

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

AGRICULTURAL COLLEGE

ROSEWORTHY, SOUTH AUSTRALIA.

Minister for Agriculture:

Hon. S. R. WHITFORD, M.L.C.

THE STAFF.

Principal and Lecturer in Agriculture:

Mr. W. R. BIRKS, B.Sc.(Agric.).

Housemaster, Secretary, Accountant, and Lecturer in Book-keeping:

Mr. W. H. COWPER, L.I.C.A.

Lecturer in Chemical and Physical Sciences:

Mr. A. R. HICKINBOTHAM, B.Sc., Dip.Ed.

*Lecturer in
Mathematics, Physics, and Botany:*

Mr. A. J. ADAMS, M.A.

*Experimentalist and Demonstrator in
Agriculture:*

Mr. T. A. COLE, D.D.A.

Farm Superintendent:

Mr. L. W. BEAUMONT, R.D.A.

*Lecturer in Dairying and Superintendent of
Dairy:*

Mr. R. BAKER, R.D.A.

*Superintendent of Live Stock and Lecturer in
Animal Husbandry:*

Mr. J. E. MORROW, H.D.A.

Cerealist:

Mr. F. S. OLDHAM, Dip.Agric.

*Superintendent of Poultry and Lecturer in
Aviculture:*

Mr. F. W. GILBERT.

Gardener:

Mr. W. G. FAIRLIE.

Lecturer in Surveying:

Mr. A. T. GREENSHIELDS.

*Lecturer in Veterinary Hygiene, Physiology,
Anatomy, and Entomology:*

Mr. W. G. BENNETT, B.V.Sc.

*Supt. of Vineyard, Orchard, and Lecturer in
Viticulture, Fruitculture, and Oenology:*

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

Mechanical Engineer:

Mr. H. R. NOURSE.

Assistant Experimentalist:

Mr. V. M. FAIRBROTHER.

Assistant Mechanic:

Mr. W. R. HAYDON.

Laboratory Assistant and Librarian:

Mr. J. P. EGAN.

Assistant Farm Superintendent:

Mr. A. E. GURNER.

Lecturer in Woolclassing:

Mr. A. H. CODRINGTON.

*Lecturer in Field Engineering and Building
Construction:*

Mr. G. E. LANE.

Assistant Secretary: Mr. B. C. PHILP.

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Patron: His Excellency the Governor (Sir Alex. Hore-Ruthven, K.C.M.G., C.B., D.S.O.),

President: Dr. A. E. V. Richardson.

Vice-President: Mr. W. R. Birks, B.Sc. (Agric.).

Vice-Patrons: Hon. J. Cowan, M.L.C., Hon. R. T. Melrose, M.L.C., Professor Perkins, and
Mr. W. J. Spafford.

Committee: Dr. A. E. V. Richardson, Messrs. W. R. Birks, W. B. Robinson, W. J. Colebatch,
A. T. Jefferis, R. Hill, R. H. F. Macindoe, R. C. Scott, A. B. Cashmore, W. J.
Spafford, G. E. Robinson, E. C. Gwynne, and W. J. Dawkins.

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

Secretary and Treasurer: Mr. J. L. Williams.

ROSEWORTHY AGRICULTURAL COLLEGE

STUDENTS' ROLL LIST, 1930-31.

III. Year.

BADMAN, R. H.
BEVISS, A. C. K.
BROWN, C. P.
FREEBAIRN, Q. F.
HANCOCK, A. D.
HAY, A. G.
HERBERT, H. W. L.
HOOPER, A. C.
KEMP, H. K.
PARSONS, G. T.
PURBRICK, R. M.
RANDELL, E. R.
RICEMAN, D. S.
SMITH, C. A. N.
WHEATON, F. H.
WIESE, G. E.

Degree Student.

DAY, G. P.

II. Year.

APPLEBY, W. F. M.
BECKWITH, A. R.
BELL, W. L. B.
BRECHIN, R. F.
CHANT, C. H.
CLARK, H. N.
DAWKINS, E. W. L.
De ROPP, R. S.
EARDLEY, D.
EARDLEY, W.
HORNE, R. L. K.
HUBBLE, G. D.
HURN, H. R.
JOHNSON, R. L.
KILGOUR, J. C.
KLOSE, S. R.
McCARTER, L.
MIELL, R. W. G.
MORPHETT, J. E.
PENGILLY, A.
SAMPSON, J. C.
TELFER, D. I.
TORR, T. H.
WIESNER, N. C.
YOUNG, G. O.

I. Year.

BENSON, R. P.
CHAPMAN, R. K. D.
CHARLICK, J. N.
CRISP, F. G.
DUNN, R. V.
FENNING, J. H.
GEE, B. R.
GIBBNIS, D. S.
GIBBS, H. C.
HANNAM, W. H.
HENDERSON, R. J.
HONEY, H. M. W.
HOOPER, F. H.
JONES, I. L.
McALLAN, J. A.
McAULIFFE, J. G.
MILLER, N. B.
MILNER, D. N.
NATION, R. P.
NOONAN, J.
PACKER, R.
PATERSON, H. R.
PEDLER, G. M. V.
POLLITT, C.
POWNALL, R. A.
ROEDIGER, K. F.
SANDERSON, B. A.
SOBELS, L. T.
TURNER, E. A. R.
WANNAN, D. C.
WOODHAM, H. P. B.

OFFICE-BEARERS, 1930.

President of all Committees: The Principal.

The Student Committee—

Manager—Mr. A. R. Hickinbotham.
Editor—H. W. L. Herbert.
Sub-Editor—R. Beckwith.
C. A. N. Smith, R. F. Brechin, B. R. Gee.

The Sports Union—

Chairman—The Sportsmaster (Mr. R. Baker).
Secretary—C. A. N. Smith.
Treasurer—Mr. B. C. Philp.

Delegates—

Football: A. C. Hooper and R. F. Brechin.
Cricket: A. C. K. Beviss and H. R. Hurn.
Tennis: A. D. Hancock.
Rifles: A. G. Hay.
Swimming: H. W. L. Herbert.
Athletics: G. E. Wiese.

Football Committee—

Manager: Mr. R. Baker.
Captain: Mr. J. L. Williams.
Vice-Captain: A. C. Hooper.
Secretary: R. F. Brechin.
A. C. K. Beviss, W. L. B. Bell, D. C. Wannan.

Tennis—

Manager: Mr. R. Baker.
Captain: A. D. Hancock.
Vice-Captain: R. H. Badman.
Secretary: E. W. L. Dawkins.
L. McCarter, J. H. Fenning.

Cricket Committee—

Manager: Mr. J. L. Williams.
Captain: To be elected.

Vice-Captain: To be elected.

Secretary: W. L. B. Bell.

A. C. K. Beviss, A. C. Hooper, H. R. Hurn,
N. B. Miller.

Swimming—

Manager: Mr. J. E. Morrow.

Captain: To be elected.

Vice-Captain: To be elected.

Secretary: H. W. L. Herbert.

C. P. Brown, W. Eardley, L. McCarter, D. N.
Milner.

Athletic Sports—

Manager: Mr. T. A. Cole.

Secretary: A. C. Hooper.

G. E. Wiese, R. F. Brechin, W. F. M. Appleby,
R. V. Dunn.

Dance Committee—

Manager: Mr. W. H. Cowper.

Messrs. W. G. Bennett and F. W. Gilbert.

A. C. K. Beviss, D. S. Riceman, E. W. L.
Dawkins, J. E. Morphett, R. J. Henderson,
R. K. Chapman.

Rifles—

Captain: Mr. T. A. Cole.

Treasurer: Mr. F. S. Oldham.

Secretary: A. G. Hay.

Mr. L. W. Beaumont, D. S. Riceman, J. E.
Morphett, G. O. Young, F. G. Crisp.

THE STUDENT

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Editorial

AGRICULTURAL EDUCATION : IS IT NECESSARY?

In his address at the opening of the Darling Laboratory at the Waite Institute recently Dr. Richardson made a plea for more research and education in agriculture. He pointed out the direct value of such a policy, quoting the example that one bushel of wheat per acre increase would mean £3,000,000 annually to Australia, and 10 lb. more butter-fat per cow £2,000,000 annually. The subject of agricultural improvement is of vital importance to us, and our national existence depends on the rate of our progress compared with that of rival nations.

During a period of such financial difficulty as the present our system of agricultural education should come under direct inquiry, as all expenditure entered upon by the State must justify itself even from a

monetary point of view alone. South Australia spends one-thirteenth of its total Budget on education, and in some countries, such as Holland, Denmark, and Sweden, this reaches one-fifth. The importance attached to agricultural education in some other countries may be seen from the following.

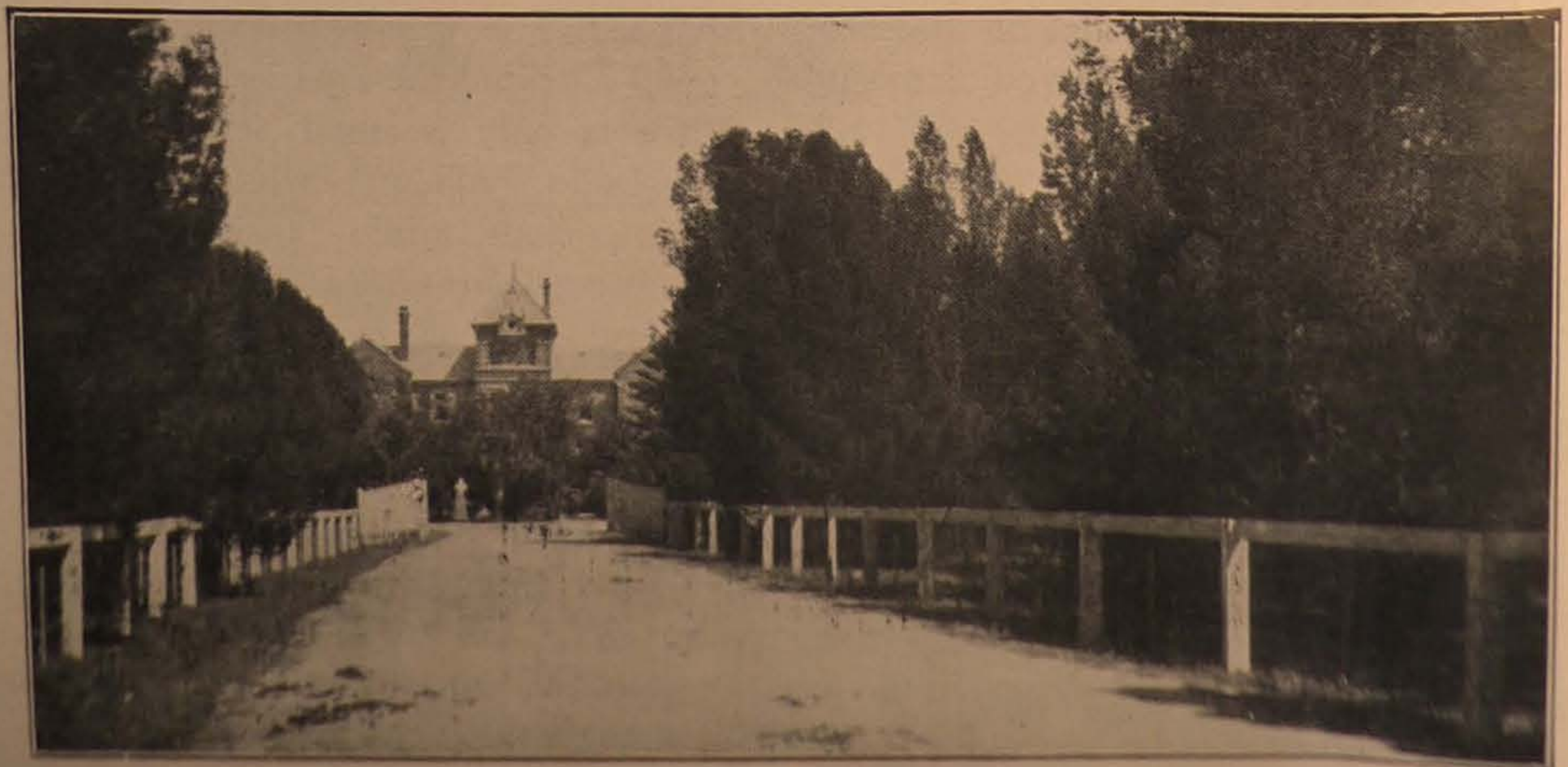
In England the area available for agriculture is only a small fraction of that of Australia. Primary production is relatively unimportant, and is a sideline in Government consideration. England has fourteen agricultural colleges, costing approximately £312,000 annually, of which £20,000 is distributed in scholarships. Criticism is continually being levelled at the system by Englishmen, who maintain that its greatest defects are in its incompleteness and the fact that the Counties are not compelled to provide agricultural education.

The present situation in America is interesting. The amount allotted for agricultural education in U.S.A. is £12,800,000 per annum, and is the largest item on the educational bill. Of this sum five and a half millions is spent on agricultural colleges, and the remainder on experiment stations and departments of agriculture, and practically every Federal Congress for many years past has materially increased this expenditure. On the basis of the population of South Australia being one two-hundredth of that of U.S.A., our proportional allotment is £27,000 on agricultural colleges. Fourteen thousand American students are taking a degree course in agriculture. South Australia has less than one-fifth of a proportionate number, and in the High Schools of U.S.A. 130,000 are doing specialized agricultural courses.

Take, for comparison, a single representative State such as Iowa, with a population of two and a quarter millions (four times South Australia) and an area of 55,000 square miles (one-seventh of South Australia). Iowa has an agricultural college with a capital value of £800,000, at which 1,500 full-time students (twenty times South Australia) and 7,000 part-time students attend. This is indicative of the general trend throughout America. Yet

U.S.A. has an enormous production from its secondary industries and a huge export trade. How is it that we, who rely solely on our exported primary produce for our credit overseas, lag so far behind? Whatever the faults we may point at the Americans, a keen business sense is one of their attributes, and they would not embark on any such expenditure were they not firmly convinced that the expense was directly coupled with increased returns.

As a State the well-being of our primary industries is the controlling factor of our existence. In the past our prosperity has been due to the fact that our primary industries have been economic and progressive. Now, other countries which are in world competition with us are striding ahead by the direct application of science to their agriculture, and we are faced by the possibility of becoming crippled in both industry and production. There is no reason why we should not keep pace with them in their progress, and even lead instead of being content to follow. The only method of doing this and averting the calamity of becoming a back number in world consideration is by general and permanent improvement in our agriculture, and to achieve this economically our policy must be a comprehensive system of agricultural education.



Current Events.

NEWS AND COMMENTS.

Here we are again back at the old spot, but this year rather earlier than usual, the College having opened on the 3rd March. As far as numbers are concerned the College is, let us say, "chock-a-block."

For the Exhibition now open in Adelaide the College has a stand on which are exhibited various items both interesting and instructive to those engaged in agricultural pursuits. Much of the exhibit has been specially prepared, and many of the specimens have been borrowed from the College Museum. It was transported to Adelaide on a four-horse wagon, the trip taking the two students in charge three days, and we hear that their masterly handling of their four-in-hand in the busy intersections caused quite a sensation.

Regarding seeding operations, several paddocks have already been drilled into a dry seed-bed, and we are now awaiting a few points of rain to start the crops germinating. Crouch's C has been quite a busy scene, as there were four cultivators, three drills, and one combine working there at the one time.

Late in March we were fortunate in being able to witness a game of water-polo played in our own swimming-pool. North Adelaide supplied both teams, and this club spent a very pleasant afternoon here, although the wind was rather nippy. The North Adelaide Club had an easy victory; but still, this must not dishearten R.A.C. swimmers, for their opponents are one of the best of the city clubs. A new spring-board has been erected at the pool, and is very springy, as compared with the old board.

Football practice has commenced, despite a few warm days and a very hard ground, and has been taken up with the usual enthusiasm. Considerably more than half

of last year's team have left, but we are not short of promising material. Mr. J. L. Williams has been elected Captain, and we feel that the College is doing well in taking advantage of his experience.

The tennis-courts have been fairly busy, a ladder has been instituted, and a few matches have been played. A tennis team will most likely visit Hawkesbury in June, as well as a rifle team. These will represent us, we hope, in the annual competitions with Dookie and Hawkesbury.

Concerning recent operations at the College, crutching has been finished, some inexperienced shearers trying their hands at it for the first time (poor sheep!). We were sorry to see quite a number of the old gums cut down for firewood during the last few weeks, and, also, the trees which have previously been used for sheaf-tossing practice and competitions have bowed their heads and hit the earth. The old oval now looks rather bare, with the loss of these trees, and it will probably be a few years before they again have a good-size leafy coat.

Troops of Girl Guides and Boy Scouts have recently been formed in the district, with headquarters at the College for the children of staff members and others in the vicinity. So far they have not been largely patronized by the students, however. The moving spirits in this fine enterprise have been Mr. and Mrs. Cowper. Land has been purchased and a fine hall erected almost opposite to the College.

On the 29th of March a dance was held in the hall and several students attended. The hall was officially opened on 12th April by Lady Hore-Ruthven.

The wireless has now been put into commission, and praise is due to J. C. Kilgour, whose untiring efforts have made the set an efficient instrument. The daily

broadcast programmes are now listened to by many "corridor inhabitants."

The total amount of wine manufactured this year is 1,550 gallons, made up as follows:—Dry red, 1,200; port, 140; hock, 120; and claret, 90 gallons. Given a normal rainfall, R.A.C. should produce three times this amount, but the vines passed through a very dry period, dropping the bulk of their leaves towards the end of the season.

The College has acquired more of the appearance of a thriving village than ever with the erection of three new houses for members of the staff. One has been erected near the wine cellars for Mr. Williams, a second for Mr. Nourse at the back of the old vineyard and to the right of the old football oval, while the third, for the Chemistry Lecturer, is close to the College at the bottom of the old vineyard. All these houses have been built throughout with South Australian timber, mostly *Pinus insignis*, from the State forests.

During the early part of the year we suffered under two unusually severe heat waves. We understand that the first only missed the record in duration by one day, and the temperatures recorded for the thirteen days January 30 to February 11 were—94, 97.5, 100, 101.5, 95, 96, 105, 93, 93.5, 102.5, 109, 105, 99.

In the second, though temperatures averaged just as high, the hot spell lasted for only ten days. Fortunately, the humidity was fairly low during practically the whole of both these periods, and we did not find them as distressing as they might have been.

This year a Light Horse Troop has been formed at the College, and is part of the 23rd Light Horse Regiment. It is known as Troop No. 2, and is under the leadership of Capt. A. S. Blackburn, V.C. Nineteen have joined from the College, including several of the staff, and there are prospects of more joining soon to make up the

complete unit. To date three parades have been held. During Easter several attended the Gawler Camp, and from all accounts had a good time. They passed the recruits' course in machine-gun shooting, and it is rather noteworthy that Mr. Oldham won a prize against all comers, with the machine gun.

* * *

CALENDAR.

- April 26—Football Season opens.
- May 15—Small Dance.
- June 2—First Terminal Examinations.
- June 11—End of First Term.
- June 10-13—Proposed visit to Hawkesbury.
- June 18—Winter School opens.
- June 26—Winter School ends.
- July 1—Second Term begins.
- August 8—Annual Sports and Ball.
- September 12—Second Term ends.

* * *

1930 ENROLMENT.

The following is extracted from the Principal's report of activities during February, 1930:—

By the end of the month the College roll was filled and the first term this year opens on 3rd March with the record attendance of 75. This is the maximum number that can be accommodated in the College buildings at present, and it has been found necessary to turn away 15 other candidates for admission this term.

Of the 75 students now on the roll the following statistical details may be quoted. The average age of all students is 18 years: sons of farmers or other primary producers number 32, or 43 per cent. of the whole. On the educational side, 45 have passed the Intermediate examination and 19 the Leaving Certificate examination. Eighteen, or approximately one-fourth of the total, have already commenced or contemplate completing the course for the degree of Bachelor of Agricultural Science. Twelve students are

the sons or brothers of previous students, three have been sent from other States of the Commonwealth, and three hail from overseas. Twenty-eight students hold scholarships, which are classified thus: sixteen Government Scholarships, ten provided by the Educational Department and two by the Repatriation Department.

* * *

STAFF CHANGES.

On such a large staff as ours it is inevitable that there should be frequent changes. This term Mr. Woods, the Assistant Chemist, has left us to take an excellent position on the staff of the Department of Agriculture in Melbourne. He is greatly missed, especially on the sporting side. During his two years here he was consistently successful with the bat for the First Eleven, and he was our No. 1 in tennis. We are glad to hear that he is pleased with his new position, and wish him all good luck and every success.

Students of the last decade will be glad to know that Mr. Jefferis is now well settled on his property at Willunga, and is pleased with his new venture.

Mr. Jefferis joined the College staff in October, 1921, as State Agricultural Chemist and Lecturer in Chemistry. As an Old Student of the College he was fully conversant with student life, and this, together with the experience gained as a member of the staff of a sister institution in Queensland, fitted him admirably for his position at Roseworthy. Ever ready to assist and easy of approach, he soon commanded the respect and esteem of his fellow staff members, as well as the students with whom he came in contact.

In addition to the usual lecture routine Mr. Jefferis engaged in agricultural research work, the most notable achievements in this direction being the work conducted in connection with seed-pickling tests and the value of some South Australian fodders.

He took a great interest in College sport. He was a valuable member of the College First Eleven both with the bat and ball, whilst at tennis he was no mean exponent. From 1927 until his retirement in 1929 he was Sportsmaster, in which position he did much to foster College sport.

For a number of years Mr. Jefferis was Editor of "The Student." In this capacity he found scope for his literary ability, and during his editorship the magazine lost none of its former prestige.

The Old Collegians' Association received his fullest support, both as a member and latterly, as a committeeman.

Mrs. Jefferis always associated herself with any movement which had for its aim the advancement of College life, and, particularly on the social side, her loss will be keenly felt.

Prior to their departure Mr. and Mrs. Jefferis were the recipients of a pair of petrol lamps from the students, whilst as an expression of their esteem and regard, the staff presented their departing officer and his wife with a "Handy Worker."

* * *

THIRD-YEAR NOTES.

We returned this term, after an enjoyable vacation, with high hopes for an enjoyable and, we trust, a very successful year. Our ardour was somewhat damped by the knowledge that we were losing five of our old year mates. To those that have gone we wish the very best of luck, and trust that we shall be able to attain to the "heights of Olympus" even without them.

We wish to congratulate Hay and Hooper on their appointments as Councilman and Vice-Councilman respectively, and under their leadership the Year should be well to the fore. Congratulations are also due to the Year's representatives on the different Committees and to those elected to the Sports Union.

The educational trips have been much appreciated, even if the first was marred by some little discomfort to the legs and stomach. It is highly probable that, if the stomach juice could have been titrated against a standard alkali at lunchtime it would have proved to be rather more than a decinormal acid solution.

Added interest was attached to the second trip by virtue of a Third-year Race through Port Adelaide, which was won by Mr. Randell after a close finish. In the same race, Mr. Hickinbotham was disqualified for attempting to gain an unfair advantage by boarding a tar-lorry. Several wharf labourers were unable to decide whether we were training for a race or racing for a train, and those of us in the rear were spurred on by them.

A slight modification of the old adage "Never put off until to-morrow what you can do to-day" is to be found in "Never put off 'Wicker' work until to-Morrow."

The following conundrums may be of interest:—

When did the Bu Hick?

When he saw the Beau mount.

When did the cow purr?

When it saw the Par-Snip.

Why wouldn't Joe 'old 'em?

Because he wanted to see Bert Nurse 'em.

* * *

SECOND-YEAR NOTES.

Extract from Sam Pepys's diary:—

"This day to R.A.C. to see a jolly band of fellows—to wit, II-yrs.

"5 a.m.—Do hear queer rumblings from upstairs and corridor, as dairy team prepares for duty among muttered undertones.

"7 a.m.—Gong doth sound, followed by bursts of clapping and cheering from plantation-wards. Learn that II-yrs. are about to report. Later take peep at farm as smiling faces come up to office. Observe three faces brighten when dispatched to whitewashing. Washers saunter off amid muffled chuckling of remainder, who disperse to various duties. Few minutes later, rumble of drays, clatter of yankees, plod of passing horses, indicates work begun. Upon inquiry, doth discover that these bold fellows be strong in numbers (many hath returned from former year, and complement further increased by influx of aliens direct) and champions on the sports field. Am told that they carry honours in athletics, swimming, and cricket.

"5.25 p.m.—Doth creep by dairy, farm, and plots, but doth find all busy, anxious to do great work in closing day. No one doth inquire the time of day. And then to tea, where

am told that upstairs No. 8, a keen musician, who nightly gives to the world his tortuous music, resides. 'Tis whispered his name is Baron, though for his safety, his name is held from publication.

"11 p.m.—At home and am amazed at day's happenings. Doth feel greatly pleased to have met such a first-class group of fellows."

* * *

FIRST-YEAR NOTES.

First-year notes for the College Rag? Why, certainly, for who is better equipped by experience for this task than a fresher? We number thirty all told, including one who arrived since the first census was taken. Waste no sympathy on him, for, as he lives only eight miles away, he must have known what was before him.

We take this opportunity of congratulating Wannan and Dunn on holding the positions of Councilman and Vice-Councilman respectively, representing the First-years in these offices.

Having known each other for a week or two we might now look round and prognosticate and possibly make a few suggestions.

First, we seem to have two or three possibles for the football team this year, provided they are not handicapped by injury—a possible contingency, we hear. We wish them luck, and promise to see that they do not ruin their training by overeating at meals. Several have volunteered to see to this.

Secondly, there is a feeling abroad that the Cyclist is going to be dux. This is doubted by those in the know, who aver that such is impossible, because his books will be worn out long before then.

Thirdly, we would very respectfully suggest to those responsible for allotting the farm marks that they put all the 20's and 19's into the hat last instead of first, which, we gather, is the accepted practice.

Lastly, why does "G" occur in all our troubles. We must never wag, jag, or hag while here. We suffer gag, rag, and fag, but fortunately there is also mag, sag, and bag.

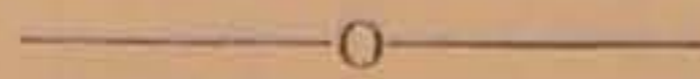
We have learnt much since coming here. For instance, the sun really does rise. Also, that the sheep is an animal of innumerable ribs. Also that there is plenty of hot water here, but it is not all in baths.

We wish to correct the rumour that one of our number thought that the milking-stool was for the cow to sit on. He really thought it was for the instructor. Likewise, we deny that during the initiation we were put through a threshing-machine.

Following the lead of our estimable seniors, we conclude with two conundrums which won't be answered in our next issue, viz.:—Who put the sob in Sobels? and who put the Wood in the incinerator?

EXCHANGES.

We acknowledge with thanks the receipt of copies of the following magazines:—"Prince Alfred College Chronicle," "Gatton College Magazine," "Adelaide High School Magazine," "The Longerenong Collegian," "The Hawkesbury Agricultural College Journal," "The Muresk College Magazine," "The Dookie Collegian," "S.A. Teachers' College Magazine," "St. Peter's College Magazine," "The Sheaf," "Narrogin School of Agriculture," "The Scotch College Magazine."



Precis of

The Principal's Report.

Speech-day, January, 1930.

The Principal first expressed our regret at the absence of the Premier and the Minister for Agriculture, who we had hoped would be present, and our pride and pleasure in having the Commissioner of Crown Lands, the Hon. G. F. Jenkins, an Old Student of the early 'nineties, to preside at the celebration of the closing of the forty-fifth year of College history. He also paid a tribute to the sympathetic administration of the Hon. J. Cowan, M.L.C., our Ministerial head.

The number of enrolments reached the record total of 73, of which 72 were in residence at one time. The student register might be divided into decennial periods of average enrolments of 18, 44, 52, and 59, and now it appeared that the total of 70 would be maintained again next year. These figures indicated the constantly increasing strength and popularity of the College.

Of the 73 students mentioned 17 have University matriculation and 15 contemplate taking the degree of B.Ag.Sc.—a record probably unique in the history of Agricultural Colleges in Australia. Forty-three per cent. had gained their Intermediate certificates, a qualification we ultimately hoped to make compulsory.

An innovation had been a course for B.Ag.Sc. students of the University, which involved theoretical instruction in all College technical subjects. These students must do a practical course during their vacations. This course, which does not give the Diploma, had been completed by three students from the Teachers'

Training College. The students included six other Education Department trainees, three of whom had now won the Diploma. All these would strengthen the agricultural teaching in the Department's schools, and they are an illustration of the mutually advantageous co-operation that has existed between the Department and the College in recent years.

A tribute was paid to the memory and admirable qualities of the late Mr. W. T. McCoy, and congratulations were extended to his successor in the Directorship of the Department of Education, Mr. Adey.

Old Students who had distinguished themselves during the year included A. B. Cashmore, who completed his B.Sc. course, and W. V. Ludbrook, who had been awarded a travelling scholarship by the Commonwealth Council of Scientific and Industrial Research. K. Weidenhofer (1927) had proceeded to Montpellier College, in France, to take a special course in winemaking.

Gratifying successes of Old Students on the land were too numerous to mention now, and reference was made to the fact that, during the year, five graduates had availed themselves of the provisions of the Agricultural Graduates Land Settlement Act.

Improvements at the College included new refrigerator equipment and a vehicle-shed, with farm office, store, and harness-room. A metal road, now continuous for the first time, connected the College with Roseworthy, portion of the funds for which had been provided from the College vote. Three new staff-houses had been

built by the Architect-in-Chief's Department, using South Australian timber, and the closer quartering of the staff had resulted in better co-operation and improved administration.

The combined fallow and crop season had been the driest on record, and, while some crops were practically failures, those sown on fallow had yielded well, some being above the average. The practical work of students has been very good, equipment was efficient, a record area of 1,150 acres had been sown, and 500 acres of fallow had been prepared, while 300 acres of stubble had already been broken up.

In field experiment work 250 acres were harvested, the amount of irrigation work had been increased in orchard and vineyard, and the high position held by our piggery and dairy studs had been well maintained. The South-down stud had been strengthened and the equipment of the poultry-yards improved.

The disastrous conditions suffered in recent years by the woolgrower were reflected in the lighter clip and lower prices obtained, the net return being about one-third of the average of a few years ago.

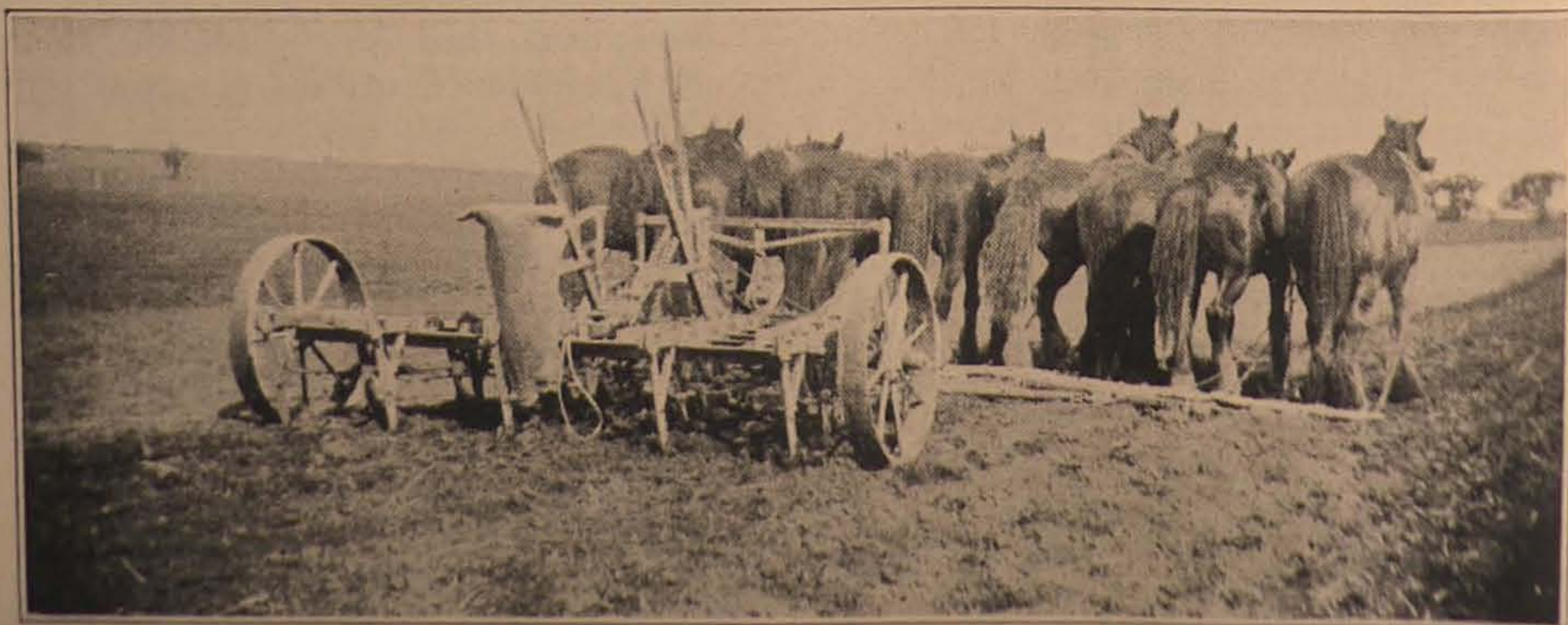
In scholastic work the policy of enlarging the scope of the theoretical work and raising the standard without sacrificing practical efficiency had been continued. The work done by students had been good, and it included a certain amount of reading and independent investigation in many cases.

Of the eighteen Seniors, 14 gained their Diplomas and four had supplementary examinations to complete. A total of 396 Diplomas had been won. References were then made to the most successful students in the prize-list, which is given in detail below.

In sporting activities the students had an active and successful year. A rifle club has been inaugurated, and this had enabled us to send a team to compete for the Australian Agricultural Colleges Rifle Shield. In the competitions for this, and the Tennis Shield, held at Dookie, we were, however, unsuccessful. The next meeting would be held at Hawkesbury in June.

A large percentage of students had been active in our three cricket and two football teams entered in local competitions, and our Tennis and Swimming Clubs had held frequent matches with other Clubs. Medals awarded for the best and fairest players in both Senior and Junior competitions of the Gawler Football Association were both won by members of College teams, namely, L. V. Spencer and V. A. Martin. The Cricket team would retain the Barritt Shield if it won it this year, and was in a strong position. Credit for the success of sport largely rested with L. V. Spencer, Captain of both Cricket and Football, and Winnall, Gerken, Ellis, Cuthbertson, Parsons, and Glynn.

Staff changes included the appointment of Mr. W. G. Bennett, B.V.Sc. (succeeding the late Dr. F. E. Place), the promotion of Mr. J. L. Williams to Lecturer in Viticulture, Horticulture, and Oenology, the appointment of Mr. A. R. Hickinbotham, B.Sc., Dip.Ed., as Lecturer in Chemistry (vice Mr. Jefferis, resigned), of Mr. A. E. Gurner as Assistant Farm Superintendent (in place of Mr. Gilmour, who went to study at the Melbourne University), and recently Mr. Woods, Assistant Chemist, had resigned to accept a position on the staff of the Agricultural Chemist for Victoria.



The New Cultivator. This implement was completely constructed in the College workshops.

In conclusion, thanks were tendered to all those very numerous friends of the College who contributed so much to its success during the year just past.

PRIZE-LIST.

DIPLOMA LIST (in Order of Merit).

Diplomas of the Second Class.

V. A. H. Prider, with honours in Viticulture, Dairying, Vet. Science, Woolclassing, Aviculture, Physiology, and Microbiology.

J. A. Hurn, with honours in Microbiology and Mathematics.

J. O. Kitto, with honours in Surveying.

H. A. Reschke, with honours in Viticulture, Aviculture, and Oenology.

L. V. Spencer, with honours in Aviculture.

R. N. Mellor, with honours in Aviculture and Mathematics.

W. W. Ellis, with honours in Book-keeping and Mathematics.

P. J. Hamlyn.

F. K. Parsons.

R. A. Rose, with honours in Building Construction.

L. G. Harrison, with honours in Aviculture.

J. L. Cuthbertson.

J. Legoe.

J. G. Heggie.

SPECIAL COURSE (Second Year of B.Ag.Sc. Course).

Pass Examination.

R. I. Herriott, with honours in Vet. Hygiene, Woolclassing, Aviculture, Oenology, Building Construction, and Physiology.

K. A. Elliott, with honours in Book-keeping, Woolclassing, and Physiology.

B. G. Walters, with honours in Agricultural Chemistry, Woolclassing, and Physiology.

SPECIAL AWARDS—THIRD-YEAR STUDENTS.

Gold Medal (presented by the R.A. & H.S. for the highest aggregate in all Diploma subjects), V. A. H. Prider.

Second Aggregate Prize (presented by Mr. G. Jeffrey), J. A. Hurn.

Old Students' Cup (presented by the Old Collegians' Association for the highest aggregate in Agriculture and Vet. Science), P. J. Hamlyn.

Practical Examinations (presented by the members of the Advisory Board of Agriculture), F. K. Parsons.

Outside Work (presented by the Albert Molineux Memorial Trust), J. L. Cuthbertson.

Agriculture (presented by the Principal), K. O. Kitto.

Morphett Medal and Prize for Dairying (bequeathed by the late Mr. A. H. Morphett), L. V. Spencer.

Oenology (presented by the S.A. Vinegrowers' Association), A. H. Reschke.

Ploughing (presented by the Director of Agriculture), J. L. Cuthbertson.

The Haselgrove Prize in Viticulture (presented by the late Mr. C. F. Haselgrove), H. A. Reschke.

Sheep Husbandry (presented by Mr. W. S. Kelly), L. V. Spencer.

Farm Diaries (presented by Mr. L. W. Beaumont), L. G. Harrison.

Identification of Farm Seeds (presented by Mr. W. F. Leake), W. W. Ellis.

Book-keeping (presented by Mr. W. H. Cowper), W. W. Ellis.

Farm Machinery Prize (presented by Messrs. Clutterbuck Bros., Adelaide, Ltd., for knowledge of farm machinery)—First, F. K. Parsons; Second, J. A. Hurn.

SPECIAL AWARDS—SPECIAL STUDENTS.

Agriculture and Farm Diaries (presented by the Principal), R. I. Herriott.

Book-keeping (presented by Mr. Cowper), K. A. Elliott.

SPECIAL AWARDS—SECOND-YEAR STUDENTS.

Dux of the Year (Silver Medal, presented by the Gawler Agricultural Society), C. A. N. Smith.

Second Aggregate Prize (presented by the College), A. C. Hooper.

Agriculture (presented by the Principal), C. A. N. Smith.

Farm Diary (presented by Mr. L. W. Beaumont), A. Hancock.

Morphett Prize in Dairying (bequeathed by the late Mr. A. H. Morphett), C. A. N. Smith.

Outside Work (presented by the Albert Molineux Memorial Trust), A. Hancock.

The T. C. H. Buring Prize in Viticulture, A. C. Hooper.

Animal Husbandry (presented by Mr. J. E. Morrow), C. A. N. Smith.

Botany (presented by Mr. A. J. Adams), H. K. Kemp.

Identification of Cereals and Grasses (presented by Mr. W. F. Leake), A. Hancock.

Fruit Culture (presented by Mr. J. L. Williams), H. W. L. Herbert.

SPECIAL AWARDS—FIRST-YEAR STUDENTS.

Dux of the Year (Bronze Medal), R. Beckwith.

Second Aggregate Prize (presented by the College), J. C. Kilgour.

The Morphett Prize in Dairying (bequeathed by the late Mr. A. H. Morphett), R. Beckwith.

Outside Work (presented by the Albert Molineux Memorial Trust), J. C. Kilgour.

Agriculture (presented by the Principal), R. Beckwith.

Farm Diary (presented by Mr. L. W. Beaumont), E. W. L. Dawkins.

Physics (presented by Mr. A. J. Adams), R. Beckwith.

Botany (presented by Mr. A. J. Adams), R. Beckwith.

Mathematics (presented by Mr. A. J. Adams), V. A. Martin.

Anatomy (presented by Mr. W. G. Bennett), R. Beckwith.

Identification of Farm Seeds (presented by Mr. W. F. Leake), R. S. de Ropp.

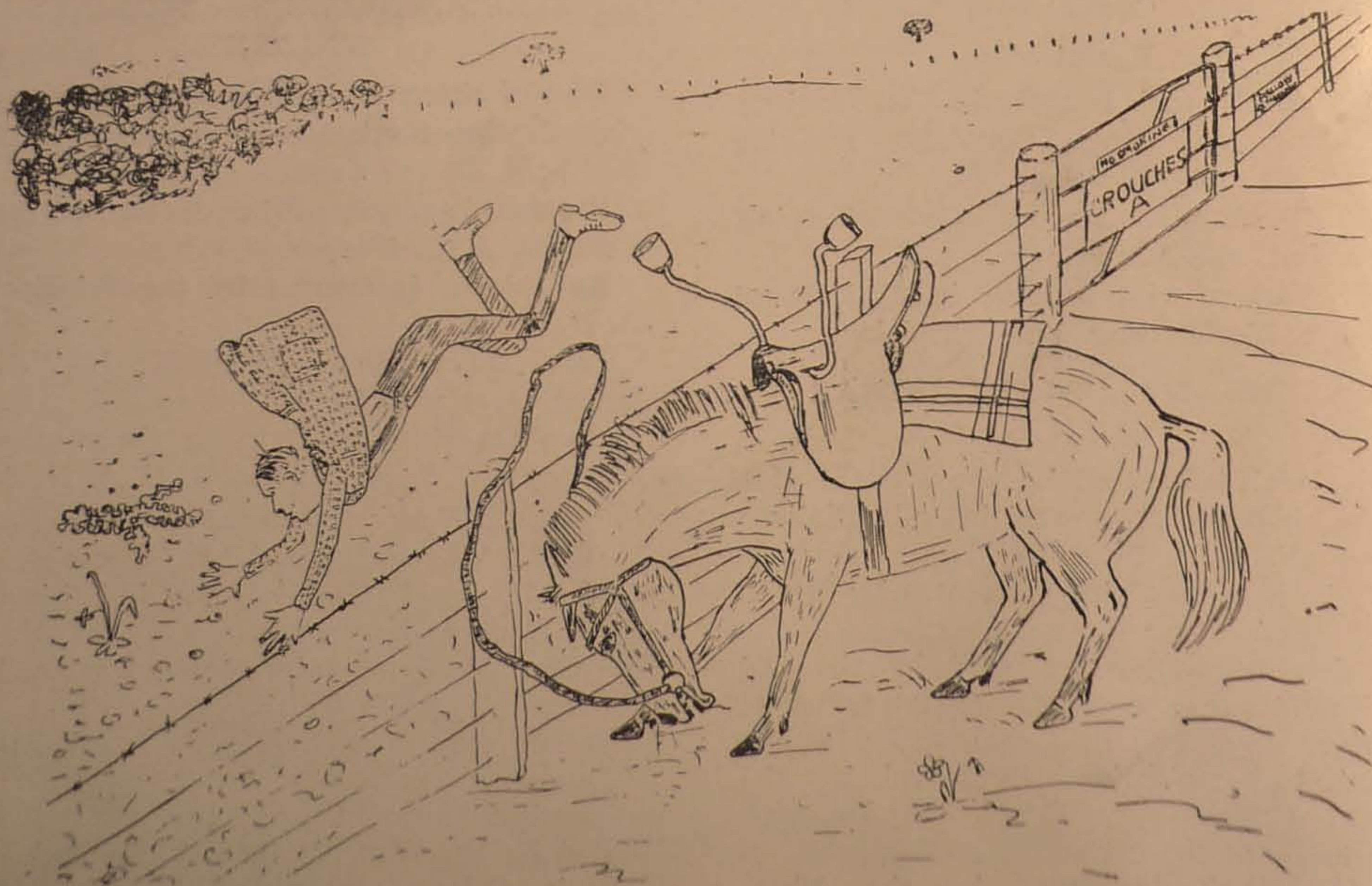
Menzies Prize (presented by Mr. D. Menzies to the most consistent trier who has not secured any other prize), G. O. Young.

Contributions.

CONCERNING "OBS."

Much of the College demesne has been fallowed for the coming seasons's crop, and, owing to the multitude of controlling factors, such as straw, paddy-melons, and radicolae, they provide excellent comparative examples for our benefit. It would appear that this fact has already been realized by a few of the ultra-enthusiastic students, two of whom, to steal a march on

the remainder, under cover of dusk saddled up two of the cavalry's stock. As evidence on this matter is very scarce, very few know rightly what happened next, but subsequent events suggest that, having emerged from the farm-gate, one experiencing a little difficulty in getting his mount to proceed in the right direction, the other trotted on past the irrigation plots, and took a cursory glance at Crouches



DISMOUNTED.

A. As the fallow turned out to be particularly interesting he dismounted for further inspection, and found such an abundance of information that he spent the whole of his available time examining it, taking special note of such telling factors as consolidation. The darkness gathering quickly, he reluctantly slung the rein over his shoulder and turned meditatively towards the farm, meeting his comrade (now as far as Plot J), who had progressed and retrogressed along a course chiefly notable for its diversity of latitudes and departures. But the fractious animal was eventually pacified to a great extent by the shame of having the sterling qualities of the other held up in an exemplary and cutting manner. The remainder of the exploit was uneventful, but, in conclusion, it is noteworthy that sufficient evidence was brought back to give to any statements subsequently made the finality that truth always secures.

However, these souvenirs have been carefully tied up and kept from the inquisitive gaze of the populace. Reference has already been made to the scarcity of information, and, owing to this, this account has been compiled practically wholly from circumstantial evidence, but not totally so, for it is reported from reliable authority that some specimens brought back were at once stained with iodine, evidently to obtain a direct bacterial count, or to prevent further growth of pathogenic colonies, the latter being thought more probable.

NICO DEMUS.

AN ANONYMOUS POEM.

A warrior named Clark,
 For a bit of a lark,
 Grew his whiskers a foot long and over.
 You've heard, too, of course,
 That he joined our Light Horse;
 'Twas his idea of natural cover.

THE HAWKESBURY RIVER.

When travelling by train from Sydney on the Main Northern line, nothing of singular importance awaits the traveller until the train is nearing the famous Hawkesbury River.

On emerging from a short tunnel the view changes from mountain scenery to seascape. The grey arches of the Hawkesbury River Bridge are viewed, in the distance, from near the summit of a steep hill.

The train descends the steep slope rapidly until it reaches sea-level, where it draws into the station. Leaving the station the train runs along a low embankment of earth which, together with a short iron bridge, spans a narrow arm of the river. From here another tunnel is entered, and, upon emerging, the famous bridge can be seen, a bare two hundred yards distant.

During the War this bridge was strongly guarded, lest any attempts were made to sever the only rail connection with Brisbane and the North. This was no unnecessary precaution, for several attempts were made to blow up the bridge, but they were prevented by the vigilance of the guard. While passing over the bridge the great depth and swirling waters below cause quite a giddy sensation on looking down.

After passing over the bridge the line runs along a ledge cut in the side of the hill. The sheer hillside towers above on the one side, while, at a distance of a few feet on the other, there is a drop of several feet to the water.

The river flows into Broken Bay; its waters are quite salt, and are everywhere used for oyster-beds. A number of pieces of wood, eighteen inches to two feet in length, are placed in the sand at low tide, and to these the baby oysters cling. They are fed daily with bran, and they remain attached to the wood until they are sufficiently large to be gathered and sold at the markets.

The river at this point is almost half a mile in width, and opens out into Broken Bay. With the hills on every side, the whole scene resembles a large lake with the train moving round the edge. Thus, at sunset, when all is calm, the reflection of the golden-tipped mountains in the placid stillness of the waters presents a truly magnificent panorama.

R. M. P.

* * *

The Frankeleyns Tale.

The following account of the early days of the Roseworthy College has been written by Mr. A. M. Dawkins, of Angle Vale, a foundation student of the College, and one who has never lost touch with us since his own days here. We hope to make this the first of a series of articles which will bring the history of the College along, year by year, to recent times.

Mr. Dawkins, who writes of the year 1885, also sent along some of the first examination papers set at the College. These are very interesting "antiques," which we greatly appreciate.

—1885.—

At the opening of the Roseworthy College on the 3rd of February, 1885, the Minister of the day did not attend, thinking, no doubt, it was unworthy of his presence. So the College was opened with the assistance of a few friends of agricultural education, and the proceedings made a great impression on us. One speaker said—"The eyes of the colony are on the students, and upon their success will the prosperity of the College depend." And, being so few, we felt this a heavy load to bear.

For the first year, which was divided into two sessions, the students were divided into two classes called Practical and Scientific. The scientific class was not supposed to do any practical work, but had to pay higher fees. Afterwards the few scientific men joined with the practical class, and the scientific class was cut out.

The fees for practical students were £50 per annum, and we had the privilege of working at 3d., 4d., and 6d. per hour, or were put on piecework. Later the fees were reduced and payment for work was stopped.

For the first six months there was not a textbook in the College and only Professor Custance to teach. His brother was Farm Manager, and there were three farm hands—two for the teams and one for stock and odd jobs. In the first session Professor Custance lectured on agriculture (including stock and animal life), botany, mechanics, mensuration, surveying, entomology, and book-keeping. He was a man of restless energy. One would think this was enough to keep him employed, but he would on occasions lecture to farmers and he answered by letter all sorts of inquiries. An extract from his first report will show something of the forcefulness of his character. Drawing attention to the lack of teaching help, he wrote:—"A resident assistant to help me in teaching the subjects mentioned in the prospectus was refused more than once, consequently some of the subjects have not been taught. Our work, therefore, during the past session has been guided to some extent by the fact that my physical strength would not permit me to work longer than from 6.30 a.m. to 10 or 11 o'clock at night, including Sunday work as well."

There is a good story of the Professor that will stand retelling. There was a law case about fallowing, and the lawyer argued that fallow was land left out to grass. Professor Custance was called to prove otherwise. The lawyer, subsequently a famous K.C., held up a dictionary and asked him if he did not admit that as an authority. "The author of that dictionary knows no more about agriculture than you do" was the Professor's crushing reply.

I remember Professor Custance telling us that we could learn something from

everybody we met if we knew how to get the information. Even the tramp on the road could teach us how to light a fire in the open or a pipe in the wind.

On one occasion Professor Custance called me into his study and said he wished to have a game of cricket—the staff to play the students. “I want Mr. Exer and you to do the bowling, and you, as captain of the students, will act in that capacity for the staff.” The Professor always addressed the students as “Mr.” I was swelled up with importance, being able to say to the “Pro.,” as we called him, and the staff, “Do this and he doeth it, go and he goeth,” and we had a very enjoyable game. The staff won, owing mainly to the hurricane hitting of Exer and the fact that the students were without their regular bowlers.

One incident of this game lives in my memory. Mr. Brown, the Conservator of Forests, was fielding at mid-wicket when a ball was hit with terrific force straight for him. He did a right about turn, got the ball on the seat of his pants, and hopped like a kangaroo, causing roars of laughter from both staff and students.

There were fifteen students at the opening of the College, and at the beginning of the second session sixteen. We would start at 6.30 a.m. with a farm class, when we would be taken over the farm, and, in a conversational way, matters of interest would be discussed, and we would try to learn the cause of differing growth, why

one patch was growing better than the rest of the field, or why some parts had failed. The students were encouraged to ask all kinds of questions on subjects suggested by the work we were doing.

Two students had dropped out during the first session, and the second one opened with three new students, and now we had a cricket team with umpire and scorer complete. The first match was played with an Angle Vale team and was won by the College. Our leading bowler secured six wickets for six runs.

Our books arrived from England about this time, and Mr. Molesworth was engaged to teach Chemistry, which was done in a tin room. Mr. Brown, the Conservator of Forests, gave some lectures on tree culture, and the late Thomas Hardy gave an address on the cultivation of the vine.

The Government of the day were discussing the need for a remedy for red rust, as the wheat crops were spoiled and the sample and yield ruined by this disease. Professor Custance held the opinion that, as in the case of phylloxera of the vine, the remedy would be found in developing a rust-resistant wheat. Many of the farmers were quite in the dark as to what caused the trouble, and the common idea was that a rush of sap caused it to break out like the gumming of trees, and there was many a doubting Thomas when Professor Custance explained that red rust was a fungus—a parasite that grew on living green plants—and that there was not only one but two rusts. Professor Custance did a lot of work with the microscope on take-all, and gave it as his verdict that it was a fungus too, growing on the stem at ground-level of the plants.

The students were a very happy family, and no fagging or tom-foolery had any part or lot in our life, and we hoped in this respect that our example would be followed by those who came after us.



The Piggery.

I am afraid, though, that there has been a little falling away in this respect with latter-day students—more's the pity. We felt that students at Roseworthy were entering into manhood, and had put away childish things.

On the farm many experiments were tried and all kinds of fodder plants were grown, because there was a need to get something that would give green fodder in the summer. Of all that were tried lucerne was the most successful; sorghum and thousand-headed kale were also a success. Many tons of mangolds were grown and sold to the ostrich farm for feeding the young ostriches. This farm was some three miles to the south, and has since been moved to Port Augusta.

Ensilage was made in a hole dug in the ground; there were no proper silage pits in those days. It turned out very good ensilage. A stud of Berkshire pigs was founded, the late Hon. J. H. Angas supplying most of the pigs. The less said about the dairy herd the better. There was a flock of merino sheep—I think 800, but I am not sure. I do know they were hand-fed, and all the straw was mixed with hay and chaffed and fed to them with pulped mangold and turnip roots, and any kale and sorghum available.

The great trouble in those days was the water supply, and many of the dams were dry. These, since the Barossa water was laid on, have been filled up with the exception of the present swimming-pool. We drilled the wheat, but the manure had to be broadcast as the combined seed and manure drill was not then invented. Of all the manures tried Professor Custance claimed that superphosphate gave the best returns used, I think, at the rate of from 2 to 4 cwt. per acre. I remember him stating that the use of nitrogenous manures was disappointing both in Japan (from

whence he came here) and in South Australia, a result quite different from English experience, and that for some reason not yet discovered they did not give the same results.

In looking back on Professor Custance's work, even if everything he advocated was not a success, he was a man of vision, a long way before his time, and it was a pity he did not stop a year or two longer at Roseworthy to clinch his work. He was the finest teacher I ever sat under; he made the subject so clear that, if the student was like the wayfaring man, he could not err therein.

Our Sundays were a dreary sort of day, but the ministers of the various Churches in Gawler came and conducted services. This was interesting, as it brought home to us that the viewpoints of all of them were much the same, widening our outlook and making us more charitable. If no preacher was available Professor Custance gave an address, always teaching that it was not creed and profession that mattered so much as character, not orthodoxy or blowing of trumpets and beating of drums, but right living. Mrs. Custance saw to the music and took charge of the organ, much to our joy.

The students formed a Literary Society and Mock Parliament. Members wrote papers on agricultural matters, which were discussed and criticized. Questions were debated and mock parliaments held. All this was valuable educational experience, as it taught students to speak in public and to be able to state their views and debate questions on a public platform.

I look back on the twelvemonths spent at Roseworthy as one of the most pleasant and profitable of my life. It gave me a foundation on which to build, and taught me to think and to learn.

Sport.

Colours Awarded, 1929-30.

At the final meeting of the Sports Union last term the following Colours and Badges were awarded:—

Cricket—

Colours : A. C. K. Beviss and J. A. Hurn.

Badges : D. N. Fairbrother, H. R. Hurn, D. N. Green, and W. L. B. Bell.

Football—

Colours : J. McM. Glynn, H. A. Reschke, A. C. Hooper, and A. C. K. Beviss.

Badges : D. N. Fairbrother, B. G. Walters, V. A. H. Prider, E. W. Dawkins, F. S. Shepherd, A. L. Gerken, and V. A. Martin.

Swimming—

Colours : T. V. Winnall, R. N. Mellor, and N. H. Ferguson.

Badges : G. G. S. Kimber, H. A. Reschke, F. S. Shepherd, and R. M. Purbrick.

Rifles—

Colours : D. S. Riceman, A. G. Hay, F. K. Parsons, and R. A. Rose.

Badges : R. L. Johnson, G. O. Young, G. T. Parsons, and J. C. Sampson.

Tennis—

Colours : J. L. Cuthbertson and K. A. Elliott.

Badges : A. D. Hancock, G. Hart, R. H. Badman, and B. G. Walters.

Athletics—

Colours for Champion Athletes, 1929 :
T. V. Winnall, A. L. Gerken, and
A. C. K. Beviss.

—o—

Cricket Notes.

During the past season the College has had three teams playing regular games in the local competitions. Two of these, the A1 and A2

Teams, entered the Senior Association, the agreement being that the A1 Team should be the best team that we could put into the field, so that the A2 Team was really the College Second Eleven. This arrangement naturally weakened our representation in the District Competition, in which we were represented by our Third Eleven.

Smithfield, who have gradually built up a fine all-round team over the past few years, were premiers this season, and we heartily congratulate them on their success. The difference between our two senior teams has not been as pronounced as might have been expected, and, since Colours are only awarded to members of the A1 Team, those selected in the A2 Team have been keen to show their ability and graduate to that team.

COLLEGE A1 TEAM.

The season opened with high prospects of winning the F. E. Barritt Shield, which will be presented to the team gaining the premiership of the Gawler Oval Association three times, not necessarily in succession. Smithfield, South Gawler, and College A1 have now each won the premiership twice. Next season will thus be extremely interesting.

At a meeting of students L. V. Spencer and J. McM. Glynn were elected Captain and Vice-Captain respectively, while the Committee consisted of—Third-year representative, J. A. Hurn; Second-year, D. N. Fairbrother; First-year, H. R. Hurn; with Captain and Vice-Captain. The Selection Committee comprised Spencer, Glynn, and F. von Doussa.

A. C. K. Beviss and J. A. Hurn were allotted Colours for outstanding displays throughout



New Wagon-shed and Farm Office.

the season, while badges were voted to J. A. Hurn, Beviss, Fairbrother, Green, H. R. Hurn, and Bell. The honour of being the best fieldsmen was well earned by Spencer, who kept wickets brilliantly throughout the season. Spencer and Beviss are to be congratulated on their batting and scoring of centuries. The latter gained the fine aggregate and average of 579 and 289.5 respectively in Association matches. Von Doussa bowled exceptionally well, topping the bowling averages at the low cost of 14.1 runs per wicket.

ASSOCIATION MATCHES.

COLLEGE A1 v. SOUTHS

Played on Gawler Oval on 12th and 19th October. South won the toss and batted, compiling 203, with a good deal of luck (May, 66; Hurn, J., 5 wickets for 52 runs). The College retaliated with 251 runs for 9 wickets, Beviss being unable to bat. Spencer played an excellent innings of 105, of which 48 were from boundaries. Von Doussa played a particularly valuable innings, occupying the wickets for over an hour at a critical time. Scores:—

SOUTHS.

First innings, 203 (Beviss, 2 for 59; von Doussa, 3 for 49; Bell, 0 for 25; Hurn, H., 0 for 6; Hurn, J., 5 for 52).

COLLEGE A1

First Innings.

Mr. Woods, c. May, b. Wasleys	29
Glynn, c. Wasleys, b. Forgie	0
Hooper, b. Middleton	16
Fairbrother, c. Rudall, b. Wasleys	33
Spencer, c. Forgie, b. Wasleys	105
Klose, l.b.w., b. Sharpe	0
Von Doussa, b. Rudall	27
Hurn, H. R., not out	12
Hurn, J. A., c. Ford, b. Rudall	2
Bell, c. sub., b. May	14
Sundries	13

Total (for 9 wickets) 231

COLLEGE A1 v. SMITHFIELD.

Played at Smithfield on 26th October and 2nd November. Smithfield won the toss and sent us to the wickets. Except for the splendid 154 by Beviss, the bowlers had the best of the game. Beviss's score included 4 sixes and 20 fours. Smithfield made 202 for 7, playing a slow and cautious innings to avoid defeat. Beviss again excelled, taking 4 wickets for 89. The match ended in a draw, Smithfield wanting 73 runs with 3 wickets to fall. Scores:—

COLLEGE A1

First Innings.

Mr. Woods, c. Alexander, b. Bain	24
Glynn, c. Bowman, b. Riggs	9
Beviss, c. Bowman, b. Twelvetree	154
Spencer, b. Riggs	4
Mr. Williams, c. Bain, b. Bowman	24
Fairbrother, l.b.w., b. Aldridge	20
Hooper, b. Twelvetree	0
Von Doussa, c. Alexander, b. Twelvetree	20
Hurn, H., run out	0
Mr. Hickinbotham, not out	4
Hurn, J., not out	1
Sundries	16

Total (for 9 wickets) 275

SMITHFIELD.

Seven wickets for 202 (Beviss, 4 for 89; Hurn, 2 for 38; Hurn, 0 for 8; von Doussa, 0 for 25; Williams, 0 for 14; Hickinbotham, 0 for 11).

COLLEGE A1 v. COLLEGE A2.

Played on College Oval on 9th and 10th November. Ellis, the Captain of the A2 Team, won the toss, and decided to field. The A1 Team gave their opponents 235 to make. The A2 first innings closed at 82 (Beviss, 5 for 34). Their second innings was not so disastrous, and the match ended in a win for the College A1 Team on the first innings. Scores:—

COLLEGE A2.

First innings, 82; second innings, 5 for 150.

Bowling—Beviss, 5 for 34; Glynn, 1 for 14; Hurn, J., 2 for 16; Dawkins, 2 for 10.

COLLEGE A1.

First Innings.

Spencer, c. Prider, b. Gilbert	12
Glynn, b. Bell	55
Beviss, retired	108
Mr. Woods, b. Bell	0
Mr. Williams, c. Smith, b. Gilbert	17
Klose, run out	9
Von Doussa, run out	14
Fairbrother, c. Gilbert, b. Bell	4
Dawkins, c. Hooper, b. Bell	0
Hurn, H., not out	0
Hurn, J., not out	0
Sundries	16

Total (for 9 wickets—dec.) 235

COLLEGE A1 v. ONE TREE HILL.

Played at College on 23rd and 30th November. The home team batted first, compiling 231 for 9 wickets. The two innings of One Tree Hill

yielded 86 and 66, the match resulting in a win for College by an innings and 79 runs.

Scores:—

ONE TREE HILL.

First innings, 86; second innings, 66:

Bowling—Beviss, 3 for 52 and 3 for 16; von Doussa, 4 for 22; Bell, 1 for 17; Hurn, J., 3 for 27.

COLLEGE A1.

First Innings.

Spencer, c. Smith, b. Power	52
Glynn, c. wkt. kpr. b. Power	26
Beviss, retired	54
Mr. Woods, retired	34
Von Doussa, b. Power	24
Green, b. Power	2
Hurn, H., b. Watson	6
Hurn, J., b. Power	4
Fairbrother, b. Power	6
Hooper, not out	5
Sundries	18

Total (for 9 wickets) 231

COLLEGE A1 v. COLLEGE A2.

An all-day match. Played at the College on 15th December. Spencer won the toss and sent the A2 Team to the wicket. They compiled 143 for the first innings. The A1 Team declared with 9 for 276. Beviss again scored a century.

Scores:—

COLLEGE A2.

First innings, 143; second innings, one wicket for 62.

Bowling—Beviss, 2 for 58; von Doussa, 5 for 21; Hurn, J., 0 for 21; Glynn, 2 for 2; Bell, 1 for 22.

COLLEGE A1.

First Innings.

Glynn, b. Kilgour	17
Hooper, b. Kilgour	8
Mr. Woods, b. Kilgour	6
Beviss, retired	101
Fairbrother, b. Heggie	4
Von Doussa, c. Gilbert, b. Dawkins	76
Hurn, H., retired	16
Green, retired	12
Hurn, J., not out	9
Spencer, b. Heggie	16
Sundries	12

Total (for 9 wickets—dec.) 276

COLLEGE A1 v. SOUTHS.

Played on the College Oval on 4th and 11th January. College batted first, declaring at 7

wickets for 323 (Beviss, 152, retired; von Doussa, 92). Scores:—

SOUTHS.

First inn'gs, 188.

Bowling—Beviss, 3 for 44; Dawkins, 3 for 43; Glynn, 1 for 23; Hurn, J., 1 for 35; von Doussa, 2 for 17.

COLLEGE.

First Innings.

Glynn, c. O. May, b. G. Nottle	2
Mr. Woods, c. C. Nottle, b. G. Nottle	12
Von Doussa, c. R. May, b. C. Nottle	92
Beviss, retired	152
Spencer, c. Lord, b. Wasleys	7
Dawkins, c. O. May, b. Wasleys	24
Fairbrother, not out	21
Hooper, b. C. Nottle	0
Sundries	13

Total (for 7 wickets—dec.) 323

COLLEGE v. SMITHFIELD.

Played at the College. Spencer won the toss and sent Smithfield in. Owing mainly to our bad fielding they compiled 338 for 6 wickets (Blake 153, Bain 71). College replied with 139, thus losing the match (their first defeat for the season) by 199 runs. Had the College batsmen been able to hold up their wickets for another ten minutes the game would have been drawn.

Scores:—

SMITHFIELD.

First innings, 6 (dec.) for 339.

Bowling—Beviss, 0 for 70; Hurn, J., 4 for 115; Glynn, 0 for 68; Fairbrother, 0 for 14; Green, 1 for 20; Hurn, H., 0 for 9; Elliott, 0 for 8; Bell, 0 for 18.

COLLEGE.

First Innings.

Beviss, b. Riggs	10
Spencer, c. Alexander, b. Riggs	2
Fairbrother, c. Aldridge, b. Riggs	4
Glynn, b. Twelvetree	37
Elliot, hit wicket, b. Riggs	18
Green, c. Aldridge, b. Bain	11
Mr. Hickinbotham, c. Bowman, b. Twelvetree	4
Hurn, H., b. Riggs	4
Hurn, J., not out	29
Bell, b. Blake	11
Sundries	9

Total 139

NON-ASSOCIATION MATCHES.

COLLEGE A1 v. TAXATION
DEPARTMENT.

Played at College on 9th October.

College.—First innings, 5 for 215 (dec.).
Chief scorers—Spencer 100 retired, Klose 33
retired, Beviss 24, Mr. Woods 24 not out.

Taxation.—First innings, 8 for 148.

Bowling—Beviss, 4 for 40; Hurn, J., 1 for 31;
Williams, 0 for 17; Bell, 1 for 17; Dawkins, 2 for
17.

The match was drawn.

COLLEGE A1 v. ADELAIDE COLTS.

Played at College on 27th October. Spencer
won the toss, and decided to bat. Beviss,
Spencer, and Mr. Woods were the only batsmen
to withstand the bowling, making 41, 26, and
18 respectively. The innings closed at 112.
The Colts opened steadily to Beviss's fast
bowling but soon settled down, giving a fine
display with accurate well-timed strokes. Their
innings ended at 5 for 218, Hurn, J., bowling
well with 3 for 42.

Scores:—

College.—First innings, 112 (Spencer 26,
Beviss 41, Woods 18).

Colts.—First innings, 5 for 218 (Tobin 36,
Hutton 42 not out, C. E. Pellew 28, Brumby
40).

Colts won by 106 runs with 5 wickets in
hand.

COLLEGE v. ANGASTON.

A team comprised of a number of Angaston
residents played the College on the College
Oval on 12th January.

College batted first, failing badly, being dis-
missed for 131. Spencer was top-scorer with
33 and Hurn, J. made 22.

Angaston made an effortless 323 (Lonergan
41, Seppelt 55, Lautit 42, and Drew 30).

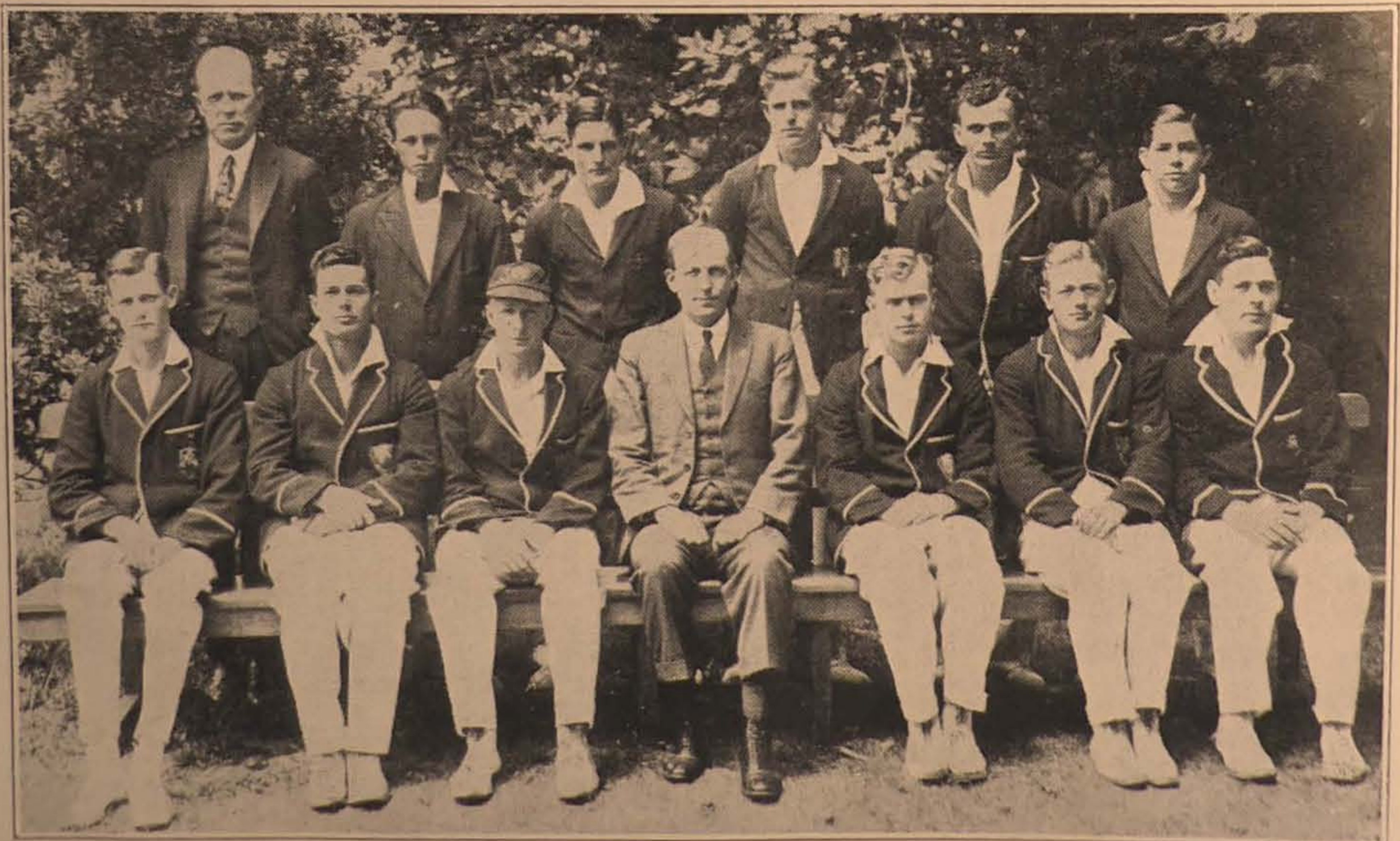
Bowling—Glynn, 2 for 80; Heggie, 2 for 48;
Hurn, J., 4 for 58.

Angaston thus won by 192 runs.

COLLEGE v. OLD SCHOLARS.

An all-day match was played on 13th January
against a team of ex-students of the
College. Spencer won the toss and sent the
visitors in. They compiled 223, Drew and J.
Murray being the chief run-getters. College
replied well with 8 for 312 (Spencer 100 retired,
Fairbrother 51 retired).

Scores:—



ROSEWORTHY AGRICULTURAL COLLEGE, A1 CRICKET TEAM, 1929.

Standing.—Mr. R. Baker (Sports-master), H. R. Hurn, W. L. Bell, D. H. Green,
A. C. Hooper, E. W. L. Dawkins.

Sitting.—J. A. Hurn, A. C. K. Beviss, L. V. Spencer (Captain), Mr. W. R. Birks (Principal),
J. McM. Glynn (Vice-Captain), F. von Doussa, D. N. Fairbrother.

OLD COLLEGIANS.

First Innings.

Hall, A. C., l.b.w., b. Dawkins	12
Drew, A. K., c. Dawkins, b. Beviss	68
Williams, J. L., c. Heggie, b. Glynn	28
Murray, J. T., b. Beviss	65
Aldridge, W., c. Dawkins, b. Hurn, J. ..	5
Fairbrother, V. M., l.b.w., b. Hurn J. ..	3
Baker, R., c. Heggie, b. Beviss	13
Cole, T. A., c. Dawkins, b. Beviss	4
Whicker, S., st. Spencer	3
Hurn, H., not out	1
Bell, st. Spencer	4
Sundries	17

Total 223

COLLEGE.

First innings, 8 wkts. (dec.) for 312

Bowling—Williams, 1 for 42; Murray, 1 for 25; Baker, 1 for 46; Cole, 1 for 27.

BATTING.

	Inn.	N.O.	H.S.	Total.	Av.
Beviss	9	4	154	663	132.6
Spencer	11	2	105	457	50.7
Von Doussa	8	—	92	263	32.8

Mr. Woods	8	2	34*	147	24.5
Hurn, J. A.	8	5	29*	73	24.3
Klose	3	1	33*	43	22.5
Mr. Williams	2	—	24	41	20.5

* Not out.

BOWLING.

	O.	M.	R.	W.	Av.
Von Doussa	52	7	212	15	14.1
Dawkins	29	1	134	9	14.8
Hurn, J.	86	3	437	27	16.2
Beviss	140	10	609	31	19.6

COLLEGE A2 TEAM.

Owing to the large number of cricketers available for the 1929-30 season, it was decided to enter two teams in the A Grade Association. At the beginning of the season the following officers were elected for the A2 Team:—Captain—W. W. Ellis. Vice-Captain—V. A. H. Prider. Selection Committee—Captain, Vice-Captain, and J. G. Heggie. Secretary—C. A. Neal Smith.

COLLEGE A2 v. SMITHFIELD.

The first match was played against Smithfield at the College on 12th and 19th October under favourable weather conditions. Smithfield won the toss and decided to field. The College

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team fell before Riggs, who secured the hat trick, and we were all out for 74. The principal scorers were Green 25, Martin 25 not out, and Smith 10.

Smithfield declared at 192 for 8 wickets, Dawkins taking 4 for 24, and Heggie 2 for 61.

In our second innings the total was 103 for 7 wickets, Heggie 33 and Gilbert 25 being the principal scorers.

Smithfield won on the first innings.

COLLEGE A2 v. ONE TREE HILL.

On 26th October and 2nd November the College met One Tree Hill on their oval. They won the toss and decided to field. The College were all out for 77, the principal scorers being Klose 15, Heggie 11, and Dawkins 10.

One Tree Hill made 56 (Heggie 4 for 12, Beil 3 for 4, Gilbert 2 for 10).

The College scored 82 for 5 wickets in the second innings and declared. Dawkins was top-scorer with 24 and Wheaton made 17.

One Tree Hill were all out for 49 in their second innings (Gilbert 4 for 20, Prider 3 for 12), giving College an outright win.

COLLEGE A2 v. COLLEGE A1.

The A1 Team batted first and scored 235 for 9 wickets, and then declared. Beviss batted excellently for 108 not out. Bell was the most successful bowler, securing 4 for 64.

The total of the A2 Team for the first innings reached 82, the principal scorers being Green 36, Gilbert 11, Heggie and Smith 10. In the second innings the A2 Team reached 150 with the loss of 5 wickets. Green batted well for 45, Hooper made a neat 22, and Smith batted stubbornly for 29 not out.

College A2 lost on the first innings.

COLLEGE A2 v. GAWLER SOUTHS.

The conditions for this match were far from ideal. The College team won the toss and decided to field. Souths scored 302 for 5 wickets and declared, none of our bowlers meeting with any success. The College A2 scored only 68 in their first innings, the highest scorers being Green 17 and Klose 12, and in the follow-on 8 wickets fell for 91. Klose contributed a fine 34 not out and Heggie 19. College A2 lost on the first innings.

COLLEGE A2 v. COLLEGE A1.

The A2 Team batted first and scored 143. Klose made 30, Elliott 40, Smith 18, and Heggie 15. The A1 Team lost 9 wickets for 277 and then declared. Kilgour 3 for 29 and Heggie 2 for 59 were the most successful bowlers. In the second innings of the A2 Team 62 were scored for the loss of 1 wicket, the principal

run makers being Martin 32 and Dawkins 22, both not out. College A2 lost on the first innings.

SMITHFIELD v. COLLEGE A2.

Smithfield won the toss and sent the College in, and we were all out for 60. Riggs bowled excellently and secured the hat trick. The only scorer of note was Mr. Hickinbotham (28 not out). Smithfield replied with 222 for 5 wickets (declared). Mr. Williams took 3 wickets for 61. The College in their second innings made 127. The main contributors were Green 32, Ellis 25, and Klose 18. Smithfield won outright.

GAWLER SOUTHS v. COLLEGE A2.

Souths won the toss and elected to bat, and scored 262 before the last man was dismissed. Nation and Wannan were the most successful bowlers, securing 4 for 46 and 3 for 50 respectively. The College scored 270 in their first innings, the principal scorers being Mr. Williams 107, Smith 49, Klose 31, and Wannan 26. Souths in their second innings had scored 98 for the loss of 6 wickets when stumps were drawn; the result thus being a win for College A2 on the first innings by 8 runs.

BATTING AVERAGES.—SEASON 1929-30.

	Inn.	N.O.	H.S.	Total	Av.
Mr. Williams ..	3	—	107	113	37.7
Green	8	—	45	171	21.4
Klose	9	2	34*	146	20.9
Elliott	3	—	40	55	18.3
Smith	11	2	49	157	17.4
Mr. Hickinbotham	4	1	28*	48	16.0
Wheaton	6	3	17	38	12.7
Heggie	11	—	33	138	12.5

* Not out.

BOWLING AVERAGES.—SEASON 1929-30.

	O.	R.	W.	Av.
Nation	9.6	63	6	10.5
Bell	14.3	135	10	13.5
Dawkins	25	95	6	15.8
Gilbert	42	234	10	23.4
Heggie	54.1	270	9	30.0

COLLEGE B GRADE.

October 26.—College v. Railways.

College were defeated by 1 wicket and 26 runs. College, 101; Railways, 9 for 137. Mr. Whicker 27, Hamlyn 17 not out; Mr. Whicker 2 for 22, Eardley 2 for 18, Beckwith 2 for 31.

November 2.—College v. Co-operatives.

College were defeated by 85 runs. College, 48; Co-operatives, 133. Herbert 3 for 22, Mr. Whicker 1 for 24.

November 9.—Roseworthy v. College.

College were defeated by 20 runs. College, 59; Roseworthy, 79. Wiese 19; Mr. Whicker 4 for 7, Fenning 2 for 25.

November 16.—Smithfield v. College.

The match was drawn. Smithfield, 2 wickets for 124 (declared); College, 9 wickets for 69 runs. Fenning 2 for 57; Oppatt 30, Hamlyn 17.

November 23.—College v. Essex.

College were defeated by 117 runs. Essex, 179; College, 62. Fenning 4 for 30, Herbert 2 for 39; Oppatt 23.

December 7.—Rosedale v. College.

College were defeated by 19 runs. College, 61; Rosedale, 80. Brown 15; Fenning 4 for 32, Herbert 4 for 8.

December 14.—College v. Souths.

College were defeated by 94 runs. College, 52; Souths, 146. Oppatt, 17; Eardley 4 for 13, Whicker 3 for 30.

December 21.—Railways v. College.

College were defeated by 124 runs. College, 79; Railways, 203. Fenning 28, Wiese 21, Craddock 17 not out; Herbert 2 for 57.

December 28.—Co-operatives v. College.

College were defeated by an innings and 13 runs. College, 38 and 57; Co-operatives, 8 for 108 and 4 for 31. Legoe 35.

January 4.—College v. Roseworthy.

College were defeated by 122 runs and 3 wickets. College, 46; Roseworthy, 7 for 168. Kilgour 3 for 43, Fenning 3 for 26.

January 11.—College v. Smithfield.

College were defeated by 36 runs. Smithfield, 107; College, 71. Oppatt 17; Kilgour 4 for 28, Wheaton 2 for 13.

Swimming Notes.

A considerable amount of work was carried out on improving the swimming-pool last year by the Committee and those interested in the Club. A staff changing shed was erected and the existing shed was altered. The banks were levelled by scooping, a car park being made on one side. The bamboos were grubbed out, and the weed, which is always causing trouble and annoyance, was harrowed and raked once again. The work was completed just in time for the Swimming Carnival, which opened the 1929-30 season.

THE SWIMMING CARNIVAL.

The untiring effort and enthusiasm which had been exhibited by the Swimming Committee throughout the year culminated in a very suc-

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cessful carnival. The entries were very large, but, unfortunately, there were not so many starters. A large number of starters means good races, and all who enter in future are urged to start.

No more unfavourable circumstances could have intervened than the day that 22nd November turned out to be. All the morning a northerly duststorm swept across the country, and the afternoon, although less windy, was unpleasant in the extreme. However, there was a good attendance of visitors, and great enthusiasm was shown in the races, especially the Championship events. N. H. Fergusson is to be congratulated on winning this, leading A. L. Gerken and F. V. Winnall by one point only. A very successful dance closed the day, and the prizes were presented by Miss E. Poole.

Results:—

1. 50 Yards Lap Dash Handicap.—Shepherd, 1; Mellor, 2; Eardley, W., 3.
2. 50 Yards Breast Stroke Handicap.—Kimber, 1; Sampson, 2; Traill, 3.
3. 100 Yards Championship.—Winnall, 1; Fergusson, 2; Gerken, 3.
4. Original Dive.—Kimber, 1; Mellor, 2; Purbrick, 3.
5. 50 Yards Championship.—Fergusson, 1; Winnall, 2; Mellor, 3.
6. High Dive and Diving Display.—Gerken, 1; Winnall, 2; Purbrick, 3.
7. Under-water Swim.—Kimber, 1; Mellor, 2; Clark, 3.
8. 100 Yards Breast Stroke.—Kimber, 1; Purbrick, 2; Sampson, 3.
9. Target Dive.—Winnall, 1; Mellor, 2; Shepherd, 3.
10. 100 Yards Handicap.—Shepherd, 1; Purbrick, 2; Clark, 3.
11. Low Dive Championship.—Gerken, 1; Winnall, 2; Fergusson, 3.
13. 400 Yards Championship.—Fergusson, 1; Mellor, 2; Gerken, 3.
14. Staff Race, 50 Yards.—Mr. Williams, 1; Mr. Birks, 2; Mr. Cole.
15. Relay Race, 50 Yards.—Third Year, 1; Second Year, 2; First Year, 3.

TO CONTRIBUTORS.

The following articles have been held over owing to lack of space in the present issue:—"A Country Town," "John Ridley," "Through the Suez Canal," and "Looking Far."

The Editor.

CHAMPIONSHIP EVENTS.

	100 Yds.	50 Yds.	High Dive.	100 Yds. B.S.	Low Dive.	400 Yds.	Totals.
N. H. Fergusson	3	5	-	-	2	5	15
A. L. Gerken ..	2	-	5	-	5	2	14
T. V. Winnall ..	5	3	3	-	3	-	14
R. M. Purbrick ..	-	-	2	5	-	-	7
R. N. Mellor ..	-	2	-	-	-	3	5
J. C. Sampson ..	-	-	-	3	-	-	3

THE "FULTON" CHALLENGE CUP.

	100 Yds.	50 Yds.	100 Yds. B.S.	High Dive.	Low Dive.	400 Yds.	Relay.	Totals.
Third Year ..	7	5	-	8	8	5	5	38
Second Year	-	-	8	2	-	-	3	13
First Year ..	3	5	2	-	2	5	2	19

Rifle Notes.

Though comparatively recently inaugurated, the Club has accomplished numerous deeds of prowess, which emphasize its well-justified position among the older established sports at Roseworthy College. Under the able guidance of the Captain, Mr. T. A. Cole, and the Committee, the Club looks back upon its first year of existence with well-earned satisfaction. Even though the number of victories has been few, it says a lot for the enthusiasm and perseverance of the team that the margin was never very large. The sportsmanlike behaviour of the visiting riflemen has always been most encouraging.

At the beginning of the College year, numerous alterations were made on the Committee: Third-year representative, D. S. Rice; Second-years, G. O. Young and J. E. Morphett; First-year, F. G. Crisp. A. G. Hay was elected Secretary and Delegate to the Sports Union.

Considerable changes are being wrought on the range, in connection with the erection of another target, to make a total of two targets. Various technical alterations for the broadening of the strawstack will be necessary among other things, and we look forward to the completion in the immediate future. With the

aid of the new target, matches will occupy much less time, making it practical to numerically increase our team, and thus open fresh vacancies. There will be five new long-barrel .303 target rifles in private use on the range soon, so that nearly every member in the team will have his own gun, resulting in an improved aggregate.

A brief description of some of our recent matches follows.

R.A.C. v. ANGASTON

Fired at Roseworthy. Seven shots and two sighters at 500 and 600 yards.

Aggregates:—

F. S. Oldham	..	..	..	56
W. G. Fairlie	..	..	..	64
A. G. Hay	..	..	..	72
D. S. Riceman	..	..	..	69
R. L. Johnson	..	..	..	59
J. Sampson	..	..	..	60
G. O. Young	..	..	..	58

Total 438

Won by Angaston 444

R.A.C. v. GOODWOOD UNITED.

Fired at Port Adelaide, 8 shots and two sighters.

Aggregates:—

T. A. Cole	..	..	..	68
F. S. Oldham	..	..	..	85
A. G. Hay	..	..	..	87
D. S. Riceman	..	..	..	83
G. T. Parsons	..	..	..	61
G. O. Young	..	..	..	64
J. Sampson	..	..	..	70
R. L. Johnson	..	..	..	74
B. Sanderson	..	..	..	55
F. G. Crisp	..	..	..	59

Final results, owing to uneven numbers, cannot be tabulated.

Aggregates:—

College	..	..	..	735
Goodwood	..	..	..	808

We desire to thank those who have tendered their services as range officers, and also the donors of trophies received by the Club, providing a welcome and necessary innovation to the usual regime.

Tennis Notes.

The first meeting of the Club was held on 15th October, and the following were elected office-bearers:—Secretary, A. D. Hancock; Captain, J. L. Cuthbertson; Vice-Captain, K. A. Elliott.



ROSEWORTHY AGRICULTURAL COLLEGE, RIFLE TEAM, 1929.

Standing.—J. C. Sampson, Mr. W. G. Fairlie, Mr. F. S. Oldham, Mr. R. Baker (Sports-master), Mr. T. A. Cole (Captain), R. L. Johnston.

Sitting.—G. O. Young, G. T. Parsons, D. S. Riceman, Mr. W. R. Birks (Principal), A. C. Hay, R. A. Rose, F. K. Parsons.

It was proposed at this stage to erect seating accommodation and shelter-sheds at the lawn-courts. The seats have been duly erected, but the shed is still to come.

We are unfortunate in being unable to enter teams in regular competitions, but we are generally able to obtain a good programme of matches against Clubs in the vicinity and from Adelaide. During the season we had fourteen of these games, of which we won six and lost eight. Details are as follows:—

R.A.C. v. Roseworthy.—October 5—Lost; November 16—Won; March 15—Lost.

R.A.C. v. Wasleys.—October 12—Won; April 5—Lost.

R.A.C. v. Willaston.—October 19—Won; November 23—Won.

R.A.C. v. St. George's.—October 26—Lost; December 14—Lost.

R.A.C. v. Scotch College.—November 2—Lost; December 7—Lost.

R.A.C. v. Salisbury.—November 30—Lost; March 8—Won.

R.A.C. v. Adelaide High School—November 9—Won.

Tournaments were started early in the term, and, owing to the large number of entries, they ran well into January. The results were as follows:—

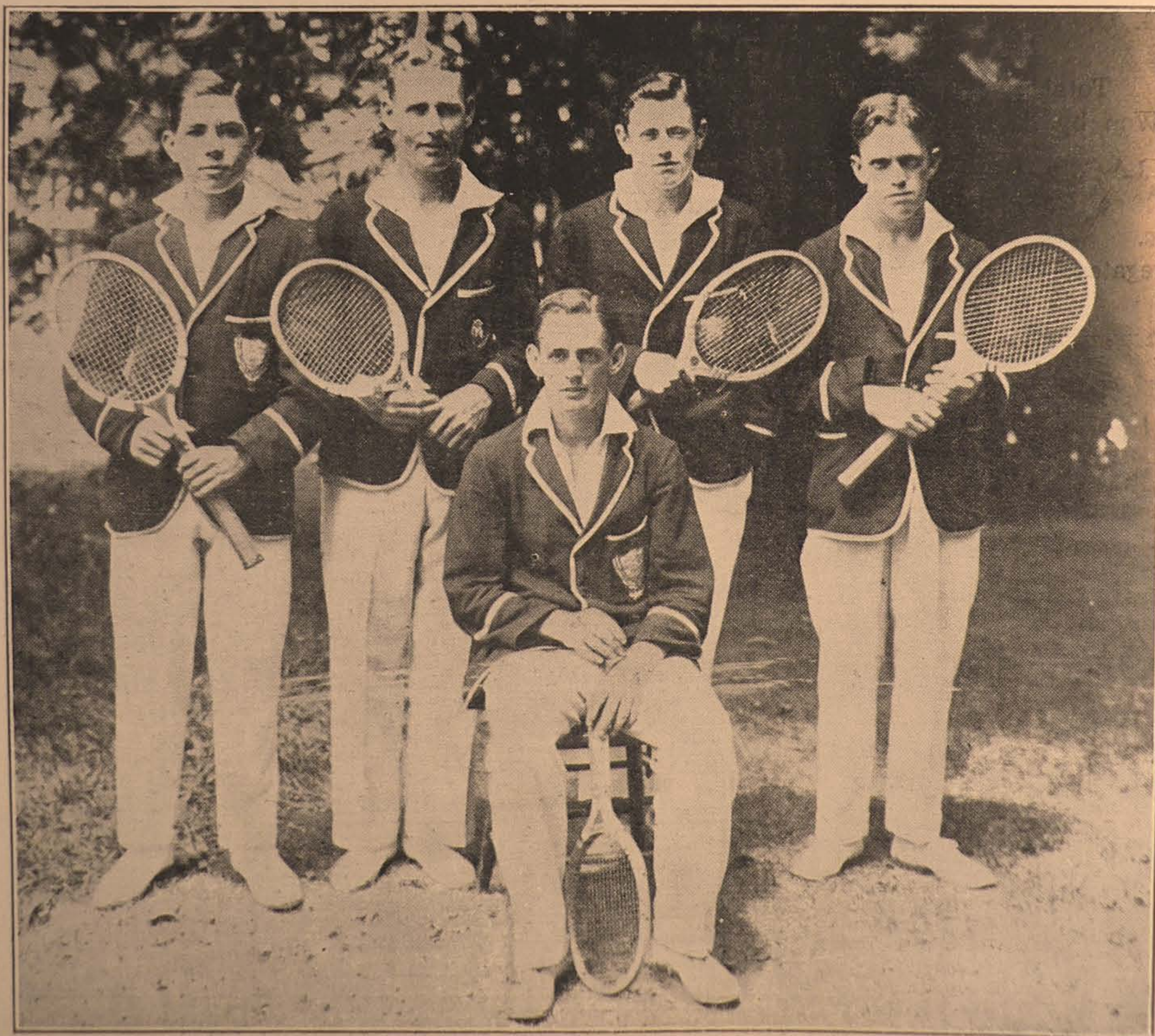
Championship Singles.—K. A. Elliott.

Championship Doubles.—K. A. Elliott and J. L. Cuthbertson.

Handicap Singles.—R. N. Mellor.

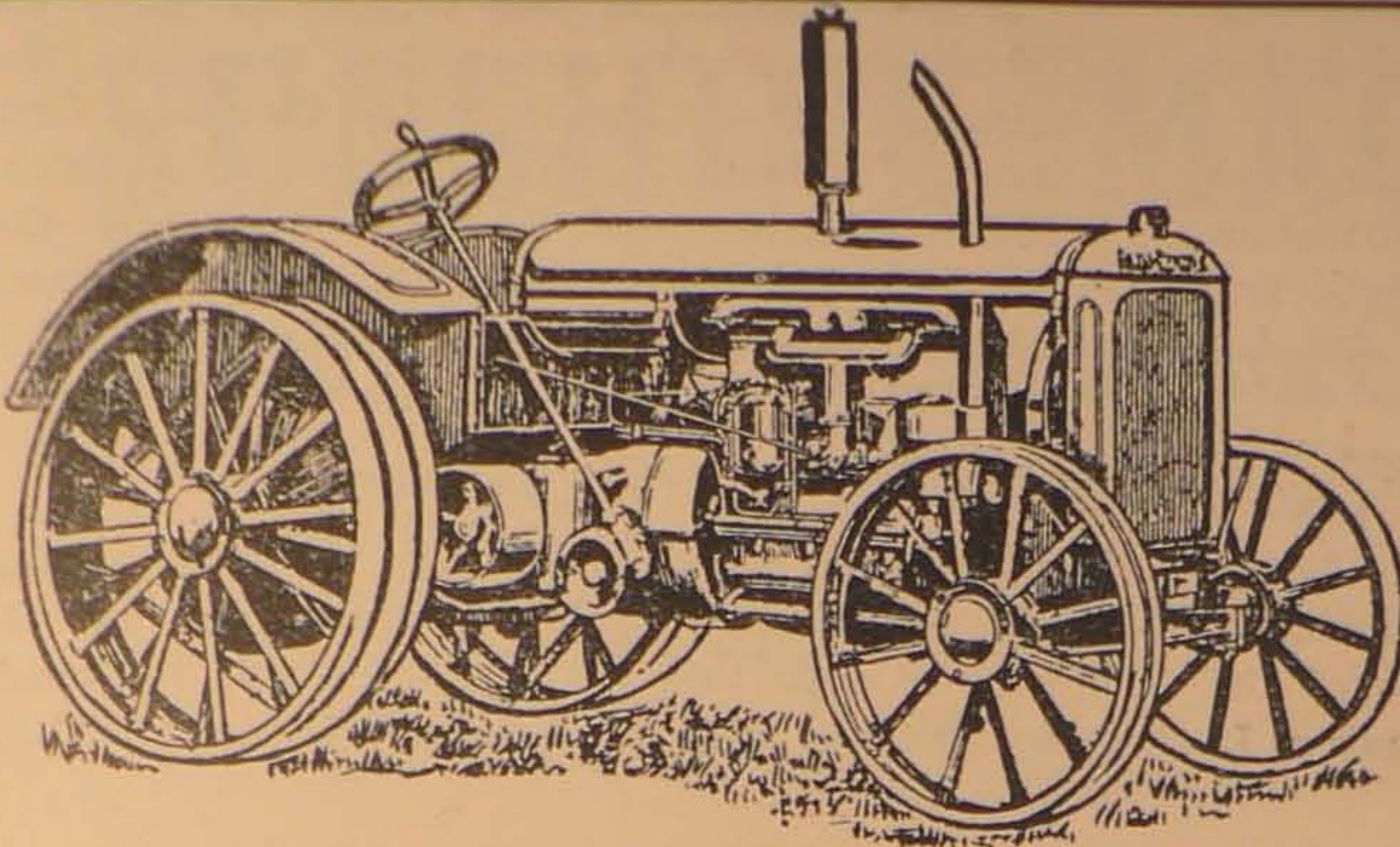
Handicap Doubles.—Mr. Morrow and A. Gilbert.

The following have been awarded Colours:—K. A. Elliott and J. L. Cuthbertson. Badges were awarded to A. D. Hancock, R. Badman,



ROSEWORTHY AGRICULTURAL COLLEGE,
FIRST INTERSTATE TENNIS TEAM, 1929.

E. W. L. Dawkins, A. Hancock, R. H. Badman, K. A. Elliott,
J. L. Cuthbertson (Captain).



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G. Hart, and D. G. Walters. Our team was generally selected from these players, together with Mr. Woods.

Early in 1930 a start was made on the hard courts to render them fit for use in preparation for the Hawkesbury match. This work has been carried out by A. D. Hancock and his First-year Team with marked success.

Of last year's team only Hancock and Badman are back. To fill the vacancies left by the departure of our champions, practice began early, and the following have shown sufficient talent to represent the College in some of the matches:—G. Day, L. McCarter, J. Fenning, L. Packer, M. Hubble, and T. Torr.

A new Committee was formed to carry on till the end of the season, and comprises the following:—Secretary, E. W. L. Dawkins; Captain, A. D. Hancock; Vice-Captain, R. Badman. These, together with G. Day, constitute the Selection Committee. The representatives are:—Third-year—Hancock and Badman; Second-year—McCarter and Dawkins; First-year—Fenning.

With the Hawkesbury trip in view, practice has been considerably enlivened, and by the time of departure we should be able to launch a fair team with some hopes, at least, of "bagging the prize."

Roseworthy Old Collegians' Association.

OBITUARY.

It is with great regret that we have to record the death of Mr. Harrie Brock, one of our oldest Old Students, who attended the College during the years 1885-6.

EVENTS.

Sons of Old Students of the College here at present are F. H. Wheaton, Q. F. Freebairn, and G. D. Hubble, while A. C. Hooper, G. T. Parsons, A. G. Hay, H. R. Hurn, R. L. Johnson, G. O. Young, G. M. V. Pedler, and L. T. Sobels have had brothers at the College. Other relatives of Old Students include G. E. Wiese and E. W. L. Dawkins. These comprise sixteen per cent. of the present enrolment.

* * *

The Annual Cricket Match, Old Collegians v. Present Scholars, was played on the College Oval early in January, just prior to the students' departure for the long holidays. This match proved most enjoyable, and resulted in a win for the Present Students by a substantial number of runs.

The Old Students batted first, and succeeded in compiling the creditable total

of 223, mainly through the efforts of J. T. Murray (65) and A. K. Drew (68). J. T. Murray's breezy innings showed a glimpse of that old form which gained him a place in the A.I.F. side which toured England after the War, and which eventually formed the nucleus of the Test Team that regained the ashes for Australia at a later date. A. K. Drew's 68 was reminiscent of previous good scores compiled whilst at the College. Mr. Drew's main claim to cricket ability is in his wicket-keeping performances. His capabilities in this direction were displayed in no uncertain manner later in the day. Mr. Drew played A Grade cricket towards the latter end of the season for Colts, and was responsible for exceptionally good performances. He is probably the best keeper we have yet had at the College, and we express the hope that we may yet see him representing the State and Australia in this department of sport.

Due mainly to the batting ability of the Students, combined with a bowling weakness in the Old Student combination, the Students quickly compiled the runs necessary to win, and finished the day with the loss of 7 wickets for 312, a very creditable performance. The names of the Old Students who took part will be

SUNSHINE MACHINERY

IN

South Australian Champion Crop Competition

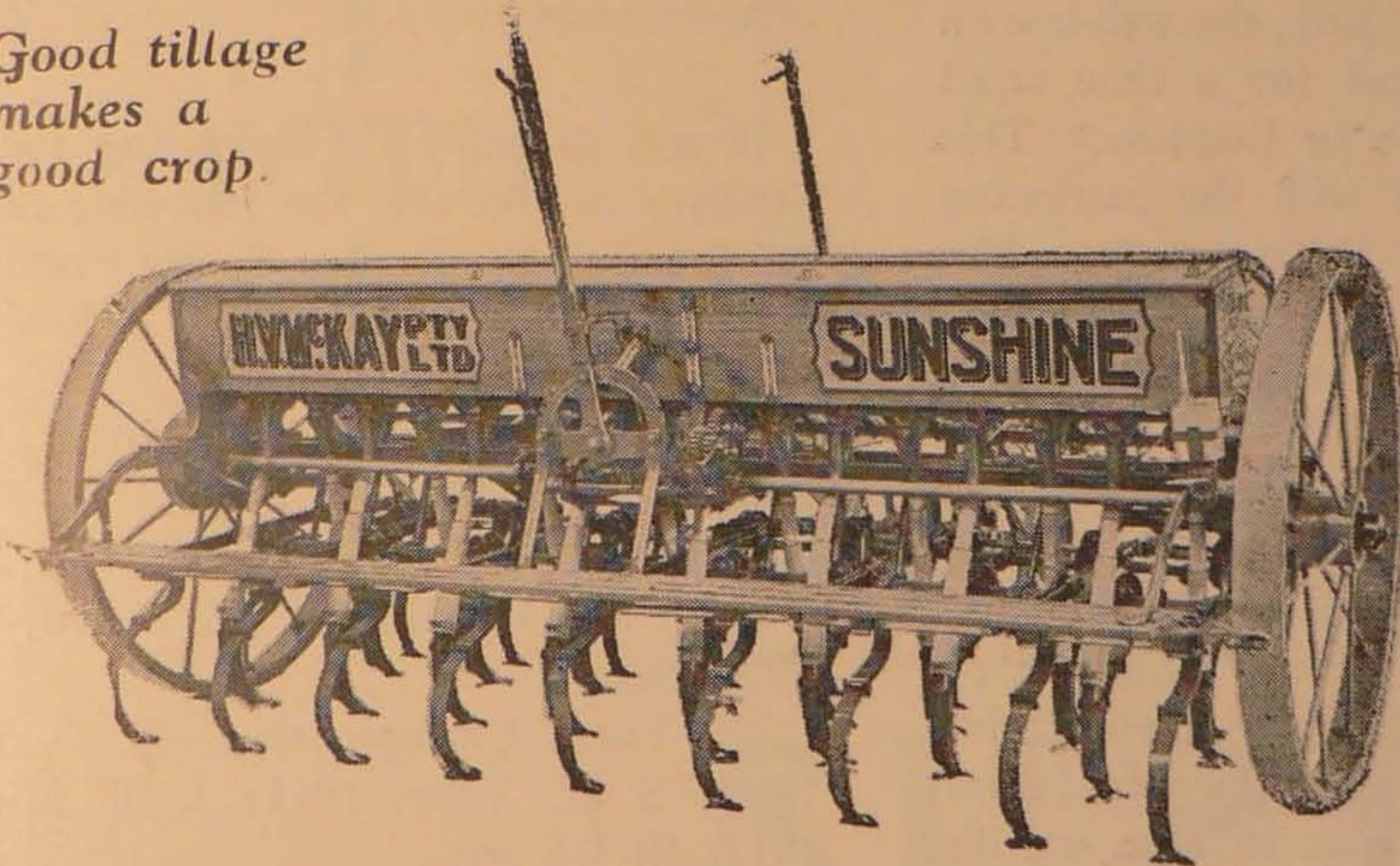
FIRST . .
SECOND
THIRD .

F. V. TRENORDIN, Bordertown
(use Suntyne and Sunshine Header)

F. COLEMAN, Saddleworth
(use Suntyne and Auto Header)

Messrs. AITKENHEAD & TRELOAR, Yeelanna
(Sun Drill, Header, and Harvester)

*Good tillage
makes a
good crop.*

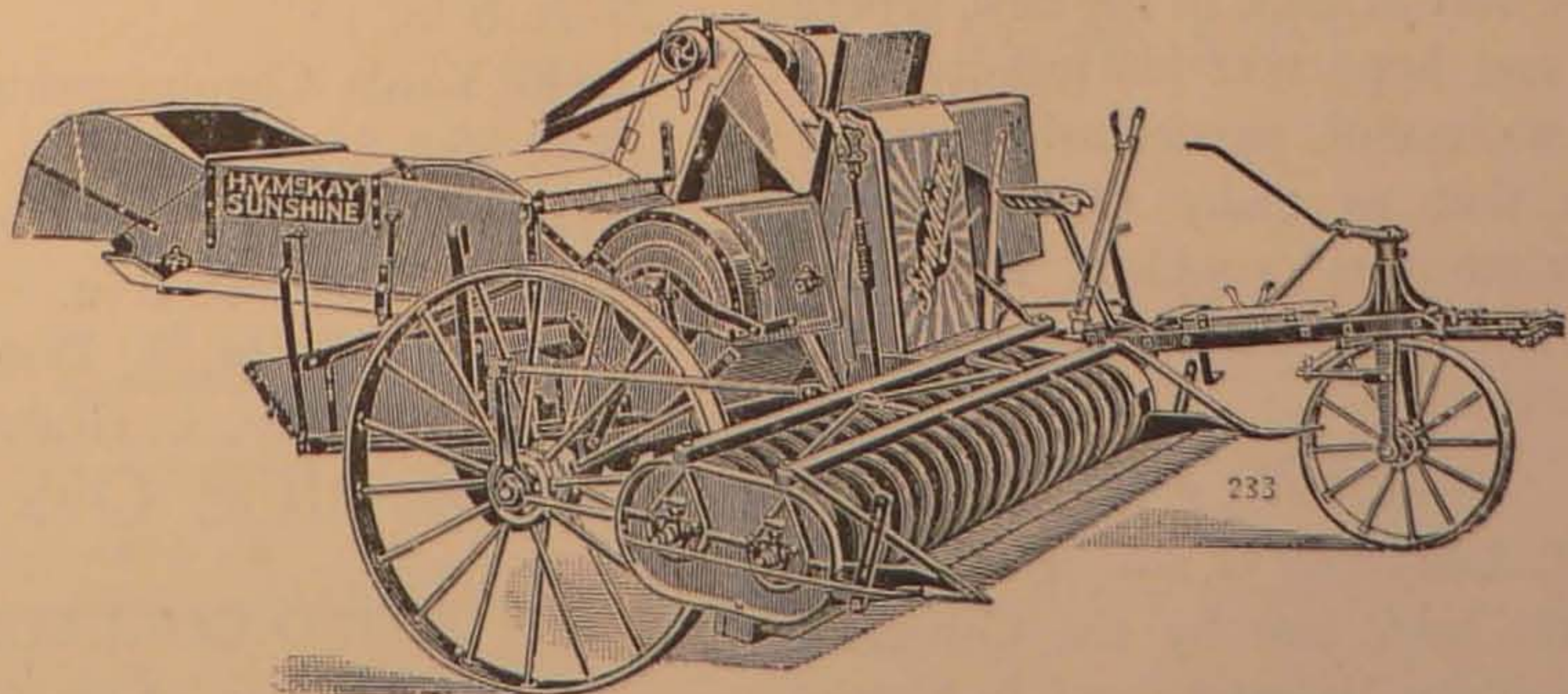


Sizes :

8	Row
12	"
14	"
16	"
20	"
24	"

SUNTYNE COMBINED DRILL AND CULTIVATOR.

SUNSHINE
MACHINES
secure all
the grain
possible



SUNSHINE HEADER HARVESTER, 6-ft., 8-ft., 10-ft.

SUNSHINE IMPLEMENTS stand on a Basis of *SPLENDID EFFICIENCY* and consequent *POPULARITY*.

Roseworthy Students Cordially Invited to Inspect our Showroom.

H. V. McKAY Pty., Ltd., 95-97 North Terrace, Adelaide

found in the report of this game under the Non-Association matches played by the College First Eleven.

* * *

It is gratifying to learn that Mr. H. E. Laffer, an Old Student of this College, has been appointed overseas representative of the Wine Export Control Board. Besides distinguishing himself as a student, Mr. Laffer was later appointed State Viticulturist and Viticultural Instructor on the staff of the College. Later he joined the firm of Lindermann's, Ltd., the well-known Sydney wine firm, and for a time acted as their representative in London. This previous acquaintance with the marketing conditions in Great Britain makes him eminently suited for the position to which he has now been appointed. Mr. Laffer was for some time also State Viticulturist in N.S.W., the position at present held by another Old Student, Mr. H. L. Manuel. For the past three years Mr. Laffer has held the position of General Manager of the Renmark Growers' Co-operative Distillery. It is anticipated that Mr. Laffer will be leaving Australia to take up his new position in the very near future. We wish him the best of luck in his new sphere of activity, and hope that his mission will be entirely successful, particularly in view of the fact that so many Old Students have their interests coupled with the industry in this and other States of the Commonwealth.

* * *

Mr. W. V. Ludbrook is now in America, where he has been sent by the Commonwealth Council for Scientific and Industrial Research. It is gratifying to learn also that Mr. A. B. Cashmore has been granted a Research Studentship by the same Council, and it is to be hoped that he also will be as successful as Mr. Ludbrook. They carry with them our best wishes for future success.

Three other Old Boys in Herriot, Elliot, and Walters are at present continuing their studies at the University for the B.Sc. (Agric.) degree, to whom also we extend our best wishes for success.

* * *

Other Old Students, in the persons of Meier, Paterson, Prider, Kitto, Resche, and Ninnes, have been appointed by the Education Department as Agricultural Teachers at Renmark, Balaklava, Kadina, Strathalbyn, Port Lincoln, and Clare High Schools respectively.

* * *

It will probably be interesting for Old Students to note that the following records still stand at the Annual Sports Fixture:—

Kicking for Distance.—J. O. Robinson, 1920, 68 yds. 2 ft. 1½ in.

Throwing the Cricket Ball.—J. T. Murray, 1913, 107 yds. 11 in.

Long Jump.—L. T. McKay, 1927, 21 ft.

120 Yards Hurdles.—C. E. Pellew, 1920, 15 4-5 sec.

100 Yards Championship.—B. O. Reed, 1899; S. C. Vohr, 1911; J. T. Murray, 1912, 10 1-5 sec.

Putting the Weight.—J. T. Murray, 1913, 37 ft. 6 in.

440 Yards Championship.—F. J. Tothill, 1898, 56 1-5 sec.

High Jump.—W. B. Reed, 1898; L. T. McKay, 1927, 5 ft. 8 in.

220 Yards.—M. J. Dunn, 1927, 23 sec.

One Mile.—W. L. Graham, 1895, 5 mins. 11 1-5 sec.

* * *

OLD COLLEGIANS.

Old Collegians, whether members of the Association or not, are asked to let the Secretary know their whereabouts from time to time, and to keep him posted with changes of address, occupation, etc. The Editor of "The Student" is anxious to secure articles from Old Students on any topics of interest to other old or present

GROW



WHEAT THAT PAYS
AND
CLOVER THAT STAYS

WITH



TOP SPECIAL SUPER

(45% W.S.P.)

NO SOIL CAN RESIST ITS POWER

The Adelaide Chemical & Fertilizer Co. Ltd.

students, and these may be forwarded direct to the Editor or to the Secretary of the Association. We trust those who feel that they have had some interesting or instructive experiences will send them along for the magazine.

Young, R. J. (1885).—Managing the Earl of Guildford's estates at Waldershire Park, England.

Day, A. (1885).—Has a property at Lower Light, near Two Wells.

Tarlton, F. E. (1887).—Farming in South Africa.

Birks, C. E. (1889).—Has a farm at Wistow, Mount Barker.

Basedow, B. (1889).—Proprietor Horndale vineyards and cellars.

Charley, W. T. (1890).—Has a vineyard and orchard at Leeton, N.S.W.

Leake, R. M. (1891).—Farming at Koolunga.

Cotton, C. H. (1892).—Follows the occupation of painter, and resides at St. Anne's Place, Parkside.

Sweeting, C. A. (1892).—Managing an estate at Toodyah, W.A.

Crooks, A. S. (1893).—Has a sheep property, "Yallamurray," via Narracoorte.

Nicholas, C. A. (1893).—Farming at Tiparra, via Paskeville.

Pounsett, R. S. (1894).—Orchardist at Coonawarra.

Formby, F. W. (1895).—Traveller for the Vacuum Oil Company.

Pritchard, A. G. (1895).—Farming at Murrayville, Vic.

Martin, R. F. S. (1896).—Has a property near Sydney.

Smith, S. (1896).—Farming at Hart, S.A.

Dawkins, T. H. (1897).—Farming at Gawler River.

Terry, W. A. (1897).—Rector of the Church of England at Murray Bridge.

Baily, P. J. (1898).—Manager for Morphett and Co., at Wood's Point, Murray Bridge.

Weaver, F. F. (1898).—Has a property at Bagot's Well, Kapunda.

Hubble, E. G. (1899).—Commission agent at Wallaroo.

Eckersley, P. C. W. (1899).—In the Methodist Ministry.

Smith, D. D. (1900).—Head Teacher at the Crafers Public School.

Caw, A. B. (1900).—Farming at Kojonup, W.A.

Jacobi, A. C. (1902).—Living at Edwardstown, City.

Cooper, F. T. (1902).—Connected with firm of Thos. Cooper & Sons, brewers, Kensington.

Bottrill, S. J. J. (1903).—Farming at Tumby, on the West Coast.

Jacob, R. C. (1903).—Farming at Geranium, S.A.

Verco, C. E. (1904).—Market-gardening at Mount Compass.

Baker, R. (1904).—Lecturer on Dairying and Dairy Superintendent at the College.

Watson, F. K. (1905).—Officer in charge of waters for the Irrigation Commission at Griffith, N.S.W.

Hall, C. S. (1906).—Farming at Wynarka.

Cook, L. J. (1907).—Manager of Kybybolite Experimental Farm.

Sangster, F. R. (1907).—Has pastoral country at Mingary.

Dyer, S. R. (1908).—Farming at Holmbush, Kellerberrim, W.A.

Stone, A. P. (1909).—Has a softgoods store in Sydney.

Love, G. C. (1909).—Woolbroking in Sydney.

Bruen, E. J. (1910).—Deputy-Director of Agriculture for Animal-breeding at Bombay, India.

Catt, H. C. (1910).—Farming at Mallala.

Cumming, H. G. (1911).—Engaged in the woollen industry at Liverpool, N.S.W.

Bartholomeaus, R. R. (1911).—Possesses excellent wheat land at Farrell's Flat.

Opie, S. B. (1912).—Field Officer in the Agricultural Department, S.A.

George, F. (1913).—Possesses a sheep station at Maroondah Downs, W.A.

Hamilton, B. C. (1913).—Has land near Edithburgh.

West, E. S. (1914).—Research Officer for the Murrumbidgee Irrigation Commission, stationed at Griffith, N.S.W.

Haggard, W. D. (1914).—Has a farming property at Leeton, N.S.W.

Haslam, S. H. (1915).—Has a grazing property at Muchea, W.A.

Manuel, M. C. (1915).—Farming at Wyabing, W.A.

McLeod, K. M. (1916).—Was last heard of at Renmark, S.A.

James, W. J. H. (1916).—Chief Inspector for the Phylloxera Board.

Grieve, A. C. (1917).—Has a property at Naracoorte.

Bell, M. S. (1917).—Wine Analyst for Seppelt and Sons.

South Australia's Champion Wheat Crop

Grown in the Mundalla District
by Messrs. Trenorden & Wiese

WAS PICKLED WITH

**“Dollman's Farmers' Friend”
(DRY)**

Champion 1928
Runner-up 1929
Champion 1930

Each time the Championship was won
“Dollman's” Dry Pickle was used.

OBTAINABLE FROM ALL COUNTRY STOREKEEPERS

“If it's Faulding's — It's pure!”

Cole, H. J. (1918).—Has a good property in W.A. Now has a family of two.

Samuel, C. G. (1918).—Has charge of a coffee plantation at Kenya Colony.

Heaver, E. J. (1919).—Dairy-farming in the Mount Gambier district.

Wood, L. J. (1919).—Farming at Lower Light, S.A.; was married quite recently. Dixie has become addicted to net-fishing at a certain beach near by, where he may be seen almost any week-end dragging in huge piles of seaweed. If he ever drags in fish to the same extent he should keep the neighbourhood well supplied.

Preece, C. T. (1920).—Is with B. Seppelt and Sons, at Seppeltsfield.

Carr, H. C. (1920).—Farming in W.A.

Thomas, E. B. (1920).—Is still farming at Yandanooka, W.A., and reports having had a good season. Paid a visit to the College recently.

Freebairn, Narridy (1921).—Farming at Kulin, W.A.

Castine, Clem (1922).—Has availed himself of the Government grant, and is located near Kybybolite, in the South-East. At present is batching with D. G. Quinn.

Robin, C. B. (1922).—In partnership with his father at Angaston. Has one of the best gardens in the district.

Will, S. K. (1922).—Has sheep interests at Yankaninna, via Copley.

Horwood, K. M. (1923).—Is at present on Orrippna Station, via Hawker.

Joel, B. (1923).—Has an orchard and potato proposition at Bunbury, W.A.

Money, Frank (1924).—Returned recently from a trip to England. Farming at Kojen.

Howe, F. H. (Snowy) (1924).—Farming at Kulin, W.A.

Humphries, Alan (1924).—Farming at Gnarming, W.A.

Cosgrove, F. J. (1924).—Returned recently from France, where he had been studying the wine industry. Has again taken up his post with W. Reynell & Sons, at Reynella, S.A.

Fornachon, J. C. M. (1925).—Is on a station out from Moora, W.A.

Close, J. A. (1925).—From 5 Upfold Street, Hamilton, Mr. Close writes as follows—"I have had the pleasure of meeting two old Roseworthy Collegians since I have been in N.S.W., Owen Bestod and Charley Sobels, both being connected with the wine industry. Since my completion of the Dairy Science course at

Hawkesbury I have been gaining further experience at the Raymond Terrace Dairy Produce Factory, about ten miles from Newcastle, this factory being recognized as the biggest and most up to date in New South Wales. We manufacture butter, cheese, and concentrated milk, and have an enormous fresh-milk trade in Newcastle. The average output of butter is approximately six tons per day, 240 boxes. We have two Topliss and one Waugh & Josephson churns each capable of turning out 25 boxes per churning; one automatic printing and wrapping machine, which will turn out 60 1-lb. prints per minute; and one automatic bulk ramming machine. In the cheeseroom we have six 760-gal. vats, 21 in. deep by 4 ft. 6 in. wide by 18 ft. long, and, allowing 1 lb. of cheese per gallon of milk, manufacture about two tons of cheese per day, the whey being separated through a 1,100-gal. Alfa Laval separator. The fan and brine coil system is used to maintain an adequate fresh-air circulation throughout the curing-room. The concentrated milk is used in ice-cream manufacture. The plant will condense 750 gallons in two and three-quarter hours, reducing to 240 gallons, about two-thirds being evaporated, the finished product having a fat test of 11 per cent. The plant works at a vacuum of 25 inches, causing the milk to boil at approximately 120 degrees Fahr. All fresh milk is pasteurized before transport, and cooled to 35 degrees Fahr. A big railway van contains six tanks with a total capacity of 4,100 gals. These tanks are also transportable, and can be wheeled into trailers that are drawn behind the lorries. They are cylindrical and tinned-copper lined. I have had all round experience in this factory, and I don't think I could better it in any factory in the State. I send my best regards for the welfare of "The Student."

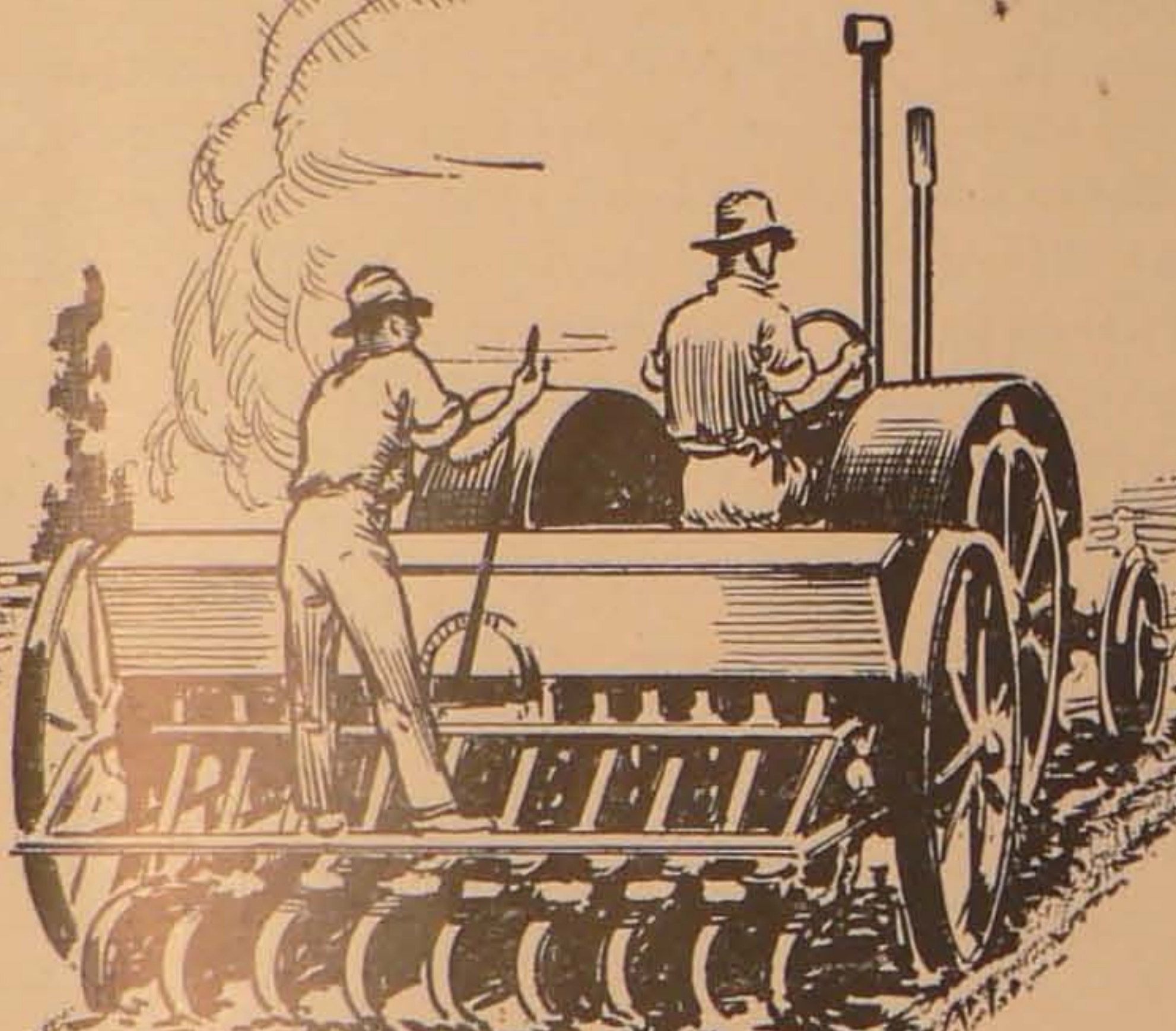
Jude, N. L. (1926).—Is gaining experience at Pondyong, Meningie.

Stott, R. C. (1926).—Was at the College recently with G. R. Rogers. "Beau" was then intending to try his luck in the South-East.

Rogers, G. R. (1926).—Is farming successfully on the West Coast, and spends his leisure moments fishing on the coast near Tumby. G. R. is situated about 20 miles from the coast, and is batching.

Palmer, T. B. (1928).—On leaving the College spent some time in the shearing-sheds on Kinchega, Yalcowinna, and Coorine stations.

ECONOMY



Mallala, S.A.
The Shell Company Ltd.

I have carried out a test with CROSS Kerosene and another brand in a 17/28 Twin City Tractor, pulling an 8-furrow plough, ploughing 2½ inches deep.

The test was commenced by filling the tank which holds 4th of a gallon. On measuring the difference in distance travelled, it was found that CROSS pulled 300 yards further.

The tractor was driven by myself, and on my own carburettor setting.

(Sgd.) W. N. BROSTER.

The New Cross Power Kerosene possesses to the full all the essentials to economical and efficient tractor operations.

1. **Economy of Soil Preparation:** Cross ensures a speedy and uninterrupted working during the whole period, with more work to the gallon.
2. **Economy of Power:** Cross vapourizes instantly and completely, thus maintaining correct distribution to and maximum power from each cylinder.
3. **Economy of Upkeep:** The complete combustion of Cross eliminates dilution of the crankcase oil, whilst the formation of carbon is reduced to the lowest known minimum.

To effect a big saving do your seeding on Cross

The New
CROSS POWER
KEROSENE

USE GOLDEN SHELL OIL, TOO

Is anxious to obtain a property in the Kalangadoo district, where there is some good grazing country to be had for about £3 per acre.

Blacker, H. F. (1929).—Writes from Tumby Bay as follows:—"We put in 700 acres of wheat at Cummins this year and 200 acres at Tumby, also 400 acres of oats at Cummins and 80 acres barley at Tumby. The average cut of hay from wheat was two tons per acre, and the estimated wheat yield 10 bags from fallowed land. Barley averaged 8.7 bags per acre, and oats on new land unfallowed 10 bushels." Mr. Blacker also intends trying his hand at breeding fat lambs for export.

Orr-Young, Jasper (1929).—Is working with R. Macrow at Mount Gambier, and appears to like the work, but deplors the fact that there is no piano in the house, an oversight which Mr. Macrow would be well advised to rectify if he wishes to retain Jasper's services. Knowing Jasper as we do, we feel safe in hazarding the guess that he has by now found a means of exercising his talent in this direction to the delight of Mount Gambier's audiences.

Harrison, L. G. (1930).—Is at present employed at The Point, Murray Bridge, on Mr. Morphatt's Dairy Farm.

Cuthbertson, J. L. (1930).—At the time of writing from Ballarat, Victoria, Jim had just finished assisting with the harvesting operations on a farm just near this town.

Spencer, L. V. (1930).—Left just recently for W.A. where he intends taking his B.Sc. course.

Hurn, J. M. (1930).—Helping on his father's orchard at Angaston. At present busy with the apple crop.

Hamlyn, P. (1930).—Was unfortunate in experiencing a fire on his property at Gumeracha on 1st February, as the following extract from "The Advertiser" of the 3rd of February indicates:—"Blaze at Gumeracha.—Gumeracha, February 1. A grass fire started

on Mr. P. Hamlyn's property, adjoining the Gumeracha recreation grounds, yesterday afternoon. Mr. Hamlyn, who is a student from Roseworthy College, only began work on the property this week. In attempting to clear some trees by blasting with gelignite he set fire to the grass. Fanned by a strong east wind, the flames made rapid headway, but a large paddock of tomatoes owned by Mr. Arthur Cornish intercepted the progress of the fire on the west side, and enabled the large number of fire-fighters who had arrived quickly on the scene to get the flames under control."

Clark, E. J. (1908).—Is at present managing the Shell Company's depot at Wyalkatchem, W.A., and informs me that B. O. Reed, another Old Student, is a client of his. Wishes to be remembered to all Old Students. James, Bob (1909).—Farming at Riverton. Has the reputation of being the best farmer in the district.

Martin, J. C. (1913).—Has a block at Renmark. Mentions the following Old Students on the Upper Murray:—H. E. Laffer, W. K. Tamblyn, J. Guinand, Ron Haselgrove, A. Gregory, N. Fotheringham, and W. Driscoll.

Paxton, A. W. (1924).—Is at present located at "Piangobla," Moongulla, N.S.W., which country is passing through a particularly dry period.

Glynn, J. McM. (1930).—Is settling down to work on his property at Rhynie.

* * *

EVENSONG.

Oh, now preparation is ended,
One day's dreary labour is past,
A few more details comprehended,
A few more instructors aghast.
I'll put on my old torn pyjamas,
Curl snug in my old iron bed,
Where there's rest for all poor weary farmers,
And soon to the world I'll be dead.

C. P.