

4^dEVERY
FORTNIGHT

FELIX



No 121

IMPERIAL COLLEGE

FRIDAY MAY 23, 1958

PERU EXPEDITION
PLANNED

INTERIM GRANT AWARDED

At the beginning of next term an announcement will be made about submitting ideas to the Board for its consideration. The Exploration Society will be fully informed of all arrangements and it is hoped that Board and Society will be mutually complementary. Any enquiries can be addressed to Dr. P.F. Taylor of the Civil Engineering Department.

The Exploration Board has announced the award of an interim grant of £500 for a proposed expedition to Peru in the summer of 1959. The intention is that six people will visit the area around the Nudo de Apolo-bamba, near the Bolivian border, the objects being to explore, map and carry out glaciological investigations. Geoff Bratt, one of the 1957 Karakoram expedition, is among the organisers. The interim grant will enable planning to be started, but the final cost may well be in the region of £1000 even with considerable outside backing. Although, as a result, there will be no large sums available for other expeditions next year, it is hoped to do something for one or two small parties.

NEWS FLASH: JON STEPHENSON WILL GIVE A TALK ON ANTARCTICA ON JUNE 12th.

THREE EXPEDITIONS
THIS SUMMER

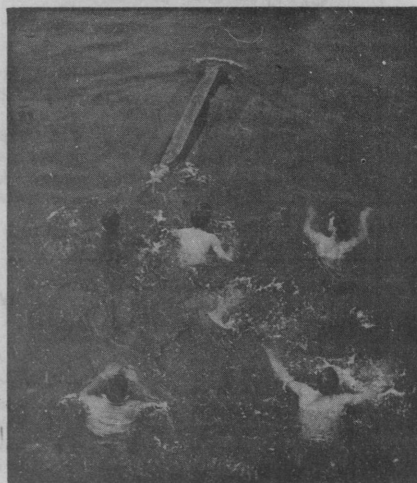
Provided that sufficient good schemes are suggested, the principal limitation is that of finding enough money to pay for expeditions. Following upon the generous donations given to the Board by the Governing Body and the Union to launch the 1957 Karakoram Expedition, they have now given us annual grants of £1000 and £200 respectively. This enables us to think ahead a little and the general policy which has emerged is that we shall be in a position to mount major expeditions every three or four years, giving more limited support to small well-balanced scientific expeditions in the intervening years. If we are lucky then major expeditions can occur more frequently. This is an "in between" year, but we have nevertheless made grants to enable expeditions to go to Ghana, Iceland and Norway.

The Ghana Expedition will be a follow-up of the successful one last year. The party of from six to eight third year botanists and zoologists will be led by Bob Starrock and will be away for three months. By making economies, mainly in travelling expenses, this year's expedition will only cost a little over half as much as last year's. The Board has given a grant of £500 and a number of other substantial grants have been received from interested outside organisations. The expedition will be based in the Bobiri Reserve near Kumasi and will study problems relating to the breakdown of dead vegetable matter in tropical conditions, some of the lesser known cocoa diseases and potential carriers of Bilharsia. They are taking a cine-camera and hope to make a film about their work and surroundings.

The Iceland Expedition is differently constituted, its interests being geology and surveying. It will be led by Dr. George Walker (Geology) and will consist of nine persons drawn from several departments: it will be away for about ten weeks. The geologists will work on the Kirkjofal peninsula, on the east coast of Iceland, where the base camp will be situated. From there the rest of the party will range up and down the east coast levelling the raised beaches which occur along the fjords. The Board gave this expedition a grant of £150 and it has been generously supported by the Royal Geographical Society and the Everest Foundation.

Botanists and zoologists seem to be particularly active in the exploration.

Continued on page 4 . . .



The Water-babies

GUILDS ELECT OFFICERS

On Thursday May 13th C. & G. held their Annual General Meeting, graced by the presence of old man Chadwick himself, followed by the Field Cup Race. The main item on the Agenda was the election of officers for next session. For the first time in three years there were two nominations for the Presidency, Dave Clark (Aero.) being elected in a fairly even fight against George Martin. The others officers for 1958-59 are:

Vice-President . . . Jon Blok
Hon. Sec. . . . Colin French
Hon. Jun. Treas. . . Pat Bruce
I.C. Council
Rep. . . . Marian Bianeck

The elections were followed by the President's report on the elections, reviewing C. & G.'s success in both sporting and social fields.

John Sheldon then gave details of the Field Cup Race. It was to be a two legged treasure hunt; logs were to be used, being more expendable than the boats which generally had to be found by Asdic when the chaos ensuing from this annual sport race had subsided. The first object to be retrieved, floating somewhere in the Serpentine would give a clue to the second object. They must then be transported to Guilds and the winning department would be rewarded with a crate of beer and the cup.

Later, a mortally afflicted, and uncontrollably twitching Guildsman took occasion to draw the President's attention to a malignant disease which was rampaging through the first floor of the Hostel. Mr. Mike Gorb, with one leg horizontal, his eyes rolling and with palpitating bosom, declared that he had successfully overcome the malady.

The A.G.M. was terminated by an harmonious rendering of "Boomalaka."

AEROS WIN FIELD CUP

The teams assembled in Exhibition Road and were sent away from a short shot from Sheldon. The swimming teams and logs were soon afloat - the Chemicals, last year's winners, did a neat flanking movement and were first ashore only to face a fierce onslaught from the other departments.

The Aeros, unobserved, got theirs to President-Elect Dave Clark who took flight to the Albert Memorial and presented it to a waiting motor-bike. The second object hidden around the Memorial had already been taken to Guilds - the Aeros had won.

A scroll was presented to them and appropriately, together with the two objects, was suspended from an H-filled balloon and released into the upper atmosphere by Miss Hilary Matthews of the Mech. Eng. department.



PROFILE



TED SMITH

On April 1st, 1927, Mr. L.E. Smith - "Ted" - took up his duties as I.C. barman, in succession to Rosy, the barmaid. He had previously been a butler valet and, finding his work completely new and strange, he thought he wouldn't last a week. Now, thirty-one years later, he is due to retire after long and honourable service.

The price-list on Ted's first day makes thirsty reading:-

Beer	6d. per pint
Whisky	8d. a tot
Brandy	10d.
Sherry	8d.
Champagne	13/0d. to 18/0d. a bottle

and Best Jamaican cigars a bob!

Things are rather different now but Ted finds that I.C.'s prodigious thirst is unaffected by the rising cost of living.

Being barman has been far more to Ted than just a job. It has been a vocation, a hobby of great interest. He has kept in touch with many old students and looks after the visitors' books and records of the various old students' reunion clubs with pride and pleasure. He has an uncanny memory for old students' faces. Frequently he has recognized them after more than twenty years absence and unerringly produces the right pot. He considers the proudest moment of his life to have been when elected an Honorary Life member of Imperial College Union, last year.

Ted has served many famous people in the I.C. Bar. General Smuts was once adorned with the Bull Club chain (yet to be allotted a place in the new bar) and had to buy drinks all round. The Springbok's Rugby Team of 1952, Lawrence of Arabia, the Earl of Athlone, H.G.Wells, Sir William Penney (who used to play outside right for I.C.), Lord Claud Hamilton (equerry to Queen Mary), Lord Dawson of Penn and Tiger Tensing have all patronised the I.C. Bar. So too have Stanley Holloway, Arthur Askey and the Western Brothers, who appeared in pre-war Guilds Carnival cabarets!

Ted also remembers the days when the local police were frequent friendly visitors to the bar, for darts matches and other occasions. November 5th, 1949, ended all that - you can still see the soars of I.C.'s fire in front of Albert - but Ted remembers when a fierce Irish meeting was taking place in the Albert Hall and the whole of the Hall and Prince Consort Road were barred by mounted police. No-one was allowed through except Ted, who

was given a special mounted police escort by a sergeant who recognized him, having enjoyed many good evenings in the college bar.

Ted recalls, rather wistfully it would seem, the pre-war days when the whole of I.C. consisted of about 800 students. Residents assembled in the front hall to dine together at 7 p.m. every night, led in by the warden. Latecomers had to eat at a side-table and no-one was allowed in refectories without a collar, tie and jacket.

During the war Ted could not enter his own bar without a military permit, renewed monthly, as the hostel and Union were taken over by the military for eighteen months. Ted is proud to relate that many of his customers formed an I.C. company of the Home Guard and on May 13th, 1944, were in the King's Guard at Buckingham Palace.

Until Easter, 1954, Ted operated in the original bar situated where the cloakroom now resides. Although recalling the old bar with affection, Ted finds the same homely atmosphere in the new one which he describes as splendid in every way. He and Charles Bristow were the last to leave the old bar on the famous Last Night, which only a few current students can now remember.

If most of this article seems to be concerned with life and events at I.C. more than about Ted, it is because Ted has always been so much a part of I.C. life and I.C. life has always meant so much to Ted. He loves talking about I.C. and reminiscing on his experiences here but is much more reticent about himself. However, we did discover that he served for six years in the army, 1914-20, and in 1921 received a letter from the War office asking him why he had never joined up! Ted has been an ardent supporter of Chelsea for fifty years, rarely missing a home game.

Ted and Mrs. Smith plan, eventually, to move from their present home near Victoria to somewhere on the coast. They will take with them the very best wishes of many Imperial College students, past and present, for a long, happy and well-earned retirement.

I.C. will not be the same place without you, Ted. Au revoir, good luck and many thanks for your immeasurably large services to Imperial College Union over many years.

CHINESE EVENING

The Chinese Society made their first mark on College life on May 2nd when they provided some very good entertainment in the form of a Chinese Evening. A lot of hard work was put into this venture by a Club which has been in existence only a few months.

Starting with the inevitable films the evening continued with a talk on Chinese Art by a prominent Chinese painter. Watched by an audience of 200, his wife then gave a skilful demonstration.

In the interval I.C. was introduced to Chinese cooking - Mr. Mooney please note and provide chop sticks. After the food had disappeared, washed down by China tea, there followed entertainment from the stage, Miss Leung excelling as a dancer and pianist, and a redoubtable conjurer producing some exceedingly fiendish tricks.

NEW FURNITURE FOR SNACK BAR

At the Council meeting on May 15th, Dr. Weale presented the financial statement, which showed a balance in hand of £389. The President, who had devoted much thought to this matter, pointed out that the furniture in the Snack Bar was in dire need of replacement. The College had estimated the cost of doing this at £400, but seemed to be hesitating at the prospect of spending this sum (although the new blue Formica counter top had cost about £250). Accordingly he proposed that the Union should contribute £200 towards new furniture, which would be similar to that installed at Harlington this year. The proposal was carried.

The Bookstall Committee will shortly submit to the Rector its recommendations for the future bookstall on the island site. These include a fitting room, a large notice-board for the advertisement of second-hand books, and a barber's shop stocking toilet requisites. Tobacco and cigarettes would be carried, but not confectionery, and no more sporting goods than at present.

It was announced that the grand piano now in the Guilds Council Room will be transferred to 178, Queen's Gate when its present home is demolished. Accordingly it will not be necessary to hold lunch-time recitals and Antony Hopkins' lectures in the Concert Hall, as was feared at one time.

There will be a meeting of the I.C. Union on June 10th.

ANGST AND ANGER

The recent Touchstone weekend led by Mr. Ormerod Greenwood took as its title "Angst and Anger." The discussions revolved around two books "The Unquiet Grave" by Palinurus (Cyril Connolly) and "Look Back in Anger" by John Osborne. In his introduction Mr. Greenwood showed us something of the background of the two writers, how the former had had been to Eton whereas Osborne had been at a state school and was largely self-educated. Connolly, born in 1903, shared similar views to W.H. Auden and had a mature outlook on life; Osborne, on the other hand, tended to be rather of the angry young man complex. These opposing upbringings and outlooks showed themselves in their writings.

In the discussion that followed five pairs of contrasting ideas from the two books were considered. Each pair concerned an essentially similar subject, and Mr. Greenwood asked questions to suit each subject. Firstly we were asked to define civilisation and to express our attitude to it. This produced many interesting arguments, ranging from the historical spread of civilisation from one country to another to the belief that civilisation only occurred if the natives of that particular country believed themselves to be civilised. Could the ancient Egyptians really be considered civilised since their system of government was as undemocratic as possible? Discussion rambled over many allied questions; by and large no good definition was reached. General discussion on religion also developed in reply to another question, but it was on the subject of marriage that opinions ran rife. The Medical Research Council's views on pre-marital promiscuity were quoted time and time again, and much discussion took place on the moral and social implication of such behaviour.



CARNIVAL CAPERS

For the first time I.C. has shown interest in the W.U.S. Carnival. The publicity parade, in Piccadilly and the pyjama party were reported in our last issue and was the only pre-Carnival publicity from the University, (Sennet of course said there was none).

Be, Jez, Clem and the I.C. Jazz Band participated in the procession immediately preceding the Carnival, but were dwarfed by elaborately designed floats from other colleges. I.C. provided a number of side shows, one of the most popular being the "Chad-ducking tank". Some enterprising Miners went around measuring the height of ladies' hemlines from the ground; the Bedford Beau, officiating at this show was later auctioned for sixpence by the Bedford President. In the cacophony of the Jazz Band contest, I.C. came second to Q.M.C. - at one time no fewer than five jazz bands were playing simultaneously, not to mention the West Indian Steel Band.

The verdict? A little chaotic without a doubt. I.C. took an active part in this show and have sufficient enthusiasm to do wonders next year. It would be heartening for I.C. to regard the W.U.S. Carnival in the same light as C. & G. regard the Lord Mayor's Show.

COLONEL LOWRY

On June 6th the Union is giving a dinner in honour of Colonel Lowry, who recently gave up his post as Clerk to the Governors. Colonel Lowry has always had very close connections with the Union and is known to generations of students. Before the war he was Warden of the Hostel, and after the war he was Warden of Selkirk Hall for a time.

Colonel Lowry joined the administrative staff in 1923, and became Clerk to the Governors in 1934. In 1953 he was awarded the O.B.E. for his services to the College, which include tipping Derby winners. Always on the scene at Morphy Day and Sports Day, he recently distinguished himself at the latter occasion by winning the staff race. He is 64.

While there have been but two Clerks to the Governors, Colonel Lowry is the only one known to have climbed a lamp post in Prince Consort Rd., another of his past-times at which eye-witnesses report considerable aptitude. The College will not lose him completely as he is doing some research into the records, and it is hoped that a book may be forthcoming as a result.



Another winner for Colonel Lowry, with Sparkes flying close behind.

SILWOOD

The Annual Country House Ball was held on Friday 16th May at Silwood Park. All tickets having been sold, two coaches left the Union at 9.0 followed by private vehicles. Soon after arrival Mr. Butters and his partner began the dancing. The band, known as the Skyliners net of the usual high standard, played from 10.0 p.m. till 5.0 a.m. with but one short break. The small dance hall was always full, partly due to the cold night air, some

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dancers overflowing into the library and rooms off the hall. The dancers were able to rest in the seats round the balcony above the hall and observe below, the more energetic guests. The afternoon had been very blustery but by 12.0 as the guests walked across to the refectory, the sky was clear. The refreshments were plentiful but might have been more delicate.

The bar stayed open until 3.0 aided by a smart white coated waiter who skilfully collected all empty glasses. Mr. Andy Matthews also lent an air of refinement in his smooth announcement of the dances, overcoming a faulty microphone. During the evening Mr. Butters proposed a vote of thanks to Mr. E. Warwicker Chairman of Entertainments for the arrangements of the evening, which were fully appreciated. About 4.0 it was light enough to appreciate the beauty of the scenery round Silwood Park, even though it was slightly marred by a 'parked' car in a field far from the drive. Dancing continued to records until the coaches left at 6.0. As the coaches passed by Virginia Water, the passengers were treated to the sight of the early morning sun shining on the waters, a befitting end to a wonderful evening.

The success of the ball confirms that I.C. can produce dances worthy of a dignified Country House, and not only hops reminiscent of a cattle market.

S.E.W.



SEND NO MONEY

If you are leaving College this year, why not keep in touch by means of FELIX? For only 8/6 a year you can receive every fortnight the very latest news of I.C. goings-on. Join the many other old students all over the world who already avail themselves of this service. Send no money now. Simply fill in the form below, giving your name and the address to which your copies should be sent, and leave it in the Union rack.

TO THE SECRETARY, FELIX BOARD

Please send me FELIX throughout next session. My subscription (8/6)

will follow.

Name:

Address:

(Block Capitals Please)

RESTRICTIVE PRACTICE

Some first-year Zoologists have recently encountered a restrictive practice on the part of one of their lecturers, Mrs. L.E. Brown. On May 13th some of them were apparently insufficiently punctual in returning to the lab. for a practical class, and they were asked to sign a sheet of paper and state their times of arrival. The majority having given this as 2 o'clock, Mrs. Brown then inserted the correct times, which she had carefully noted, and made them sign to these.

The remedy for this situation is obvious. Mrs. Brown should be made to write out two thousand times: "I.C. is a University, not a school."

MAU SECOURS

OYEZ! OYEZ! Let all ye men of herea bouts take heed that we of ICWA are up in arms. OYEZ! Come forth, ye gallants of I.C. and defend thy supremacy at ye ancient and right traditional game known hitherto to ye as CRICKET. Hereby take heed that should ye fail to prove thyself before us, the noble sport shall from that very time rejoice under ye appellation of CRICKETTE.

Knights and ladies desirous of witnessing this joust may mount upon ye coach which departeth ye Union at five of ye afternoon of Thursday approaching, to wit ye twenty-ninth of May, for ye adjacent hamlet of Harlington, there to provide ye support of mouth and hand for thy champions.

BAN THE BOMB

About 100 people attended the meeting on May 8th arranged by the I.C. "Nuclear Disarmament Committee." Professor J.D. Bernal dealt with the hazards of nuclear weapons and the bickerings between the U.S.S.R. and the U.S.A.; Mr. Tanaka spoke on the views of Japanese students; and Ron Ledger M.P. discussed the moral issues.

Some lively discussion followed, Mr. Goodenough distinguishing himself by an exhibition of bad manners.

EDITOR:

PETER LEVIN



CIRCULATION

1500

THAT QUESTIONNAIRE

The response to the questionnaire in our last issue was rather mixed. While the number returned (150) hardly permits of a statistical analysis, the replies do give a reasonable indication of the overall state of affairs and provide some interesting comparisons between departments.

"Do you consider that I.C. provides the right type of education?" Yes - 53; Yes, a good scientific and technological training - 21; No - 62. The Civil Engineers were the most satisfied and the Physicists the least. Of those who replied in the negative, 59 felt strongly enough to give a definite "No" to question 5: "Would you recommend anyone to take the degree course in your department?" The Physics and Chemistry departments showed clear majorities against recommendation, and a similar trend was apparent among the Aero Engineers.

"Would you like to see more attention paid to the quality of the teaching?" Yes - 121; No - 23. The most common reservation: "Lecturing is wanted, not teaching - go to a polytechnic for that." The department of Electrical Engineering singled out professors for criticism, and was the only one to do so.

"Do lecturers take sufficient interest in your work?" Yes, on the whole - 47; No - 73. Only one Physicist in five was satisfied, and only one Mechanical Engineer in three. "Would more personal contact be desirable?" Yes - 104; No - 21. By far the happiest departments in this respect were Mathematics and Geology, especially the latter: "The classes are small and a friendly atmosphere prevails between students and staff. Field trips encourage this as they provide an opportunity for exchange of views on topics of all kinds." Several of those who approved the principle of more personal contact were sceptical as to its usefulness. "A good tutoring system calls for good tutors - more contact with this lot is useless." One first-year Physicist had had no tutorials this year. Tutors whose knowledge appeared restricted to their research and tutors who showed no personal interest occurred in most departments.

"Does your department tend to discourage participation in College activities?" Yes - 31; Yes, by virtue of the quantity of work expected - 12; No - 103. The outstanding department was that of Chemistry, where only three out of seventeen felt that other activities were not discouraged. Some departments in Guilds reported positive encouragement, notably Mechanical Engineering.

Complaints of "cramming" and an excessively large syllabus came chiefly from Civil Engineers and Chemists. There was a total of 20 requests for a four-year course.

CONCLUSIONS

In drawing any conclusions from the results of this questionnaire it must be borne in mind that those who find fault with the present system are more likely to have replied. Nevertheless, the fact that there are 120 people in this College who think that something ought to be done about the teaching and 60 who would not recommend their courses, can give no grounds for complacency. What is the remedy?

On 20 questionnaires were comments that students lacked initiative: "The training at I.C. is good, and the facilities for students to educate themselves are very good." This criticism is perhaps justifiable. 104 students think that more personal contact would be desirable; is it really so difficult to make that contact? Could not our untutored Physicist have got up and done something about his position? The answer to this seems to lie in the general opinion of the quality of the teaching. When five students in six think that the teaching is not all it should be, it is hardly likely that they will be stimulated to seek any closer contact.

There would therefore seem to be a case for bringing to I.C. men whose vocation is university teaching, as distinct from academic research, but this will call for students with the will and mental ability to take full advantage of such a stimulus. Of course, there will always be some who will content themselves with the word-perfect memorising of lecture notes, and a radical overhaul of the selection system will be needed to ensure that a minimum number of these get here in the first place. At the other end, a radical overhauling of the system of awarding degrees will be needed to ensure that the right men get them.

This is the last FELIX of the session, and my last as Editor. It has been my privilege to work with an extremely energetic and efficient Board, who have made every effort to bring you complete coverage of all "news, views and topics of the moment." Next session the blue pencil will be wielded by R.F. Kerrod (Board of Studies permitting, of course). His ability being undoubted, I shall wish him the luck to go with it and look forward especially to some scintillating editorials.

Staff this session:

Fred Peacock, Ian Plummer, Jim Carter, Peter S. Smith, John K. Taylor, "Killer" Kerrod, Susan Coombs, John Sellers, Paul Porgess, Jim Littler, Bob Browning, Bruce Cozens, David Irving (courtesy Phoenix), John Murray, Ulric Wickhardt, Mike Gorb, Sheenagh Wallace, Iris Dickinson.

ELECTION RESULTS

ICWA

President Gill Tilden-Smith
(Independent)
Secretary Ann-Magret Radford
Entertainments
Officer Susan Coombs

RCS

President Peter Kassler
Vice-President Phil Emerson
Exploration Board
Representative Keir Hopkins

We thank the anonymous compiler of the following FELIX STAFF QUESTIONNAIRE. It will be circulated in due course.

1. Do you consider that the Students of Imperial College are fitted for any type of higher Education?
2. Would you like to see more attention paid to your teaching?
3. Do Students take any interest in your work?
4. Do the Students in your Department tend to discourage you?
5. Could you recommend any Student in your Department for a Degree?

Comments:

(May 1958) Coarse.....Year.....

THREE EXPEDITIONS THIS SUMMER

. . . continued from page 1.

tion field this year. Nine from the second year, led by J. Etherington, have organised the Norway Expedition. It will work near the head of Osa Fjord where the zoologists will study the Fauna of glacier-fed streams. The botanists plan to investigate the non-random distribution of dominant species in uniform plant communities as well as collecting. This expedition, which will be away for six weeks, has been given a grant of £175 by the Board.

P.F.T.

Personal Advertisements

WANTED: Room or flat for party night of June 26th. Invitation and/or cash settlement. Contact R.K.M. Johnstone per Guilds rack.

Applications are invited for positions on the FELIX Board for next session. All those interested are invited to get in touch with the Editor, per Union Rack.

FOR SALE: 500 cc NORTON ES2, New Main Bearings, big and small end, prim chain, silencer battery etc. Excellent condition.

£67 o.n.o.

Contact V.Iutz through Union or Chem. Eng. rack.

FOR SALE: 1932 MORRIS MINOR

2 Seater Tourer,
good tyres, £25 o.n.o.
brakes,
etc.

Contact F. PEACOCK through Union rack or Int. Tel. 875

SHEER POETRY

Sir,

I feel bound to thank Mr. Goodenough for crystallising the rather nebulous illusions of grandeur that provide many of us with an inexpensive substitute for alcohol, but I hope he will forgive a few comments on an idea that is I admit basically sound.

Firstly, he is perhaps a little too intolerant of the barbarism around him. Surely it speaks well for his inferiors that some of them have at least become conscious of their social and moral inferiority. Mr. Goodenough should try to overcome his natural repugnance and attempt to improve the people he has no wish to know in their present state: perhaps this is his vocation. There is something Promethean in the splendid isolation in which he suffers.

Then there is the problem of admission to the Upper - or, of course, Right - Union. Our forebears may have been able to buy civilisation as Mr. Goodenough would like to do with his proposed higher subscription - my own forebears failed while his presumably succeeded: this generation is less fortunate. The Upper Union would soon be full of utter parvenus. I would suggest an accent test were it not for the fact that my own, Southend-Greenslade, might exclude me. Probably personal recommendation is the safest way. Perhaps we may hope that in due course Westcliff-Imperial-Upper union will become second only to Eton-Balliol-Atheneum as a key to the Establishment.

Whether the U.U. (Are you/Too/U?) would in fact enable us to avoid being annoyed by the more brutal seems doubtful, because if I know the more brutal they are likely to persecute the U.U. (Oh, boy!) even more than they persecute its prospective members. The beasts!

Yours extremely sincerely,

Fred Wheeler.

NUCLEAR DISARMAMENT

Dear Sir,

Whilst feeling ran very high with regard to the 'Ban the Bomb' meeting, I consider it deplorable that 'educated' people found it necessary to tear down the notices.

An act even more deplorable was that of a prominent Union official who approached members of the Hockey Club after their Annual Dinner last Thursday and endeavoured to persuade them to interfere with the meeting.

Whatever one's shade of opinion may be, it would seem reprehensible to apply such methods.

Yours sincerely,

B. Marshall.

Dear Sir,

As an attempt to publicise the meeting on Nuclear Disarmament last week, posters were put up in the Union and around College. In addition, a personal letter was posted in the College Racks for each individual member of I.C. Most of the posters were ripped down and few of the letters reached the people to whom they were addressed.

LETTERS TO THE EDITOR

This, presumably, is the work of some unknown extremist in the College, to whom personal liberty means very little. (For this is indeed a breach of individual liberty and free expression.)

However, as a result of this certain members of the Union executive were informed and asked to investigate the matter. Surprisingly enough these individuals seemed reconciled to the state of affairs and were very reluctant to investigate further. While members of the Union executive may not agree with the aims of the meeting, should such a serious matter as the theft of letters from racks and the general suppression of individual initiative (which I.C. badly needs) be left to go unnoticed?

Yours sincerely,

Peter Smith.

Dear Sir,

May I, with your permission, take this opportunity of expressing my contempt and disgust at the base way in which certain political factions are selfishly exploiting a great many thinking moralists. I am aware that I am not alone in these thoughts and I hope this letter expresses the feelings of many more people.

In your last issue my name appeared on a list attached to a letter concerning nuclear disarmament. I was assured that the so-called nuclear disarmament committee was purely a non-official and non-political organisation, but once more the inevitable happens, for some members of the committee have attached it to the Socialist Society, not, say, the Debating Society. As a former Chairman of the S.C.C. I must point out that, as should be the case, there has been no mention of the Socialist Society on any notices or illegal circulars which have been distributed around the Union.

My reasons for supporting nuclear disarmament are philosophical and personal, not political, and I am prepared to discuss them with anybody privately. To be consistent with my views I would sooner die in a nuclear war than allow any political faction at all to achieve another quite different aim by attaching itself to this MORAL question. To say 'ban the H-bomb' for myself is merely to assert the freedom of the individual to live as he wishes for the common freedom of human life. To attach this question to any political party or 'cause' is to negate that freedom.

I wish, formally, to renounce all connection with the I.C. "Nuclear Disarmament Committee."

I am, sir, your obedient servant,

A.M. Hodgson.

MINES NIGHT

Dear Sir,

I deplore your unwarranted comment which appeared on the front page of the last issue of FELIX, stating that it is unlikely that there will be any further Mines Nights.

Since the organisers of this event, the Royal School of Mines, have made no announcement to this effect, you have no grounds for printing such a suggestion.

Yours faithfully,

P.W.G. Wallace.

(President R.S.M.)

Dear Sir,

With reference to the complaint made by the President of R.S.M. I would point out that the announcement was inserted by me and not intended to be anonymous.

The organisation of this event does not, in fact, lie entirely with the R.S.M. as it is held only at the invitation of the Dramatic Society. This is because the Society has to make special arrangements for a Mines Night, which must not be a licensed performance.

I can only reaffirm my previous announcement; it is unlikely that there will be further Mines Nights.

Yours faithfully,

L.J. Sweett.

(President I.C.D.S.)

PROF. TAKES MICKEY OUT OF PARLIAMENT

The A.G.M. of the Huxley Society took place on Tuesday May 13th. Professor G.O. Jones, of the Physics department at Q.M.C., gave a thought-provoking address on "Moral Problems in a Scientific Age."

Professor Jones pointed out that moral problems are different in a scientific age and questioned whether technological advances necessarily benefit mankind. He cited the Sputnik, television and the H-bomb as examples of those which do not.

A problem for the scientist to-day is when to work on immoral things, and many students offer crude, almost sub-human arguments on this point. Science provides a model of honest thought, but unfortunately this model is not always followed. Professor Jones illustrated his point with an imaginary Parliamentary exchange on the topic of the House of Commons bath plug. The transition from this highly technical issue to the accusation of "fellow travelling" was painfully realistic.

In the lively discussion which followed points raised included the definition of "moral" and the problem of how to combat muddled thought.

Officers elected at the meeting were:-

President M.J. Amos
Treasurer E.A. Warwicker
Secretary A.L. Brookes
Assistant
Secretary D.E.H. Jones
Committee
Member R.D. Finch.

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PRESENT

HOW TO AVOID THE CALL-UP

As everyone knows, the resources of the Joint (Recruiting Board) are at the present time pitted against those students who have hitherto evaded the perils of National Service. In order to lessen the odds we present this exclusive guide to the methods of beating the army without actually resorting to warfare. This summary has been prepared from the documents of the Government itself.

There is one, and only one, way in which a man can completely free himself of National Service obligations and that is to fail the medical. Unfortunately it is not normally possible to apply for a medical without making oneself liable for immediate call up if found medically fit, and so this is a gamble for very high stakes indeed. However, in cases where failure seems certain a medical can be arranged without obligation (that is, even if you have already obtained deferment) provided you can get your doctor to support your claim. This is well worth doing and if you think there is any chance of it happening to you go and have a chat with your doctor - there's nothing to lose and all to gain. Remember you don't have to be a cripple - just Grade 3.

Almost as good is indefinite deferment. The snag here is that the graduate must remain in a position for which indefinite deferment is granted until he reaches the ripe old age of 26. Comparative safety is afforded by certain Government posts in the Ministry of Supply, Admiralty, Atomic Energy Authority Establishments and the Colonial Office, also work on high-priority defence projects in industry. However, in these cases men without National Service obligations are usually recruited in preference to those who have. Those with a "First", or with a "Second" and a higher degree (M.Sc., Ph.D., etc.) are indefinitely deferred if they take up a position in the United Kingdom for which their qualifications are required. However, P.G. study or research may be done abroad if desired. School-teaching is open to science graduates and carries indefinite deferment but, in the case of Physics and Mathematics only, a first or second class Honours degree is required. There is no deferment for University or Technical College lectures. Agriculture and coalmining offer the only other opportunities.

Having exhausted all known ways of avoidance we come to deferment in its literal sense. It is important to note that you cannot stay at College until you are 26. Regulations clearly

state that deferment will not be granted for courses which end after the applicant's 26th birthday. Deferment is granted for Graduate Apprenticeships in Industry and for post graduate study or research at University. Those with pure science degrees who do Graduate apprenticeships must study part-time for the relevant professional qualifications (usually one day a week is granted for this).

Those who are thinking of fleeing the country should note that deferment can only be granted for government posts and certain post graduate courses abroad. Those who leave without telling anyone are liable for National Service in this country until they are old men of 36 and probably liable where they settle also.

We regret that we are unable to accept responsibility for the Ministry of Labour and National Service. But if you're wondering whether it's worth all the trouble - could you live on 4/6d. a day?

SMITH OF THE ANTARCTIC

Martin Smith (ex-Chem. Dept.) sailed last October for the Antarctic in the "John Biscoe." After a very interesting voyage, calling at the Falkland Islands and South Georgia, he arrived in January at the base in Grahamland where he will spend the next two years. He is working for the Falkland Island Dependencies Survey as a meteorologist, but much of his spare time is spent making a film about Antarctica.

Martin would be glad to receive letters from any of his friends at I.C. (especially Photo. Soc. and Mountaineering Club members). His address is:

Argentine Islands,
Grahamland,
via Port Stanley,
Falkland Islands,
South Atlantic.

Letters should be posted before the end of September, if they are to reach him on the next supply ship.

"And a word to the wise is enough" says the old saying.

NELSON

PROFILES

THE EDITOR

"All the world's a stage and all the men and women merely players." FELIX is the stage on which the news and views of I.C. are recorded and discussed. The Editor is our stage manager, and over the past year Peter Levin has carried out this task with great acumen. It might however be appropriate to question Shakespeare's words, for even though FELIX is produced by a happy team of workers, far more of each issue has been written and produced by Peter himself than is generally realised.

Editors too frequently have their exits and their entrances but Peter has held the stage for the record time of one year. Each Editor adds that little bit of something that makes FELIX a living organism. Having a facile wit is one requirement; a sense of responsibility is needed to balance this and in addition it is very essential to remain in a state of amity with the rest of the Board. Peter discovered this and repented after he had, in a light-hearted moment, sacked half the members of his staff.

One of his amusements, between FELICES, is said to be Electron Diffraction - pursued in the Chemical Engineering Department, and fortunately his enthusiasm for research is somewhat less erratic than his sleeping hours.

Far be it from us to enquire the reason but his hostel room is frequently a blaze of light at four in the morning and Lily, his bedder, has many times had her routine upset by not being able to tidy his room until midday. We would like to think that Peter was earnestly engaged upon his studies but the many occasions he has been seen immaculately dressed in the evenings force us to draw other conclusions.

A staunch critic of Union catering, he is becoming a proficient cook-sausage soup being his speciality. Originally a Physicist, his inventive powers have extended to an inductive earth for his radio, and visitors to Room 18 are likely to hang themselves on the twisted coils of wire trailing from the ceiling.

Not the least of his virtues and vices is a propensity for completely disarming remarks, most of the better ones being unfit for publication but losing none of their poignancy for being dropped quite irrelevantly into a conversation.

Of his sporting prowess little is known, but a recent vicious attack on the squash courts may testify to the intensity with which he tackles any new problem. The latest of these is Josephine (his scooter) with whose help he has been able to do much more personal reporting for FELIX beyond the bounds of the College. Within it he has penetrated to the farthest corners. The Rector cannot let slip a hint without FELIX being there to pick it up. Should an ICWarrior drop a clanger - FELIX is outside the door. The ear of FELIX is in Council, the eye of FELIX in the Planning Office, - and in all of these guises can the Editor be found.

But although you may not have noticed him listening, when his observations were stated in his Editorials you have read, you have commented, and some of you have even thought!

In conclusion the Editor wishes me to state that now the mantle of FELIX has fallen from him and there are one or two things he still wishes to do. He has every intention of living to 120.



THE GOOD OLD DAYS

Minutes of the meeting of the Royal College of Science Union held on Wednesday 25th 1904 in the Piccadilly Circus Station of the Great Northern, Piccadilly and Brompton Railway.

The meeting was declared open by the Hon. President, at 1. 31½ p.m. Present were 153 male, 3 female and 4 indeterminate members of R.C.S. A member of U.C.L. was found to be present, and was duly dispatched to Finsbury Park - less trousers.

The minutes of the last meeting were read and declared to be a peak of lies; they were duly signed by the President. There were no matters arising. Correspondence. There was one correspondent - he was ordered to pay costs. A letter had been received from Her Majesty's Government requesting that members of the Union did not use the Tower of the Imperial Institute for mountaineering practice, however, they were at liberty to shoot pigeons.

The President reported that a party of R.C.S. men had raided Kings College and aquired an unclothed female tailors dummy. This was to be christened Mary. A questioner from the platform asked why Mary was not on view, to which the President replied that "Unclothed ladies were not allowed on the Piccadilly Railway; only on the District Railway, because the presence of a nude could cause sparks to fly".

At this point cheers were called for to celebrate the relief of Mafeking.

A gentleman asked the advice of the President on a delicate matter. He had been accosted while walking down Park Lane, had arranged to go with the lady, but she had given him the slip. Please could the President tell him what to do as he now had 17

UNIVERSITY SOCCER

CAPTAIN AT I.C.

It has become a habit recently for U.C. or L.S.E. to provide the University Soccer Captain, but next season the honour goes to an I.C. man, B.R. James of Chem. Eng. Apart from bringing the distinction of University Soccer's top office to I.C. for the first time in 10 years James has had the unique honour of being elected at the end of only his first year.

Before coming up last October, James was Captain of the Welsh International Youth XI and there gained several caps. Throughout this session he has played regularly for the University XI at wing half and centre half and was awarded a Full Purple in March.

The College should be well represented at University level next season for, apart from James, it seems likely that Geoff. Moss, who has played in the last two matches for U.L. this season, will be the Purples' keeper. I.C. teams will make news as well, for they have six XI's in the League, outstripping U.C., L.S.E. and King's (4 each). As new entrants, I.C. V and VI will go in the bottom new Division where they will vie with such as L.S.E. IV, West Ham I and Northern Polytechnic I - the outcome will be interesting.



The ICWSC relay team before the Invitation Relay on Sports Day.

slips. The President replied that he could hold a jumble sale in Exhibition Road on the following Tuesday. The proceeds could be used for the R.C.S. Unmarried Mothers Comfort Fund.

From the floor came the proposal that the President should wear a pair of Bloomers at all Union meetings. After a little discussion the motion was carried by 159 - 1 (the President).

It was proposed that R.C.S. women should not be allowed to vote in the Presidential elections. There seemed to be a general feeling in favour of this, until Miss Ivy Tightbottom said that "If the motion is passed, the Mathematicians will have to wash their own shirts." With such an ultimatum, the Mathematicians capitulated and the motion was lost by 74 - 62 with 24 abstentions.

A need for a mascot in R.C.S. was discussed. There were many suggestions, most being impractical. However, one which brought popular support was that of a monkey. The President said that, as we had an Hon. Sec., a monkey was not necessary.

At this point a number of minor scuffles began to break out as R.C.S. began a battle with station staff. As the fight grew more general the President declared the meeting closed and left on a train for Hammersmith.

SWIMMING

In a recent match with Goldsmiths I.C. won both the swimming and polo convincingly. Although the swimming team were without Beckett, Piggott, and Hills, we won every race, with Harford and Loveman again showing excellent form. Our superiority was equally evident in the polo, in which we managed to score 4 goals, without reply, in a match which lasted only 5 minutes, compared with a normal game which lasts at least 20 minutes.

Results:

84 yds. Freestyle.	1. Harford.
	3. Cowen.
84 yds. Breaststroke.	1. Loveman.
	2. Hart (disqual.)
84 yds. Backstroke.	1. Harford.
	2. Spokes.
56 yds. Butterfly.	1. Loveman.
	2. Corrigan.
Medley Relay.	1. I.C.
Squadron Relay.	1. I.C.

I.C. 40 pts. Goldsmiths' 19 pts.

ICWSC

After an unsuccessful invitation relay at Sports Day, ICWSC redeemed itself at the University Champs. last Saturday.

I.C.W.S.C. is perhaps the most versatile sports club in the College. Having pursued hockey balls, squash balls, table tennis balls, netballs and badminton feathers during the winter terms, the club is now pursuing tennis balls, cricket balls, and a somewhat checkered course in athletics.

In the competition for the Sherwood Facter Cup I.C. came 3rd. being beaten by the School of Slavonic and East European Studies and by Wye College. In the straight Championships, ICWSC came 5th. out of 12 teams. This is no mean feat, when one remembers that ICWSC is one of the smallest women's sports clubs in the University, and that none of its members profess to be highly skilled athletes.

Our achievements are largely due to Maureen Baser, who finished 2nd. in the 440 yds. and 880 yds. and was a finalist in the Discus.

No doubt several people have been intrigued by the small typewritten notices announcing a cricket match, which have appeared in the Union. This great cricket match is to be played between ICWSC and the Cricket Club next Thursday evening at Harlington, and supporters are invited to attend. Naturally the men have agreed to a slight handicap to ensure that the match will be evenly fought.

It should also be mentioned that the percentage of women who attended Sports Day was far greater than the percentage of men present.

Missquote: "Never has so much been expected by so many of so few".

BOAT CLUB VICTORY

The 1st. VIII won the Broken Vase Challenge Cup at Thames Ditton last Saturday, winning each race convincingly. For the first time in several years the 1st. VIII found itself with no oarsmen of Senior status, and therefore decided to race in the Junior-Senior event. They had three races in all, and benefited greatly from this experience, as more than half the crew were of Maiden status.

They won their second race by superior watermanship. After about half a minute from the start both crews struck bad water and no. 6 in the Horseferry crew caught a crab and was ejected from his seat.

In the final I.C. put up the fastest time of the day.

Results:

v. Oxford House	- 2½ l.
	(3:57)
v. Horseferry	- easily
	(3:59)
v. Emmanuel School	- 3 l.
	(3:56)

GUILDS WIN SPORTS

This year's intercollegiate champs. were held at Motspur Park, on Wed. 14th. May. The weather was quite favourable and the number of spectators - although still mainly staff - was a considerable increase on previous years.

As the cross-country, 3 miles and the steeplechase events had been decided previously, Guilds started the day with several points in hand, having won all these events.

Although no records were broken this year, the general standard was very much higher than before and 30 "standard" points were obtained.

B.Curtis (C&G) pulled off a double success in the sprints (100 yds. in 10.2; 220 yds. in 25.0secs) followed in each time by K.W.Ludlam (R.C.S.) who won the 440 yds. event (51.9 secs.) A surprise tactical victory was gained by K.J.Wall in the $\frac{1}{2}$ -mile (2 mins. 1.9 s. but the 1 mile was the inevitable win for J.S.Evans (C&G) (4 mins 16.8 secs) The 120 yds. hurdles was won by W.H. Melbourne (C&G) in 16.2 secs.

The cup for the best field events performer went to J.W.S. Newman (R.S.M.) who won the shot with a put of 38'5 $\frac{1}{2}$ ". The other field event winners were:-

D.C.Smith	C&G	L.Jump	20'4 $\frac{1}{2}$ "
J.Graham	C&G	H.Jump	5'5"
C.Wronski	R.C.S.	Discus	116'
M.T.L.Evans	R.C.S.	Javin.	150'
W.H.Melbourne	C&G	Pole.V.	10'3"
M.A.Clarke	C&G	Hammer	75'



Curtis (C&G) winning the 220 yds.



Domestic Bursar and the Rector's Chauffeur pull their weights.....

ATHLETICS

The Athletic Club made a rather poor start to the term. On 30th. April we lost heavily to Bristol and U.C. The team was not at full strength, and the less said about this match, the better. The one good performance by an I.C. man was in the 440 yds. in which P.Goodwin was very narrowly defeated in a time of 52.7 s.

An I.C. team spent a day and a night at Exeter for a fixture with St.Luke's. The match was not a complete walk-over for St. Luke's, as might have been imagined from the BBC West Region commentary; in fact the I.C. score was more than half their opponents' score. However, St.Luke's have some very promising athletes, and won most of the events. The most exciting race of the afternoon was the 440, won by K.Ludlam in 52.5 s. with P.Goodwin 3rd. Ludlam, running in the 2nd. lane, judged the pace perfectly, helping Goodwin on the inside to come right through, to lose second place only by inches. B.Curtis gained an easy victory in the furlong, but in the middle distance events the St. Luke's men had the advantage of familiarity with their peculiar track, with a steep slope up to the finish, which they used with advantage. J.Collins did well to finish second in a hot and grueling 3-miles. In the field events, Breckon jumped 5'9", whilst A.Smith won the pole vault and M.Evans the javelin.

Finally, in a very close struggle with St. Mary's College, at Twickenham, I.C. were victorious. Our field events winners were Newman (shot), Evans (javelin) and Goodwin (HSJ and LJ). On the track, Wall easily won the mile after leading for the last three laps, whilst Briggs and Collins took the 2-miles and Ludlam again won the 440.

UL ATHLETIC CHAMPS

The heats were held at Motspur Park on 6th. and 8th. May, and by the day of the finals, 17th.May, I.C. were leading from U.C. by 40 pts. to 21. However, the individual strength of the U.C. men - who fill ten places in the University team - turned the tables, and we were beaten by 99 pts. to 95.

The deep team strength of I.C. was evident in all events; out of 19 events (men's) on the programme, we provided 2 out of the 6 finalists in 8 events, and 1 finalist in 6 others.

As usual, we were strongest on the track, with 3 winners, J.S.Evans (1 mile), J.G.Conway (3000m. steeplechase) and L.C.Locks (880 yds.). The outstanding field event performance was by D.C.Smith, of I.C., who smashed the HSJ record with a distance of 45'3".

B.Curtis and K.Ludlam (sprints), D.J.Briggs (3 miles), and W.Melbourne (120H) justified their selection for the U.L. team, and C.J.Constable (2nd. in HSJ), J.W.S.Newman (3rd. in Shot), and J.H.Collins (4th. in 3 miles) also performed well.

FAST MILE BY EVANS

In the Athletics match between London and Cambridge Universities recently, J.S. Evans of Imperial College took second place in the mile, behind Roger Dunkley. Evans' time was 4 mins 8.0 secs. This is the second best mile time in Great Britain this year, Dunkley's being the best.

The Staff Race resulted in a popular victory for Colonel Lowry - the first race that he has won for 35 years - who was presented with a bottle of Vermouth for his efforts.

The Tug o'War struggle was won by the Guilds team who retreated rapidly from the frightening antics of Syd Lenssen to boat the holders and favourites R.C.S. into second place. An Administration team, rounded up by Mr.'Jock' Henry and supported by Mr. Seaford's two little girls "Science" and "Technology", challenged and were defeated by a second team from Guilds.

Four teams ran in the Ladies Invitation Relay and the first 3 places were:- 1.Q.E.C. 2. Reading 3.Bedford. The men's relays were both won by Guilds consolidating their lead. The final points were C&G 192 pts., R.C.S. 129 pts., R.S.M. 71 pts. Congratulations to C&G on winning the Governors' Challenge Shield.

The Sports Day Hop was a great success, thanks to the enthusiastic support of the men operating the sideshows.

Will all winners please rinse and return their trophies by June 1st. to Room 13, Old Hostel.

CRICKET

After a somewhat paralytic display against L.S.E. the 1st XI has recently shown some much improved form.

There have been several speculative experiments in team selection. A notable case was that of R. Meikle, who, although bamboozled and dismissed by three successive donkey drops in the trials, was selected for the 1st team but dropped after neither batting nor bowling in the first match at Wye.

Against Eastcoote, who were dismissed for 192, I.C. seemed to be heading for a repeat of last year's magnificent last-minute win when they reached 91-3. Alas, this was not to be, as a monumental collapse saw I.C. back in the bar for 106.

St. Mark's and St. John's were put out for a tedious 114, and a sparkling opening stand of 72 between Bullock (37) and Deal (66 n.o.) soon put paid to them.

These two failed in a high-scoring game against Old Sinjuns and it was left to rather more venerable gentlemen to bring about a recovery. Kapur (66) and Kitchener (78) added 145 in 100 minutes enabling I.C. to declare at 179-5. Unfortunately the I.C.bowlers could get nothing from the wicket and Old Sinjuns won by seven wickets. A pleasing feature of I.C.'s play was the running between wickets, described by the O.S. captain as the best he had seen for years. Unhappily this qualification could not be applied to our fielding.

The Sunday XI has won both matches. Containing a mixture of fine cricketers and compete "spuds" it has a fine team spirit and enormous beer capacity. By the time this report appears Harry, Dytham and Wright might conceivably have made their first run of the season. It is certain that none of them will achieve the cricketer's double (10 runs and one wicket during the season)