

# The Student

Vol. XXXVI

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No. 1

## Editorial

### DEMOCRACY!

Democracy, which to us means to live as we have always lived, is now withstanding, and we are proud to say ably, the attack of one of the cleverest and best equipped enemies she has ever encountered. This enemy, born of the greedy desire of a misguided genius, is not only threatening the destruction of our great Empire, but also the destruction of the democratic system which we know to be the only system of government under which there can be "Good will to all and peace among men."

As always before, England is leading the way, displaying a solid front-line against aggression. The front-line is not the only determining factor in victory or defeat; rather, it is the united effort of thousands of unsung heroes who are keeping up, to the breaking point of body and mind, the industrial, social, and economic struggles necessary to crush the efforts for world dominance of the dictators.

Now, let us look at Australia. We are fighting the same battle, against the same enemy, as the Motherland—are we doing our utmost to preserve the existence of democracy by giving our all to a great united effort?

We say we are!

Some really think we are!!

Let us compare the factory hands of England, who are working for a number of hours per day which in peace time would be the hours of only housemasters and milkmen, with our Australian working classes, who consider it fashionable to strike every now and then as a part of normal routine, holding up production of materials essential to the war effort. Whether these strikes are the fault of the men or of the administrative powers is immaterial, but it raises the point—Is the democratic system suited to the easy-going temperament of the Australian people under war-time conditions? This is far more important than any temporary hold-up in production or social injustice.

Do we realise the danger we are facing, or is it that we are just too lax in our sense of duty to democracy, and that is ourselves, to worry? We must follow the example of the people of England and rally against aggression.

Is our faith in democracy declining in Australia? One is led to believe so, and it is for us of Australia to show Britain that in us she has an ally who, together with the rest of the Empire, will stand by her to the last inch in the defence of our great democratic heritage.

R.M.B.

"Et conflagunt gladios suos in vomeres et lanceas suas in falces."

# AGRICULTURAL COLLEGE

ROSEWORTHY, SOUTH AUSTRALIA.

*Ministerial Head:*

The Hon. MINISTER OF AGRICULTURE.

*Advisory Council:*

Dr. A. R. CALLAGHAN (Chairman).

Professor J. A. PRESCOTT.

H. R. MARSTON.

Dr. C. FENNER.

L. J. COOK.

L. S. SMITH, Secretary.

## Administrative Staff:

*Principal:*

A. R. CALLAGHAN, D.Phil. B.Sc. (Oxon.); B.Sc.Agr. (Syd.).

*Housemaster and Lecturer in Book-keeping:* J. W. GOULTER, A.F.I.A.

*Lecturer in Chemical and Physical Sciences:* A. R. HICKINBOTHAM, B.Sc., B.Ed., Dip.Ed., A.A.C.I.

*Secretary and Accountant:*

B. C. PHILP.

*Plant Breeder:*

E. J. BREAKWELL, M.Ag.Sc., B.Sc.Agr.

*Acting Assistant Horticulturist:*

B. CONWAY, R.D.A.

*Horticulturist and Oenologist:*

J. L. WILLIAMS, R.D.A.

*Acting Assistant Farm Superintendent:*

G. P. ROE, R.D.A.

*Cereal Chemist:*

E. M. HUTTON, B.Ag.Sc., M.Sc.

*Poultry Superintendent:*

F. W. GILBERT.

*Instructor in Dairying:*

V. R. McDONALD, H.D.A., H.D.D.

*General Mechanic:*

H. R. NOURSE.

*Sheep Instructor:*

D. S. THOMPSON, H.D.A.

*Laboratory Assistant:*

W. J. H. JAMES, R.D.A.

*Farm Superintendent:*

R. H. JONES, R.D.A.

*Field Officer:*

D. H. S. MELLOR, R.D.A.

*Gardener:*

W. G. FAIRLIE.

## VISITING LECTURERS.

*Veterinary Officer:* W. S. SMITH, B.V.Sc. *Microbiology:* J. C. M. FORNACHON, B.Ag.Sc.

*Woolclassing:* A. H. CODRINGTON. *Woodwork:* P. T. TAYLOR.

MEDICAL OFFICER.

Dr. J. S. COVERNTON, Gawler.

# Principal's Address

## Speech Day, 1940

Speech Day 1940 was particularly well attended, the dining room was full and a number of people had to be satisfied to eavesdrop from the entrance hall. The Premier (Hon. T. E. Playford) attended and in addition to presenting the prizes, he unveiled a Memorial Plaque recording the foundation of the Gramp-Hardy-Smith Memorial Prize. This addition to the usual Speech Day ceremony attracted many old friends of the College, especially from the wine industry.

Unfortunately the Hon. Minister of Agriculture was unable to be present, and probably for the first time in the history of the College, the Principal, as Chairman of the Advisory Council, presided at the function.

It was the eighth occasion on which Dr. Callaghan had given the Speech Day address, and his review covered the fifty-fifth scholastic year of the College.

The following excerpts from the Principal's remarks will serve to convey the items of chief interest.

"The presence of such a large and representative gathering here this afternoon, however, bears testimony to the prestige which the College now enjoys. By way of further evidence I would like to tell you that enquiry from prospective students so far has been unprecedented, and although our new year does not begin until the 11th April, I can already say with some degree of certainty that over thirty new students will arrive on that day.

"Unfortunately the war is taking a number of our older students, and we proudly, although a little sadly, acknow-

ledge the enlistments of Students Shegog, Winser, Ryan, Martin, Ingoldby, Cashmore, Lake, and Dean. Mr. Hay, the Assistant Horticulturist on the Staff, has enlisted in the Air Force and he will be sorely missed when the time comes for him to leave us.

"The disheartening subject of war is brought forcibly under notice to-day by the presence of so many students in uniform."

He then went on to say that College routine has been seriously disturbed by militia training since the outbreak of war. "However," he continued, "we have a clear duty to perform and a just cause to defend. Knowing this, and realising the psychological upset we have been through, I am sure that while you share my regret that the studies of our young men should be so harshly interrupted, you would not wish them to do other than what they are doing by way of preparing themselves to defend our country.

"While the martial atmosphere of the times is apt to remain uppermost in our thoughts there are many other phases of College life and interest to which I wish to refer. Even at the risk of making many of you drowsy, I intend to indulge my enthusiasm on the subject of the proper dissemination of research findings, in the hope that some day someone will keep awake and realise the need for a more effective policy.

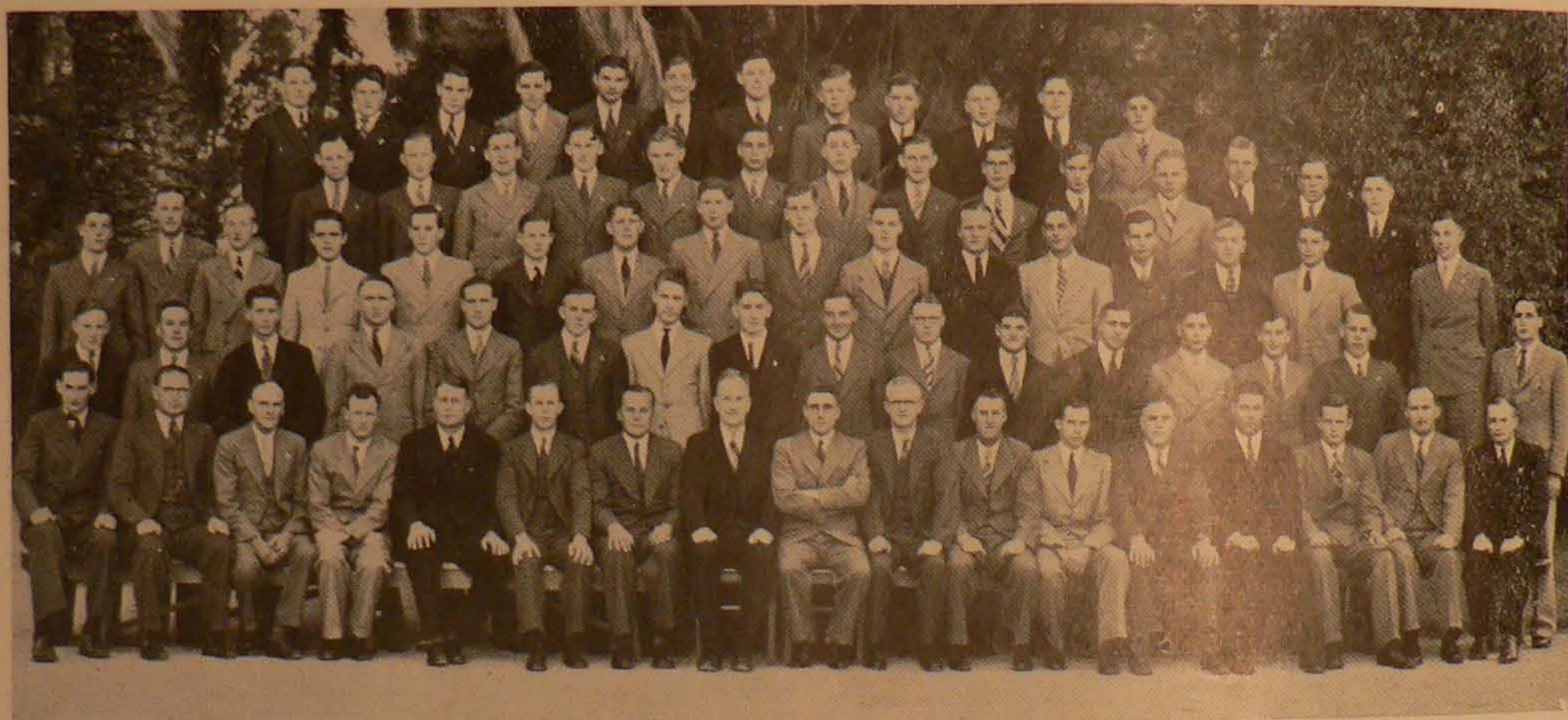
"During the whole period of my Principalship at Roseworthy I have developed the policy of the College to fulfil the function of serving as the important and indispensable link between research organisations and the primary producer.

In fact, one of my most urgent duties was to convert the community, and especially a few men in high places, to the fact that the work of the C.S.I.R. and the Waite Institute, although related, was quite distinct from the work of any agricultural college.

“If research work is worth doing, surely it is futile to do it unless we intend passing the information on to those whom it is meant to serve. Unfortunately the research officer can't just put it on a plate and hand it out.

other research efforts receive such a stimulus that they race forward in their discoveries there is a tendency for a new problem to be elucidated before the previous one has entered the channels of ordinary knowledge. This to my mind is precisely what is happening.

“The research atmosphere in agriculture has been all pervading to the extent that it has stolen the limelight and so dominated the outlook in Australian agriculture that public opinion



COLLEGE GROUP, DECEMBER, 1940.

In fact, he is apt to go from one problem to another in the true spirit of enquiry—quite rightly, I think, for his job is to add to fundamental knowledge, and he shouldn't be expected to shout his work from the housetops in language everyone may understand.

“Research involves fundamental scientific investigation which contributes to new knowledge. It is the beacon of progress. The more new knowledge it makes available, the greater becomes the problem of education. In other words the faster the research worker turns out new knowledge the more extensive becomes the job of teaching. If by some chance or

has been trained to think in terms of research and seldom hesitates to provide funds for its prosecution. As I have maintained on other occasions education and extension services in the meantime have had to be content to bask in the reflected glory of their more dignified brother.

“Education represents the link between research and the dissemination of its findings. Consequently, one of the most important functions of education in primary production is to train extension workers. Certainly to train research workers is also a function of education, but the tendency at our universities these days (I say tendency,

mark you) is for research workers to train research men to do research work. The work of training extension officers has been, and still is, the function of our agricultural colleges.

"I hasten to assure you, Mr. Premier, that my argument is not parochial; I have the whole field of Australian primary industries in mind. I know and gratefully acknowledge that what has been done for Roseworthy College in the last few years has been a measure of the public estimation of its worth. What I want to emphasise is that public opinion must learn to realise that the research men have had a pretty fair go, such a good spin in fact that we are finding it difficult under existing circumstances to keep up with them. Research should, and must, go on, but my plea is for a realisation of the need for the proper education of those entering the education and extension services. Once the need is fully appraised, then funds will automatically become available to stimulate and accelerate the work.

"All the agricultural colleges of Australia are forced to carry out their important duties understaffed and certainly lacking a fully trained technical staff. I must say that I am exceedingly proud of what my staff accomplishes; we can do no more, but what a splendid job we could make if only we had time to read everything we should and keep right up to date."

The Principal then referred to some of the agricultural highlights of the year in the following terms:—

"Realising the power of truthful propaganda I have a habit of comparing results with past records, and I am often facetiously asked whether we've broken any records at College during the year. To this I have a standing reply. For four years ago our average wheat yield per acre exceeded 22 bushels for the third

consecutive year. This was a record. Since then we've contrived to break that record regularly. So that now I can announce that our average wheat yield last season was 24 bushels 14 lbs., and this represents the seventh consecutive season we have obtained over 22 bushels, per acre, breaking the record created last year, when the sixth consecutive yield of over 22 bushels was obtained.

"By this I mean to tell you that our farming has not deteriorated. I announced at Speech Day last year that the College had won the All Australian Export Lamb Competitions for July and August, 1938. Since then it was announced that these lambs had won the All Australian Grand Championship. This I think speaks for itself, and its significance is the easier to realise when I tell you that our entry for the Championship competed against 154 entries drawn from every State in the Commonwealth.

"While on the subject of sheep I would like to refer to the recent importation of a Southdown ram and ewe from Great Britain. When war was declared difficulty arose concerning their shipment, but sterling efforts on the part of our Trade Commissioner and Agent-General (Sir Charles McCann) led to their shipment. In spite of magnetic mines and lurking U-boats they arrived safely last week."

The Principal then said he was pleased to announce that a new dairy and dairy equipment was to be provided this year.

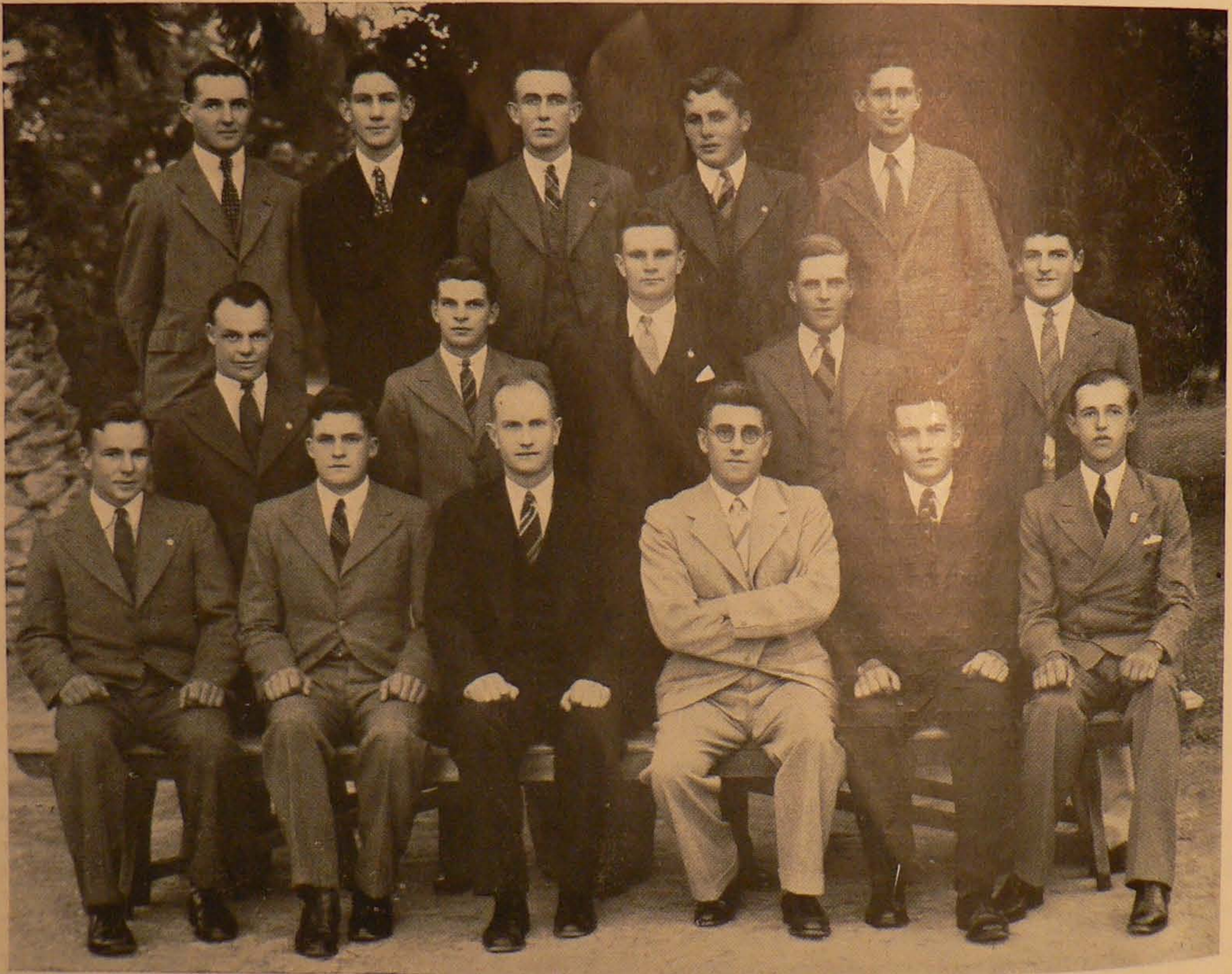
"While it will be sad to part with the equipment we now have it is consoling to know that it will still do some service in the old machinery museum on the Adelaide Show Grounds. If nothing else the old butter worker will serve to illustrate the enormous progress that has been made in technical efficiency

during the forty-five years it spent at Roseworthy Agricultural College.

“Through the courtesy and co-operation of the Council for Scientific and Industrial Research, coupled with a realisation of the importance of the work by the Government, refrigerating and other equipment has been installed at the cellars to enable us to undertake work in grape juice manufacture. A statement covering this matter has already been made to the press. (To some it might seem that grape juice may be anathema to many of our wine-making friends here to-day, but anything that will relieve them of handling

more grapes at a loss is obviously to their advantage!)

“Before beginning on purely student affairs I want especially to draw attention to the splendid work that is being done by our College plant breeders in the production of new varieties. This year we are disseminating seed of a new variety of wheat, Rapier. This is but a beginning, for in the breeding plots there are a number of exceptionally promising lines, all of which possess superior characteristics in some form or other over existing varieties, and all are of satisfactory to excellent baking quality. We have also named a new



DIPLOMA CLASS, DECEMBER, 1940.

Rear: J. A. Searson, R. M. Butterfield, W. T. Farmer, D. H. Morgan, J. W. Goldney.  
 Centre: K. E. Pryor, L. W. Pym, W. Nottage, J. I. Wilkinson, E. J. Snook.  
 Front: R. M. Feuerheerdt, A. H. Waters, Mr. J. W. Goulter (Housemaster), Dr. A. R. Callaghan (Principal), N. P. Brookman, P. Ingoldby.

Photograph taken in second year. J. G. Rudall and S. G. Williams were absent on military duties. Ingoldby and Nottage left the class.

barley Maltworthy, which has been designed to replace Prior, and a new field pea, Collegian, which is an advance on the present widely grown variety, White Brunswick."

Attention was then drawn to student affairs, and the College Tennis and Cricket teams were congratulated on winning the Intercollegiate Tennis contests and Gawler Cricket Association Premiership respectively.

The Principal remarked that the scholastic year had been difficult. "The emotional and general psychological effect due to the declaration of war amongst young men of this age was much greater and more severe than most people imagine. This was especially so in College, with all the lads wondering, thinking, talking, and, like most of us, getting nowhere. Superimposed upon this mental unsettlement were the interruptions caused by Militia Camps at a time when they could least be afforded. With half the College in camp in October we had to suspend all class work. When they did return from Camp we had to proceed at full speed, in spite of the pressure of harvest operations, to make up lost ground and endeavour also to finish before the three months' camp began at the end of January. We did our best, and I believe for the most part that the students did theirs and came through a difficult period with splendid results." After referring to specific results and congratulating the recipients of honours and prizes the Principal closed with the following remarks:—

"Although a disturbed and difficult year due to causes outside our control, internally the year has been peaceful, reasonably law-abiding, and above all harmonious. In fact, the happy relations that have existed between the

staff, the students, and myself have undoubtedly been a notable feature of the year. This I feel has been engendered by mutual trust and understanding, coupled with good fellowship and a genuine desire to fulfil the true function of College life on the part of students and staff alike."

—:o:—

#### OENOLOGY DIPLOMA LIST, 1940.

In Order of Merit.

10—Thomas William Carlyon Angove, with Second Class Honours.

11—Frank Berry Smith.

#### PRIZE LIST.

Gold Medal (presented by Mr. Leo Buring for the highest aggregate in all Diploma subjects)—T. W. C. Angove.

Prize for Individual Study (presented by Mr. Karl Weidenhofer)—T. W. C. Angove.

Tasting (presented by Mr. R. H. Martin)—T. W. C. Angove.

#### AGRICULTURE DIPLOMA LIST, 1940.

In Order of Merit.

530—Geoffrey Palmer Roe, with Second Class Honours.

531—Charles Frank Peter Irwin, with Second Class Honours.

532—John Lawrence Carmichael.

533—Harold Cyril Nourse.

534—Robert Lyle Shegog.

535—Gordon Scott Brown.

536—Alfred Ernest Humble.

537—Murray Rufus Goldney.

538—Peter Kimber Pugh.

539—Paul Coulson Parkin.

540—John Willard Reddin.

541—William Andrew Michelmore.

542—Alexander Compson Richardson.

543—Jeremy Shapland Fry.

544—Brian Percival Bidstrup.

#### PRIZE LIST—YEAR 1940

The Gramp, Hardy, Smith Memorial Prize (presented by The Winemakers' Association of South Australia to the student showing the best all-round character and ability, taking into specific consideration qualities of scholarship, manliness, leadership, and sportsmanship)—G. S. Brown.

### THIRD YEAR STUDENTS.

Gold Medal (presented by the Royal Agricultural and Horticultural Society for the highest aggregate in all Diploma subjects)—G. P. Roe.

Second Aggregate Prize (presented by the College)—C. F. P. Irwin.

Old Students' Cup (presented by the Roseworthy Old Collegians' Association for the highest aggregate in Agriculture and Animal Husbandry)—G. P. Roe.

Outside Work (presented by the Albert Molineux Memorial Trust)—G. S. Brown.

Practical Examinations (presented by the Members of the Advisory Board of Agriculture)—G. P. Roe.

Morphett Prize in Dairying (bequeathed by the late Mr. A. H. Morphett)—C. F. P. Irwin.

The Haselgrove Prize in Viticulture (presented by the late Mr. C. F. Haselgrove)—G. P. Roe.

### SECOND YEAR STUDENTS.

Dux of Year (Silver Medal presented by the Gawler Agricultural Society)—R. M. Butterfield.

Second Aggregate Prize (presented by the College)—L. W. Pym.

Agriculture (presented by the Principal)—D. H. Morgan.

The T. G. H. Buring Prize in Viticulture—W. T. Farmer.

Morphett Prize in Dairying (bequeathed by the late Mr. A. H. Morphett)—R. M. Feuerherdt.

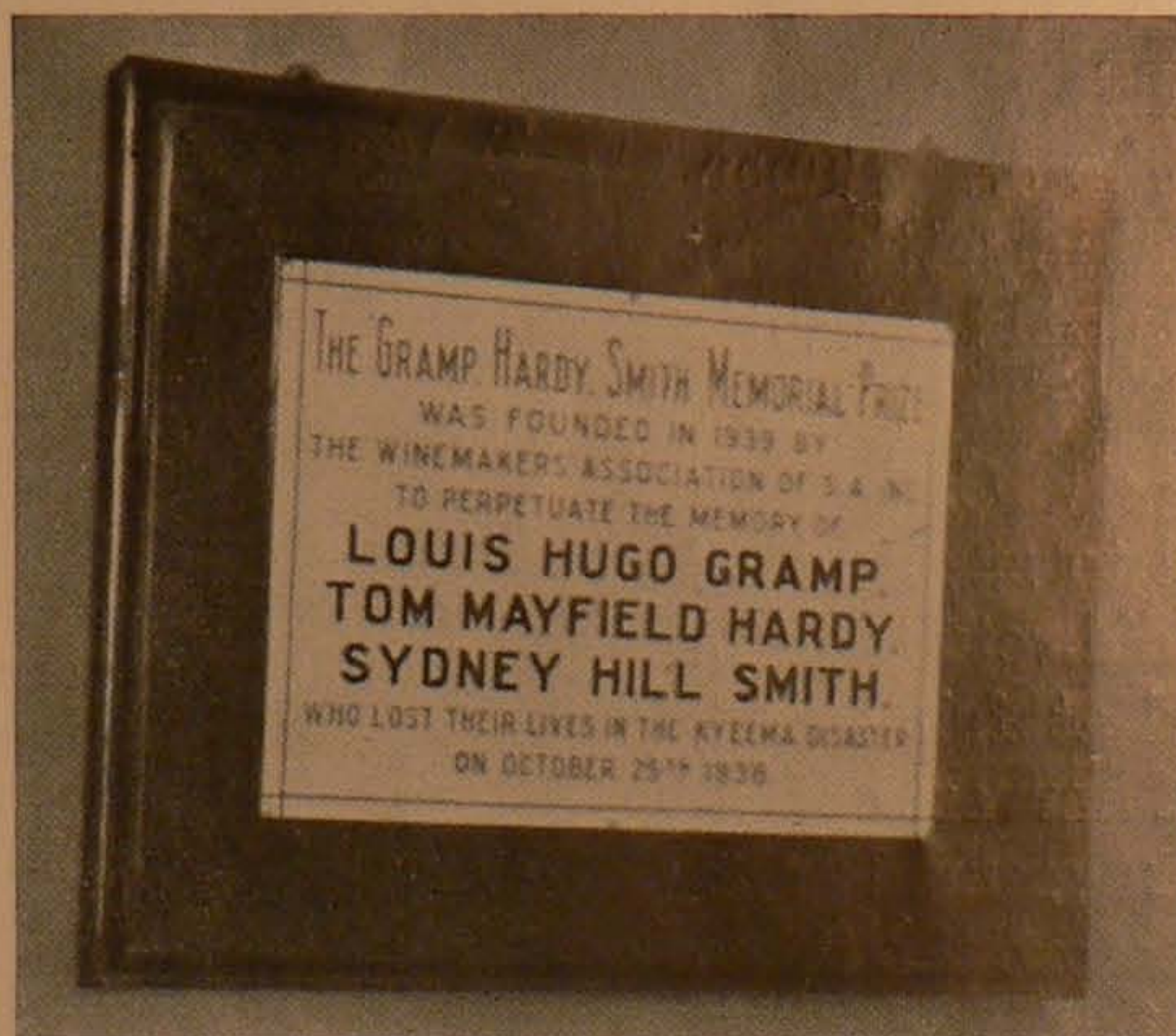
Outside Work (presented by the Albert Molineux Memorial Trust)—R. M. Butterfield.

### FIRST YEAR STUDENTS.

Dux of Year (Bronze Medal)—F. M. Hilton.

Second Aggregate Prize (presented by the College)—A. E. Britten-Jones.

Outside Work (presented by the Albert



GRAMP-HARDY-SMITH MEMORIAL PLAQUE.

Agriculture (presented by the Principal)—G. P. Roe.

Prize for Best Teamster (presented by the Director of Agriculture)—R. L. Shegog.

Sheep Husbandry (presented by Mr. W. S. Kelly)—G. P. Roe.

Vine and Fruit Tree Pruning (presented by Mr. J. L. Williams)—H. C. Nourse.

Identification of Cereals (presented by Mr. W. F. Leak)—J. L. Carmichael.

Student Handbook (presented by Mr. D. A. Lyall for the best kept Student Handbook)—H. C. Nourse.

Shearing (presented by Mr. D. S. Thompson)—G. S. Brown.

Molineux Memorial Trust)—H. R. Day.

Agriculture (presented by the College)—A. E. Britten-Jones.

Morphett Prize in Dairying (bequeathed by the late Mr. A. H. Morphett)—V. Cashmore.

Menzies Prize (presented by Mr. D. Menzies to the most consistent and intelligent trier who has not secured any other prize)—L. F. James.

Special Prize (presented by Mr. C. F. Feuerherdt to the first year student displaying the greatest all-round improvement during the year, and who has not secured any other prize)—D. A. Barlow.



## Duces, 1939-40

Oenology - - T. W. C. Angove

III. Year - - - - G. P. Roe

II. Year - - R. M. Butterfield

I. Year - - - F. M. Hilton



T. W. C. ANGOVE

Before entering R.A.C. in 1936 T. W. C. Angove attended S.P.S.C. until he reached Leaving standard in 1934, and while at Saints he was always foremost in his studies, obtaining 2nd credit in the State for Intermediate Physics

During the year 1935 he gained valuable vintage and cellar experience at his father's cellars at Teatree Gully, and then for a further eight months he was employed by H. M. Martin & Son, Stonyfell.

Of the four years at R.A.C., Angove spent the first two in the Agricultural Course, which is an essential preliminary to the Advanced Oenology Course, and during the final year in Oenology he showed great adaptability to the particular studies. He gained first place in the final examinations with Second Class Honours, which entitled him to the Leo Buring Gold Medal; he was also awarded the R. H. Martin Tasting Prize and the K. Weidenhofer Prize for "Individual Study," for an important paper on brandy distillation.

In College activities he specialised in both Rifle Shooting, of which he was Vice-Captain for two years and took part in all Intercollegiate matches, and Swimming, being runner-up for the Cup for two years. He was awarded a Blue for Swimming, and a badge for Rifles. He was also a member of the Social Committee for two years, and Oenology Councilman in his final year.

On leaving R.A.C., Angove went to take over a position in his father's distillery at Renmark, where he is at present stationed.

R.T.H.



G. P. ROE.

Before entering the College in 1937, G. P. Roe, who hails from the West Coast, attended Scotch College and the Port Lincoln High School, and had obtained his Intermediate Certificate. He won an entrance scholarship to the College in 1937.

He has had a particularly successful career here, having been Dux of his first year, runner-up in the second year, and was Dux of the Diploma class. Besides gaining the Gold Medal, he thoughtfully acquired the Old Students' Cup and also accumulated the trophies and emoluments allotted for first place in Agriculture, Outside Work, and Sheep Husbandry, as well as the Haselgrove Prize in Viticulture.

After completing his course at Roseworthy, he spent three months in a militia camp at Gawler with the 6th C.M.V.S.

Since then he has been stationed at the College in the role of Acting Assistant Farm Superintendent, a duty that he is executing in his usual capable way.

We congratulate him on his recent promotion to Sgt.-Major of the 4th District Hospital, and, while he will have to undergo a further three months of militia life in January, his future career on the farm should be successful and not without interest to future students. Strange to say, he now has no sympathy for anyone who is "agin the government."

M.R.G.

## The Gramp-Hardy-Smith Memorial Prize

Under the auspices of the Winemakers' Association of S.A. Incorporated, the Gramp-Hardy-Smith Memorial Prize was founded to perpetuate the memory of L. H. Gramp, T. M. Hardy, and S. H. Smith, who lost their lives in the "Kyeema" air-liner disaster on 25th October, 1938. In the presence of the widows of the three men who lost their lives and the large Speech Day gathering, the Premier (Hon. T. E. Playford) on 1st March, 1940, unveiled, in the dining hall, an inscribed plaque recording the foundation of the prize.

The Funds make the Memorial prize worth approximately £10, and it is to be awarded annually to the student showing the best all-round character and ability, taking into specific consideration qualities of scholarship, manliness, leadership and sportsmanship. Applications will be called for the prize towards the end of each scholastic year from students in the final year of studies in either Agriculture or Oenology.

To make the appointment, the procedure as adopted for the first award last year will be the basis. A student preferential ballot is first held. Before the result of the ballot is known the candidates are carefully considered by a meeting of the Principal and Staff. After the relative qualifications of candidates have been well sifted and some order of priority arrived at on the basis of the four main qualities considered, namely scholarship, manliness, leadership and sportsmanship, the student ballot is opened and the results made known to the Principal and Staff. A final decision is then reached by the latter in the light of their earlier deliberations and the disclosure of the result of student votes. No announcement of the choice is made until Speech Day, when the Principal will announce the prize winner during the Speech Day ceremonies.

The first recipient of the prize was Gordon Scott Brown, and in announcing this choice on Speech Day, after the Premier had unveiled the Memorial Plaque, the Principal used these words:—

"Following a long and protracted staff meeting, and a secret ballot by students, the first Gramp-Hardy-Smith Memorial Prize has been awarded to Student G. S. Brown.

"Student Brown has to-day taken his Diploma in Agriculture. He has consistently

gained first position in his class for outdoor work. In this work he has shown resourcefulness, initiative, and sound ability. In sport he has excelled at cricket, and has been a regular member of the College tennis and football teams. What is more to the point, in all departments he has displayed true sportsmanship.

"He is a young man of unimpeachable character and one in whom we have implicit trust. We know that the prize, and what it stands for, will be worthily upheld by him."

## Anzacs and 2nd A.I.F.

When, 26 years ago, the world was thrust into the horrors of war, all the Dominions of the British Empire rallied together, and in a relatively short period millions of men were trained and prepared to defend democratic freedom. Among the Anzacs of 1914-18 no fewer than 220 Roseworthians enlisted, and of them 37 died on foreign shores—surely a fine tribute to the patriotism of our College.

Possessing a great spirit of unselfishness and determination to win, these men of A.N.Z.A.C. sailed, undaunted, from our sunny shores to a destination unknown.

To-day Australia is again answering the call from our Motherland, and our glorious youth are once again willing and ready to defend her. Roseworthy College, with her small numbers, for the second time displays her patriotism by the number of Collegians already in the 2nd A.I.F., or waiting on reserve lists.

Will they carry out their tasks as did their predecessors, with that same everlasting, happy, carefree spirit which was, and is, peculiar to the Australian youth? Yes! the youth of the 2nd A.I.F. can be relied upon to live up to the traditions of their fathers of the A.I.F. Most of them have been born since the war, but they inherit the same resolute fighting spirit as their fathers. The A.I.F. learnt by bitter experience, but it was not in vain, for they evolved into a fighting force second to none. The 2nd A.I.F. has this inheritance and a fine tradition behind it; it is capable of withstanding the most modern methods of warfare—and more, the use of the latest type of machines and instruments

probably comes more naturally to Australians than any other race.

The great feats accomplished by the A.I.F. at Gallipoli, Amiens, Poizeres, Lone Pine, Ypres, Palestine, Peronne, and numerous other battlefields need no mention of their magnificence. Anzacs who experienced these bloody enterprises gave wholeheartedly all they possessed for their king and country. On 7th November, 1920, in the Amiens Cathedral, at the burial of remains of an Australian and French unknown soldier, the Bishop of Amiens paid a striking tribute to the Anzacs — "We bow to you, Messieurs les Australiens, for the magnificent deeds that you did in those days, now happily at an end, for your country and for France, and for victory of hope and sanity. The soul of France is transfigured to a new divinity by your sacrifices. In the whole of history we cannot find an army more marvellous in its bravery, and in the war there was none that contributed more to the final triumph!"

Australian troops are again out to win that fame which the Anzacs so deservedly won, and of which they are justly proud. To the new venturers we say: "Good luck and God speed," and at the same time let us not forget our Great Heroes of 1914-18, who have paid the supreme sacrifice, and well might I conclude by assuring them that

"They shall not grow old,

As we that are left grow old.

Age shall not weary them, nor the years condemn,

At the going down of the sun, and in the morning,

We will remember them!"

JOHN A. SEARSON.

## Old Students who have Enlisted for Active Service

There may be many more old students who have enlisted without the news having reached us. We want their names on our list and for record purposes.

We would be very pleased if old students would keep us posted regarding our men on service.

### A.I.F.

\*Booth, B.  
Brock, H. R.  
\*Brookman, D. N.  
\*Bagenal, P.  
Fairbrother, D. N.  
Glynn, J. McM.  
\*Griffiths, A. R.  
Geddes, R. J.  
Gregory, A. A.  
\*Grieve, A. C.  
Gurner, A. E.  
\*Hackett, W. M. C.  
\*Hemmings, B. J.  
\*Higgs, N. R.  
\*Inglis, W. G.  
Lynch, L. F.  
Lewis, G. B.  
\*Legoe, J.  
Mayo, G. M. E.  
\*Motteram, D. S.  
Muirhead, D. B.  
\*McCarter, L.  
\*Oppatt, L. A.  
Oldfield, R. E.  
Pearson, F. B.  
Pownall, R. A.  
Robertson, J. D.  
Ryan, V. J.  
\*Richards, M. H.  
\*Reddin, J. W.  
\*Rudall, J. G.  
Shegog, R. L.  
Shipster, R. F.  
\*Samuel, C. G.  
Spencer, J. S.  
Tummel, P. LeH.  
Tummel, J. LeH.  
Ward, S. A.  
Wheaton, F. H.  
Winser, R. L.  
\*Young, P. J.  
Butler, P.

### R.A.A.F. or Reserve.

\*Arnold, E. A.  
Arnold, J. M.  
\*Afford, D.  
Barritt, R. F.  
\*Bowman, A. P.  
Britten-Jones, A. E.  
Brookman, N. P.  
Butler, M. S.  
\*Bussell, B. W.  
\*Cotton, M. C. C.  
\*Cunningham, A. F. O.  
\*Cashmore, V.  
\*Chaffey, W. B.  
Dean, W. T.  
\*Diercks, L. D.  
Gilbert, A. G. W.  
\*Graham, W. O.  
\*Horne, R. L. K.  
Haydon, C.  
Harvey, C. K.  
Hay, R. C.  
Ingoldby, P. N.  
\*Jones, W. H.  
\*Kay, J. C.  
Lake, B. H.  
\*Lewis, G. N.  
\*Mallen, W. W.  
Mitchell, F. A.  
\*McEwin, G. G.  
\*O'Neill, J. M.  
Orchard, E. K. O.  
\*Orchard, H. E.  
\*Pollitt, C.  
Prance, J.  
Pryor, K. E.  
\*Pym, L. W.  
\*Riddell, J. S.  
\*Roberts, R.  
\*Savage, E. C.  
\*Torr, T. H.  
Walters, J. R.  
\*Woodroffe, H. M.  
Allan, H. M.

### R.A.N.

Martin, H. M.

### R.A.F.

Cock, J. R. (D.F.C.)  
\*Spencer, L. V.  
\*Dunn, M.

The addresses of those marked with an asterisk in this list are not at present known to us, and it is hoped that anyone who can supply them will do so at once. The co-operation of all interested would be greatly appreciated.

## A College Sewing Circle

In this war, as in the last, the spirit of personal sacrifice remains an equation, to be solved according to the indefinable "x" of individual spirit and the "y" of personal obligations. Fight we must, but the individual may choose to leave Australia to fight or remain behind prepared to fight at home if need be. Should the latter exigency ever arise we shall all, to a man, be inspired, but at this stage it is fitting that we should, with no uncertainty, acknowledge those who have already been inspired and able to follow their noble impulse to serve.

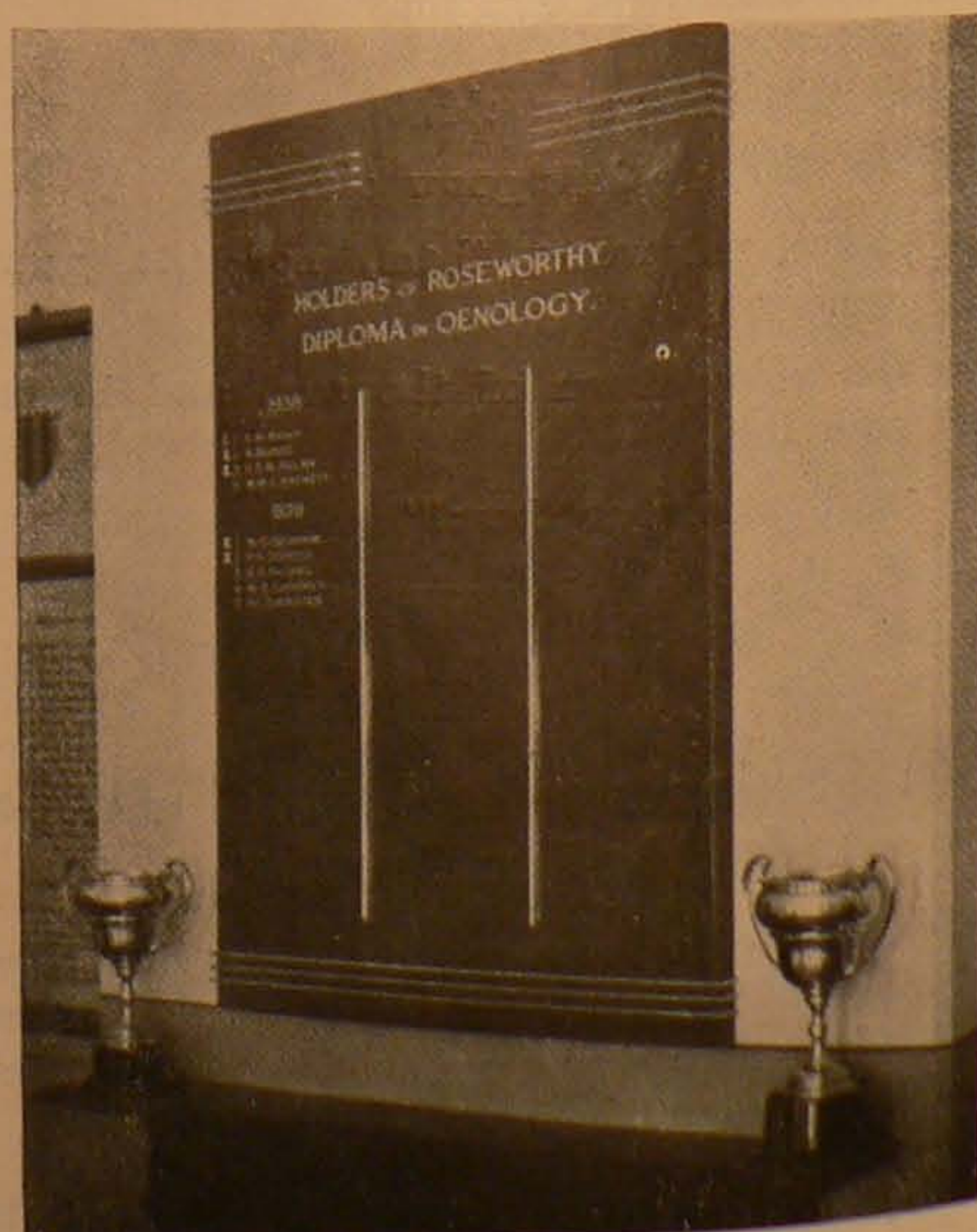
The response by our Roseworthy men to take part in the front line of our defences, be it Navy, Army or Air Force, has been truly magnificent. Those of us whose duty it is to watch over the destiny of the College and keep its pulse beating, thrill at the spiritual greatness unequivocally expressed through the men, who only comparatively recently were lads in the corporate family of its life. We thought we knew them well, and now we know we were right, and indeed we know them better.

Little wonder that the College craves to express its egoism, to claim these men for itself as "ours," and to say "we" are proud. While our pride is great we are also determined that they should know. This has inspired the present students to put all their efforts and social profits into a private fund for the purchase of wool, material and other useful articles and gifts. These are handed over to Mrs. Callaghan, who has organised a band of helpers for knitting and sewing. Already seventeen parcels have been sent, and another 44 are already wrapped ready for despatch. Our object is that all old students in the armed forces shall receive parcels to remind them of their erstwhile youth, and to let them know, above all, that we at College remember them.

The women helpers are made up from wives of members of the Staff, mothers of present students, former and present girl friends. The following have so far contributed help and assistance: Mesdames H. R. Baker, A. R.

Beckwith, M. Beaton, E. J. Breakwell, F. H. Butterfield, Guy Butler, A. R. Callaghan, F. W. Cornell, Erne Dawkins, Bill Daly, R. Eyres, A. R. Farmer, F. W. Gilbert, A. E. Gurner, J. W. Goulter, A. R. Hickinbotham, F. Hillman, C. Hogben, E. M. Hutton, W. R. Haydon, R. H. Jones, A. Lodge, H. D. Macleod, E. Murrie, V. R. McDonald, H. R. Nourse, M. H. Pearse, Jack Reddin, C. S. O. Shackley, D. S. Thompson, P. Urlwin, Gus Williams, J. L. Williams, Misses Viola Dahlitz, Yvonne and Laurel Fairlie, Rosemary Goulter, A. and R. Gunson, D. Kerr, Jill Lewis, Lorna Lewis, Meg Lewis, R. Jones, J. Phillips, L. Window.

Of these Mrs. Callaghan wishes specially to acknowledge Mrs. F. W. Cornell, Mrs. M. H. Pearse and Mrs. W. Daly for their outstanding enthusiasm and help, and to Miss Jill Lewis, who, besides helping otherwise, has kept a city depot at her hairdressing rooms on the seventh floor of the C.M.L. Building, Adelaide. City people requiring wool or material may call at Miss Jill Lewis' rooms for supplies. Completed articles can also be left with Miss Lewis.



OENOLOGY DIPLOMA BOARD.

# Current Events

## Notes and Comments

The College year was ushered in by an atmosphere of "expectancy." Somehow the equilibrium of life seemed unbalanced for the first few weeks. Whether this was due to the multitude of first years—a motley crowd—which invaded the premises, or the numerous rumours that flit round our heads nowadays, or the disturbing effect of a three months' camp, it is difficult to say. The fate of the College as a sanctuary for budding agriculturists looked insecure, still less the surrounding land from such land absorbers as aerodromes and munition factories. Then we began to conjure up in our minds such fantastic pictures as Mr. Goulter's office bearing the word "Canteen" and the Doctor's office door the letters H.Q. However, none of these fantasies have materialised. In fact, the College has had a most satisfactory year with events that are well worth "dishing" up to the mess.

As population, in a country at war, is a very important factor, we feel that an

outstanding event has been the number of children that first saw the light this year. It is with interest we witness the swelling numbers of the R.A.C. rising generation. It is symbolic that soil, which yields the crops of the "bread of life," should also yield strong Australian types.

The diploma examination was held early this year, just after Christmas. Fifteen passed, and Roe was dux of the year. Diploma examinations, in fact, have been held at most unusual times since war broke out. In July eight of this year's third year students—Brookman, Rudall, Morgan, Pym, Wilkinson, Farmer, Waters, and Pryor took their final examination. All received diplomas. A farewell dinner was held in honor of them. It was with regret we watched these eight fall out of our ranks and with characteristic enthusiasm fall into other more disciplined, more serious ranks. The remaining third years will take the final examination in December.

Amongst the College staff there have been some changes. Mr. Hay gave up



FARM ROAD.

fruit for aeroplanes early in the year. In his place we welcome Mr. Conway, an old student. Owing to the military's need of Major Gurner, we once again observe Mr. Roe on the farm, but this time he rejoices in the title of farm foreman, instead of just a student. As far as the staff is concerned, the only other event worthy of mention is that the plant breeder no longer graces the College with the exquisite form of his car. We understand that it has retired to Adelaide, while he has retired to that sanctuary of "many trades," the staff quarters.

Goldney, a 1939 third year, is a cadet with the piggery. He has gained a scholarship to Hawkesbury, and hopes to be leaving his piggery soon.

The most spectacular event of the year was the winning of the Football premiership. Not only have we to thank the team for this magnificent effort, but also the State authorities for not holding the Royal Agricultural Show.

The most surprising event has been the rejuvenation of the bedrooms in the main buildings and domestic staff quarters. We now sleep between walls of a gentle fawn which form an artistic background for a thin, delicate, pea-green line. For at least a month the domestic staff quarters were in utter chaos, emitting loud noises, and we began to think that the authorities had perhaps become a little irritable. In the meanwhile, the domestic staff slept in the gym., and they made their presence known by a selection of somewhat crude notices stuck on the door. When, however, the quarters had been finished, everyone was dumbfounded. What a rejuvenation—the rooms were fitted with ceilings white and pure, while the floor had been mechanically planed.

A super, ultra, modern button driven dairy has sprung into existence next door to the woodwork shop. This is no doubt for the contrast. We are led to believe that it contains the best possible design of churn cut in half, a deodoriser and a pasteuriser, constructed to make the butter "invisible" to the nose and, of course, tasteless. This we are told is the modern butter, made so that it does not excite the salivary glands, thus being more economical and assuming the place of a "war effort."

Another addition has been a large refrigerator in the wine cellars.

A yard has been built outside the cow shed. This means that the herd no longer crowd into the bails in an "unmilking temperament." Instead they wait in the yard, chew the cud, drink, and generally compose themselves before milking, which means they enter the bails in that "milking temperament" which is so important.

In April and May, when perfect opening rains fell, hopes for the coming season ran high. There was an annoy-



IN THE TASSIE LIBRARY.

ing anti-climax, for the tail-end of seeding was curtailed until July, during which the gods allowed us just enough rain to finish seeding the barley and King's White. From July onwards prospects went from bad to worse, and we were forced to watch the crops which once held such expectations sadly develop along anaemic lines. It was exasperating. But exasperation is the farmer's lot. October finished with 5 in. below the average, and yet some sort of a crop was apparent. We hope to get an average of 7—8 bags, although the grain sample is pinched.

The main Rapier crop this season has caused some concern. Footrot has reduced the yield by twenty-five to thirty per cent. However, the new variety is not to be blamed but rather the condition of the paddock. Elsewhere Rapier has displayed most satisfactory results—its thrifty and fast growing characteristics have shown better results than other varieties.

The ravages of footrot have prompted a large-scale experiment to be conducted in Graingers B. It will be carried out in conjunction with the Waite Institute, and it is hoped that the causes of this disease will be revealed.

As is usual grazing oats were disced in early, and averted a serious shortage of feed.

Two hundred and eighty-three tons of cereal silage were cut this year. Twenty-three tons in the southern tub were treated with 10 per cent. solution of 75 per cent. phosphoric acid at the rate of one pint per ton of greenstuff. This product of the future will be known as Pho-silage. No meadow hay was made this year.

In January the baler made a journey to 4D. This ancient relic of the Boer

War effort made life unbearable for at least a week. Dust was so thick that respirators were rushed to the scene. The western blast burned, stung, and buffeted; the huge mechanical claw made one despair: was it never going to cease that eternal up and down, up and down. In spite of a wheel on a mower collapsing, and individuals culpably driving the mowers until all bearings were red hot, a 40 ton stack was built. But the straw was considerably diluted with sand.

The baler's companion—the thresher—has been partly dismantled and expelled to the implement shed. Here this monstrosity will probably remain until in the eyes of future College authorities it is ancient enough to be banished to the agricultural museum.

Due to the war, other old servants of the College have been brought into the light from obscurity—the two drags, big and small; also two buggies, one of which is called the express. The largest reappeared from some dusty shed in Adelaide, on a lorry, and caused a sensation. It is in human nature to welcome an excuse for leaning on a shovel, hoe, or pitch fork to gaze. Once again a drag load of creatures can be seen trotting into Gawler on a Saturday night, drawn by a beautiful grey mare—Belle, and a very young bay with the best nature in the world—Beau.

A new stump jump cultivator was bought early in the year, and has proved itself very efficient.

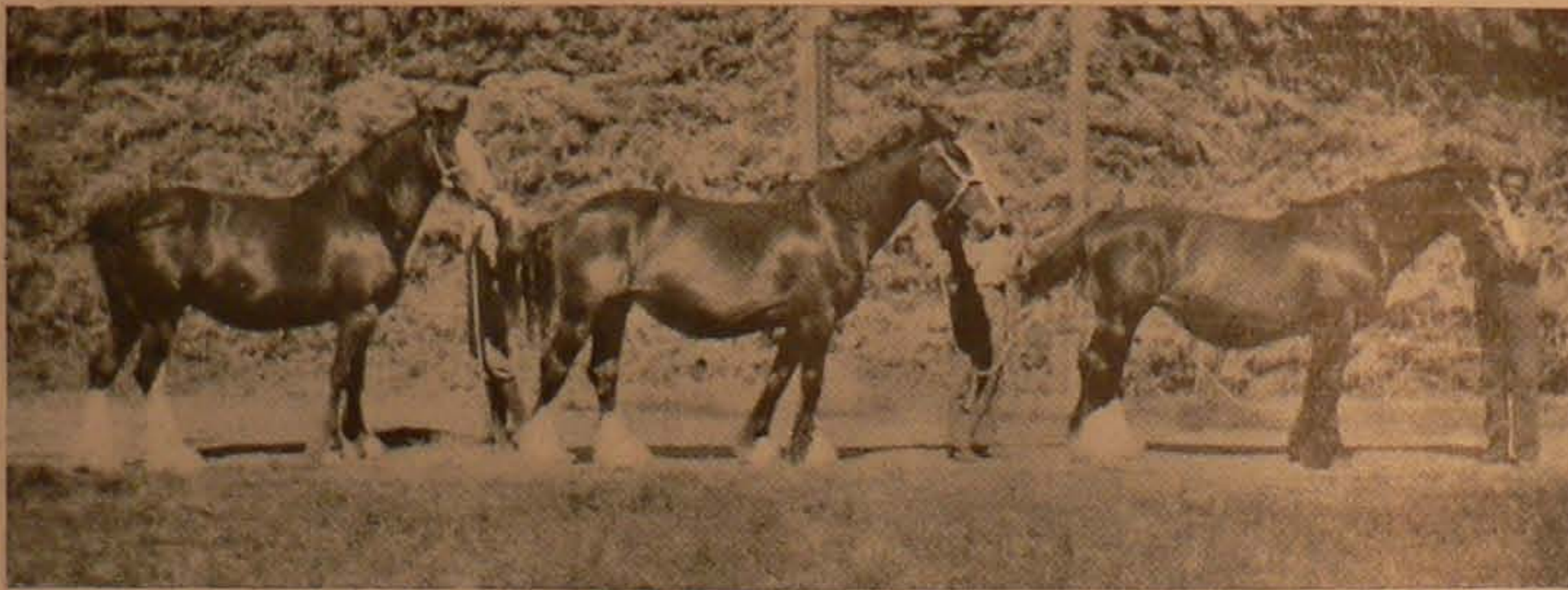
The Case C tractor was taken away in February, leaving the Case L and Caterpillar tractors. A gas producer has been fitted to the Case L, and experimental work with over-sized barrels and dome pistons has been carried out. The object was to increase efficiency by increasing the compression. It was

found success depends largely upon the relationship between the operator and tractor. In other words, a tractor driven by a gas producer is temperamental. In any tractor a gas producer causes a thirty—forty per cent. power loss.

Many trees have been planted on the property this year. Almonds and olives are now thriving along the western fence of Nottle's A. In No. 8 peppers, carobs, and olives have been planted.

Six fillies and three colts (one dead) were dropped this year. Of these there were four stud and two appendix B

their originators. Further reports indicate that the plots progressed satisfactorily until heading; thenceforth they slipped back in common with the rest of the farm, but the season was of particular merit in sorting out the sheep from the goats. It appears that from the crosses made in 1933 and 1934, surviving lines of which are now undergoing the final ordeal, there will probably be three or four varieties. In all probability Onas x Nabawa will make a debut in 1941, while two flappers from Cadia x Sword combine yield with quality.



PRINCESS (daughter), NINA (dam) and NELL (grand-dam).

Showing the effect of a good sire over three generations.

fillies. Eight of these foals were sired by Harviestoun Earnest, while the deceased was the last effort of Cyrus. It may interest some to know that one filly will be pure black. Nobody, except the mare, who won't tell, can account for this occurrence at such a respectable place as the College. As a matter of fact, the mare has a blind offside eye.

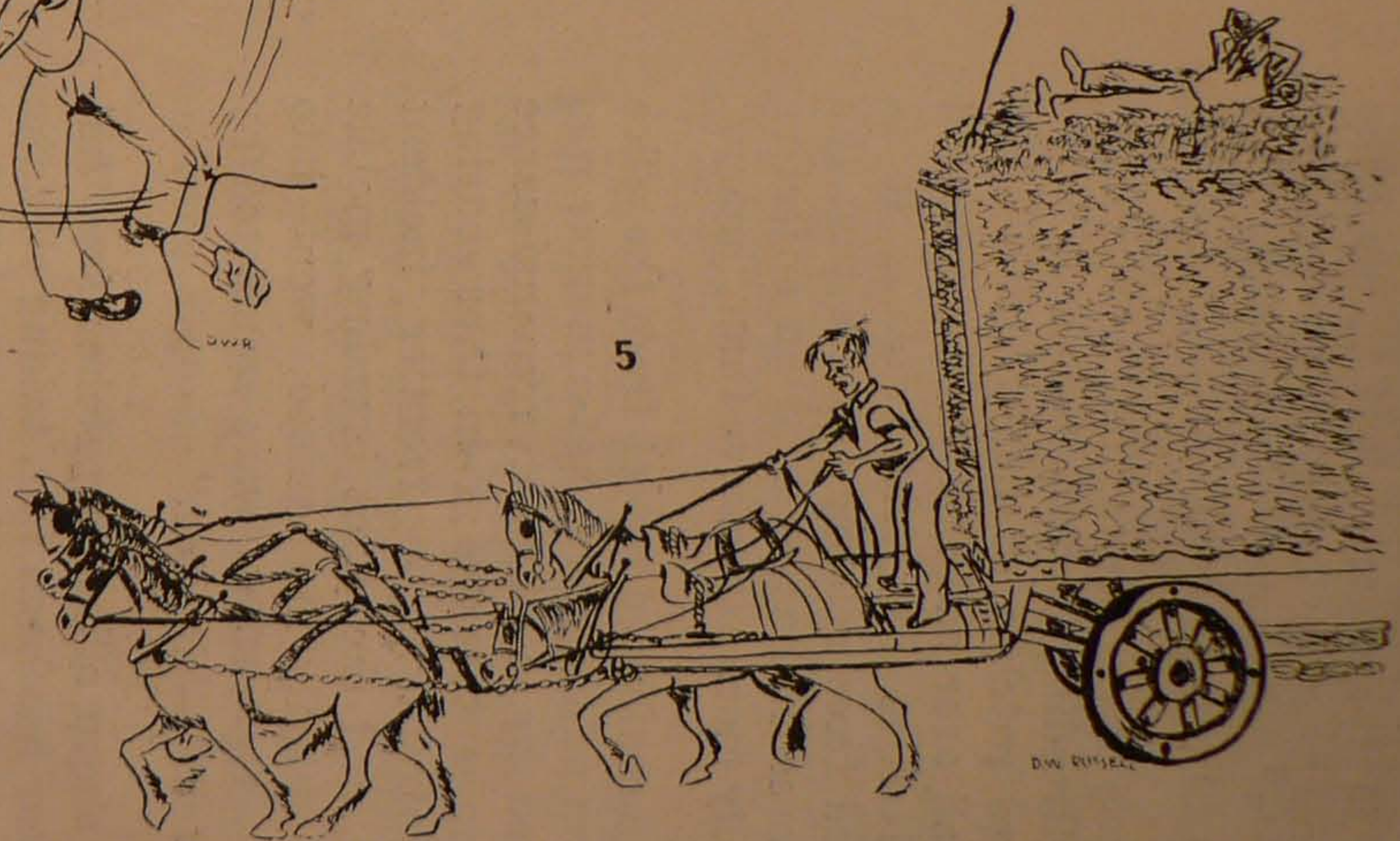
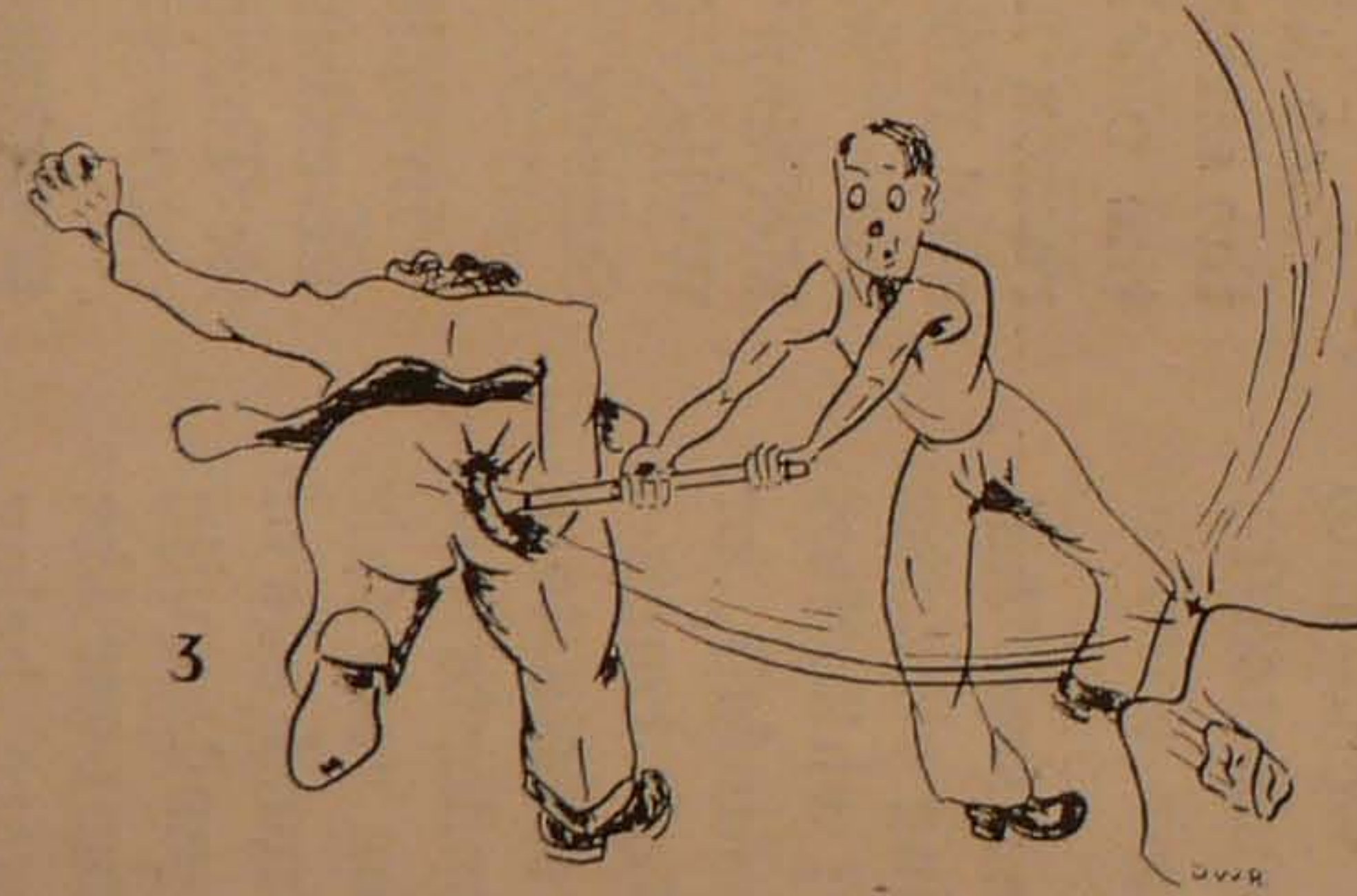
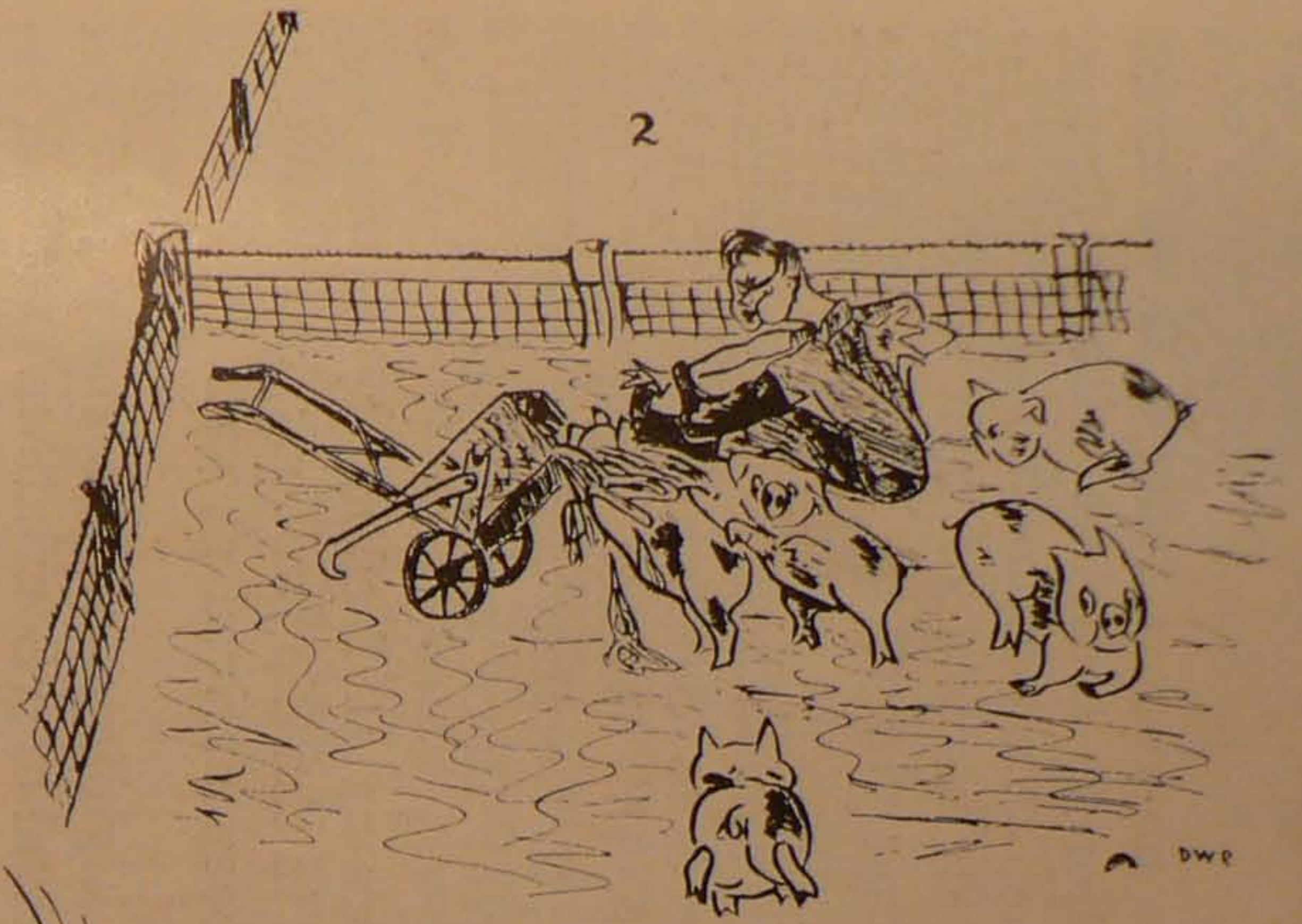
The plant breeders report that their beloved breeding plots "got away to a flying start this year, and that the hand sown rows were seeded in record time." No reference was made to broken backs, excessive blood pressure in the head, and permanent crippling of the trunk; not to mention the unspeakable slander which rained upon wheat varieties plus

Maltworthy, the new barley, will be distributed en masse after harvest, as two outside growers are harvesting about 300 acres of pure seed. Its malting quality has not yet been tested, but there is no doubt about its yielding ability. Andy Michelmore, at Strathalbyn, is looking after the new pea variety Collegian and building up the pure seed just as fast as he can.

Hope is maintained with some lines of oats from the cross Early Kherson x Fulghum. Some Fulghum types have been isolated which do not shatter. It remains to be seen whether they have the grazing value of the parent.

Numerous grass plots now adorn No. 9, just behind the plant breeding shed.





THE PROSPECTUS ILLUSTRATED

1.—SHEARING: Done by the students, who also receive practical instruction in killing. 2.—PIGS: Feeding experiments are carried out from time to time. 3.—TOOLS should be handled carefully. 4.—POULTRY: Scientific feeding methods are adopted. 5.—THE work is done on the farm, under the expert supervision of the staff.

These were dug by enthusiastic First Years in their early days. We hope that in the near future Cocksfoot and Phalaris will mean more than mere names in a note book.

—“Stop Press News from Our Plant Breeding Correspondent”—

Large patches of hoary cress scattered all over paddock 4B have caused irregularities in yield trials. It is rumored from reliable sources that the plant breeder has evolved an adjective decidedly more expressive than “hoary.”

An unconfirmed report from the office for farm affairs says that a magpie was observed by a student reconnaissance patrol to capture one grain, thus abusing its neutrality. A frontier incident ensued, and the plant breeding mobile section, highly mechanised, went into action. Operations were conducted by “Old Nell.”—“Reuter.”

The sheep office despatches say that the “year has been fair, taking climatic conditions into consideration; while further outlooks are distinctly unfair, or fair to middling.” This, of course, depends upon the weather reports to a fair extent. As far as students are concerned, the season has been very fair with a low depression when hundreds of lambs had to be weighed, and quite recently a low depression hung over the sheep yards when they were being cleaned out. A number of favorable changes have taken place. Due to the necessity of considerable hand feeding a faster horse was used in a spring dray; this meant that lady plus cart plus student were not quite so familiar meandering around the country-side deep in contemplation. Another event was the erection of a straw shed behind Mr. Thompson’s house. This shed has a particularly efficient thatched roof that has remained on in spite of one

individual’s remark that “the next wind will blow the whole — thing off.” The sheep instructor refers to it as a “building” and not the straw shed. It sounds better.

Since no report from a Government institution is complete without figures, and since this rigmarole has been so far singularly devoid of that which causes terrifying visions of Farm Engineering to mature, we submit the following lambing percentages:—Border Leicester half bred to Southdown rams, 103%; Merino to Border Leicester rams, 98.5%; to Romney Marsh rams, 95.3%; to Dorset Horn rams, 83%.

A pre-natal feeding trial was conducted in the dip paddock, but no results have been arrived at yet.

The highlight of the sheep year was the arrival of a Southdown ram that ran the blockade from England. For this reason he is appropriately called “Minsted Blockade.” With him came a ewe. Both were selected by Sir Charles McCann from the stud of Mr. Hugh Wylie, from the beautiful county of Sussex.

In spite of, or perhaps because of, his adventures at sea, his sojourn at romantic Torrens Island and the criticisms of



MINSTED BLOCADÉ.

the local press, Blockade recently attempted to justify himself by a total drop of 79 lambs from 59 ewes mated. The ewe, though over-fat on arrival, gave twins to her husband, though one subsequently died.

Blockade's rival, Letts 13 of 1939, from Letts Stud, Gawler River, has also been doing his duty this year. He is a son of the distinguished "Ford Future," champion at Adelaide and Melbourne, from that attractive Letts ewe which was first in the shorn classes under 18 months at both Melbourne and Adelaide in 1938. So you see that blue blood in the R.A.C. flock is running freely.

A further draft of 100 four tooth ewes was purchased from the Muteroo Pastoral Company.

Now we arrive at the last lap of these current events. The vineyard, orchard, and wine cellars have enjoyed this season. And the enjoyment has been jubilant, for Mr. Williams and his staff have been able to witness other departments' cherished hopes wither away while theirs have been flourishing continuously. Thirty-two and three-quarter tons of grapes were harvested by diligent students, from about 32 bearing acres. Two and a half tons were purchased from outside vineyards.

The wine made totalled 7,058 gallons compared with the previous season's total of 3,713 gallons. The vintage was made up as follows:—

Dry red wine .....	.....	3,990
Dry white wine .....	.....	1,510
Fortified wine .....	.....	228
Pressings, etc .....	.....	1,330
		<hr/>
		7,058
		<hr/>

Six thousand gallons of wine were distilled during the year.

An investigation into the production of grape and apple juices was undertaken by the College in collaboration with the C.S.I.R. (Food Preservation section). For this purpose a refrigeration plant lent by the C.S.I.R. was installed by Mr. H. R. Nourse in a most admirable manner.

These investigations were undertaken to determine the possibilities of promoting the consumption of grape juice as a means of easing the over-production of grapes.

The portion of the study being followed at the College is based on a survey of suitable grape varieties, degree of maturity for picking, and the influence of soil types on the quality of the finished product.

Plant is being installed to collect data on wine vinegar manufacture.

Before finishing these pages there are two events that must not be omitted. They have waited until the end, for, like some people, they do not fit in with anything else. For a change Agriculture has nothing whatsoever to do with them, but because they are a little out of the ordinary they might serve to keep these current events in the readers' minds for possibly five minutes instead of three.

In October a carnival took place, and midst the R.A.C. students that surged in was a "float." This float represented an Italian battleship advancing. It was by no means beautiful; on the contrary a naval architect would have fainted at the mere sight of its funnel, but it was characteristic. It was the color of a person with jaundice. The stern was in front of the lorry, but the lorry did not go astern. Five guns displayed themselves, painted red; they made a great deal of noise without harming

anyone. A tall funnel belched forth stinking smoke. A wireless aerial, much tangled, was suspended between two masts; while four villainous looking sailors sailed this super ship of the Duce's.

Last of all a word concerning the hundreds of water-hens which spontaneously arrived—as if dropped from heaven. These beautiful birds, dressed all in black except for their long green legs and artistic toes, have taken possession of the College grounds. They roam the vineyard, oval, tennis court, the park, and ram paddock, while they take their ablutions in the tonic waters of the three dams. You see them in flocks fastidiously picking at this or that, and their favorite dish is Mr. Breakwell's creeping lucerne, while their domestic affairs appear to progress satisfactorily on the fat pastures they have discovered.

And isn't this rather typical of our own years here? We students drop in from everywhere—except heaven maybe—take possession of the place, take our pickings of this and that, grow in stature and knowledge and even, possibly, advance our domestic affairs somewhat, and sometimes forget that these fat pastures did not just happen. So, before we end, let us pause a moment and meditate about these things. Thank you, Staff; thank you, Fellow-students; thank you, College—in a word, Thank you, R.A.C.

P. BAGENAL.

—:0:—

### Inter-Collegiate Contests

The annual Inter-Collegiate contests in tennis and rifle shooting, which were to be held at Hawkesbury Agricultural College, N.S.W., this year, were cancelled, much to the disappointment of our likely participants.

It was unanimously agreed by all the Colleges to abandon these contests for the year because of the war.

S. G. WILLIAMS.

Military matters naturally take precedence these days, so, in correct chronological order, the enlistments of Mr. A. E. Gurner and Mr. R. C. Hay, R.D.A., must be recorded. Mr.—now Major—Gurner is at the training depot at Cheltenham, and we must congratulate him on his promotion in rank. There is no doubt that his enthusiasm and knowledge make him an ideal officer for the job, and his rapid promotion testifies that the military authorities are cognisant of this. Mr. Hay has had rather a stony path to hoe in the R.A.A.F., but successfully made the grade, and when last heard of, had completed his preliminary training as an observer, and was on embarkation leave. Incidentally, it appears that he received some of his education at the hands of Mr. E. K. Orchard, who has attained a position after his own heart in the R.A.A.F., and spends some of his time dashing round the Commonwealth, lecturing trainees on the gas-operated Vickers machine gun or some such weapon.

Mr. A. R. Hickinbotham, B.Sc., B.Ed., is up to his ears in war work, and when not attending R.S.L. parades in his capacity of Vice-President of the Gawler Branch, is educating local R.A.A.F. reservists in the intricacies of Maths., Physics, and Morse.



THE MAIL.

Most of the Staff may be seen any week-end, either here or in Gawler, marching manfully up and down the oval. In the absence of any chance of reciprocation, the officer in command is occasionally guilty of indulging in a few pithy but well-directed remarks to those who are not so fortunate.

And now we come to our Births, Marriages, Arrivals, Departures, Anticipations, and Realisations column. On second thoughts, this classification might cause some confusion. For example, I am not quite sure whether in offering our AAA grade of congratulations to Dr. and Mrs. Callaghan on the birth of Margaret Mary, I should insert the notice under the category of mere Births, or whether it should go under Frustrated Anticipation at



ROE-DEO.

not attaining a tennis team, or filed as a Happy Realisation. The last-mentioned I think.

Likewise, Mr. McDonald's new dairy presents a quandary. In this case, Realisation appears the milder term and Marriage the more fitting. The trappings might be rather elaborate for a bride, but Mr. McDonald pays it the same solicitous attention. You know the dairy, of course; it's that place Mr. Nourse built with occasional outside help. I noticed lights burning at a late hour on the inauguration of cheese making. Evidently cheese starters, like the frequenters of Gawler amongst our younger members, are at their best at night.

Talking about Gawler reminds me of an Opel sedan which has not yet been sabotaged. I often wonder if the owner does not regret the sale of his Morris 8 now that it has been converted into an M.G. complete with 8 headlights, 4 exhausts (open), and 5 windshields—quite a sheep in wolf's clothing. M.G. means Most Garish, and I remind the present owner that the privilege of disturbing the sweetness of the evening air is patent to one car only—and that's not his.

While on cars, here is a little problem:—If Ford V8 x 30 h.p.=16 gallons, and Ford 14 x 10 h.p.=20 gallons, what does 1 Ariel x 2½ h.p. equal? If you can't make the answer come to 10 gallons, the owner of the Ford V8 says to write to the petrol rationing authorities, because they worked it out in the first place. My interpretation is that part of the discrepancy may have been due to the fact that the clerks misinterpreted the "o's" in Moonta to mean the number of miles travelled per week-end.

To replace Messrs. Hay and Gurner, Mr. B. Conway, R.D.A., and Mr. G. Roe, R.D.A., were appointed temporarily. Mr. B. Conway served with the A.I.F. in the Great War, and on his return was Superintendent of Vineyard and Orchard at the College for two years. He then spent ten years on a block at Cadell, and five years ago moved to a larger property at Barmera, so it is apparent that he has had plenty of experience for his present position of Assistant Horticulturist. Mr. Roe needs no introduction, being dux of last year, and he is performing good work in his capacity of Assistant Farm Manager. It appears that his only disadvantage is that the students can see him coming.

Mr. L. Diercks, R.D.A., who was Assistant Field Officer, left the Staff to go to the Dept. of Lands, and since then has taken two steps in quick succession—firstly, getting married, and secondly, joining the R.A.A.F. In all fairness to Mrs. Diercks, I might state that actually he took the second step first, if you know what I mean.

Not content with worrying with young foals and a hairy Cairn caterpillar, Mr. R. H. Jones, R.D.A., registered a 50 per cent. increase in family by the birth of a daughter, Elizabeth Hewett. Congratulations to Mrs. Jones,



MR. J. W. GOULTER.

though I believe the father is a very sound sleeper.

Daughters appear to be the fashion, for Mr. and Mrs. J. C. M. Fornachon added to the numbers. There is some doubt about the name of this one, and Mr. Fornachon's suggestion that she should be called "X" until 16 and then allowed to choose a name for herself was evidently not too popular. Mr. and Mrs. C. Hogben were the only family to show any originality, and are congratulated on the birth of a son—Allan Warren.

While dealing with babies I might mention the appointments of Mr. H. C. Nourse, R.D.A., and Mr. M. R. Goldney, R.D.A., as cadets to V. & O. and Dairy respectively. LOST—One orange-red shirt. Finder may keep, and is welcome to abuses attached to same. Both have been pillars of strength in the sporting world at the College, and Mr. Goldney is about to follow the footsteps of the last Dairy Cadet, Mr. J. Hutton, by going to Hawkesbury on a dairy scholarship.

After twelve months' concentration in Cereal Chemistry, Mr. E. M. Hutton, M.Sc., B.Ag.Sc., is now in the throes of Dairy

Chemistry, evidently with the aim of making the butter for the bread. Cheese will probably be the next step, and after that we hope to interest him in the malting industry. Mr. Hutton became entitled to his first set of letters recently by presenting a successful thesis entitled "Factors underlying the variations in the gassing ability of South Australian flour and resultant implications." His cup will be full when the two new houses are built at the College. This, of course, comes under the heading of "Anticipations."

Another "Anticipation" soon to become a "Realisation" rather than a simple "Departure" is the transfer of Mr. J. W. Goulter to the position of Auditor in the Auditor-General's Department. I don't like the idea of giving a man a write-up before he actually goes, particularly when he is so big, but I will be as discreet as I can if I can. We rather pity the office boys at the A.G.s, who from 1941 on will doubtless have to sign a leave pass before they leave the room, and all members will probably have a bottle of pinkish fluid thrust under their noses as soon as they sneeze. Anyway, Mr. Goulter, I've purposely left you till last—you have attained a high pinnacle of popularity with both staff and students, which is no mean feat for a Housemaster. You have worked hard in every undertaking in which you have been engaged, whether duty or play, and to you, knowing you to be a good chap, and to Mrs. Goulter and family, we offer our sincerest wishes for a happy and prosperous future. E.J.B.



THE PLOUGHMAN . . .

## Another Forward Move

The new dairy (or, more accurately, the new dairy produce factory) which has recently been erected represents the realisation of a long-existent ambition on the part of the Principal and others to see the College keeping pace with the rapid expansion of dairying in this State.

South Australia is now the largest cheese exporting State in the Commonwealth, and much of the cheese made here is of high quality, but it is realised that the lack of technically trained men in the factories tends to set a limit to the regular production of a high quality article. Long distances and hot, dusty summer weather make it difficult for farmers in this State to supply good cheese milk, and the poorer the quality of milk received, the more knowledge and care is required in the processing of that milk. It is



THE NEW DAIRY.

hoped, therefore, that the equipment now installed at the College will be used to the fullest extent for the technical training of butter and cheese factory operatives.

An effort has been made by the College in recent years to bridge the gap between the producer and the manufacturer in the wheat and wine industries. While continuing to accept the troubles of the farmer as our first consideration, the solving of co-related problems of the miller and wine-maker has been attempted with considerable success. The same line will now be followed in the case of dairying. Many of the problems of the butter and cheese maker (some of them peculiar to this State) have, of necessity, been left unsolved because of commercial considerations.

It is now our job to tackle such problems, and to demonstrate, by experiment, the value of improving factory methods.

The new factory should serve yet another purpose—that of providing the student body with a more complete knowledge of the whole scope of dairying. It should now be possible for students to appreciate the factory, as well as the farm side, and to realise that the commonly applied stigma of “long hours, hard work and low pay” does not characterise the industry as a whole.

The plant and equipment which has been installed is entirely Australian made, and of high quality. In the butter section, all plant, except the churn, is of stainless steel. The entire plant is identical with that found in the best factories, although, of course, the units are very small. Individual electric drives are installed on each unit of plant. The boiler from the old dairy has been reconditioned, and has proved to be large enough to supply the steam required by all units in the factory. Direct expansion refrigeration, worked automatically, has been installed in the butter cold room and cheese curing section, while a manually controlled compressor provides brine for the shock cooling of cream at the rate of 250 gallons per hour. A demonstration room has been provided in which experimental work on the chemistry of milk products will be conducted.

A short resume of the treatment of cream for butter making may be of interest.

The cream is weighed, then tipped into a small “neutralising” vat. When the cream has been well mixed by means of a revolving coil, a sample is taken and tested for acidity. A slightly acid cream is more desirable for butter-making than a sweet fresh cream, therefore cream is allowed to “ripen” a little before being used. If ripe cream is subjected to sudden heating and cooling, however, the casein will tend to harden, and small white lumps will appear in the butter. For this reason, some of the acid present in ripe cream must be neutralised by the addition of alkali before the cream is pasteurised. Thus, an acid test is taken of the cream in the vat, and sufficient bi-carbonate of soda is added to reduce the acidity of the cream to the point desired for butter-making.

At this stage, the cream is warmed to 80°—90° F, and agitated to ensure an even dis-

tribution of the soda throughout the vat. The cream is then pumped into a steam heated cylinder termed a "pasteuriser." As it passes over a series of circular plates, the cream is heated very rapidly to the desired temperature, which varies according to the type and quality of cream being tested. The temperature used at the College is 198° F.

From the pasteuriser, the cream is sucked into another dome-shaped unit termed the "volatiliser" or "deodoriser," in which a vacuum of 23 inches is maintained. In the deodoriser, the more volatile of the odors and flavours present in the cream are drawn off into a stream of water and pass out down the drain. This eliminates most of the feed taints and off-flavours of the original cream.

The cream is then pumped to the cooler—a set of horizontal coils through which water at 65° F and brine at 18°—20° F are pumped. As the cream runs down over the outside of these coils, it is "shock cooled" to about 42°—44° F, and then pumped into an insulated "holding vat," where it is held from 14—18 hours before churning.

The holding of cream at a low temperature before churning tends to "stabilise" the fat particles, and thus helps to produce a butter with a good body and texture that will spread well and yet will not soften very readily in warm weather.

After holding for a sufficient time, the cream is pumped to the churn, and the churn is revolved at high speed until the butter milk comes away freely, leaving the butter in the form of grains. The butter milk is removed, and the butter grains washed well with clean, cold water. The wash-water is then drained off, and the required amount of salt, usually about 2%, is sprinkled over the butter grains. The three sets of rollers in the churn are then set revolving, and the churn itself revolved at a slow speed until the butter grains go together to form a homogeneous mass.

A sample of the butter is then tested for moisture content. The law provides that butter must not contain more than 16% of moisture. If the test shows the butter to contain less than 16% when the first test is taken, sufficient clean cold water is then added to the churn to bring the moisture content up to 15.9%. The butter is then worked between the rollers until the added water has

been absorbed, a check moisture is taken, and the butter is then removed from the churn and packed into 56 lb. boxes.

The manufacture of the farm product is an integral part of every big primary industry, and yet the dairy factory seems always to have been more or less alienated from the farm. The farmer and the factory manager have each tended to pursue his own way without giving due consideration to the other's problems or point of view.

With the aid of the combined course of factory and farm work now made possible by the new factory equipment, it is hoped to send students out from the College who will either go among farmers, with a knowledge of factory work, or into factories with an appreciation of the farmers' worries. If this course of action tends to increase the willingness on the part of the farmer and factory manager to collaborate more closely than heretofore, the inevitable result will be the production of higher quality milk and milk products, and the consequent improvement of the position of the industry in general.

J.V.McD.

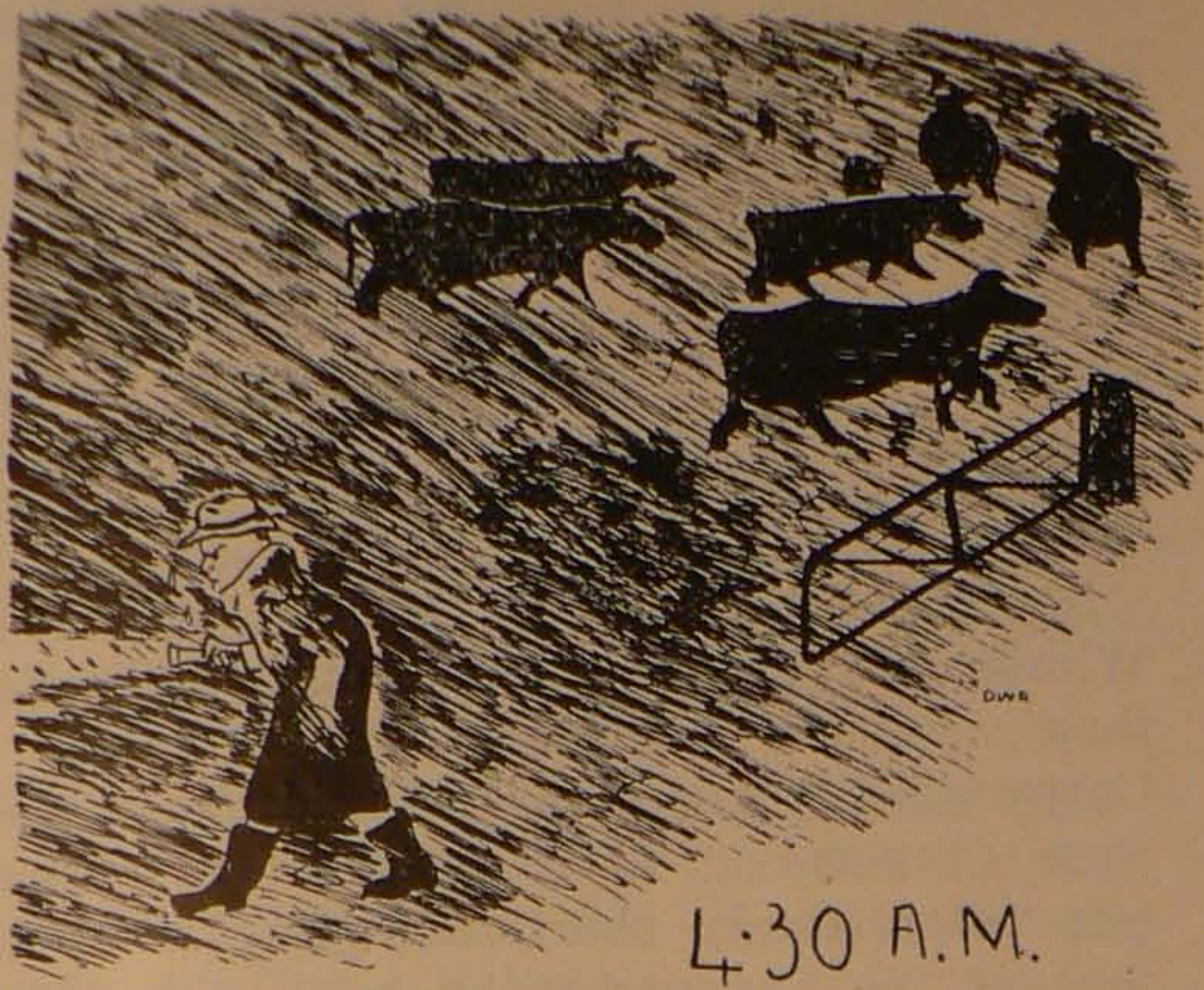
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## HOW NAICE!

Our Mr. Thompson had a posh hat,  
Of wonderful shape, both round and flat,  
And when for Victor we all set off,  
There he was in his hat, and quite a toff.  
The Victor girls with approving eye,  
Gazed at that hat as it passed by.  
The lads, they called it "the schoolgirl's  
dream,"  
But the hat and its wearer reigned supreme.  
Now, humorous incidents had been few  
And the fall of that hat was overdue;  
So imagine the joy and the blow to pride,  
When "Willie" his hat in the mud espied.  
But he, undaunted by mud and slime,  
Plucked out his lid from 'neath John's No. 9,  
And donning it gaily in less than a trice,  
Was heard to murmur, "How Naice! How  
Naice!!"

R.M.B.





4:30 A.M.

### AN EPISODE AND A MORAL.

'Twas four o'clock in the morning  
 On a cold and win'ry day,  
 When the mists swept o'er the treetops,  
 And ghosts were out at play.

That one of the lads was walking  
 With quick, determined gait  
 To bring the cows from George's—  
 He was a little late.

He walked up to the paddock  
 And listened for a moo  
 To give him his direction  
 And think out what to do.

He heard no sound of any sort,  
 And being of open mind,  
 Stepped out into the paddock  
 To see what he could find.

He walked into the darkness  
 The gate left open wide,  
 The mists swept all round him  
 And not a cow he spied.

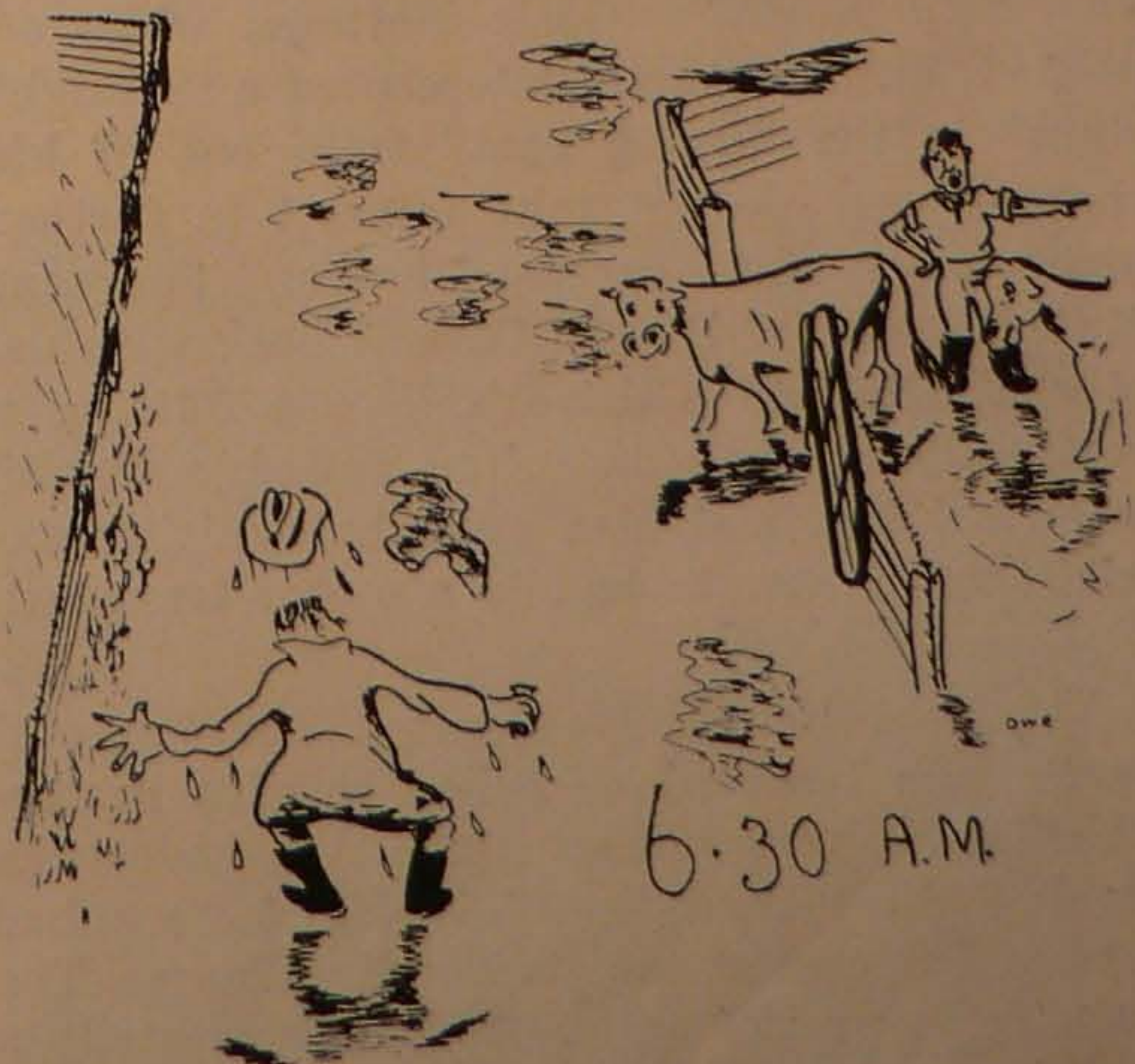
He searched and kept on searching—  
 The sun began to shine—  
 He stared around the paddock—  
 Of cattle? Not a sign!

He scratched his head, he searched the road,  
 But nothing could he see;  
 Then to the dairy trotted off—  
 Here was a mystery!

In wild alarm he reached the farm,  
 The sun high in the sky;  
 To his surprise, the cows he spies,  
 All milked and passing by!

Now you'll agree, I hope, with me  
 That cows have little mind,  
 But let them roam and they'll come home  
 With more than a tail behind.

D.I.M.



6:30 A.M.

## Military Notes

This year has seen many of our ranks join the A.I.F. and R.A.A.F., and practically all students are in the Militia. The College now has filled the ranks of the 4th Veterinary Hospital as well as the 6th Cavalry Mobile Veterinary Section. The whole course of College life and work is now being shaped by military activities; anyhow, why not, one gets paid in the army. Eight of the present Third Year did a special short course, and took their Diploma Examinations in July, in order to join the A.I.F. Recruiting ceased before they left, so they took a holiday until they found other channels of service.

The season and the military authorities must be working hand in glove, or else how could we finish the harvest by January 2, 1941, the next camp date? Fourteen days intensive training, not specified, for officers and N.C.O.s of the 6th C.M.V.S. and 4th District Remounts commenced on 27th January, 1940, and I'm certain we will never forget that early training. We were prepared for the onslaught of the uninitiated which took place on 10th February. Sgt. Rudall and seven others were detailed to Mt. Gambier to repair the damage sustained by the 3rd Light Horse. Jake was very attracted to the Mount, or was it the scenery? Pte. Lake was in his element, and L/Cpl. Wilkinson wove many a tale to the unsuspecting of wonders he had seen "Up North." Ossie Nottage, while on picquet, unsuspectingly intercepted a "straight right" in the "wrong spot" from one of his charges, and did not take interest in further proceedings for several hours. Sergeant Major Deane, of the A.I.C., was back with us, plus a wife and a driver's licence. Being a real military man he often called a "halt" when driving, and also gave hair-raising exhibitions of how to handle a motor transport.

The tent lines were erected near several large gum trees which failed to give protection from either sun or wind. We have been told of the "Dust Bowl" in U.S.A.; we had one of our own at the Gawler Racecourse. The engineers, under Cpl. Shegog, erected a crush pen, but to the impartial observer it resembled a Surrealist's dream. Gravel paths were laid down, and every time the unwary

left the straight and narrow, S.M. Deane imposed the prescribed penalty.

When we commenced the camp there were several N.C.O.s' vacancies, and the following were promoted on merit or otherwise: Cpl. Reddin to S/Sgt., and he and the recruits progressed to near perfection in elementary drill; L/Cpl. Brown quickly adjusted his outlook to that of an efficient Quartermaster Sergeant, and in due course could show a surplus in all equipment; Pte. Rudall, due to knowledge of South-Eastern affairs, was promoted to Sergeant.

The three inseparables, Ryan, Shegog and Winser, of Turretfield fame, quickly directed their combined energies towards making a Corporal's life one of ease—incidentally, they were Corporals. Their residence at Gawler was interestingly short, and they were the first of the Vets. to enlist with the A.I.F. Bidstrup, Roe and Humble were made Corporals, and Ptes. Lawes, Goldney, Butterfield and Tummel L/Cpls. Cpl. Humble was the Transport N.C.O., but he was often heard questioning the miles his charge went without him.

Sixteen remount horses were brought up from O'Halloran Hill for the Vets.' use. At one stage of the journey we found an electric light pole on the chain as well as the horses. An onlooker said: "They know their job." Cpl. Winser said: "I wish we could get these—! horses untangled." S.M. Deane took us for several crosscountry rides, and one, Cpl. Ryan, once more fell into the troubled waters of the Gawler River. After the recruits had gained "horse sense," in riding terms, the press of more important duties forced us to hand our mounts to the Field Ambulance.

Speaking of the Field Ambulance, they challenged the Vets. to a swimming match, and for us it was a "walk over"—as was their picquet tent. One mess parade a Field Ambulance compulsory trainee said: "There go the scavengers." A voice from our ranks instantly replied: "It takes three bob a day more to feed you."

During the course of the camp the regimental horses developed a desire for rest, so they came to us with all the ailments ranging from "Tireditis" to strangles. One visitor was heard to ask: "Which is the 9th and

which the 23rd horses?" but we could answer that. Captain Smith, our O.C., and his colleague, Captain Gunson, R.V.O. to the 3rd Light Horse, vied for the role of Chief Executioner. Lady Luck smiled, and the latter stampeded to the fore.

Ptes. Dean and Cashmore were called up by the R.A.A.F. in April, and I'm sure Monty enjoys the tropic charms of Pt. Moresby. Cpl. Humble and Pte. Habel joined the Permanent Forces, the former is still in the process of being "hotted up," and Des opines: "I used to pick 'em, but can't now." The last week of camp commenced with rain and a Military Ball, and ended with pay on 26th April.

To herald in the third year of the existence of the 6th C.M.V.S. at R.A.C., S.M. Deane, S/Sgt. Reddin and others joined the A.I.F. The weeks passed, and so did the two S.M.s, whose views on efficiency didn't coincide with Capt. Smith's.

On 19th October, realising that numbers count, and that Capt. Smith had reached the stage where a crown would be easier to carry than three pips, the 4th Veterinary Hospital was formed. Thoughts of all concerned were: "Wonder if I will get two or three stripes?" and promotions beyond the wildest guess were announced. Mere privates were found sporting three stripes, Nugget spent hours trying to distinguish his left foot from the right, and in his agitation grew a mo. Mr. Breakwell, seizing opportunity with both hands, is to be Capt. Quartermaster; too bad the wet canteens have not been extended to the militia. Capt. Chamberlain, an old student, is with the hospital, and Capt. Gunson assumes command of the 6th C.M.V.S.

R.S.M. Roe, S/Sgt. Butterfield, Sgts. Nourse and Lawes weave dreams of leisure hours to come. Cpl. Snook will be "fairly" well at home at Gawler, and L/Cpl. Goldney will perhaps, in time, appreciate the responsibilities of his rank. N.C.O.s of the Vets. are hoping their dreams of the Mount will come true: S/Sgt. Brown will be just "South of the Border," but Sgt. Day will be "far, far away." Cpl. Williams will discharge his duties with the utmost gravity.

Everyone is looking forward to the 2nd of January, 1941, when camp commences; from then on—who can tell.

W.O.

### THIRD YEAR NOTES.

We are now approaching the terminus of our journey through R.A.C., and we are doing so as a mere skeleton of the original year which entered the College in 1936. By this we don't wish to infer that the year was of such a low standard that only six of us have qualified to finish the course; on the contrary, only three of our number failed in this respect.

During the last sessional examinations in August, six of our members sat for a special Diploma Examination to enable them to enlist at the earliest opportunity, and we wish them the best of luck in their great venture.

A mention of a few of the chaps who have left our ranks would not be amiss, and naturally, the first of whom we think is the amiable, staunch "Brooky," who faithfully served us throughout the three years as Councilman, and is at present in the R.A.A.F. reserve.

Our red-headed comrade Jake, whose spare time was mostly taken up "shopping in Gawler," is passing the time before being called up in the A.I.F. in a militia camp. We also hope that that breezy little stockman "Wilkie" is not finding life too dull in camp without his Jimmy.

The remainder of the "Special Group" all had their qualities, too numerous to mention here, but it was much to their credit that all gained their R.D.A.s without a "supp,"



AQUATICS.

and all we can add is "Stick to it boys," in the true R.A.C. fashion.

Despite the loss of all these members, we are still holding our own, as was shown by our performance in the recent Athletic Sports, when we scored 21 points and easily out-pulled all-comers in the tug-of-war, including the "large-framed, plain-bodied" First Years. In the Teams' Race we had a "slight accident," but for which we probably would have won the race. The Third Year team and Second Year team became entangled, allowing the First Year team to win. (We think there was "dirty work at foot" by the other entangled team).

In the football team this year, which won the premiership, four of our members played throughout the season, and all played excellent games in the grand final. Again, two of our number are in the limelight in the cricket team, one being the captain.

As for the noble art of farming, we have proved ourselves to be an extremely efficient year, there having been no "bolts" throughout the various phases of the farm work during the year. Looking back over the reports this would appear to have created a record, as previous years have been famous for their bolts during harvest and silage making. We don't accept any responsibility for one of our members though, namely, Gussy, as he recently became the proud possessor of an infernal machine, commonly called a "two-banger," which is liable to bolt at the merest provocation and create a land speed "record" of easily 20 m.p.h.

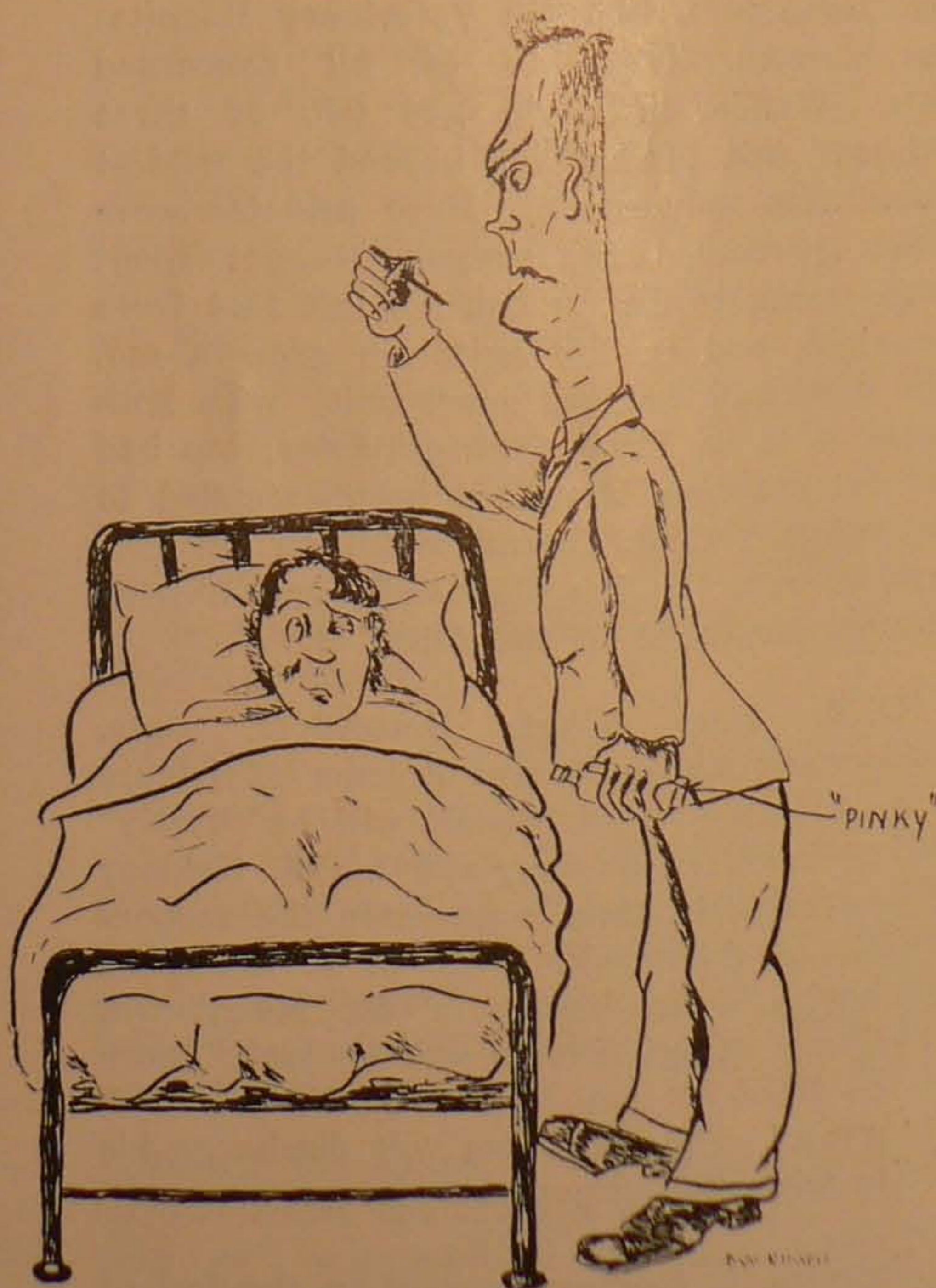
Our year is noted for its high percentage of misogynists, including Nugget, who is our confirmed bachelor, but Snookie's efforts make up for the shortcomings of the rest of the year in relation to the fairer sex. Rumors of his early engagement are becoming "fairly" persistent. At this stage, it is sad to relate that John recently left the circle of misogynists, and although he is staying in bed and complaining to Mr. Goulter of "Rix" and sprains, we have other ideas as to his debility. Bill Goldney (Rabbit), although he doubts the authenticity of woman, can still be lured into a very scientific game of bridge.

Despite the fact that no former Third Year has probably ever had to work under such adverse and unsettled conditions as at pre-

sent, we are confident of turning out, as a year, 100% in agricultural knowledge. We hope that statement doesn't offend Mr. McDonald, but we are including Dairying under "Agricultural Knowledge."

We have much for which to thank our Councilman, Rex Butterfield, in helping the year, as a whole, over the many problems which come, at times, before us. Above all, our thanks are due to the members of the Staff, as they, at all times throughout our career at College, have truly been our guides, philosophers and friends at work and sport. It is this all-round comradeship that has made our stay at the College three of the most enjoyable years of our life.

We are sure that in the years to come, when we seek advice from the members of the Staff to help us solve our problems, we will still find existing that friendship and understanding of which we are so proud, and we might fittingly conclude by saying:  
"Thank you, R.A.C." R.M.F.



PUTTING IT OVER.

## SECOND YEAR NOTES.

Censored extracts from a diary that was found tied up with pink ribbon.

May.—Second Year arrive at the College like so many colts in from the paddocks—much bucking, swearing, kicking. Emerge after a week like a team of horses after a week's hard ploughing—sore shoulders, sore heads, and a small percentage of blood-shot eyes. Mental equilibrium made stable during Thursday of second week. Unfortunately had first book-keeping lecture on Friday—equilibrium upset; spent rest of month regaining same.

June.—Dance, rolling, lamb weighing, football. It was noticed by "Fifth Columnists" that the strictest etiquette was observed by Second Years on night of dance. Football season opened with six lusty Second Years playing—Arnold (captain), Brit (vice-captain), Alcock, Syd Reid, Russell, and Happy Boy. Great interest was shown in the crop rolling. All excelled themselves in this highly skilled pastime. "The farm report that "Roseworthy Brilliant Girl" (champion sow) had passed her useful period" was greeted with much gnashing of teeth and expectant changing of clothes. Opinions on lamb weighing will never be known, due to a certain "masculine pride." However, from the appearance of so many strained faces the effect must have been somewhat violent.

July.—"All the Second Year students and crops are now well established and making excellent growth." (Farm report). First week: Begin swotting for exams. theoretically; 2nd week: Begin swotting practically; 3rd week: Begin swotting seriously; 4th week: Exhausted—Mr. Goulter suspicious of "Bidomak." Exams.! End of Exams.!! Half dead!!! More "Bitter Mac" needed.—Vacation.

August.—After two weeks we returned all prepared to "kick over the traces." "Second Year students' work was heavy during latter part of this month. All members were occupied with ploughing, harrowing, cultivating, shopping in Gawler, paying visits to tailor and dentist in Adelaide, and book-keeping." (Farm report).

September.—"In all cases Second Year students have been struggling as the result of continued dry conditions, and the exam. results in December will suffer accordingly." (Farm report.) First trolley of the season put out of action—the driver turned too sharp a

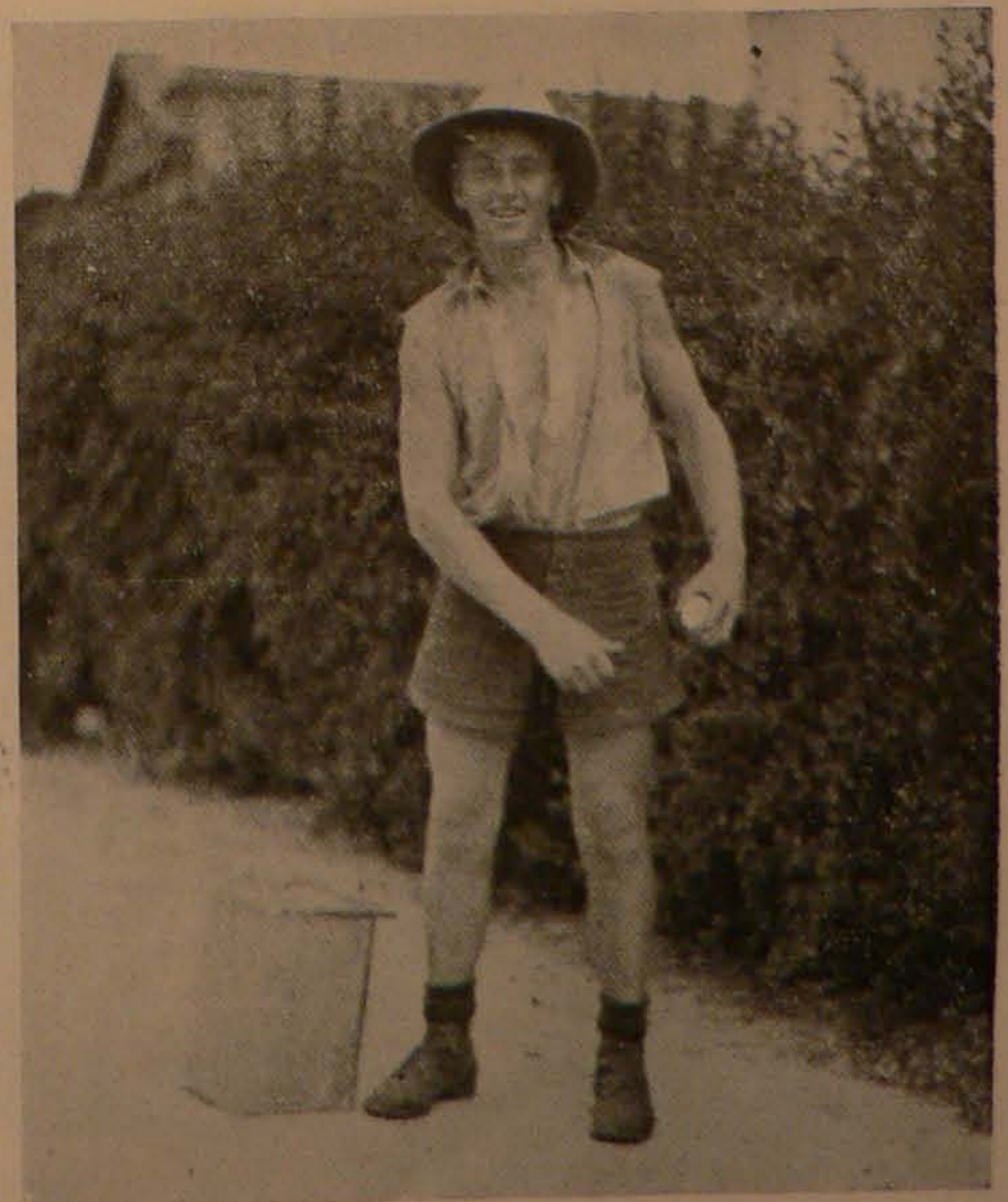
corner in the middle of a paddock—this sounds stupid, but it is very easy to do.

October.—The Premiership Ball a great success, with Second Years in dual role of footballers and bulwark of social committee. Cricket opens with H. Day (vice-captain) and Barlow and Hilton making up the eleven. Stooking—once again "German versus Round Stooks" comes into vogue, with Second Year unanimously voting for the former—the farm staff still cling to "more feed value," "better in wet districts"—but they still can't build one.

November.—With the majority of the Second Year studying their horoscopes, the month promises to follow the dictates of the week-end paper.

December.—All students remarkably successful in all annual examinations—especially book-keeping, which was just another day's garden. Class assembled before Principal and Staff to have read to them Council's congratulations. Silver medals presented to whole class. But this is really November, so that—must be prophecy.

In conclusion, we wish to thank those staunch fellows who carried us shoulder high in sporting, scholastic and social spheres. Special thanks are due to Councilmen Arnold and Pallant, who entered as Second Years, and did a Third Year's job.



HARD BOILED.

## FIRST YEAR NOTES.

As soon as we had settled down to our new surroundings and shaken off that "First Year complex," we found some remarkable talent revealed, on the football field in particular. D. H. Yeo and T. E. Dunstan proved to be a brilliant combination—to them the control of the elusive spheroid seemed to come as second nature. Yeo was presented with the Chairman's Cup, a cup for the best, fairest, and most consistent player during the season, and received recognition as the runner-up for the "Mail Medal." Dunstan also received a cup, and this for the best player in the premier-ship match. D. I. Murrie, J. V. Morton, M. McKay, M. J. Beaton, and R. L. Day also played well during the season, and all received football badges.

We owe much to D. I. Murrie—champion athlete for the year—whose tally of points went a long way towards our winning the Inter-Year Shield. We can take this opportunity to congratulate him on winning the pole vault by such a margin as 4 inches, and breaking the record for that event into the bargain. He was ably supported by ex-Harrier R. C. Kenny, R. B. Hooper, P. V. Monk, and B. W. Gransbury, winner of the First Year Steeplechase, the cross-country run and the mile flat.

W. J. Martin and D. H. Harrison were our best golfers, and they reached the finals and

semi-finals respectively for the College Cup.

Again, in cricket, members of our year command a large percentage of the team. These include R. P. Day, D. H. Harrison, T. E. Dunstan, D. H. Yeo, and G. F. Chapman as the best players. Our rifle shot is P. V. Monk, who was selected in a team which was to have gone to Hawkesbury this year, and he is also quite fast in the water. With the aid of K. W. Ward and R. J. Baker, he should prove a valuable asset in this sphere also.

C. Halloran is our tennis player, although R. B. Hooper and W. J. Martin also top the list.

Turning to affairs agricultural, we find that we have progressed far from the time when work was nothing less than an affliction, especially stables. But now that we have learnt to know horses better we incur less wrath than we used to do, and don't introduce the wrong horses to one another.

Dairy was also something to be feared then, in fact, so anxious was one of our number to ensure the keynote—cleanliness—that he made a thorough examination of the whole interior of the boiler before attempting to light a fire in it.

Another, a veteran of many branches of the Militia, encountered considerable difficulty in locating the cows—searching for two hours, only to discover that they had taken it on themselves to come into the dairy unescorted.



INTERVAL.

L.G., apparently of Cossack origin, was observed to dismount skilfully from a bolting horse, whilst a well-known musician and hive of technical information, although prone to a mysterious affliction which prevents him from lifting weight, recently gave an exhibition of trick riding with what could have only been a natural ease.

One morning we were treated to an unusual spectacle. Whether it resulted from a long-nursed grudge or whether it was quite an involuntary action we don't know, but those of us present were surprised to see the point of B.W.G.'s pick establish itself in what was, at the time, a prominent portion of an officer's anatomy. Little was said, but the injured party, still a little surprised, staggered off in retreat, casting reproachful glances at the now repentant B.W.G., and clutching the painful member.

A record year, we all survived to the last—except two:—Mal Western, although his stay with us consisted of but short-comings and long-goings, was missed by all when he went back to sustain a vineyard; and "Sam" Dolan, who disappeared from sight soon after the third month in residence.

We conclude with a vote of thanks to D. I. Murrie and R. P. Day, who did such excellent work as our Councilmen. J.S.

#### OENOLOGY, 1940.

The Oenology class has suffered a severe setback this year (blame Hitler), there being only two senior students and one solitary First Year to uphold the fame and traditions of Bacchus.

Of last year's three senior students, two are employed by well-known wine firms, whilst the other is overseas with the 2nd A.I.F., trying to remove wine export difficulties by helping to exterminate the Nazi menace.

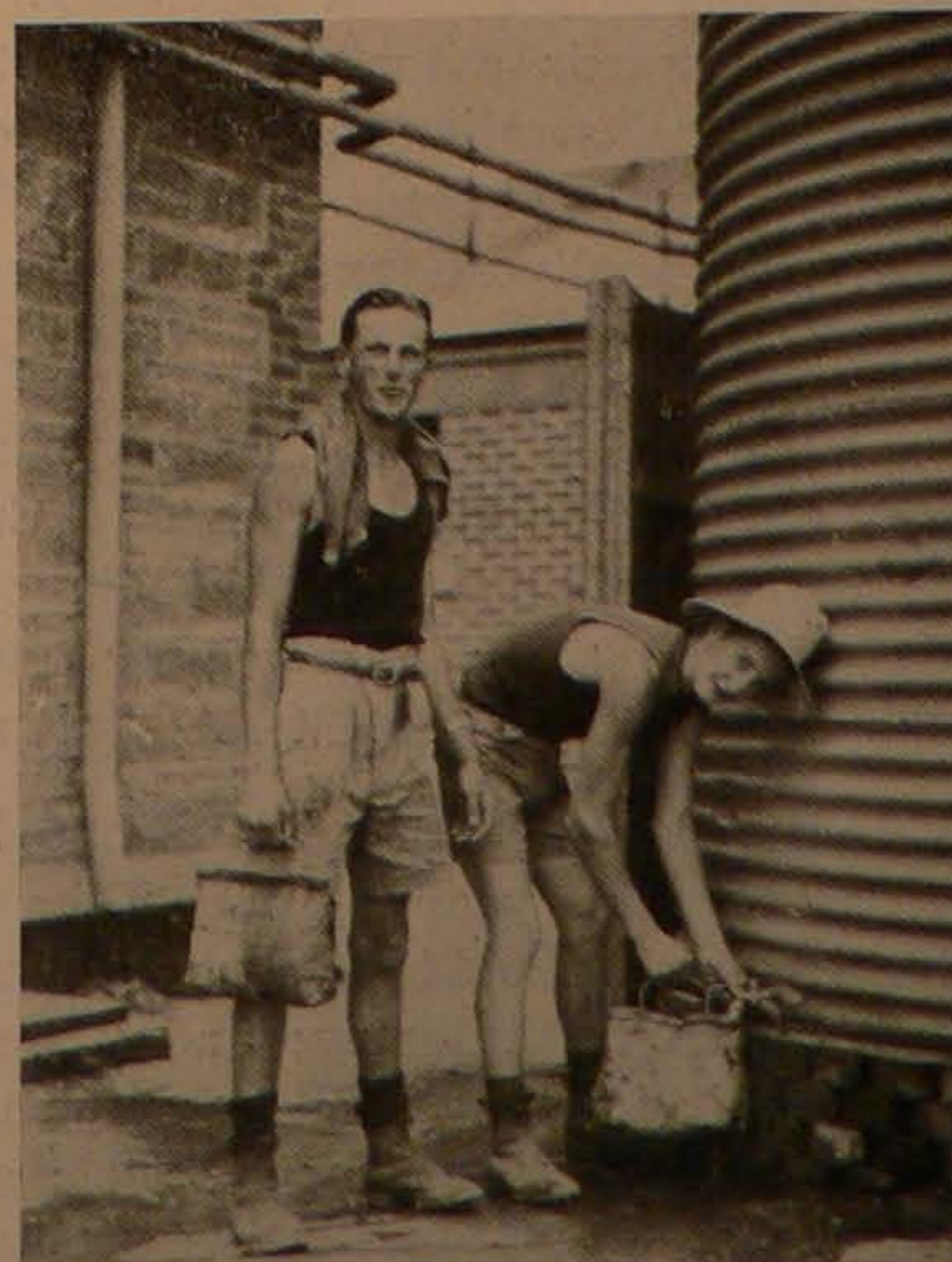
Four students were to have completed the course this scholastic year, but two said farewell last year, one having joined the Navy (no doubt he still thinks "wine is better than brine"), and the other the 2nd A.I.F. (he by now would most assuredly have carved his name on the Sphinx).

The two seniors, Heath and Hanisch, having been introduced, inducted and welcomed into the fold of Bacchus in our last issue, need no

further comment, but mention must be made of our solitary First Year—

WALTERS: Hails from the flourishing metropolis of Reynella. Commonly known as "Long Tom," he is of rather complex composition and structure which, at times, especially after a hectic week-end, reminds us of the Sydney Harbour Bridge when but half completed. He says he has joined the R.A.A.F., but we believe his intention is to sally forth to the upper layers of the atmosphere to observe the effects of ozone in hastening maturity.

The last scholastic year ended on 1st March, which subsequently meant the losing of two qualified oenologists, Angove and Smith, from our small, but by no means insignificant, ranks. Both of these veterans are now doing yeoman service for the wine industry; Angove at Angove's, Ltd., Renmark, and "Smithy or Smythe" at the Berri Co-op, and although the wine industry is now experiencing a difficult period, they are the right men to help keep the wine trade above water, which always has been the last resource in quenching one's thirst. The 1st of March will also be remembered for the unveiling of the Memorial Plate in memoriam to Messrs. H. Gramp, T. M. Hardy, and S. Hill-Smith, who were victims of the ill-fated "Kyeema" disaster. Many wine-makers and friends attended the ceremony, and Messrs. L. N. Salter and R. H. Martin spoke in eulogy of their characters and attainments, and emphasised the loss that the industry, and all who knew them, had suffered.



IT REVIVES YOU.

Although our members are depleted to the extent of one instructor per student, the Oenology course, yet in its infancy, is still carrying on, and it is hoped will continue to do so, as qualified Oenologists will be invaluable to the industry after the war, when the wine trade will "boom" as forecast.

Each year the course is becoming more fully equipped for our education in practical wine-making, and this year additions to the winery include a refrigerating plant, vinegar generator, germ-proof filter, a de-aerating unit and pasteuriser, all of which are now in successful operation. Another item of paramount importance to our education was the replenishing of wine samples for tasting purposes, and throughout the year many interesting tastings were conducted on these various Australian wines, and comparisons made occasionally with imported wines. Here we take the opportunity of once again thanking the numerous wineries who donated wines to the College for our tasting experience; to these several purchased lines were added, and a range of wines of various districts and States was eventually accumulated.

Our educational trips this year included wineries in the Barossa district as well as the Adelaide Hills, also other manufacturing concerns in and around the city, all of which were very interesting, and gave us an insight into the modern equipment used nowadays in the wine industry. The places visited in the Barossa district included Seppeltsfield, which possesses a vinegar manufacturing plant in addition to the winery and distillery. Here we were afterwards entertained with tasting imported and Australian wines. Later, the same day, we visited Tarac, Chateau Tanunda, and finally Gramp's at Rowlands Flat.

Other places visited during the year were Tolley's distillery, the Adelaide Customs Office, R. H. Martin & Son, Woodley Wines, Ltd., Babidge's, West End Brewery, and also Customs Laboratories at Pt. Adelaide.

The Individual studies carried out by the senior students this year includes "The acidity of wines," which provides scope for valuable information to the industry; and "The effect of certain distillation procedures on the composition of brandy," which is just another step in the series of distillation problems on hand.

Quality is synonymous with rarity, and this year we have certainly got the rarity and undoubtedly the quality—the degree course this year being found to possess an unequalled tutorial ability in such time-wasting subjects as cribbage, string-tricks, etc., into which even the most conscientious of Third Years can be lured—much to his discomfiture when he realises that the predominating thought of swotting has been momentarily ousted from his consciousness by the blight of his existence—the 'Varsity cad.

Still the Third Years and Staff are to be congratulated for the forbearance and fortitude they have exhibited in tolerating the presence of that "product of higher learning" blown up from the University for a year, which has been a most enjoyable and instructive one. The 'Varsity cad will long hold pleasant and grateful memories of R.A.C.

J.V.S.

—————:o:—————

### SUCH IS THE PLACE.

A naked room, a naked floor,  
A shaky chair behind the door,  
A table bare of flowers—but books,  
And rows of clothes upon their hooks;  
Such is the place that I live in,  
Bleak without and bare within.

A large white shed, a noisy yard,  
A shimmering dip of concrete. Hard  
To handle sheep; and sweating men,  
All wrought to fill that next, last pen;  
Such is the place that I work in,  
Dust without and heat within.

Below the pines, below the courts,  
There lies the oval for our sports;  
Beyond the hill the swimming pool  
With placid waters, calm and cool;  
Such is the place that I play in,  
Strife without and peace within.

D.M.G.



## Ex-Students at the 'Varsity

After a glorious three months' siesta we happy band of aspirants to knowledge set out on our rough and muddy road to victory. Many were the ruts and ditches, but being of strong constitution, most of us overcame these in part, but not without the usual hurling of invectives when the engine failed to function with the utmost efficiency.

The results obtained varied in character, but by taking the root mean square it was shown that the traditions of R.A.C. were not let down in any way.

P. J. Young and G. M. Mayo answered the call to the colours at the end of the first term, and joined the Artillery in the A.I.F. These two students should make excellent fighting material as well as having a good influence on their companions in the fighting forces.

Laurels definitely go to R. G. Baker and N. T. Tiver, who have completed a meritorious course and are now entitled to the handle of B.Ag.Sc. to their names. R. G. Baker capped his usual successes with four credits in his final year, and N. Tiver also obtained a credit in a flourishing finish. These two students have had little time for sport, but the former was seen coming out of the Coal Hole on several occasions after a strenuous afternoon's work.

C. E. Haines is another student who has had a brilliant career. Besides being one of the mainstays in South Adelaide A's, he showed the rest of the boys how to do exams, by obtaining three credits. Lids should be dipped to one who can combine study, sport and pleasure; the latter two may appear synonymous, but I wish to stress that he also enjoys life in a big way.

H. T. Hughes completed the third year of the course, and passed in Agriculture III. He ably filled the honoured position of being official chauffeur to the elite (?) Agric. faculty, for which we are most grateful.

The experiences of those students spending their second year at h— on earth varied in nature. This quartet comprise R. G. Beck, P.

S. Butler, R. H. Kuchel, and F. M. Mitchell, and they all missed one subject; this is passed off lightly when we consider it was the smallest subject, and in any case we hope to find it easier next year. (It can at least be said that we are a sociable crowd).

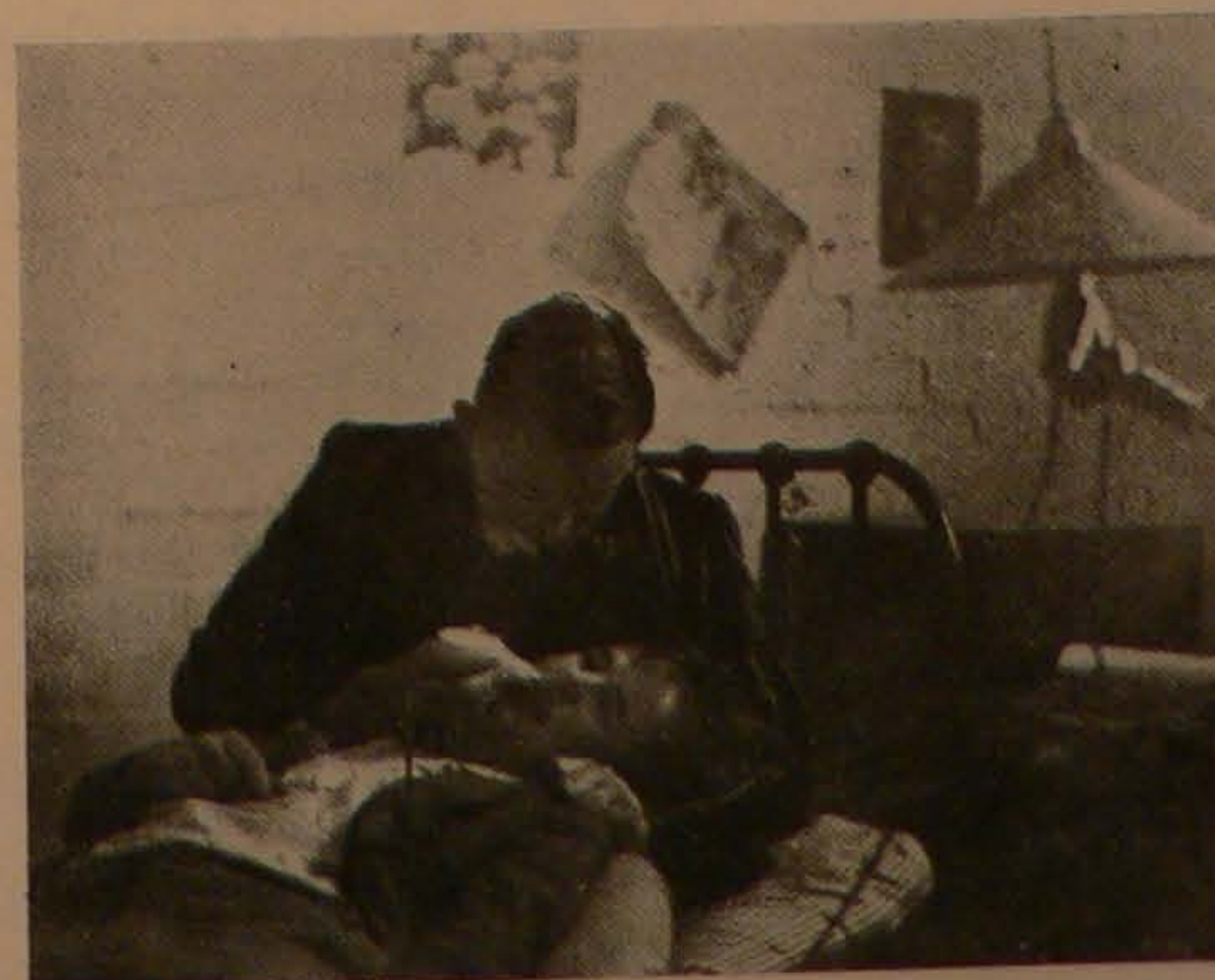
R. Kuchel lost a few "pints" because of his effort in obtaining top credit in Botany II. Speaking of Botany, one student was very surprised to find out that Phragmites was what it was and wasn't Triticum—never mind, these young lads will make mistakes. Another member has taken a keen interest in poultry, and has added a fine specimen of *Stellaria media* to his extensive collection, but the full sister, namely, *Chenopodium Sp.* still holds pride of place.

P. Butler has taken a wide interest in the all important vitamins, especially the P.P. factor included in vitamin B.

B. P. Bidstrup tackled "medicine" with his usual vigour, but this course is renowned for the fact that students either pass or don't.

Besides these ex-students at Adelaide, three others have been carrying on the good work at Sydney doing Vet. Science. They are R. L. Mitton, P. G. Schinckel, and P. Irwin; as their results aren't out yet I can't pass any comments, but just wish them all the luck they deserve.

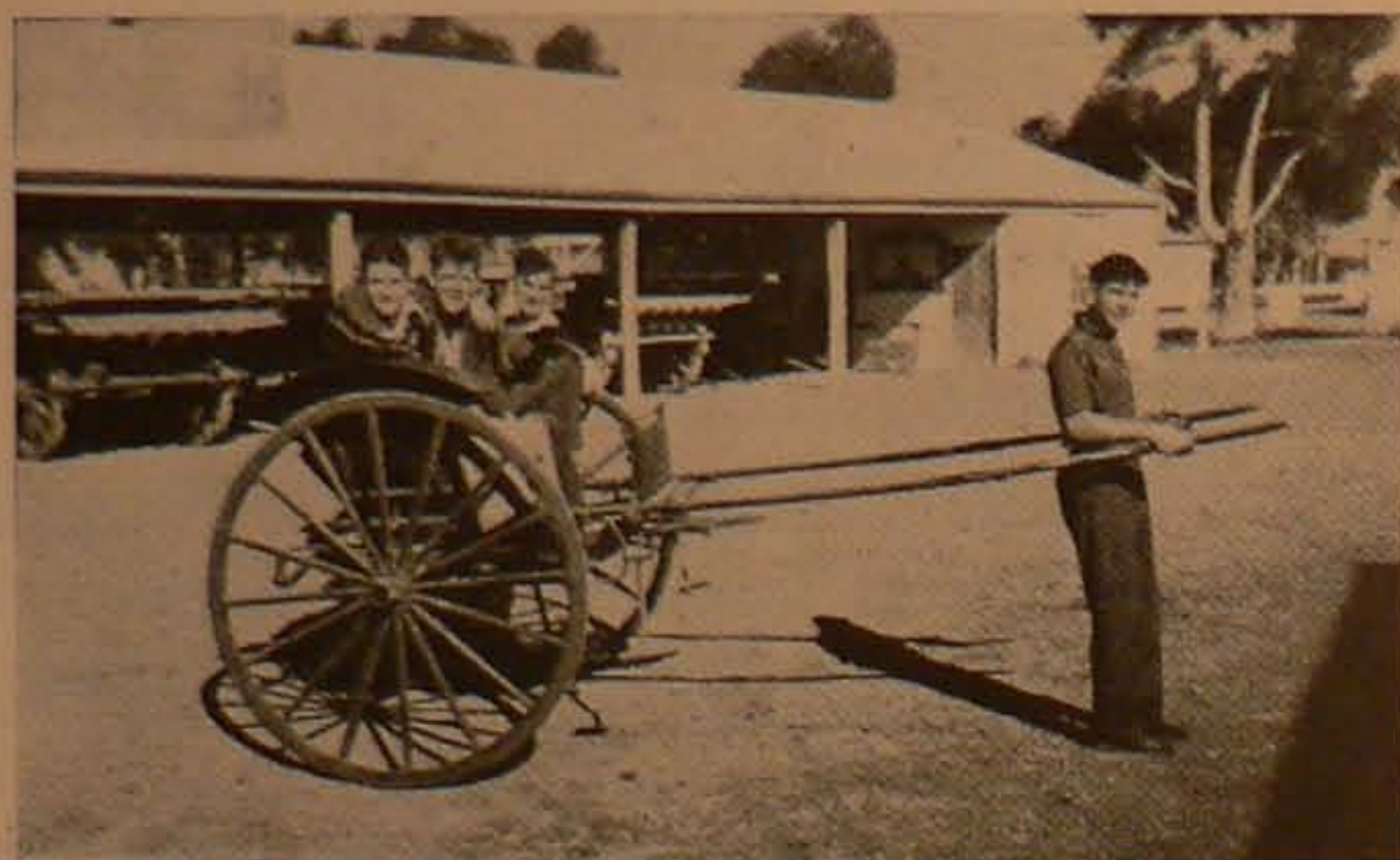
Two students have just finished the Dairying course at Hawkesbury College. J. L. Hutton was dux of the Diploma list, and F. O. Perry finished well to the fore. R.K.



THE SALON.

## Social Notes, 1940

This year, owing to the war, the ladies of the College, under the direction of Mrs. Callaghan, formed a Comforts Fund for old students of the College serving in any of the fighting forces. For this reason, the decision to give any profits from dances held this year to this worthy fund was very welcome. Although only two balls were held through the year, these were so well attended that about £52 was handed over to the above fund to provide comforts for our old scholars and to let them know that we haven't forgotten them.



GOING PLACES.

June 28th, the night of our Annual Ball, was a mild and very pleasant evening. The dining hall, decorated with tall window boxes of shrubs, the latter also arranged round the orchestra stand, looked very attractive. The supper, continuous in the wireless room all night, was a striking example of the cooks' and kitchen staff's ability. Although expense was kept down to a minimum owing to the nature of the ball, the supper was beautifully prepared and laid out. Apple juice was the standard drink for the evening. The attendance was large, about 250 being present.

On September 7th, the College football team won the Gawler Association premiership, and to celebrate this a combined Premiership and Athletics Ball was held on 18th October, the day of the Annual Athletics. One of the main features of this ball was the full moon and warm evening with which 18th October presented us. As with the Annual Ball, the Premiership Ball was in aid of our own Comforts Fund, and a substantial sum was raised for this purpose. On this occasion also, the attendance was large, including a greater proportion of old students than usual, and many were in uniform. The Secretary of the Gaw-

ler Football Association (Mr. Les Ellis) and delegates from the Centrals, South and Wil-  
laston Clubs were also present.

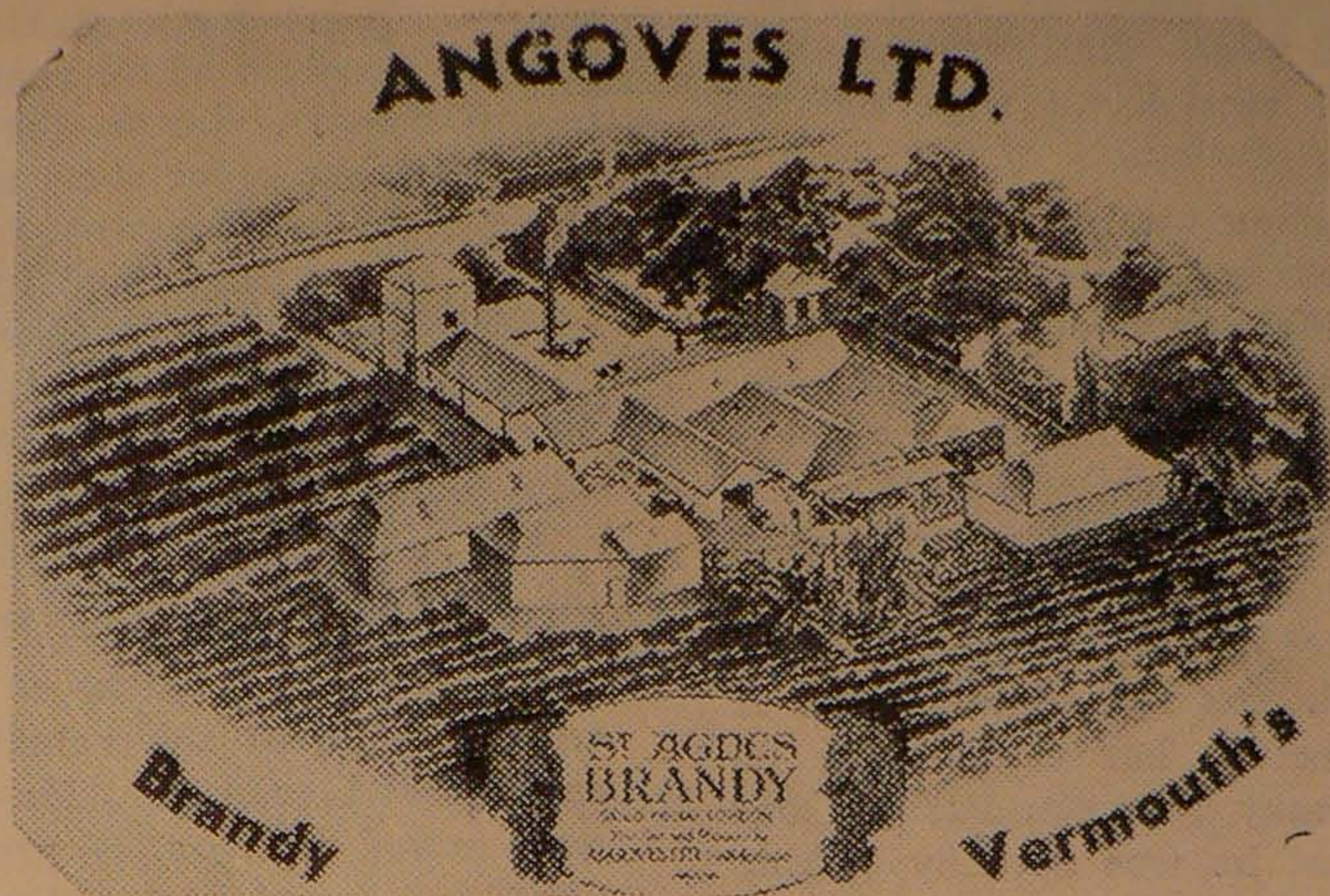
The guests were greeted by the word "Premiers" (worked in pansies) suspended from the ceiling in the main hall. The staircase was attractively wreathed in leaves. The floral decoration of the dining hall was the main attraction of the evening. Rarely, if ever, before have such beautiful blooms been laid out so attractively as were the flowers used to adorn the hall. On this point, I should like to express our appreciation of the efforts of all those who so willingly either gave flowers or helped to arrange them so beautifully.

During the evening Dr. Callaghan presented the premiership shield and four trophies won during the season. Dave Yeo received the Kellett Cup, Tim Dunstan the cup for the most brilliant player in the grand final, Syd Reid a cup for his fine play during the season, and John Arnold a cup for services rendered. The last two were presented on behalf of an "anonymous" donor, which reminds me that the supper, held continuously as with the Annual Ball, was once again a great success, grape juice being the standard drink on this occasion.

These notes would be incomplete without a general vote of thanks to the cooks and kitchen staff, who so generously gave us their services gratis, and who so ably contributed to the success of both the Annual and the Premiership Balls. In closing, I should like to express our deep appreciation of the services rendered by all those who either directly or indirectly helped to make the balls the undoubted successes they were.



THE LOYALISTS.



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## Debating Notes

Debating during the first session was, contrary to expectations, distinctly of a higher standard than last year. But, unfortunately, during the second session we were not active owing to lack of time.

The opening meeting was perhaps the most successful. No particular talent was unearthed, but the audience had a respite from the usual "audience torpor." Arnold's lecture on conscription promoted a considerable amount of friction, while a third party, more sober, in the form of Mr. MacDonald, summed up the position well. Undoubtedly the star performance of the evening was Lake on Boils. His talk was full of all forms of humour. Never before has a discourse on boils covered so many subjects, but yet one had the feeling that he was actually talking about nothing at all. Which is extremely difficult to do.

The evening drew to an end with a discussion on "Whether birth control is leading to the destruction of the British Empire." Members displayed a surprising amount of knowledge in this subject.

Later on during the session an informal debate took place on Summer versus Winter. It was a success, and it was found that there was an unexpected amount to debate about.

On 25th August a debate was held against Gawler River. The subject was: "The less the State interferes with the individual the better." The College team consisted of Butterfield, Bagenal and Arnold. In spite of the great difference in age between the visiting team and ourselves, we were victorious; which is contrary to the usual belief that wisdom and age progress hand in hand. Mr. MacDonald and Mr. Spry were adjudicators. Dr. Callaghan kindly asked both teams to supper in his office.

And last but not least, we are indebted to Mr. Thompson and Mr. MacDonald for lending such helpful hands.

:o:

## Rifle Club Notes

The war has altered the normal functioning of a good many organisations, and it has certainly had a marked effect on the working of rifle clubs. In May of this year, all rifle bodies throughout the Commonwealth received notification to the effect that their available am-

munition must be returned to the Defence Department, and that no further supplies would be forthcoming for the duration of hostilities. This drastic measure meant the indefinite cessation of all range work until further notice. As far as the College Club was concerned, the order came at a most awkward time; since a team was in the process of practising for the annual Inter-Collegiate rifle contests, scheduled to take place at the beginning of June. However, there was nothing for it but to face the cancellation of a good trip philosophically, and all resigned themselves to this particular necessary phase in the country's war effort.

At the commencement of the year, the club was deprived of the valuable services of its captain and manager, Mr. Gurner. It was with mixed feelings, of pride at his appointment and regret at his departure, we learned that he had been called up for service on the training staff of the A.I.F. for the duration of the war. Mr. Gurner has put a tremendous amount of time and energy into the affairs of the College Club, and it is very largely due to his unbounded efforts that the club enjoys such excellent facilities on its range. The club takes this opportunity of congratulating Mr. Gurner on his military appointment to the rank of Major.

As far as the College Club is concerned, the outstanding feature of 1940 has been the formation of a unit of the Rifle Club Defence Corps. At the commencement of the war, the South Australian Rifle Association became actively engaged in an endeavour to bring before the notice of the military authorities the potential defence value of the Reserve Rifle Clubs. They contended that with sufficient guidance, the rifle club members could be easily trained up to an efficient unit readily available for local defence purposes. To be expert marksmen was not enough; it was essential that riflemen should drill and make themselves into soldiers. When, owing to the necessity for conserving ammunition, rifle shooting had to be abandoned, the rifle clubs found themselves with little or nothing to do. In July a scheme for the military training of rifle clubs was formulated, and Governmental approval given for putting it into operation. About that time the R.S.L. Volunteer Defence Corps was also formed, and the returned soldiers began a system of organised training throughout

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the country. When the rifle clubs began training, difficulty was experienced in finding suitable qualified instructors, and arrangements were made with the V.D.C. for the rifle clubs to co-operate with them and to reap the benefit of the training facilities they had to offer.

Members of the College Club unanimously favoured the formation of a defence unit, and at the invitation of the Gawler Branch of the R.S.L., arrangements were quickly put in hand for the College unit to train under their supervision. Most of the club members not already actively connected with the Veterinary Section (the College Militia Unit) have been regularly attending the Defence Corps' parades on alternate Saturday afternoons and Sunday mornings. The Saturday parades are conducted at Gawler with the V.D.C. there, and those held on Sunday take place at the College under the able supervision of Mr. Hickinbotham. The club has been most fortunate in having Mr. Hickinbotham's services as instructor made available by the Gawler V.D.C., and we take this opportunity of expressing our appreciation of the time and effort that he expends on our behalf.

The form of training being carried out consists of infantry drill, rifle instruction, tactical exercises, and etc. Now that the College unit has settled down to steady training, the work is proving most interesting and helpful, and members at least have the satisfaction of knowing that they are doing something to assist in the country's war effort.

With the view to bringing all the Gawler district units together, a combined parade was held on the College Oval on Sunday, 10th November. Units in attendance were from Gawler, Lyndoch, Wasleys and Roseworthy. Col. Hawker, C.O. 10th Battalion V.D.C., took the salute, and addressed the assembled company. Among those at the saluting base were Dr. Callaghan, Mr. Antwis (Mayor of Gawler), Col. Best, and Mr. Beadnell. Many of the men present brought their families and made the day a picnic outing.

Although the Defence Corps has only recently commenced its training, it is felt that it can form a valuable adjunct to Australia's defence. Every little effort counts towards the Empire's victory, and there is nothing we wish for greater than that.

D.H.S.M.

## Educational Trips

Due to a somewhat interrupted year and the loss of eight of our Third Year members, who had a short Diploma course, in order that they might enlist in the Air Force, A.I.F., etc., our educational trips have been all too few. We regret that we were unable to visit such places as the South-East and Woods Point on the Murray.

Early in the College year we visited the Waite Institute, and had a very instructive morning there, and gained a little knowledge of the growth and habits of various grasses and clovers. Funds seemed to be pretty right that day, and we all piled into taxis to get to the Waite. By 12 o'clock the lads were feeling pretty hungry, and so we again took taxis and rode in style to the "Stag," where dinner had been arranged for us. We then pushed on to the School of Mines, where Mr. Codrington tried to further enlighten our rather hazy ideas on woolclassing.

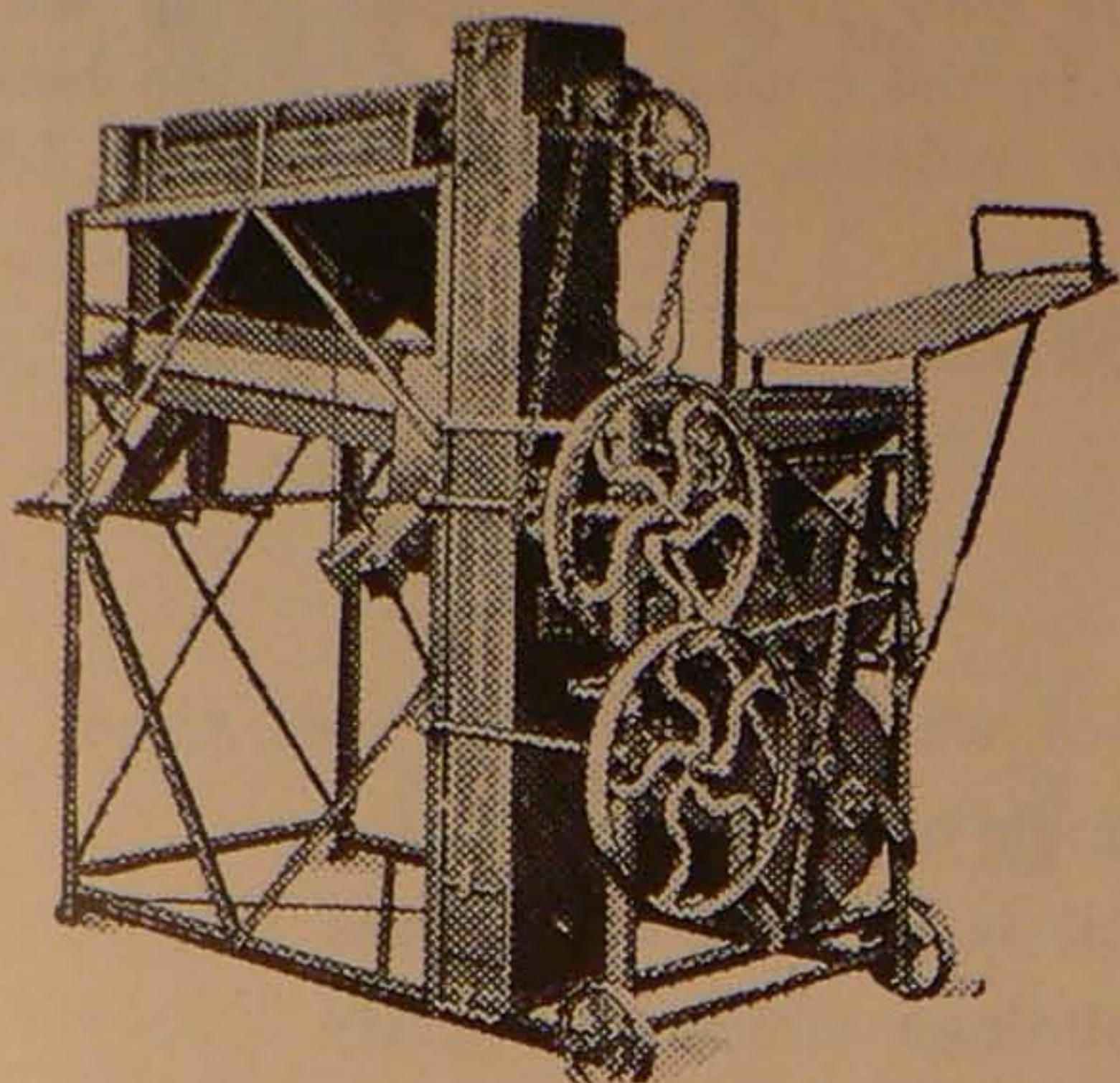
Our next trip was to Angaston, and here we were shown over the Angaston Co-operative Packing Shed, which handles dried currants, apricots, peaches and pears. Two, three and four crown fruit were all the same to us, and all went the same way. The manager was heard to remark that he was glad that the fruit wasn't his. After that we toured around the district and saw different systems of trellising vines, fruit drying apparatus and a small private fresh fruit canning concern. We rounded off the trip by calling into Smith's Yalumba Winery, and had a very interesting tour of the place. Of course we couldn't leave without first sampling their wares.

Later in the year we visited Mr. Kelly's property at Giles Corner, mainly to see his system of contouring his arable hilly land for the prevention of excessive water erosion. With the doctor driving, the "Chev" fairly ate up the miles, but, oh! how hard the back seats got, as bumps didn't seem to worry the driver.

Our next trip was to the Abattoirs, and here we were very impressed with the efficient system of handling, slaughtering, skinning and preparation of carcasses of fat lambs, pigs, steers and calves for market. The modern refrigeration unit capable of holding approximately 130,000 lamb or pig carcasses also impressed us very much. We had an en-

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joyable dinner there, especially two of our members, "Jacky" and "Bill."

Our main trip was one to the Southern Hills, and to describe this trip in detail would fill a volume. On this trip we were accompanied by the doctor, Mr. Thompson, and Mr. Mellor, the last named being our very capable driver.

Properties visited were as follows: Mr. Gordon, Mt. Crawford; Miss McBean, Mt. Pleasant; Mr. Hampden, Meadows; Mr. Deplidge, Wypinga; Mr. Evans, Yankalilla; and the Myponga Cheese Factory and Piggery (co-operative concerns).

In all this country we saw methods of clearing, rolling, burning, and ploughing of virgin land ready for the establishment of subterranean clover; methods of pasture management and renovation; and animal husbandry, especially sheep and pigs.

We had dinner that night at Victor Harbour, and it was quite a change from the usual camp pie. Of course, being in strange surroundings, the lads had to explore the town, but that didn't prevent us from rising bright and "early" next morning. It was rumoured that one of our members was in a slight trance for several hours that morning, due, perhaps, to various reasons. Anyway, we all get that way occasionally. Our trip would have been a great success but for the rain which would come about 12 o'clock and continue for several hours.

Still at all times we have our lighter moments, and when "Willie's" hat was squashed in the mud by Johnny's number nines, we laughed until we nearly cried. It wasn't our hat! How naice!! Later on at Yankalilla a large cop hauled Mr. Mellor up for pulling in to the footpath on the wrong side of the road. Mr. Mellor, however, forcefully squashed his arguments and we left him to his thoughts—perhaps it was his first case for the year. After going through the Myponga Cheese Factory we journeyed on to Adelaide, had tea, and returned to the College after a pleasant and instructive two-day trip.

We desire to thank all those property owners who willingly gave up some hours of their time to show us around, and especially the womenfolk, who kindly supplied us with morning tea, etc., which was greatly appre-

ciated, as you might guess, knowing College students.

To the Staff members who made these enjoyable trips possible we extend our sincere thanks and hope that these trips will continue in the years to come for the benefit of future students.

J.W.G.

—————:0:—————

## NUMBER NINE.

—————

Once where only wheat was sown,  
Stands a building on its own,  
Dull is he who could pass by  
Buildings which so signify  
Progress made at R.A.C.,  
Modernising industry.

He who enters there within  
Finds himself 'midst noise and din,  
Humming churns and sizzling steam,  
Butter pats and reek of cream,  
And like a robot army fast,  
The dairy boys go racing past.

Now Mr. Mac. is in his glory  
As hour by hour he tells the story  
Of how the churns and freezers work,  
And how contractors used to shirk;  
How he, by guile and strategy,  
Produced the perfect factory.

And how we hope that we won't blunder  
When we pull the works asunder,  
Cleaning down, and washing through,  
Pumps and pipes and coolers too.  
We sweat and slave and never slack,  
Then sleep and dream of Mr. Mac.

With interest in his cows now tossed,  
He stands amongst his works quite lost;  
"Away down yonder" he'll be found,  
The squeals of pigs by distance drowned;  
The bells may ring and stars may shine,  
But the hub of the world's in Number Nine.

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# Sports

## COLOURS AWARDED.

### Blues.

Tennis, 1938-39.—C. Slee.

Tennis, 1939-40.—J. Reddin, J. G. Rudall,

R. T. Heath.

Golf, 1939-40.—J. G. Rudall.

Swimming, 1939-40.—A. H. Waters, R. F.

Shipster, T. W. C. Angove.

Rifles, 1939-40.—J. J. Wilkinson.

Football, 1940.—J. M. Arnold, S. K. Reid,

D. H. Yeo.

### Badges.

Athletics, 1939-40.—J. R. Walters, R. L. Shegog.

Tennis, 1939-40.—J. Reddin, J. G. Rudall, S. G. Williams, M. Goldney, R. T. Heath, H. R. Nourse.

Swimming, 1939-40.—A. H. Waters, S. K. Reid, B. H. Lake, E. J. Snook.

Cricket, 1939-40.—G. S. Brown, J. Searson, H. Nourse, J. Goldney, H. R. Day, J. Comley, V. J. Ryan, J. G. Rudall.

Rifles, 1939-40.—J. J. Wilkinson, T. W. C. Angove, L. F. James, N. P. Brookman, A. H. Waters, V. Cashmore, H. M. Martin.

Football, 1940.—J. M. Arnold, A. E. Britten-Jones, J. Searson, L. W. Pym, R. M. Butterfield, H. R. Day, T. E. Dunstan, D. H. Yeo, S. K. Reid, D. I. Murrie, M. J. McKay, C. R. Alcock, D. W. Russell, J. V. Mertin, M. J. Beaton, R. P. Day.

Tennis, 1940.—R. T. Heath, S. G. Williams, J. G. Rudall, D. A. Barlow, C. Halloran.

D. S. THOMPSON,  
Sportsmaster.

—:o:—

## SWIMMING NOTES.

The 1939-40 season opened with much work to be done to the pool and surroundings. As usual the pool was overgrown with weeds, and the removal of these provided First Years with many hours of enjoyment. The dressing shed, chute, diving tower and turning boards were painted, and this considerably brightened the pool's surroundings, and gave the First Years more fun.

When most of the weeds had been removed the pool was filled, and on 16th December,

1939, the Jamestown Swimming Club visited the College. Our swimming team competed against and defeated them, gaining 36 points to Jamestown's 23 points.

During the winter months this year the water in the pool was pumped out into the orchard, and it was proposed to fill in the space behind the turning boards and board up the ends completely. The necessary materials, however, were unobtainable owing to war conditions, and the idea has been abandoned until such time as the materials are available.

During this year the club experienced a change in managers, when Mr. Hay was called up for service in the R.A.A.F., and Mr. Williams took his place.

The annual swimming sports for 1939-40 season were held on Thursday, 21st December, 1939. The weather was quite favourable for swimmers and spectators, but in spite of this not many spectators were present. In future, efforts will be made to raise interest amongst parents and friends. The Col. Fulton Cup was carried off by the Second Year, with 11 points to spare.

The Championship Cup was captured for the second year in succession by A. H. Waters (good work, Alf).

At the conclusion of the sports Mrs. Callaghan kindly distributed the prizes, and the committee take this opportunity of thanking her.

## EVENTS.

50 Yards Free Style Championship (Cup Event).—B. Lake, 1; A. H. Waters, 2; E. J. Snook, 3. Time, 30 2-5 sec.

50 Yards Free Style Handicap (Final).—D. Morgan, 1; R. Feuerheerdt, 2; J. Reddin, 3.

100 Yards Breaststroke Championship (Cup Event).—E. J. Snook, 1; W. T. Farmer, 2. Time, 1 min. 43 3-5 sec.

Neat Diving, Two Metre (B Division).—G. Williams, 1; D. Morgan, 2; D. Barlow, 3.

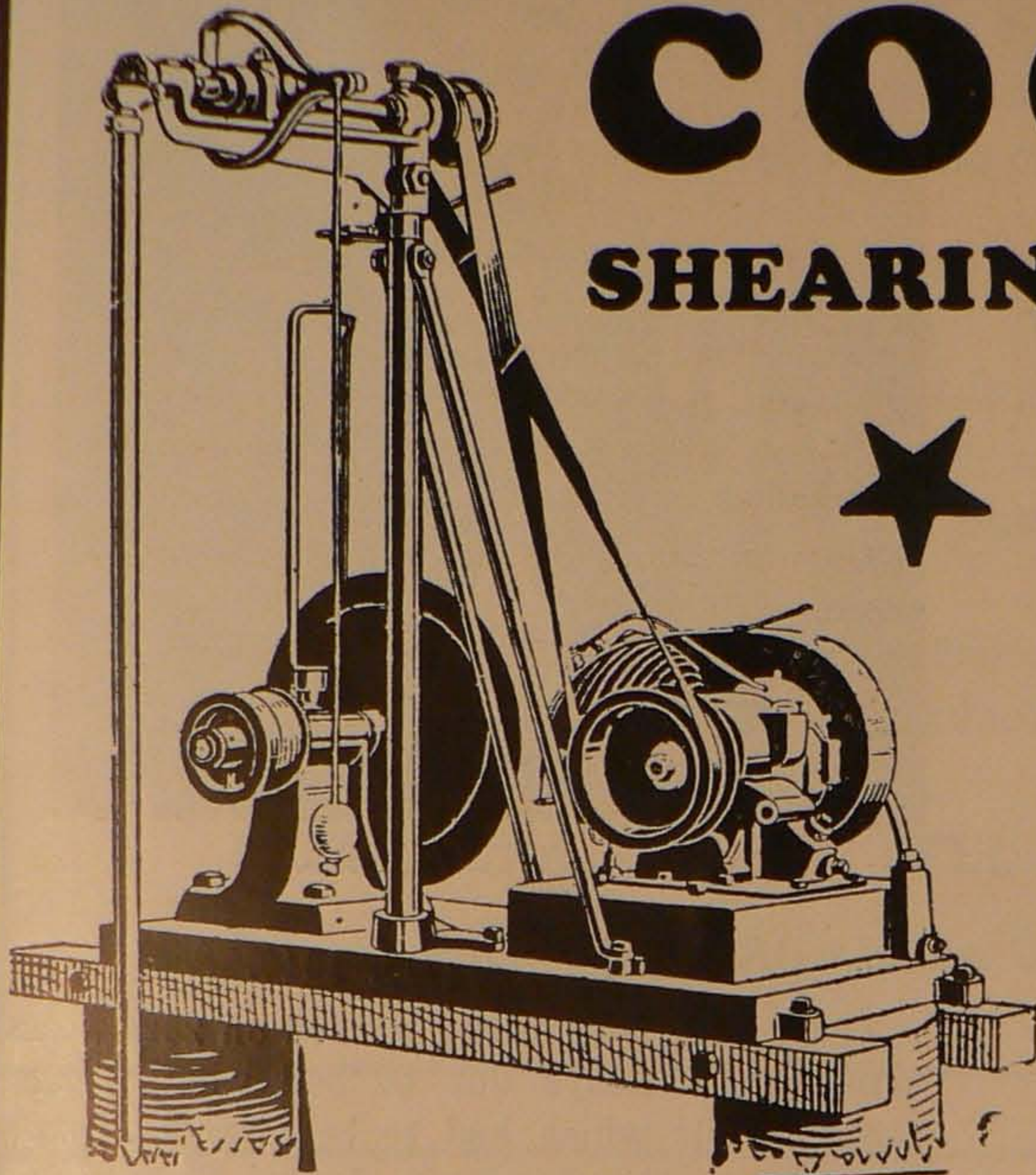
50 Yards Backstroke Championship (Cup Event).—A. H. Waters, 1; S. K. Reid, 2; B. Lake, 3. Time, 37 sec.

50 Yards Free Style Handicap (First Year).—J. R. Cornell, 1; R. F. Barritt, 2; N. F. Garrett, 3.

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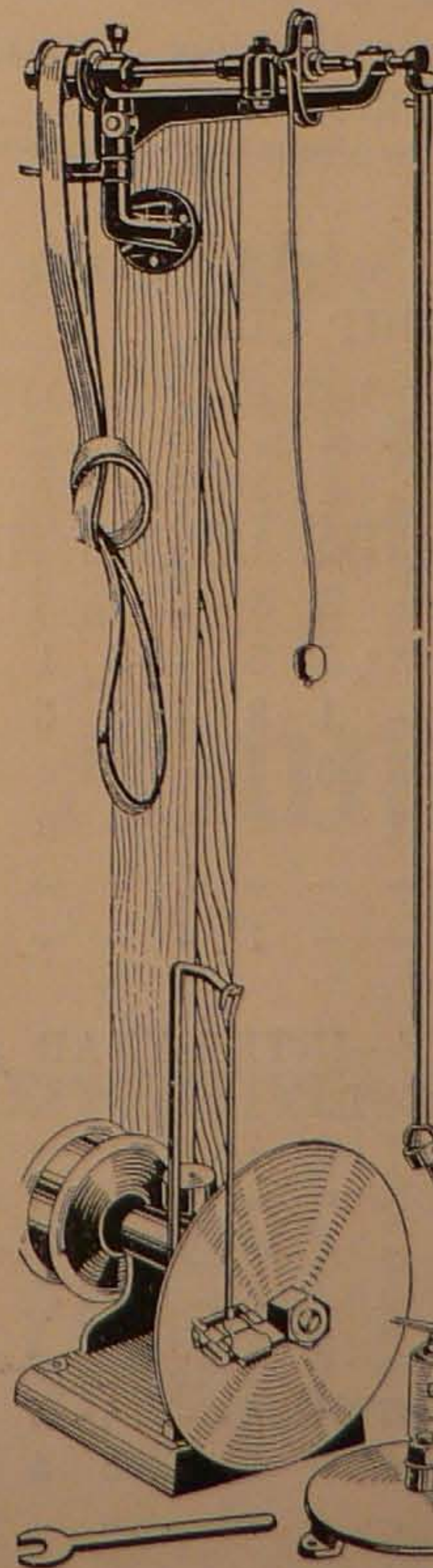
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50 Yards Free Style Handicap (Second Year).—D. Morgan, 1; G. Williams, 2; K. Pryor, 3.

50 Yards Free Style Handicap (Third Year).—P. Farkin, 1; B. Bidstrup, 2; J. Reddin, 3.

50 Yards Breaststroke Handicap (Final).—E. J. Snook, 1; R. Winser, 2; D. Morgan, 3.

100 Yards Free Style Championship (Cup Event).—A. H. Waters, 1; B. Lake, 2; S. K. Reid, 3. Time, 69 2-5 sec.

100 Yards Free Style Handicap.—D. Morgan, 1; N. F. Garrett, 2; P. A. Tod, 3.

50 Yards Free Style Handicap (Staff and Old Students).—Mr. Hay, 1; Mr. Thompson, 2; Mr. Jones, 3.

50 Yards Free Style Handicap (Oenology and Degree Students).—H. Martin, 1; P. Butler and P. Tummell, 2.

Neat Diving, A Division. (1) High Board, (2) Two Metre.—S. K. Reid, 1; E. J. Snook, 2; A. H. Waters, 3.

Under Water Swim.—G. Fry, 1; B. Lake, 2; N. Garrett, 3.

200 Yards Free Style Championship (Cup Event).—A. H. Waters, 1; S. K. Reid, 2; P. A. Tod, 3. Time, 6 min. 20 4-5 sec.

Rings (longest distance in given time).—N. F. Garrett, 1; D. W. Russell, 2.

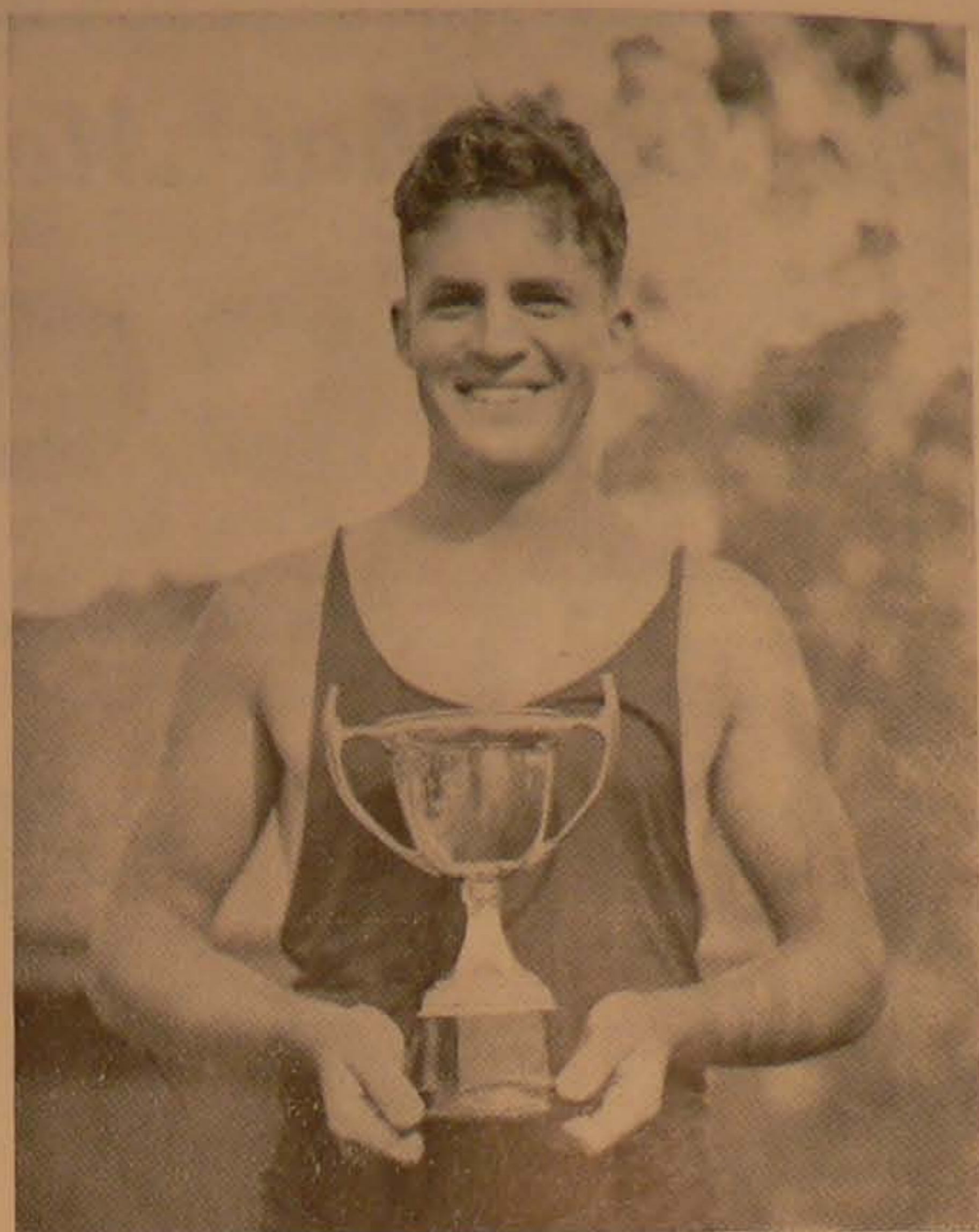
Inter-Year Relay Race.—Second Year, 1; First Year, 2.

### CHAMPIONSHIP CUP.

Competitors.	350 Yards F.S.	100 Yards F.S.	400 Yards F.S.	100 Yards Breaststroke.	50 Yards Backstroke.	Neat Diving.	Total.
A. H. Waters .....	5	5	5	5	1		19
S. K. Reid .....	—	1	3	—	3	5	12
B. Lake .....	5	3	—	—	1	—	9
E. J. Snook .....	—	1	—	5	—	3	9
W. T. Farmer .....	—	—	—	3	—	—	3
P. A. Tod .....	—	—	1	—	—	—	1

### COL. FULTON CUP—INTER-YEAR CONTEST.

Competitors.	Relay.	150 Yards F.S.	100 Yards F.S.	400 Yards F.S.	100 Yards Breaststroke.	50 Yards Backstroke.	Neat Diving.	Total.
First Year .....	3	5	4	4	—	4	5	25
Second Year .....	5	4	5	5	8	5	4	36
Third Year .....	—	—	—	—	—	—	—	—
Oenology .....	—	—	—	—	—	—	—	—



A. H. WATERS.

### GOLF NOTES, 1940.

The course was finally opened on 23rd June, after many delays due to bad weather and other details which had to be attended to on the course; but due to a large First Year these tasks were easily accomplished.

Dr. Callaghan drove the first ball for the day, which, unfortunately, landed on the main drive; amid cheers from the audience the Doctor's second ball finished on the course. This year we had a very good collection of golfers for the first day's play; the majority of these, however, were First Years, the other years being a little backward, although some interest was shown by them at various stages during the season.

The younger members of the staff "scooped the pool" at the commencement of the season; most of them are suspected of doing secret practices. The handicapper, however, put an end to their session of phenomenal wins. Another member of the staff, a "veteran" at the ancient game, the housemaster, was seen swinging his clubs about the course. However, despite his new set of steel shafted clubs and perseverance on the driver, this gentleman was not successful; no doubt his time was taken up in thinking of a means of serving up that delicious College dessert, consisting of a mixture of custard, jelly and apples.

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The course was relatively free of long grass this year, due to lack of early rains, but this caused the ground to become a little hard for the beginning of the season. The greens, however, kept on growing crops of troublesome weeds: these were at last controlled, and the course in general was quite good. During the August holidays a large flock of sheep was kept on the course and successfully controlled all weeds. Unfortunately the grass dried off towards the latter part of the season, and the championship rounds were played amid grass seeds and dust. The final round of this event was won by D. A. Barlow, with D. Harrison as runner-up.

In conclusion, I would like to thank the manager and the other members of the committee for their splendid co-operation. We were sorry to lose J. G. Rudall, one of our foremost golfers and a committeeman, who completed a special Diploma course, and has since joined the A.I.F.

M. J. KELLETT.

:o:

## ANNUAL ATHLETIC SPORTS.

The Annual Sports were held on Friday, 18th October this year. Originally they were to be held in the first session so that those who were leaving would be able to compete, and to prevent clashing with the shearing and silage making, but the interest in football seemed to overshadow everything else, and so they were postponed.

We were more fortunate than last year in that the oval has now recovered from the ploughing and rolling and carries an excellent covering of couch grass.

Although we had a fine day there were few spectators, no doubt due to petrol rationing, but there was a keen interest taken in the sports by most students, particularly the First Years, although the performances as a whole were not outstanding.

Murrie won the Champion Athlete's Cup, which was presented by Dr. Callaghan, and he is to be sincerely congratulated for his performance in the Pole Vault, when he broke the record by jumping 9 ft. 4 in. He was very closely followed by Snook, who also broke the previous record held by C. Slee. This was by far the most interesting and keenly contested event of the day.

The Annual Crosscountry Run was won by

Gransbury, who also made the fastest time over a course of approximately 3 miles.

The Inter-Year Shield was won by the First Year for the first time for ten years by the big margin of 40 points.

In conclusion, we would like to thank Mr. Jones, whose energy and enthusiasm were mainly responsible for the success of the sports.

## RESULTS.

Crosscountry Run.—Gransbury, 1; Snook, 2. Fastest time, Gransbury.

Hop, Step and Jump (Handicap).—Williams, 1; Brown, 2; Clucas, 3.

135 Yards Handicap (A).—Russell, 1; F. Feuerheerdt, 2; Butterfield, 3.

135 Yards Handicap (B).—Mackay, 1; Williams, 2; Yeo, 3.

Broad Jump (Cup Event).—Mertin, 1; Murrie, 2; R. Feuerheerdt, 3. Distance, 16 ft. 11 in.

Shot Putt (Handicap).—Shackley, 1; Russell, 2; Mackay, 3.

Shot Putt (Cup Event).—Arnold, 1; Snook, 2; Yeo, 3. Distance, 29 ft. 7 in.

220 Yards Handicap.—Russell, 1; Cowell, 2; Halloran, 3.

100 Yards Championship (Cup Event).—Walters, 1; Hooper, 2; Arnold, 3. Time, 11½ sec.

880 yards (Cup Event).—Monk, 1; Pearse, 2; Barlow, 3. Time, 2 min. 17 1-5 sec.

Broad Jump (Handicap).—R. Feuerheerdt, 1; Brown, 2; Butterfield, 3.

120 Yards Hurdles (Cup Event).—Kenny, 1; Monk, 2; Yeo, 3. Time, 19 2-5 sec.

Pole Vault (Cup Event).—Murrie, 1; Snook, 2; Stanford, 3. Height, 9 ft. 4 in. (Record).

220 Yards (Cup Event).—Walters, 1; Hooper, 2; Kenny, 3. Time, 25 sec.

880 Yards Handicap.—Halloran, 1; Butterfield, 2; Beaton, 3.

High Jump (Cup Event).—Murrie, 1; Kenny, 2; Lake, 3. Height, 5 ft. 3 in.

440 Yards (Cup Event).—Walters, 1; Arnold, 2; Russell, 3.

Sheaf Tossing (Cup Event).—Shackley, 1; Pallant, 2; Murrie, 3. Height, 35 ft.

Novelty Event (Teams' Race).—First Year, 1; Second Year, 2.

Novelty Event.—Hayman, 1; Seekamp, 2.

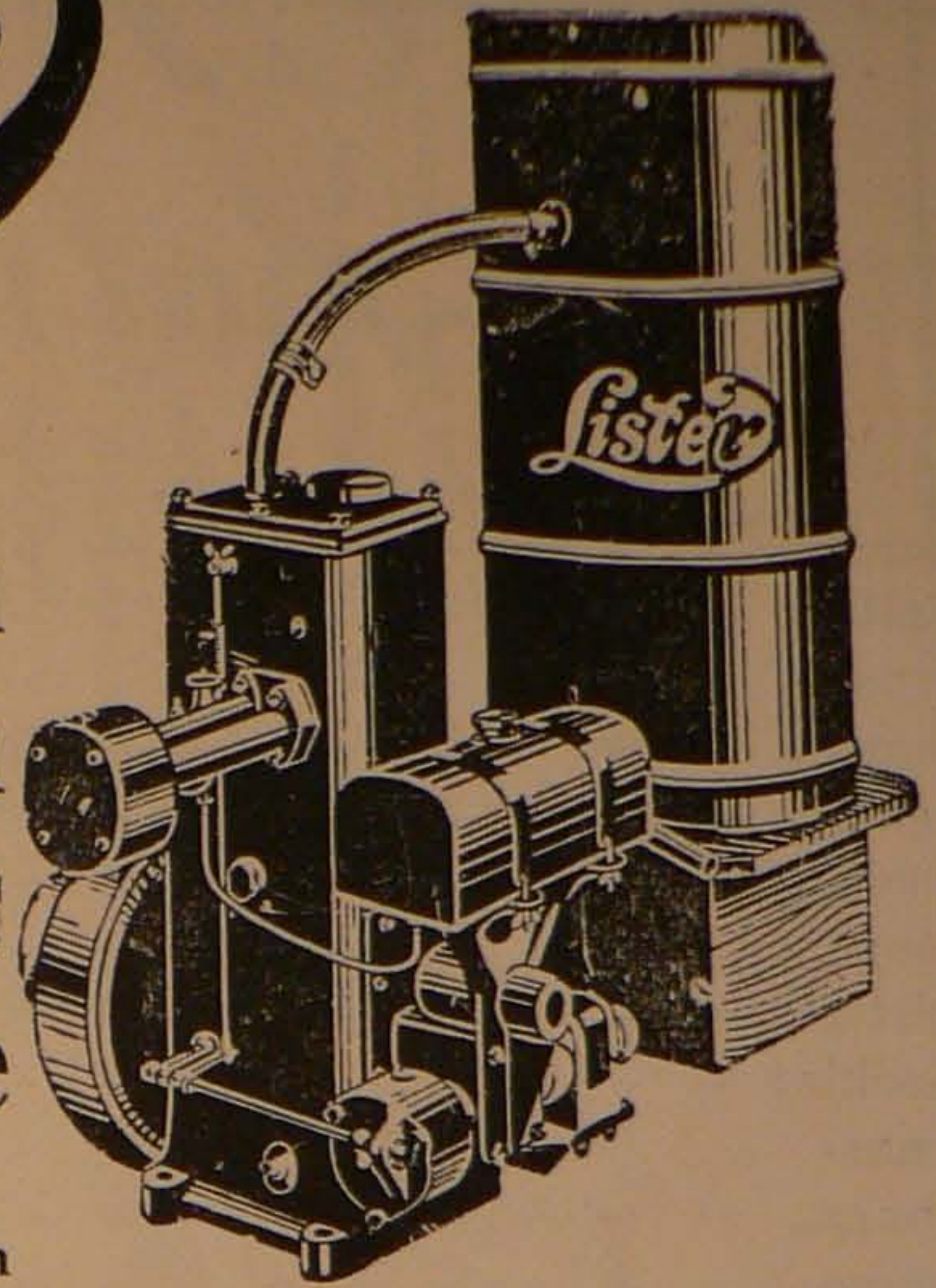
One Mile (Cup Event).—Gransbury, 1; Murrie, 2; Mackay, 3. Time, 5 min. 15 sec.

Inter-Year Relay Race.—Second Year, 1; First Year, 2.

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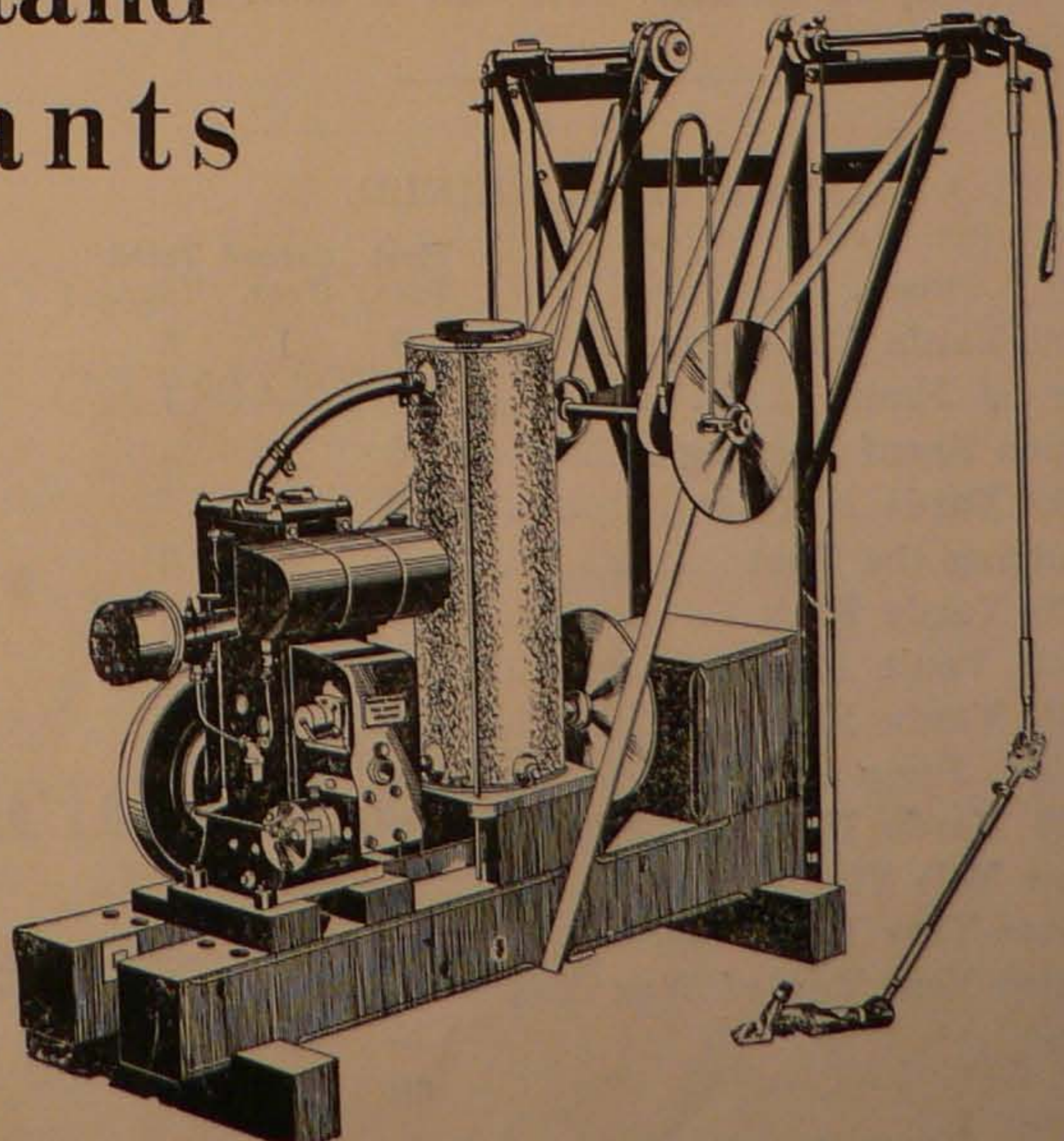
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POINTS FOR CHAMPIONSHIP CUP.

	100 Yards.	Broad Jump.	Sheaf Toss.	120 Yards Hurdles.	Putting the Shot.	220 Yards.	Pole Vault.	440 Yards.	High Jump.	880 Yards.	One Mile.	Totals.
Murrie ...	-	3	1	-	-	-	5	-	5	-	3	17
Walters	5	-	-	-	-	5	-	5	-	-	-	15
Arnold	1	-	-	-	5	-	-	3	-	-	-	9
Kenny ...	-	-	-	5	-	1	-	-	3	-	-	9
Monk ...	-	-	-	3	-	-	-	-	-	5	-	8
Snook ...	-	-	-	-	3	-	3	-	-	-	-	6
Hooper...	3	-	-	-	-	3	-	-	-	-	-	6
Mertin ...	-	5	-	-	-	-	-	-	-	-	-	5
Shackley	-	-	5	-	-	-	-	-	-	-	-	5
Grans-bury...	-	-	-	-	-	-	-	-	-	-	5	5
Pearse...	-	-	-	-	-	-	-	-	-	3	-	3
Yeo ...	-	-	-	1	1	-	-	-	-	-	-	2
Pallant...	-	-	3	-	-	-	-	-	-	-	-	3
Mackay	-	-	-	-	-	-	-	-	-	-	1	1
Stanford	-	-	-	-	-	-	1	-	-	-	-	1
R. Feuer-heerdt	-	1	-	-	-	-	-	-	-	-	-	1
Russell	-	-	-	-	-	-	1	-	-	-	-	1
Lake .....	-	-	-	-	-	-	-	1	-	-	-	1
Barlow...	-	-	-	-	-	-	-	-	1	-	-	1

Champion Athlete, 1940—D. I. Murrie.

:o:

INTER-YEAR SHIELD.

Event.	First Year.	Second Year.	Third Year.
100 Yards Championship .....	3	1	5
Broad Jump .....	3	-	1
Open Sheaf Tossing .....	6	3	-
120 Yards Hurdles .....	9	-	-
Putting the Shot .....	1	5	3
220 Yards Flat .....	4	-	5
Pole Vault .....	6	-	3
440 Yards Flat .....	-	4	5
High Jump .....	8	1	-
880 Yards Flat .....	8	1	-
One Mile Flat .....	9	-	-
Inter-Year Relay Race .....	3	5	1
Inter-Year Tug of War .....	3	1	5
	68	21	28

1940 Inter-Year Shield Winner—First Year.



The 1939-40 cricket season was a very interrupted one. First, the military camp, and then, later, another camp, and the vacation all combined to keep many of our best players away. There were only four matches played in which we were at full strength, and of these we won three.

After finishing the minor round we were so short of players that we had to forfeit the semi-finals. Up to this time we were second on the premiership list, having played nine matches. We lost the first three and won the next six, two of them outright.

Thus we feel that it was rather unfortunate that we could not follow up the previous season's success by again winning the premiership.

RESULTS.

COLLEGE v. SMITHFIELD.

Played at Smithfield. Lost by an innings and 50 runs.

College, first innings, 79 (Richardson, 25 not out; Barlow, 11); 2nd innings, 57 (Comley, 17; Kellett, 13).

Smithfield, first innings, 6 for 186 dec. (J. Goldney, 1 for 41; Hilton, 2 for 31; Comley, 2 for 46).

COLLEGE v. LYNDOK.

Played at Lyndoch. Lost on first innings by 118 runs.

College, first innings, 124 (J. Goldney, 45; Mr. Williams, 22; Day, 18).

Lyndoch, first innings, 6 for 242 (Mr. Hickinbotham, 1 for 24; Mr. Williams, 1 for 17; Comley, 1 for 41; Hilton, 1 for 40).



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### COLLEGE v. CENTRALS.

Played at Gawler. Lost by 55 runs on first innings.

College, first innings, 61 (J. Goldney, 14).  
Centrals, first innings, 116 (Comley, 6 for 28; J. Goldney, 2 for 28).

### COLLEGE v. SANDY CREEK.

Played at Sandy Creek. Won outright by 1 wicket.

College, first innings, 79 (Nourse, 44; Day, 17); second innings, 9 for 116 (Searson, 39 not out; Ingoldby, 20; Nourse, 18).

Sandy Creek, first innings, 70 (Brown, 3 for 11; Feuerheerdt, 3 for 25; Comley, 3 for 8); second innings, 119 (Brown, 4 for 43; J. Goldney, 1 for 19; Nourse, 1 for 21; Comley, 4 for 17).

### COLLEGE v. RAILWAYS.

Played at Gawler. Won on first innings by 3 runs.

College, first innings, 193 (Nourse, 72; Reddin, 48; Ryan, 40).

Railways, first innings, 190 (Brown, 3 for 31; Comley, 5 for 89; M. Goldney, 2 for 10).

### COLLEGE v. SMITHFIELD.

Played at College. Won on first innings by 1 wicket and 33 runs.

Smithfield, first innings, 161 (Comley, 2 for 25; Rudall, 3 for 74).

College, first innings, 9 for 194 (Ryan, 97; Comley, 45 not out).

### COLLEGE v. RAILWAYS.

Played at College. Won on first innings by 137 runs.

College, first innings, 313 (Ryan, 92; Brown, 58; Nourse, 61; Comley, 35; J. Goldney, 26 not out).

Railways, first innings, 176 (Rudall, 4 for 58; Nourse, 3 for 23).

### COLLEGE v. SANDY CREEK.

Played at College. Won outright by 7 wickets.

Sandy Creek, first innings, 110 (Rudall, 5 for 38; Comley, 2 for 32); second innings, 72 (Day, 4 for 25; Comley, 4 for 23).

College, first innings, 122 (Comley, 26; Rudall, 18; J. Goldney, 18); second innings, 3 for 60 (J. Goldney, 48 not out).

### COLLEGE v. LYNDOCH.

Played at College. Won by 3 wickets, with most of our regular team in camp.

Lyndoch, first innings, 183 (J. Goldney, 3 for 20; Alan Hickinbotham, 2 for 42; Prance, 1 for 21; Mr. Hickinbotham, 1 for 20).

College, first innings, 7 for 187 (Searson, 80; Mr. Hickinbotham, 54 not out; Alan Hickinbotham, 23 not out).

### BATTING AVERAGES.

	Inn.	N.O.	H.S.	Runs.	Avg.
Ryan .....	4	—	97	229	57.3
Nourse .....	6	1	72	203	40.6
Goldney, J. ...	13	3	48*	183	18.3
Comley .....	11	2	45*	159	17.3
Brown .....	7	—	58	117	16.6
Searson .....	13	2	80	161	14.7
Day .....	8	—	18	78	9.7

\* Indicates not out.

### BOWLING AVERAGES.

	Runs.	Wickets.	Avg.
Comley .....	293	30	9.7
Rudall .....	171	12	14.2
Brown .....	132	11	12.0
Nourse .....	83	6	13.9
Goldney, J. ....	334	8	41.7
Feuerheerdt .....	101	5	20.2

H. DAY, Hon. Secretary.

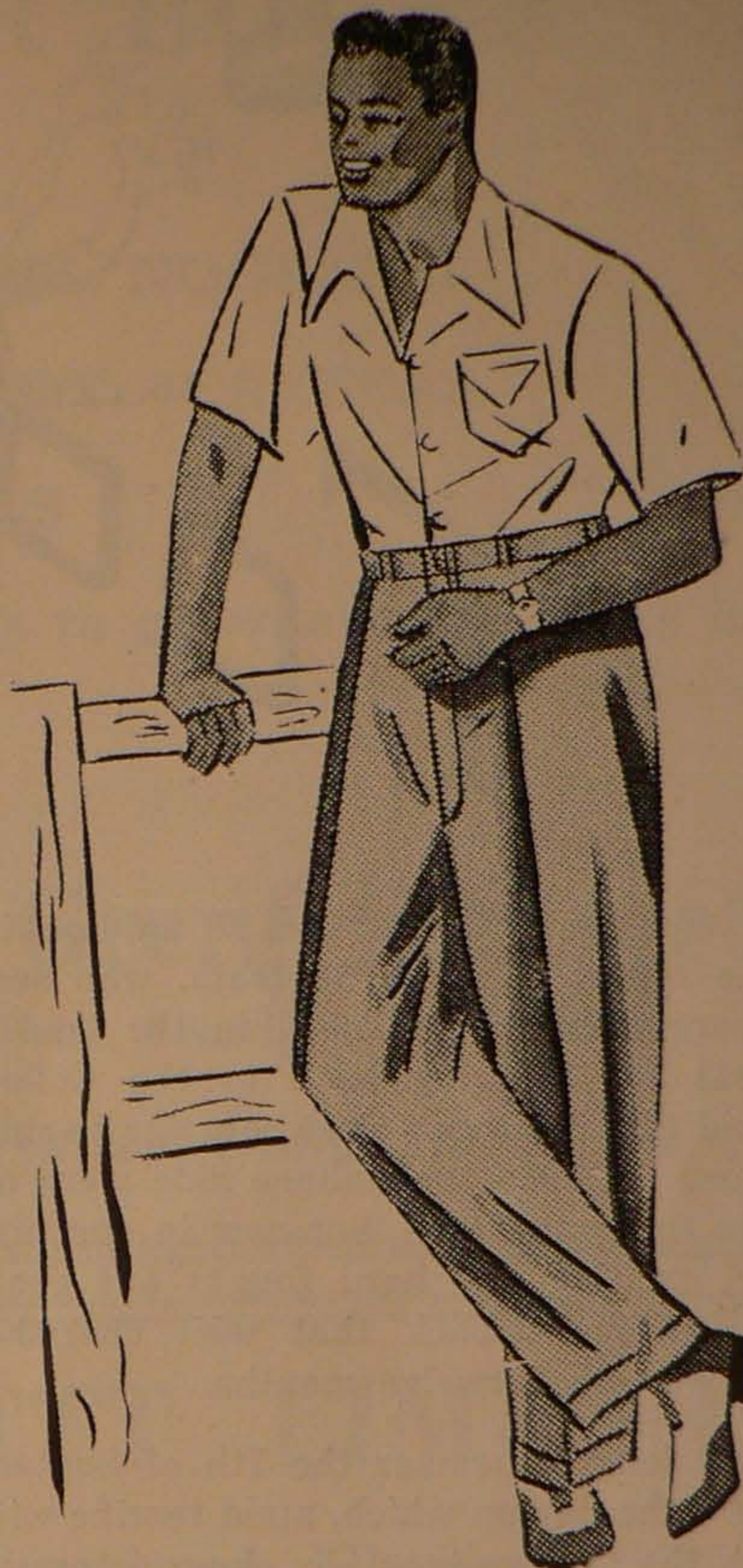
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### Exchanges

We wish to acknowledge, with thanks, the receipt of the following School Magazines:—  
The Hawkesbury Agricultural College Journal, The Dookie Collegian, The Longerenong Collegian, The Muresk College Magazine, Gatton College Magazine, Prince Alfred Chronicle, Scotch College Magazine, Adelaide High School Magazine, Adelaide Teachers' College Magazine, The Brown and Gold, Concordia, "The Echo" (Immanuel College), Paringa Hall Collegian, Unley High School Magazine, The Queen's College Magazine, "On Dit" (Adelaide University), and Kadina Memorial High School.

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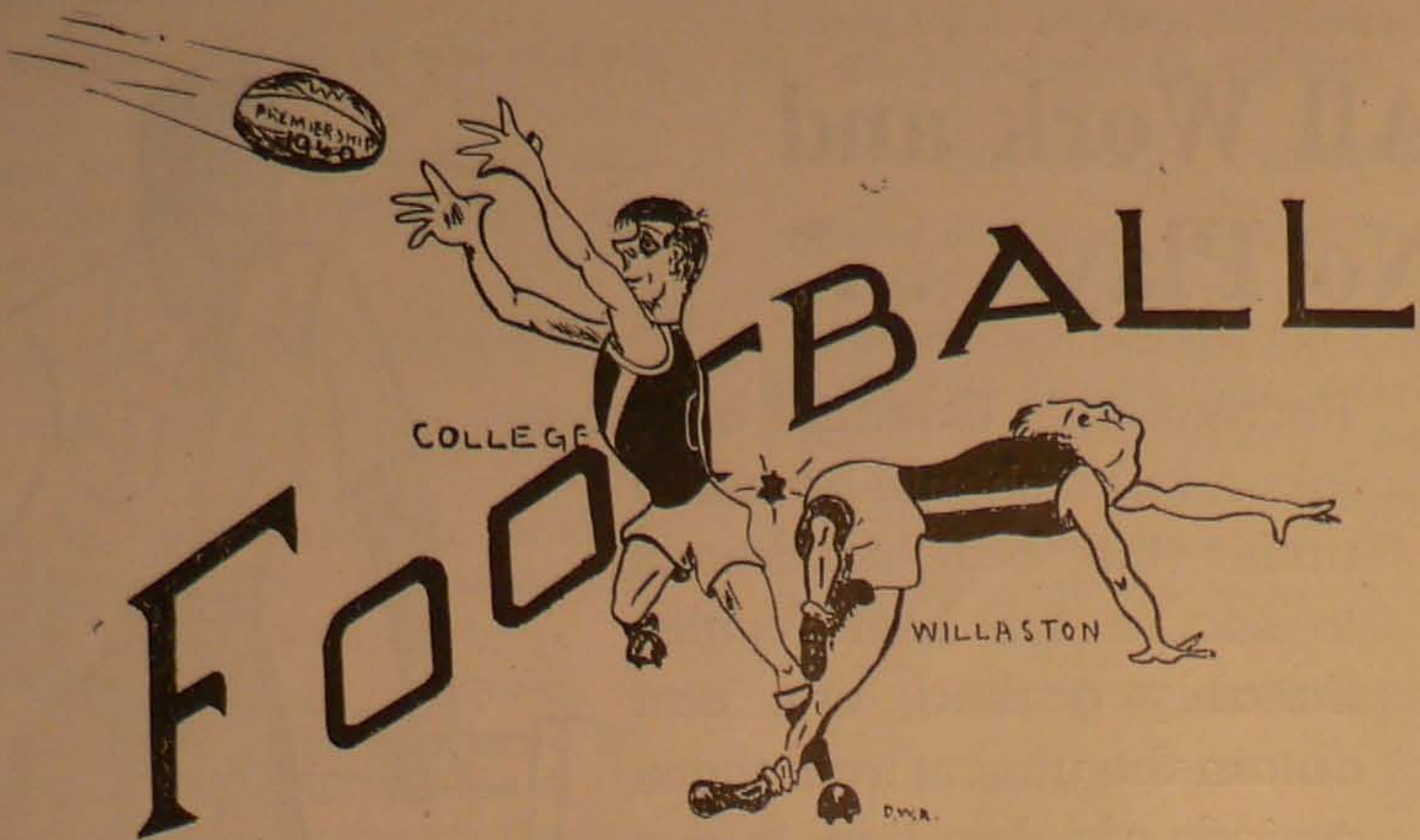
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As I commence these notes I am looking over the report of the 1938 team, who seem to be permanently established in the land of the great for bringing back to the College the shield that had been elsewhere for twenty-five years. In 1939 the College side were defeated in the grand final, but now in our turn, after an exciting and hard fought out grand final, we brought back that well cherished shield for another twelve months.

We will long remember the 7th of September, 1940—the day on which, amid terrific wind and dust, the College team, by sheer determination to win, succeeded in defeating Willaston. I would like to mention now what a very fine spirit existed among the team this year. All players showed splendid keenness at practice, and displayed to the full their “will to win” under all circumstances. I think that I might be safe in saying that in some of our more fought-out engagements this spirit that expressed the “will to win” carried us further, or, at least, equally as far as our ability.

I come now to the easiest and most pleasant portion of these notes—to sincerely thank on behalf of all members of the team and all our supporters our well-loved coach, Jack Osborne. Brimful of enthusiasm, possessed of remarkable “football sense,” apparently tireless and ever willing to help others, Jack has carefully nursed us through the season, and from raw recruits finally transformed us into the well working team which won the premiership. No words of

mine can express the thanks that we all owe to Jack Osborne, but we assure you, Jack, that those of us who pass on from the College and from this year’s team, will carry your spirit of good fellowship with us, and we will always remember you as a very gifted coach and a very great friend.

This leads me on to thank for all the team our popular captain, John Arnold, who, throughout the season has set us all a fine example of determined play to follow. John has proved a tower of strength in many positions this year, and, although frequently transferred from his position of centre to quieten some troublesome opponent, has invariably “done the job” most effectively. He has been the right captain for a very happy team, and he carries all our congratulations for winning a cup presented by the coach for consistently good play during the season.

Dave Yeo is to be most heartily congratulated on being runner-up for this season’s “Mail” Medal. His very fair and brilliant play made him outstanding in the back lines, and gained for him the Kellett Cup. Tim Dunstan, another newcomer, displayed, at times, some splendid football, and is to be congratulated on winning the cup for the best player of the College team in the grand final. Mr. Goldney as goalsneak, and Mr. Nourse in the forward pocket were the mainstays of the forward line, and proved a match-winning combination. Syd Reid’s cool headed, fearless game on the wing won for him the admiration of all of us, and incidentally our con-

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gratulations on winning a cup presented by the coach, Jack Osborne, for his consistently good and systematic football throughout the season. Mr. Roe, Dave Murrie, John Searson, and Rex Butterfield proved capable and hard-working rucks, who usually gave us the advantage in the crushes. Laurie Pym played fast, clever football on the wing, and we thank him very much for coming back to help us win the premiership.

Before concluding I wish to thank Mr. Gilbert, our energetic manager, and our house-master, Mr. Goulter, for helping us in every way possible during the season, and returning to the game for some of the later matches and playing meritorious football in his old

position as goal-keeper. Finally, we thank everybody who has assisted the team during this well to be remembered year, and once again Jack Osborne for his fine services, and for the trophies he presented.

#### RESULTS OF MATCHES.

May 4th.—Willaston, 10—11, d. College, 9—9. Best players.—Yeo, Dunstan, Reid, Arnold, Beaton.

May 25th.—College, 7—9, d. South, 4—7. Best players.—Yeo, Arnold, Dunstan, Pym, Roe.

June 1st.—College, 18—13, d. Central, 8—7. Best players.—Dunstan, Yeo, Arnold, Murrie, Nourse.



COLLEGE FOOTBALL TEAM, 1940.

#### PREMIERS, GAWLER FOOTBALL ASSOCIATION.

Back: M. J. McKay, M. J. Beaton.

Third: D. H. Yeo, J. W. Goldney, Mr. J. W. Goulter, Mr. G. P. Roe, R. P. Day, J. V. Mertin.

Second: Principal (Dr. A. R. Callaghan), C. R. Alcock, R. M. Butterfield, D. W. Russell, D. I. Murrie, T. E. Dunstan, Coach (Mr. J. Osborne).

Front: H. R. Day, S. K. Reid, J. A. Searson, J. M. Arnold (Captain), A. E. Britten-Jones (Vice-Captain), Mr. H. C. Nourse, Mr. M. Goldney.

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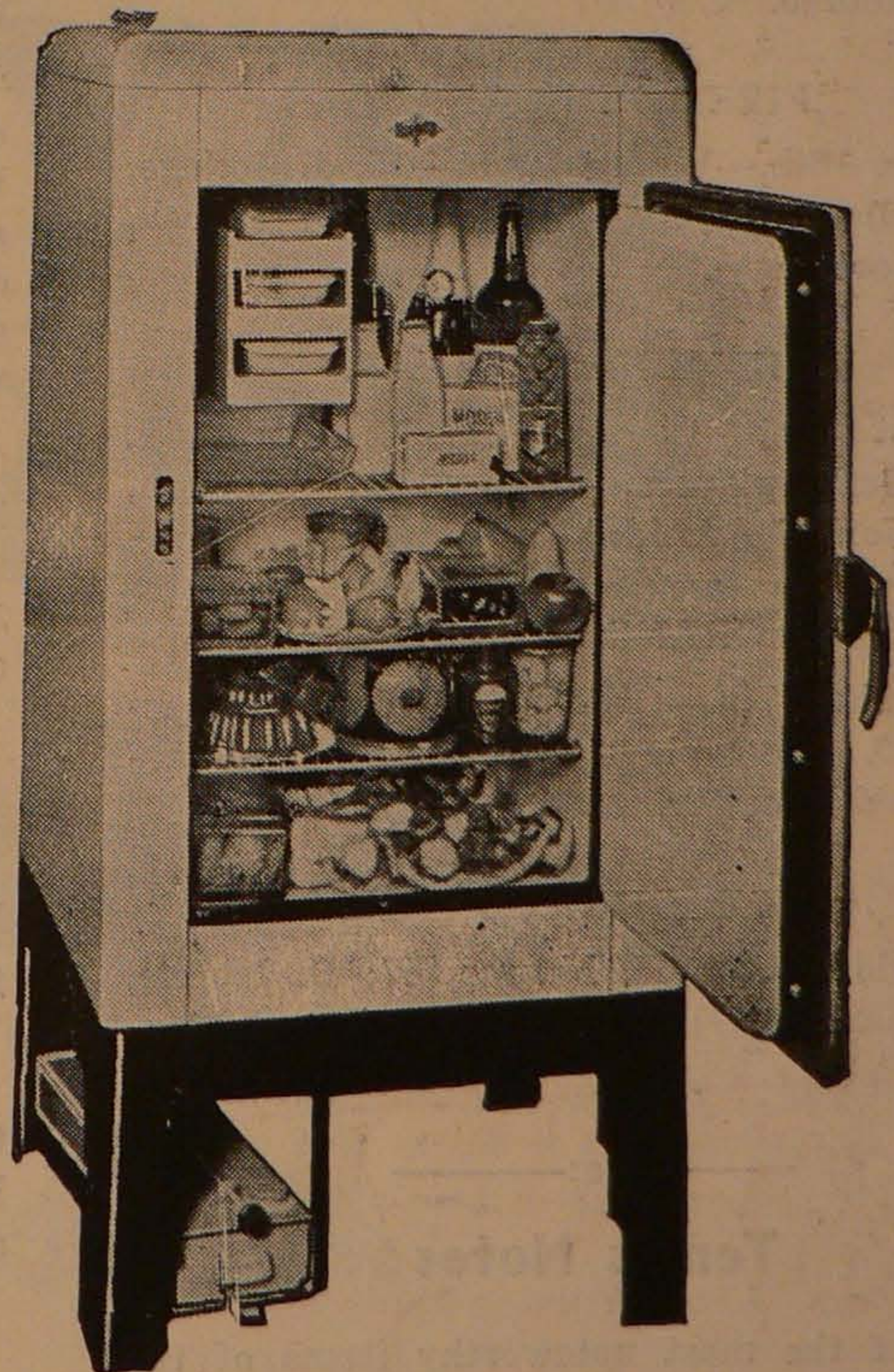
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June 15th.—College, 11—4, d. Willaston, 7—11. Best players.—Arnold, Reid, Pym, Dunstan, Yeo.

June 22nd.—College, 14—17, d. South, 8—7. Best players.—Yeo, Nourse, Arnold, Britten-Jones, Reid.

June 29th.—Central, 15—14, d. College, 14—13. Best players.—Goldney, Arnold, Yeo, Alcock.

July 6th.—Willaston, 14—13, d. College, 9—10. Best players.—Yeo, Reid, Arnold, H. Day.

July 13th.—South, 11—9, d. College, 8—5. Best players.—Yeo, Arnold, Dunstan, McKay, Roe.

July 20th.—College, 26—12, d. Central, 2—4. Best players.—Yeo, Goldney, Reid, Britten-Jones, Nourse.

#### FIRST SEMI-FINAL.

August 10th.—Willaston, 11—15, d. College, 8—5. Best players.—Murrie, Reid, Alcock, Yeo, Arnold.

#### PRELIMINARY FINAL.

August 31st.—College, 24—26, d. South, 6—4. Best players.—Reid, Yeo, Dunstan, Britten-Jones, Arnold.

#### GRAND FINAL.

September 7th.—College, 6—10, d. Willaston, 3—9. Best players.—Dunstan, Yeo, Arnold, Reid, Goulter.

#### LIST OF LEADING GOALKICKERS.

M. Goldney, 49; H. Nourse, 47; D. Murrie, 14; J. Merton, 11; T. Dunstan, 9; A. Britten-Jones, 9.

A.E.B.-J.

:o:

### Tennis Notes

One of the most noteworthy items of the season was the retaining of the Inter-Collegiate Tennis Shield; the reason being solely due to the fact that the usual annual contests were not held, owing to international disturbances. Therefore, we cannot take the credit of still holding the shield, but had the matches been conducted the team had every confidence of repeating last year's performance.

At the commencement of the season great enthusiasm was shown in this sport, with the

result that the secretary was continually harassed in maintaining the ball supply. At this stage it was our first task to select a team to represent the College in the Inter-Collegiate matches to be held at Hawkesbury, so a series of tournaments were played to aid our selection. After keenly practising we were informed that the trip had been cancelled.

The Inter-Year matches and annual tournaments could not be arranged on account of the greater portion of the Third Year students completing their College course early, and because the final examinations for all years are to be held before Christmas.

A tennis match was held at Sacred Heart College, on their courts, on 27th October. The results of the match were as follows:—

Mr. Goulter and G. Williams lost to P. Henderson and K. Dundon, 11—9, 5—7, 10—8. R. Heath and Mr. Copson defeated E. Dundon and B. Gray, 3—6, 6—0, 6—4. E. Halloran and W. Martin defeated J. McGorm and I. Cameron, 6—2, 6—2.

Singles: R. Heath defeated P. Henderson, 9—3. G. Williams defeated E. Dundon, 9—3. Mr. Goulter lost to K. Dundon, 9—8. W. Martin lost to B. Gray, 9—7. E. Halloran lost to J. McGorm, 9—8. Mr. Copson defeated I. Cameron, 9—4.

#### Results.

	Rubbers.	Sets.	Games.
Roseworthy College .....	5	8	101
Sacred Heart College ...	4	6	77

In conclusion, we would like to express our thanks to our manager, Mr. Thompson, who has shown great interest in all our tennis activities and helped us whenever possible.

L. G. WILLIAMS.

:o:

#### IMPRESSIONS.

“What is whiskers to the eye of youth fades into fluff before the disillusioned eye of age.”—Stephen Leycock.

And yet, so far as we know, Mr. Leycock was never in the corridor.

GUESS WHO.



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Vice-President: Mr. K. A. Pike.

Committee: Dr. A. R. Callaghan, Messrs. F. T. Cooper, R. Hill, J. D. McAuliffe,  
D. H. S. Mellor, H. E. Orchard.

Secretary and Treasurer: Mr. R. Hewett Jones.

Auditor: Mr. H. C. Pritchard, A.F.I.A.

## BRANCH COMMITTEES.

### South-Eastern (Naracoorte).

President: Mr. N. L. Jude.

Secretary and Treasurer: Mr. J. H. Newland.

Committee: Messrs. W. C. Johnston, A. C. Grieve, and J. T. Hayward.

### Eyre Peninsula (Cummins).

President: Mr. C. K. Ritchie.

Secretary and Treasurer: Mr. H. C. Gibbs.

Committee: Messrs. R. Baker, W. R. Richardson, and B. Ritchie.

### Upper Murray (Berri and Renmark).

President: Mr. N. S. Fotheringham.

Secretary and Treasurer: Vacant.

Committee: Messrs. T. C. Angove, and N. Burge.

Messrs. Cotton and Hackett have enlisted, leaving two vacancies on this Committee.

### Western Australian Branch.

Secretary and Treasurer: Mr. S. A. Rudduck.

---

## Obituary.

It is with deep regret that we record the death of the following Old Students:—

H. A. Follett, 1911-14.

Mr. Follett was Gold Medallist for 1914, when he gained his Diploma with First Class Honours. After seeing service in 1914-18, he was farming at Langhorne's Creek, S.A., until he joined the South Australian Department of Agriculture as Adviser for the Murray swamp areas. He held this post with considerable success until his death after a short illness.

H. K. Pinkerton, 1934-8.

Mr. Pinkerton gained his Diploma in 1938. Leaving the College to gain further experience, he was engaged on several farming and pastoral properties, both in the Adelaide Hills and the South-East, before his death in April of this year.

W. G. Treloar, 1884-6.

Mr. Treloar, one of the first students at the College, farmed at Mannahill and at Truro. He was Clerk of the Truro Council for the last 30 years. His decease early this year followed shortly on his retirement to Sefton Park.

W. Wheaton, 1892-4.

Mr. Wheaton was a relative of Mr. R. Wheaton, of MacGillivray, Kangaroo Island, who advises that his cousin passed away in N.S.W. in December, 1939.

To the relatives and friends of these Old Students we offer our sympathy for the loss they have sustained.



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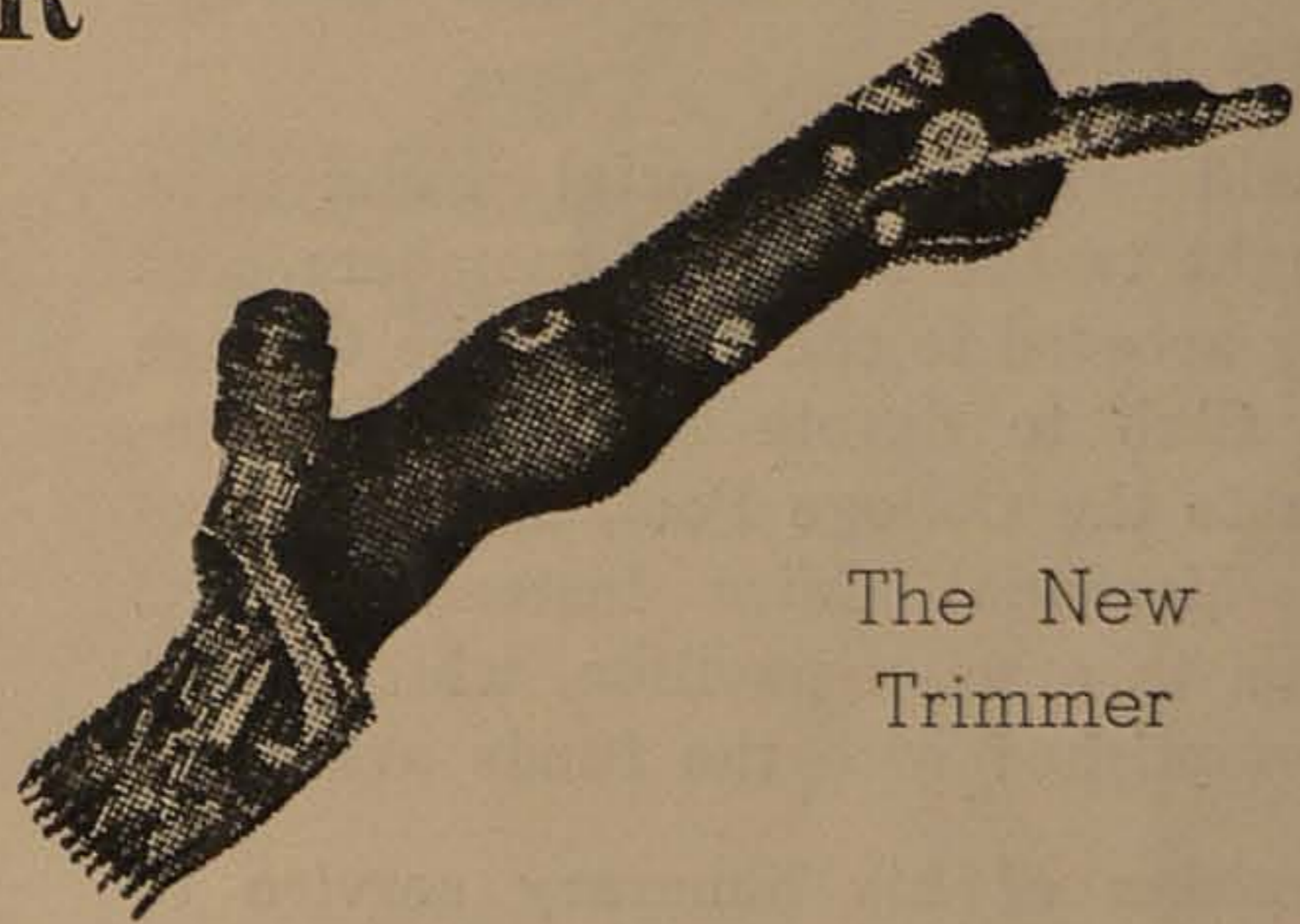
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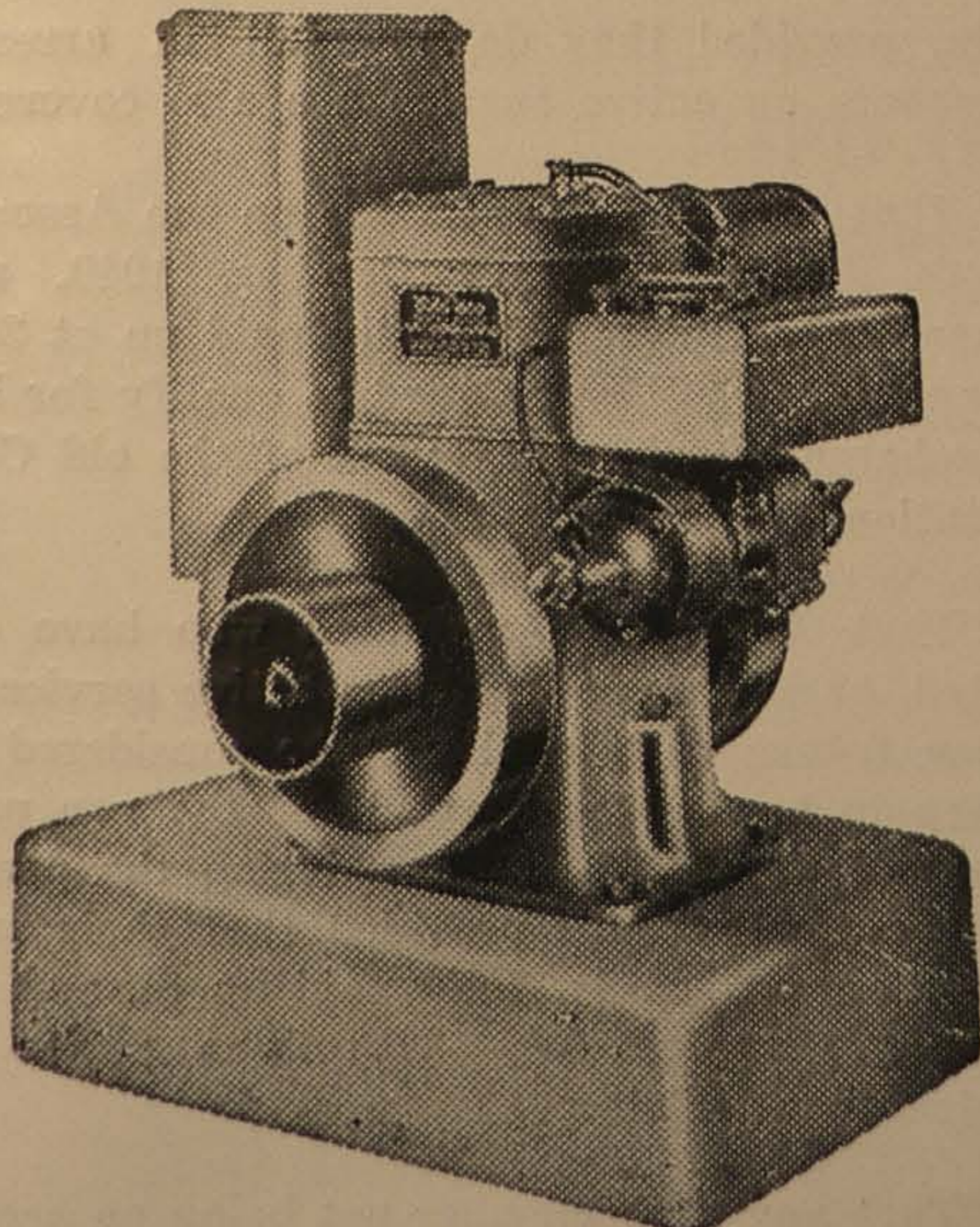
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## ASSOCIATION ACTIVITIES.

### ANNUAL GENERAL MEETING.

The Annual General Meeting was held at the Hotel Richmond, Rundle Street, Adelaide, at 7.30 p.m. on Saturday, 19th October, 1940. Approximately 40 members were present at the meeting, at which Mr. Rowland Hill presided. For the information of those members who were unable to attend, the following is a summary of the business transacted:—

The President's Report and Financial Statement were adopted, and the minutes of the previous meeting confirmed.

In accordance with the policy of improving the financial position in relation to life membership, this meeting approved the transfer of £15 from the General to the Life Membership Reserve Fund.

The David Fulton Memorial Fund was again brought to the notice of members, and the meeting acceded to the wish of the College Swimming Club to devote this fund to improvements to the College Pool, and the erection of a Memorial Cairn instead of the original plan to erect a pavilion, which could not be accomplished with the funds available.

In recognition of his honorary service to the Association over a period of years as Auditor, Mr. H. C. Pritchard was unanimously elected an Honorary Member of the Association.

The Association Constitution was given consideration, and the amendments as recommended by the Committee were adopted in their entirety. Briefly these corrected several weaknesses in regard to office bearers and meetings, and provided for the formation of Branches of the Association, to conform to the present organisation.

Alterations of immediate concern to members were made in connection with annual subscriptions, life membership qualification, and the Life Membership Reserve Fund.

The Life Membership Reserve Fund was first opened in 1927, when it was realised that the funds of the Association were insufficient to cover the expenditure in connection with life members. It was resolved to build this fund up to the equivalent of that paid by life members, this sum to be held as capital on fixed deposit. Only the interest on this

fund is used for the ordinary purposes of the Association. The weakness of the Life Membership Reserve in 1927 was due largely to the system of allowing annual members to qualify for life membership without due regard being paid to the appropriation of sufficient moneys annually to maintain a Life Membership Capital Fund in proportion to the number of life members.

Some progress has been made in correcting this deficiency, but your Committee, after thorough analysis of the position, came to the conclusion that, with the increased membership of recent years, this position would continue unless practically the whole of the annual subscription of each potential life member were appropriated each year. It was finally decided to recommend that the system of allowing annual members to qualify for life membership on the completion of 20 years' active financial membership, should be abolished.

These amendments to the Constitution were adopted by the meeting, so that future members will be required to pay the life membership fee in full at the time of application for life membership irrespective of the number of years during which they may have been annual members. Annual members of the Association who were members at the time of the adoption of these amendments are covered by the following resolution. This enables them to carry on and qualify for life membership, provided they do not fall in arrears. Members on active service are also covered.

"That all members who are on the Association's Register at 19th October, 1940, and whose subscriptions are fully paid up at 30th June, 1941, shall be entitled to qualify for life membership under the terms of the old Constitution.

"That Association members who have enlisted, or who may enlist for active service at some future date, shall not be considered as being in arrears as a result of the non payment of their subscriptions during the period of their enlistment, provided that their subscription was, or is, fully paid up to, and including, the 1st July—30th June period in which they enlisted.

"That any such member not being on active service, whose subscription may fall in arrears



## MEMBERSHIP.

for 12 months, shall forfeit the right to qualify for life membership, and will be required to apply for life membership under the terms of the amended Constitution by the payment of the life membership fee in full."

A vote of thanks to Mr. D. Menzies for his assistance with the amendments to the Constitution was passed.

The full Constitution will be printed in these pages in the next issue, when the amendments have been confirmed at the next General Meeting.

Messrs. L. J. Cook and K. A. Pike were elected President and Vice-President respectively. Mr. Rowland Hill was asked to continue again as a Committeeman, so that the Association might not lose his valued guidance. It was suggested that this principle might be incorporated in the Rules, that the retiring President should continue on the Committee for a further twelve months. This would be a valuable aid in ensuring a continuity of policy. The Committee personnel otherwise remained as before. The meeting concluded with a vote of thanks to the retiring President.

## PRESIDENTIAL ADDRESS, 1939-40.

It is my honour and pleasure to present the Presidential Address for the year ending 30th June, 1940.

Following many years as a member of the Committee, my selection as your President for two successive years has indeed been an appreciated reward for any effort on my part to assist the Association.

May I take this opportunity to sincerely thank members of your Committee for their help in guiding the Association's interests during the past year.

Special reference should be made to the untiring efforts of your Honorary Secretary,

Mr. R. Hewett Jones, who has executed his duties with precision and introduced an index card system which has brought the Association records up to date. We are indeed fortunate in having an old Collegian who has given so much of his time gratis and willingly in the interest of the Association.

Mr. H. C. Pritchard, who was for so long associated with the College, has occupied the position of Auditor for many years, and your Committee has recommended that he be appointed an honorary member of the Association in appreciation of his services.

During the year life membership has increased from 117 to 118. Annual membership has increased by 15 new members, bringing the total on the books to 183, or a total of 301 on the Register. Of the annual members, 124 were financial at 30th June, and a further 15 have already paid their arrears, leaving 44 members still in arrear for 1939-40.

The year 1940-41 has opened very well, with 96 members already paid up, and many of the balance have enlisted. It is pointed out that the bulk of new members is of the younger generation, and more support is hoped for from the older old boys, who should all be in a position to send along their subscriptions and help the Association along with their active support at social gatherings. Perhaps the older members present could induce their contemporaries to come along to our next gathering and join or rejoin the Association.

## FINANCES.

Later at this meeting the financial statements will be submitted for your adoption. The year's operations show that there is a balance of £20/12/6, being the excess of income over expenditure. When the £8/5/ of arrears of subscriptions collected during the year is taken into account, and the 1939 deficit of £1/10/ on the General Fund is deducted, there is a nett balance of £27/7/3 for 1939-40. It is further pointed out that the life membership capital has increased by £5/15/4, being qualifying fees paid by members during the year.

Of the £27/7/3 mentioned as the nett balance, £5/1/6 is interest on the Life Membership Fund, and is already held in that account, and it need not be drawn for the ordinary purposes of the Association. It will be proposed later at this meeting that £15 of the General Fund balance be paid to the Life Membership Reserve Fund.

If this is done the Life Membership Fund will then stand at £211/3/, representing an increase of £25/16/10 for the 12 months, with the addition of only one new life member. This is a satisfactory advance towards the stability of this fund, and if this can be continued the position in regard to life members should be in a sound state financially within the next ten years. It is pointed out that

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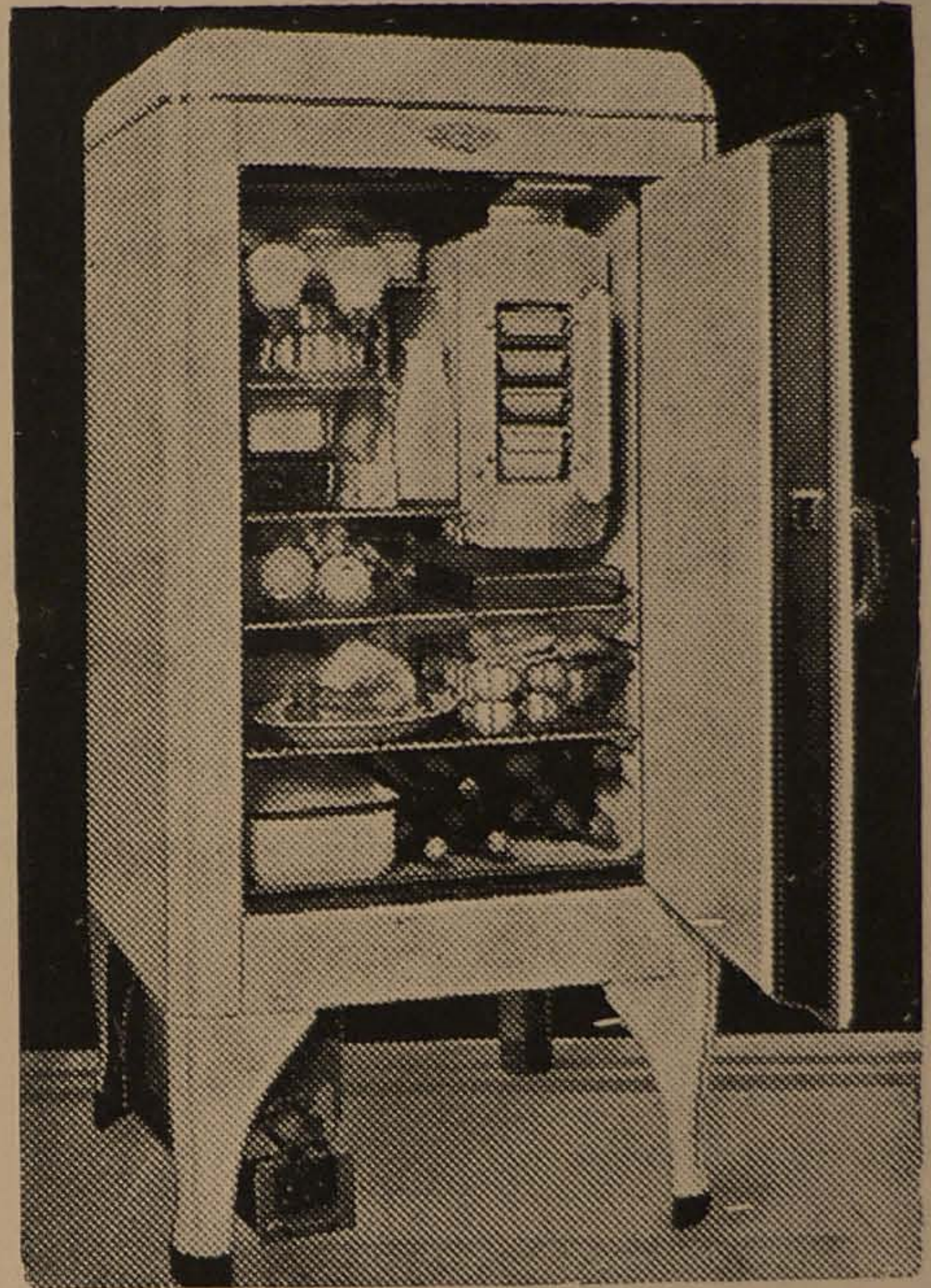
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during the present year by any of the other Branches. The difficulty of arranging these gatherings during the present times of petrol restriction is realised. It is hoped that these Branches will not entirely cease their activities, and I suggest that perhaps a social on the lines of the re-union which is arranged for this evening, might be arranged occasionally, perhaps on a biennial basis for patriotic purposes.

#### FULTON MEMORIAL PAVILION FUND.

Since the last General Meeting the College has approached the Association regarding this fund. It has been found that the money available is insufficient to erect a pavilion as previously envisaged. It is now suggested that this fund be devoted to general improvements at the College Pool, and that the purpose of the fund be served by the erection of

a Memorial Cairn. Col. D. Fulton has signified his approval of the scheme, and the matter will be put to this meeting for your approval.

#### CONSTITUTION.

The Committee has found several weaknesses in the present Constitution, and has submitted its suggestions for amending same. Legal opinion of the amendments has been obtained, and in this connection our thanks are due to Mr. Menzies, who is an Associate Member of the Association. All members have been advised of the proposed alterations by circular, and it is hoped that these can be approved with a minimum of delay. Members who have any suggestions or amendments to the proposals are asked to have their amendments clearly formulated as each amendment is dealt with. There is a considerable amount

#### BALANCE SHEET as at the 30th June, 1940.

LIABILITIES.				ASSETS.					
	£	s.	d.	£	s.	d.	£	s.	d.
Life Membership Reserve Fund .. .. .				185	6	2			
Nett Balance of Income at 30th June, 1940—									
General A/c Balance .. .. .	22	5	9						
Life Membership Reserve Fund Int. ..	5	1	6						
				27	7	3			
Life Memb. Qualifying Fees .. .. .				5	15	4			
Advance Subscriptions—									
Received to 30th June, 1939 .. .. .	25	19	9						
Less transferred to 1939-40 Current Subscriptions .. .. .	14	14	9						
				11	5	0			
Received during 1939-40 .. .. .	13	14	9						
				24	19	9			
Creditors (Medals A/c)					7	6			
D. Fulton Memorial Fund Contra. .. .. .	21	6	3						
				£243	16	0			
							£243	16	0



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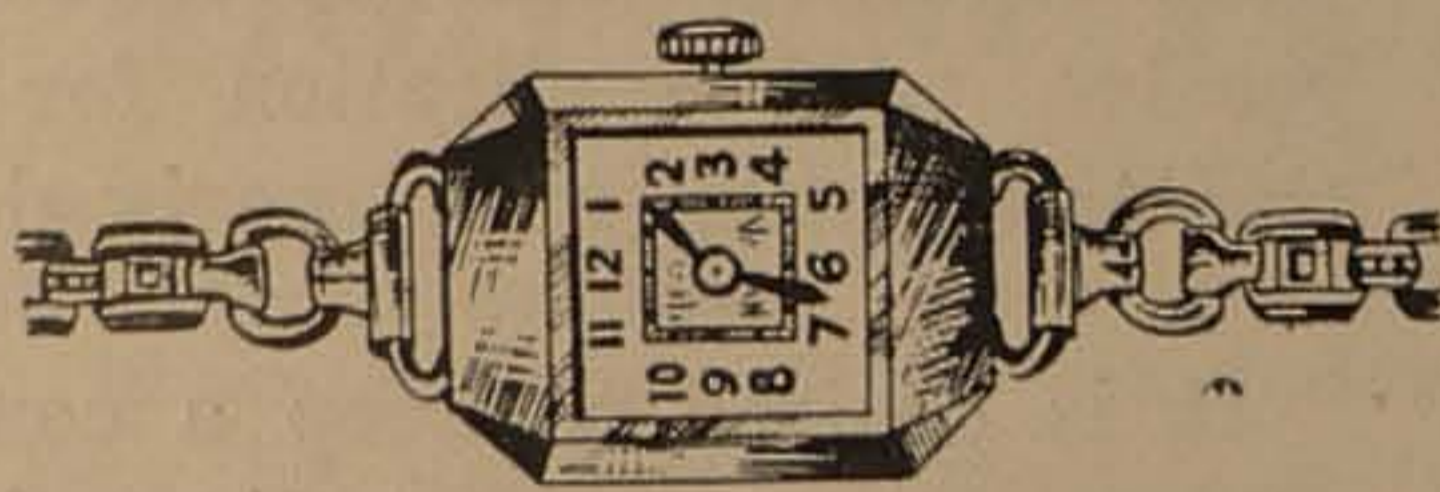
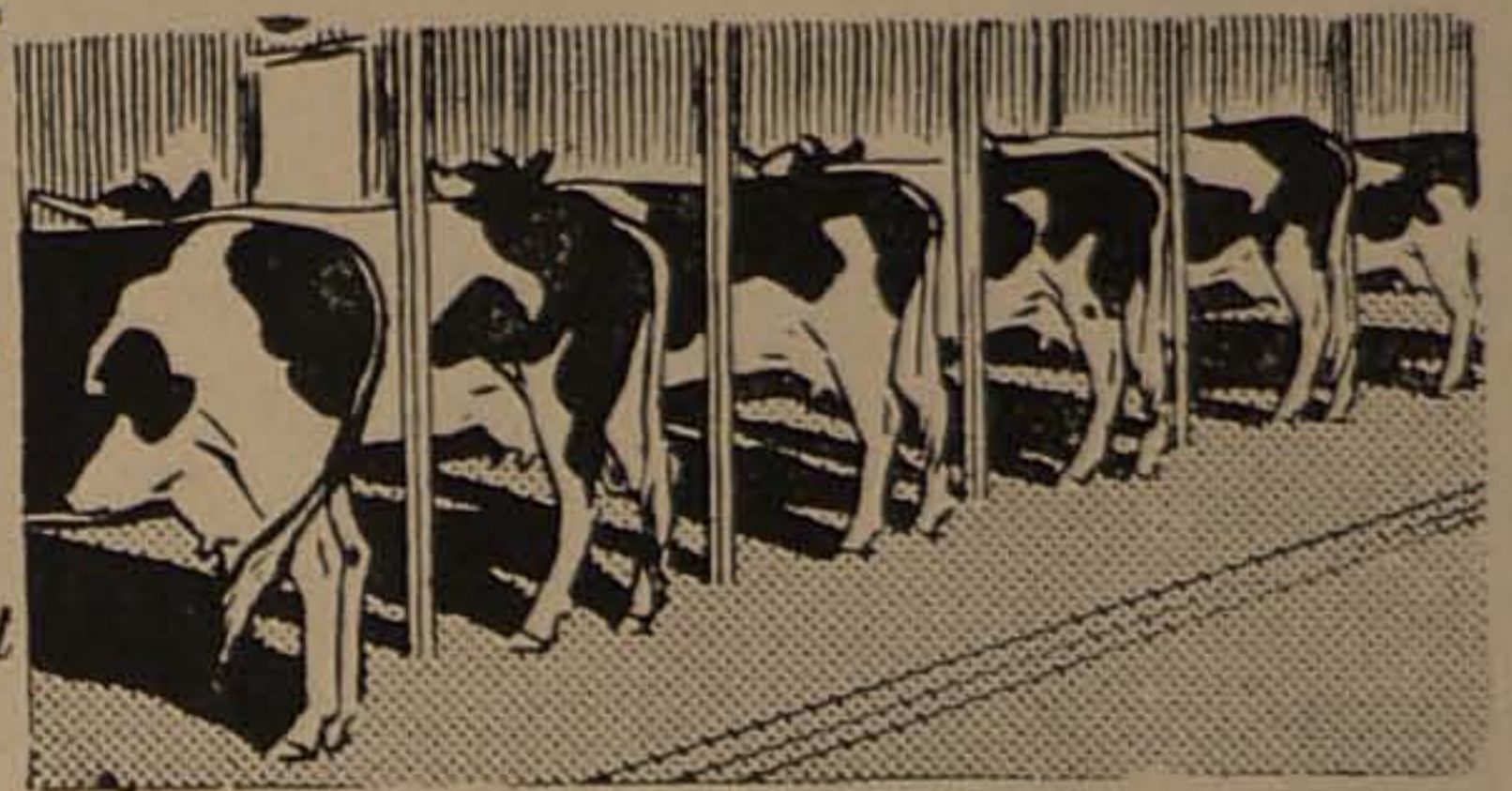
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of business on the agenda, and it is hoped that this may be completed with dispatch.

### MEMBERS ON ACTIVE SERVICE.

It is with considerable pride that I have to report the part being played by members of the Association and other Old Students of the College in the war effort. These men have responded magnificently to the call, and will carry on the traditions established by those whose names grace the 1914-18 Honour Roll at the College.

There is no need to emphasise that the social which is to follow this meeting has been organised to provide an opportunity of wishing them every success, both to those who are with us this evening, and to those who are unable to attend, many of whom are already overseas.

Up to date we have advice that 33 old Roseworthians are in the A.I.F., with many more waiting to be called up, 1 in the Garrison Battalion, and 1 in the Navy. There are a further 18, either in the R.A.A.F. or the Reserve awaiting call, and 1 in the R.A.F.

Special mention might be made of Pilot Officer J. R. Cock, who has recently been awarded the D.F.C. He has been with the R.A.F. since the outbreak of war, and was with the B.E.F. Advanced Striking Force in France. We wish every success to all of these men.

(Signed) ROWLAND HILL,  
President

—————:o:—————

### ANNUAL RE-UNION.

The 1940 Re-union was held at the Hotel Richmond following the General Meeting on 19th October. This function took the form of a smoke social, and provided an opportunity to entertain Old Students who have enlisted. Of the 45 members present 10 were in the A.I.F., and 7 either in the R.A.A.F. or on the Reserve.

Professor Prescott proposed the toast of the "College," to which the Principal, Dr. Callaghan, replied.

Col. D. Fulton proposed "Old Collegians on Active Service," and Captain L. McCarter and Leading Aircraftman R. C. Hay responded. Captain McCarter pointed out that there was a bigger percentage of country men

in the A.I.F. than from the city—a fact which is very apparent from the proportion of Old Students who have joined up. Leading Aircraftman Hay, in describing his progress during pilot instruction, drew many laughs.

The evening was most successful, the attendance being considerably better than for the previous function. A social allows more scope to intermingle than is the case with a dinner, and it should be the means of encouraging bigger attendances at these gatherings.

### NOTICES.

Several members have not yet paid their annual subscription, which fell due at 1st July. If your copy is marked "Complimentary" it is an indication that your subscription has not been paid. Please forward your subscription together with any arrears to the Secretary, R.O.C. Association, Agricultural College, Roseworthy. May I again suggest that it is more convenient to send your cheque for £1 (plus exchange on country banks) to cover four years' subscription.

If you are not already a member, please accept this magazine with the compliments of the Roseworthy Old Collegians' Association, together with the request that we may receive your application for membership of the Association at an early date.

It is desired to keep a complete record of all enlistments. Members enlisting are asked to forward details of their number, rank, unit, company, etc., to the Secretary, R.O.C. Association.

Your attention is directed to the new conditions governing annual members and life membership qualification, which are outlined in the report of the General Meeting.

### WESTERN AUSTRALIAN BRANCH.

Mr. Arnold Rudduck, Secretary of the W.A. Branch of the R.O.C. Association, advises that the W.A. Re-union was abandoned this year owing to circumstances arising out of the war.

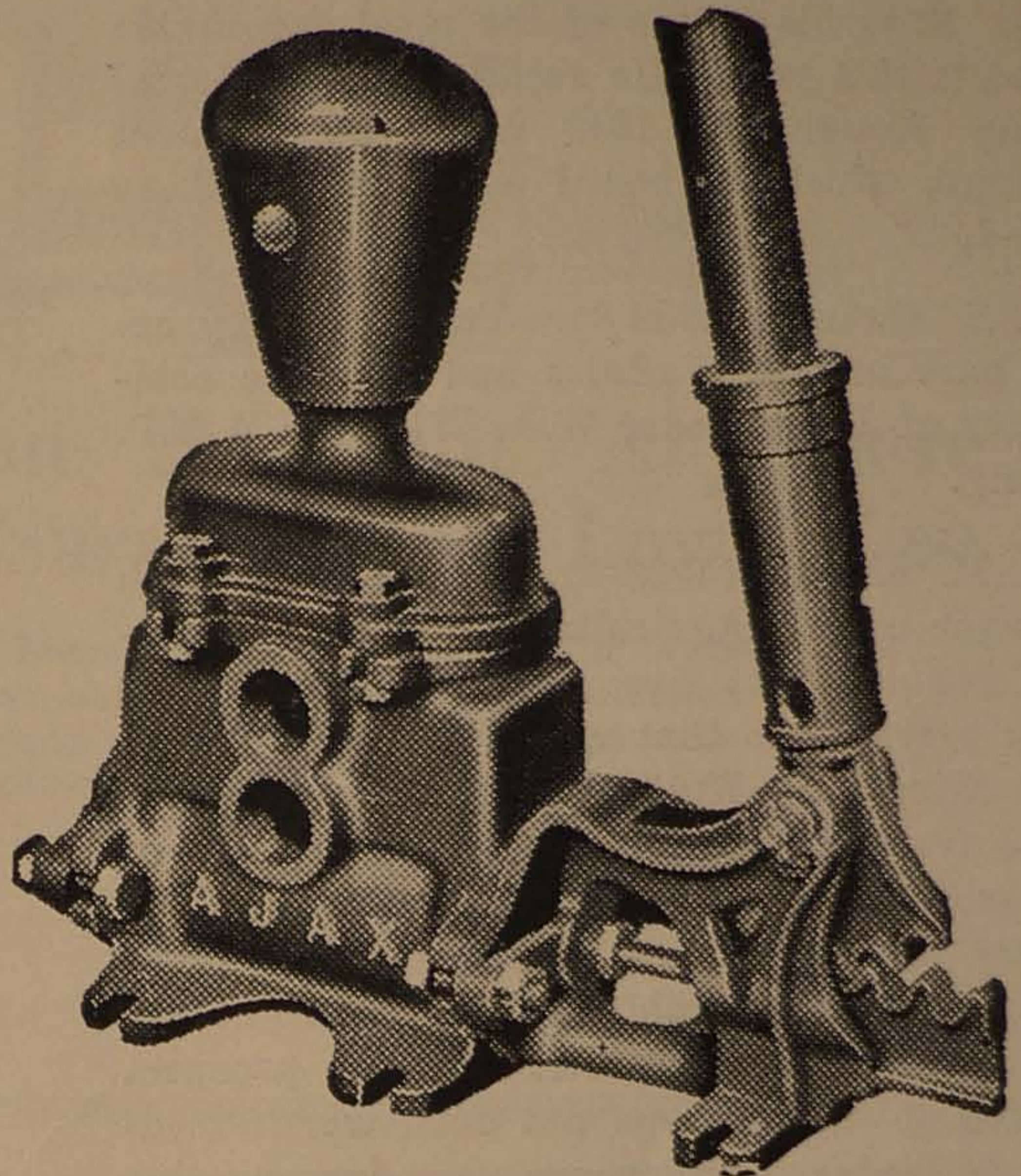
### WESTERN AUSTRALIAN NOTES.

S. A. Rudduck (1921-4).—Secretary of the W.A. Branch of the R.O.C. Association. His

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address—Corrow, W.A. Writing during November, mentions that the W.A. season has been a bad one. Has had 833 points on his property for the year, and expects to average 14 to 20 bushels on heavy and light land respectively. Was fortunate in cutting all his hay requirements at 20 to 25 cwts. per acre. Says his is one of the most favourable districts this year. He recalls the forecast of a big drought in 1940 made by Clement Wragge, which he heard while at R.A.C. in 1921-4.

R. S. Thomas (1923-6).—Taking a very active part in public affairs and patriotic committees at Kalamunda, W.A. With the A.M.P. Society.

A. M. Martin (1922-5).—Has been Branch Manager of the Agricultural Bank at Kataning for the last five years, and for seven years previous to that was Field Inspector at Lake King and Kulin. The following extracts from his letter to Mr. Rudduck are of interest: "Down here the worst season in the history of white man is being experienced. It is almost unbelievable to witness farm after farm on the border district with the prospect of nothing—some crops not even worth feeding off. Water supplies are very low, as this is the most heavily populated part of the State so far as sheep are concerned." Goes on to say: "The wetter parts will naturally be the districts to breed the fat lamb. This is now borne out by the large increase in crossbred sheep. The Border cross Merino and the Romney cross Merino are the most popular ewes, in that order, for mating with the Southdown for the so called high quality lamb. From a commercial point of view, most farmers are beginning to realise that the first cross lamb is more profitable to them, and for this the Border is the most popular. I most heartily agree with these men who, being the majority of farmers, are not equipped for fat lamb raising on the fine scale. They have too valuable a revenue producer in the Merino and too little developed farms to handle mixed flocks. I am of the opinion, though, that the Romney cross Merino will become almost universal in the districts closer to the Albany works and where a rainfall of 25 inches and over is usual. In such districts pastures are becoming too heavy for Merinos. Crowding takes place, as many farmers carry up to six sheep per acre on top dressed pasture. Long before this stage is reached the

safe limit for Merinos is past. Still many persist and are regarded as first class clients for various licks, drenches, etc."

G. N. Lewis (1923-5).—Has a sheep farm in the Kojonup district, and recently enlisted in the R.A.A.F. ground staff.

M. C. Manuel (1916-17).—Successfully farming at Nyabing.

J. B. Curlewis (1923-6).—Is a Field Inspector with the Agricultural Bank, stationed, as far as is known, in the Merridin district.

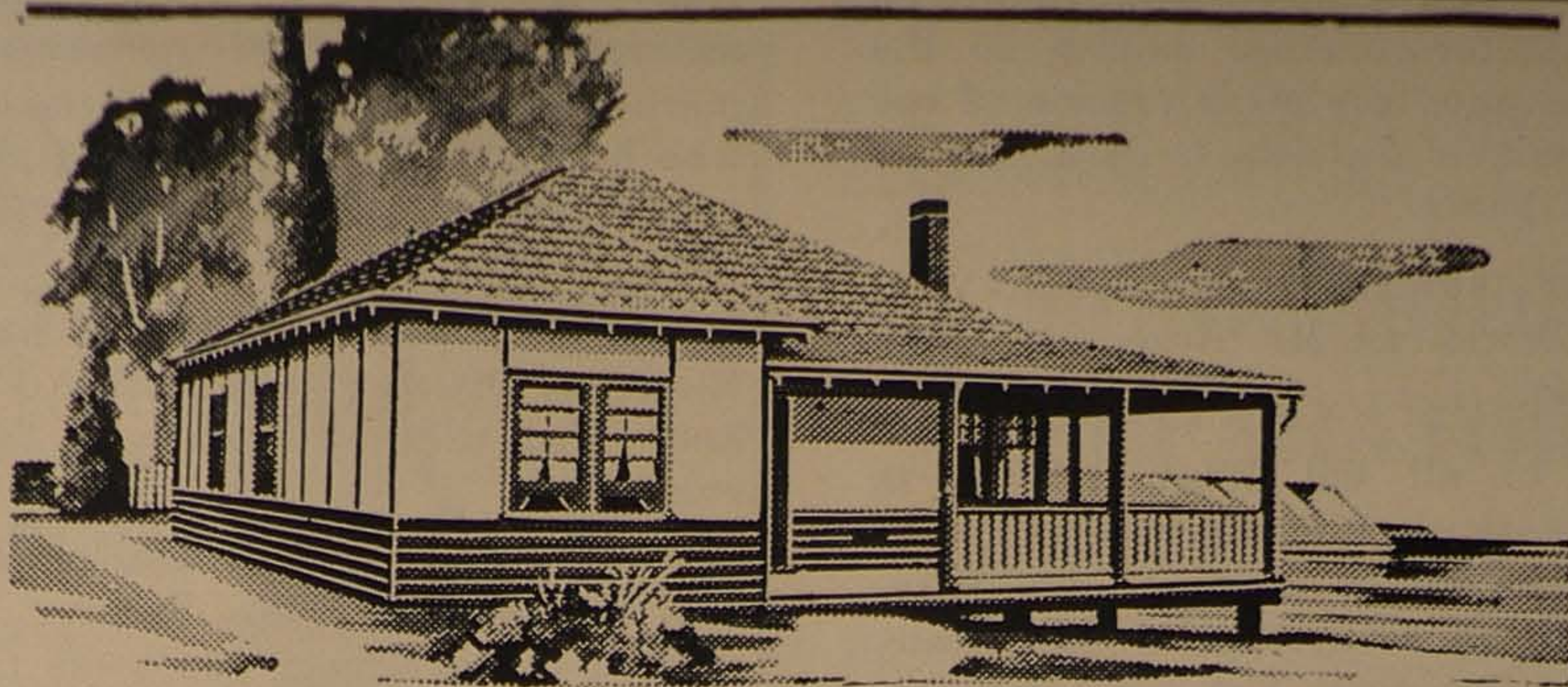
F. Packham (1905-6).—Tammin. Also reports severe drought conditions in his district.

G. H. Purser (1922-3).—Writing from Piawaning last January in reference to the 1939 season: "It was too wet for us, and consequently have the worst crops we have had for many years. However, feed was good when eventually the rain did stop, so I suppose we can't have it all ways." Rather ironic now that 1940 has proved such a disastrous year. These troublous times truly tax that philosophy of the farmer which enables him to accept the present and look forward to the next season.

J. C. W. Rose (1924-7).—Writes from Wilgarnup: "It is good being able to follow the doings at old Roseworthy in the 'Student.' It would be well worth a trip over to see the R.A.C. of 1940. Would we recognise it? I don't think we'd fail to recognise old Jacky Daly and other such stars there and round about." Says he has started growing potatoes on some of his richer flats and finding this very profitable.

A. B. Cashmore (1924-7).—University, Nedlands, W.A. In writing says: "It is extraordinarily difficult to discover old R.A.C. identities over here, although this State must be littered with them. It seems to me something should be done to get all local R.A.C. people together again." Mr. Rose mentions that Mr. Cashmore visited his district recently in connection with the eradication of the blackberry pest, and that good headway is being made in this connection.

A. C. Benzie (1931-3).—Aldersyde, W.A. Alf reports yet another bad year, but is fortunate in having some sort of a crop, which is more than can be said for most of W.A. You are certainly striking a bad run of sea-



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sons, Alf. He had a complete crop failure on his farm in Victoria before moving to the West two years ago, to what is considered one of the most reliable districts in W.A. over a long period of years.

W. E. Inglis (1914).—Boyup Brook, W.A. In the same district as Mr. Rose, and doing well at farming.

We appeal to all old Roseworthians in W.A. to keep in touch with Mr. Rudduck, who is doing a great job in keeping the Roseworthy old Collegians together in that State. Best wishes for Christmas and a new year of improved agricultural prospects to all in the West.

### OLD COLLEGIANS' NOTES.

It is the desire of the R.O.C. Association to keep in touch with all the Old Students who have enlisted, including those who are not already members of the Association. In order to keep our lists complete I would be pleased if all Old Students would send details of their name, number, rank, company, squadron or battery, regiment, battalion or field brigade, and unit or division, etc., to the Secretary, R.O.C. Association, Agricultural College, Roseworthy. We require this information so that we may forward the "Student" magazine and parcels from the College Knitting Circle, which Mrs. Callaghan has organised, with the assistance of present students, Staff and parents. We would be very pleased to hear from any ladies who might like to undertake some knitting to assist in this circle, which is conducted on behalf of old Roseworthy students. As you will see by the list elsewhere in this magazine, the number of men to whom it is intended to send parcels is rapidly increasing, and any small assistance that your wives, sisters or daughters can give will be greatly appreciated by the ladies of the College Staff and friends of the College, who are trying to cope with this work in addition to their work for the Red Cross and Fighting Forces Comforts Fund. I also wish to take this opportunity of expressing, on behalf of the Old Students, their appreciation of the efforts of this circle.

Our information is incomplete in regard to some of the Old Students mentioned in these notes. Those from whom details of their military or air force address is required are shown on the list elsewhere in this maga-

zine. We would appreciate complete details as outlined above from all whose names are marked with an asterisk in the roll of men who have enlisted, either directly from themselves or from parents or friends who may know their full address.

E. A. Arnold (1931-4).—Ted has joined the Electrical Division of the R.A.A.F. Those that know Ted will recall that he favoured blue ensembles.

H. M. Allan (1936-8).—A rumour that you are on the R.A.A.F. Reserve. Would be pleased to hear from you some time.

H. D. Afford (1934-7).—Quite an eventful year. Congratulations on your marriage. Has probably been called up for R.A.A.F. by now. Dean has always been keen on the "wide open spaces," even more so since he has been at Albemarle, Menindie, N.S.W., so we can look forward to him clearing an open space when he gets amongst the Luftwaffe.

H. W. Bauer (1923-5).—Warrant Officer, Permanent Instructional Staff. Last heard of at a camp in Queensland.

D. N. Brookman (1935-8).—L/Bdr., Artillery, A.F.R., 7th Div. What is your number, Dave?

B. W. Bussell (1934-7).—Was to have entered No. 4 I.T.S., Victor Harbour, a week ago, but was suffering from minor injuries to his fingers, sustained in his last car accident. Incidentally we've lost count of the number of turnovers, etc. Visited the College recently in company with Phil Schinckel.

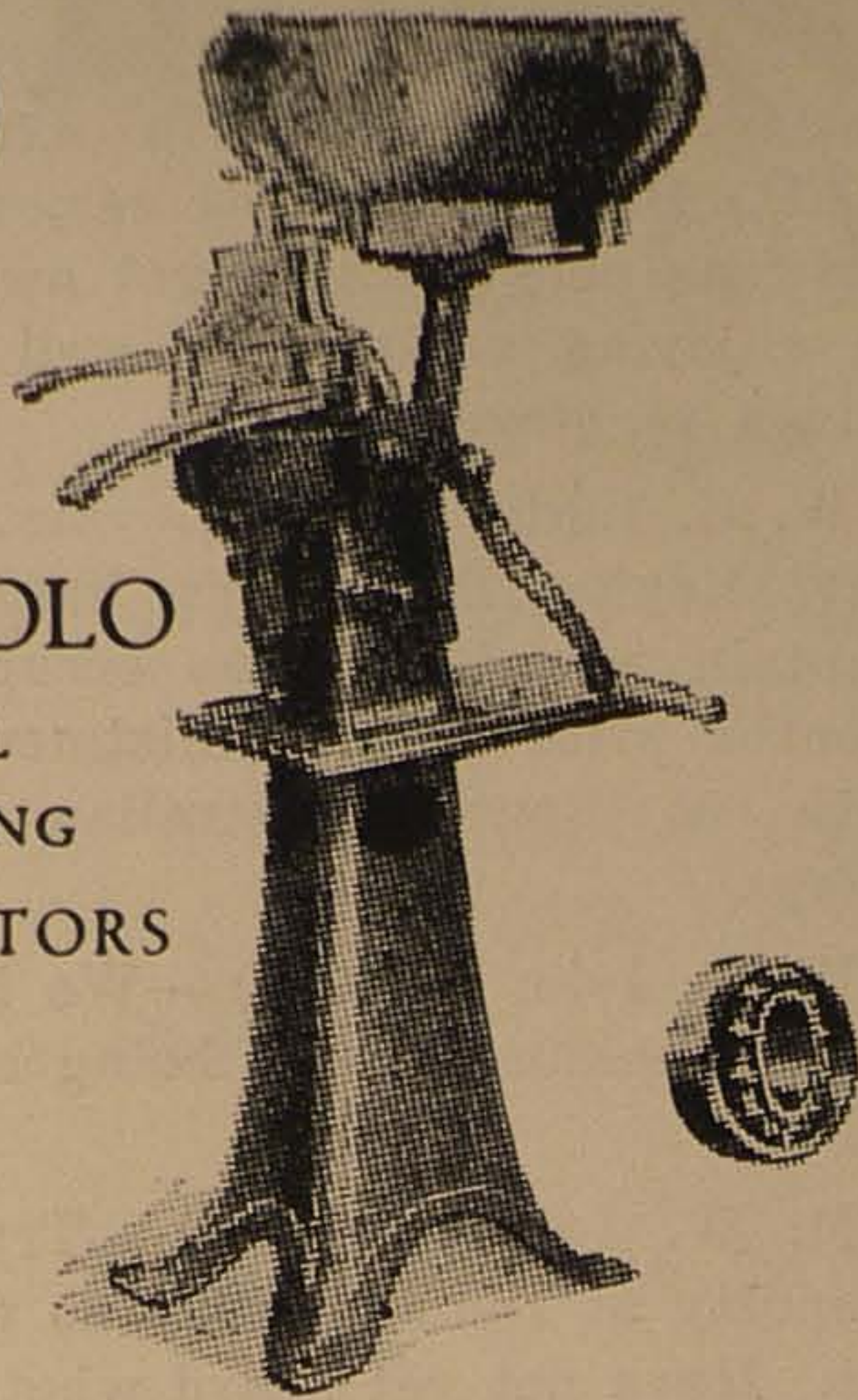
A. P. Bowman (1935-8).—Believe that Peter graduated in second place from his E.F.T. School. Do not know his address, but somewhere with the R.A.A.F.

M. S. Butler (1935-8).—407220, No. 1 E.F.T.S., Parafield. Present at the social. Said he was finding the Air Force most interesting, and had much to discuss with Bob Hay.

W. B. Chaffey (1932-5, 1937-9).—Either on the R.A.A.F. Reserve or just commenced training.

M. C. C. Cotton (1934-7).—Graduated top of his E.F.T.S., and now in Canada. His address is c/o The High Commissioner for Australia, Ottawa. Was heard calling Australia in a broadcast from Canada some days ago. We have had several letters from Monty, who appears to be enjoying himself with all his well known capacity for new experiences. We





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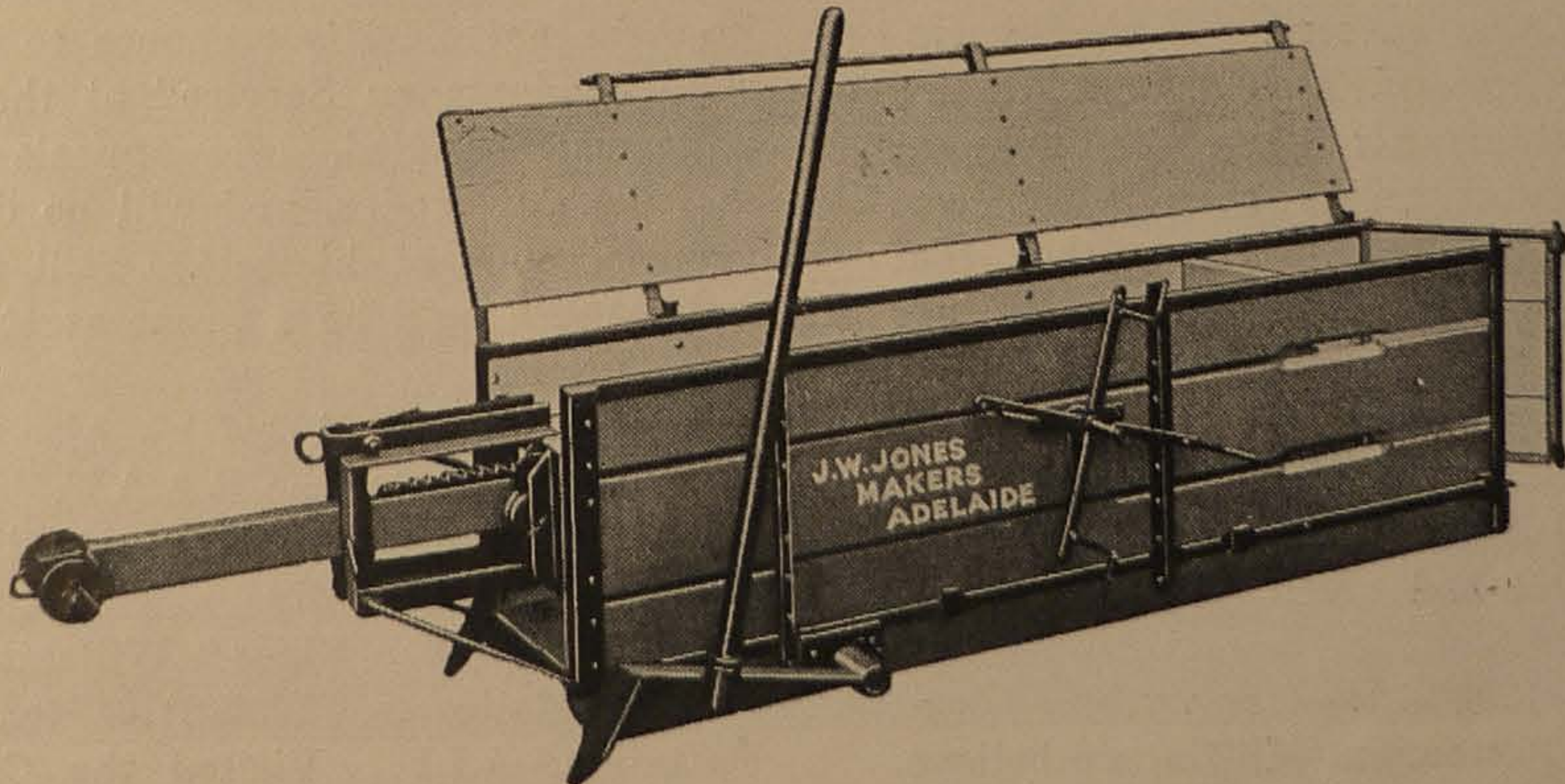
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are anxious to hear of your experiences since leaving Australia.

A. F. O. Cunningham (1928).—Electrical Division, R.A.A.F., Melbourne.

L. D. Diercks (1935-8).—Congratulations on your marriage. Either on the R.A.A.F. Reserve or has been called up recently.

A. A. Gregory (1920-3).—Pte., SX 6559, 8th Division Field Ambulance.

A. C. Grieve (1917-20).—No details, but in the A.I.F. as far as is known.

R. G. Geddes (1932-5).—Pte., SX 3170, Infantry, 2/27th Battalion, A.I.F.

A. R. Griffiths (1934-7).—Pte., A Company, 2/3rd M.G. Battalion, A.I.F. Enjoyed himself at the social on 19th October.

W. O. Graham (1935-9).—Understand that he is now training at No. 1 I.T.S., Victor Harbour.

R. L. K. Horne (1929-30, 1932-3).—Very pleased to see him at the social. Was on the R.A.A.F. Reserve at that time, and has probably been called up since then.

R. C. Hay (1932-5).—407074, No. 1 A.O.S., Cootamundra. Bob has written several progress reports of his experiences since leaving the College for the R.A.A.F. He entered the I.T.S. at Somers, and from there he went to Archerfield E.F.T.S., where he tried to adapt the ploughman's light hand, to control a plane, with variable success. Bob's descriptions of his progress during this period show that he still retains his sense of humour, despite the fact that his solo flying was fraught with uncertainty. We gather that landing was the chief difficulty. Fifty per cent. were good, and the remainder otherwise. However, after spending some time solo, Bob has eventually been posted to the Observers' Training School at Cootamundra. He was at the social, and had much to tell of his doings.

F. H. Hooper (1930-3).—Harvey has joined the Sigs. in the Permanent Militia, we believe.

N. R. MacGillivray (1935-8).—Sgt., C Squadron, Div. Cav. Rgt., 8th Division, A.I.F. Nigel was known to his contemporaries as Higgs. There are quite a lot of Old Students in this unit.

B. J. Hemmings (1935-8).—Lieut., 2/43rd Battalion, A.I.F. Believe he has recently been promoted Captain. Visited the College recently with Nigel MacGillivray. Congratulations on your meteoric advancement in the

A.I.F., and also on your recent marriage. Brian is good propaganda for the table at the Officers' Mess.

W. M. C. Hackett (1933-8).—Gunner, 13th Battery, Artillery, 2/7th Army Field Rgt., A.I.F. Max was looking very fit a month ago, and was very keen to get away. Seemed to be enjoying camp, and well satisfied with things in general.

W. G. Inglis (1934-5).—Lieut., C Squadron, Cav. Rgt. Believe he has been promoted Captain recently. Was occupied for several months prior to his enlistment in the A.I.F. both in South Australian and interstate camps.

W. C. John (1931-4).—We hear that Wally is disappointed at not being accepted for the R.A.A.F.

M. W. Jones (1932-5).—Trying to sell his property at Inman Valley so that he may enlist. Have not yet heard whether he has done so.

W. H. Jones (1936-9).—L.A.C. at Pt. Cook. We hear that he has graduated from his E.F.T.S., and is continuing his training as a pilot.

J. Legoe (1927-30).—Lieut., C Squadron, 7th Div. Cav. Rgt., A.I.F. Present at the recent College dance.

L. McCarter (1929-32).—Capt., 2/43rd Battalion. We have mentioned "Mac" elsewhere in these notes. His response to the toast of "Old Students on Service" at the social was very well handled. He appeals as an able and popular leader, and will no doubt give a good account of himself. Still as jovial as ever, and should be a great asset in a tug o' war team.

D. H. S. Mellor (1934-7).—Also disappointed at his rejection by the R.A.A.F.

G. G. McEwin (1934-7).—On the R.A.A.F. Reserve, and recently married to Miss Jean Mitchell, of "The Pines," Willaston.

D. S. Motteram (1935-8).—Pte., 2/3rd M.G. Battalion, A.I.F. Visited the College some months ago, when he was trying to join the R.A.A.F.

D. B. Muirhead (1933-6).—Sgt., SX 3308, 8th Div. Cav. Rgt., A.I.F. Recently engaged to Miss L. Lewis, an event which is unlikely to cause any surprise amongst those who knew Den. It is a matter of some conjecture to know just how he manages to prevent the greater part of his 6 ft. 3 in. from protruding above the top line of machine gun

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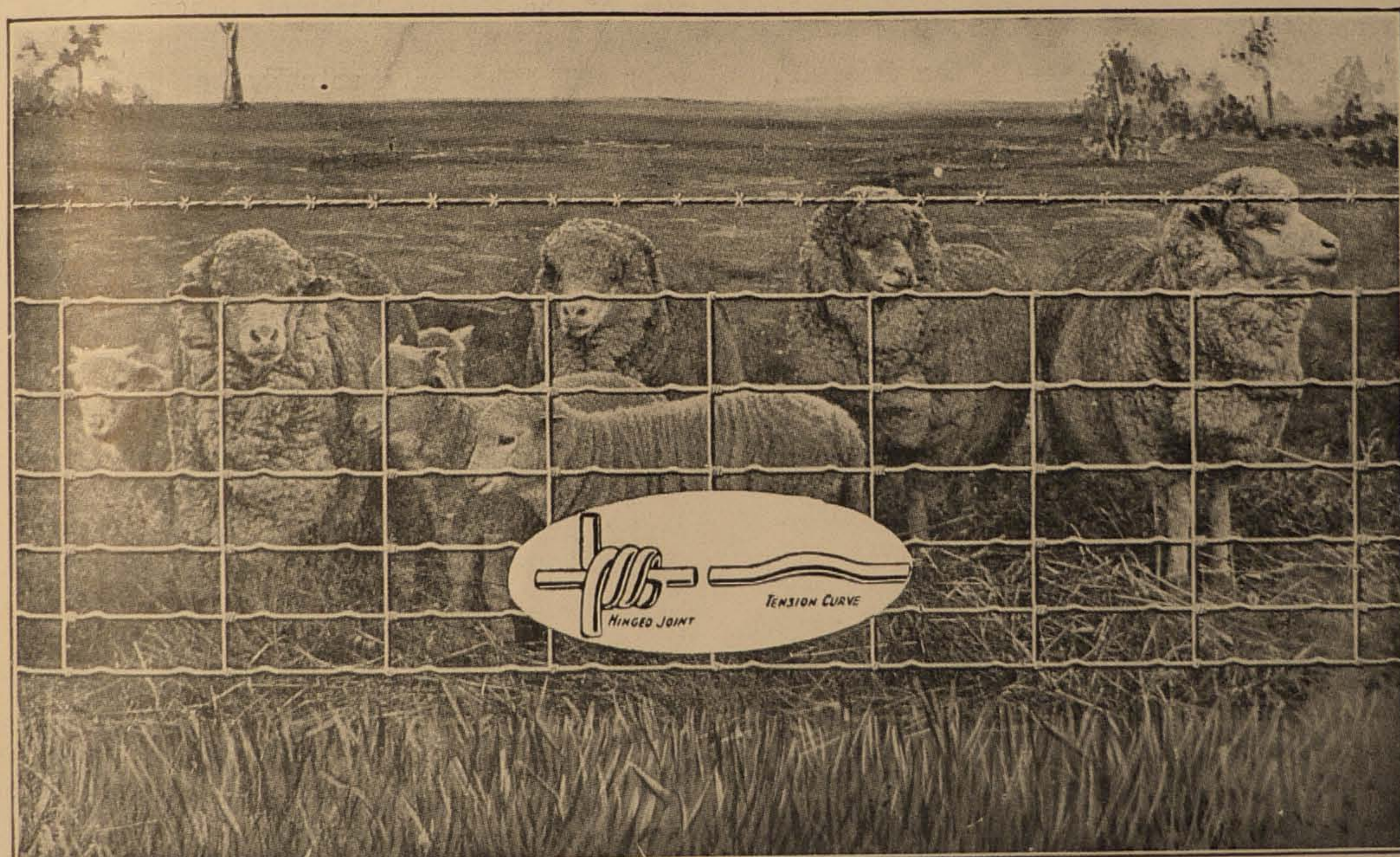
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A. L. Oppatt (1928-30, 1931-2).—Pte., Infantry, 2/27th Battalion, A.I.F.

E. H. Orchard (1932-6).—At present in the Permanent Militia as O/Cpl., 9th/23rd Light Horse, at Clare.

J. M. O'Neill (1933-6).—At No. 1 I.T.S., Victor Harbour. Started training for the R.A.A.F. about a fortnight ago.

H. E. Orchard (1934-7).—Also at Victor Harbour with the R.A.A.F.

C. Pollitt (1930-3).—Yet another Air Force trainee at Victor. We hear that there are about eight R.A.C. men at this school.

M. H. Richards (1931-4).—Left the Police Force to enlist. His address is C Company, 2/6th Battalion, A.M.C. Merv. sailed with the 6th Division. Anyone wishing to write him could do so per his home address at Murray Bridge.

E. C. Savage (1932-5).—On the R.A.A.F. Reserve, if not already training. Congratulations on your marriage.

R. F. Shipster (1934-9).—L/Bombardier, SX 1066, B Troop, 5th Battery, 2/3rd Field Rgt., Artillery.

F. H. Wheaton (1929-31).—Pte., SX 9516, Transport, 2/8th Field Ambulance.

H. M. Woodroffe (1934-8).—Has been called up for the R.A.A.F. and gone to W.A., to the best of our knowledge.

P. J. Young (1936-9).—SX 5101, 2/7th Army Field Rgt. Phil discontinued his 'Varsity studies to enlist.

D. N. Fairbrother (1929-30).—Lieut., NX 1274, H.Q. Company, 2/2nd Battalion, A.I.F.

J. McMahon Glynn (1928-30).—Pte., SX 7332, B Company, 2/48th Battalion, A.I.F. Had made application for a property under the Graduates Settlement Act, but withdrew his application to enlist.

L. F. Lynch (1922-3).—Pte., SX 4923, Petrol Company, A.S.C., 7th Division, A.I.F. His smile has been greatly missed by his many friends in the Gawler district. All the best, Len.

G. B. Lewis (1935-8).—Pte., SX 6134, 2/3rd M.G. Rgt., A.I.F. George was at the social at the Richmond in October.

J. M. C. Mayo (1938-9).—L/Bombardier, SX 3792, 13th Battery, 2/7th Army Field Rgt., A.I.F. Present at the College dance on 18th October, but was unable to attend the social.

F. B. Pearson (1922-5).—Pte., SX 7056, B Company, 2/48th Battalion, A.I.F. No further information.

J. D. Robertson (1933-4).—Gnr., SX 1380, 5th Battery, H.Q., 2/3rd Army Field Rgt., 6th Division, A.I.F.

J. S. Spencer (1922-4).—Spr., WX 7809, D Company, R.T.D., Ascot, W. Australia, 2nd A.I.F.

P. H. Scarlett (1916-20).—4th Garrison Battalion, Keswick.

A. G. W. Gilbert (1931-2).—Pilot Officer, R.A.A.F. Is putting in three weeks at Laver-ton, and will probably go from there to Camden for three months, which will complete his training. He will probably be posted as a Flying Instructor early next year. Arthur is completing a very successful course, and was one of the last batch called up for training in the R.A.A.F. prior to the formation of the Empire Training Scheme. Gave us many thrills while he was training at Parafield. The horses eventually became accustomed to his low flying over the stables.

G. N. Lewis (1923-5).—His home address was Kojonup, W.A. Is now an Aircraftsman in the R.A.A.F.

W. W. Mallan (1938-9).—At the R.A.A.F. Recruiting Centre, North Terrace, Adelaide.

L. W. Pym (1938-40).—Has joined the Electrical Division of the R.A.A.F. Com-menced training recently.

J. S. Riddell (1936-9).—Very disappointed at not being accepted as a pilot. Is at present training as a Gunner with the R.A.A.F.

C. W. Haydon (1931-3).—L.A.C., 407237, Course 4P, I.T.S., No. 1 S.F.T.S., Pt. Cook, Victoria. Was training at Parafield for some time, and flew over the College quite frequently.

R. Roberts (1933-6).—In the R.A.A.F., and top of his E.F.T.S. All the best, Rhys.

J. C. Kay (1933-6).—At No. 1 I.T.S., Mt. Breckan, I believe.

T. H. Torr (1930-2).—R.A.A.F. Reserve at the time of the social. Do not know whether Tom has been called up yet.

L. V. Spencer (1927-30).—Squadron Leader, R.A.F. At Singapore, we believe.

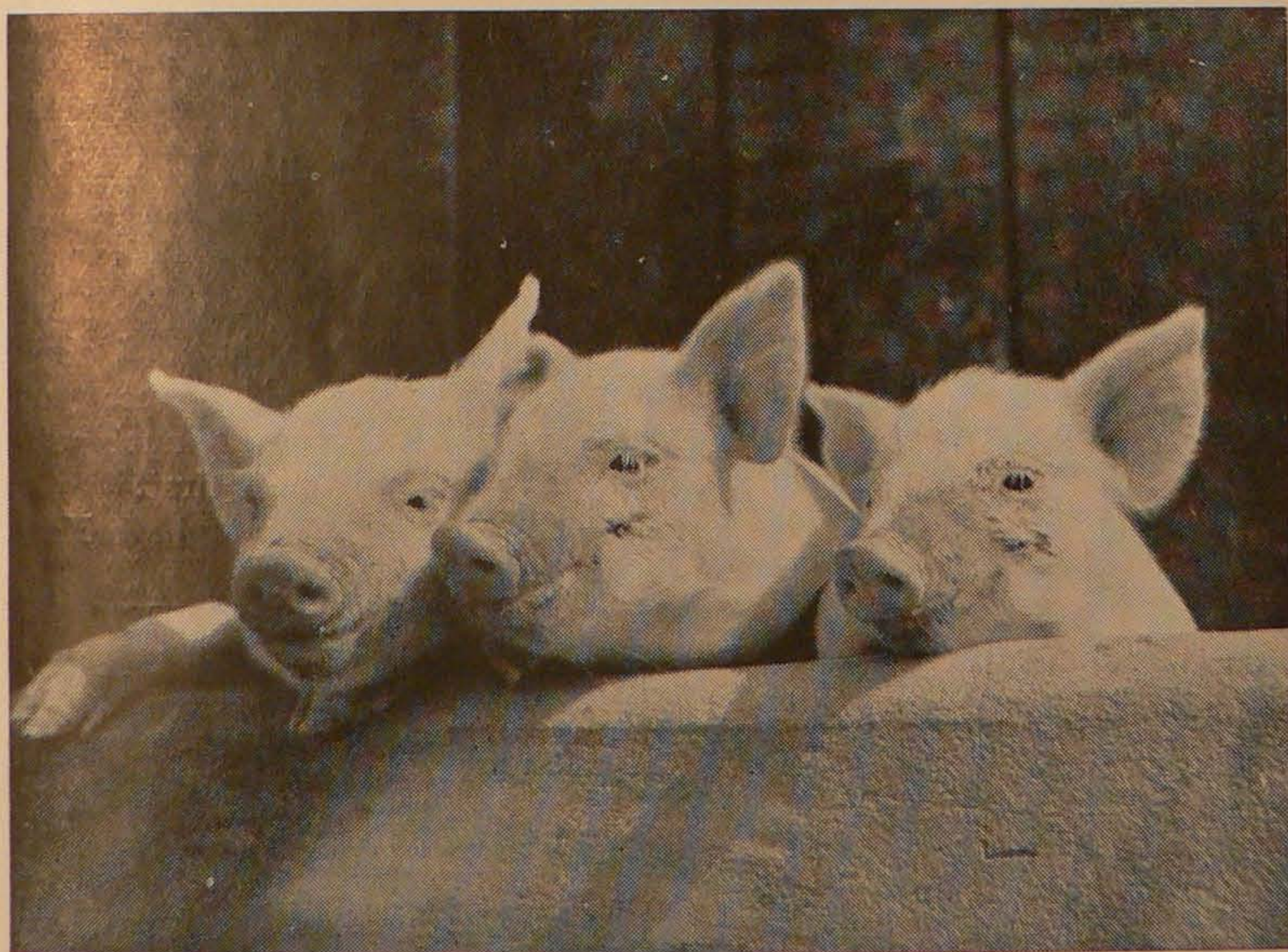
J. R. Cock, D.F.C. (1933).—Left the College to join the R.A.F. His address was Pilot Officer, 40674, 87th Squadron, B.E.F., but may have been redrafted since then. He saw service in France with the B.E.F., and has been engaged in many dogfights both in

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(many)  
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France and over England or the Channel, with many German planes to his credit. During October he was engaged in a Hurricane against a large bomber formation. After bringing down two bombers was chased by enemy fighters, wounded in the arm, and had to bale out over the sea when his machine burst into flames. After descending in the sea, he had to swim 800 yards to the shore. His most recent scrape was the result of a collision when another machine hit and damaged the tail of his fighter. He was forced to make a crash landing, and is at present recovering from the effects of this mishap. Has been awarded the D.F.C. Congratulations! We believe he is the first Australian fighter pilot to be drafted from combat operations to the Empire Air Scheme as an instructor in fighting tactics.

V. J. Ryan (1936-40).—Pte., SX 1788, A Company, 2/10th Battalion, A.I.F.

R. L. Shegog (1937-40).—Tpr., SX 1790, 2nd Reinforcements, 6th Divisional Cavalry Regt., A.I.F.

P. H. Tummell (1937-40).—Sig., SX 3644, 2nd Company, Div. Sigs., 7th Div., A.I.F.

J. H. Tummell (1934-37).—Pte., SX 4429, C Company, 2/27th Battalion. Both Jack and Phil Tummell were given a rousing send-off, according to the reports of several guests from the College. All the evidence indicated a great success. Jack was married recently. Congratulations!

S. A. Ward (1933-36).—Gnr., SX 9321, 13th Battery, 2/7th Army Field Rgt. Steve was at the College recently, and said then that he hoped to get his leave and complete shearing before embarkation. Has a pastoral property at Naracoorte.

B. L. S. Booth (1931-32).—O.R./Cpl., 2/3rd M.G. Reinforcements, A.I.F. Wayville is his present address.

H. R. Brock (1914-15).—Driver, SX 4860, Petrol Company.

R. A. Pownall (1930-33).—Gnr., VX 38064, No. 2 Battery, Anti-Aircraft Training Rgt. visited the College during the year. Prior to his enlistment was on a property at Narrabri, N.S.W.

C. G. Samuel (1918-20, 1923-24).—Now in the A.I.F., and we would be pleased to receive more information. Prior to his enlistment he was with "The Advertiser" on the agricultural section, having left Howard Auto-Cultivators Ltd. earlier in the year.

R. E. Oldfield (1926-29).—Pte., SX 5724, C Company, 2/43rd Battalion, A.I.F. Wrote to Jock Williams recently and wishes to meet any R.A.C. chaps attached or handy to his unit. Sorry you missed the social.

It will be noticed that I have confined these notes to those who have joined the fighting forces, and I have endeavored to mention all those of whom we know. Where possible I have given addresses and in those cases where these details are not mentioned, incorrect, or incomplete I should appreciate full details. If any name is not mentioned, it is because I am unaware of their enlistment.

May I mention that I have no apologies to offer for the meagre nature of these notes. Rather would I say, in a good natured way, that an apology is owing to the Association for your failure to write and advise of your doings. Except in the case of a few regular correspondents, who are mentioned in the notes practically every year, letters containing anything of topical interest have been scarce. However, that by the way. In a few more years I should be able to pen these notes without any background of information from those concerned. Several pages of appropriate fiction in regard to Old Students would no doubt result in a flood of interesting letters.

For the present I would ask you to have another look through the foregoing list of Old Students, make a note of the addresses (Yes! I know I have been writing of nothing else but addresses; I have a mania for them.) of those men you know, and write that flood of letters I mentioned to the chaps who have enlisted. They will appreciate them. I shall be quite happy if by some odd chance you can remember to send me your annual subscription, but write to your pals first.

Every good wish for Christmas and the New Year to all.

R. HEWETT JONES,  
Honorary Secretary, R.O.C. Assn.

## DIPLOMA STUDENTS—1939-40.

### AGRICULTURE.

Bidstrup.—Studying for the Medical Profession. We hope he is still keeping true to the "one and only."

Brown.—Helping father at Alma. Occasionally spends a night with us.

Butler, F.—Looked well after a trip "out-back" woolclassing.

Carmichael.—Pleased to see an improve-

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ment in his health. Still taking it quietly at home.

Fry.—Gaining further experience with Mr Marshall at Mageppa Station.

Goldney.—Could not leave the "old place." Has been a Cadet on pig work. Has now obtained Dairying Scholarship for Hawkesbury. Congratulations, Murray. We'll look after Gawler interests.

Habel.—At Woodside with Remounts. Despite keen competition, can still be seen doing good work at Gawler.

Humble.—At Keswick doing Vet. work. A very happy man when father signed on the dotted line for the Air Force. Beware of pigeons, they're dangerous to meet in the air.

Irwin.—Studying hard at Sydney University Veterinary Science. Best of luck.

Michelmore.—Very keen on pigs. Showing father how things should be done at Strathalbyn.

Nourse.—Cadet on V. & O. Custodian of Tuck Shop.

Parkin.—Gaining experience in the "Apple State."

Pugh.—Still keen on sheep. Gaining further experience in the S.E.

Reddin.—Acting Sergeant with the 27th Reinforcements. Congratulations and best wishes. Also congrats. on marriage. There is no need to mention the maiden name of Mrs. Reddin.

Richardson.—Among the tall timber at Mt. Burr.

Roe.—Hard to believe, I know, but he now tries to get every ounce of labor out of students as Acting Assistant Farm Manager. Doing a good job.

Shegog.—With 2nd Reinforcements, 6th Division Cavalry Regiment, abroad. Now quite an old married man. Congratulations and best wishes.

Winser.—With Vin Ryan, 2/10th Battalion, having a wonderful time in England. A great improvement, I understand, is already apparent in English agricultural methods since his arrival. Spends most of his spare time in letter writing.

### OENOLOGY.

Angove.—Enjoying hard work at Renmark in father's distillery. We were pleased to have a short visit from him. The samples of his wares left for testing proved to be of excellent quality.

Ryan.—His arrival in England with the A.I.F. was followed by the failure of Hitler's plan of invasion. Pleased to receive his letters, although the censor left only one line of the page where he described his forced landing in the middle of a patch of Scotch thistles during an air raid. We congratulate him on his marriage, and extend our best wishes. He claims that his main job in England is trying to keep Dick on the "straight and narrow."

Smith.—Helping Noel Burge to produce good wines at the Berri Distillery.

### LEFT COLLEGE TO ENLIST.

Tummel, P.—With 7th Division Signallers. Had pleasure of attending his farewell at Tanunda; also brother Jack's. Best of luck, Phil. Keep smiling.

Dean.—Flight Mechanic in No. 11 Squadron at Port Moresby. Looked swell when he called to see us before his departure.

Ingoldby.—Air Force trainee. This work should suit him. Best wishes from all at R.A.C.

Cashmore.—Air Force trainee. Doing a great job. Letters from him are unknown. Would like his address.

Martin.—Has joined the R.A.N. Is finding the work very interesting. He looks well in blue. Pleased to have a visit from him.

Bagenal.—Has just left College, and is training hard at Wayville. He should enjoy the life and make a good Aussie now that he has two years' qualifications.

Barritt.—Has joined R.A.A.F. Reserve. At present home on the farm awaiting call up. Still hear the eight synchronised exhausts once a week when he comes over for trainees' classes.

In addition to the above, eight Third Year students completed their final examinations in July to enlist, but, unfortunately for them, recruiting was then cancelled. Pym has since entered the Air Force Training School as an Electrical Mechanic, Pryor and Brookman are on the Air Force Reserve, and Farmer, Morgan, Rudall, Waters and Wilkinson expect to be called up shortly for the A.I.F.

The following students are now awaiting a call to enter the Air Force training schools as pilots: Arnold, Britten-Jones, Lake, Prance and Walters. Monk has his father's signature, and has high hopes of being added to the above list.