

# FELIX

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## MORPHY DAY: BEST FOR YEARS

This year's Morphy Day, held on November 1st, was an outstanding success and the best for many years. With roughly five hundred students on the towpath, some really good-humoured, non-destructive ragging took place just about continuously from 1 p.m. to 5 p.m. This is the sort of rag that has not been seen at this College for several years. On the water R.C.S. won the Morphy Cup and Guilds the Lowry, while the towpath battle was also won by Guilds, mainly through better organisation, for the numbers were just about equal.

Preparations for the battle began very early on Wednesday morning with the Guilds and R.C.S. Executives collecting rotten fruit, flour, paper bags, a six-foot diameter punch-ball (to fight over) and half-a-pint of green ink which was smeared on the hands of all the Guildsmen taking part to avoid confusion in the heat of battle. Two parties of roughly 250 students each, suitably dressed for the occasion, left Guilds and R.C.S. at 1.15 p.m. and travelled down to Putney by the District Line on the traditional party ticket for 49. Guilds had the disgusting experience of discovering a King's student on the three carriages they took over and had to eject him forcibly at Earl's Court.

While R.C.S. were marching across Putney Bridge and Guilds were approaching from the opposite direction (they alighted at East Putney), the six-foot punch-ball previously mentioned was inflated at a local garage, an operation taking twenty minutes and severely straining the air supply. It was then bowled through and over the traffic down to the boathouse, where the mobile mascots were lined up. All three vehicles were beautifully prepared and were a credit to their colleges. Well done the polishing crews.

Meanwhile the mobs had arrived and formed up on the towpath a little to the west of Beverly Brook, and they watched the Presidents going through the ritual starting procedure. Lawrie Austin (Guilds) beat McPherson in the drinking race and thus qualified for first slosh with the twelve-inch diameter genuine Mooney lemon meringue pies. All near enough to see said that Lawrie made a good job of it rubbing the remains of the pie well into McPherson's hair and in reply Finlay made an upward sweeping swipe that drove a good proportion of lemon meringue up Lawrie's nose. These pleasantries over, the ball was rolled onto the centre-spot, and under cover of a heavy barrage of earth clods, flour bags and rotten fruit the two sides joined battle. Things were a little uncoordinated at first with the result that the ball moved sideways of the towpath, across the mud and into the river, leaving the combatants rather at a loose end

while the ball was retrieved. The public-spirited gentlemen who swam after it included Bill Macmillan, Dan Elwyn Jones and Pete Young, the R.C.S. Vice-President who was soaked already, having been deprived of his trousers and thrown into the river within thirty seconds of battle commencing. Having nothing to do for the time being, those left on the bank proceeded to remove each other's trousers, Guilds doing most, if not all, the removing.

They were distracted from this by the Lowry race, Guilds going by with a good lead on Mines and R.C.S., and the crews were cheered heartily from the bank. The ball was returned eventually and the fight commenced again. This time the Guilds pack had got a grip of the technique necessary and under instructions from their President at the rear they worked together really well, wheeling when appropriate and slowly forcing the ball back to the R.C.S. line, with occasional truces to dig out the unfortunates who were being trampled into the mud. Finally, despite Miss Dorothy English's spirited cheer-leading from the side-lines, R.C.S. were forced back to Beverly Brook and Guilds declared the winners. Guilds then had the choice of being presented with Theta or the Spanner (which was of course in R.C.S. possession) and they chose the latter. R.C.S. dug it up from the towpath where it had been all the time while Guildsmen were chasing the length of England for it, and Lawrie Austin led his men in a resounding Boomalacka, waving the Spanner, now painted in purple and cream, above his head.

Another natural break now occurred while

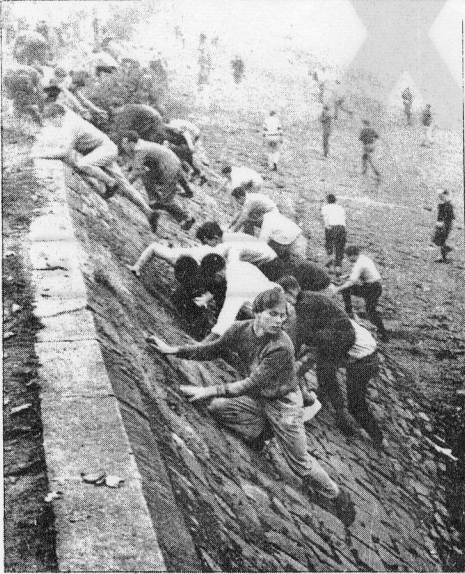
they waited for the Morphy race to start, and some desultory scuffling took place in the mud, Guilds again doing most of the trouser-removing and several sopping wet R.C.S. men walked back to the boathouse to change. The Morphy crews went by at last, R.C.S. having a clear advantage over Guilds and after giving them vociferous encouragement the battle-stained and now united mob returned to the boathouse before moving off in a long column that eventually stretched the full length of Putney Bridge. By the time the crews returned to the boathouse there were only a few spectators to clap them in and a couple of reporters from the national press were still trying to remove flour and earth from their clothing. No doubt in trying to capture the atmosphere they had caught some of the barrage as well.

The return journey provided considerable sport. R.C.S. had lost their party ticket (it was in the Vice-president's trousers and nobody knew where they were) so Guilds generously allowed them to travel on their ticket. They crossed Putney Bridge in single file and crossed the road, the traffic courteously waiting during this prolonged operation, and had a couple of brief sit-downs in the road before taking over a train at Putney Bridge Station. The leaders astutely realised that the law would be at South Kensington (it was in fact) and therefore decided to travel to High Street Kensington. From High Street they moved on to the Albert Memorial where community hymn-singing was enjoyed by all, and then a trouserless Mike Barron led an assault on Albert him-

continued on page 2







#### Morphy Day continued:

self: a large "Ladies" sign was left in his lap but later removed on the advice from a sympathetic park-keeper that it was illegal.

The mobile mascots had arrived by this time and were lined up outside the Albert Hall attracting considerable attention from passers-by and diverting attention from the goings-on across the road. Albert was quite unmoved by the antics going on around him, and eventually the mob ing over, through and under a pair of B.B.C. vans on the way. Not to be left out of it the mobile mascots had a short race back to the Union, and despite some hairy cornering by Sammy Klat, fancying himself as a latter-day Charles Jarrott, Bo's age told against him and he came last. Back in Prince Consort Road an empty bus that happened to be passing was commandeered, but for a short while only, for it soon became evident that the bus was capable of pushing a good deal harder than the men holding it back, and it was rapidly evacuated. Dan Elwyn Jones left his exit rather late and was last seen disappearing eastwards waving from the platform.

Just to finish things off the law arrived and twelve constables stayed long enough to remove a bubble-car from one of the porches of the Albert Hall. The mob having disappeared (they were in fact dancing ring-a-ring-of-roses found the quad.) the law retreated to their Black Maria and departed. In all, an excellent day's sport and something to tell the freshers about for some years to come.



#### YOGI COMES TO I.C.

In spite of the credit squeeze, a Mr. Y. Bear made his first official appearance in an inflated form at the Chem. Eng. Freshers' Dinner on Monday Oct. 30th. This was mainly due to the generosity of Chem. Eng. 2nd year, Thomas Hedley and a certain Mr. Solomon who happened to be present at the gathering.

Mr. Bear's presence ("Call me Yogi!", he says) put speakers at ease: "His white collar and look of prosperity are the stamp of a second year Chemical Engineer", said one. As the evening wore on, the grins of freshers and hosts alike approached in magnitude the imperturbable smile of Mr. Bear. Owing to the exuberance of one fresher after one and a half pints, Mr. Bear passed an uncomfortable night in a broom cupboard, only to reappear still smiling at 9.30 a.m., the following morning. His only comment was, "These freshers get fresher every year, Boo-boo!"



#### LORD MAYOR'S SHOW

This year the procession will be held on SATURDAY NOV. 11TH Traditionally, City and Guilds College is asked to take part in the show. This year we are supplying XV buddy Guildsmen in the form of a rugby side to play against KING'S COLLEGE along the route between the floats representing Relaxation Recreation. As well as the Guildsmen in the procession, Guilds turn out en masse (c.f. Morphy Day) to support the procession and to make light work of any Kingsmen present.

The party of Guildsmen will leave from the front of the old Guilds Building at 9.45 a.m. to be at Ludgate Hill by 10.15.

Let's see as many on Nov. 11th as there were on Nov 1st.

## COMING EVENTS

by EDIT AMAMA

#### FRIDAY 10TH —

1. Film Society, Concert Hall — 7.00 p.m.
2. Links Club Dinner: Dining Hall: — 7.30 p.m.

#### SATURDAY 11TH:—

1. Lord Mayor's Show: Guilds will be half-way up Ludgate Hill from 10.00 a.m.

#### SUNDAY 12TH:—

1. Rugby Club Hop: Union: 8.00 p.m.
2. Dramatic Society Rehearsals: Concert Hall: 11.00 a.m.

#### MONDAY 13TH:—

1. Church Society Dinner: Dining Hall: — 7.00 for 7.30 p.m.
2. Phoenix will be on sale.

#### WEDNESDAY 15TH:—

1. Indian Society Social Evening: Upper Refectory: 7.30 p.m.
2. Dramatic Society Rehearsals: Concert Hall: 6.30 p.m.

#### THURSDAY 16TH:—

1. Union Meeting; Concert Hall: lunch-time.

#### FRIDAY 17TH:—

1. R.C.S.A. Dinner and Dance: Ayrton Hall
2. Chemical Engineering Society Dance: Upper Refectory:

#### SATURDAY 18TH:—

1. Catholic Society Hop: Union: 8.00 p.m.

#### SUNDAY 19TH:—

1. Felix Make-up Press Room: all day.

#### WEDNESDAY 22ND:—

1. Sailing Club Dance: Ayrton Hall: 8.00 p.m.
2. Dramatic Society Rehearsals: Concert Hall: 11.00 a.m.

Contributions for this column are welcomed. The next fortnight we will cover will be 24th November to 8th December.

## LAMLEY'S

TECHNICAL & GENERAL

BOOKS

ART MATERIALS

DRAWING INSTRUMENTS

STATIONERY

PAPERBACKS

1, 3 & 5 EXHIBITION ROAD, S.W.7.



# I.C.C.N.D.

There has been much controversy during the past weeks in the columns of both Felix and Sennet over the disbanding of the I.C.C.N.D. Group. The only common feature of these various writings has been their complete ignorance. It seems about time that the basic facts were published.

A motion was submitted in writing to the Secretary of I.C.U. calling for the abolition of the C.N.D. Group on the grounds of:

- i. Repeated breaking of I.C.U. rules,
- ii. Supporting the Committee of 100 which flouted the law,
- iii. Failing to fulfil the concept of an I.C.U. Society.

Under the first head it was agreed that the Group had broken nearly every Union rule, including carrying a banner with the name of the College on it. However, the same rule had not been broken twice and disciplinary action rather than abolition seemed logical. Under the second head it was stated that although individual members supported civil disobedience the society as a whole did not. It would therefore seem apparent that the society was abolished under the third head of not being a genuine Union Society.

It was suggested that Council should not have taken this decision but should have left it to the S.C.C. As the S.C.C. is merely a sub-committee of Council and all its decisions have to be ratified by Council, this argument is rather fatuous. The other cry was that the Chairman of I.C.C.N.D. should have been informed and invited to the meeting. In fact the Chairman of the I.C.C.N.D. Group was told verbally that the motion was coming up. In view of the seriousness of the motion it would have been sensible and courteous to inform the Chairman of the S.C.C. and the I.C.C.N.D. Group.

At the first Council Meeting of this session a motion was put by the S.C.C. asking that Council reconsider its earlier decision. As a reconsideration would imply lack of confidence in the previous decision it was pointed out that some new information was needed. As no new information was forthcoming the procedural motion "that the motion be not put" was carried. The Chairman-elect of the ex-I.C.C.N.D. Group was present but produced no information at all either new or old.

In order to clear up any misconceptions it must be understood that these decisions by Council are not disciplinary, but were taken because the C.N.D. Group as it was constituted did not justify its existence as a Union Society. If the C.N.D. Group wish to be re-incarnated then they must draw up a new constitution which will establish them as a society and merely a recruiting organisation.

## SIR ARTHUR ACLAND PRIZE, 1962

This prize is awarded annually for essays on general topics or scientific topics treated in a non-specialised way. A total of 25 gns. is available for prizes to be distributed as the examiners think fit. The competition is open only to undergraduates and the closing date for entries is January 16th, 1962. Full details are available at the Registry.



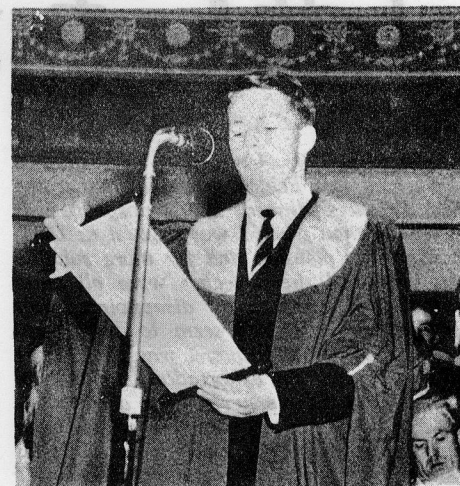
## COMMEMORATION DAY

Commemoration Day was held on Thursday, October 26th, this year, and the Special Visitor was Lord Hailsham, the Minister for Science. In his report the Rector emphasised the growth and vitality of the College. Of the four great building projects which are well advanced, the Electrical Engineering block should be finished by the Spring, and by the end of the year fresh demolition will provide space for further buildings, including the new Biochemistry block. A Sports Centre is to be built in Prince's Gardens as part of the major residential and social development there, and new Parasitology laboratories have been opened at the College Field Station at Silwood. The Rector concluded his report by saying that the College failure rate continued to fall, especially among the women students, among whom the proportion of first and upper seconds is higher than among the men.

In a long and very polished address, with a delivery reminiscent of Churchill, Lord Hailsham made very few actual points and committed himself to no definite policy. Typical of his speech was this paragraph: "But how is research to be financed? Who is to call the tune? And if the tune is to be called by the spirit of research itself, the logos as Plato puts it, carrying us along like the wind, what conceivable motive will be his who pays the piper?" However, the address was entirely in character, for Lord Hailsham

is by profession a politician and a lawyer, and it was very much a politician's speech.

A musical divertimento was provided by a small orchestra from R.C.M. and the singing was led by the I.C. Choir. The ushers seemed to be drawn exclusively from the ranks of the Rugby Club, and looked unusually dignified in their gowns.



The Student Orator, I.C. Secretary Martin Stacey.

## EAST GREENLAND

Due to a lack of experienced personnel, partly resulting from tragedies this summer, the proposed expedition to the Karakoram Mountains in 1962 has been abandoned. However, it is felt that there is enough experience in the College to organise a surveying and glaciological expedition to East Greenland. The glaciology will be an extension of the work carried out in Jan Mayen in recent years and it is hoped that it will lead to observations in East Greenland and Jan Mayen in years to come. The surveying will go hand in hand with the glaciology and will provide detailed coverage of an area where existing maps are incomplete.

We envisage a party of ten, comprised of:

- 4 Glaciologists
- 4 Surveyors/Climbers
- 2 Botanists or 2 Geologists.

Experience in glaciology and surveying is not essential, but people with knowledge of working on ice-covered terrain are to be preferred. All those interested are invited to contact the undersigned through the Union Rack. When applying, brief details of age, experience and interests should be given.

It must be emphasised that the expedition is only in the preliminary stages of planning and that those who go will be given a lot of hard work — plus a wonderful experience.

ARTHUR SMITH, JOHN SHEARD



## Editorial comment

Several complaints have been made to the College and the Union about the noisy behaviour of students late at night, presumably while on their way home from the Union and the local pubs. after a good night on the beer.

While the local residents may tolerate the occasional rag during the daytime they will certainly not take kindly to rowdy and noisy behaviour after 11.00 p.m. every Friday and Saturday night during term-time.

We should remember that the success of our Carnival depends on the generosity and goodwill of the residents, and any action which destroys this goodwill will rebound on us at Carnival time, so that it would be wise, for this reason alone, to walk home quietly.

Felix requires typists. The job only involves spending alternate Sundays in the Union typing out the copy. No great skill is required, but moderate speed is preferred. If you are interested, contact the Editor (Room 38, New Hostel, or via the Union Rack) or come up to the Press Room a week on Sunday.



# Letters to the Editor

Dear Sir,

I decided last Friday to be a host at the R.C.S Freshers' dinner. The atmosphere was less bawdy than when I was a guest in 1958; the wine was pleasant and far more suitable than beer and the speeches were all quite good, though I was a bit disappointed that the Hon. Sec. did not seem to know any jokes that were not risqué. I was glad to see that there were no exhortations to join in Morphy Day. I have never been able to understand those exalted members of I.C. who seem to consider such childish activities as fighting by a river, removing someone's trousers, singing filthy songs or anything to do with mascots as an essential component of the "spirit" of I.C. And as for those utterly meaningless chants beginning with such words as "Kangella" or "Boomalaka", their purpose is quite lost to me. It is chiefly among supporters of such activities that the ideas that I.C. is superior to any other college, that U.L.U. is a place scarcely worthy of a mention, and that we are practically a University on our own, are rife. And how ridiculous they are, we are little more than an overgrown technical college, where the government has decided to train as many scientists as it can, almost isolated from the more-thinking members of University life (e.g. at L.S.E.) and also from the majority of women students. I strongly advise all freshers to go over to U.L.U. where they will get a chance to get the most out of their spare time, or at any rate to join in actively in the I.C. societies; but why they should be expected to litter the passive River Thames with struggling students, I cannot understand, can anyone?

Yours faithfully,  
JOHN D. WHITE

Dear Sir,

After much consideration, I find the columns of Felix are the only place in which I can air my views on a purely academic matter. I refer to the farcical state of affairs which exists at present in the Physics Department, whereby a student cannot receive his degree until he has satisfied the language requirements in two languages, chosen from French, German and Russian. Surely a degree in Physics should be awarded on the student's proficiency in Physics, not modern languages.

Let us suppose a student obtains the equivalent of a first or second class honours degree, but has not passed his language test. Until he does so, he will, technically, have no degree and, what is more to the point, no grant for postgraduate study or research.

Whilst I admit it is highly desirable to have the ability to translate a scientific text. I maintain that it is positively ludicrous to bar a student from his degree because he cannot pass a language translation test. If he fails after three attempts, say, the language rule should be waived. Better still, why not abolish it? The University of Manchester took this progressive step two years ago and is still producing good scientists.

I myself am in the happy position of having fulfilled the language requirements, but I feel deeply sympathetic to those less fortunate.

It will be interesting to see if any member of staff this and has sufficient sense of justice to take up the matter.

Yours sincerely,  
J. PORTER, PHYSICS 3

## EXPEDITIONS — SUMMER 1961

IC had three expeditions in the field last summer — to Malta, Arctic Norway, and to Jan Mayen.

Although the expedition to Jan Mayen suffered a severe set-back, a small party went out later and were able to complete some of the glaciological work. It appears that all the glaciers on the island are now advancing and the results fully confirm those obtained in 1959.

Also above the Arctic Circle, four surveyors spent their vacation on the Oksfjord-jokul icecap in the far north of Norway. Seldom visited before, the glaciers were found to have retreated only a short distance during the last sixty years. One of the glaciers still calves into the sea — the only one in Norway to do so. A lot of interesting work could still be done in the area.

On a warmer note, the Underwater Club organised a diving expedition to Malta. Here eight divers relaxed in the waters of the Mediterranean carrying out Underwater Archaeology surveys. The area was mapped and a selection of classical pottery brought up from a wreck (200 feet down) of the 2nd century B.C.

All three expeditions were approved by the Exploration Board and the Royal Geographical Society. The proposed expedition to the Karakoram has been called off for this year. Proposals for expeditions for the summer of 1962 will be considered by the Exploration Board towards the end of this term. The closing date for applicants will be posted later.

Dear Sir,

In order to clear up a certain amount of confusion regarding the "Entertainments Committee's choice of Sunday" for the Guy Fawkes Celebrations at Harlington, I should like to point out that the purpose of the celebrations is primarily to provide an alternative source of entertainment for those students who would otherwise make their own in the vicinity of Trafalgar Square. The directive to hold the November 5th celebrations on November 5th came to me via the President of the Union and the Rector from the Senate of the University of London so that the decision was not in my hands.

Yours faithfully,

P.J. ALISON  
(Chairman, Entertainments Committee)

## QUOTES

"I'm a bastard, anyway."

President of R.C.S.

"Hi diddle diddle, where is Chris Liddle? Liberman's gone to the dogs."

Censored Council minutes.

"Every time I come in, that chap is washing up."

Young Q.A. lady referring to well known I.C. character's Q.A. type domesticity.

"I only came back from Cambridge for the Hop."

President of Guilds.

"But I only met you last Thursday."

R.C.M. young lady to I.C. young gentleman.

"Why does everyone treat me as a Mother-figure?"

ICWarian (Puzzled).



# On the Sight

by COLCUTT

Council has met, and it seems that the "good old days" are gone forever. For Council to decide that the long and tedious discussion of C.N.D. that they had last session was enough, and that the decision they came to last time was the correct one, seems fine. but oh, the manner in which this decision was reached!! There was a time when Imperial College was proud that it had no "procedure", no standing orders, and that any matter could be discussed sensibly and in a reasonable manner. Of course this system had its faults; once the meeting reached 8 p.m. "the few" became so fired by their own verbosity that the whole meeting degenerated into a morass of loquacity. Yet this was infinitely preferable to the melee of proposals, counter-proposals, motions, counter-motions, and motions that the motion be not put that made up this last council meeting. It is to be hoped that the President will be able to restore some semblance of sanity to Council before the next meeting.

Whilst thinking of C.N.D., it is worth nothing that the secretary to the S.C.C. recommending Council to reinstate the C.N.D., whereas in fact they asked Council to reconsider its decision. We realise how pro-C.N.D. is the secretary but surely this should not affect her reporting of the S.C.C. meeting.

What a scruffy lot I.C. students are! I was sitting in the Queen's one day last week, balancing my lunch on my knee, when I noticed how beer-stained my trousers were, so I glanced around at the other I.C. students present. Here was no ordered casualness, created for economy and comfort; just plain scruffiness. Never have I seen such a collection of unwashed bodies, silly inelegant tight trousers, pointed shoes and untidy haircuts. Even the briefest of conversations with

a few of them shows that their intelligence matches their appearance. If this College is trying to give a University education, then it is trying to give it to students who would have profited just as much at the local Tech.

The Bedford Union is to charge the I.C. Union £5 for supplying the girls for the Freshers' Hop. I hope you all had your money's worth. Thinking of women, four ladies from the Guilds Union were seen on Morphy Day hurling clods of earth. A pity they did not have stronger throwing arms — many Guildsmen still have dirty necks. Morphy Day was also remarkable in that the Hostel Wardens were only seen in pairs. In fact, Morphy Day was a great sport day, and it also ended the saga of the spanner. I hear that the R.C.S.-man, designated to plant the last clue on the trail has not been seen since he set off.

The trouser-removing Freshers' dinners reach their logical conclusion, with the sight of a trouserless Si Lyle wandering round the Union.

Judging from a "Sunday Times" report of a "P" report, Mooney is not the only refectory manager to suffer from students with kleptomania. U.C. is having the same trouble.

Max Finney, the Guilds secretary, has a fabulous filing system. No one else can understand it, but it all seems to hinge around a vast rubber ball, sitting in the centre of his hostel room.

The new Electrical building has been topped. The topping-out ceremony was carried out by the Rector, who poured in the last bucketful of concret, whilst the College flag and the Union Jack were raised. Rumours that the Jazz Band had been asked to render "God save the Queen" have been denied.

## SEVEN BRIDES FOR SEVEN BROTHERS

A musical is always a gay light-hearted film. SEVEN BRIDES FOR SEVEN BROTHERS is no exception and so much more. Many musicals tend either to be mere frameworks for the musical numbers or alternatively to have a plot to which the sudden outburst into song seems foreign. In the former you are presented with a cavalcade of music, song and dance with no linking story. In the latter, of which EXPRESSO BONGO was a prime example, you have this sudden break in continuity and are forced to wait five minutes for the next episode, during which time interest flags. In SEVEN BRIDES, Stephen Vincent Benet's charming American backwoods tale "Sobbin' Women" has been so adapted that the musical numbers enable the action to be continuously advanced. Adam, the eldest of seven brothers visits town in search of a wife. He returns with Milly who is dismayed to discover she must also care for his six dirty unruly brothers. On a family trip to town the six brothers find six girls but the town's young men intervene and, after a fight, the brothers have to retreat. On being told by Adam about the Rape of the Sabine Women they try to kidnap the girls and a preacher. The girls are captured, but not a preacher, and are snow-bound with the brothers for the winter. As in all musicals everything sorts itself out to make a happy ending. Memorable numbers are 'Spring', a glorious celebration of the season's arrival, and "Goin' Courting" in which Milly teaches the brothers to dance. A mention, of a few others emphasises the general quality — 'Wonderful Day', 'Bless her Beautiful Hide', and 'Sobbin' Women' — all presented well by Howard Keel, Jane Powell and the brothers. Michael Gidd's arrangement of the dancing is of a high order including a gloriously exuberant Barn Dance. This film is well directed by Stanley Donen, an experienced hand in musicals who was responsible also for FANNY FACE and THE PYJAMA GAME, and jointly with Gene Kelly for ON THE TOWN and SINGIN' IN THE RAIN. The result is one of the best post war Hollywood musicals.

A.J. WALKER



The Guildswomen mentioned by Colcutt; left to right, Sue Livingstone, Thelma West and Margaret Lodge.

## OPERA AND BALLET

A frequent complaint levelled by the beginner at Opera is that it is difficult to understand what is happening on the stage. When the Opera is sung in English, even if the translation is a trifle archaic, this difficulty is less acute, but even then the listener may have some trouble following the plot. A case in point is Verdi's "Il Traviatore". Here one can only advise a careful study of the programme notes before the start of the performance or preferably the student should read a little of the musical background behind the work, as well as familiarising himself with the essentials of the plot by reading the relevant article in some standard work on Opera like Kobbe's "Complete Opera Book" (A copy of which is in the Haldane library). Although some people will feel this is taking their pleasure rather seriously I am sure they will find the extra effort worth while in the added enjoyment and satisfaction they will get from understanding what is in progress on the stage. "Il Traviatore" will be revived at Sadler's Wells on Dec. 1st and subsequent performances will take place on Dec. 6th, 8th, 19th and 21st.

Recently London had the privilege of hearing Stravinsky conduct a concert version of his own "Persephone" — a melodrama combining music, dance, mime, song, and spoken recitation. Now Covent Garden is to stage the same work (Dec 12th, 13th, 15th and 21st) in a triple bill with two other one act ballets. In the new production the promising Canadian tenor, Andre Turp will sing the part of Eumolpus, while Beriosova will play the role of Persephone. The choreography will be by Fredrick Ashton, one of the Royal Ballet's most successful choreographers. Adaptions of Shakespeare's plays have always been very popular with Operatic composers — particularly Verdi who was responsible for three. The most recent adaption of this kind is Benjamin Britten's "A Midsummer Night's Dream" (Covent Garden Dec. 16th 22nd and 26th), though how much of the undoubted success of the work is due to Shakespeare and how much to Britten is a disputed point.

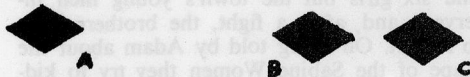
I.L. GIBSON



## OPTICAL ILLUSIONS

At a crowded meeting of the Mathematical and Physical Society held on Tuesday, October 31st, Professor Tolansky, once a member of I.C. staff, now Professor of Physics at Royal Holloway College, gave a fascinating talk on Optical Illusions and their effect on physical measurements.

The Professor began by showing some slides of natural methods of camouflage. In at least one case one had to take the photographer's word that there *were* insects on the tree in the picture. He then introduced his main subject, describing how his interest in optical illusions arose from some experiments of his on the hardness of materials. A diamond-pointed weight, dropped onto a flat surface, makes a square indentation whose size depends on the hardness of the material. When dropped onto the point of a certain type of crystal, the indentation is shown below.

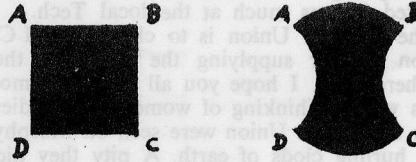


Believe it or not,  $AB = BC$ .

Professor Tolansky mentioned several examples where optical illusion could lead to a systematic error of as much as thirty per cent in physical experiments. The golden rule is: Never guess where you can measure.

Principles can be formulated for the construction of typical illusions. One's estimates of the length of a line depends on the position of surrounding lines, as in the well-known case shown at the top of the page. One's es-

timination of the radius of curvature of an arc depends on the angle subtended by it. A filled-in space looks smaller than an empty space of equal size. A black object against a white background looks smaller than a similar white object against a black background. Some these effects can be seen in the following illusion.



Only measurements can convince most on-lookers that the two figures are of equal area, and that in each case ABCD is a square.

In conclusion, he quoted the case of a five per cent discrepancy between measurements of radioactivity made (a) with a Geiger counter and (b) by visually counting the scintillations on a zinc sulphide screen. He concluded that those who watched the screen missed some of the momentary flashes of light because they spent five per cent of their time blinking.

Professor Fred Hoyle will speak at the next meeting of the Society, to which everyone is invited. This will take place next Tuesday at 4.30 in the Physics Building.



### DOMESTIC BURSAR'S BULLETIN

#### 1. QUITE A ROUND?

If one man owned all the property in Queen's Gate and collected a rent of £4 per person per week, every Christmas he could afford to buy one pint for every person in the U.S.A.

#### 2. HOLD YOUR BREATH!

Because the Earth is a barrage balloon it takes the whole population four years to inflate it. The extra day every leap year has been assigned by international agreement as a day of rest.

#### 3. CCC-CCP-IC

Once upon a time the Commonwealth Cricket Conference (CCC) commissioned Prof. C.B. C.B. Smallfry, B.A., L.I.S., from the Institute of Cricket, to ascertain the relative intelligence of the natives of the cricket playing Empire.

He worked out the numbers of cubic cricket pitches (CCP) per head of population for all cricket playing Imperial Colonies. His intelligence criterion (IC) was as follows: since the countries were of approximately equal cricketing standard, obviously the country with the lowest number of CCP's per person has the highest native intelligence. His results are published below:

England	100
West Indies	150
India	320
New Zealand	1000
Pakistan	1000
South Africa	5000
Australia	10000

Certain Colonies (Wales, Scotland, Canada, U.S.A., France) were not considered in this survey since they had not even the intelligence to play cricket at all.

## Jazz News

This year, as in every other year the, fall of the first trombone combination mute from the trees was the sign for Imperial College Jazz club to hold their first concert. The in-erudite mass of readers, ignorant of the yearly cycle of the Indian bean-tree like, may be unaware that this event occurred on Thursday 2nd November. A large body of people packed into the Jazz Club bandroom (known to some idiots as the Concert Hall) to hear four totally swinging groups. The whole thing was a gas! The trad. jazz band led by Ken Gibson blew the first set. I don't remember precisely what numbers they did expect that the last one was "Milenberg Joys". Anyway it was a most cohesive and swinging noise. A Rimshot Gold Star goes to Phil Cammerman for his bristling clarinet work.

The second group to appear was led by pianoing Stan Salmons, who, after some interesting reminiscences of New York, invited the audience to "take a number from one to four". The significance of this apparently way out invitation is that Stan blew the first number solo, added a bass (Dave Cain) for the second, trombone (Ken Gibson) for the third and drums (Mike Smith) for the fourth. Dig? The numbers were "Autumn in New York", Beethoven's Choral Symphony, "Love for Sale", and "Tangerine". Stan's approach to modern jazz has changed considerably since he last performed in concert, like. He showed increased maturity and originality. Rimshot Gold Star for Stan.

Th next group provided the climax to the concert. It was, of course, the Dave Cain Orchestra featuring megaphone vocalist Richard Rushton. The orchestra was introduced by Mr. Kenneth Gibson, that famed music-hall trombone artist, Mr. Gibson's speech was beautifully delivered and accepted with rapture by the audience. After tuning up, the orchestra went into "I got plenty of nutting" in their controlled pure jazz style. After a "Vamp till ready" Mr. Rushton entered and sang the vocal refrain, in his own unique manner. Then came an intensely moving minor passage played by Mr. Gibson. The number finished with an exciting tutti from the whole orchestra, played at double tempo. Rimshot Gold Stars go to Mr. Dave Cain (piano), Mr. Ken Gibson, Mr. Phil Cammerman (clarinet), Mr. Jonathan Higley (baritone sax), Mr. John Clint (G banjo), Mr. Leachin Thims (drums). (Thank you Mr. Thim!) and Mr. Richard Rushton (megaphone vocal).

The concert was wound up by the phenomenally funky "Jazz Consortium", or to be more accurate, 4/5 of the Jazz Consortium and baritone sax. John Higley was depping for Walter Skinner. The group consisting of Gibson (tromb.), Higley (bari), Rushton (piano), Cain (bs.) and Smith (drs), ladled out soul in their rendering of "Dance of the Ungulates", "Moanin'" and "Night in Tunisia". Rimshot Gold Stars all around.

As a result of the Dave Cain Orchestra's performance, it is proposed to nominate Mr. Dave Cain for "New Star 1961" in the Downbeat magazine poll. He already holds the title "Mr. Modern Jazz 1912".

To finish on a culinary note, I would like it to be known that a superb recipe for trombone combination mute soup can be obtained on application to Ken Gibson.

RIMSHOT



# Crossword

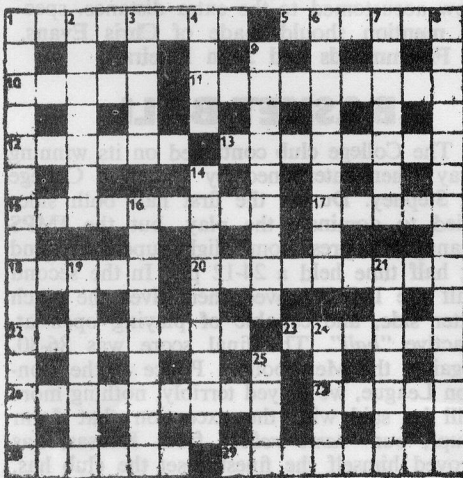
by REGUS

ACROSS.

1. She is ridiculed and becomes an insect. (8).
5. On reflection these could be intangible, but sometimes replicas. (6).
10. Get together! (5).
11. Yon M.P. used a false name. (9).
12. Her tot is not as cold as it seems. (6).
13. Male servant or attendant. (8).
15. A flowery mythological character. (9)
17. You carve your own from your backbone. (5).
18. What Jack did at home. (5).
20. Is it preceded by space and time all the time? (9).
22. Ape-like creature that gives a chap the turn-around. (8).
23. Horse and carriage. (6).
26. Performance puts the finisher in the ring. (9).
27. We still came fourth without you appearing. (5).
28. They always reply in the affirmative. (3-3).
29. Some say it's made of cheese, and if it eats itself it will be this. (4,4).

DOWN.

1. Fatalists tell you to do this the day before you expire. (5,3,2,5).
2. Hobo's ship? (7).
3. Half of this is two beats. (5).
4. Trap your attention. (4).
6. Leo's valet probably addressed him thus when he was painting. (2,2,5).
7. Entice with half a horse to suggest heredit. (7).
8. You might think the moon came from the West Country bringing sixpence from the writer. (8,7).
9. You don't engage one, two three or four when doing this. (9).
14. Irish and Scots can do this when conversing in their native tongue. (3,5).
16. Come between combatants. (9).
19. There are nine in baseball. (7).
21. Experience below me. (7).
24. Mostly lawful but unpleasant. (5).
25. Soviet and secret. (4).



ARE YOU going to R.C.S. Carnival, Neolithic Lights? Friday 1st December, 9.30 p.m. to 6.00 a.m., only one guinea.

On the evening of the P.G. Mines Freshers' Dinner, Oct. 20th, a brown raincoat was taken by mistake. This is now waiting to be collected in the Union cloakroom.

## HOCKEY CLUB

### 1st XI STILL UNBEATEN

The 1st XI have now played six games without defeat. Since the last report Dulwich II-XI, UC and Epsom have all been defeated. We were perhaps fortunate to beat Dulwich and UC, as the forward line didn't really "link" in either match. However, they took their chances well and the defence performed admirably. In the Epsom match he forwards at last found their form and with the defence once again emerging unbeaten we had our best match of the season. This form was particularly heartening as this was the 1st round of the UL cup when we once again meet King's College. The team for this match is: Sham, Peters, Sinclair, Skinner, Jorvit, Anketell, Phillips, King, Carter, Panesar and Clarke. The result of the cup match is in the stop press. Should we be successful on Wednesday our main rivals for the cup will be the winners of the UC v. LSE match, but it is dangerous to make any predictions at this stage.

The second team beat Dulwich and drew with Epsom, while the 3rd team lost at Dulwich and beat Epsom. The fourth team however lost both matches and are finding it difficult to combine together as the team changes from week to week. On the whole the club have enjoyed a successful start to the season. The captain is particularly pleased with the keenness shown by all members in ticking off early and regularly and if this spirit is maintained a good season is in sight.

	P	W	D	L	Goals F	Goals A
1st XI	6	5	1	0	12	3
2nd XI	4	2	1	1	17	8
3rd XI	4	1	1	2	5	14
4th XI	4	0	1	3	2	21

## SWIMMING CLUB

An influx of talented and enthusiastic freshmen has put new life into last year's somewhat faded Swimming Club. The return to College on ex-IC captain, Roger Harford, strengthens a swimming team for which high hopes are held in this year's UL championships. For the first time in memory, the outlook is more favourable for swimming than for water polo, but three teams are being fielded regularly and adequate reserve strength is available.

On the first Friday club evening, the second team had a close win over a UC-I swimming team (37½ to 36½), Godfrey and Cliff Davies winning individual events. The UC team was far superior in the polo winning by 5 goals to 1. The new IC first team playing its first match as a team, beat Barclays Bank 3-1. Jones was impressive as a safe-keeper whilst Harford, Davis and Tedd combined well.

An IC team, depleted by the withdrawal of UL players, managed to draw a swimming fixture against Cardiff University, Hennessy and Peggs being winners of their individual event. The home side fielded a strong polo team including a Welsh International and won a hard game (8-4), although IC had them down to 5-4 at half time.

The highlights of this term's program is the IC Intercollegiate Carnival at ULU Pool on Friday evening, December 8th. The President's race always raises a laugh and it's possible that the true form of certain ICWA swimmers will be revealed for the first time.

The big question is whether Guilds' four year stranglehold on the waterpolo cup can be broken. This doubtful but it's no secret

## IC BEATS OXFORD UNIVERSITY (4-3)

On Wed. 1st November, the IC Judo Club paid a visit to Oxford for their first match of the term. The contests were conducted with the dignity associated with the older University their Dojo being inside an old church dimly lit with delightful chandeliers! In the first contest M. Potterill fought hard but was eventually beaten on the ground by the Oxford man. P. Williams drew the next contest after a strenuous battle. The first IC win came after John Milson quickly threw his opponent with *ko-soto-gari*. Unfortunately we received a set back in the next two contests, Clive Cohen just losing by a *wasari* (half-point) and John Downing met the Oxford Goliath but was unable to repeat David's performance.

At this point we were losing by three contests to one, but Mike Warne quickly improved the position, first gaining *wasari* with an *O-soto-gari* throw and immediately following up with a *kesa-gatame* hold down for the full point. Roger Simons continued the improvement first with *tai-otoshi* and then *kesa-gatama*. This brought us level with Oxford on contests for the last contest between the captains of the teams. Our hopes were temporarily dashed as John Bowles soon lost a *wasari*, but then took the advice of the Duke and set about to rectify matters. He levelled the score with *tai-otoshi* and then went on to win with *kami-shio-gatame* hold down. Thus IC won with 4 contests to 3, one being drawn.

## FELIX SMALL ADS.

R. C. S. is taking a coach to Birmingham on Friday 17th Nov. and there will be a few seats available — at a reasonable charge. Anyone interested contact C. Wade Physics 3 or J. Rayner Maths. 2.

FOR SALE 1935 Morris 10/4, M.O.P. tested till October 1962. Engine etc. in good condition. Price £35, o.n.o. Jeff Keen via Physics or Union Rack.

ARE YOU going to R.C.S. Carnival, Neolithic Lights? Friday 1st December, 9.30 p.m. to 6.00 a.m., only one guinea.

FOR HIRE Per £2 nightly. '47 Rover 14 complete with Bedford fresher (alternate nights only). C. Mingo, Phys. 2.

FLAT - SHARING syndicate being formed. 3rd year engineer appeals to fellow students to leave their landlady-ridden rut and live for a change. Contact L. T. G. Lait via C. & G. rack.

## STOP PRESS

U.L. Hockey Cup 1st Round:

I.C. 1 — Kings 0

Dave. Wilbraham elected Vice-President of U.L.U.

Bo made Brighton and awarded medal.

Scrutiny sold out first day.

that Guilds can't possibly have less supporters present than last year. It is hoped that both RCS and Mines will again tude in force at IC's Annual Outing to ULU. The new bar at ULU will be suitably christened and the peaceful lives of the neighbouring publicans badly shattered.



## CROSS COUNTRY



The victorious R.C.S. Morphy crew at the boathouse.

### R.C.S. take Morphy, Guilds win Lowry

R.C.S. won the Morphy Cup on Wednesday 1st November for the second time in three years, by the convincing margin of 2 lengths over City and Guilds. At the star in the first three minutes of the race, the cohesion and power of the experienced R.C.S. crew enabled it to take a comfortable lead, and at the milepost it led the Guilds crew by  $1\frac{1}{2}$  lengths with the Mines a further  $\frac{3}{4}$  lengths behind. The distances between the three crews gradually increased, and by Beverly Brook R.C.S., now striking 31 and rowing with a comfortable stride, led Guilds by nearly 2 lengths with Mines now trailing by  $1\frac{1}{2}$  lengths. Content with their lead, the R.C.S. crew virtually coasted home to a 2 length victory over the now desperate but tiring Guildsmen, whilst the Mines crew dropped further behind to finish 3 lengths behind Guilds. All three crews raced well and had Guilds not been handicapped by lack of training outings they might well have made the R.C.S. crew fight harder for their win.

The Lowry crews were started promptly and Guilds, striking 37, took an immediate lead of  $\frac{3}{4}$  lengths over Mines and R.C.S. After 1 minute. Guilds had increased their lead to 1 length over Mines, with R.C.S., now trailing by a further  $\frac{1}{2}$  length. At Beverly Brook the Mines crew had reduced the Guildsmen's lead to  $\frac{3}{4}$  length and maintained

a lead of a canvas over R.C.S. It was only in the last few hundred yards that a desperate effort by the R.C.S. crew enabled them to pass the Mines, but by this time Guilds, rowing well together and with great determination, had made sure of the race by  $1\frac{1}{2}$  lengths. The Mines crew, which contained four novice carsmen, eventually finished only  $\frac{1}{2}$  length behind R.C.S., a very fine effort. This was a better race than the Morphy, although the result was never in doubt after the first quarter of a mile.

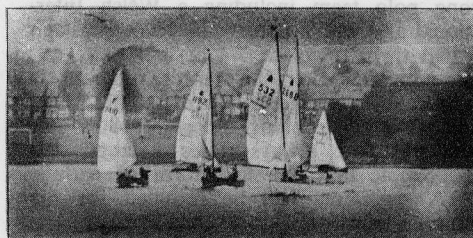
Both races showed a wealth of promising talent for the I.C. Boat Club to draw upon this year and the club expects to do well in its sphere of connection later on. The exacting job of selecting crews has now begun and this year's first VIII should be at least as good as last year's. The first big event is not until the Head of the River Race in March, although numerous other fixtures must be met and overcome on the way. The policy of the I.C.B.C. is to build a keen and fit series of crews that will acquit themselves well in the Summer Regatta Season and this was stressed in the after Dinner speeches on Wednesday evening. The Dinner was its usual riotous success, and emphasised the fact that the Boat Club offers a degree of social entertainment in addition to its normal activities.

## SAILING CLUB

The season has opened with tremendous enthusiasm being shown by all members, largely because of the one month sailing, pay later plan.

In the points racing, the first "B" points was won by Penny Howard, with Mike Stickland and Peter Hitchcock 3rd and 4th. "A" points was won by I.C. with Stevie Vines first Eric Twiname, a fresher, second and David Pentz 4th. The second "A" points was won by Eric Twiname with David Pentz well placed. The Commodore having decided that too many I.C. helmsmen were appearing at the front of the races removed one with a violent luff.

In the three cornered match with U.C. and Southampton, I.C. came second, even though one member of the team left his boat in mid stream.



The second team match played at Peterstam on October 26th proved to be a decided victory for our opponents, Shoreditch, who won 30-76.

The following Saturday the Club, somewhat weakened by the University match against Cambridge, put out two teams against Goldsmiths' Q.M.C. at the latter's home course at Dytchleys. The match proved an overwhelming victory for I.C. — the final score being 1. I.C. "A" 18 points, 2. I.C. "B" 38 points, 3. Goldsmiths 41 points, 4. Q.M.C. 42 points.

Wed. 1st Nov. brought the second U.L. League I match of the season held at Hadley Wood, Barnet United Hospital's course. The course was over completely unknown ground. The race was won by Mike Heck (L.S.E.) and Pete Littlewood (Barts) with our first man John Collins, third. John Cleator and Jim Bernard also had a good race coming 7th and 8th in spite of going off course. Despite I.C. being much weakened by injuries we managed to win convincingly. 1. I.C. 252, 2. Kings 210, 3. Barts 209 $\frac{1}{2}$ , 4. U.C. 162, 5. L.S.E. 119 $\frac{1}{2}$ . This now puts I.C. in an extremely strong position at the top of the League.

The following Sat. 4th Nov. I.C. sent two teams to the Woodbury Road Relay at St Lukes, Exeter. This was a new fixture quite similar to our own Hyde Park Relay being over a tough hilly 6 x 2 $\frac{1}{2}$  miles. 23 teams entered being mainly from West of England colleges and clubs with quite a contingent of U.L. teams. Pete Roy gave our first team a good start by handing over in 6th position. Ian Linkeleter, a fast improving runner, then took us through to 4th. The next leg saw U.L.'s new star Farringdon, a fresher, take U.C. through from 7th to the lead while Jeff Greenleaf dropped into 2nd place. Jim Bernard took us back into 4th place which Paul Clifton held in the next leg. By this time Bristol University and Devonport were well in the lead battling it out with U.C. still well ahead of I.C. John Collins in a superb run brought us out of this situation with the third faster lap of the day to give the I.C. team third place.

It is pleasing to note that some really promising freshers are coming to the fore as they grow accustomed to the extra distance. special mention should be made of Chris Evans, Jo Fitzimmonds and John Pereira.

## BASKET BALL

The College club continued on its winning way when entertained by Battersea College at Stepney. During the first half both sides tried to dominate the play, but the IMPS managed to press home slight superiority, and at half time held a 24-12 pts. In the second half the IMPS proved themselves the much fitter side, and capable of playing open attractive "ball". The final score was 86-30. Against the Metropolitan Police in the London League, we played terribly; nothing more will be said with the exception that John Rupf, our "tame rebel" from Kansas, has proved himself the finest asset the club has, having maintained consistent form in all four matches (P.S. The result againsts the "Men in Blue" was 44-41).

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