



No. 29

IMPERIAL COLLEGE

7 DECEMBER 1951

MORPHY DAY -

GUILDS WIN MORPHY; MINES THE LOWRY.

Our Correspondent Explains

Morphy Day 1951 was memorable for several reasons, not the least of which was the completely false predictions made by "your rowing correspondent" in the last issue. The Morphy Cup was well won by a much improved Guilds crew whilst what must have been the most popular win ever, was that of the hard-working and enthusiastic Miners who gave the RSM. their first victory in the Lowry Cup since that race was instituted in 1946. -Continued on Sports Page.



STERN FOUR OF THE GUILDS MORPHY CREW J. Glanville

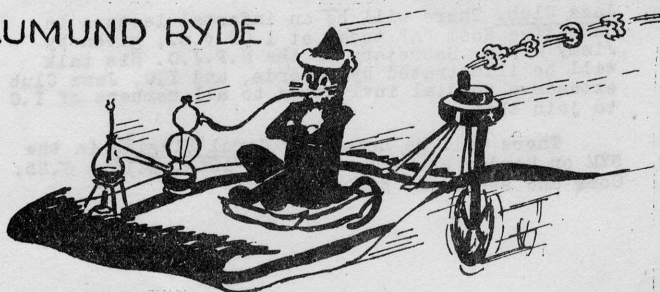
FOUND IN THE DIARY OF AN R.C.S. CORPSE AFTER THE BATTLE

We faced the dread charge of the loot brigade
No sitting on the fence, and in the scrum
We fought, and many were the captures made,
But came calamity. They stole the drum.

brave Riggott won himself eternal fame,
The Guilds' flag he destroyed - a skilful feat,
But "Gentleman" Jack Howarth lost his name,
For gentlemen wear trousers in the street.

A fashion note was struck: the sight was grand
Of red and white pyjamas in the air
And Mayfair finds it hard to understand
The strange return to grace of powdered hair.
We who were there, we will, in after years,
Remember Morphy '51 with tears.

KUMUND RYDE



DE MADJIK KARPIT - 14th DEC

POOR SUPPORT FOR DEBATES

I.C. lost the first round of the inter-college debating championships to Goldsmith's College by 65 points to 70. I think it would be generally agreed by most of those present (chiefly members of Goldsmiths) that given even the smallest support from I.C. men and women, we might quite well have carried the debate. A considerable effort will be made this year to encourage support of debates, and we hope I.C. will change its present scornful attitude to such unpractical pastimes and take some part in the pleasures they afford. In addition we should be compensating for the lack of certain facilities which would make this a College in the more complete sense of the word.

E.J. Simon.

U.L.U. DEBATE

One of the best debates of recent months was held in the U.L.U. Hut on 23rd November, but although it was comparatively well attended (as debates go), members of I.C. Union were conspicuously absent.

The motion before the House was that "This House believes that the first allegiance of the creative artist is to himself." The principal speakers were from the Universities of Cambridge, Cardiff, Dublin, St. Andrews, Sheffield and London; and the motion was carried by a narrow margin.

It is a great pity that there seems to be very little enthusiasm for debating among members of I.C. Union and even among members of U.L.U. because it means that an old and valuable University activity is being neglected. Debating as we know it has been associated with the Universities for over a hundred years and modern debating has its origins in the scholastic disputations practised in the mediaeval Universities. Other Universities have strong debating traditions and it is to be hoped that some effort will be made to make debating a regular part of Union activity at I.C. as well as at U.L.

There is to be one more U.L.U. debate this term on the 'Mother or Child' controversy with, it is hoped, speakers from the Society of Jesuits and the medical profession. Next term there will be debates on politics and the arts, among other topics.

L. C.

MUSICAL SOCIETY CONCERT

It is a great honour that Dr. Reginald Jacques should have undertaken the regular conducting of the I.C. Choir. Dr. Jacques succeeded in putting a polish on the choir singing that gave real distinction to the performance of Part II of Bach's Christmas Oratorio. The two soloists, Eileen Price and Bryan Corrie, sang in a manner worthy of the conductor and of the occasion. Vaughan Williams' 100th Psalm - performed by the Choir on Commemoration Day - gained immeasurably from the better acoustics of the Q.A.H. concert hall compared with the University Great Hall. The other vocal works included groups of madrigals and carols, and some charming solos sung by Eileen Price. Of the Jacques Orchestra one can only say that they amply maintained their high reputation for sensitive playing and ensemble; particularly in their exquisite rendering of a Purcell Chacony, and the joyous and vigorous performance of Holst's St. Paul's Suite.

SYMPOSIUM ON EATING - A DOUBLE PAGE SPREAD - (see pages 4 & 5)

LETTERS TO THE EDITOR

THE O.U.B.C. LEVIATHAN

15, Ladbroke Walk,
W.11.
27th. November, 1951.

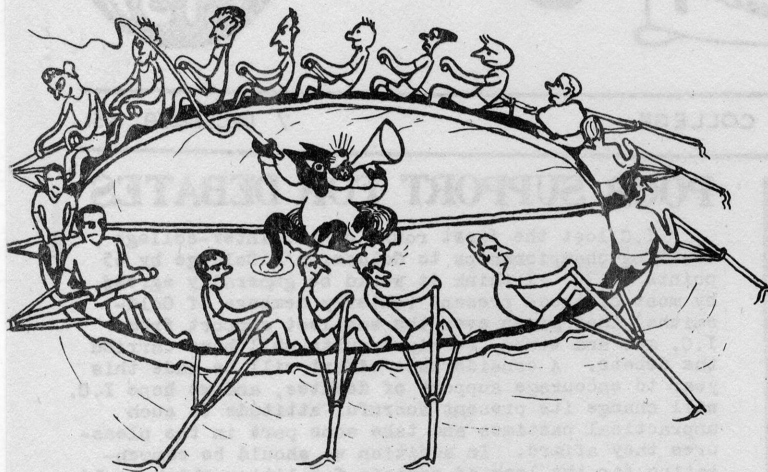
Dear Sir,

I have been interested to read in the columns of "The Times", of the launching and commissioning by the Oxford University Boat Club of their new training ship, Leviathan. Cambridge, I hear, are building a submarine to enable their members to learn to feather under water. What Sir is our own College, justly famed throughout the world for its science and technology, doing in this matter?

I trust that we shall be able to devise an answer to these secret weapons.

I remain Sir

Your Rowing Correspondent.



(OUR PROPOSAL - "THE I.C.B.C. TRAINING CORACLE. - Editor.)

I.C. Union,
2nd December, 1951

COMING EVENTS

Sir,

We are sorry that the Grape Vine isn't virile enough to carry the date of the next hop to Silwood Park. However, they need not fret about this, as there will be regular hops next term. Starting on January 19th, there will be hops on alternate Saturdays, plus a house-warming hop on January 12th.

In order to keep the numbers inside reasonable limits, tickets will be sold in advance, beginning on the Thursday before the hop. A limited number of tickets will be printed, and assuming there are any left, they will be on sale right up to the start of the hop.

People who want to dance will then have an opportunity to do so, whilst those who prefer to frequent the bar earlier in the evening, will be able to join the hop after ten o'clock, when the door will be opened to all.

Yours etc.

Paul G. Jeffery

I.C. Union,
29th November, 1951

MORPHY DAY RAGS

Sir,

As usual at about this time of year, there has been some "moral persuasion" to try and get people down to Putney on Morphy Day. It seems to me to be utterly pointless and futile to whip up a false sense of antagonism between members of the same college in order to stage a battle royal on Morphy Day.

This is just a personal opinion and I would not have thought of airing it but for the fact that other people have been trying to force their views on to me. On occasions like these accusations of brown-bagging, frightened of getting hurt, etc., are made against non-participants without justification. Let the boisterous have their fun but they should leave their more indolent brethren in peace.

Yours etc.

S. P. Whitelaw
R.C.S.

PERSONAL ADVERTISEMENTS

Highly Personal Advertisement.
LOST. Metal percussion instrument, of inestimable sentimental value; by R.C.S. Union.

FOR SALE. Grey tweed belted overcoat (height about 5'10"). £5. Almost new. Apply through R.C.S. Rack to R. E. Dimes.

VIEWPOINT - THE HOSTEL

Dear Sir,

Your correspondent "Scepticus" caused me a certain amount of amusement with his article on the Hostel. Here I thought was a future President of the Bowling Club - a club with private changing rooms and a poker-dice school on the fifth floor of what in the bad old days was termed the Hostel. The possibilities are endless - Scepticus has a vision!

However, when you, sir, informed me that these proposals were not in jest I was somewhat annoyed. I, therefore, carefully scrutinised the viewpoint. My annoyance melted to pity. Pity for a student who so completely missed the object of College life (which is what his article primarily attacks and not solely the Hostel). Pity for a gentleman who has so little faith in human nature. Pity for a fellow whose interests are so narrow that he is liable to "become a brown bagger in self defence". Pity for a self appointed outcast.

For surely the main and rather broad object of a residential college life is to afford one an opportunity of finding one's feet in life. Most students come to I.C. direct from a sheltered home and school life or even from a rather unnatural service life. By entering the Hostel they obtain an excellent opportunity to learn a considerable amount about their fellows and, what is perhaps more important, about themselves. No one can deny that there is a back-slapping and noisy rugger-talking facet to a many sided Hostel life. Why should it be denied anyway? The world is made up of a great variety of types of whom this particular group is one that must receive attention like the rest. Our job is not to turn away nor agree with their views but we must learn to tolerate them. This we partially do by the numerous informal discussions that take place nightly over cups of coffee. Other opportunities are afforded by the multitude of college activities that can more easily be attended by the resident student.

Again, examinations give a fair idea of ability at one's studies but one needs the chance of assessing one's non-academic potentialities. Surely it is a great asset to know how others will react to one's own views and methods of dealing with people, before venturing into the competitive outside world.

Therefore I suggest that Scepticus has a closer look at Hostel life before he levels any further unconstructive criticism based on superficial and limited knowledge, for such unthinking remarks may do more harm than good.

Yours, etc.

D.Griffiths.



COMING EVENTS

U.L.U. Debate on Monday, 10th December, at 6 p.m. at U.L.U. Hut. The Motion is: "That this House welcomes the recent allocation regarding the Mother and Child by His Holiness the Pope." Proposing the motion: Father J. Christie, S.J. Opposing: Dr. Philip, M. Bloom. Also speaking will be the Rev. R. W. Sorensen, M.P. and Dr. W. J. O'Donovan, O.B.E.

The "Plum Puddings". On Saturday December 15th. the Boat Club will be rowing eights in the Christmas "Plum Puddings" race, organized by Thames Rowing Club. This is a handicap event which will probably be rowed over the 3½ miles between Putney to Barnes.

Jazz Club. There will be an informal lecture in Committee Room "A" today at 1.00 p.m., given by Jimmy Armin, Secretary of the N.F.J.O. His talk will be illustrated by records, and I.C. Jazz Club extends a cordial invitation to all members of I.C. to join them.

There will be community Carol Singing in the GYM on Monday evening, December 10th. 5.15 - 6.25. Come and swell the numbers.



CIRCULATION: 1300

EDITOR: S.H. WEARNE

A.F. III*

This being our second birthday, we are devoting some space to a survey of landmarks in our short history. FELIX has appeared fortnightly for 29 issues and has established a place in college life. We have settled down to a fairly steady pattern, being limited financially in printing standards, and on the contribution side by the regularity of the events we chronicle. The Board has to exert great ingenuity in order to avoid monotony. We wear out staff rapidly half a year being the mean Editorial life.

FELIX first appeared on 9th December 1949. Ted Hughes (hitherto unemployed) was the Editor and reported their own arrival together with the scoop of a term's events. 600 copies were quickly sold out, and in the following two terms, one thousand were sold regularly. The reluctant £5 backing by the Union, extracted by Derek Howe, then Guilds President, was soon proved good business. FELIX No. 2 started the Profile series with "The Bar". A series of 'Drinking Mans Guide' tottered from issue to issue. Ted Hughes handed over to Clifford Hargreaves at the end of the summer. No. 10 was a Freshers' number for last year, and was the first to be printed photographically, as at present. In this process the same body of typescript is reduced to fit six pages. The greatest advantage of this new style is that any black and white illustrations can be reproduced, including photographs if a special print is prepared by 'screening'. Issue No. 10 published a large map of the district for the fresher, and No. 11 followed with the first Road-Test, on 'Crosslays' Cowley' and this Pin-Up :-

No. 14, reporting the Mines win in the Morphy, celebrated our first birthday with a short review of the early Union politics of FELIX.

In the spring John Midgley succeeded Clifford Hargreaves as Editor. By then the layout of the paper was settling down to its present form: Sports page at the back, News on the front and letters to the Editor on page two. A series of 'Viewpoints' began including 'Culture in I.C.', 'A paper University' in the field of the Inter-Collegiate scheme discussions, etc. We recorded the Rectors' visit to America and an R.C.E. Smoking Concert and made full use of the Festival of the Bowls Club and Britain.

By the end of last summer the planned illustration of articles was effective, balancing the lack of ideas for cartoons. The present aim is the development of our own 'screening' process. Our photographic advisors have been working a year on finding a substitute for the commercial screen, price £75. (They need more assistance now).

1200 to 1250 copies were sold regularly throughout last year, the finance of the printing process remaining slightly in our favour until the rise in paper costs which resulted in the general increase in national newspaper prices. FELIX decided to keep to its original price, and to make up the loss by organising social events. The FELIX dance last term provided this sufficient until next Easter, and thus we kept our independence. We consider that finance is the greater part of dependance, and it is interesting to note that our contemporary at Queen Mary College receives up to £125 a year. We are only responsible to the Union for policy and financial sanity; through our Board of Directors, the Officers of the Union.

Sales now touch the 1300 mark. The new Board is greatly changed from that band of early enthusiasts. At the moment it is still incomplete, and though few members are in the Hostel, we rely enormously on the help of residents for production and sales.

You, the reader, should realise that our newspaper can only improve when we receive enough copy to make a proper balance between the interests of the three colleges, the clubs, the hostel and the non-residents.

P.S. A MERRY CHRISTMAS TO ALL OUR READERS.

*A.F. III - Anno Felicis tres.



Pin-up

PROFILE~

JACK HOWORTH

There are many to whom the Lancashire cotton town of Rochdale may seem just another drab, unromantic, industrial conglomeration, situated on the rain swept slopes of the Pennines. This town, however, has given birth to two great English Institutions - the Co-operative Movement, and Gracie Fields. Although it is not suggested that Jack Raymond Howorth is an Institution, or even a big-hearted star of variety, it is not inappropriate that he should have been born and bred in Rochdale. For in his six-foot-six of skin and bone he incorporates those distinct Northern characteristics of solid, down-to-earth common sense, and an unrivalled capacity for hard work. In no-one could the old saying "work hard, play hard" be better illustrated than in "Our Jack."

Educated at Rochdale High School, he completed one year in industry before going to Loughborough College. Here he obtained a plum-coloured blazer of phenomenal length, which some may claim to be the inspiration for the new Guilds blazer. He also obtained a First-class Honours diploma in mechanical engineering, and made a reputation for athletic prowess, especially at bowls and liar dice.

A period of recuperation followed, when he found himself a comfortable niche, as a sapper subaltern, on the Rock of Gibraltar. The war was by this time over, and he was able to take full advantage of the base to further his research into the habits, and ancient customs of the Spanish mainland. He indignantly denies that concern in the fall of the ape population was the reason for his posting.

Some would say that like all sensible Northerners he emigrated to the South, but, in any case, he came to Guilds in 1949, as a student in the Electrical Department. From his earliest days in College he has been associated with the Union in all its varied forms, and it is not surprising that he has become a widely influential figure in the present-day running of our affairs. As President of Guilds he is living up to his guiding principle that a job worth doing, is worth doing well.

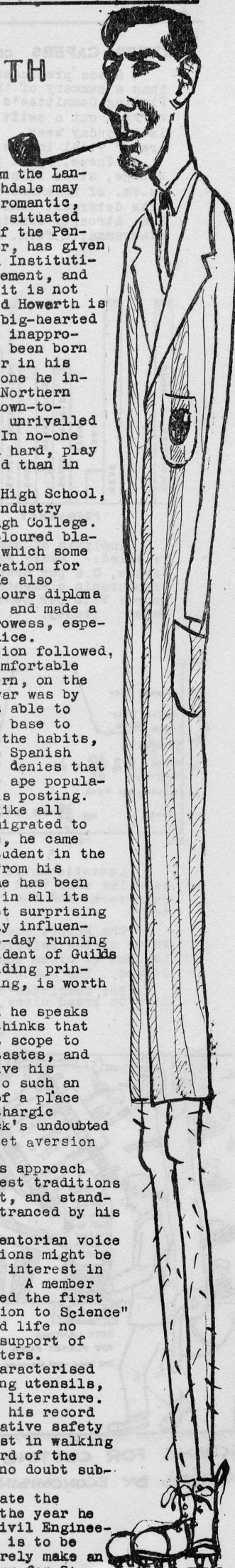
Jack is dogmatic when he speaks of Union activities. He thinks that the Union is of sufficient scope to provide interest for all tastes, and any person who does not give his "whole available energy" to such an enterprise is not worthy of a place in College. The more lethargic amongst us must admire Jack's undoubted sincerity. His present pet aversion is "Felix".

As a rugger player his approach to the game is in the highest traditions of the game, and the spirit, and standing of the I.C. Club is entranced by his able leadership.

Those who hear his stentorian voice on the more informal occasions might be surprised to hear that his interest in song goes somewhat deeper. A member of the Choir, which rendered the first performance of "An Invocation to Science" he regrets that his crowded life no longer permits his active support of the official College songsters.

Howarth at home is characterised by his collection of smoking utensils, and wide range of readable literature. Perhaps it is as well that his record library is kept in the relative safety of "chez lui." An interest in walking is claimed, and the landlord of the famous Moorcock Inn could no doubt substantiate this.

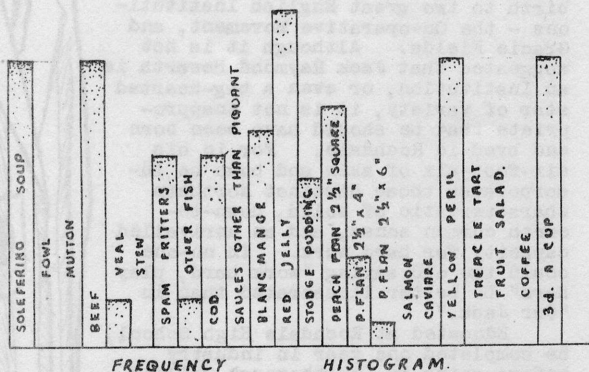
Jack wishes to repudiate the rumour that at the end of the year he will take up a course in Civil Engineering, at Cambridge. This is to be regretted, for he would surely make an excellent football secretary for St. John's!



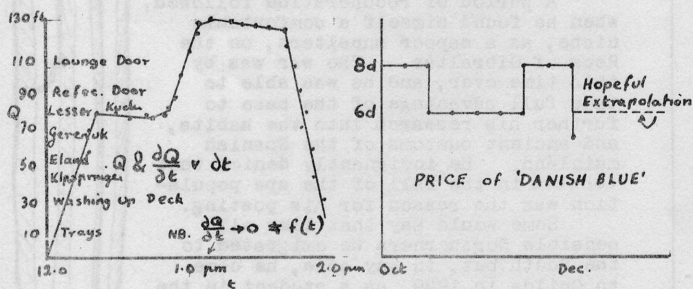
KITCHEN CAPERS or KIPPERS AND CUSTARD

Space precludes us from publishing more than a summary of the Report of I.C. Fact Finding Committee's Calorific Subgroup, which carried out a swift survey of the Refectory last Monday week. But some of the "findings", are of vital interest.

These, apart from 3.4 gms of bituminous sludge, since identified as potatoes, and 11.2 sq.cm. of untanned leather steeped in a gravy-like detergent (which are now in the hands of U.N. Atrocity Commission) are now presented in diagrammatic form.



Analysis of samples of alleged soup revealed:- heavy water, 99.3 per cent; rare earths, 0.6 per cent; inert gases, 0.1 per cent; transuranic elements, trace. [Mutigatawny Soup:- 99.3 per cent; plutonium (Curie powder) water: trace].



A questionnaire circulated among clients revealed that 94.2 per cent are frustrated carnivores and the remainder are just frustrated.

The Report concludes that the calorific value of the Refectory food would approximate to that of brown coal if it were further dehydrated. The N.C.B. has been informed.

The Committee comments that "man cannot live on bread alone, but he can try."

In London: EATING AROUND I.C. - 1

Whilst this column appreciates that the meals served in the Snack-Bar, Refectory, Upper Dining Hall and 'Queenie's' are capable of supporting a low standard of life, and are, in fact, very reasonable when compared with Kensington price standards, it feels that even the most impecunious student may want to launch out and eat a tasty dinner once in a while. Also the fixed hours for supper, as well as the standard of the meals, are hardly suitable for entertaining guests.

This column has therefore decided to set down the results of surveys of the not-so-expensive eating houses within lunchtime distance of I.C. The star system adopted is similar to that of the R.A.C. Handbook, but is necessarily of a lower grade. It is based on quality and variety of food; on service, and on the general atmosphere, but does not take expense into account. No restaurant will be graded above "three star", as such places are inevitably too expensive or too good for publicity. All prices quoted are for three-course meals.

XX The Venice Restaurant, Thurloe Place. Luncheons à la carte from 3/9, served from 12 - 2 p.m. This little restaurant has a faintly Continental flavour. The food is varied and of good quality, but is on the expensive side. Service allows for some conversation between courses. In view of the high tariff the grading speaks for itself.

XXX Watteau Restaurant, 16 Church Street. Table d'hôte 3/-. Also à la carte. Served 12 - 11.30 p.m.

The buses stop outside here (a three-half-penny ride to I.C.) but there is a quiet atmosphere within. There is a wide variety of dishes of good quality, and service is unobtrusive and quick. This column recommends the 3/- luncheon. The Watteau is seldom crowded. Merphwis

Imp's Competition No. 3:

Readers are invited to write a short note on the future of FELIX. The sole conditions are that every sentence should contain a pun or a Sponerism, and that the length of the piece is limited to 250 words.

Imp.

JOE McCALL.

Although Joe McCall (for many years the Unions "oldest inhabitant") officially left the College at the end of last session, the familiar bowed shoulders, shock of wiry hair and brisk shambling walk have continued to be seen about the place. Now his many friends will learn with regret that, after several false starts he really will be sailing for Kenya tomorrow. Weekly farewell parties have been held for the past month.

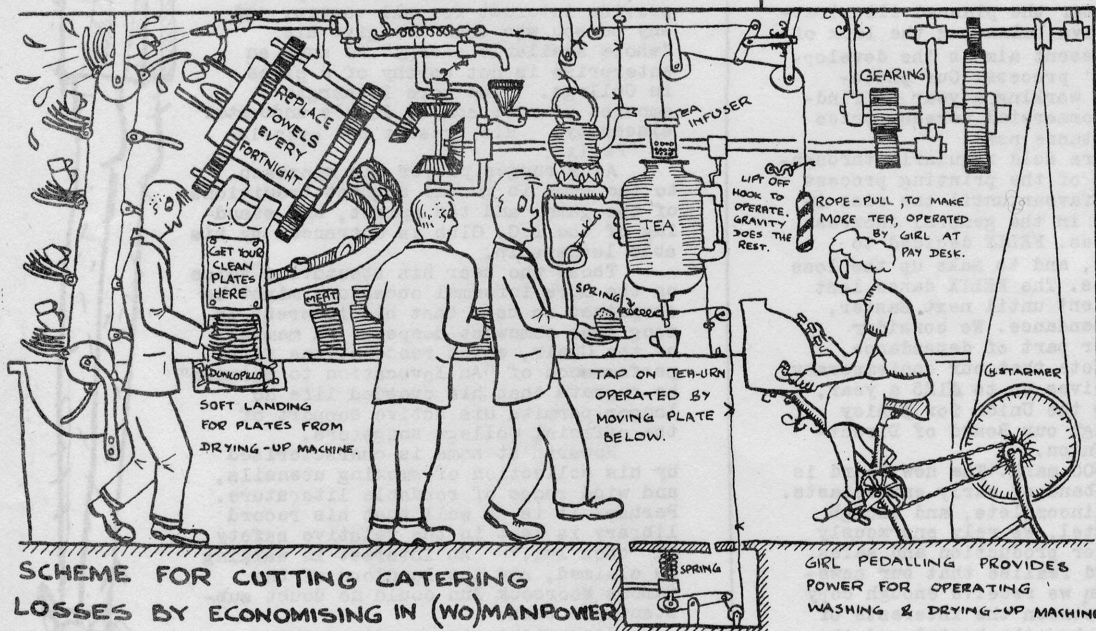
We wish old Joe every success and happiness as he returns to reconquer.

Silwood Dinner in Hall.

The Inaugural Dinner in Hall at Silwood Park was held on St. Andrew's Night in the reception room where the Touchstone meetings are usually held. About 50 people, including all the residents of Silwood, sat down to an excellent dinner with goose as the main course. The haggis promised on the menu failed to arrive to the great disappointment of all those who hoped that they would at last meet one.

The Refectory Staff at Silwood deserve congratulations on the excellence of the meal which had to be cooked in the canteen kitchens which are some distance from the house.

After coffee, which was served in the library, there was informal dancing to gramophone records, with several exhibition Scottish dances, which, although appearing somewhat chaotic, we were assured the Silwood inmates had rehearsed with great vigour the previous evening.



A NOTE ON BEETON'S FUNCTION

HISTORICAL

Since the days of NEWTON, students compiling laboratory reports have often found that several of their experimental observations appear to be at variance with the theoretical laws which their lecturers have decreed shall govern the events they are investigating. The earliest attempts to make these results acceptable to examiners and moderators were usually made by the method suggested by BOYLE by the application to the worst results of an arbitrary constant C (the culinary constant). This method gives a good first approximation and is still widely used where the time factor is important (e.g. when only two days remain to write seven reports). Later research has developed more powerful methods, particularly those of BEETON and COOKE which are the subject of this note.

COOKE'S LAW

COOKE (1916) suggested that the use of the Culinary Constant C had the disadvantage that a check of the calculations would instantly reveal its use and the resulting report, being inconsistent, was aesthetically unsatisfactory. He enunciated the famous law which bears his name and which may be stated as follows:-

"In any set of experimental observations, if some observations lead to results which are clearly incorrect and require amendment, the observations must be amended at the same time to conform to the amended results."

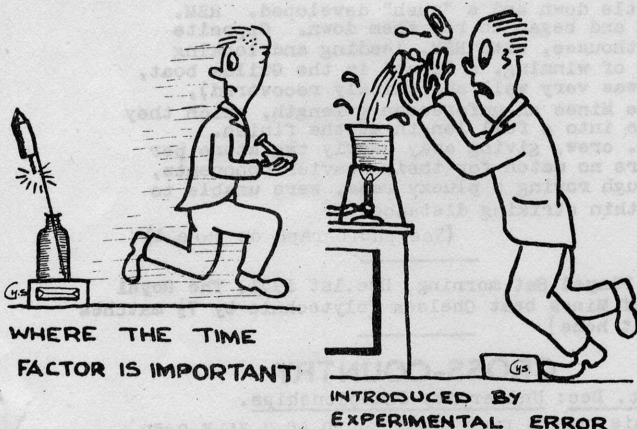
This was a great advance, but still left the student without guidance on which results to amend and by how much to amend them.

The Work of BEETON

BEETON (1949) revolutionised previous methods and in the short time since his paper was published his methods have found widespread acceptance. BEETON'S contribution may be summarised as follows.

If a dependent variable y obeys the relation $y=f(x)$, experimental determination of the relationship can be represented by $y=f(x+s)$ where s is an independent random variable introduced by experimental error. BEETON points out that in all practical cases s may be replaced by a new variable s introduced by calculating values of x from suitably chosen values of y on a slide rule working to 2 significant figures only.

Thus the relationship becomes $y=f(x+s)$ which is BEETON'S FUNCTION.



WHERE THE TIME FACTOR IS IMPORTANT

INTRODUCED BY EXPERIMENTAL ERROR

Applications of BEETON'S Function

It is unnecessary to point out how the use of BEETON'S function reduces the labour of laboratory work.

The actual observations are worked out from the known laws governing the experiment to be performed before entering the laboratory. If no such laws exist suitable data can be obtained from the Laboratory Reports of previous years' (successful) students. Actual work in the laboratory is reduced to two quick readings to determine the approximate range of which the apparatus is capable. The remainder of the laboratory time may be spent in the consumption of coffee.

Further Research

Further research is in hand to extend the principles of the work of COOKE and BEETON to ease the lot of the post graduate student engaged in original work. Here, the difficulty is that the fundamental laws on which the calculation is to be based are usually unknown. Some success has been achieved with the aid of a crystal ball purchased from Government surplus stocks (Balls, crystal, gazing, Engineers, 22C/1380) but this method is nearly as laborious and little more accurate than actual laboratory work.

(Continued at the foot of the next column.)

SSERPXE YLIAD

No matter how uninteresting the news, this morning, one can be sure that the average daily paper will have contrived some way of making it interesting. Whatever has happened, a conference, opening of new buildings, etc., it's a foregone conclusion that the papers will find some member of the female sex who is, at least, remotely connected with it. The only other requirements are that she should have been photographed in a bathing costume, and been involved in a major scandal.

Let us take an example from the "Sserpxe Yliad" - this fictitious title would be catchy enough for any paper.

It was reported that Mr. Churchill was to meet President Truman. The problem confronting the papers is how to bring these dry facts home to such as Mrs. Smith who is washing some O.S. "smalls" in Swindon.

They are the common folk of these islands - the backbone of Old England. Their language is simple. They have learnt all there is to know about the high cost of living, death duties and 19/6 in the £, in the severe classroom of everyday life. But, ask them what a Coalition is and few could tell you - and I doubt whether you'd get one to tell you how many masts it has.

Now, let us look at the way in which the dailies bring this news of Mr. Churchill to us. Do they show a photo of the Premier and give a learned explanation of "balance of payments"? No, that would bore them. Instead our paper, with commendable research, finds a gentleman, who happens to be an American who happens to have met Mr. Churchill during the war. By great good fortune he also has a country mansion at which it is within the bounds of possibility that Mr. Churchill might stay. Lastly, and most essential, he has a wife who, being attractive, has been photographed in a bathing costume.

That catches them.. Put a headline two inches high on the front page and nobody notices it, but give Betty Grable a two column spread and everybody sits up. Think what a 'wow' FELIX would be with:-

SWEETHEART'S SCARF - WINNING EIGHT'S TALISMAN

A pretty crepe de chine scarf depicting beauty spots of the "Potteries" fluttered in the breeze as the winners of the Lowry Cup (see Sports Review: Alan Knobby) flashed past the post yesterday. The scarf was at the neck of Bob Merryweather who coxed the victorious Mines Vill to finish 3 lengths up.

Many admired the charming scarf worn by the handsome fair-haired student, but few realised that it brought unexpected luck to the crew.

The scarf belongs to Miss Felicity Filigree, who is Merryweather's fiancée. At their last meeting, Miss Filigree thrust the scarf into Bob's hand with the injunction:

"Wear it, it'll bring you and your boys luck, Sonny" (She has always called him Sonny ever since he told her he was the Marquis of Blandford) "Oh - and for heaven's sake, don't get your trousers wet or you'll catch your death o' cold".

With these words of encouragement, Miss Filigree left to return to her work as Rodent Operative in Maida Vale, and, unfortunately, was not able to witness Bob's victory.

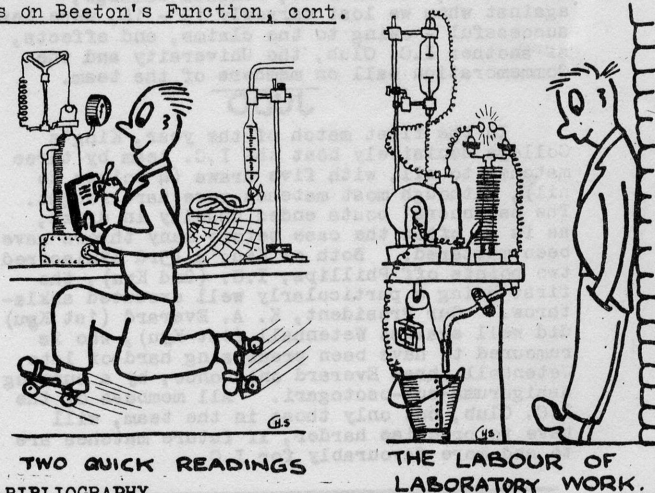
When interviewed after the race and told of the crew's success, Miss Filigree was almost speechless with delight, but managed to say to our reporter -

"He better hadn't get any flour on my scarf. Well I gotta push - I'm after another rat now".

Such is the nature of this pure and generous English maid - she never lets work interfere with her pleasure. Result of Main Event: Morphy Cup; C.&G. 1st.

N.B. Resemblance to any person, living or dead, is entirely

Notes on Beeton's Function, cont.



TWO QUICK READINGS

THE LABOUR OF LABORATORY WORK.

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- (2) Proc.Lunar Society, Vol.VI. Boyle R. (paper) p.1498.
- (3) The Aesthetics of Engineering Experiments, Cooke J. ch
- (4) Experimentation without Hesitation, Beeton F. Readers' Digest, Vol.XVI, No.6, p.172.

pmc.



BOUQUETS

The Morphy Race, as unpredictable as ever, won by the outsiders after a hard race. The Lowry result going equally astray, though the eight who sportingly started the race with a broken oar rowed like winners almost all the way.

Congratulations to the Soccer Club on their fine performance against N.E.C. It is a great pity, almost the same team playing in Guild's jerseys should give such a disheartening display against the Mines Rucker eleven, who won the first game of the Technology Cup competition.

There never was any doubt as to who would win the U.L. Cross Country Championship. It was only a question of by how great a margin. Well done I.C.C.C.C!

With so many dazzling successes of other clubs, the Rucker Club people feel they should refrain from publicity until they too have won a U.L. cup; but their record to date of - 9 won, 2 drawn, 2 lost games is very creditable, in view of the prominence of some of their opponents. When the team has mastered the art of falling on the loose ball, the Cup will be well within their grasp.

BOXING

Quite a large audience witnessed a fine performance by I.C. Boxing Club when they beat King's College by 4 bouts to 1 in the gymnasium on Tuesday 27th November.

Malcolm Muir, who is to be congratulated on his twice being selected to represent U.L. this season, gave I.C. the lead by winning the first bout from D. Jessett on a very close points decision. Kings' drew level when the versatile A. Dujon gained a points decision over John Davies but were hardly in the picture during the rest of the evening.

After a quiet exhibition bout by two boxers from Goldsmiths' College, Peter Harding put I.C. ahead when he gained the verdict over J. Sharpe.

Len Palmer, the I.C. Flyweight, delighted the spectators with some excellent boxing in his exhibition with R. Leigh. Len certainly earned the applause at the end of the bout since he was a stone lighter than his opponent.

The last two bouts of the evening both yielded points victories for the I.C. men, Bill Shepherd beating D. Gill and Ricky Forscher beating the amusingly unorthodox R. Campbell.

FENCING

There have been no deaths in the Club this year. This is probably due to the high proportion of beginners. (I must, in passing, record the fact that there have been no births either; but the reason for this escapes me.) The classes on Monday and Thursday evenings have been well attended, and there is plenty of talent among this year's newcomers, amongst whom we have four from I.C.W.A. Owing to an accident, for which we were not responsible, to M. Léon Paul, we have been short of one instructor for the whole of the term, but Mr. Zabielski, pronounced George, has been carrying on successfully alone.

On the sole occasion this term on which we were able to employ our full team, we beat the Polytechnic 16 - 11. The remainder of our matches against King's College Hospital, St. Paul's, Westminster, Dulwich College, against whom we lost narrowly 13 - 14, were less successful - owing to the claims, and effects, of another I.C. Club, the University and the Commemoration Ball on members of the team.

JUDO

In the first match of the year, King's College decisively beat the I.C. team by three matches to nil, with five draws (4 points to nil), although most matches were hard fought. The beginners' bouts ended usually in draws, as is so often the case before many throws have been mastered. Both of King's (3rd Kyu) scored two points off Phillips, I.C. (2nd Kyu), the first being a particularly well executed ankle-throw. Our President, K. A. Everard (1st Kyu) did well against Wetenhall (1st Kyu), who is rumoured to have been practising hard of late. Wetenhall threw Everard only once, by a cunning ashiguruma-cum-osotogari. All members of the I.C. Club, not only those in the team, will have to practise harder, if future matches are to end more favourably for I.C.

MORPHY-DAY

The weather was fine, with a fresh southerly wind and a fast ebb tide, as the three crews paddled up to the start of the Morphy Cup. RSM. were on the Surrey station, O&G. in the Centre and RCS. on Middlesex. C.A. Bristow got them off to a perfect start; the Mines, in the faster water went into the lead at once and were ahead at the end of the first minute, as the crews approached Harrods. Here, however, as the Mines lengthened out, they dropped their rating and work a little too much and the O&G., taking full advantage of this went into the lead at once. A word of praise must go to the O&G. cox for his tactics at this point, for though rather heavy-handed with the rudder, he nevertheless used his commanding lead to keep RSM. out of the stream between Harrods and the Mile Post and at the same time enticed RCS. too far over to Surrey, from which position only sudden and drastic action saved a clash as Gardner brought Guilds back to their own station. He had thus given his crew every chance to consolidate their lead, which they proceeded to do in no uncertain manner. At the Mile Post, O&G. were a length ahead with the boat running well. RSM. and RCS., neither of whom had settled down into a stride, began the job of trying to retrieve the situation. At the Football Ground Guilds were nearly three lengths ahead and RCS. ahead of RSM. From this point to the finish, the RCS. found their stride, whilst RSM. rallied as they passed the boathouses. Guilds were going too well to be at all troubled by this and won very well by 2½ lengths with RCS. ½ length ahead of RSM. The O&G. crew thoroughly deserved to win. A much improved crew, they had learnt the value of letting the boat run between the strokes and giving themselves the time to work really hard.

The Lowry Cup race was very exciting and well fought out, between an experienced O&G. crew who knew how to row, but did not give themselves the time to work, and a very inexperienced RSM. crew who realised only too well their limitations as oarsmen and so contented themselves with a rating that suited them and gave them the opportunity to "drive the blade to move the boat". O&G. went ahead at the start, but would not settle down and a "rush" developed. RSM. hung on and began to row them down. Opposite the boathouses, with RSM. leading and looking capable of winning, a "crab" in the Guilds boat, (which was very well and quickly recovered), gave the Mines an unforeseen ½ length, which they had made into a full length at the finish. The RCS. crew, giving away nearly two stone per man, were no match for their heavier opponents, and though rowing a plucky race, were unable to come within striking distance.

(See photograph on page 1)

TENNIS. Played Sat. morning, Dec. 1st 1951. The Royal School of Mines beat Chelsea Polytechnic by 7½ matches to 1½ (at home)

CROSS-COUNTRY

Sat. 1st. Dec: University Championships.

This year's race promised to be a very open affair - best summarised by the Daily Telegraph - "the team tilts should pass from King's College to London School of Economics or Imperial College".

All three colleges were fielding strong teams - almost the entire University 1st and 2nd teams are drawn from them.

The I.C. team got away to their usual hopeless start - a failing which must be overcome when running in fields of about two hundred. However, M. Garrod shot up from about thirtieth to twelfth during the second mile, and F. Bagley worked his way up to the leaders. Thus, at the finish I.C. had three in the first ten, and five in twenty, running in very comfortable winners. It was a very fine effort by the whole team, in a year when the University running is of such a high standard.

Ted Whitlock ran brilliantly to come in third, having just recovered from a very bad leg injury, and Bill Dain came an excellent sixth, to equal the previous record.

SCORE. I.C. "A" 52, Kings 65, L.S.E. 96, Q.M.C. 160, N.E.C. 162, I.C. "B" 177. Nineteen colleges competed.