-

Professor E. K. Tratman	EKT
Dr Oliver Lloyd	OCL
Adrian Wilkins	AGW
Julian Walford	JOW
Barbara Sreeves	BMS
Tony Boycott	AB
Gene Grant	NGG
Bob Churcher	RAC
Charlie Self	CAS
Tony Horwood	ATH
Mick Roberts	MGR
Alison Smith	AS
Nick Dallman	ND

The two British members stayed in Keane's hotel, Lisdoonvarna; while the rest camped/hovelled in the derelict hotel opposite. Although spartan, the accommodation was free; without it noone would have been able to afford to come, and our thanks go to Mr Keane for allowing us to stay there.

The objects of the expedition were threefold:

1. Continue the program of water-tracing
2. Push exploration in B11 (discovered last July - 1970) by diving
3. Extend the Fergus River Cave past the point reached in April '71.

Unfortunately for the water-tracing, but fortunately for the exploration, our visit was preceded by 2 months' severe drought, and rainfall was negligible during the stay until the last few days. All the cave streams were small trickles (some had even dried completely). The lack of success on one side was however counteracted by the very successful explorations in Fergus.

The exploits of the expedition are set out below as extracted from the log book. Detailed reports on Fergus, Doolin will await publication in the society's Proceedings next May.

Fri July 9. Main expeditionary force arrive in Lisdoonvarna.

Sat July 10 Third car-load of cavers arrive. Pyranine dye is put into two swallets, namely Poll-an-Ionain and Pollballygoonaun. Charcoal detectors positioned in suspected risings by EKT.

Sun July 11. Large caving party to Doolin (in at St Catherine's). Dye put in the sump below Echo Pot and a charcoal detector placed in Echo Sough (Lloyds Wallow of 1970).

Meanwhile, taking advantage of the drought, AGW JDW RAC CAS were driven to the Fergus River Cave prepared for a 6-hour trip. The objects were to finish the CRG Gd 5 survey of and around Acoustic Passage, and to push the Easter limit of Exploration. In April this was marked by a sump, from which a large stream had been pouring. It was now found to be dry. After a 5ft drop a horizontal bedding plane was followed for 130ft to an exceptionally tight squeeze. From here in a northerly direction to roof rose into a rift developed passage of magnificent proportions, 300ft in length. The end was a blank wall with a static sump pool at the bottom. Not to be deterred a tributary passage was then explored, ascending over 150 feet via some pretty avens and climbs. It finally became too tight; This was the No Mercy Series. Nine hours had by this time elapsed, so a retreat was called back to the entrance. For those unfamiliar with Fergus this involves a 2 hour flat-out crawl for the better part of 1 mile, and gives rise to the adjective "Fergoid" meaning low and nasty, base. However a further 2000 feet had been added to the cave's length. AGW

Mon July 12 EKT OCL performed surface investigations in the Rath-borny River area.

The rest of the party descended the Coolagh River Cave on a tourist trip. One member of the party dived Balcombs Pot with a mask, but did not reach bottom at 20 feet down. This needs investigation with a lung.

Tue July 13 OCL MGR AS RAC NJG descende Poulslva whence a through trip was made to Pollnagollum. OCL

JDW AB ND went back to Fergus (the only people who could face another trip there in so short a space of time). The survey of Accoustic Passage was completed, and with effort the whole of the new stuff of 2 days previous also. A 13-hr trip. JDW

AGW BMS CAS ATH meanwhile found Glen Curran Cave (in the Fergus River Cave drainage area) after fighting their way through thorn bushes looking for it. The end, a blockage of fine silt and earth was dug for several hours, making 30 feet of progress, until the conditions became impossible. Some scientific observations were made on the cave. AGW

Wed July 14 JDW AGW RAC CAS ATH BS descended B11 (Poulmagun - Hole of the Hound). RAC was to dive the upstream sump while the others attempted to push the downstream choke. The B11 streamway probably forms part of the elusive Coolagh River Cave down stream from the CRC itself (see UBSS Proc 12.3 - Cave Notes). RAC had no joy in the sump, which was static, very cold, and allowing 1 ft visibility. A chert floor with pots in it provided two means of attack - above and below. Neither way went very far before blocking. The boulder choke party had a similar amount of success. RAC.

OCL meanwhile, accompanied by EKT, was diving two coastal resurgence pools at Polldoody (near Ballyvaughn). Although fresh water was emerging from sub-marine shakeholes, there was no way in at the bottom. However a magnificent mussel bed was discovered; this was later to be a god-send to the student body of the expedition.

In the evening MGR AS RAC ventured down Poll-an-Ionain to see the famous 40ft stalactite; neither of the party thought the 500ft crawl to get there was worth the effort! MGR.

Thurs July 15 A lazy day spent tearing around changing the charcoal detectors.

Fri July 16. OCL BMS CAS ND down Doolin with 3 objectives.

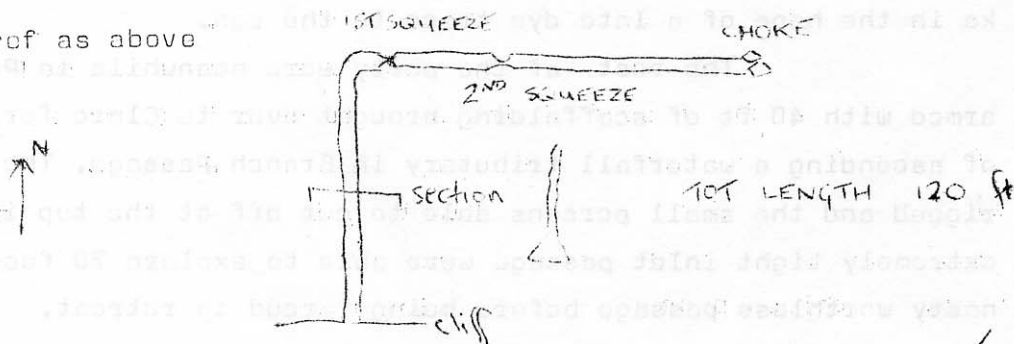
- a) to push a connection between Echo Passage & Gt Oxbow Grotto
 - b) to tie in the survey of Echo Passage with the Gt Oxbow Grotto
 - c) to locate and correct an obvious error in the Echo Pot survey.
- All three objectives were achieved; the connection is only a few feet long, with stalactites in the middle.

OCL

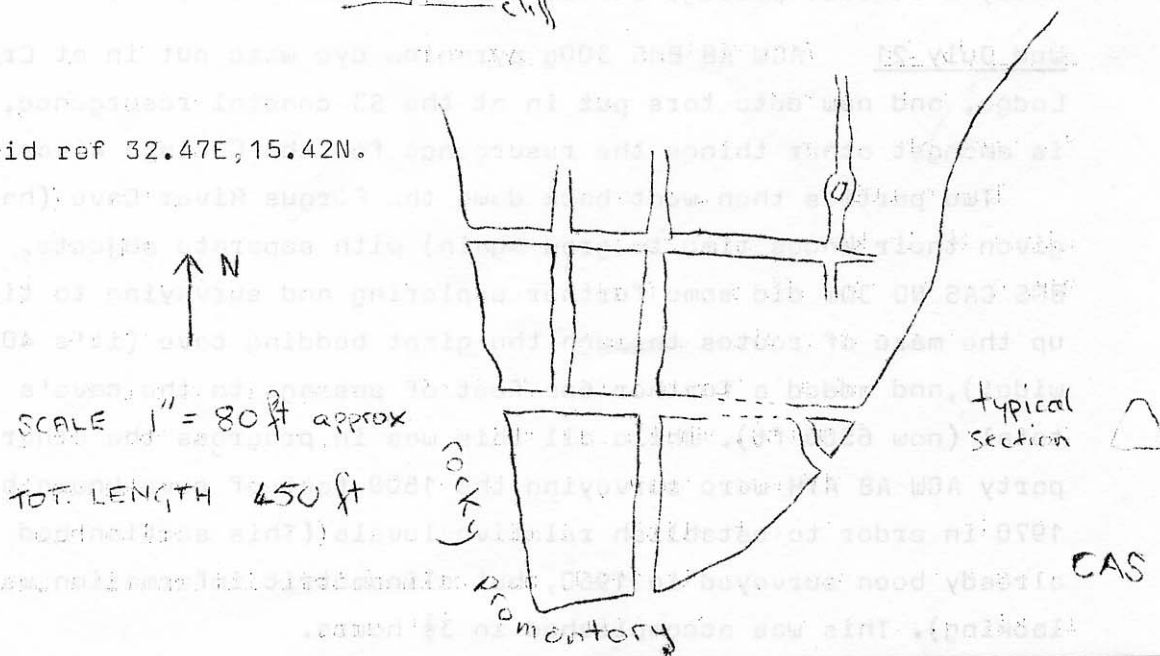
Sat July 17 On the IOS map 6" Clare shoot 5, at co-ordinates 31.75E and 14.81N are marked two locations of "Cave". OCL AGW MGR AS CAS JDW NJG set off to investigate these. They have been initially named the "Three Mile Cave complexes", not because they are 3 miles long, but due to the fact that they are 2 miles from one road and one mile from the other, making 3 miles in all!

Rough surveys follow:

Grid ref as above



Grid ref 32.47E, 15.42N.



The second of these is very un-usual, being a phreatically developed network; no other example exists in Clare to date.

Sun July 18 MGR AS CAS AGW NJG JDW on a 2-hr "idiot trip" to Cullnau 2. Some members went underground in the full protective clothing of their birthday suits; others wore the more traditional wet suits (and warmer too). The pitch at the end was ably free-climbed by most.

Mon Jul 19 OCL CAS AS MGR NJG went up to Pollnagollum to clear the artificial blockage from the Shaft Gallery exit.

EKT met up with the local postman for a guided tour of sites of interest (hydro- and geomorpho-logically).

Tue July 20 AGW EKT recovered the next set of charcoal bags from the various resurgences, and then wandered up the coast looking for a cave relic on the waterline found last year. This has been denoted the code S6, and is in the townland Derreen West. Fluorescein was then put in the small stream descending Faunarooska in the hope of a late dye trace to the sea.

The rest of the party were meanwhile in Pollnagollum armed with 40 ft of scaffolding brought over to Clare for the purpose of ascending a waterfall tributary in Branch Passage. The pole was rigged and the small persons able to get off at the top into an extremely tight inlet passage were able to explore 70 feet of nasty worthless passage before being forced to retreat.

Wed July 21 AGW AB BMS 300g pyranine dye were put in at Crogg Lodge, and new detectors put in at the S3 coastal resurgence, which is amongst other things the resurgence for the Coolagh River.

Two parties then went back down the Fergus River Cave (having given their knees time to grow again) with separate objects. BMS CAS ND JDW did some further exploring and surveying to tidy up the maze of routes through the giant bedding cave (it's 400 ft wide!), and added a further 600 feet of passage to the cave's total (now 6500 ft). While all this was in progress the other party AGW AB ATH were surveying the 1500 feet of cave known before 1970 in order to establish relative levels (This section had already been surveyed in 1960, but clinometric information was lacking). This was accomplished in $3\frac{1}{2}$ hours.

On the same day OCL solo-ed down Doolin to collect the charcoal bag from Echo Sough.

Thur 22 July OCL AGW NJC JDW walked up the East side of Slieve Elva to investigate the swallet EO-1; but flies and midges were not favourable conditions for digging, which ceased after $\frac{1}{4}$ hour.

ATH BMS AB CAS ND went back to B11 to have another go at the terminal boulder choke with a crowbar, but to no avail.

Fri 23 July. Two car loads left Lisdoonvarna for home, leaving only EKT AGW JDW. The three walked up the coast and found a new coastal resurgence at Poulavard (S7). Thence to the Pollballiny depression where JDW thrutched up the Hawthorn Swallet rising, AGW meantime baling like fury (1022 bucketfuls) to keep the water level low enough. JDW only managed to penetrate for 25 ft. Thence the party drove to Cregg Lodge for some Geographical leveling of the 1968 flood levels in relation to certain swallets and cols.

Sat 24 July Observations were made on the resurgence of the Coolagh at S3, and some photographic records taken. Heavy rain started to fall (the **first** for 10 weeks) and continued lightly until the party left a couple of days later. It was not heavy enough to cause a flood (unfortunately).

Sun 25 July. It will be remembered that the Easter UBSS Clare party broke 2 records in one day at Fisherstreet; the **first** was when EKT smashed the age record (over 70) for the St Catherines-Doolin through trip; and the second, in the bar afterwards, was when EKT engaged in the longest handshake ever with one of the locals.

More records were attempted on this (the last) day of the expedition. Firstly AGW and JDW halved the St C's-Doolin through trip time to 50 minutes (EKT as official time keeper). After a suitable amount of liquid celebration JDW then broke the record for the descent of Pollnagollum pot - 2 seconds, by falling down it. Unhurt, he and AGW then spent time exploring the upper levels of the Shaft Gallery canyon looking for a non-existent bedding cave.

Mon 26 July. The last of the charcoal detectors were collected, the car packed, and the long haul started back to Bristol.

Water tracing results:

Ballygoonaun had a very weak positive trace to the Fergus River; only one of the two bags showed positive, and this was only (by fluorimetry) just detectable.

Poll-an-Ionain was also very weakly traced to the Coolagh Resurgence (S3).

Both these results need to be repeated under more favourable conditions for confirmation. The Echo trace in Doolin was negative, as were the Cregg Lodge tests and the Faunarooska trace.

Exploration

This aspect of the expedition was again successful. Fergus was as completely explored as possible without a bottle, and the survey completed. B11 unfortunately was a no-go, as this seemed the last hope of getting into the downstream section of the Coolagh River. Even in B11 there is still about 200 ft to drop to sea level, and $1\frac{1}{2}$ miles to go as the crow flies.

Acknowledgments

The student body wish to extend their thanks to Prof Tratman and Dr Lloyd for keeping the party well lubricated. Everyone was caught out by the vastly increased cost of living in Eire, and had it not been for the mussels we would all have gone hungry when the money ran out after ten days.

Expedition 1972

Adrian Wilkins is trying to organise an expedition to Northern Yugoslavia for 1972. Provisionally the dates are the last week of July and the first 3 weeks of August. The Ljubjana Karst Institute has been written to, and a strong diving bias is envisaged. The total cost (about £700-£750) will entail some degree of external financial support; even so the cost per person is likely to be £50 plus beer money. All those interested please give AGW your names before Xmas.