

# OFFICE BEARERS 

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## "THE STUDENT" MAGAZINE

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During this present age our advancement in scientific and engineering principles has been meteoric. This is obvious to all by mere observation: we see about us practices and methods of production entirely unknown fifty years ago-means of transport and communication, devices to make living easier, and medical research which helps us to live longer. All this we take for granted, and have adjusted ourselves and our living to these advancements.

This is all part of progress, progress that changed man from a skin-clad savage, seeking his livelihood by killing his food and his foes, into a so-called civilised individual, who now enjoys all the luxuries this era can give and only killing his foes occasionally; but he is still guided by instincts of a more primitive nature.

Man has established his own environment in which he must live, but he constantly is changing it with his progress in science and engineering; he is perpetually turning out new processes and principles in scientific production; he is perfecting and modifying machines which will make life easier. But where is it getting us?

A good illustration of these social changes can be seen in the agricultural field over. the past few decades. Once many men were employed on the land; rural labourers were required to work the farms, but since the mechanisation of agriculture began less and less labour has been required to work the land, and these men come to the city to seek employment. Fortunately, due to the expanding industries, this employment was provided, and the hand that swung the scythe now operates a drill.

Now we ask what will happen when automation takes over. Production will be less expensive, more efficient, and perhaps of better quality-but what of the man who is put out of work because of it? Does this mean more forced
unemployment, or can they be absorbed elsewhere? More questions for our bustling Progress.

It is thus seen that with such advancement great social changes are going to take place, and if mechanisation of a primary industry can cause the change described, think what could happen due to the harnessing of atomic power.

Already nuclear tests have caused great turmoil and criticism throughout the world, as so far research has been mostly of an aggressive nature. But the enormous power has been fully demonstrated; it stopped one warcould it start another?

Not content with this, man is now pushing up into space, trying to find out the effects of outer space on the living organism, seeking the unknown. What will this knowledge achieve? World peace? Disarmament? International food control?

Should research of this nature cease or be pressed further? Are our scientists turning a blind eye to world social problems? Is our progress too rapid, and where will it get us? All these questions are being asked nowadays, and who is to answer them? Surely there are more immediate problems to be faced before we consider building garages on the moon!

Is our progress too rapid? Every young man and woman setting out in the world to-day should ask this question. International peace and understanding should be our main concernnot who can build the biggest bomb. Is the human mind capable of taking the facts and findings from the research done and glean from these results the material that would be of use to mankind, and not destructive? Are we adult enough in our reasoning to mould the world of the future? Pray God we are!

# AGRICULTURAL COLLEGE 

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# SPEECH DAY 

FRIDAY, MARCH 8th, 1957

We all welcome most warmly you, Mr. Minister, to this, your first College Speech Day. We have been fortunate indeed in our ministerial control in my experience, and I feel that with Mr. Pearson we shall be particularly so. He is a most able farmer, who has already shown himself ready to take intinite pains to study the workings of the Departments he controls.

I am particularly glad to see Professor Prescott here to-day. He for long visited the College from time to time as a member of the Advisory Council. He was always available for consultation on such matters as the planning of field experiments, as well as for more general matters. We are indeed fortunate that a world authority on soil science and climatology, like the Professor, should be willing in his retirement to continue to take an interest in College affairs.

1956 has been a good year in many ways. We have done very well in agricultural production, considerable progress has been made in a large number of research projects, and buildings have been added to a noteworthy extent. We had 4 inches of rainfall above the average for the year, but the winter was wetter than that. Most of the wheat belt from here through N.S.W. was hopelessly wet, as you know. Mr. Suter was struggling for weeks to sow wheat on the few fairly dry days, often with two tractors in tandem, and often on inadequately prepared seed beds. Some patches remained permanently wet. In July the prospects looked bleak indeed. Barley seeding was not finished until mid-August. Things all came out pretty well in the end. The crops were dirty, especially with wild oats, but they yielded well, in spite of drowned-out patches, where nothing was reaped. The wheat gave an over-all average of almost 34 bushels per acre, the barley just over and the oats just under 43 bushels per acre.

These yields are near records for each crop. As a combination they are outstanding. So also is the fact that 1956 was the ifth year in succession with a wheat average of over 10 bags. We've never had any series like that before. In 1956, also, we made a record amount of baled hay, at 230 tons, and added over 400 tons of silage, so that there are now something like 1,300 tons of silage on hand.

There is another plant that has flourished exceedingly in 1956. I refer to the soursob, which, in winter, covers our green fields with a beautiful yellow. I hasten to add that it does the same thing impartially for everyone else on the Adelaide Plains. These wet years have suited it admirably, and it has choked out good pasture plants in places. Mr. Suter has got some very promising results on a paddock scale with winter cultivation followed
by a spring crop of barley. The treatment, which was indicated by pre-war experiments, may not always be practicable or successful, but certainly some excellent meadow hay was grown on the Farm last year in areas formerly nearly all soursob.

On the Agronomy section, Mr. McKeown is testing pasture legumes which may possibly do better than barrel medic, but mainly he is occupied with a study of the management of land by grazing and cropping, with a view specifically to encouraging medic. It is going to be a most important study. Barrel medic has waxed and waned with us in a fashion not always easy to explain. It is not possibie to guarantee to produce a good stand to order. It would be very nice to be able to do so. This experiment aims at finding the answer.

In Plant Breeding we are preparing to give up work with barley. This will be taken over by the Department of Agriculture, which will leave Mr. Krause still with wheat as his main crop and some work on oat breeding as well. The latest new wheat released, of course, was Claymore. The College sold 370 bags of it after its first harvest on a paddock scale last year, and we shall deliver 500 bags this year. Reports from all over the State are most pleasing. Many who have grown it are generally delighted with its performance.

The sheep work continues satisfactorily. For the half of the flock in which the breeding programme is controlled by fleece measurement, the increase in production, while small, is just about what the exalted mathematicians who work in population genetics tell us to expect. College research in sheep nutrition, soursob poisoning, and the feeding of antibiotics to poultry, centred at the A.P. Lab., is receiving impressive recognition from other States and countries.

In the dairy section, the herd last year was the second highest producer in the State, among the large herds under official test, with over 400 lb . of butterfat per head $\hat{\text { or }}$ 300 days. The pigs again provided Mr. Bussell with a most impressive series of sirsts and champions, to be, I think, the most successful exhibitor again in the Royal Show for the breed.

In the orchard, the recent crop of stone fruit was magnificent by any standards. A new development was the taking of a ton of peaches to Nuriootpa to be canned for the kitchen by the Co-operative Cannery. We are about to enlarge the waste water storage dam to accommodate, for irrigation, the increasing volume of water from the new dairy and other buildings.

Buildings. This has been an outstandingly busy year in the matter of buildings. The Chapel was finished some months age, and has just been furnished. I think all must
agree that it is a splendid piece of work. Many people have taken indispensable parts in its construction, and I fear there are just too many to mention by name. I should like particularly to record our thanks to Mr. Dean Berry (the architect), Mr. John Dowie (the sculptor), members of the Committee who have attended meeting after meeting to decide on a whole host of issues, and particularly to Mr. Shaw, who has been in charge of the work here all the time. I should like, too, to record my thanks and sympathy to Mr. Mc:Donough.

The Chapel will be officially opened at a dedication service on Sunday, April 28, at 3 p.m. His Excellency the Governor, Sir Robert George, who laid the foundation stone two years ago, has generously agreed to be present and to unveil the memorial plaque.

The student Accommodation Block will be ready for use when the new year begins in mid-April. It will have many conveniences, like common rooms and bathrooms and laundries, of which we have been in such need for so long. It will provide a new level altogether of student comfort and privacy, and iacilities for study, positively glowing with spacious and attractive built-in furniture. Mr. Siddall, as Architect-in-Chief, who personally had a lot to do with the plans twelve years ago, is most warmly to be congratulated and thanked for his efforts. So is Mr. Shaw, who, of course, has been in charge of the actual work all along. It was a pleasure to do business with him.

The new dairy is constructed under a different system, the money being provided from Government loan funds for materials, while the plans, supervision, and much of the labour has been provided by the College in the ordinary way of business. The new dairy is a great credit to the officers and students, who have created it at less than half what it would have cost by contract.

There was also built, during the year, a workshop where students can operate on their own vehicles in their own time. Materials were paid for from the Canteen, and put together by students as a regular work shift. The workshop reflects great credit on the architect and clerk of works, Mr. Mellor. It is popular with students, and has the virtue that people tend to pull to bits their transport in it, instead of in the uncomfortable, unexpected, and unsightly places used in the past. It would give most people a shock to find a motor bike in bed, but I am afraid : t wouldn't surprise us, whatever our regulations and exhortations.

Enrolments. In 1957 we shall begin with the biggest First and Second Years on record in the R.D.A. course, if all applicants pass supplementary examinations. But we shall have 2 students in Oenology II, none in Oenology I, and none in Dairying II, and I in Dairying $I$.

It is a new phenomenon that Oenology numbers are down. About 50 students have passed through this course since the War.

The most recent of them say it has not been easy to get jobs, and that the demand for wine makers and wine chemists is satisfied, temporarily at least. Some have claimed that the industry faces a sort of recession. This seems incredible to me. With an increasing population, particularly of Continental Europeans, and, we hope and believe, an increasingly well-off population, the industry should flourish. That its demand for technicians and managers should fluctuate to some extent is to be expected, but this violent fluctuation in demand is bad. It makes a small course inordinately expensive to run, and indeed brings the continuity of the course in doubt. The South Australian Government has been most generous to the Australian Wine Industry through the Roseworthy course. I hope the leaders of the industry will come forward with a practical proposal for the encouragement of recruitment.

In sport the year has not been so successful as many in the past. In the Inter-Agricultural College contests, held at Dookie in 1956, the rifle shooters came a creditable third, but the tennis players were at the bottom of the table, not that they didn't take some opponents to close matches.

The football team was beaten out of the final in the local competition, and also beaten by Dookie, but they did well in both contests. Athletics and swimming gave many students a great deal of pleasure, but here again they didn't quite match it with the giants of $a_{0}$.ew years ago. The cricket team won its local competition last April, and will do so again if the enthusiasm of the Manager, Mr. Norman, counts for anything.

Like everyone else, the College was influenced and deeply moved by the Murray floods. What we did was awfully little in comparison with what needed to be done, but it meant a good deal to us. During weekdays we maintained parties of about 35 students at one or other of the struggling centres for about a month, and other volunteer groups of up to 30 staff and student members spend weekends at the nearer danger areas. Mr. Mann organised a contribution to the Lord Mayor's Fund which totalled over $\mathfrak{f 1 2 5}$.

Here at College the main by-products of the working parties were that some seasonal work, like hoeing weeds, was neglected; the bus got a fair bit of wear and tear, and we made a new appreciation of some individuals. There were students who had declined to show much effort at College, but were absolute trumps on the River work. The students and staff members who went to the River were warmly received and praised by the struggling inhabitants. As a sizeable group under one leader they were more effective than larger numbers from scattered populations, no matter how hard-working.

The students, too, I think, got a picture of how difficult large numbers of people are to organise. At College they tend, with youthful impatience, to observe and comment on any delay on a job, without noting the effort and


## Diploma Students, 1957

BACK ROW (left to right) : P. J. Mowatt, D. W. Scales, P. R. Gratton, T. J. Rowinson, L. D. Wallace,

SECOND ROW: C. Phillips, I. M. Donald, B. M. Dubois, R. G. Latimer, R. G. R, Solly, R. P. Maxwell, T. K. Robinson, C. J. R. Raison.

THLRD ROW: E. V. H. Thomson, G. P. Ballantyne, J. W. Goode, R. M. McMahon, R. J. Strachan, R. P. Pfeiffer, R. W. Robins, C. K. Shearer.

SEATED: M. T. Mowbray, I. E. Britten-Jones, S. R. Fletcher, Dr. R. N. McCullochs (Principal), Mr. E. H. Hiddle (Housemaster), T. W. Hemer, D. J. Hatter, J. A. Mackirdy.
planning that has reduced the delay to its existing level. As another example, the educational tours take a great deal of planning and arranging. They rather drop on to the laps of students as finished articles that are taken as a matter of course. I must say it irks me, on the rare occasions when things go wrong on a tour, to hear the phrase, "shambolised again" groaned from the back of the bus. The "again" is usually unjust exaggeration.

To-day's graduating students number 26 in Agriculture, 4 in Dairying, and 2 in Oenology. A further 4 in Agriculture and 1 each in Oenology and Dairying have supplementary exams.

The first award for special mention is the Gramp, Hardy Smith Prize, awarded to the graduating student in any Diploma course showing the best all-round ability in scholarship, leadership, and sportsmanship. This year's winner is R. A. Riedel. Although a notably robust young man, he did not stand out among his fellows until his final year, possibly because he was a good deal younger
than most of them. While he was a good worker in the field, he didn't bother much about his studies at first. As he got ready to leave Colleg'a one realised he was, in fact, an outstanding person, a champion all-round ath!ete, a good scholar, with an honours diploma, and a thoughtful, willing, and intelligent worker at any farm job he was asked to undertake.

The Dux of Third Year is I. M. Rice. He was brought up on the land and intends to farm at home. He is a splendid worker as well as an able student, and will be a credit to the College wherever he goes. The Old Students' Cup is won by J. D. Cunningham. He was at school in Engiand, and lived : :or a year or so with his people on the land in Pakistan before coming here at the instigation of Mr. Stringer, of the Department of Agriculture, who was in Pakistan under the Colombo Plan. With his scholastic ability and his great physical strength he should make a success of any rural work.

The prize for outside work goes to J.P. Nicholls. He was brought up in the city, and had had little country experience when he
came here. Academically he did not find the course easy. Yet he will, without doubt, do as much to add lustre to Roseworthy's name as any ex-student. The reason is his unfailing interest in whatever he is doing and the good humour with which he meets and overcomes difficulties.

In Second Year the dux is S. R. Fletcher. His home is in Kenya, and he was at school in England. He is exceedingly capable as a student, but not very high on the list of marks for outside work. When he does get top marks in that section he will be in line for first class honours.

In First Year the dux is D. C. Stanley. He comes from the land in Kenya. He was at school in Nairobi, and he did his year in the armed services before he came here. He will be an outstanding student in every way. So in Agriculture the top students in First and Second Year, and the runner-up in Third Year, are from outside Australia. It is, of course, fitting that if people are going io travel so far to College they should be good.

The student in First Year with the second aggregate was brought up at the College. Unfortunately for us Kerry Callaghan is leaving now to switch to Medicine. We wish him a good future, and I have no doubt he will do as well in that course as he would have done had he continued this one.

In the course for the Diploma in Dairying, 5 students sat for the final exams and 4 have passed, 2 with honours. The prize for dux goes to K. A. Buckley, and that for Dairy Technology to E. J. Van Hooff. Van Hooff is particularly to be congratulated, because his education was interrupted when he left Holland, and after he reached Australia ie worked in a dairy factory and earned enough money to put himself through here.

In Oenology the dux is R. J. Williams. Both he and A. A. Johnston took honours. Bob Williams' father was vigneron and winemaker here at College for many years, and is now a distinguished manager in the industry. His son has the same steady ability and honesty. Both Williams and Johnston will bring high praise to College wherever they work.

The performance at the 'Varsity of exstudents of Roseworthy has been variable. A few seem to me to have had worse luck than they had a right to expect. At the other end of the scale we have James Cowell, who won the Old Students' Cup here three years ago. He took his degree in Agricultural Science at the end of 1956 in a most distinguished way. In First Year, Keenan and Dufty got several distinctions and credits, and must be among the best of a big year.

Of University students taking part of the course here at College we had 10 in Fourth Year in 1956, and will have 7 this year for the last time. This year we have the new system in operation. University students will be here for a day a week in Third Year and two days a week in Fourth Year, if they take the Animal Husbandry optional subject.

I should like to discuss two aspects of employment. The first point is that for work on the land, while the R.D.A. course gives an unrivalled combination of background science and of skills, it is still mainly a sound basis for more learning. The practical application of the first couple of years is awfully important, and there also the question of personality comes in. The farmers and graziers I know would sooner have a decent, easy-going but keen your man than all the knowledge in the world if that knowledge is tied to a difficult manner or to a too greedy approach. I tell graduating students that of course they have to learn how much to demand for their services, but for the first couple of years they shouldn't be worrying about how much io demand, but about how much they can give the employing farmer while learning.

The other point is the worry of R.D.A. :nen in competition with University men, for example, in Government departments. I iell them they have nothing to worry about. To begin with, in comparison with the costs and efforts of a degree, the pay of the young diploma man in the public service is very good. There's no doubt about that. To be sure, the top jobs will go to graduates, but who should care about that? You have only to look about and see the rewarding, interesting, and quite well-paid jobs occupied by nongraduates to know that there is plenty of scope for the good R.D.A. man in the service.

Last year I was talking to a senior personnel officer of the N.S.W. Department of Agriculture, himself a research man by training with the highest degrees. Remember, graduates of Sydney University have been appearing on the labour market in numbers like fifty a year for a good many years. If the degree men were going to squeeze the diploma people out of the public service they'd be doing it there. This personnel officer said: "We can find no difference in value between the degree and the diploma men for most of our lines of work, leaving aside the technical branches like chemistry, entomology, plant pathology, and so :orth. So the pay and opportunities are the same for a long way up the ladder too."

Even if it were likely to happen at all, it would be a long time before the Adelaide University school could supply all the men needed. Since the War the South Australian Government has never got all the diploma people it wanted, and I am sure things will go on that way, because there is so much to do. If R.D.A. men in the service worry unduly about preference that will be their loss. The individuals who quit worrying and get on with the job will do all right.

At the end of another academic year I wish again to record my thanks to other members of the staff. I believe the energy, enthusiasm, and quality of members of the Roseworthy staff to be unequalled in similar establishments known to me. We have our periods or incidents of strain, but always co-operation and reason win the day.

## Diploma List, 1957

821 IAN MAYO RICE, with Second Class Honours.
822 JAMES DAVID CUNNINGHAM, with Second Class Honours.
823 IAN RONALD OLIVER, with Second Class Honours.
824 PETER RENK, with Second Class Honours.
825 JOHN JAMES MESSENGER, with Second Class Honours.
826 HOWARD INKSTER MORTIMER, with Second Class Honours.
827 RICHARD ANTHONY RIEDEL, with Second Class Honours.
828 FRANK RICHARD HEWETT CHAPMAN, with Second Class Honours.
829 WILLIAM MICHAEL PATRICK FROST.
830 CHRISTOPHER EVERARD FLETCHER.
831 BRUCE GORDON CREE.
832 KEVIN JOHN TUCKWELL.
833 COLIN MALCOLM KRAUSE..
834 WILLIAM JOHN BLACKMORE HEATH.
835 MICHAEL FREDERICK HALCOMB SEXTON.
836 DAVID CHARLES HALROYD SEXTON.
837 JOHN PETER NICHOLLS.
838 JOHN RAMSEY DONNELLAN.
839 RAYMOND DAVISON TEAGLE.
840 JAMES BOWER FORWOOD.
841 ROBERT JOHN PUCKRIDGE.
842 IAN ROBERT AITCHISON SHORT.
843 RUSSELL ROBERT DANIEL.
844 TREVOR JAMES DILLON.
845 CLIVE THOMAS NEWLAND.
846 KENNETH McRAE PEDLEY.
GRAMP, HARDY, SMITH MEMORIAL PRIZE
R. R. RIEDEL.

OENOLOGY DIPLOMA LIST, 195\%
(In order of merit)
63 ROBERT GRAHAM WILLIAMS, with Second Class Honours.
64 ALEXANDER ANGAS JOHNSTON, with Second Class Honours.

## PRIZE LIST

Oenology Diploma Students
Gold Medal (presented by Mr. Leo Buring for the highest aggregate in all diploma subjects): R. G. WILLIAMS.
Prize for Individual Study (presented by Mr. Karl Weidenhofer): A. A. JOHNSTON.
Tasting (presented by Adelaide Motors Ltd. in memory of the late Mr. R. H. Martin): M. ELIA.

Practical Examinations (presented by the Winemakers' Association of South Australia Inc.): A. A. JOHNSTON.

## FIRST YEAR

Principles and Practice of Winemaking (presented by the Winemakers' Association of South Australia Inc.): T. J. SOBELS.

DAIRY DIPLOMA LIST, 195\%
23 KENNETH ARTHUR BUCKLEY, with Second Class Honours.

24 THOMAS ARTHUR BARTHOLOMEW, with Second Class Honours.
25 EDUARD JOHANNES JACOBUS VAN HOOFF.
26 VIVIAN GEORGE HANNAFORD.
PRIZE LIST Dairying Diploma Students
Dux of the Diploma Class (presented by the Australian Society of Dairy Technology): K. A. BUCKLEY.

Dairy Technology (presented by the College): E. J. J. VAN HOOFF.

## PRIZE LIST - YEAR 195\% THIRD YEAR STUDENTS

Gold Medal (presented by the Royal Agricultural and Horticultural Society for the highest aggregate in all diploma subjects): I. M. RICE.

Old Students' Cup and Prize (presented by the Roseworthy Old Collegians' Association for the second aggregate in all diploma subjects): J. D. CUNNINGHAM.
Outside Work (presented by the Albert Molineux Memorial Trust): J. P. NICHOLLS.
Practical Examinations (presented by the Members of the Advisory Board of Agriculture): J. J. MESSENGER.
Morphett Prize in Dairying (bequeathed by the late Mr. A. H. Morphett): J. D. CUNNINGHAM and I. M. RICE (equal).
The Haselgrove Prize in Horticulture (presented by the late Mr. C. F. Haselgrove) : C. M. KRAUSE.

Agriculture (presented by the Princioal): I. M. RICE.

The Most Efficient Operator of Farm Machinery (presented by the Director of Agricuture): J. J. MESSENGER.
Sheep Husbandry (presented by Mr. W. S. Kelly): J. D. CUNNINGHAM.
Student Handbook (presented by Mr. D. A. Lyall for the best kept student handbook): H. I. MORTIMER.

Rudi Buring Prize for Practical Horticulture: C. M. KRAUSE.

## SECOND YEAR STUDENTS

Dux of Year (Silver Medal presented by the Gawler Agricultural Society): S. R. FLETCHER.
Second Aggregate Prize (presented by the College): R. P. PFEIFFER.
Agriculture (presented by the Principal): S . R. FLETCHER.

The T. G. H. Buring Prize in Horticulture: S. R. FLETCHER

The H. Wyndham Brown Prize (presented by the late Mr. H. Wyndham Brown for the highest aggregate in basic science subjects): S. R. FLETCHER.
Outside Work (presented by the Albert Molineux Trust): T. W. HEMER.

## FIRST YEAR STUDENTS

Dux of Year (Bronze Medal): D. C. STANLEY.
Second Aggregate Prize (presented by the College): K. A. CALLAGHAN.
Outside Work (presented by the Albert Molineux Memorial Trust): L. R. KLAU.
Agriculture (presented by the College): D. W. MADDEN.

# CURRENT EVENTS, 1957 

## FARM

During Spring last year silage stacks were made in West 8 ( 30 tons), Central 2 ( 40 tons) Central 3 (30 tons). Two more pits were dug in West 8 and filled with 200 cons of chopped meadow silage. harvested with the forage harvester. The South Silo, which had been used extensively by Dairy during the year, was filled with 133 tons of chopped cereal silage.

Meadow hay brought in during the last season came from E. 9 ( 41 tons), W. 6 ( 10 tons), E. 8 ( 75 tons), C. 6 ( 37 tons), W. 8 ( 1 ton), E. 4 ( 21 tons), S. 4 ( 31 tons), C. 11 ( 12 tons), giving a total of 10,700 bales.

A stack of loose hay was made in C. 8 with a Ferguson and a push-off stacker; 100 tons of cereal hay was cut from around the crops, 70 tons of wheat being cut with the binder; and 30 tons of oaten hay was baled.

Owing to the wet conditions that prevailed during seeding last year, much difficulty was experienced. The expediency of two tractors hooked together in tandem was resorted to on the boggier paddocks. After this there was rumour of an eight-horse team being purchased. However, this did not eventuate. Even though some paddocks were sown very late grain yields were again good last year. The total wheat yield from 203 acres was 6,887 bushels, which gave an average of 33.9 bushels/acre. Dirk 48 gave the most successful individual variety, giving just over 11 bushels/acre. 72 bushels of oats yields 3,099 bushels, an average of 42.9 bushels/acre, with Ballidu yielding 48.6 bushels/acre.

102 acres of barley (Maltworthy) produced a total of 5,186 bushels, giving an average yield of 43.4 bushels/acre.

The seeding programme for this year is as follows:

Wheat on fallow, 231 acres. Oats on Leyland, 107 acres. Barley on Leyland, 223 acres. Peas on fallow, 5 acres. 442 acres were sown with oats for grazing. The area of Leyland this year is 407 acres. Ploughing, although delayed by lack of rain, has been completed. The area under fallow is 388 acres.

At the end of last year a Hannaford Contractor ( 4 screen) seed grader was installed. This machine can grade 23-25 bags per hour. This promises to cut down grading time, but as the demand for graded seed increases the more seed graded cancels the time saved. Also an Allis Chalmers W. Speed Patrol Road Grader was acquired last year, and already the roads are turning into a motorists' touring Paradise.

The experiments conducted on methods of soursob control indicate that land autumnploughed, cuitivated through winter, and sown to late barley gave best control.

## SHEEP

The lambing results at marking this year were as follows: 463 Merino ewes mated to Merino rams dropped 376 lambs, which equals 81 per cent; 90 Half-breds mated to Southdown rams dropped 113 lambs, which equals 125 per cent. 69 Southdown ewes dropped 58 lambs, which equals 84 per cent.

The season has been very poor, and only hand-feeding of the ewes kept them in good enough condition to rear their lambs successfully. The stock is in good condition still, but numbers are being slightly reduced as the season progresses with little sign of improvement.

The College wool was sold at the November wool sales in Adelaide. Top price was $72 \frac{1}{2}$ pence per pound for 11 bales of AA. This was higher than last year's top, which had been affected by the grasshopper plague. However, this year, due to the poor season, 47 bales were cut, as against the usual $54-55$ bales. The hoggets were down in wool weight, approximately 2 lbs . per head. The increased price will help to compensate for the lower weight.

The sheep poulation at the College at the end of June, 1957, was 1,660 head, comprising 624 ewes, 66 rams, 196 hogget rams, 181 hogget ewes, 493 lambs, and 100 rations.

As yet there is nothing to report in the trial comparing visual selection, as against fleece weighing, as a means of selection.

## BEEF

The first drop of calves from "Ceremonious Discovery," the imported American bull, which is on loan to the College from Mr. W. J. Dawkins, Newbold Ltd., have lived up to expectations. They are a very good type, lower and thicker set than calves from the previous College bull. Another very pleasing feature is the good percentage of polls amongst the calves.

Cattle population at the College as at the end of June was as follows: Bulls 2, cows 24 , yearlings 14, calves 12 , giving a total of 52 head.

## POULTRY

Incubation commenced on July 25, with ten weekly hatches. A total of 3,458 eggs were set, of which 2,597 were hatched. This gave a percentage of 75.1 per cent. Mortality as to the end of October was 5.5 per cent.


## I. M. RICE-AGRICULTURE DUX

Ian has spent the greater part of his life on the family property at Dutton, being born at Angaston in 1937. He received his early education at the Dutton Primary School, later attending the Nuriootpa High School for four years. After gaining a District Scholarship he came to Roseworthy in 1954, where first he found life difficult. However, after three years of consistent hard work he rose from the twenty-third position in First Year to Dux of Third Year, gaining a Second Class Honours Diploma, winning prizes in Agriculture and Dairying. He is now employed on his father's farm.


## R. J. WILLIAMS-OENOLOGY DUX

Bob Williams was born in Gawler and spent the early years of his life at the College. He completed his secondary schooling at Unley High School, where he gained the Leaving Certificate.

He joined the merchant navy, serving on the Australian coast for the next five years. On leaving naval service he returned to College, where he completed his Oenology course with distinction. He gained second place in the First Year R.D.A. course, and was Dux in each of the Oenology years, graduating with Second Class Honours.

He was a keen cricketer and a good golfer, and was Captain of the Cricket team, winning the premiership in 1955-56.

He is now employed by Modbury Estate Ltả., a part of the Wynn organisation.

This year the poultry flock has consisted of 900 pullets and 300 second year hens. The 300 second year hens were flock-mated. The large number was to ensure a good selection of eggs for incubation. These were then disposed of, as it is considered uneconomical to keep second year hens in production. Half of the pullet fock have been fed penicillin, to observe its effect on them during their laying life. The rest have been fed the ordinary ration.

Improvements carried out this year were limited to the construction of yards around the remaining rearing houses. A new battery weaner was purchased to alleviate congestion in the cold brooding stage. Also new paths have been laid around the laying houses and the roads into the Poultry Section have been improved.

## DAIRY

On the afternoon of September 24 a thing that few people expected to see happened. The New Dairy was put into operation. The raised bails are equipped with an Alfa-Laval unit, and the ordinary bails with an Eclipse unit. Both are equipped with recirculating washing systems.

The average production for the 38 cows under official test was 7,274 lbs. of milk, 403 lbs. of butterfat, and 5.5 per cent. test. "Roseworthy Phillip Maiden" was the top Junior three-year-old, with a production of $9,660 \mathrm{lbs}$. of milk and 585 lbs . of butterfat.

During the year, owing to the dry year and lack of natural pasture, irrigated pastures and heavier hand-feeding of silage and hay have been resorted to.

## PIGGERY

Interesting observations were made early in the year into the skin condition of pigs known as Parakeratosis, which is sometimes referred to as pig dermatitis. This complaint has been found to occur in pigs receiving a dry grain ration. It can be prevented by the addition of Zinc Carbonate to the ration, to give a grain mix containing 200 parts per million of zinc.

On July 25 the boar Gatton Royal 295th arrived from Queensland. He shows extreme length, very fine bone, very light condition of the shoulder and jowl, but is inclined to be a little leggy. He should prove an excellent animal for improving the length of body of College pigs.

On May 9 a Large White boar was purchased from the Para Wirra Stud of Mr. S. L. Dawkins. This animal is an extremely ane specimen of the breed, having excellent length of body. He will be used for crossing with College Berkshire sows, to demonstrate the advantages and disadvantages of cross-breeding. It is also hoped to make observations into growth rate and compare these with the pure Berkshires.

In June the first of a series of feeding trials to be spread over a period of at least two years was commenced. In these trials growth rates of two groups of pigs will be observed, one group receiving the standard College ration of grain and meat-meal, the other group a higher level protein ration.

## VINEYARD AND ORCHARD

The season 1956-7 was particularly good, with high yields of peaches, apricots, and grapes. Yields of pome fruits were lower than the previous year, as this was an "off-crop year."

There are several trials being conducted at present They are as follows: A cultivation versus non-cultivation trial in $V$. and $O$. West. Two pruning trials, one of which is on rod length of Shiraz in V. and O. West. This is to determine the most economical length to leave rods pruned to in this area. Another trial is the effect of severity and delay of pruning time and topping on the effect of setting in V. and O. East. Investigations are being carried out on the varieties that will suit the sandy soil of this area best. Three or four varieties are showing promise, and more should be learnt after this year.

Work on the techniques of stratification of grape seeds, and the raising of grape seedlings is being carried out. There are very delicate and complicated ways at present, but hopes for quick and simple methods are high. This work is being carried out in conjunction with other vine-breeding activities.

The campaign against Gummosis and Silver Leaf elimination has continued to show signs of success. No Silver Leaf was observed this season, and Gummosis infection has been reduced to proportions which are far less than five years ago.

The new plantings of Pedro and Shiraz in V. and O. South have been trellised, and all the "misses" have been replanted. There has been an extensive programme of replanting "misses" and dead vines in all vineyards. There has been extensive replanting of the Reisling Black in V. and O. East. Replanting of the Variety Orchard has continued, and all unwanted varieties have been replaced. The old nursery block behind the cellars is now a Clingstone Peach Block.

## PLANT BREEDING

Recent trends in work on the plant breeding section iinclude an intensification of the work on certain quality aspects of wheat improvement, including increased inherent protein levels, combined, of course, with yielding ability; increased attention to oat
improvement, with more intensive testing of oat hybrids; and a reduction in the work on barley, in view of the extensive research and improvement programme which is now in progress on this crop at the Waite Institute and in the Department of Agriculture.

The 1956-7 season, in which both the total and "growing period" rainfall exceeded the average by over four inches, gave some splendid grain yields, and the protein levels and general quality characteristics of the grain harvested showed a marked improvement on the previous few years. Yields of 40-50 bushels per acre were common. On the other hand, the favourable season, absence of disease, and mild ripening period, provided no test for drought or disease resistance or agronomic characters.

By contrast, the present season, with its near-record low rainfall of 8.48 inches at the end of October, and a May-October recording of 7.46 inches, as against an average of 11.62 inches, is providing the best test for drought resistance for many years. In view of this, the general appearance of wheat and oat plots is very pleasing. Most have withstood the drought conditions extremely well, and the present estimates are that the leading hybrid varieties will yield 30 bushels/acre, or perhaps better.

Following the release of the variety Claymore early in 1956, on which some splendid reports were received after its first year in commercial cultivation, it is not expected that a further release will be made in the near future. Of some 100 hybrids under test, 25 of which are in their advanced stages, RAC 302 (Insignia $x$ Javelin 48), RAC 18 (Gabo : Cadia $x$ Sword), and RAC 200 (Claymore $x$ Bencubbin) are the most promising for possible release at this stage. RAC 302, in particular has out-yielded the prolific Insignia 49 by an average of over 3 bushels/acre during the last three seasons at College, and has also out-yielded Insignia 49 in two years of trials at Palmer and Minnipa. With baking quality as good as that of Javelin 48, this crossbred is certainly giving some cause for enthusiam.

The outstanding yield obtained in 1956 was 46.0 b.p.a. from the hybrid RAC 23 (Gabo $x$ Florence $x$ Dundee) - a lateish maturing type which was undoubtedly favoured by the long wet growing period.

The 1956 season was also ideal for oats, and some quite remarkable results were obtained from the oat grazing trials. Plots grazed once generally gave better grain returns than the ungrazed sections, and in two instances grain yields after one grazing exceeded 90 bushels/acre. Even in the sections of the trials which were twice grazed, inal grain returns of $40 / 50$ bushels/acre were common. As a dual-purpose type, that is, a grazing and grain oat, the recent W.A. variety Avon was quite outstanding, while the best of the hybrids was OXB 3 (Mulga $x$ Belyan) x Orient, and OXB 12 Orient x (Victoria x Richland x Boppy).


Dr. R. N. McCulloch, M. Papamiltiadous, F. M. Timberlake, T. J. Sobels.

## The Memorial Chapel

The Chapel was dedicated and the Memorial Plaque unveiled on Sunday, April 28. His Excellency the Governor, Sir Robert George, K.C.V.O., K.B.E., C.B., M.C., who had laid the foundation stone at Speech Day in 1955, kindly consented to attend the dedication service and unveil the Memorial Plaque The service was conducted by Ven. J. R. Bleby, then Chairman of the Gawler Ministers; Fraternal. He was assisted by two former students of the College, Rev. W. A. Terry and Rev. A. Gosse Hay.

The organ, an electronic reed instrument, presented by Mrs. R. J. Rudall in memory of her son, the late Lieut. J. G. Rudall, R.D.A., was played for the dedication service by Mr . Byron-Scott of Gawler.

The music and the whole service were amplified outside the Chapel. About 140 people were seated inside, mainly close relatives of ex-students killed on active service. The overflow congregation under the pines totalled about 350.

Since April there has been a service in the Chapel on almost all Sundays, attended by
students and by members of the families of some College officers. Mr. J. L. Mann has been tireless in his playing of the organ, an art which he developed from comparatively small beginnings. Ladies of the College community have provided, and beautifully arranged, flowers week by week.

The Chapel Committee furnished the building excellently. It has now everything that could be wanted, except furnishings belonging exclusively to one or other of the denominations. Some articles, it is expected, will be presented by members of those congregations.

The ground surrounding the building has been laid out ready to be planted with lawns and some trees.

The building itself has developed few problems. The extremely deep and strong foundations have served their purpose, in that no movement has taken place, in spite of the relatively great height of wall on ground that is now notoriously difficult.

The native limestone of the walls confers a look of maturity on a new building and is understandably greatly admired.


DAVID SCALES ("Dave"-Gilberton).
Pet Saying: "Hey, listen you fellers."
Theme Song: :"From Rags to Riches."
Activities: Athletics, cricket, football, being gullible, singing, being broke, looking further than his nose, not fixing the Lambretta.
Ambition: To get Jones to play sport.
Probable Destiny: Sports mistress.
RICHARD MAXWELL ("Condamine"--Yalgoo, W.A.).
P.S.: "Yes, but the point is."
T.S.: "Good-bye, Little Yellow Bird."

Act.: Football, tennis rough-riding, rounding up scrubbers, being a bushman, seeing the outback, keeping the Jawa running, sleeping, listening to "trilbies."
Amb.: Cattle king.
P.D.: Sundowner.

IAN DONALD ("Ian"-Glenunga).
P.S.: "Let me show you."
T.S.: There must be 99 ways."

Act.: Football, water polo, wrecking things, walking through closed doors, flattening the A7, used car merchant, going abroad, wrecking more things.
Amb.: Pure seed magnate.
P.D.: Successor to William the Conqueror.

TIM J. ROBINSON ("Big Tim"-Gibraltar).
P.S.: "I just don't say anything."
T.S.: "All Shook Up."

Act.: Cricket, all-rounder, going mad, swotting, panicking, being razzed, wonk artist, being wrong, unbalanced, gun shearing.
Amb.: Grazier.
P.D.: Psychiatrist.

## MELTON MOWBRAY ("Mo"- Kensington Park).

P.S.: "She's $\qquad$ . mm."
T.S.: "Some Enchanted Evening."

Act.: Football, golf, aths, Social Committce, being polite, looking smooth, making phone calls, planning successful evenings - and nights, an authority on the fair sex.
Amb.: Vet.
P.D.:Sugar daddy.

GUY BALLANTYNE ("Soapy"-North Adelaide).
P.S.: "Get some jazz into y'."
T.S.: "I'm Forever Blowing Bubbles."

Act.: Being artistic, organising things, Social Committee, flinging parties, being Bohemian, watching other people fix the Martin.
Amb.: Cocky.
P.D.: Newsboy.



PETER GRATTON ("Jack"-Edwardstown).
P.S.: "Look at Solly."
T.S.: "Singing the Blues."

Act.: Football, cricket, athletics, being serious, nursing Solly, shearing, lining up a woman, going to Loxton, Terraplaning.
Amb.: Salesman.
P.D.: Hawker.

ROSS SOLLY ("Shadowman"--Prospect).
P.S.: "Got a match?"
T.S.: "Mr. Sandman."

Act.: Footiball, cricket, being scrupulously tidy, shadowing Jack, cultivating a personality, getting blind dates, being sent by Glen Miller.
Amb.: Dairyman.
P.D.: Cow pat.

BOB LATIMER ("Bob"-Sandilands, Y.P.).
P.S.: "That's no - good."
T.S.: The Finger of Suspicion."

Act.: Football, tennis, aths, being gated, thrashing in the Dodge, kittying, admiring Dorset Horns, fly by night, sleeping it off, going steadily.
Amb.: Stud master.
P.D.: Red Poll.

VIVIAN THOMSON ("Vanman" - Great Western, Vic.).
P.S.: "All covered in schnoo."
T.S.: "Caravan."

Act.: Football, aths, gym, diving, hot plans, caravaning, being orgynised, fixing the Velo, swotting, being energetic.
Amb.: Mr. Universe.
P.D. Pune.

SIMON FLETCHER ("Simon"-Kenya).
P.S.: "She'd be a razz."
T.S.: "The Lost Chord."

Act.: Rifles, Senior Councilman, debating, being articulate, collecting phone bills, screaming, going wild, razzing, being academic, waking or being woken by Titus.
Amb.: Slave trader.
P.D.: Revivalist.

ROBERT ROBINS ("Audrey"-Junee, N.S.W.)
P.S.: "Why ask me?"
T.S.: "Party Doll."

Act.: Swimming, debating, motor bike dealer, being sarcastic, imitating Cliff, being eloquent, reading "The Southern Cross," getting letters, rough-riding, ex-councilman, doing a phantom.
Amb.: Auctioneer.
P.D.: Stan Freebourg II.



TREVOR HEMER ("Bill"-Brookland Park).
P.S.: "She's the most."
T.S.: "Home, Sweet Home."

Act.: Part-time student, fixing things, dining out, bustling about, tractorteering, Councilman, topping work marks (?), being helpful, ball decorator:
Amb.: Mixed farmer.
P.D.: Herpatologist.

BRIAN DUBOIS ("General"-Unley).
P.S.: "Quite hot."
T.S.: "We're in the Army now."

Act.: Rifles, being correct, rolling the Scout car, spending money, looking for the perfect woman, visiting Calvary Hospital, making statements, being militant.
Amb.: Fat lamb breeder.
P.D.: Field-Marshal.

JAMES McKIRDY ("King"-Mount Lofty). P.S.: "I'm always getting things pinched."
T.S.: "God Save the King."

Act.: Football, tennis, golf, aths, kittying, having breakfast with Vic Seixas, putting one over, gate crashing, motor bike bargains, being popular.
Amb.: To reign supreme.
P.D.: Cloudburst.

DAVID HATTER ("Skinhead"-Glenelg).
P.S.: "That's childish."
T.S.: "Silver Threads among the Gold."

Act.: Golf, water polo, being immaculate, trolling, being sporty, having one, having another, cavorting with Shearer.
Amb.: Station owner.
P.D.: Scalped.

CHRISTOPHER SHEARER ("Chris"-Hawthorne).
P.S.: "It's unbelievable."
T.S.: "Georgie Peorgie."

Act.: Golf, looking sporty, photography, selling Roto-balers, driving the Gee, knowing all, wearing XOS jumpers, liveweight gains.
Amb: Executive.
P.D.: Charwoman.

COLIN RAISON ("Conman"-Woomera).
P.S.: "I say, you wouldn't have . . . ?"
T.S.: "Confidentially."

Act.: Golf, magazine, Bond mining, jiving, aths, reading, fixing cars, being an authority.
Amb.: Globe-trotter.
P.D.: Rickshaw boy.



CAMPBELL PHILLIPS ("Bull"-Erindale)
P.S.: "It's bound to be a dob."
T.S.: "I've got Sixpence."

Act.: Football (Capt. B grade), cranking the
Austin, collecting old batteries, planning goat farms, visiting heights, heralding ihe dawn, having theories, being Scotch.
Amb.: Farmer.
P.D.: Farmer.

IAN EDWARD THOMAS BRITTEN-JONES ("Jones"-North Adelaide).
P.S.: "Down the Head they reckon."
T.S.: "Drink to me only."

Act.: Rifles, being one of the men, baiting Scales, having a thirst, being broke, spine bashing, wearing the quick-exit clothes, being involved, auto wrecker.
Amb.: To retire.
P.D.: Back bencher

JOHN GOODE ("Jack"--Syclney).
P.S.: "She's right."
T.S.: "Ain't Misbehavin'."

Act.: Football, water polo, arriving back late, riding the Jawa, being forbidden to ride the Jawa, having haircuts, misplacing shadows, theorising, late nights.
Amb.: To stay out of trouble.
P.D.: Harlem Globe Trotter.

RODNEY PFEIFFER ("Rod"-Renmark).
P.S.: "Gotta have the odd weed."
T.S.: "Old Man River."

Act.: Cross-country running, following the sport of kings, looking after the two kids, filing things at $V$. and $O$., not sleeping, being amiable, following hit parades, weing composed.
Amb.: Ag. teacher.
P.D.: Wreck.

BOB MacMAHON ("Nedman"-Mt. Barker).
P.S.: "She's the thing to do."
T.S.: "I bet my money on a bob-tailed nag."

Act.: Punting, buying heaps, being infantile, having an elastic face, being raucous, depending on Rodney, collaborating with Strachan, having words with Mr. Bussell.
Amb.: To be a man.
P.D.: Totalisator.

BOB STRACHAN ("Taminga"-Renmark).
P.S.: "Not very cheesed."
T.S.: "I'm a Lonely Little Petunia."

Act.: Aths (champ.), football, cricket, leading a one-man mutiny, getting boxed, being demonstrative, hoeing V . and O ., siding with Ned, being in Funny Company.
Amb.: Nurseryman.
P.D.: Rotary hoe.



PETER MOWATT ("Pete"-Belair).
P.S.: "Fair enough."
T.S.: "Cock o' the North."

Act.: Football, cricket, aths, concurrent iove affairs, borrowing things, organising things, reading condensed novels, having late nights, spine-bashing.
Amb.: Department officer.
P.D.: Earth mite.

TIMOTHY ROBINSON ("Titus"-Naracoorte).
P.S.: "Y' can't win, I tell y'."
T.S.: "I'm a big boy now."

Act.: Rifles, water polo, thrashing the CZ, tinkering with radios, being cynical, growing up, being shy, chasing hares, avoiding women.
Amb.: To find something that meets with his approval.
P.D.: Unfruitful search.

LEITH WALLACE ("Tuffy"-Berri).
P.S.: "Don't strong-arm me."
T.S.: "I don't wanna play in your yard."

Act.: Rifles, judo, being a man apart, going to Wasleys, extended phone calls, being persecuted, resisting, defying authority, being late.
Amb.: To leave R.A.C.
P.D.: Hermit.

MELETIOS PAPAMILTIADOUS ("Pappy-
Cyprus).
P.S.: "Yes, boss."
T.S.: "Drink! Drink! Drink!"'

Act.: Playing billiards with "Charlies," learning English, looking sick, thinking, geing to Gawler.
Amb.: Winemaker.
P.D.: Understudy to Bacchus.

JOM SOBELS ("Jim"-Roseworthy).
P.S.: "Now, when I was a first year."
T.S.: "I'm looking at you thro' green-coloured glasses."
Act.: Golfing occasionally, still Rotaiting, going home, coming back, finding out things, going incognito, going to breakfast, tasting. Amb.: Waiting to retire.
P.D.: Waiter.


## STAFF

## NOTES

This annual piece of nonsense must start on an unusually sombre note.

We have to offer our sincere sympathy to the McKeown family upon the loss of ineir house and possessions. This is a staggering blow; we feel that, so very often, the destruction of those small personal things which accumulate in the home over the years, and the books and the private and business papers and records may be felt even more keenly than the loss of far more intrinsically valuable furniture and appliances, and even clothing, which, more or less easily, can be in time replaced.

Our very best wishes for the immediate and the distant future to N. and M. and V. and Snowball the Dog.

## SORROWFUL FAREWELLS

OATES-The most notable of the changes. After years of strife, Jack has hied himself -and his delightful family-away to the City. Peace be unto them!

The housemaster's is a somewhat thankless task. . "cannons to right of them, cannons to left of them, cannons in front of them . . " and Jack Oates grappled with it in a workmanlike manner. Not being a celestial visitant, he was quite unable to please all the people all the time (in the nature of things, a housemaster has to trample on many corns -and not only students'), but he battled on valiantly, and we all regret his and Mrs. Oates' departure.

From recalcitrant boys to recalcitrant parents.
Too bad the former will no longer be able to exercise their literary ingenuity on the library calendars and the leave book (in that one direction, at least). The new Housemaster's is hardly a name to be trifled with.

TULLOCH-Having seen the prophetic writing on the oenological wall, Harold the Tub very wisely betook himself to the Barossa vineyards.

GURSANSKY - John also preferred the lights of Nuri. Probably it occurred to him that there would be more eligible maidens over there than in Roseworthy.

By the way, wasn't it our worthy Editor (or co-Ed., or something) who, upon one auspicious occasion, garaged John's RollsRoyce in the main College building?

MAYFIELD-Grant, concluding that his increasing girth demanded some real work to counteract it, wandered south, where, so we hear, escaped from the protection of his College mates, he got himself engaged. Well!

KUCHEL-A sort of part-time departure. Braving Turk and Greek and Terrorist (and also possible temptations from the Phocas-

Djevdet clan), Rex has flown to bring order out of chaos in the Cypriot vineyards. We wish him a happy, instructive, and altogether successful tour, and look forward to welcoming back to the College this pleasant family in two years or so.
'The best of luck to all these people.
These notes would not be complete without a tribute to our old friend, that genial driver of transport, Fred Copson, who had been with us for so many years. Two serious bouts of cardiac trouble forced him to leave College. It would be quite fatuous to wish him a complete recovery, but we do sincerely hope that, with an easing up in physical labour, he will live well into the future, not without comfort.

## IMPENDING FAREWELL?

Our Cessie is sporting a ring.
Well, blow us tight with an air compressor! Up the Souths!
(We can say one thing at least for the Welsh-they take their disappointments like men-even if they do fly home to their mothers.)

## VIGNETTE

Did you know? Our one and only B.B.C. now has a ginger (or--should we say?--permanently amber) siren to share his lonely, carpeted boudoir. She possesses that inestimable virtue-in a woman: she can't answer

## WELCOME ARRIVALS

A little Fat, a little Economist, and a Dodson to the fourth power have come to town. May the first ultimately attain a chest (or possibly tummy) development like unto that of his genial father; let us hope the second is kept warmly tucked up in first-class balance sheets; as for the third, well, it looks as though we shall have to think of the nth power.

And now we have a new occupant of that staff position most in the public eye. 'Gene Hiddle, the Housemaster. We welcome him and his family and we give him our sympathy and our very best wishes for his success in that onerous job (and yet, is it such a big change for him? Just from one Children's Welfare Department to another). We very much regret that his first week was overshadowed by a family bereavement.

He had a great deal to do with the organisation of the Royal Tour. Who knows? perhaps he will now direct his undoubted ability to - and to - and to - around the College. Had we known the gentleman better, at the time of writing, we might have perpetrated some doggerel of the "Ehh, diddle, diddle" variety. As it is
*

Another Third Year - this time in a ioigended Morris. Good gracious, one would have thought Authority would have been sick of them. If you like a little alliteration, then, alluding to a certain period in his College career, we might call him C.C.C. - Crew-cut Cree.

May his dealings with College livestock int him for future operations on the heathen.

It is a far cry from the University of Stuttgart and the waters of Baden-Baden to the China tea of the College but Max Loder has made it. An expert on the bees and the flowers and things. Maybe the Horticultural Section can do with some of the world-renowned German industry and drive. (How the Captain will like that bit we don't know. Let's hope his rage will not catapult him from that little buzz box - again).

A blandly smiling, good-natured, monstrous man has descended upon us from King's Cross.
A. P. rumour says he is here to probe into our fleeces or for some such revolting purpose. We don't know, though; nobody ever does know what goes on up there.

It is a remarkable coincidence that that middle room on the western side of the Staff Quarters had, for so many years, been occupied successively by huge, happy, noisy men. And now it stands in its empty gloom, brooding upon the past. Wot, no more Fatties?

By the way, have you heard this one? "Once upon a time there was an old sedan called Graham
Hot rod, indeed. We might name it, more appropriately, hot rad. But a piece of supersalesmanship, don't you think - what? And all parties satisfied? Good mahn.

Thoughts of Geoff Ford have inspired our attendant Muse. She's tickled pink. Listen.
A. A. Milne might have written this in one of his lighter and least poetic moments ( . . . he didn't):

Graham . . . Paige . . . Geoff-er-y Ford when he was only three,
Climbed aloft to a dizzy height to sit on his nurse's knee. But his girth, even then, Was the girth of two men. So he wobbled and shook, Then a header he took
And the earth slung a sock at his conk.
Poor . . . dear . . . Geoff-er-y Ford, Spilling out brains all around,
Lost his wits for ever and aye (they probably sank in the ground). So that may be why, When he opened his eye, He cried to his Nan, "Gee! Vhen I'm a man,
I'se sure gwine to play on a Wonk."

Wonk and Uke and old washing board, sticking like glue to this man, Aroused the ire of the bachelor staff who placed thereupon a black ban.

So Geoff moved upstairs
To the little boys' lairs.
Now, each night thro' those halls
The Councilman bawls,
"Go bury that _- old Wonk!"

## EPITAPH

Here lies the Wonk of big Geoff Ford.
Some dirty old gentleman severed its cord;
So straightway to Heaven (?) its liitle soul soared,
Awaiting re-union with Archangel Ford.
L'ENVOI
"There's an organ in the Chapel, there's an organ, mother, dear;
Continuously it seems to blow throughout the gawddam year.
I wonder if some T.N.T. inserted in a reed
Might satisfy the Students as a very pleasant deed?"
Aw, shut up . . . play it yourselves, then.
Sorry, we are now completely exhausted. Good-bye, everybody, good-bye.

## LATE NEWS

Since the writing of the main body of these notes two other Staff people have gone or are in the process of going.

Doug Mellor, after some twenty years at College, has deserted the Service for private enterprise-tractoring, we believe. His principal positions here have been Farm Superintendent and Lecturer in Farm Engineering; he has filled others as temporary measures. With that long span of service he must surely be considered as having been one of the corner-stones of the College, together with our revered Secretary-and, of course, the Dalys. This will seem a strange place without that well-known, solid figure.

Personally, his occasional motoring advice has been much appreciated. Even massive Italian cars become cantankerous at times. (The students have no monopoly of that trait.)

Martin Dodson, the New Zealander from New Guinea, joins the Department in Adelaide. At the moment of writing he is suspended, as it were, 'twixt heaven and the earth (or, more appropriately, perhaps, between the devil and the deep, blue sea). Everyone, we think, will regret the departure of this friendly man.

Our Martin possesses one well-known, traditional professorial attribute. After his final transition, we feel sure that not one of the A.P. magnates would be surprised to see him roll up there at nine o'clock one morning, completely oblivious of the fact that he had indeed a new job.
We need hardly use up space in sending our very best wishes to these two families.


We, the last of the old regime, are due to pass on. Looking back, we think, not without a littie affection, of our past three years at R.A.C.: our early struggle for existence; then our acceptance as students when officially welcomed at the First Year dinner; on through Second Year; and finally this our third and last year.
We lost a few by the wayside, but emerged with 22 of our original 31, plus 5 extras gained in Second Year.
To say we are the last of the "Old Regime" means that we are the last year that were received into the College with full College honours, but owing to the fact, it seems, that the recent years were made of lesser stuff, or that the age of tradition has passed, we have been unable to confer the "honours" further
Our representatives on the S.R.C. this year were Simon Fletcher (Senior Councilman) and Trevor Hemer. These men have carried out their duties well, and have helped steady the bond of justice on several occasions.
In College sporting activities we have held the forefront, as befits a senior year, and our prize list is long and notable.
Blues were gained by Brian DuBois for Rifles and Sandy McKirdy for Football. Congratulations to both.
On the football field Bob Latimer captained the League team, with Sandy as vice. Bob won the "Most Consistent" prize for the season, with Viv being awarded for the "Best Team-man," and Sandy runner-up for the Tim Dunstan Trophy.

Campbell captained the B grade, a new team which did well in its first season. Campbell
won the "Fairest and Best" trophy for the team, and Jack Goode the "Most Consistent."

In Athletics Bob Strachan is to be congratulated on being Champion Athlete for 1957, with Jack Gratton as runner-up.

The year carried off the Inter-Year Shield, which made Sports Day a very successful day indeed.


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The Inter-Coll teams this year were well supported by us, and quality was lacking, though we had good competition. Dookie, however, got in front in all games. Rifles, tennis, and football-we had three seconds. The rifle team went to Hawkesbury with Brian DuBois, Tuffy Jones, and Titus; while the tennis team had Sandy and Bob Lats. A good time was had by all.

The Dookie football team visited us in July, and although their stay was short we had pleasure in entertaining them during that time.

The Northern trip proved very instructive, and much was learnt during the tour, namely, stud breeding and management, a new occupation called Bullo, how to get the most out of small-town picture shows, and that wethers are not used as stud rams.

The two College balls this year were a credit to their organisers, and we might add that the artistic touch added to the spring ball was a pleasant change. It has been said that some people had very little sleep that week-end: perhaps it was spring fever.

Transport has been a little erratic this year, as various oddments have fallen out of odd machines. The Goode MeMahon syndicate ran out of forked sticks, even though it did acquire a bee hive, and the General pranged the Scout car, sustaining injuries to Jones, who now is enjoying one of his favourite occupations, spine-bashing.
Bill's acquisition of an $8 / 40$ ute increased his mobility to the extent that he is a very hard lad to find, though he does visit us occasionally.

Motor cycles have been popular all round, although "certain antics on wheels are strictly
forbidden," e.g., chasing hares in College
paddocks.
Now, with the South-East trip looming up and our closing days approaching, we begin to think of next year-where we will be and what we will be doing: few know, but we all know that we will never forget R.A.C. and what it has done for us.

## Horticultural Notes

After the very small patronage $V$. and $O$. had last year, the invasion of this year's horts drove Mr. Matthews to seek some assistance. This came in the person of Mr. Max Loder, of foreign import and wide botanical knowledge, but who rapidly made himself at home by scattering $V$. and $O$. with compost heaps and the Principal's back fence with bee boxes. Anyway, we welcome Mir. Loder, and hope he soon becomes acclimatised to R.A.C. chaps.

The Third Year Horticultural course commenced with three members, Rod Pfeiffer, Bob Strachan, and Colin Raison, all from the River, and so well versed in River dogma that Mr. Matthews found it difficult to convince us there was such a thing as a non-irrigated vineyard.

In July we accepted an invitation extended by the Rowlands Flat Agricultural Bureau to prune in their district pruning competition. We gained quite a few places, with Bob gaining a good first in the pome fruits. We think, however, that the liberal dispensing of the product of the vine redoubled all efforts to do well, so that more of such fine liquor could be produced, "already yet." We thank Rowlands Flat for the day, and not forgetting their annual social, at which the prizes were duly presented.


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After Rowland's Flat we then ventured south to McLaren Flat, where we pruned at the State Championships. This was a very interesting day, and the picnic was enjoyed by all, even if they were the wrong sort of tinned peach. After a short dash around the Showground we repaired to a more rustic setting, to discuss the merits of discs and pots and jugs and things. "I'm hungry."

October 31 saw us off to Blackwood Experimental Orchard, where Mr. Cowley described the work being carried out at this station. In
the afternoon we spent a very interesting time inspecting the Botanic Gardens, under the direction of Mr. Frances, but we have to ignore Mr. Loder's allusions to pine trees.

There are more trips to go, but not before we go into print. The Adelaide hills and the markets are yet to be stormed

We have had an enjoyable year at $V$. and O., as well as instructive, and we thoroughly recommend it to all who come after, even if only for its entertainment value. Look out, Mr. Matthews; it's a "no road"!

## FIRST YEAR NOTES



BACK ROW: F. I. P. Pettingell, A. N, Beach, R. J. Ramsay, R. W. Radford, P. Young, J. W. DeL. Bartlam, A. Grieve, B. J. Merrigan, G. S. Hincks, P. B. K. Pitt,

SECOND ROW: S. L. Tan, M. B. Turner, P. J. Loney, J. M. Woodward, D. J. Warner, C. B. Sumner, K. J. Holden, D. J. Ritchie, J. R. Taylor, I. Young, R. K. Evans,

THIRD ROW: J. R. Forder, P. M. Brown, D. O'H. Finn, A. D. Aitchison, R. J. Ford, L. H. Moulden, J. M. Obst, P. G. Lock, R. P. Coleman, R. J. S. Buckett, T. R. Loxton, SEATED: J. G. Millar, L. Yelland, I. R. Mosel, T. R. Sage, A. P. Hart, Dr. iR. N. McCulloch (Principal), Mr. E. H. Hiddle (Housemaster), R. W. Jeffery, G. P. Fromm, J. D. Gregg, S. A. Mackenzie.

At the beginning of this year 44 complete outsiders arrived to break the sanctity and peace of the College. Now, well through the second session, they have managed to work their way by devious means from the outside in, and consider themselves as much a part of the place as first years may ever be. They include many unusual characters, such as "Long Drop Pitt" and "Short Drop Buckett." There is also one who is noted for studying with his feet apart, as well as Moe, Jungle, Blue, Mac, and several Dicks.

From many quarters came sighs of relief at the banning of . . . er . . . preliminaries, but even so, we didn't escape entirely, if only for the sake of tradition. Any hardships, however, were eased considerably (to borrow a
phrase) by the beauty of the Blossom and the singing of the Cherub.

We are rather proud of our efforts in the field of sport, as we had three, Barry Sumner, Des Warner, and Ross Ford, in the InterCollegiate tennis team, and the winner of the Best and Fairest football player, John Obst, is one of us. We had six in the first football team, and a large representation in the seconds, and have many budding cricketers amongst us.

Our efforts with the candle and the bag on the dining-room floor, although failing to bring down any stewards at meal-time, were more than rewarded by the entertainment offered by the College Ball, and not a few of us didn't get to bed until the early hours of the following morning.

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## SECOND YEAR NOTES



BACK ROW (left te right) : L. R. Gill, M. Hoskyns, R. J. Downward, D. C. Stanley, G J. Martin, D. W. Madden.

SECOND ROW: D. J. Binns, N. J. Gilbertson, M. J. Diener, G. McK. Hosking, I. H. Newland, J. W. Battye, J. L. Lambell.

THIRD ROW: I. W. Magarey, L. R. Klau, M. C. Deland, T. R. Davidson, R. P. Freund, C. R S. Saunders, R. J. Hall.

SEATED: J. C. Fuss, N. A. Barrett, A. O. Findlay, D. G. Rice, Dr. R. N. McCulloch, (Principal), Mr. E. H. Hiddle (Housemaster), S. E. Krichauff, H. J. M. Hole, N. E. Matz.

## We're a mob of farmers Farmers are we We're from the College:

To the strains of that melodious old song the members of Second Year pause to take a bow. Having scraped through last year's finals and chem. earlier this year we, more or less, remain intact. But alas! it is here with great regret we solemnly recall the passing of our beloved Rosebud who no longer "blooms" in our midst. Medicine and the Mulga claimed two of our more learned colleagues.

At the same time we welcome three equally bright, young, hopefuls in Dru Findlay. Ying Fong Battye and Spike Deland. Although they found life at R.A.C. Corridor a little strange and hectic at first, they soon settled into the old routine.

Regardless of these incidental changes you may be pleased to know that we are carrying on the job in the traditional Second Year spirit.

The year began with a little uncertainty about our living quarters. We moved to the
huts in late January and then, some five weeks later, back to the Corridor. You may also be interested to know that the longpromised reconditioning of the corridor, a new roof and the strengthening of delapidated.walls, has at last been realised. Some of our supposedly "brighter" members took up residence in the palatial, new Accommodation Block.

There is perhaps a little unrest amongst us about a few matters. A constant topic of discussion is the practical application of some of the theoretical work we are learning in lectures. Consequently there is a belief which is springing up amongst us that there are two types of farming; the theoretical R.A.C. and the practical L.S.D.

Our recent trip to Turretfield showed us that in the hands of the experienced farmer this theoretical knowledge could be applied with satisfactory economic results. We maintain that theory is all very well but economic success determines farming practice. However, it is perhaps unjust to be too eritical at this half-way stage and it may be better to make our final decision at the end of Third


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Year when we have the complete picture. Incidentally we enjoyed the visit to Turretfield very much and would suggest that we be allowed to visit more of these Field Days if possible in the future.

Our sporting heroes have had their share of success this year. Dave Stanley was appointed Captain of the Intercollegiate Rifle Team and we all congratulate Dave, and also Max Hoskyns on their success in the Rifle Club this year. Jack Fuss, Droopy Downward, Noel Matz, Don Rice, Greg Pettman and Charley Saunders defended our honour on the football field with the League. Tex Magarey must also be congratulated on his being appointed vice-captain of the $B$ grade team. "Kid" Gilbertson has not gone unnoticed on the fair-ways this season and has been turning in some exceptionally good scores lately.

Our sporting interest is in no way confined to those "conventional" sports played at College. Tex had recent success at Marrabel. Unfortunately Droopy was not his hard-riding, high-looking self. Needless to say he was not the only one.

Apart from the usual heated discussions as to whether the new ZAC-TRAC D.D.D. SPECIAL will live up to expectations there has been a wide variety of non-stop entertainment going on in the Corridor this year.

Our "High Society" boys have been "romp-
ing and stomping" in room 26, not without some opposition from Strawb., who still prefers Beethoven to Bop. Maestro Max has taken over top billing in the absence of little Richard, who is at present holidaying in a well-known Adelaide suburb. These jazz conventions are often interrupted and as the boys go into a hot rendition of "Beat Me Daddy, Eight to the Bar" the elear bathroom tenor of our Crooning Kid hits top C , shattering our Hi-fi record.

We all troop over to 24 and tune into Kid's frequency and "dig" his improvisations on an old theme "Lily Marlene." Moreover Gentleman Jim (from you know where) politely assures us that since the hour is late, the ienants are not at all "Hep" to this crazy music, and says that they, especially our Army wallahs, require their beauty sleep - and how! Considering this somewhat weighty argument we pack up and go on "Jelly, 'cause jam don't shake that away, Stomp" and call it a night. And so at last all is quiet.

We have been critical of both our course and Superiors in the passing year. We also realize that we have made many mistakes ourselves. Next year should remedy our complaints, and, with the continued help of a hopeful, patient staff, we should progress a step further along the road to becoming not only knowledgeable farmers, but also responsible citizens, well equipped for the future.

## OENOLOGY AND DAIRY NOTES

Sometime during May, in reply to an S.O.S. from our Alma Mater, "The Last of the Mohicans" (two plonkies) staggered back, modus operandi, to finish the course and to complete the College numbers. The core consisted of Meletios Papamiltiadous and young: Jim Sobels.

Our numbers soared by 50 per cent. when we found that we had a "cheesemite" to contend with.

It is a sad fact that these two courses are lacking outside interest and support. (Can it be through lack of incentive, or have we reached saturation point?) In fact, the Oenology course looks like going into recess for a while! Any way, drowning our sorrows in good spirit and milk (resp.), we pressed on regardless.

On taking an individual look at each other, we have:

Pappy, who hails from Cyprus, and who has been in Australia for six years, the last two being spent here. He's a very likeable chap, and we soon found that he was not as quiet as first thought. Mysterious trips to town became more mysterious!!
After following the other half of the front page, with deliberation and much calculation, he has had, from time to time, fluctuations in fortune. (This is all worked on a system which works "like a b-hell." In fact, it is "a little beaut.")

Quite often he has assumed the role of a radical nationalist, and expounds many theories on the home situation.. His associate has had to bear the brunt of it all, and has been involved in many endless arguments.

Apart from breaking a beaker or two, staying at - places (?), emptying glasses, being shrewd, telling stories of Cypriot lore, and looking and thinking like one, his activities are unknown.
He is yearning to get back home, and we wish him the best of luck for the future there.

His ambition is to own a large winery and retire, but I don't think he'll live that long!

Jim S. has entered his fifth and final year of decrepitation, and through experience has been able to guide various people on the narrow, but not necessarily straight, road.

On shifting into the new building he found that the accumulated junk occupied the best part of two rooms (much to the consternation of one Uni. bod.)

Still in his element amongst the chemicals, he again turned conventional science into an uproar.

Bad days, getting up, going around incognito, sneezing, playing bridge, gleaning news, cursing Pfeiffer, arguing with Milt., walking with toes straight ahead, have been some of the characteristics by which we have known him. "Jimmy, my boy; Jimmy, my lad!"


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Projects this year were not carried out as in the past, due mainly to lack of suitable subjects. In their place we are working on subjects which are new to the industry. Included are many of the resins. (These have really been exhausted, and we can only hope that "Mr. Permutit" will benefit.) Work at the moment is on "Antifer," "Aferrin," and "Decolorite."

Trips this year have been few, and include the Clare area, Waite, Tarac, and later the River. We also spent an interesting few hours at the Wine Show.

Although moderate at all times, during the last few weeks, owing to a misunderstanding, we have become somewhat T.T.'s. Extraordinary!!

The lone star of "The Cheesemites," Malcolm Timberlake, hails from McLaren Vale. He previously was studying telephonic work, but somehow the wires crossed.

He has been in perpetual fear of scholastic
results, and was frustrated to find that the syllabus contained umpteen subjects, with at least two being done at the same time. I understand that this has been straightened out now by simply not going!

His means of transport runs to a Velo. This machine has been in some odd places, towing some odd things.
The fairer sex seem to be his main worry, and both plonkies have been entertained with some sweet nothings from his "shiela."

Practical days in the factory have been limited this year, but his assistants have been a thorn in his side. Do you know there was one fella who couldn't even get hot water out of a hot water tap? (Thinks: Maybe the Ag. lads aren't entirely adaptable to butter-making--unthinks.)

During the year he has accompanied the Third Year on some of their trips, and has also attended the Cheese Conference.
E. \& O.E.

## 'VARSITY NOTES

We thank R.A.C. for a year made memorable by extremely cordial staff-student relations. Particularly would we thank the Principal and Staff - fine lecturers, fine personalities.

We have known six years of Roseworthy students, and are agreed that the present combination ranks among the best.

During the early part of the year, our activities demonstrated the extreme fragility of the plaster and glassware of the huts. Any depreciation of them would have been more than offset by our zeal in ballasting a suspect roof.

Our evenings there were noted for their conviviality. One such evening was prematurely disrupted by the loss of a dizzy "babe in the woods."
It is rumoured -
that we have wrought technical changes in the realms of animal calorimetry previously thought impossible. Bomb shock in R.A.C. dept?
that a sign bearing the cryptic inscription "Coopers Ale" was found one evening in the room of H. S. K. Rightful owner?
that I. S. R. (Graz.) of Waikerie fame, has a peculiar taste in nats.
Mr. B. (Ruakura) Bussell is in the "industry."
We think we are right in saying that Mr . Mellor knows his mouldboards.
It has come to our notice that Dr. McCulloch was gravely shaken, or something.
Substantially, or put it this way, "basically" Mr. Leske is perhaps
Mr . Hooper believes that if we don't get a few inches of rain soon we could strike strife.
Mr. Matthews continues to question the cuboid cranium's resistance ability to withstand severe bangs.
We might add, the point is, Mr. Dodson is so insidious, d'you see!
Anyway, we hope you've enjoyed our company - we've certainly enjoyed yours.

## Exchange List

THE DOOKIE COLLEGIAN CANTERBURY AGRICULTURAL COLLEGE MAGAZINE HAWKESBURY AGRICULTURAL COLLEGE JOURNAL
NORWOOD HIGH SCHOOL UNLEY HIGH SCHOOL ADELAIDE TECHNICAL HIGH SCHOOL MAGAZINE
SAINT PETER'S SCHOOL COLLEGIATE MAGAZINE
PRINCE ALFRED COLLEGE WHYALLA TECHNICAL HIGH SCHOOL MAGAZINE

GAWLER HIGH SCHOOL BIRDWOOD HIGH SCHOOL GLOSSOP HIGH SCHOOL THE TORCH (Teachers' College) THE BROWN AND GOLD (Concordia)
THE PARINGA HALL COLLEGIAN (Sacred Heart)
KADINA MEMORIAL HIGH SCHOOL KING'S COLLEGE MAGAZINE SCOTCH COLLEGE MAGAZINE RENMARK HIGH SCHOOL PULTENEY GRAMMLAR SCHOOL URRBRAE AGRICULTURAL HIGH SCHOOL


## NORTHERN TOUR

With a certain amount of misgiving we loaded our gear onto the bus on Saturday 1st June to begin the long awaited Northern tour. At last everything was apparently safely on board and securely tied down. Despite our care, one gentleman's case did come adrift and was pushed into a peculiar shape (concave it is said) and the contents bent a trifle. Nevertheless, those shirts smelt rather good.

A view of the pastoral country was a completely new experience for most of us as was a station property such as Koomooloo. Mr. Warnes began by giving us a brief account of his property and the conditions under which stock are raised. Feed was dry but zor all that, good for this time of the year.

We took a short trip over a small section of the property in order to look at watering points and examine some of the different types of vegetation. On our return, the shearing shed, yards and dip were the centre of our interest, while Mr. Warnes elaborated somewhat on the general operations of their sheep husbandry.

The night was spent in the shearing quarters and being in high spirits some indulged in cards, some indulged in spine bashing while some who were not quite so sure just indulged. To show their willingness to comply with orders, the breakfast team stayed awake all night with the sole object of having the meal prepared on time. The fact that they "beat the gun" found the staff members as late starters - the privilege of office no doubt.

To preserve our unblemished record we pulled out of Koomooloo on schedule in the morning to arrive at Bungaree East just before lunch. We were able to make a thorough inspection of the "Grasslands" Aorage harvester and later Mr. S. Hawker was able to give us some idea of its performance and the finished product. It was significant that they were feeding silage to their sheep at the rate of 10 lbs ./head/day.

Later in the afternoon we were fortunate enough to see sheep which are the product of many years of careful breeding and good management. Mr. Hawker was able to outline the breeding programme and flock management which enables them to produce sires which surely must rank among some of South Australia's best.

In the evening we accepted the generous invitation to see, at Belcunda Homestead, some films which were taken overseas and on the property itself. An appetising supper finished off a most enjoyable day.

On Monday we made our way to a property some miles out of Mount Cone, to be met
by the owner, Mr. Dave Thomas, and Mr. MicCauliffe, a member of the Department of Agriculture. Between them they gave us the history of the place, and especially the depletion of soil fertility, due to a wheat-fallow rotation, accentuated by the drought of 1944-45.

Mr. McCauliffe also told us of the suitability of various strains of sub-clover on different soil types in that area. Considering the original condition of the property, and its present productive capacity, one couldn't help feeling that it was a credit to both the owner and the work of the Soil Conservation Department.

Even though the owner of "Ashrose," Mr. Ashby, was not able to be present, we were able to spend a short while there and examine some sheep that had been yarded for us.

Despite the fact that this stud has been established for only a comparatively short time, remarkable progress has been made. The original ewes were of Collinsville blood, but have been mated to Bungaree rams. The progeny are noted for large, soft heads and good body size.

From "Ashrose" we travelled to a mixed farm owned by Mr. Thomas, running Merinos, Jerseys, and pigs. We learned that the herd consisted of fifteen cows, including the top producer for the Northern District. Grazing was supplied to a certain extent by five acres of lucerne, irrigated from a permanent stream running through the property.

Mr. Thomas had only recently completed a new set of sties for his pigs, and we were amazed to find how cheaply he had been able to accomplish it. Also surprising was the fact that on frequent occasions the pigs were fed on kangaroo, and it was here that Campbell paid rapt attention. We now hear that zinc plates and goat farms are strictly out of vogue.

Mrs. Thomas endeared us to mixed farming for ever by providing a welcome change from our usual College fare. It is rumoured that at this property that one gentleman had difficulty with a hat of rather doubtful shape. Student benefits?

It was then that we took up our role of "Pitt Street graziers" and installed ourselves at various hotels in Jamestown. It was there that friend 'Arry introduced us to the noble game of "Bullo." After considering the name we concluded the game to be 'Arry's personal invention. Another of our number apparently tried to pull a few strings (guy ropes, etc.) at the Globe, but the publican wasn't having any. He'd been to Scotch, too, y'see.

We also came to the conclusion that Mr . Hooper was labouring under the misapprehension that our eyesight was defective in some way or other, since we were requested to "Luk here" at frequent intervals, which of course we did.


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The following morning was spent at Mr. Lloyd Jeffries' farm at Whyte Yarcowie, where Mr. Matheson, Soil Conservator for the district, gave us some general principles in correcting erosion. He outlined the classes into which land is divided for this purpose, and was able to illustrate this somewhat by referring to the topography of Mr. Jeffries' property.

We moved on in time to have lunch at "Old Canowie," owned by Mr. John Parker. We were extremely grateful to Mrs. Parker for replacing our normal ration of canned dog with some delicious soup and scones smothered in cream.

We began by having a look at some of the sires which form the nucleus of his polled shorthorn stud. Mr. Parker explained that his object was to breed polled animals with the constitution and conformation of the horned type. At the same time, however, it was sometimes necessary to cross back to horned blood to keep body type up to standard.

And so back to Jamestown. Since all work and no play tend to make Jack something of a square, some members of the party frequented the local theatre in the evening. After some time, however, the antics of a person known to us only as the "Mad Pom," made us realise that this worthy was the greater in entertainment. At interval he had the celluloid monster whipped into a cocked hat. Tally-ho!

Mrs. Robinson's Jersey stud at Mannanarie was our first port of call the following morning. Mr. David Robinson got us off to a very brisk start by explaining both the good points and the faults of each of the animals he had lined up for us. Perhaps one of the most useful pieces of information he gave us was a definite outline of what he considered to be the typical Jersey animal with relation to the Northern area. Mr. Robinson concluded by describing the procedure which must be carried out to bring animals into show condition.

The afternoon found us at Yongala, to visit the holding of Mr. Don Cram. Immediately on arrival it became obvious that Mr. Cram was making considerable use of mechanisation to work his property. The gadgets and appliances he had for his two petrol-engined Fergusons seemed never-ending. The majority had either been made or adapted by himself with the aid of a welder.

Mr. Cram and his son gave us a demonstration of what could be done with the Fergie in the way of soil conservation. Perhaps the most prominent feature of this visit was the fact that here was a man who was making a living and enjoying it.

During Thursday morning we journeyed to Wirrabara to inspect a property of 2,600 acres belonging to Mr. Lloyd Heaslip. After a very welcome cup of tea we examined a
few stands of pasture containing Wimmera rye, phalaris, and Mount Barker sub. By improving pastures it had been possible to eradicate weeds such as saffron thistle, barley grass, and wild geranium, which had been particularly troublesome.

As there was still at lot of ground to cover we pressed on to Mr. L. G. Smart's place at Gulnare, a property breeding polled Merinos. Even though this stud has been in existence only a very short time,, Mr. Smart has had no trouble in selling rams.

Another feature of interest was the silage stacks which were being self-fed to sheep. Although this method tends to be a little more wasteful than hand-feeding, it represents a considerable saving in labour. The Doctor found out that even polled Merinos resent being meddled with while partaking of succulent roughages. You can be taken for a ride you know.

Shearing quarters were once again our abode, this time at "Anama," belonging to Mr. J. Hawker. The majority elected to sleep inside, but Mr. Porter adopted a more rustic pose and communed with Nature (and the Friesians) while reclining in a hammock. Those who indulged in nocturnal activities were rather tersely requested to "Right; break it up," by an unidentified member of the staff early in the morning.

Despite a late rise, breakfast was produced on time, and we were able to get on with the job on hand. We began by looking at some pastures which had been top-dressed with four ounces of molybdenum to the acre.

Mr. Hawker's polled stud is based on Boonoke blood, and the aim here is to concentrate less on the finer show points and produce a sire which is capable of standing up to harsh climates and sparse feed in the back country. Consequently, such sheep are in high demand with breeders in these areas.

While making our way back to College we dropped in to a piggery owned by Mr. James, of Clare. We found he preferred the crossbred pig obtained by crossing the progeny of a Large White boar and a Berkshire sow, back to a Large White boar.

Mr. James gave us a most comprehensive description of the lines on which his piggery is run, with special reference to sties and yards.. Once again time was our enemy, and we were forced to pack into the bus for the last leg of our trip.

It would be impossible to conclude without thanking the staff members,, Dr. McCulloch, Mr. Porter, and especially Mr. Hooper, who bore the brunt of organisation. Mention must also be made of the many landowners who made their properties available to us, and proved so hospitable in many ways. The two factors combined produced a most enjoyable


## RIVER TRIP

We left the college at 7.45 and travelled through the Barossa Valley, where ivr. Matthews commented on the different styles of vineyard management, and compared them with those at R.A.C.

On arrival at Mr. Plush's property at Light Pass we were given an introductory talk by Mr. Plush. He explained that the property was very old, and that the soil fertility was exhausted in some places, which he was at the time rejuvenating. We were then introduced to his two sons, who conducted us on a tour of the property; we inspected a straw mulch on apricot trees, the cover crops used to build up soil fertility, some of their home-made implements, and the drying shed.

From Light Pass we travelled directly to Berri via Blanchetown, Waikerie and Barmera. The country along the road did not appear to be in very good heart, and many areas showed the effects of bad management in the past. On arrival at Berri we very soon settled in, and after a good meal at the Berri Hotel we were set to investigate the night life of the town, which we soon found, much to our disappointment, was nearly nonexistant.

The next day the trip began in earnest; we travelled to Barmera, where we were introduced to the local Irrigation Officer, Mr. Gilchrist, wo took us to a nursery belonging to Mr. Sedunary, where we were given the life story of the growing of young trees in mass, and also were given a demonstration of budding and grafting.

We then visited Mr. Mosely's market garden where we inspected and sampled his crop of carrots. After giving us a brief talk on the facts of carrot growing, Mr. Mosely then spoke rather lengthily and candidly on the S.A. Government and its system of railways. We then lunched at the Loveday pump-house and then inspected the old and new pump houses and also a very old steam tractor.

After lunch we went to Mr. Fewster's property at Glossop where we inspected the vineyard, and had the drainage system explained. Mr. Fewster also demonstrated some ingenious gadgets he had invented to relieve some of the tedious jobs in a vineyard. From here we visited the wind machine erected in a vineyard for experimental purposes, which appeared to be a complete fiasco; and a large caisson, where a few of our more electrically minded members gave a demonstration.

Next day we travelled upstream and visited the Berri Experimental Orchard, where the manager, Mr. Harris, gave us the lowdown on experiments on the pruning and cul-
tivation of fruit trees, and conducted us on a general tour of the orchard. After lunch we moved on to Renmark, where we picked up our guide, who firstly took us to a property where we were given a talk on vine fruit drying by an old scholar. From here we passed through the town of Renmark and out towards Cooltong. On the way we stopped at a deep bore and pump used for drainage, and were given a very interesting talk by an officer of the Renmark Irrigation Trust. At Cooltong we visited one of the Soldiers' Settlement blocks, and were given an insight on the practical problems of establishing a vineyard and orchard.

On the Thursday we had a welcome change from the incessant vines and fruit trees, when we visited the Wanbi Research Centre where we were given a very informative description on all the aspects of stabilising sand dunes, and soils susceptible to wind erosion. We also inspected several experimental plots dealing with crops and pastures.

On returning to Berri, we inspected the Berri Co-operative Packing Shed. There was not much going on at the time, but we had a good look over the citrus grading, and fruit juice extracting sections, and also sampled some of the Union's fine products.

The next day, our last, we visited the irrigation settlement at Loxton, where we were shown over the pumping house, and were then taken on a general tour of the settlement. After this we were all taken under the wing of a Mr. Grazby, who gave us a very lengthy and exact description of the method of pruning advocated by the Department of Agriculture to be used on stone fruits.

After lunch at Loxton, we set out on our homeward journey, only to be thwarted by a con-rod going through the sump a few miles from. Waikerie. After everyone had inspected the damage individually and passed their verdicts the authorities set out (by rule of thumb) to arrange something in Waikerie. This left us all at our own devices for several hours, during which time we succeeded in uprooting several trees, and becoming thoroughly acquainted with the local dairy herd. But in no time we were on our way to Waikerie where we spent the next "few" hours looking over the town and sitting in the bus cragging until we were at last transferred to another rather draughty bus, in which we spent the rest of our journey; more asleep than awake, arriving at the College at 1.30 .

Our thanks go to Messrs. Matthews and Suter for their tactful supervision and helpful comments and also to Mr. Loder for his control over a rather monotonous diet.

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## Sports Awards

The following awards have been made for the 1957 season:

BLUES, $195 \%$
RIFLES: B. M. Dubois.
FOOTBALL: J. A. MacKirdy.
COLOURS, 1957
P. J. McClure, K. J. Tuckwell, P. J. Mowatt.

## BADGES, 1957

FOOTBALL: R. G. Latimer, J. A. MacKirdy, P. J. Mowatt, J. M. Obst, R. W. Jeffery, N. R. Matz, E. V. Thomson, P. R. Gratton, R. J. S. Buckett, R. J. Downward, R. P. Maxwell, J. C. Fuss.

TENNIS: J. A. MacKirdy, C. B. Sumner, :ㄹ. G. Latimer, D. J. Warner, R. J. Ford.

ATHLETICS: R. J. Strachan, P. R. Gratton, D. J. Warner, J. A. MacKirdy.

RIFLES: B. M. Dubois, I. E. B. Jones, D. C. Stanley, T. K. Robinson, M. Hoskyns, R. E. Thomas, L. D. Wallace.

CRICKET: M. F. Sexton, K. J. Tuckwell, R. G. Solly, D. W. Scales, R. J. Strachan, P. J. Mowatt, D. C. Sexton.
SWIMMING: R. A. Riedel, P. Renk, E. V. Thomson.

WATER POLO: G. S. Hincks, J. W. Goode, T. K. Robinson, D. J. Binns.

D. H. MELLOR, Chairman, Sports Union and Blues Committee. November 20, 1957.

## Foothall Notes

## LEAGUE

The College First XVIII started this season rather badly but soon settled down and finally finished with only two teams ahead of them. The team this year contained more first year students than previously and this was probably the cause of early defeats.

Many congratulations must go to John Delo and his boys from Salisbury. They were the most consistent team for the season and deserve their second premiership in succession. Souths came a close second and were perhaps unlucky not to win.

The match of the season which held most interest for us was the match against the Victorians from Dookie College, which is now an annual fixture. The visitors spent a busy four days here going on tours inspecting the various Agricultural and Horticultural practices of the district.

Mr. Colin Egar had charge of the gaine, which produced a high standard of football, the visitors winning in grand style. Final sccres were-

$$
\begin{array}{ll}
\text { DOOKIE } & 16-5 \\
\text { COLLEGE } & 6-11
\end{array}
$$

Due to the inexperience of some players, the early minor round results were poor, but prior to the finals we were regarded by many cutsiders as a probable premiership team.

We played brilliant football in the first Semi-Final beating Elizabeth by three goals. Then the inevitable happened. The 'flu epidemic hit the college with many members of the team being affected. The Second SemiFinal had to be re-played and the three-week



## First XVIII, 1957

BACK ROW (left to right) : Mr. K. B. Leske (Coach), P. J. Mowatt, P. R. Gratton, Mr. D. P. Purser, R. J. Downward, D. G. Rice, A. Grieve, C. R. S. Saunders,

SECOND ROW: Dr. R. N. McCulloch, R. P. Maxwell, J. C. Fuss, G. S. Hincks, D. J. Warner, R. W. Jeffery, D. W. Scales (Trainer), Mr. M. R. Krause (Manager).

SEATED: J. D. Gregg, N. R. Matz, J. M. Obst, R. G. Latimer, J. A. McKirdy. E. V. H. Thomson, R. J. S. Buckett, R. J. Ford.
break from match practice did little to improve the fitness of the affected piayers. In the Preliminary Final we lost to South.

As usual considerable work was done behind the scenes with Mr. Krause doing an excellent job as manager. He tirelessly devoted much of his time and energy to the club. Thanks must go to him also along with Mr . Hooper, Mr. Leske and Mr. Purser, for casting votes for the Tim Dunstan Trophy, Mr. Leske and Mr. Purser deserve special thanks for taking the unwanted job of coaching and doing an admirable job. Mr. Philp must be thanked for goal umpiring and driving the bus to the matches played away from college.

Bob Latimer did all that could be asked of him as Captain. He played inspiring football and also won the trophy for the most consistent. John Obst, the best first year for many years, was awarded the coveted Tim Dunstan Trophy. He played brilliant football in many positions throughout the season. Bob was given strong support by Sandy Mackirdy, the Vice-Captain, who was runnerup for the Tim Dunstan trophy.

Thanks must be given to Dave Scales who did a sterling job in repairing the injured, in a keen and able manner.

## Match Results

27/4/57
College 10-11 d. Elizabeth 8-12.
4/5/57 Salisbury 12-10 d. College 4-8.
11/5/57 Willaston 8-8 d. College 6-9.
18/5/57 South 10-11 d. College 4-5.
25/5/57 College 11-15 d. Centrals 7-6.
8/6/57 College 11-9 d. Salisbury Nth. 9-12.
22/6/57 College 8-10 d. Elizabeth 7-9.
29/6/57 Salisbury 12-7 d. College 6-16.
13/7/57 South 10-13 d. College 6-7.
20/7/57 College 11-8 d. Centrals 3-6.
3/8/57 College 9-12 d. Salisbury Nth. 7-7.
17/8/57 College 18-16 d. Centrals 6-5.
24/8/57 College 12-12 d. South 7-6.
FIRS'T SEMI-FINAL
31/8/57 College 11-6 d. Elizabeth 7-12.

## PRELIMINARY FINAL

21/9/57 South 10-15 d. College 7-8.

## "B" GRADE

This year the College Second Eighteen played in the " $B$ " Grade Division of the Gawler and District Football Association. We had a good season, and finished fourth in the minor round series, but we were beaten in the first semi-final by Elizabeth.



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Seven wins straight in the second round gave great encouragement. Unfortunately for us several players, in Buckett, Grieve, and Saunders, were promoted to the league team, weakening our side considerably.

Campbell "Bull" Phillips did a fine job in captaining the team, while his clean, vigorous play was always an inspiration to the rest 0 ? us. Bill Magarey was Vice-Captain.

The trophy for the fairest and most brilliant player was won by Campbell Phillips, who was closely followed by John Goode.

We would also like to take this opportunity of expressing our thanks to Mr. Norton, our Coach, who gave up so much of his valuable time, not only to organise our practices, but also to come and watch us in action each Saturday.

## Match Results

Elizabeth 5-6 defeated College 3-3. Salisbury 8-8 defeated College 3-5. College 12-13 defeated Willaston 1-1. South 4-6 defeated College 1-9.
College 21-18 defeated Centrals 1-1. College 10-5 defeated Salisbury North 6-3.
College 5-14 defeated Elizabeth 3-6. College 7-6 defeated Salisbury 3-5. College 19-13 defeated Willaston 0-1. South 3-9 defeated College 4-2. College 9-12 defeated Cèntrals 1-5. College defeated Salisbury North (forfeit). College 11-12 defeated Centrals 2-2. South 6-6 defeated College 3-8. Elizabeth 8-10 defeated College 3-3.


First XI, 1957
BACK ROW: S. A. Mackenzie, P. J. Mowatt, T. J. Robinson, R. G. R. Solly, C. R. S, Saunders, Dr. R. N. McCulloch, Mr. G. R. Norman (Coach).
SEATED: P. T. Loney, R. J. Strachan, A. Grieve, D. W. Scales, J. M. Obst, R. J. S,
Buckett.

## Cricket Notes

The club had a successful season again this year. However, although the team finished third in the minor round series, we were beaten in the First Semi-Final by Souths.

Russ Daniels did a very good job in leading the team. The main success of the team was largely due to the outstanding efforts of four players in David and Michael Sexton, Bob Strachan and Dave Scales.

This year the Batting Average Trophy was awarded to M. Sexton while Ross Solly won the Fielding Trophy. Dave Scales won both
the Bowling Trophy and also the one for the most improved player.

The annual one day match played against a team from the Waite Institute resulted in a decisive win for the college. We were also able to reverse last year's result in the Staff v. Students match. Mackirdy and Gratton paved the way for our win by thrashing. the Staff attack.

Apart from these matches and the district games we also competed in the Country Carnival winning three matches and losing three.

Generally we all enjoyed our cricket and would like to thank Mr. Norman for his energetic and conscientious support.

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Match Results, 1956-57
College 3/92 (D. Sexton 38 n.o., Tuckwell 22 n.o.) defeated Williamstown 7/84 (Tuckwell 4/22).

College 7/184 (M. Sexton 68, D. Sexton 29 n.o.) defeated Souths 175 (M. Sexton 5/45, D. Scales 3/25).

College 85 (Strachan 24, D. Sexton 18 n.o.) defeated Centrals 7/75 (Scales 5/17).

College $3 / 138$ (Strachan 45, Tuckwell 41 n.o.) defeated Lyndoch 74 (M. Sexton 6/19, D. Scales 3/8).

Sandy Creek 136 (Barrett 2/12, Solly,

2/24) defeated College 76 (Barrett 14 n.o.). College 55 and 86 (D. Sexton 21) defeated Centrals 55 (D. Sexton $5 / 13$, Scales 3/12) and 64 (Tuckwell 3/2).

College $7 / 183$ (Donnellan 43, M. Sexton 12 n.o.) defeated Williamstown 153 (M. Sexton 7/55).

Souths 258 (Strachan 3/59) defeated College 146 (Mr. Stephen 40, Mr. Leske 25).

College 159 (Mr. Norman 82, Strachan 21) defeated Lyndoch 74 (Scales 4/13, Norman $3 / 8)$.

Sandy Creek 5/114 (Solly 3/8, Norman $2 / 2$ ) defeated College 53 (Stanley 30 n.o.)


## Intercollegiate Team, 1957

BACK ROW: Mr. K. B. Leske (Manager), C. B. Sumner, D. J. Warner, R. G. Latimer, J. A. MacKirdy, R. J. Ford.

SEATED: B. M. Dubois, I. E. Britten-Jones, D. C. Stanley, L. D. Wallace, M. Hoskyns, T. K. Robinson.

## The Inter-Col. Trip

The Inter-Col. was held away from home again this year, this time at Hawkesbury College in N.S.W. The party consisted of the usual six Rifle members, five Tennis players and the Senior Councilman. The organisation and responsibility was entrusted to Mr . Leske in whose capable hands the trip proceeded without a hitch.

The departure from Adelaide on the Overland was rendered very dull by the fact that all arrived on time, except Des, whom we had arranged to meet at Murray Bridge, where he had to pick up some equipment for the journey.

Having been previously instructed that to go to Melbourne without seeing Chloe would be a far greater sin than not seeing the Eiffel Tower while in Paris we lost no time on arrival at Spencer Street Station in booking in our luggage and proceeding to $\mathrm{Y} \& \mathrm{~J}$ 's but of course we did not dally too long.

The next stage of the trip landed us at Albury in the early hours of the morning where we were subjected to the rigours of a train change which must be world famous. By the time we reached Sydney the following morning, some of us who had been to Brisbane two years earlier were thankful to be spared a further change this time. We were left in no doubt that standardisation of the Australian railway system would be worth-

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while only if most of the N.S.W. trains were either dumped in the sea, or at best used as museum pieces.

At Sydney we were met by groups of Old Hawkesbury boys in their cars. They took us on a tour of some of the sights of Australia's largest city and then proceeded along the coast to Palm Beach where we had Iunch before going to Hawkesbury.

Monday was spent in practice for the various teams while those not practising were taken on a tour of the college buildings. Needless to say, when compared with Roseworthy we found Hawkesbury sadly lacking in many respects. However, even Mox had to admit their Dairy Factory made ours look a bit puny, but all those switches and levers could easily be razzed.

The tennis competitions started on Tuesday morning in bright warm weather which persisted throughout our stay, although there were frosts every night. The Rifles competitions started the following morning and our team unfortunately shot rather badly which gave Dookie a lead we were unable to make up. Roseworthy finished in second position in both sports which, although quite a creditable performance led to a certain amount of disappointment in both teams. Dookie are to be congratulated on their effort which resulted in their winning both shields this year, but with a reminder that we hope to reverse the first two positions on our home ground next year.

On Thursday night the official dinner was held and this was followed by a Ball, at the mention of which certain members retired hastily to bed while others brightened up quite markedly. The girls all came from Hospitals in the district and Mac and Bob were not slow in making their selections and got off to a flying start.

On Friday, all visiting teams were taken on a tour to the University of Sydney's experimental farm at Badgery's Creek where a brief lecture by Mr. Geddes was followed by an inspection of the farm with its famous irrigation systems using conserved filood water. From Badgery's Creek we proceeded along the mountainous road to Katoomba in the Blue Mountains. After lunch, the party split up and those who had to catch trains or 'planes home left in one bus while the remainder went on the Mountain Railway and explored an old disused coal mine.

The last of the visitors finally departed on Friday morning on the train from East Richmond. Our sincere thanks are due to the Principal, Staff and Students of Hawkesbury for the wonderful stay they organised for us, and amongst the latter I would especially like to mention Hawkesbury's Senior Councilman, Neil Inall who did a sterling job in keeping the trip interesting. Thanks also to Mr. Leske who contributed in no small measure to the smooth running and success of the trip.

## SUMMARY OF SCORES

## TENNIS

First Round: Roseworthy, 4 rubbers, 8 sets, 57 games, defeated Hawkesbury, 0 rubbers, 1 sets, 35 games.
Second Round: Wagga, 2 rubbers, 5 sets, 54 games, defeated Roseworthy, 2 rubbers, 5 sets, 52 games.
Third Round: Dookie, 3 rubbers, 6 sets, 52 games, defeated Roseworthy, 1 rubber, 2 sets, 34 games.
Fourth Round: Roseworthy, 2 rubbers, 5 sets; 40 games, defeated Gatton, 2 rubbers, 4 sets, 43 games.
Fifth Round: Roseworthy, 4 rubbers, 8 sets, 55 games, defeated Longerenong, 0 rubbers, 1 set, 29 games.


## Social Notes

Blinking lights in the form of R.A.C., placed above a red and white striped canopy in front of the entrance, introduced the College for the "Annual Ball" in June. The entrance hall was in the form of a tarmyard scene with animals in cages in straw shelters.

Unfortunately we have lost the unceasing efforts of Mr. Oates from the committee, but we managed to struggle through with a very successful "Springtime Ball".

A circus set the theme for the "Springtime Ball" in October. A gaily painted tent made the entrance, and in the hall were animals displayed in painted waggons. The weather was exceptionally suitable, and braziers and fairy lights on the lawn proved popular with all.

The committee expresses its thanks to Mrs. McCulloch and all the staff wives, for the sterling effort they did with the floral decorations.

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## SPORTS DAY

Friday, November 1
The increased keenness which appeared towards last year's Sports Day was once again evident this year.

Circulars were once again sent to the students' parents, inviting them to this year's function. Due mainly to the extreme heat of the day, the number of visitors present was slightly less than last year, although the representation was quite gratifying.

Once again the Committee expresses its thanks to Mrs. McCulloch for presenting the prizes. Thanks are also extended to Mr. Hiddle for arranging afternoon tea for both visitors and students.

Congratulations go to Bob Strachan on being Champion Athlete for 1957. He gained 19 points, with 3 firsts, 1 second, and 1 third place. Bob was hotly pressed by Peter Gratton throughout the day; for his effort Peter gained 16 points.

Sheaf Toss Handicap - 1, L. Klau; 2, R. Radford; 3, D. Stanley. Height, 29 ft .3 in .

880 Yards Open-1, P. Mowatt; 2, J. MacKirdy; 3, D. Scales. 2 mins. 17.4 secs.

Broad Jump Handicap-1, M. Deland; 2, I. Mosel; 3, T. J. Robinson. 17 ft .10 in . plus 1 ft .6 in.

Shot Putt-Handicap: 1, I. Donald; 2, G. Hincks; 3, R. Latimer. 25 ft .9 in . plus 5 ft . 6 in.

Shot Putt Open: 1, P. Gratton; 2, G. Hincks; 3, R. Maywell. 30 ft .7 in.

High Jump-1, D. Rice; 2, R. Sage; 3, D. Scales. $5 \mathrm{ft} .5^{1 / 4} \mathrm{in}$.
135 Yards Handicap-1, $P$ Brown; 2, P. Gratton; 3, R. Radford. 13.4 secs.

440 Yards Open-1, R.- Strachan; 2, P. Mowatt; 3, S. MacKirdy, 57.1 secs.

Discus 1, P. Gratton; 2, R. Freund; 3, M. Hoskyns. $87 \mathrm{ft} .41 / 2$ ins.

Hop, Step and Jump-Open: 1, P. Gratton;
2, D. Warner; 3, R. Strachan. $40 \mathrm{ft} .2 \frac{1}{2}$ ins. Sheaf Toss-Open: 1, R. Radford; 2, I. Donald; 3, L. Klau. 31 ft .

880 Yards Handicap-1, R. Maxwell; 2, R. Evans; 3, R. McMahon. 2.12.

Thowing the Cricket Ball-1, G. Holden; 2, R. Solly; 3, R. Downward. 91 yds.

120 Yards Hurdle-Open; 1, R. Jeffery; 2, V. Thomson; 3, D. Warner. 17.7 secs. 220 Yards Handicap-1, P. Brown; 2, R. Jeffery; 3, W. Magarey. 24.5 secs. Broad Jump-Open: 1, R . Strachan; 2, D. Warner; 3, D. Rice. $19 \mathrm{ft} .51 / 2$ ins. 100 Yards Open-1, D. Warner; 2, R. Strachan; 3, P. Gratton. 10.5 secs.

One Mile-Open: 1, S. MacKirdy; 2, P. Loney; 3, R. Maxwell. 5 mins. 7.2 secs.

Hop; Step and Jump - Handicap: 1, W. Magarey; 2, D. Warner; 3, D. Scales. 37 ft . 1 in. plus 3 ft . 6 in.

220 Yards Open-1, R. Strachan; 2, R. Latimer; 3, M. Mowbray. 25.5 secs.

Medley Relay (440, 220, 110, 110)-1, Third Year; 2, Second Year; 3, First Year.

Tug-o-War-1, First Year; 2, Second Year; 3, Third Year.

## GWYNNES

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## Tennis Notes

The Inter-Collegiate trip to Hawkesbury this year was most enjoyable for all members. Hawkesbury's hospitality was splendid, and they had all competitions well organised.

Our team members were J. Mackirdy, R. Latimer, B. Sumner, R. Ford and D. Warner. The team fared much better than in previous years and finished second to Dookie. We would like to congratulate Dookie College on their win, and hope we can beat them next year.

On Old Scholars' Day, the present scholars played a four-man team in Sumner, Warner, Ford and Bartlam against the visitors. This match resulted in a comfortable win to the present scholars.

We have made a good start in the District Association this year by winning our opening match (for the season 1957-1958) against Wasleys.

> Coliege 12 sets 87 games
> Wasleys $\quad 6$ sets 28 games

The team is a strong one, and we all have much confidence in them.

The present scholars are showing a great interest and keenness for tennis this year, and Barry Sumner should be mentioned for the work he is doing in creating interest and keenness among the players. Barry is Captain of the team this year.

Mr. Leske is again showing a very keen interest in the team as a whole this year. We were able to top-dress the grass courts through his good work and we all feel that he must be mentioned in this short summary of the tennis activities this year.

## Rifle Notes

The club started the season with high hopes and many good shooters with inter-collegiate experience. Prior to the Inter-Col. we had several fixtures against neighbouring clubs, namely, Williamstown over 300 yards, Tanunda over 600 yards, and Gawler, the club winning against both Williamstown and Tanunda. The match against Gawler was on a ring target at 200 yards, and proved valuable experience before the approaching trip to Hawkesbury.

Our Inter-Collegiate team was picked after many headaches and discussions, and finally was: D. Stanley (Captain), I. Britten-Jones, B. Dubois, L. Wallace, T. K. Robinson, and M. Hoskyns. Mention must also be made of Richard Thomas and Graeme Millar, who were well up to standard but did not make the team.

The competition resulted in a second ior Roseworthy, the main downfall being a combination of competition nerves and frosty weather at 300 yards. Scores were: Dookie, 576; Roseworthy, 556; Longerenong, 554; Wagga, 544; Hawkesbury, 544; Gatton, 542.

After the Inter-Coll. we had return matches against Williamstown, Tanunda, and a match
against Hamley Bridge, Mr. Bussell top-scoring on each occasion. The Old Scholars' match showed us up badly, with the exstudents trouncing the present students at 600 yards. Future fixtures are a match against Gawler and the final trophy shoot.
We would especially like to thank our manager, Mr. Bussell, for his untiring interest and efforts spent on our club, and also Bill Fairlie for his reliable advice and "know how" before the Inter-Coll.

## Swimming Club Notes

The R.A.C.S.C. was again managed by Mr. Dodson this year. He did a great job in keeping the activities running smoothly. The Swimming Carnival was a great success, mainly due to his efforts.

As usual the club played water polo in the Adelaide " $B$ " Grade Association. The team had great success in the first half of the season, but owing to the absence of Third Year late in the season, due to examinations, the inexperienced team we finished up with did not do quite as well, but we still put up a good showing.

The Swimming Carnival was held on a pleasant, warm, sunny day, and there was a very good attendance. Dick Riedel must be again congratulated for winning the Championship Cup for the second time, a truly remarkable performance. Peter Renk was second.

Finally an exhibition of swimming was given by Miss Dawn Fraser and Miss Margaret Gibson, and also Murray Garetty. We thank them, and also Mr. Herraman for their trouble. We certainly enjoyed watching them.

## CARNTVAL RESULTS

 CHAMPIONSHIP EVENTS440 yds. Freestlye: Renk, T. K. Robinson, Riedel. Time, 6 min .47 .6 secs (standard, 6 min .25 secs .).
55 yds. Freestyle: Riedel, Renk, Frost. Time, 30.4 (standard, 30.3).

55 yds. Backstroke: Riedel, Renk Hincks. Time, 40.7 (standard, 42).
110 yds. Freestyle: Riedel, Renk Hincks. Time, 1 min .14 .4 secs (standard, 1 min . 13.8 secs.).

110 yds. Butterflystroke: Riedel, Donald, Frost. Time, 1 min. 44.2 secs. (standard, 1 min .38 secs .).
110 yds. Breaststroke: Frost, Hincks, Donald. Time, 1 min .50 .2 secs. (standard, 1 min . 48 secs.).
4 metre Dive: Thomson, Barrett, Riedel.
2 metre Dive: Thomson, Donald, Riedel.

## HANDICAP EVENTS

110 yds. Freestyle: T. K. Robinson, Goode, Cree.
55 yds. Freestyle: Pedley, T. K. Robinson, C. Newland.
110 yds. Breaststroke: Callaghan, Stanley, T. K. Robinson.

## INTER-YEAR SHIELD RESULTS <br> Third Year, Second Year, First Year.

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# ROSEWORTHY OLD COLLEGIANS' ASSOCIATION 

OFFICE-BEARERS<br>President: Mr. D. D. Suter<br>Vice-President: Mr. J. V. Mertin.<br>COMMITTEE<br>Dr. R, N. McCulloch, Messrs. J. W. Reddin, R. P. Day, L. H. Laffer, and M. R. Krause. Honorary Secretary: Mr. C. W. Hooper. Honorary Treasurer: Mr. H. V. Stephen. BRANCH DELEGATES AND PROXY DELEGATES Upper Murray: Mr. J. V. Seekamp. Proxy: Mr. C. D. Matthews. Eyre Peninsula: Mr. H. Solly. Proxy: Mr. L. J. Cook. South-East: Mr. P. J. Bailey. Proxy: Col. D. Fulton.

## PRESIDENT'S REPORT

FOR THE YEAR ENDED JUNE 30, 1957

## Gentlemen,

It is my privilege to present to you to-night the 59th Annual Report of the activities of our Old Collegians' Association.

## Membership

Thirty-nine new members have been enrolled for the year, but on the debit side eight old scholars have passed away and eleven others have had their membership automatically cancelled because of subscription arrears. However, this still leaves our membership at the all-time high of 663 Old Collegians. It is pleasing to note the large proportion of graduating students who join up so promptly each year. On behalf of the Association I extend a warm welcome to our 39 new members.

With deep regret we record the deaths of the following members: H. B. Robson (18881889), Henry Freeman Liston (1890), Sir George F. Jenkins (1892), Albert Henry Bills (1897-1900), Harold Clutterbuck (1907-8), Douglas Sinclair Motteram (1935-38); Louis Muecke (1889-90), and William S. Birks (1890). We extend our deepest sympathy to the relatives and friends of these Old Collegians. The late 'Sir George Jenkins will always be remembered with affection and respect by Old Collegians. His practical interest and help for the College and R.O.C.A. was maintained throughout his useful and productive life-span.

## Branch Activities

The South-Eastern Branch continues to grow in strength, and last December 50 members attended a dinner at the Kincraig Hotel, Naracoorte, and were addressed by Guest Speaker Rollo Hawkes. Stephen Ward is their President and Farrell Haynes Secretary.

The Eyre Peninsula Branch held a successful dinner and meeting at Cummins in March this year. Twenty-two members attendedvery good indeed, considering the tremendous distances covered by individual members. Cliff Hooper, David Suter, and myself motored over, together with Professor Donald, guest speaker for the night. The trip was well worth while, for we met many old friends and made many new ones. Mr. H. Solly is President and Worseley Johnston, Secretary.

The River Branch staged a recovery, and held a re-union dinner at Renmark last month. David Suter represented the parent body, and reports that sixteen members attended. Dave Yeo is President, and Wyn Gilchrist, Secretary.

## Scholarship

The winner of the Old Collegans' Scholarship last year-Mr. Hannaford-successfully completed his Dairy Diploma, and is now employed in the Mil-lel Cheese Factory. There were no applicants for the scholarship this year.

## Old Students' Cup

This prize was won by David Cunningham. David came from Pakistan to Roseworthy College, and since gaining his Diploma has been employed by the A.M.P. Society in Adelaide. However, he is shortly returning to Pakistan. Congratulations to you, David, and might I suggest that you keep in touch with us by sending in annual letters for publication in "The Student," telling us all the interesting things that happen to you in Pakistanthat is, agricultural things, of course.

## Land Settlement Act

The Sub-Committee handling this problem were received in deputation by the Hon. Minister of Agriculture, and were given a very friendly and fair hearing. After keen discussion, the Minister finally promised to look further into the matter, with the object of bringing it before Cabinet again at a suitable time. He further promised that he would keep the organisation informed of developments from time to time, so that we would know where we stood at all times.

## Annual Sports Day

Last October another very happy and successful Sports Day was held at the College, and R.O.C.A. is indebted to the Principal, Staff, and Students for making this day possible.

## Memorial Chapel

The Dedication Service for the Chapel was held on April 28 this year, and it went off very smoothly and impressively. The unveiling of the Memorial was performed by His

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Excellency the Governor. A surprisingly large number of Old Students attended.

## Murray Floods

A sub-committee was formed to go into the possibility of assisting any members from the Murray Valley needing help following the disastrous flooding last year. Two applications for help were received. A party of ten Old Students, under the command of Fred Hillman, spent a Sunday on the property of Frank and Ian Macrow at Murray Bridge. Thank you, those members who so willingly volunteered, and thank you, Jack Mertin, for organising the Adelaide end.

The other member requiring help will let us know when he is ready.

## Committee

Apart from the sub-committees, the full Committee met on three occasions during the year, and attendances were excellent. The reason for the almost 100 per cent. attendance record may have been due to the fact that meetings were held around the fireside of one or another committee member. Meetings were invariably adjourned to deal with incredible suppers turned on by the long-suffering wife of the evening. On behalf of the Committee, thank you, Mrs. Laffer, Mrs. Hooper, and Mrs. Reddin. With warm backs and full stomachs, the Committee worked harmoniously and industriously.

As retiring President this year, I must record my gratitude for the loyal support over the past two years of each and every committeeman; for a most efficient Secretary, who has made my job a comparatively easy one; for a most co-operative College Principal and Staff; and finally for the strong support that you as members continue to give the various projects undertaken by your Committee on behalf of the Association.

## ANNUAL GENERAL MEETING

The Annual General Meeting was held at the Clarence Park Institute on Saturday, September 7, prior to the Annual Re-union. The President (Mr. J. W. Reddin), Dr. R. N. McCulloch, and 45 members were present.

The President's report was presented and adopted. It appears in detail elsewhere.

The Treasurer submitted his report, which showed a sound financial position. It is published in full on a later page.

In the absence of the proposer, the Secretary read Mr. Worsley Johnston's proposed alteration to the Constitution re Honorary Members: Section (2), clause (b), to read: "The number of Honorary Members shall be limited to 2 per cent of the members." Carried.

Proposed by Mr. Johnston, seconded by Mr. Cook, that "Mr. Roland Hill and Col. D. Fulton be elected Honorary Members." Carried.

The necessary form and six signatures having been presented, Mr. Suter proposed and Mr. Bowen seconded, "That Mr. J. L. Mann be elected an Associate Member." Carried.

After a lengthy discussion of the Association's action to be taken on retiring College
workmen, it was proposed by Mr, Suter, seconded by Mr. Southwood, "That the Association does not convene any kind of fund for retiring College workmen." Carried.
Election of Office-bearers: President, Mr. D. D. Suter. Vice-President, Mr. J. V. Mertin. Secretary, Mr. C. W. Hooper. Treasurer, Mr. H. V. Stephen. Auditor, Mr. B. C. Philp. Committee, Messrs. J. W. Reddin, H. E. Orchard, L. H. Laffer, R. P. Day, M. R. Krause.

The President and Dr. McCulloch spoke of the excellent services rendered to the Association by the retiring President (Mr. Reddin).

## ANNUAL RE-UNION

The 1957 Re -union was held in the Clarence Park Institute immediately after the Annual General Meeting. Our President presided over some 65 members and guests, and although our numbers were down, the evening went with the usual swing.
Following the Loyal Toast, proposed by Mr. J. W. Reddin, he introduced our guests for the evening. Mr. C. Laucke, M.P. for the district ably proposed the toast to "The Association," and the response was given by the President. Professor R. K. Morton, Professor of Agricultural Chemistry at the Waite Institute, handled in a very capable manner the toast to "The College," and Dr. R. N. McCulloch, Principal, responded. The Secretary proposed an additional toast to our other guest, Mr. Fred Hillman, and he responded.

## FROM THE SECRETARY

Some members may have wondered at the change from Unley to Clarence Park for our Annual Meeting and Re-union, especially after the successful functions held at Unley. This change was forced upon the Committee by the Unley Banqueting Room being booked when we applied for it. We hope that we will be back there in 1958, as it is more central. With our attendance down this year, we hope that next year, with our return to Unley, the usual number will attend.
I would like to thank those members who sent in information following the publication of a list of ten members whose addresses are unknown. L. H. Muecke and W. S. Birks had passed on some years ago. Following the receipt of addresses for A. B. Caw, F. C. Phillips, D. V. Kitto, and J. D. Hoile, I wrote to those members. . As I received no replies, and my letters were not returned, I can only take it that they are not interested in renewing contact with their old College. From the previous list I have:

Hawke, William Ernest (1891)
Hodge, Lloyd Mervyn (1901-4)
Shand, Frederick H. (1904-7)
Lewis, John Piersin (1912-14)
Warren, Arnold Lofton (1915-18)
and have recently lost contact with the following:

Goddard, Arthur Charles (1897-1900)
Marshall, Robert Quenton (1952-55)
Arnold, John M. (1945-8)
O'Grady, Victor Thomas (1946-9)
Emery, Peter James (1946-9).

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WESTERN AUSTRALIA
Peter Renk (1954-7), who joined his brother Johnny (1951-55) in W.A. after graduation, wrote of the second wettest June on record, and was very happy about the season. In addition to showing their Red Polls at the Perth Show, they are finding time to prepare some Corriedales. It is pleasing to find two such recent graduates competing. At the time of writing they were busy clearing up 300 acres of their own block, which is in the $25-30$ inch rainfall area.

## VICTORIA

John B. Flehr (1948-51) has transferred to Shepparton, Victoria, as a salesman ior Chamberlain, John Deere, and Caterpillar and New Holland. He will shortly be living in Wangaratta, and issues a cordial invitation to visitors to contact him. Late December has been mentioned as a probable wedding date. Congrats.

## TASMANIA

Jim Forwood (1954-7) is a jackeroo on a 5,000 acre property at Longford, Tasmania. (Aiters my ideas of the Little Apple Isle.) With Polworths and beef cattle on the property, he should gain some very interesting knowledge. How did the dipping work?

## SOUTH AUSTRALIA

Bob Lampe (1951-54) writes of a caravan trip with Mrs. Lampe through Melbourne, Canberra, Wagga, and Albury. True to iorm, he saw beef cattle, including Coonong, and has a special mention for the Arab Stud at Wagga College. Since his marriage Bob has transferred to the Falconer Stud at Lucindale.

## NEW SOUTH WALES

Basil Fuller (1912-14) wrote of a quick visit to the College on a Sunday afternoon in October. It was his first visit since 1919, so the Chapel was not the only thing to see. If you do pay your promised visit at a future date, contact me or any other Committee member, and we will show you around, Sundays included. We are always pleased to see Oid Students, especially the older ones, and they will appreciate it more with a guide.

Star item for me was the visit to the College of W. B. Hay (1925-8). As Bill and I were classmates, and had not met since Speech Day, 1928, there were just a few things to talk about as I showed him around. As usual, the time available was limited, and he had to leave with a lot unsaid. Don't leave it another thirty years, Bill.

As Old Collegians, we were pleased to have Rev. Terry and Rev. A. Gosse Hay (1898-1900 and 1929-31 respectively) participating in the service at the Chapel Dedication. The Rev. Terry returned several weeks later to hold a Holy Communion service, and I was pleased to see an excellent congregation of Staff and students.

John Richardson (1952-55) paid a quick visit to the College during August. He is now interested in dairying, and has built up a stud Guernsey herd. He mentioned the

## THE LATE MR H. E. ORCHARD

It is with deep regret that we record the death of Mr. Hector Orchard.
Hector had a long association with Roseworthy College and the Roseworthy Old Collegians' Association. Being the son of Mr. Les Orchard, Farm Manager at the College for many years, much of his early life was spent on the College, and he attended as a student 1934-7.
He was a member of the Roseworthy Old Collegians' Association Committee, 1939-41, joining the R.A.A.F. in November, 1940, where he served with distinction. He was reappointed to the Committee in 1946, and was a member until his death, except for a break in the year 1955-56, being Vice-President, 1946-7 and President, 1948-50.
Hector applied to his Committee work the same energy and thoroughness as he did to all other pursuits in life. His willingness to do more than his share of the work, his ready smile and pleasant disposition will be sadly missed from the Committee and other R.O.C.A. functions.

To his father and two brothers we extend our deepest sympathy in their sad loss.
possibility of being a competitor at the next Royal Show.

Denis Harrison has sold his fruit block at Berri, and is now working on a property at Mount Compass. With an Aberdeen Angas stud, a Southdown stud, and fat lamb production to hold his interest, it will be quite a change from fruit production on the River.

Elsewhere in the magazine you will :ind published a list of the names which are on the Honour Roll in the new Chapel. We have been advised of the names of two Old Scholars which have been omitted. Before any additions are made we wish to be certain that there are no others. Would you carefully read through the published list and let me know immediately of any omissions?

I hope that this has been of interest to you, and I would like to hear news from some of our other members.
C.W.H.

## SOUTH-EAST

The 1956 Re-union and Annual Meeting was held in Naracoorte on November 30. With an attendance of fifty members, a very successful and enjoyable function was held.

At the meeting prior to the dinner the office-bearers were elected: Patron, Hon. N. L. Jude. President, Mr. S. A. Ward. Secretary, Mr. F. Haynes. Committee, D. W. Walker, P. J. Young, K. D. Harris, R. L. Winser, and C. P. Castine.


## NEW ACRES every day

Australia's land-clearing programme brings an enormous amount of new land into production every year. In South Australia alone, the extent of land clearance
reaches the amazing average of a thousand acres per day. Right throughout Australia, the magnificent Shearer "Majestic" Plough plays a sterling part in land clearance. With its massive strength and tremendous endurance, the "Majestic" gets rid of the thickest scrub and makes room for lush pastures-in one operation. Available in 4, 5, 6, 7 and 8 -furrow models, with $8 \frac{1}{2}$-inch cut, the "Majestic" has gained a mighty reputation. Send for details of the "Majestic."

Where Scrubland USED to be a Shearer MAJESTIC has been!

JOHN SHEARER \& SONS LTD.

— Kilkenny, South Australia

Following the Loyal Toast, the usual toasts were honoured: "The College," "The Association," and "The Visitors." Mr. Doug Mellor represented the parent body and spoke on behalf of the College.

Guest Speaker for the evening was Mr. D. R. Hawkes, who spoke on "The Functioning of the Australian Wool Board."

It was pleasing to have attending for the first time Mr. A. S. Crooks (enrolled R.A.C. 1893), who gave a few reminiscences of the College in those days.

The 1957 function will be held earlier, being on the evening of Kybybolite Field Day, November 7. The South-East Branch has a mailing list of 140 members, and with more graduating students making a start in that area, we can expect reports of bigger and better functions.

## EYRE PENINSULA

A very successful re-union dinner was held at Cummins on March 30, when twenty-two members were present.

At the formal meeting of the branch, Mr. H. L. Solly was re-elected Branch President and Mr. W. C. Johnson, Hon. Secretary. Mr. P. Marrie (Treasurer) and Mr. H. D. Habel were re-elected to the committee

The branch was very pleased to have as guests Prof. Donald, of the Waite Institute, and the President, Vice-President, and Secretary of the Association.

At the very pleasant dinner the Loyal Toast was in the hands of the chairman; "Our Alma Mater" was proposed by Mr. J. Reddin (Association President), and was acknowledged by Mr. C. W. Hooper (Association Secretary) and Mr. D. D. Suter (VicePresident).

After moving to the lounge, Prof. Donald showed slides and gave an interesting talk on some aspects of agriculture in Turkey and North Africa.

Mr. Marrie moved a vote of thanks.

## UPPER MURRAY

After missing their annual function last year because of floods, a re-union was held at Renmark Hotel on Wednesday, August 21.

Office-bearers were re-elected, with Mr. D. H. Yeo, President and Mr. J. W. Gilchrist, Secretary. District Representatives: Renmark, D. J. M. Price; Loxton, R. J. Baker; Berri, D. G. Morris; Waikerie, N. S. Fotheringham.

Mr. D. D. Suter and Mr. C. D. Matthews represented the parent body, and showed slides of the College.

With Mr. Matthews in attendance, the opportunity was taken by the members to discuss at length the Horticulture Course at the College.

## "THE COLONEL"

Fred Hillman terminated his employment at the College on June 30, 1957. He took a temporary position (three weeks' hay carting) on August 30, 1918, and finished up after nearly thirty-nine years.

## ROSEWORTHY OLD COLLEGIANS' SCHOLARSHIP

APPLICATIONS are hereby invited for the above Scholarship, tenable at Roseworthy College for three years, commencing with the 1958 Scholastic Year.
ATTENTION is drawn to the : act that this Scholarship is intended to assist boys in needy circumstances. The value of the Scholarship is $\mathfrak{f} 45$ per annum.
APPLICATIONS close on January 31, 1958, and application forms are available on enquiry from the Secretary of the Association.
C. W. HOOPER,

Hon. Secretary, R.O.C.A., Agricultural College, Roseworthy.

At times during our student days Fred was looked on with a certain amount of awe as stupid errors and pranks at the wrong time brought on our heads correction in no uncertain manner. However, Fred's nature was such that he was always able to get more work and co-operation from students than most others. The affection with which he was held has been shown in the past by the number of Old Students who, on visiting the College after a number of years away, always made a point of seeing Fred.

Looking back over those years, have you ever pushed a few sheaves down on to Fred from the top of a load of hay?

Missed getting up for dairy and been called by Fred?

Been taking your time when Fred was in a hurry to get a job finished?

Been told by Fred what words to use when a horse refuses to go?

Ever had to transport a binder with Fred after you have lost the winding handle?

Despite these, we all wish Mrs. Hillman and Fred many years of happiness in their new home in Wasleys.

## VISITIING AND SPORTS DAY

The 1957 Old Boys' day at College, held as usual on the Labour Day holiday in October, did not attract quite as many Old Boys and their friends as it has done in the past. Nevertheless, those present were favoured with a beautiful day, and all seemed to be enjoying the picnic atmosphere. Although being beaten on the day in the field of sport by the present students, I feel everyone went home with more happy memories of R.A.C.

Proceedings commenced in front of the main building with a welcome to the visitors by Dr. McCulloch, followed by a brief outline of the day's programme by the President of the R.O.C.A. (David Suter), who then led

# PLANT QUARANTINE SERVICES 

Australa has fewer plant enemies than most countries. Losses occur, however, in grain, fruit and vegetable crops from diseases and pests mostly introduced before Plant Quarantine became effective. These losses mean dearer food for Australia, bcause control measures are expensive.

## Spread of Diseases

Plant Quarantine services of the Commonwealth and the States are organised to prevent introduction of new plant scourges from overseas and to check the spread of pests and diseases already in Australia. Even single plants or fruits may introduce a pest or disease or spread it from one part of Australia to another.

## Quarantine Precautions

Under the Quarantine Act the Federal Government regulates the importation of all plant material to ensure that the best new varieies are safely introduced. Each State in Australia controls the interstate or intrastate movements of fruit, plants and vegetables which may spread pests and diseases. Entry of certain plant material is in some instances prohibited. Examples of these prohibitions are:

Grape vines or any part of them are not allowed into South Australia, Western Australia and Queensland or the Shires of Mildura, Swan Hill and Kerang in Victoria;
Apples, pears and quinces are not admitted to Western Australia.
Fruit subject to infestation by Fruit Fly emanating from known affected areas is prohibited entry into South Australia and Tasmania and is submited to 100 per cent. Inspection by Victoria;
Specified fruits and vegetables are barred entry into the Murrumbidgee Irrigation area of New South Wales.

## How Can You Help?

AVOID carrying fruit, vegetables, flowers or seedlings when you travel; sending by post, rail, road or air any plant material; or introducing any plants or timbers from other countries except through normal trade channels.

## Seek Information

Consult the Department of Agriculture in your State to find out how plant material may be moved safely. Your State Department of Agriculture will gladly give details of Quarantine provisions-State or Federal. Where it is possible to move plants safely, ensure that they are properly certificated.

KEEP AUSTRALIA CLEAN BY PLANT QUARANTINE
the party on a tour of inspection. This included the farmstead area, where the visitors were able to see the newly constructed Loading Ramp, the partial construction of the allweather Implement Shed on the old piggery buildings, and the ever-fascinating job of shearing. From here the party moved on to the Animal Production Laboratory and New Dairy. Mr. Hutchinson outlined the work being done on animal nutrition, with particular reference to wool production.

Yes, at last Geoff Norman was able to say how well the dairy herd were settling down in their new milking shed after three weeks. The early morning start is not so early now as the milking chores have been streamlined in this very modern milking unit.

The next stop was at Poultry, for the benefit of the children or the chickens we are not sure which. The function of the unit, and the recent improvement carried out by Ray Norton were briefly described.

At this point Rex Krause gave a resume of the season and the harvest prospects. He then led the party on a drive through the Experimental Plots, and back to the Oval via the Swimming Pool and V. and O. sandhill, noting the changes.

After a picnic lunch on the Oval, sports matches between Past and Present Students began scon after 1 o'clock.

## RESULTS OF MATCHES

Cricket: Present Students, 6/81 (Scales 23 n.o., Solly 17, I. Fry $3 / 18$, I. Comley $2 / 7$ ) defeated Old Scholars 8/61 (D. Harrison 25, R. Day 13, Loney 3/12, Scales 2/23).

Rifles: Old Scholars 205 (John Gursansky 37) defeated Present Students 188 (T. K. Robinson 36).
Tennis: Present Students 7 sets 51 games defeated Old Scholars 1 set 36 games, Grant

Mayfield winning the only set for the Old Boys.
Golf: Present Students 3 matches defeated Old. Scholars 1 match.

It should perhaps be mentioned that two recent Old Scholars in Kev Tuckwell and Alec Johnston, joined the present students and helped them in their victory.

During the afternoon Clive Matthews was kept very busy and very popular with the children, as he took them for numerous rides in a trailer drawn by a tractor. These hay rides are always popular with the children, particularly when an ice cream was given to all the lucky joy riders.

Once again the College very kindly provided tea at lunch-time and afternoon tea during the afternoon. Our many thanks are extended to the kitchen staff, who make this gesture possible.

The organising committee would like to take this opportunity of thanking Dr. McCulloch, his Staff, and present students who so willingly offer to assist in making this visiting day a success.

The R.O.C.A. Committee, while feeling that the 1957 Visiting Day was successful, are concerned by the smaller number of Old Students who are willing to participate in the various sports. Because you have settled down to married life, and work in the garden on Saturday afternoons instead of taking part in your local sporting activities, this should not prevent you from representing the Old Students on Labour Day. It is all the more reason why you should.

We see quite a few of the same old faces year after year, and it is heartening to know that they do enjoy their little trip to R.A.C., and we would like to see those familiar faces increase in numbers.

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## OLD COLLEGIANS!

PESTICIDES LIMITED with old collegians on its Directorate and Staff, caters specifically for the agricultural needs of Roseworthy Old Collegians.

We know a lot of you personally, we know many of your properties and problems, and we know too, that an increasing number of Old Collegians are turning to Pesticides Ltd., because they know they get service, and quality products.

Somewhere in the list opposite, are products you need. May we suggest that you read it carefully.

If there is not a product listed that you require, please advise us and we will endeavour to obtain it for you.

We also have a wealth of information on agriculture, horticulture, domestic and rodent pest control. We therefore invite you to tell us of your problems, so that we can give you the latest technical advice.

## CROP PROBLEMS

Weeds-
Aminox 40 (2, 4D amine) Aminox 50 (2,4D amine) Esternox 40 ( $2,4 D$ ester)

Insects-
Dee 20 ( $20 \%$ DDT)
Malathion 50.

## PASTURE PROBLEMS

Weeds-
As above.
Insects-
As above.

RABBITS
Ten-8-Tee (1080) Baits
1080 Baitlayer.

## HORTICULTURE

DDT Dusts.
Coppertox (Copper Oxychloride).
Tomato Dust.
Urea.
Nitrophoska (Famous Ger-
man fertilizer revived).
Malathion.
Dee 20.

## SOIL FUMIGANTS

Fumicide (Chloropicrin) Nema Kil (EDB)

## COBALT PILLS

COBULLET brand, 100,500 ,
1,000 bullet packs.

## BLOWFLIES

Dielkil (15\% dieldrin for jetting).

FARM BUILDINGS
Floortox-
Timber preservative. White ant poison.

Fogspray-
DDT/pyrethrum spray.
Ratrid-
Rat and Mouse poison.
Nitrophoska-
N, P, K, fertilizer.
TCA.

IN THE HOME
Fogspray -
DDT/pyrethrum spray.
Duzkil-
Chlordane.
Dielkil-
Dieldrin for ants,
cockroaches, pests, white ants.

Ratrid-
Rat and Mouse poison.

## HONOR ROLL

IN THE MEMORIAL CHAPEL

## BOER WAR

Allen, F. W.
Boucaut, L. H.
Castine, C. C.
Downer, J. H.
Eckersley, P. C. W.
Freebairn, W. L.
Goldsmith, D. E.
Gordon, L. W.
Harrington, H. J.
Harvey, A. K. LeR.
Heuzenroeder, E. G.
Hill, R.
Jones, E. W. H.
Leake, R. M.
Lewis, G.
Nickels, H. H.
Nicholas, A. W.**
Read, W. B.
Richardson, J. P.
Rowe, T. M.
Sanders, F. G.
Tothill, F. J.**
WORLD WAR I.
Adams, H. D. M.
Aldridge, J. W.
Andrews, F. C.
Austin, L. A.
Bagot, G. E.
Bagot, J. F.
Barritt, F. C.
Bartholomaeus, R. R.
Beard, F. F.
Benham, C. B.
Berry, F. F. ${ }^{*}$
Best, S. H. T.
Birks, W. R.
Blue, W. B. *
Bottrili, S. J. J.
Bowden, O.
Bowden, W. E.
Bradshaw, H. S.
Brookman, N.
Brown, E. O.
Bruce, F. R.
Buchanan, G. M.
Byard, D. A. *
Campbell, A. L.
Camper, W. V.
Cargeeg, H. S.
Carter, W. A.
Chaffey, G. E. (M.M.)
Chapman, W. H.
Charley, W. T.
Clark, L. J.
Clark, W. F. D.
Clutterbuck, H .
Cobham, F. F.*
Cobham, R. S.
Congreve, W. K.
Connor, E. D. *
Conway, B.
Cooke, C. W.

Cumming, H. G.
Dealy, F. H. O.*
Dealy, T. S. O.*
Donnell, W. L. R.
Driscoll, W
Dunstone, C. L.
Dyer, S. R.
Entwistle, J. N.
Everard, W. I.*
Ey, H. C. (M.M.)
Felstead, T.*
Fitch, T. O.
Follett, M. A. (M.M.)
Fotheringham, N. S.
Frew, R. L. *
Fuller, B.
Fulton, D. (C.M.G., C.B.E.)

Gardiner, J. K.
Genders, S C.
Goddard, C. E. P.
Goode, A. F.*
Gordon, K. D. *
Graham, J. T.
Grant, J. E.
Grieve, A. C.
Haggard, W. D.
Hains, M. *
Hamilton, B. C.
Hamilton, K. T.
Hannam, J. G. J.
Hardy, J.
Hardy, R. C.*
Harrison, G. R.*
Harrold, L.
Haslam, S. H.
Hawker, A. S. (M.C.)
Heath, C. H
Henderson, G. K. (M.C., M.M.)

Hester, L. H. S. *
Heuzenroeder, E. G.
Hill, $R$.
Hocking, B. W. L.
Hocking, J. R.
Hodge, D. M.
Horrocks, J. A. *
Howard, H. H.
Howard, O. J.
Howie, S. G.
Hunter, M.
Inglis, $\mathrm{F}^{*}$ *
Inglis, W. E.
Ives, $G$.
Jacob, R. C.
James, E. R.
James, W. J. H.
Jarman, L. D. T.
Jones, E. W.
Judell, E M.*
Kay, W. M.
Killicoat, D. H. (D.C.M.)

Killicoat, P. D.*
Knabe, C. H.

Koch, F. R.
Kuhne, F. J.
Landseer, C. J.
Lawrence, R. K.
Leake, H. W.
Leishman, E.
LeMessurier, E. J.
Leppinus, C.
Lewis, G.
Lewis, J. P.
Magarey, A. W.
Main, H. McI.
Malpas, J. S. (M.C.)
Manuel, M. C.
Martin, F. O. H.
Martin, J C. V.
Martin, R.
Masson, G. G.
May, L. W.
Mazure, A. H.
McBride, R. H.
McCarthy, E. J.
McIndoe, R. H. F.
(O.B.E.)

McIntosh, A. F.*
McNeil, W. G.
Mengersen, C. H. F.
Morphett, A. H.*
Morrison, L. G. *
Mowatt, R. H.
Murray, J. T.
Naish, W. J.
Nesbit, H. P.
Neville, L. G.
Nickels, H. H.
North, C. J. R.*
Opie, S. B.
Orchard, H. H.
O'Grady, V. T.*
Packham, F. (M.M.)
Padman, E. G.*
Paltridge, J. W.
Pearse, H. L.
Phillips, F. L.
Pickering, P. H.
Pile, A. A.
Playford, E. F.
(O.B.E.)

Potter, F.
Pounsett, R. S.
Poynton, E. E.*
Preston, D. H.
Prevost, G. C. P.
Pryor, W. A.
Quinn, D. G.
Reed, S. H. DuVe.
Reynolds, H. J.
Richards, R. M. T.*
Richardson, P. S.
Roberts, G. E.*
Robertson, C. S.
Robinson, J. O.
Room, J. H.
Room, W. H.
Ross, W. A.

Russell, C. A. W.
Ryan, J. H.
Sanders, F. G.
Sandford, J. L. (M.C.)
Sandland, A. C.
Sandland, E. W.
Sandland, J. G.
Sangster, F. R.
Sayer, E. W
Scarlett, P. H.
Shadforth, W. H.*
Shakes, V. V.
Shekelton, J. B.
Sibley, H. E.
Simpson, A. C.
Smith, A. C.
Smith, D.
Snell, G. J.*
Snook, F. H.
Spicer, C. M.
Spicer, $R$.
Stanley-Low, C. J.
Stephen, H. H.
Stephen, A. V.
Stephens, C. F.*
Stevenson, J. A. B.*
Stewart, M. G. *
Stone, A. P.
Stuckey, E. E.
Sutherland, W. J.*
Symon, O. S.
Tamblyn, W. K.
Tassie, J.*
Taylor, B. M.
Tavender, S. E.
Thomas, C. M.
Thomson, J. L.*
Tilly, A. M.
Tod, P. A.
Treloar, F. J. (M.C.)
Trudgen, H. A.
Trumble, J. C.
Valentine, T. P.
Vohr, S. C.
Walkem, G. C.
Wallas, W. A.*
Walter, N .
Ware, C. J.
Warnes, G.
Watson, F. K.
Webb, G. R.
Wells, G. E.*
West, E. S.
Weste, M. O.
Wheaton, F. A.
(D.C.M.)

Whishaw. D.
Whiting, A. J. Wilkinson, L. F.*
Willcox, P. M.
Williams, G. R. B.
Wright, L. H.
Yeatman, E. P.
Young, I. S.

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HIGH PRESSURE CENTRIFUGAL PUMPS: 2 and 3 inch discharge, two or three stage, capacities to $\mathbf{4 0 0}$ gallons per minute, heads to 300 feet. Simple construction, low speed. Two Stage is suitable for belt drive or direct coupling to motor or engine. Three Stage suitable for direct coupling only. Maximum speed 2,000 R.P.M.


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## WORLD WAR II

Afford, H. D.
Alcock, C. R. (D.F.C.)
Allan, H. M.
Angove, T. W. C.
Arnold, G. K.
Arnold, J. M.
Bagenal, P.*
Baker, R. M.
Baker, W. J.
Barlow, D. A.*
Basedow, J. O.
Barritt, R. F.
Beaton, M. J.
Beck, R. G.
Bell, W. L. B.
Bidstrup, B. P.
Booth, B. L. S.
Bowman, A. P.*
Brandon, L. H.
Brechin, R. F.*
Britten-Jones, A. E.*
Brock, H. R.
Broderick, J. N.
Brookman, D. N.
Brookman, N. P.
Brown, C. P.
Brown, G. S. *
Brownell, P. F.
Bussell, B. W.
Butler, G. G.
Butler, M. S.
Butler, P. F.
Butterfield, R. M.
Camac, M. J.
Carr, H. C.
Cashmore, A. B.
Cashmore, V. (D.F.C.)
Chaffey, W. B.
Chapman, R. K. B.
Chapman, G. F.
Chapman, T. D.
Chewings, J. A.
Clark, H. N.*
Clark, W. F. D.*
Close, S. M. *
Clucas, F. C.*
Cock, J. R. (D.F.C.)
Coleman, R. S.
Cooper, R. S.
Cornell, J. R.*
Cosgrove, D. J.
Cotton, M. C. C.
(D.F.C.)

Cowell, C. H.
Crisp, F. G.
Cunningham, A. F. C.
Day, H. R. (D.F.M.)
Day, R. P.
Dean, W. T.
Diercks, L. D.
Dobson, K.
Dolling, C. H. S.
Dunn, J. M. *

Dunstan, T. E.*
Dunn, R. V.*
Eaton, H. G.
Elliott, C.
Emery, R. E. (M.M.)
STUDENT - SEVEN
Fairbrother, D. N.
Farmer, W. F.*
Fels, E. T.
Feuerheerdt, A. W.*
Feuerheerdt, F. M.
Feuerheerdt, R. M.
Fry, J. S.
Garrett, F. N.
Geddes, R. G.*
Gepp, T. L. W.
Gibson, D. M.
Gilbert, A. G. W.
Gilchrist, J. W.
Glynn, J. M.
Goldney, J. W.
Goldney, M. R. *
Goode, J. R.
Graham, W. O.*
Gramp, C. R.
Gransbury, B. W.
Green, R. L.
Gregory, A. A.
Grieve, A. C.
Griffiths, A. R.*
Griffiths, D. L. Gunson, A. M. W.*
Habel, J. D.
Hackett, W. M. C.
Halloran, C.
Hamilton, R. F.
Harrison, D. H.
Harvey, C. K.
Hay, R. C. (D.F.C.) *
Haydon, C. W.*
Hemmings, B. J.*
Heysen, M. R.
Hill-Smith, M.
Hilton, F. M.
Hooper, C. W.
Hooper, R. B.
Honey, H. M. W.
Horne, R. L. K.
Horwood, K. M.
Hughes, H. T.
Humble, A. E.
Hursthouse, J. W.*
Inglis, W. G.
Ingoldby, P. N.*
Irwin, C. F. P.
Jackson, G.
Jacobs, L. T.
James, L. F.
Jenkins, G. S.
Johnson, J. L.
Jones, W. H. *
Kay, C. C.
Kellett, M. G.
Kelly, C. W.

Kemp, H. K.
Lake, B. K
Lake, M. D. *
Lawes, A. S.
Legoe, J.
Lewis, G. B.
Ludbrook, W. N.
Lynch, L.
Mack, D. B. M.
Magarey, J. W.
Magarey, N. V.
Mallen, W. W.
Martin, H. M.
Martin, W. J.
Matthews, C. D.
Mayo, G. M.E.
McCarter, L. (M.C.)
McEwin, G. G.
MeGillivray, G.H.
McGillivray, N. R.
McKay, M. J.
McKerlie, R. N.
Michelmore, W. A.
Miell, B. W. G. *
Miller, N. B.
Minhard, P. F.
Mitchell, F. A.*
Monk, P. V.*
Morgan, C. R.
Morgan, D. H. *
Morphett, J. E. (D.F.C.)

Motteram, D S.
Muirhead, D. B.
Muller, A. A.
Murrie, D. I.
Nankivell, W. F.
Nourse, H. C.
Nottage, W. O.
Oldfield, R. E.
O'Neill, J. M.
Oppatt, A. L.
Orchard, E. H.
Orchard, H. E.
Orr, N. S.*
Pallant, G. B.
Parkin, $P$.
Pearce, J. L.
Pearse, S. F.
Pearson, F. B.
Plush, D. S.
Pocock, J. C.
Pollitt, C.
Pollitt, M.
Pownall, R. A.
Prance, J.
Prendergast, W. R.
Prider, V. A. H.
Prowse, D.
Pryor, K. E. (D.F.C.)
Pugh, P. K.*
Purbrick, R. M.
Pym, L. W.
Reddin, J. W.

Reid, B. K.
Reid, S. H. D.
Riceman, D. S.
Richards, M. H.
Richardson, R.T.
Riddell, J. S.
Roberts, $R$.
Robertson, J. D.
Robinson, J. O.
Roe, G. P.
Rose, J. C. W.
Rose, R. A.
Rudall, J. G. *
Russell, D. W.
Ryan, V. J.
Sampson, J. C.
Samuel, C. G.
Sanders, W. F.
Scarlett, P. H.
Searson, J. A.
Shackley, K. D.
Shannon, D. I.
Shegog, R. L.
Shipster, R. F.
Slee, C.
Smith, B. C. W.
Seppelt, P. S. *
Snodgrass, W. G.
Snook, E. J.
Sobels, C. L.
Spenser, J. S.
Spenser, L. V. (O.B.E.)
Stanford, J.
Stanley, J. L.
Stephens, R. F.
Stirling, R. B.
Suter, D. D.
Thomas, B.
Tiver, N. S.
Tod, P. A. (sen.)
Tod, P. A. (jun.)
Torr, T. H.
Tummell, J. LeH.*
Tummell, P. LeH.
Verco, J. W.
Walker, A. J. K.
Walker, D. W.
Walters, J. R.
Ward, S. A. (M.M.)
Warren, A. L.
Waters, A. H.
Welch, R. E.
Western, M. G.*
Wheaton, F. H.*
Whitfield, W. M.
Wilkinert, J. I.
Winser, R. L.
Wood, J. L.
Woodroffe, H. M. *
Woodroffe, K.
Woon, D. J.
Yeo, D.
Young, J. A. O.*
Young, P.

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## Roseworthy Old Collegians' Association

INCOME AND EXPENDITURE FOR PERIOD ENDING 30th JUNE, 1957


BALANCE SHEET AS AT 30th JUNE, 1957


Examined with Cash Book, Expenditure Vouchers, Bank Pass Books, and Minute Book and found correct. Securities have been verified.
29/7/57.
B. C. PHILP, Hon. Auditor.

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When you are buying a stationary engine, remember the name Ronaldson-Tippett - for reliability and true performance. Whether you need diesel, petrol or kero, Ronaldson-Tippett have the h.p. to do the job. Ronaldson-Tippett also manufacture:-

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- TURBO-MIST - SHEARING PLANTS, ETC.


## MEMBERSHIP ROLL

## New Members enrolled since October, 1956

BARTHOLOMEW, T. A. (1955-57)-Tom is Assistant Production Manager with the S.A.F.U., Mile End.

BUCKLEY, K. A. (1955-57)-Ken is Dairy Technologist at the Yahl Cheese Factory.

CAMAC, M. J. (1926-9)-Murray is managing a stud property at Modbury.
CHAPMAN, F. R. H. (1954-7)-Frank is managing the home property at Blackwood.

CREE, B. G. (1954-7)-Bruce is Field Officer at the College.

CREASY, W. O. (1955-6)-Bill is on the home property in the Clare district.

CUNNINGHAM, J. D. (1954-7)—David has returned to Pakistan.

DANIEL, R. R. (1954-7)-Rus is sharefarming with his brother at Long Plains.

DILLON, T. J. (1954-7) - Trevor is on a sheep property at Wilcannia, N.S.W.

DONNELLAN, J. R. (1954-7)-John is working on a cattle station in the Alice Springs district.

FLETCHER, C. E. (1954-7)-Chris is working on a property in the Forbes district, N.S.W.

FORWOOD, J. B. (1954-7)-JJim is a jackeroo on a property at Longford, Tasmania.
FROST, W. M. P. (1954-7)-Mick is at "Nalung," in the Bordertown district.
HAY, W. B. (1925-8-Bill gives his address as North Brighton, Victoria.
HEATH, W. J. B. (1954-7)-Bill has gone to New Guinea as an Agricultural Cadet.

JOHNSTON, A. A. (1952-7)-Alex has returned to the home property at McLaren Vale.

KRAUSE, C. M. (1954-7)-Colin is attending the Teachers' Training College.
MACROW, I. F. (1954-6)-Ian is managing the home property at Murray Bridge.

## R.O.C.A. MEMBERSHIP

| Total Members, 30/6/57 |  |  |  | ...... |  | 663 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Life (inc. 10 unknown) |  |  | ...... | $\cdots$ |  | 491 |
| Ordinary | . | ...... | ...... | ..... |  | 161 |
| Associate | ... | ...... | ..... | $\ldots$ | $\cdots$ | 5 |
| Honorary | . | ..... | $\ldots$ | $\ldots$ | $\ldots$ | 6 |
| Deceased | ...... |  | $\cdots$ |  |  | 8 |

MEINCK, H. H. (1954-7)-Hans is on the home property at Mount Gambier.
MESSENGER, J. J. (1955-7)—Jack is Field Officer at the Kybybolite Research Centre.
NEWLAND, C. T. (1954-7)-Clive is looking around New Zealand.

NICHOLLS, J. P. (1954-7)-John is on a property in the Keith district.

OLIVER, I. R. (1954-7)-Ian is working on a property at Waikerie.

PEDLEY, K. McR. (1954-7)-Ken has returned to the home property in Tasmania.
PUCKRIDGE, R. J. (1954-7)-Bob is working on "Emu Downs" at Keith.

RENK, P. (1954-7)-Peter has joined his brother on a property at Ballidu, West Australia.

RICE, I. M. (1954-7) -Ian has returned to the home property at Dutton.
RIEDEL, R. A. (1954-7)-Dick is working on a property at Virginia.
SCOTT, M. A. (1954-7)-Malcolm is on a property in the Keith district.
SEXTON, D. C. H. (1954-7)-David is working in the Mount Gambier district.
SEXTON, M. F. H. (1954-7)-Michael is working on a property in the Naracoorte district.

SHORT, I. R. A. (1954-7)-Ian has recently married, and is working in the Naracoorte district.

SUBHI A (1955-7) - Ahan is with the Department of Agriculture, Nicosia, Cyprus.
TEAGLE, R. D. (1954-7)-Ray has returned to the home property at Millicent.

TUCKWELL, K. J. (1954-7)-Kevin is on the home property at Angaston.

TUCKWELL, R. L. (1954-7)-Ron's address is 60 North Terrace, Kent Town.

VAN HOOFF, E. J. (1955-7)-Eddy is Assistant Manager at the Glencoe East factory.

NEW MEMBERS - 30/6/56-30/6/57
 $\begin{array}{lllll}\text { Life } & \text {...... ............................ } 11\end{array}$


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## MEMBERS

ABELL, M. R.-Wool classing instructor at the School of Mines, Adelaide.
ADDISON, B. W. J.-On a dairy farm at Meadows.
AFFORD, H. D. - Managing "Martindale Hall," Mintaro.
AGNEW, N. W.-On the home property at Curramulka.
ALCOCK, A. E. A.-With A. W. Sandford and Co., Adelaide.
ALCOCK, E. S.-Living in retirement at Mount Gambier.
ALCOCK, C. R.-Representative for Wilcox Mofflin in the Port Lincoln district.
ALDRIDGE, J. W.-Lives at 156 Esplanade, Grange.
ANDERSON, R. A.-Project officer at the Kybybolite Research Centre.
ANGOVE, P. C.-Senior Extension Officer in the Department of Agriculture.
ANGOVE, T. W. C.-Managing director of the firm, Angoves Ltd., Renmark.
APPLEBY, W. F. M.-Address is Box 359, Renmark.
ARMYTAGE, N. C.-Farming on the property, Wando Estate, Casterton, Vic.
ARNOLD, E. A.-Farming in the Steelton district.
ARNOLD, J. M.-Address unknown.
ASHENDEN, W. G.-Share-farming at Sheaoak Log.
AULD, G. P.-Address is North Bungaree, Andrews.
BADMAN, R. H.-Has a property at Frances, S.E.

BAGOT, G. E.-Address is 199 High Street, Penrith, N.S.W.
BAILEY, L. - On North Whydown Station, Yunta.
BAILEY, P. J.-Owns the property "Kinnora" in the Naracoorte district.
BAKER, R. J.-With Co-op Winery and Distillery Ltd., Loxton.
BALDWIN, G. B.-Doing Leaving Honours at the Adelaide High School.
BANYER, R. J.-At the Adelaide University doing Agricultural Science.
BARBOUR, E. J.-Address is Chidlow, W.A.
BARRARD, A. T.--Farming in the Lipson district, West Coast.
BARRITT, R. F.-Has a property at One Tree Hill.
BARRY, B. J.-Chemist at the Berri Co-op Distillery and Winery.
BARRY, K. J.-With the Lands Department at Loxton.
BARRY, J. B.-Winemaker chemist with Clare Co-op Winery.
BARRY, M. A.-With Lands Department at Cowell. Recently married.
BARTHOLOMAEUS, A. C.-On the home farm at Farrell Flat.
BARTHOLOMAEUS, R. K. - Share-farming at Farrell Flat.
BARTHOLOMAEUS, R. R.-Also farming at Farrell Flat.

BASCOMB, J.-Has a property at Mount Wedge, on the West Coast.
BASEDOW, J. O.-Is at Basedow Wines Ltd., Tanunda.
BEARD, F. F.-Resides at Fremantle, W.A.
BEATON, M. J.-Owns a sheep property in the Casterton district, Victoria.
BECK, R. G.-At "Lynwood Park," Mil Lel. Specialises in growing certified seed potatoes.
BECKWITH, A. R.-Technical manager at Penfold's Wines Ltd. at Nuriootpa.
BELL, M. S.-Technical supervisor for B. Seppelt \& Sons, Seppeltsfield.
BENZIE, A. C.-Address is Aldersyde, via Brooktown, W.A.
BESTED, M. O.-Owns a winery in the Griffith Irrigation Area, N.S.W.
BEVISS, A. C. K.-At Dookie Agricuitural College, Dookie, Victoria.
BIDSTRUP, B. P.-Is with Imperial Chemical Industries.
BILLS, A. H.--Lives at Broken Hill.
BIRKS, W. R.-Lives at Echunga.
BISHOP, R. J.-Agricultural Science Master at Scotch College, Adelaide.
BLACK, G. McG.-Farming in the Gladstone district.
BLAKE, R. J.-Employed in the wine industry with Seaview Wines.
BOND, I. P.-On a fruit block in the Loxton district.
BOTTING, G. W.-District Horticultural Adviser for the Central Hills District.
BOWDEN, O.-Member of the Land Board.
BOWEN, K. W.-With the Department of Agriculture as Dairy Adviser at Jamestown.
BOWYER, N. L.-On the home farm at Owen.
BRANDON, L. H.-With the Department of Lands at Murray Bridge..
BRAY, J. H.-Address is Germeine Street, Semaphore.
BROCK, F. D. L.-On a property at Coonalpyn.
BROOKMAN, D. N.-A member of the State Parliament and farming at Meadows.
BROOKMAN, N. P.-Has a property at Meningie.
BROWN, A. L.-Is doing wool classing.
BROWN, C. P.-Owns a grazing property at Millicent.
BROWN, D. W.-On the home farm at Alma.
BROWN, E. O.-Resides at 33 Marlborough Street, College Park.
BROWNELL, P. F.- Doing post-graduate work in Botany at the University.
BROWNRIGG, P. W.-Stationed at Naracoorte as Stock Inspector with the Department of Agriculture.
BULLER, R. L.-On the home vineyard and winery, "Calliope," Rutherglen.
BUICK, M. J.-Developing a property at Penneshaw, K.I.
BUNGEY, G. S.-Owns a property at Yankalilla.

Q. What advantage do stock gain from Fodder Crops?
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BURING, H. P. L.--Executive of the wine industry, George Street, Sydney.
BURGE, N.-At the home winery, near Lyn doch.
BUSSELL, B. W.-Dairy Instructor at the College.
BUTLER, F. O.-Address is "Myrtle Holme," Naracoorte.
BULTER, M. S.--Is on a property near Deniliquin, N.S.W.
BUTLER, G. G.-Owns a property near Wolseley.
BUTLER, P. F.-At the C.S.I.R.O., Head Office, Melbourne.
BUTTERFIELD, R. M. - Has a veterinary practice at Charleston.
CALLAGHAN, Dr. A. R.-Director of Agriculture, S.A.
CARR, H. C.-Lives at Mingenew, W.A.
CARRODUS, B, B.-Investigational Officer and Chemist at the College.
CARTER, W. A.-Address is 2 Grosvenor Street, Glandore.
CASHMORE, A. B.-Is the Commonwealth Agricultural Bureau Liaison Officer in Melbourne.
CASHMORE, V.-On a Soldiers' Block in the Mount Gambier District.
CASTINE, C. P.-Has a property in the Kybybolite district.
CATT, H. C.-Lives at 13 Angas Road, Lower Mitcham.
CATT, K. C.-Address is 22 Cambridge Terrace, Kingswood.
CHAFFEY, W. B.-With Edwards \& Chaffey, McLaren Vale.
CHAMBERS, W. B.-With the Stanley Wine Co., Clare.
CHARTIER, A. H.-Dairy Officer with the Department of Agriculture, Hobart, Tasmania.
CHEWINGS, J. A.-On a property at Cummins.
CHINNICK, M. F.-Owns a property at Yumali.
CHO, S. N. - Continuing his Agricultural studies at the Adelaide University.
CLARK, L. J.-Address is "Glenburnie," Darkan, W.A.
CLARK, M. R.-On the Government Research Farm at Elliott, Tasmania.
CLARK, E. J.-Address is 39 Ningana Ave., King's Park, S.A.
CLEGGETT, I.-Is doing wool-classing during the shearing season.
CLOTHIER, M. K.-Farming at Geranium.
COAT, J. L.-Address is Jamestown.
COLEBATCH, W. J.-Resides at Olinda, Victoria.
COLEMAN, F. W.-Has a farming property at Saddleworth.
COLEMAN, R. S.-With the Western Australian Department of Agriculture.
COLEMAN, W. O.-Developing a grazing property at Edenhope, Victoria.
COMLEY, I. F.-Has a nursery and lives at 66 Welland Avenue, Welland.
CONDON, B.-With his father in the factory at Port Pirie.
CONWAY, B.-Now living at Blackwood.

COOK, L. J.-Address is Balham Avenue, Kingswood.
COTTON, M. C. C.-On a property near Oberon, N.S.W.
COWAN, L. T.-On the property, "Riversdale," Balhannah.
COWELL, J. H.-Has a property on Kangaroo Island.
COWLEY, R. W. I.-Manager of the Blackwood Experimental Orchard.
COWLING, J. R.-On the home property at Norton Summit.
CRAWFORD, E. J.-With the Department of Agriculture, stationed in Adelaide.
CROMPTON, J. W.-On a property at Victor Harbour.
CROMPTON, P. D.--With Lasscock's Nurseries.
CROSBY, R. D.-Sales manager for Walter Reynell \& Sons.
CROMWELL, J. V.-On his father's fruit block at Mypolonga.
DAVIDSON, E. S.-Has the well-known "Paroona", property at Mount Barker.
DAVIDSON, J. L.-With his father at "Paroona."
DAVOREN, H. T.-Address is Penfold Road, Magill.
DAWES, A. C.-At "Old Canowie" Station at Hallett.
DAWES, W. L.-Managing a property in the Wirrega district.
DAWKINS, A. M.-Address is "Leamington," Gawler River.
DAWKINS, J. H.-Has retired and lives in Gawler.
DAWKINS, M. B. - Breeds "Leamington" Dorset Horns at Gawler River.
DAWKINS, W. J.-Well-known breeder of Dorset Horn sheep at "Newbold" Stud, Gawler River.
DAY, H. R.-Officer-in-charge of the Minnipa Research Centre.
DAY, L. J.-With his father at Bald Hill, Port Wakefield.
DAY, R. P.-Farming in the Reeves Plains district.
De CAUX, A. F.-Address is Willunga.
DE GARIS, K. L.-On the home property at "Kerami," Naracoorte.
DIERCKS, L. D.-With the Lands Department at Barmera.
DIXON, M. C.-Address is Statenborough Street, Leabrook.
DIXON, T.-Lives at 35 Kintore Avenue, Prospect.
DJEVDET, M.-Headmaster of R.C.S., Permagos, Cyprus.
DONALDSON, J. G.--Interested in grazing pursuits at Strathalbyn.
DOWNING, J. W.-Farming in the Mundalla district.
DRABSCH, A. W. R.,-Developing a property in the "Padthaway" district.
DUFTY, J. H.-Continuing his veterinary course in Sydney.
DUNN, G. W.-Lives at Ashbourne.
DUNN, H. P. K.-On the family property at Rudall.

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DUNN, L. A.-The address is "Waratah," Ashbourne.
EASTICK, B. C.-Living in Gawler, with a veterinary practice over a wide area.
EASTICK, G. A.-Address is 44 Kingston Crescent, Kingston Park.
ECKERT, E. L.-With Mildura Wines Pty Ltd., Merbein, Victoria
EDGE, W. S.-Divides his time between Glenelg and a property near Broken Hill.
EGAN, M. S.-On the home property at Portland, Victoria
ELLIOTT, K. A. - Address is 38 Harvey Street, Woodville Park.
ELLIS, J. O.-Has a property in the Mount Compass district.
ELLIS, W. W.-On a property at Mount Compass and developing another property at Lucindale.
EMERY, R. E.-Living at Kingston.
EMERY, P. J.-Address unknown.
EMERSON, A. M.-With the Lands Department, Penola.
EMMS, M. R.-On a grazing property near Naracoorte.
EVANS, B. B.-Working on Terramanya Station, via Broken Hill.
FAEHRMANN, G. W.-Address is Hahndorf.
FAIRBROTHER, G. E.-With Robert Bryce and Co., Adelaide.
FAWCETT, R. G.-Doing the Agricultural Science Course at Adelaide University.
FEUERHEERDT, F. M.-Address is 8 Avenue Road, Highgate.
FEUERHEERDT, R. M.-On the Waite Institute staff at Glen Osmond.
FISHER, G. P.-With a Stock firm at Naracoorte.
FLEHR, J. B.-Machinery salesman at Shepperton, Victoria.
FLETCHER, G. B.-Divides his time between the home property at Lewiston and a new property in the S.E.
FLETCHER, J. H.-Lives at 103 Eighth Avenue, Joslin.
FOLLIOTT, K. H. F.-On a property in Queensland.
FORD, M. W.-On a property in the northwest of Tasmania.
FORNACHON, J. C. M.-Director of the Wine Research Institute.
FOTHERINGHAM, N. S.-Living at Columbia Avenue, St. James Park.
FOULDS, R. S.-Manager of Mena Murtee Station, Wilcannia.
FREEBAIRN, A. J.-Farming in the Owen district.
FRENCH, R. J.-Research Officer (Soil Conservation) with the Department of Agriculture.
FRY, I. R.--Project Officer at Parndana.
FRY, J. S.-Has a property near Frances
FUGE, R. B.-Poultry Officer with the Department of Agriculture at Murray Bridge.
FULLER, B.- 65 Kings Cross Road, Kings Cross, N.s.W.
FULTON, Col. D.-Living at 41 Florence Street, Fullarton.
FUSS, G. H.-On the home property at Lyndoch.

FINNIS, H. J.-Secretary of the Royal Agricultural and Horticultural Society.
GARRETT, F. N.-Is on a block at Glossop.
GEDDES, C. O.-Farming in the Melrose district.
GEORGE, F.-Address is Brunswick Junction, Western Australia.
GEPP, T. L. W.-With the Department of Engineering \& Water Supply as an analyst.
GIBBISON, E. C.-With the L.D.E. at Penola.
GIBBS, H. C.-Lives at Poŕt Lincoln.
GIBBS, K. B.-Employed with Saunders and Gibbs.
GIBSON, L.-Employed in the canning industry and lives at Batlow, N.S.W.
GILBERT, A. G. W.--Managing director of an auto sales business in Sydney.
GILBERT, F. W.-Living in retirement at 10 Kyre Avenue, Kingswood.
GILCHRIST, J. W.-Lives at Barmera, and is Secretary of the Upper Murray Branch.
GILES, G. O.-Has a dairying property at Mount Compass.
GODDARD, A. C.-Address unknown.
GOLDING, D. A. R.-Teaching at Urrbrae High School.
GOODCHILD, A.-On a property at Balaklava.
GOODE, J. R.-In the wilds of British Guiana.
GORE, J. M.-Has a property at Inman Valley.
GORDON, D. W.-On the home property at Williamstown.
GORDON, J. L.-Address is 23 Shoreham Road, South Brighton.
GRAHAM, B. J. T.-With the L.D.E., Parn dana.
GRANSBURY, B. W.-Is on a property at Keith.
GREGORY, G. R.-With the Horticulture Section of the N.S.W. Department.
GREGORY, J. L.-On the home block at Renmark.
GREGORY, R. G.-Working on a property at Georgetown.
GREEN, R. L.-Lives at 11 Parade, Blair Athol.
GRIEVE, A. C.-Has a grazing property at Avenue Range.
GROSS, F. C. C.-District Agricultural Advisor stationed at Mount Gambier.
GUERIN, L. R.-On the home property at Solomontown.
GUERIN, P. D.-With the Tasmanian Department of Agriculture.
GUERIN, T.-On a property in the South East.
GUINAND, J. M.-Director of Emu Wines, Morphett Vale.
GURSANSKY, J. A.-With Barossa Canneries.
GWYNNE, E. C.-Address is 9 Harrow Road, St. Peters.
GUY, R. L.-Running a road transport business.
HABEL, J. D.-With the Department of Agriculture as Stock Inspector at Port Lincoln.

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## GOLDSBROUGH'S

HACKETT, W. M. C.-Manager for Tarac Manufacturing Co. at Nuriootpa.
HAGERSTROM, R. C.-Field
Conservation at Jamestown HAGLEY, R. E.-Manager Hardy \& Sons, Mor Thomas HAINES, C. E.-Teacher at Urrbrae High
School. HALL, A. C.-The address is Tea Tree
HALL, B. G.-District Agricultural Advisor, stationed at Loxton.
HALL, S. E.-Associated with Geo. Hall and Sons Ltd., Norwood.
HAMDORF, P. M.-On the home property at Parrakie.
HANCKEL, N. P.-Has a vineyard and orchard property at Angaston.
HANISCH, A. T.-In the Tanunda district.
HANNAFORD, B. G.-Dairy Officer with the Department of Agriculture.
HANNAFORD, V. G.-At the Mil Lel Cheese Factory.
HARDY, D. J.-Employed at the vineyards of Thomas Hardy \& Sons. McLaren Vale.
HARDY, R. G.-Oenologist in the home winery.
HARKER, B. S.-Has a Service Station in Adelaide.
HARKNESS, R. S.-Sheep farming at Lang
Koop, Victoria.
HARRIS, K. D.-Has a property at Coona-
HARRIS, W. J.-On a fruit block at Monash.
HARRISON, D. H.-Managing a property at Mt. Compass.
HARVEY, R. G. M.-Has a property near
Bordertown.
HASELGROVE, C. P-Managing director of Walter Reynell \& Sons.
HASELGROVE, H. R.-Address is Wootoona Terrace, St. Georges.
HAYES, N. F.-Is on a property at Robe.
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VERCO, C. E.-Lives at Encounter Bay.
VERCO, J. W.-Has a farming property in the Strathalbyn district.
VICKERY, J. E.-With Leo Buring Pty. Ltd.
at Tanunda.
VON DOUSSA, F.-Has a grazing property in the Naracoorte district.
WALKEM, G. C.-Gives his address as Mount Barker.
WALKER, A. J. K.-Chief Agricultural Adviser with the Department of Agriculture.
WALKER, D. W.-Has a Soldier Settlers' Block in the South-East.
WALKER, J. P.-On a grazing property in
WALKER, N. J.-With Romalo Wines at Magill.
WALTERS, J. R.-Address is Panalatinga Pastoral Co., via Naracoorte.
WARD, K. W.-Manager for S. Wynn \& Co. at Magill.

WARD, S. A.-Has a grazing property at Keppoch, via Naracoorte.
WARD, W. P.-With the L.D.E. on Kangaroo Island.
WARREN, J. R. H.-Address is Tintara House, Currie Street, Adelaide.
WATERS, A. H.-On o property at Frances.
WAUGH, I. M.-With the Dairy Section of the Department of Agriculture.
WEAVER, F. F.-Owns a property in the Kapunda district.
WEBB, G. R.-Farming near Boorean, Vic.
WEBBER, G. D.--Project Officer at the Turretfield Research Centre.
WEIDENHOFER, K.-Technical manager, Renmark Growers' Distillery.
WELCH, R. E.-On a property at Keith.
WEST, E. S.-Manager of the Irrigation Research Centre, at Griffith, N.S.W.
WESTE, P. O.-Chemist with Buring and Sobels at Watervale.
WHEATON, R.-Living in retirement at Kingscote, K.I.
WHEATON, E. L.-Farming at MacGillivray, K.I.
WHEATON, F. A.--Has a property in the Redhill district.
WHICKER, S. E.-Inspector (Land Valuation) with the Commonwealth Taxation Department, Adelaide.
WHITINGTON, P. - With Golden North Dairies at Laura.
WHITLOCK, E. P.-With the Australian Broadcasting Commission in Tasmania.
WIESE, G. E.-Farming in the Bordertown district.
WIGG, D. R.-Doing Medicine at the University.
WILKINS, E. D.-Dairy Factory Inspector, Stationed at Mount Gambier.
WILKINSON, A. N.-On the home block at Morgan.
WILKINSON, J. I.-Owns the property "Tungali," at Mount Crawford.
WILLIAMS, H. G.-On a property at Medingie.
WILLIAMS, S. G.-Agricultural Adviser stationed at Streaky Bay.

WILLIAMS, J. L.-Wynvale Vineyards, Modbury.
WILSON, C. C.-On a property in the Horsham district, Victoria.
WILSON, D. B.-With the Tasmanian Department of Agriculture.
WILSON, H. C.-Address is Werribee, Vic.
WILSON, R. J.-Lives at 81 Downshire Road, Elsternwick, Victoria, and is trying to form a Victorian Branch.
WINNALL, T. V.-District Agricultural Officer with the Tasmanian Department of Agriculture.
WINN, D. B.-Project Officer at the Minnipa Research Centre.
WINSER, R. L.-On the land in the Kalangadoo district.
WISHART, R. L.-Horticultural Adviser living at Angaston.
WOODROOFE, K.--Farming near Coleraine, Victoria.
WOLLASTON, D. L.-Address is 61 Brookside Avenue, Tranmere.
WOOLFORD, R. C.-With Dalgety \& Co. Ltd., Adelaide. Recently married.
WOOLMER, G. R.-Agriculture Instructor at Yankalilla Area School.
WOON, D. J.-Farming at Pyap, near Loxton.
WRIGHT, L. H.-His address is Freeling.
WRIGHT, M. J.-With the Soils Division of the C.S.I.R.O. at Alice Springs.
YEATMAN, M. H.-With Woodley Wines Ltd., Glen Osmond.
YEATMAN, E. P.-Address is 29 North-East Road, Walkerville.
YEO. D. H.-President of the Upper Murray Branch. Address is Box 90, Barmera.
YOUNG, G. J.-Project Officer, Soil Conservation at Cleve.
YOUNG, P. J.-Has a Soldier Settlers' Block at Kybybolite.
YOUNG, B. S.-On a sheep and cattle property at Kalangadoo.
YOUNG, P.-Address is Kalangadoo.

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Robinson, T. K.
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