

The Student.

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EDITORIAL.

WARM weather has again put in an appearance bringing with it favorable prospects for another good harvest, although the smut in the barley crop seems to be very plentiful. The rain and wind on the night of October 7th played havoc in some of the wheat, causing it to be knocked down, but it was not so serious as was first expected as a large proportion of the crop has come up again and is looking well.

The experimental plots in No. 4 are all looking well, and go to prove that the manuring has a marvellous effect, compared with plots unmanured. The extra dressings of nitrate manures on some of the plots make them stand out ahead of those without nitrates, but in our next issue we will see whether this will pay or not, as we will be able to publish a few of the results and detailed conclusions.

The vines this year have burst into leaf well, and have so far not been checked by any frost, as was the case last year, causing a very small vintage. The orchard is doing splendidly. All of the old trees in the lower orchard have been replaced by young ones, which, so far, appear to be thriving.

OUR FRONTISPIECES.

We are indebted to the kindness of Mr. Russack for the blocks of the wine cellars and that of a portion of the College flock. These photos. were taken by Mr. Ernest Gall for the College during last year.

FAREWELL TO MR. SHORTER.

With much regret we have to announce the resignation of Mr. Shorter, the Assistant Dairy Instructor. Although Mr. Shorter was not very long at the College he left something to be remembered by in winning at the Show with the Ayrshire cattle, securing

first in Ayrshire class, cow under three years, and second with the young bull, under twelve months. These cattle were got up very creditably by him, as the results he obtained will show. The young Jersey bull, "Collegian," lent to the College by Mr. Alick Murray, also secured first in his class, and was got up by Mr. Shorter.

THE EPIDEMIC.

The illness at the College is now, we are glad to report, all over, and we can safely say that it is not likely to be repeated, as many necessary precautions have been taken to prevent a recurrence which would not at all be relished, even if there were a few days more holiday on the end of it. The students and others are much indebted to the energies of Dr. Maher and others who took care of them. The only thing that seemed to worry a good many was that as illness came food went, and the appetites increased proportionally, and when patients were on the mend it took a day or two to recuperate, so that the sessional holidays were altered to suit the occasion, making a good long stretch of work to come before Christmas.

THE NEW GARDENER.

The garden has been somewhat neglected during this last month owing to the absence of a gardener. The vacancy has now been filled by Mr. Jennings, who is making a vast improvement amongst the vegetables and flowers. The students and others wish him all success and a hearty welcome through our columns of *The Student*.

SPECIAL DAIRY COURSES.

Special courses have been started at the dairy now under Mr. Suter. There are three special students in all, and there is room for eight, so that there are a few vacancies yet to be filled, but we can well expect that they will be filled as soon as the public hear a little more of the dairy at R.A.C., which at present is one of the leading features of the place.

CRICKET.

The cricket season has started again with student F. Cooper as Captain. The team this year, we think, will be a little stronger than last year, so that we can expect a fair percentage of wins. The Cricket Association of Gawler has again been joined, and a series of matches have been arranged, the results of which we will be able to see in our next.

NOTICE.

The students wish to thank the members of the staff and the ladies who so ably assisted with the annual sports and dance of the College, which success was largely due to the interest taken in the function by them.

Poultry.

By "Fowl."

THE hens of the Egg-Laying Competition are still doing remarkably well, and if they continue at the present rate will, in all probability break the record held by Hawkesbury, reflecting great credit on Mr. Day for his energies. The following are the results of the first five months of the competition ending October 19th, 1905 :—

Pen No.	Breed.	Competitor.	Total eggs laid.
1	White Leghorn	Muecke, C. W. L.	526
2	White Leghorn	Padman, A. H.	640
3	White Leghorn	Sargenfri Poultry Yards	467
4	White Leghorn	Kia Ora Poultry Yards	442
5	White Leghorn	Parish, Thos.	261
6	White Leghorn	Ontario Egg Farm	615
7	White Leghorn	Von Bertouch, J.	428
8	White Leghorn	Dobbie, Leonard C.	463
9	White Leghorn	Briarleigh Poultry Yards	466
10	White Leghorn	Foot, Chas.	359
11	White Leghorn	Ailowah Poultry Farm	507
12	White Leghorn	Kinnear, A. E.	460
13	Silver Wyandotte	Piralilla Egg Farm	497
14	Silver Wyandotte	Smith, W. A. E.	367
15	Silver Wyandotte	Brookman, Norman	491
16	Silver Wyandotte	Balfour, John G.	463
17	Silver Wyandotte	Bartlett, D. W.	522
18	Silver Wyandotte	Dobbie, Hector J.	564
19	Silver Wyandotte	Yenda Poultry Yards	478
20	Golden Wyandotte	Mellor, P. W.	260
21	White Wyandotte	Wright, Chas.	542
22	White Wyandotte	Gibbons, J. & A.	506
23	Black Orpington	Utility Poultry Yards	448
24	Black Orpington	Wimble, F. J.	552
25	Black Orpington	Krummell, W. F.	460
26	Black Orpington	Francis, Jas.	323
27	Buff Orpington	Laidlaw, R.	445
28	White Orpington	Brookman, Norman	438
29	Minorcas	Penglase Bros	410
30	Black Andalusian	Evenden, W. F.	564
31	White Leghorn	Dix, H.	532

Total Eggs Laid 14,496.

Farm Notes.

By E.J.C.

The following operations started as soon as the early rains set in, and after the ploughing was finished there was seen to be about 620 acres under.

"Nottles" and "Island" are the two largest fields under fallow this year, and these have been ploughed up, and scarifying is still in full swing.

Fields No. 5 and No. 6 were also fallowed, but are now carrying summer crops.

FIELDS.

No. 3 "Ensilage Crop."—This crop has turned out splendidly, and after binding, carting and chaffing, has been stored away in the four pits for use during the summer. There were 20 acres under this crop, which yielded 150 tons. It consisted of a series of green feeds, which, when mixed together, formed a splendid receipt for ensilage making. Oats, wheat, peas, vetches, and barley formed the above.

No. 4 This field contains experimental plots in the shape of rotation crops and manure tests, and is an item of much interest to all visitors. There being 61 two-acre plots in all, space will not allow of each one to be described individually; but one only requires to have a look over the many sections to see the differences manures, etc., have on the land.

No. 5—This field has been worked in three parts. On third part after being worked up early in season has been sown with kale, for the use of feeding sheep and cattle during summer months. Another third part has been left for pasture. The remaining part has been ploughed up as a fallow.

No. 6—This paddock has been divided into four parts for the purpose of a series of rotation crops. One part is under fallow and has been worked accordingly. The other three parts have been left for pasture, and have carried a splendid crop of feed; considering that the cattle, sheep, and horses have been almost constantly fed off them. The lucerne patch has been extended at the South end of this field.

No. 7—This field was sown with a mixture of Calcutta oats and Silver King wheat for the purpose of getting a good crop of hay. Is looking well, and ought to turn out splendidly.

No. 8—This field was drilled with peas, looking very healthy and clean, and shows prospects of an exceptionally good yield.

No. 9—Several varieties of imported French barleys have been sown in plots in this field : also some local barleys from College-grown seed. These latter barleys have a hard task before them to yield higher than the French, but with the exception of Guy-malaye, which ought to yield 65 to 70 bushels to acre, there is very little to choose from. The average yield for this field should be about 55 bushels, which is a splendid turnover.

No. 16—This field was sown with Cape barley and rye. The Cape barley is looking exceptionally well, and will be well up with the No. 9 barleys. Rye is also shining out with a splendid yield before it.

"Dahlitz"—Being seeded with oats at the beginning of the season, this crop showed good growth, but as the wet weather came on, the land being low-lying, became saturated with water, and thus the crop was a failure. This field has been ploughed up, and what crop there was served as a green manuring to the land.

Flett's.—This field has been broadcasted in with Gluyas and King's Early, and has, through the agency of weeds (charlock), been rendered exceedingly dirty. Neighbors seem to think this crop is the biggest failure for miles around, and proclaim that it ought to be ploughed in.

Fat lamb raising pays at 38s. per head.

Shearing has got a good start and will continue until further orders.

The Ayrshire bull resented his second at the Adelaide Show.

Mr. Murray's Jersey bull took a good first, and he richly deserved it.

The dairy herd going off a bit in milk supply.

Rule foaled 14th October, dropping a nice filly foal to Cragie Burn.

Slitric and Dee are both looking exceptionally well at present.

Herding pigs out in field No. 5.

Rule and the two young bulls are having a good time in the lucerne patch, which is at present looking nice and green.

DISPOSAL OF LAND ON COLLEGE FARM DURING PRESENT YEAR.		Acres.	Acres.
Permanent Experiment Field—			
Blocks under crops	80
Bare Fallow	42
			—
			122
Ordinary Farm Crops and Special Varieties—			
Wheat	187
Barley	81
Oats	29
Rye	6
Mixture of Wheat and Oats	30
Special Ensilage Crop	20
Peas	25
Kale	23
Hand variety plots	2
			—
			403
Farm Fallows, portion of which will carry Summer Crops.			
Irrigation Blocks—			
Lucerne	2
Fallow	14
			...
			16
Available for Grazing	260
Buildings, Yards, and Scrub	11
			—
			1,430

Agricultural Old Collegians' Association.

ANNUAL MEETING AND DINNER.

THE annual gathering of the Old Collegians' Association connected with the Roseworthy Agricultural College, which takes the form of a dinner and annual meeting, was held at the Old Exchange Dining Rooms, Pirie Street, on Thursday evening. The Principal of the College, Professor Perkins (President of the Association) occupied the chair, and he was supported by the Chairman of the Advisory Board of Agriculture (Mr. John Miller) and the President of the Royal Agricultural and Horticultural Society (Mr. John Hill), and Messrs. J. F. Martin (Gawler), W. C. Grasby, and J. Ashton.

The loyal toasts having been honored,

Mr. JOHN HILL proposed "The Agricultural College and Old Collegians' Association." He said the College was one of the best institutions in South Australia for the best interests of the com-

munity, especially of agriculture. Some of the proposals which had emanated from the College had benefitted the farmers of the State, and in many cases had increased the value of land from 50 per cent to 75 per cent. Land which was thought to be of little use some years ago was now a goodly heritage to its owner. He was glad indeed when Professor Perkins took charge. (Cheers). This year had been a bountiful one to the College in rainfall, and the result was bound to be of financial benefit to the institution. Considering the amount of land at their disposal, and the cultivation, and the stock on the farm the term "intense culture" could well be applied to it. (Cheers.) The institution was likely to be a greater factor than ever in assisting agriculture. When they knew that the College was in charge of competent men who were working only for the general community and the advantage of the institution, they must feel that they had an institution of great advantage to the State. Students had benefitted the localities in which they had settled, and that ever-spreading knowledge must prove of great help in developing the resources of the State. In the Old Collegians' Association those that had passed through the College had a bond of friendship which would unite them for their best interests. The pioneers of the State had done great work, but the students of the present day were likely to do greater service, because they started where the pioneers left off, they had better knowledge of local conditions, and, above all, they had science at their back. (Cheers).

Mr. J. F. MARTIN, in support, said the College had gone through hard times and had issued successfully. The prosperity of the College meant the success of the State. (Cheers). The intense culture referred to by Mr. Hill had been brought about by science, and the same results could be attained on any other land in the State. The College required more liberal treatment, and he suggested that 30 single bedrooms for the students might be built, and the conditions made more comfortable. They might also have reasonable cellar accommodation for the summer time. It would be money well spent. All those things affected the farming community, and if the agriculturist took a little more interest in the institution it would be better for everyone. He wished all success to the College and its Masters. (Cheers).

PROFESSOR PERKINS acknowledged the toast, and hoped the College would reach the goal which had been described. They must recognise that in the past it had done a lot of good to the State. If they took only the one item of the general adoption of phosphatic manures throughout the State they could see what it had done. That, however, was only a side issue from its main work. Its main object was to train young men to make the most

of their opportunities on the land. Without vain-glory they could say that there were many old students doing exceptional work, who, as they became older, would be able to point the way to their neighbors who had not had the same opportunities. As a public institution Roseworthy College was exposed to praise on the one hand and attack on the other. What was not remembered by those who dealt with it was that an educational institution was exceedingly sensitive—that it was affected more easily by criticism than any other. When men saw reports that the food was so bad as not to be fit for the pigs they decided to put their sons to other callings. That was a kind of criticism from which private institutions were perfectly safe. All things considered, they had every reason to be satisfied. Although at about the time he spoke of the number of students was the lowest for ten years, there was never a larger number than they had at the present moment. (Cheers.) There was every chance of soon having 60 on the roll. Speaking from an experience of 13 years, he said the position of the students now was better than it had ever been before. They had greater opportunities, the comforts were greater, and, whilst he agreed with Mr. Martin that something might be done to make the institution comfortable, at the same time they must avoid making the conditions more comfortable than they were likely to be when the young men started on their own. (Hear, hear.) He had had 18 years' experience of boarding houses, and he had never had better food than at the College. Those who had complained would have more reason to complain when they had to provide for themselves. Never before had the institution had such a number of teachers dealing with special subjects. Criticisms had also been levelled at the farm, and by those who had never been on the place. If their neighbors who found fault had been on the farm and discussed it, he would have said they had a right to their own opinions. For the most part, however, they had not been there, although they might have looked over the fence. The farm consisted of about 1,400 acres. Of that area all excepting 260 acres was either in fallow, or under cultivation, or under buildings. The 260 acres was available for grazing. On that land they had 950 sheep, including lambs, about 50 head of cattle, about 250 pigs, and the horses which were stabled. (Cheers.) Few farms could show such a record, and as a proof of their quality three of the lambs had taken prizes at the Show. (Cheers.) They had never had heavier ones; they averaged 115 lb. live weight. (Cheers.) The position of the College to-day was as good as it had ever been. Unless the institution was slightly ahead in practice of the neighborhood, it was not doing what it should do. They should endeavor always to be a little ahead, and thus be a useful factor in the community. They recognised

in the Old Collegians' Association a body that had done much good for the institution. Let them hope that in the course of time, as the numbers expanded, the Association would make itself heard in most questions affecting the State. Their body was an encouragement to those at the College. (Cheers.)

Mr. JOHN MILLER said the advantages of the College had long been recognised in the north. He felt that the State would benefit still more in the future. He endorsed the statements regarding the increased value of the land and greater production from the soil. He wished the Association every success. On many occasions he had regretted that the recommendations of the Advisory Board of Agriculture had been so tardily undertaken. The feeling throughout the country was in favor of assisting the agricultural departments. The College was really a paying institution, and it would be a good investment to carry out the improvements suggested by Mr. Martin.

Mr. T. E. YELLAND (Secretary) presented the annual report of the Committee, which stated that they had been making steady progress during the year, although only a small percentage of those leaving the College had become enrolled. "Most students," the Committee observed, "seem to think that their duty to the College and their fellow students is done when they have finished their course of study. They forget that the success of the Agricultural College depends as much on the past students as on the present, and it is their bounden duty to do their share in fostering its progress." A welcome was extended to Professor Angus, and congratulations offered to Mr. R. Wiese, who had won the annual cup. An enlarged photograph of Professor Lowrie had been framed and hung in the dining room of the College, and it was intended to similarly honor the other principals.

The report was adopted.

Officers elected :—President, Professor Perkins ; Vice-Presidents, Professor Angus, Sir Langdon Bonython, Hon. R. Butler, Hon. L. O'Loughlin, Messrs. John Hill, J. F. Martin, H. Kelly, J. W. Porter, B. Seppelt, J. Miller, W. Gilbert (M.P.), J. A. Haslan, J. G. Ashton, F. W. Russack, W. C. Grasby, H. A. Parsons ; Secretary, Mr. T. E. Yelland ; Assistant Secretary, Mr. H. B. Robson ; Treasurer, Mr. L. H. Muecke ; Committee, Messrs. J. Wallace Sandford, C. G. Savage, H. E. Laffer, R. H. Martin, and A. G. Pritchard ; Auditors, Messrs. C. F. Heyne and N. Brookman.



Subscriptions.

THE report and balance sheet presented at the last annual meeting held in September showed a falling off in subscriptions, and the credit to the Association had decreased to about £6. There is plenty of room for extending the work of the Association if the old boys will only keep their subscription going. If the present rate of decrease goes on the students' paper, so far as the Association is concerned, will have to fall out of existence. As this is one of the connecting links between the past and present, it would be a great pity to cease issuing the *Student*. We therefore confidently ask old boys to forward their subscriptions, 5s. per year, as promptly as possible. This entitles them to a free copy of the *Student* and membership of the Association.

Farmers' Day.

By E.J.C.

ONCE more that long looked for day has come around again when the "cockies" from all parts of South Australia turn out in all their war paint to have a day out at the Roseworthy Agricultural College Farm.

Monday morning, 18th September, saw the College drag leave that institution for the railway station to help convey the "tillers of the soil" to, and around, the College grounds. A long procession of hay waggons, drays, etc., packed full of visitors, lined the route to the farm. After driving around viewing the more distant fields, a bee-line was struck for the College, where luncheon was partaken of with good heart by our farmer friends. It was soon noticed that there was a record attendance, and after luncheon fully 400 visitors began to spread themselves all over the farm and fields. The first startling eye-opener was the barley crop in No. 9. This field was put down by our friends to yield at least 60 bushels to acre, and they will not be far out.

After reaching the farm many were the words of astonishment and praise passed between the lips of the "cockies" as to the general looks and improvements there.

Professor Perkins and his staff were heartily congratulated upon the very satisfactory appearance of things, and a vote of thanks proposed to him by the Minister of Agriculture, Hon. L. O'Loughlin, was enthusiastically carried and appropriately acknowledged.

A similar vote to the Minister, on the motion of Mr. Coombe, M.P., closed one of the most enjoyable and profitable of farmers' days.

The Annual Sports and Dance.

By 41.

The annual sports and dance was held on Friday, July 21st, 1905. The day was not altogether favorable, light showers falling during the afternoon, but, despite this fact, the sports passed off well, most of the events being keenly contested. The following were the officers in connection with the sports: President, Professor Perkins; Vice-Presidents, Professor Angus and Mr. F. W. Russack; Hon. Secretary, R. Wheaton; Treasurer, J. A. B. Stevenson; Assistant Secretary, R. Baker; Committee, S. J. Bottrill, C. H. Heath, and A. V. Stephen; Judges, Messrs. F. W. Russack and E. R. Emery; Starters, Messrs. C. Shorter and J. L. Williams; Steward, Mr. H. E. Laffer; Timekeeper, Mr. W. R. Jamieson, B.Sc.

The 100 Yards Championship was again won by C. S. Robertson in 10 3-5 secs., who also won the 440 Yards Scratch and the Long Jump.

The 120 Yards Scratch Hurdles was well run, W. Fairweather just winning from J. Naish.

The Half Mile Handicap was a well-contested race, there being a lot of competitors. The pace was made hot from the start, Richards, with 20 yards handicap, was first to breast the tape.

The Mile Scratch did not attract many competitors, consequently the race was slow. W. Aldridge, with a good sprint, won easily.

The Tug-of-War caused much excitement, the contesting teams, 8 a side, being representatives of the town and country, the former being captained by Professor Angus, and the latter by Mr. H. E. Laffer. After a good struggle the town team were victorious.

The greasy pig, to which had been applied a liberal application of oil, made a bold dash for liberty, but was finally secured by R. Baker.

The following is a list of prize winners:

KICKING FOR GOAL.—1, Naish, 2, Cooper, 3, Clarke.

135 YARDS HDCP.—1, Donnell 15, 2, Kühne 17, 3, Magarey A. A. 17.

PUTTING THE WEIGHT.—1, Cooper, 2, Motteram, 3, Wilson. Distance 29 ft. 5 in.

120 YARDS HD^BCP. HURDLES.—1, Fairweather 6, 2, Naish scr., 3, Bottrill 9.

100 YARDS CHAMPIONSHIP.—1, Robertson, 2, Jacobs, 3, Horrocks.

SACK RACE (80 yds.)—1, Jefferies, 2, Donnell.

120 YARDS HURDLES (Scr.)—1, Fairweather, 2, Naish.

440 YARDS (Scr.)—1, Robertson, 2, Jacob, 3, Spicer.

220 YARDS FLAT.—1, Tassie 25, 2, Wheaton 20, 3, Clarke 25.

HIGH JUMP.—1, Naish, 2, Jefferies, 3, Clarke. Height 4 ft. 11½ ins.

HALF MILE HDCP.—1, Richards 20, 2, Kühne 45, 3, Donnell 40.

LONG JUMP.—1, Robertson, 2, Naish, 3, Jacob.

ONE MILE (Scr.)—1, Aldridge, 2, Tassie, 3, Snell.

TUG OF WAR—Town Team.

GREASY PIG.—Baker.

The title of Champion Athlete was won by C. Robertson, winning with nine points.

In the evening the Dance was held, but before its commencement the sports prizes were given out by Mrs. Perkins, to whom we tender our thanks.

The following are the members of the Dance Committee:—H. C. Wilson (Hon. Sec.), R. Pocock, W. Fairweather, C. S. Robertson, K. Gardiner, and Messrs. H. E. Laffer and C. L. Shorter. The general arrangements for the evening were carried out in an efficient manner. The dining-room was tastefully decorated with art muslin, Chinese lanterns, etc., and when the place was lit up made a pretty scene. The floor had been well prepared, and was in splendid order until visits to the carobs, etc., were made, and by this means fine gravel was brought in to the dancing-room, and thus, to a large extent, spoiling the floor for dancing. The attendance was large, and the floor was crowded throughout the evening. Supper was provided in the reading-room, and was well patronised by all. This brought the first session to a close, and the following morning the students left for the holidays.

Pieces.

M.

Whagh.

Dam, full.

Shearing.

Sweet Nell.

Wool trip again.

R.P.B. still suffering.
 Love makes the world go round.
 New dairy has started at last.
 Crops looking well in spite of R.P.B. criticisms.
 Epidemic ! Starvation evidently the only remedy.
 Oh, for the taste of a vanished crust and the sip of the milk
 that is no more.

Notes and Queries.

The "Bird."—Yes, abscesses are decidedly infectious ; would advise isolation for at least nine months.

"Dogga."—Am I right ? Would refer you to Engineer in Chief when constructing subways *over* the railway.

"P.D.L."—Why retire with half a college scarifier in your eye.

"Zillion."—Sorry you are getting so thin; you should not indulge in so much exercise.

"T., Jr."—There is likely to be a rise in the meat market shortly, prospects favorable. The consignment of mutton referred to is under police protection ; you can be had up for stealing.

"Jack St.-V.-N." Sorry to hear that your correspondence worries you. Would advise you to employ a private secretary.

"Willy."—There is more than one advantage in running light weights in the skating rink.

Notice. -Visitors are requested to wear glasses or else "put a little more water in it" when inspecting College crops.

Vineyard and Orchard Notes.

By J.

THE vineyard is now in the best of condition, the second ploughing being completed, leaving the land in a fairly clean state. The vines at the tennis courts are somewhat weedy, being ploughed early, and the grass has grown, but this will shortly be remedied by the scarifier. Pruning was completed in good time this year, the third years' getting a big share of it. The young vines around the windmill have all been trellised, and are to be trained as Bordelais spaliers. The vines have started to shoot well, and show all prospects so far of giving a good vintage. The cultivation at Maboff's has been somewhat difficult this year owing to continued rains; the ground there being heavy, it is very difficult to work when it is at all wet, but it has turned up much better than was at first expected.

Spring racking in the cellars has been completed, although there is not so much wine to rack this year as there was last on account of the small vintage. The cider made has so far turned out very well, some of which is to be made into sparkling cider, and will make an interesting lesson to the students.

The orchard is looking well, and the ground is in a nice clean condition. The young trees may be expected to do better this year as they are all in a position where they can be irrigated. The almond trees in the lower orchard show signs of giving a better crop than usual; although not a heavy one, it will be an improvement on former years.

The young pine trees planted on the outskirts of the vineyard and around the College are in a splendid condition, a blank being very rare. These trees have received every attention, so that good results may naturally be expected.

The Laird has again hurt himself some way or other in the styfle joint, and has had to be turned out to grass for a period; this will be somewhat inconvenient, as the first scarifying and summer tillage generally has yet to be gone through.

Dairying.

By W. and M.

AT last the dairy has been fully equipped by the arrival of the cheese-making plant which was manufactured by a local firm, A. W. Sandford & Co. Within the next week or so we expect to have this new cheese plant working. Owing to the resignation of Mr. C. L. Shorter, our Dairy Assistant, we are unable to start sooner.

A smoke house has just been built for the smoking of bacon, which is to be run in conjunction with the dairy. This will be a great addition to the College, as up to the present there has been no provision for the curing of bacon.

There is one improvement addition which all the students bless, and that is the replacement of the old Alfa Laval, which was worked by hand, by an Alfa Laval worked by turbine.

A special dairy course has been started, giving the students a thorough education in butter and cheese making and bacon curing.

With regard to our dairy herd, they have been milking splendidly. They have been stabled all through the cold winter months, which showed a vast improvement on former years when they were turned out. If the dairy farmers in South

Australia would only take a lesson from this they would find out what a good practice it would be ; the cows would not only benefit by it, but the farmers' pocket would also obtain the advantage.

Up to the present there have been 16 cows in milk, averaging about eight pounds of butter a week each, which shows that our herd is above the average dairy farmers' in this State.

Our dairy herd came out with honors at the last Adelaide Show, gaining two first and one second prize. Two of these were the cattle Mr. Suter imported from Victoria. The other was obtained by a young Jersey bull lent to the College by Mr. A. J. Murray for an unknown period. This bull is now being mated to a few grade Jersey cows.

Our young heifers are all coming along well. A few of the best will be mated with the young Jersey bull as soon as they are ready.

All of this year's calves have been well looked after, and are showing great promise of turning into good cows.

The calves of the average dairy farmer do not receive enough attention from the time they are born until they are turned out into the paddock. More attention should be given to these young animals as they are the back-bone of a good dairy herd.

Ensilage making has just been finished, and this valuable product will supply the cows through the dry summer months. This year the ensilage has been chaffed, and it has been found that the pits hold a great deal more by using this method.

The Clip.

By "Dorset."

STROLL into the shearing shed (as we shall call it) at the College on a morning of October, and you will see the merry band of pilgrims shearing the wool from the sheep's back, while the sweat runs off their own. Judging from appearances, the floor looks rather dangerous, and I am sure it would make a far better billiard table than it does a floor, with all the pockets ready, except for the fact that they are in the middle instead of the sides. It is an ideal meeting this one in our barn, and you would not take it for the Y.M.C.A. when you hear the expressions of love lavished on the woolly quadrupeds by their tormentors. Nothing will stop you reaching the farther end of the shed, providing you are in possession of a good sword and a strong hardy constitution. Without these requirements the atmosphere which hangs around in a green hazy hue is so dense and overpowering that asphyxia ought to

stand a good chance against those who are not "acclimatised." But enough of this, let us pass on to the shearers, just say a word about the "whitewashing" of the sheep, etc., and then look at the murderous gleam in his offside eye, and you will see quite enough, and if you don't see it you will certainly hear it, for out it surely comes. The number of sheep done by each shearer varies considerably. The number of students that compete for ringer is generally limited at 2 %, while those who evidently go for minimum number of points, 98 %, and those for the luncheon, 101 %, which helps to bring up their averages respectfully.

The first sheep that were shorn were the Merino^hhoggets, and were easy to shear if you knew how to pick them, but that needed sound judgment, especially if Jack was watching. The fleeces of these youngsters were good, going about 7-11 lbs of good quality and staple. The next lot going through were some Crossbred hoggets of different crosses, and therefore the returns were varied, but on the whole were good. The Merino ewes purchased last year from Pewsey Vale were next shorn, and yielded good fleeces, the wool being of special good quality, and a good return is prophesied. After these came the big Crossbred ewes, and then came the struggling. The Ju-Jitsu wrestling system was child's play to this, and when at last the sheep was overcome, the victor would sit upon it and enumerate the number of ways it would meet its death if he were the owner. The wool on these sheep was coarse but weighty, and various qualities. The tight-wooled Shrops. gave the most trouble, and the mild-eyed Dorsets perhaps the least, but they were all glad when they were done, as were the students. A milder and far better time followed in the shearing of the lambs. The lads were now given an opportunity of showing their strength to advantage, because it was "simply marvellous" the way they held their own with these monsters. The fleeces of these lambs went at about 3 to 4 lbs, some showing good quality. With the completion of these lambs the shearing operations closed here for another year, to everyone's entire satisfaction and relief (especially the sheep's) and the chaps' shearing trousers were stood against the wall, either for boiling down or to be discarded, the latter fate being highly (in both senses of the word, pooh!) advisable. As the shearers sit in their rooms and talk at night when labors are completed you would think that they had won and lost fortunes at the game, and never dream that they were of at least four days' vast, unlimited experience.



Kingsford.

By C.S.R.

FORTUNE seems to favor the Roseworthy College students, for again we were favored with a fine day for our visit to Kingsford, the home of the Hereford herd of the late J. H. Angas. At 12.30 punctually the first drag left the College, and after an hour's drive, accompanied by much so-called music, our destination was finally reached.

Mr. Forbes was as usual there to meet us, and also the trustees of the late Mr. Angas.

The students immediately began to inspect the stock, which were in the yards near to the stopping place, and opinions were somewhat varied on the different animals. This inspection being over, Mr. Forbes kindly had the Hereford bulls, led by the General Mayfield IX, paraded, and a fine lot they were. Amongst these was a Shorthorn bull which had numerous admirers, and certainly looked tip-top. The yearlings of both breeds were next inspected in the yards, and looked a very promising lot, especially the Shorthorns. The cows, with Venus as a leader, looked very well, and in the pink of condition, and there was but little to choose between the four comprising the team to visit the sister States.

Mr. Forbes is without doubt a walking encyclopædia on cattle, and offered most valuable advice to all present on the various points of the "beef breeds."

One member of the Kingsford team was missing this year, namely "Cressy," who was greatly admired by all last year, and was rather a disappointment to some who were present.

Mr. Forbes and his assistants are to be greatly praised for the way the herd was prepared, no trouble or expense having been spared to perfect it, and we congratulate them upon their successes at the various shows.

Last, but by no means the least item on the programme, was the excellent repast provided for us by Mrs. and the Misses Forbes, and we thank these ladies most heartily for their kindness. Tea being finished, Professor Perkins thanked Mrs. Forbes and the Trustees for the kindness shown in a well-worded speech, to which Mr. Forbes ably responded, and after Mr. Bakewell had mentioned that arrangements had been made for the visits to be continued, cheers were given for all who had provided a most pleasant outing, the home journey was commenced with still more vigorous singing, with numerous wind instruments to help the singers.

Concordia.

By "Jumbuck."

ON September 21, two days after we had returned from our three weeks recuperation following that fearful epidemic, we third year students were only too pleased to accept Mr. A. J. Murray's generous invitation to his stud farm, Concordia, to witness the shearing of his best rams.

Leaving the College at about nine o'clock in our comfortable old motor, I mean chariot, with the beautiful padded seats, we started for Gawler in high spirits, and arrived there at about ten o'clock. All the necessary purchases being made in the "fair city" one of Mortimer's drags was boarded and a start made for Concordia. The difference between our two journeys that morning might be well compared with that of a ride on Esk for 10 miles bare-back to the same on Jack at a trot. We were welcomed at Concordia by Mr. Murray in person, and after dismounting we were conducted to the shearing shed, where we found four shearers at work on the rams. The point that struck one most on entering the shed was the great care taken in removing the fleece from the sheep, and the subsequent handling of it. Great disappointment was felt on account of the unavoidable absence of Mr. Jeffrey, but Mr. Murray and also Mr. Hamilton, his Manager at Concordia, gave us useful and interesting tips in connection with sheep and wool generally. The fleeces did not cut so high this year as they had on some other occasions on account of its being a bad season for wool. The highest weight attained was 22 lbs. 8 ozs.

The prize winners at the Adelaide Show were pointed out to us, and anyone not knowing Mr. Murray's past career in this line needed only to look at the rafters of the shearing shed, where scores of prize tickets were tacked, and see how successful he has been.

Each fleece as it was shorn was placed in a piece of oilcloth and carried to the table, and carefully skirted, then turned completely over with great care and wrapped up neatly in a calico cloth and weighed and put away for show purposes.

Hearing that some sheep were to be dipped, some of us made our way to the scene of operations. One of the spectators seemed to be highly amused at the proceedings, whether it was through trying to imagine himself in the same position as the sheep as they were thrown backwards into the dip, or the "drowned rat" appearance of the animals as they found their way out, is for him to say.

At 12 o'clock a spell was taken for dinner. Mr. Murray had had a rare "tuck in" provided for us to which we all did credit with the help of a little lubrication. The noted Mr. P. O. Khole seemed particularly fascinated by the tucker, in fact we were afraid he would be forced to take a tuck out as a result.

The afternoon was spent in watching the shearers until three o'clock, when afternoon tea was served in Mr. Hamilton's residence. That "painful" ceremony being over, we boarded the drag and thanking Mr. Murray for his kindness, gave him three cheers, started on the return journey. The menagerie also started to give vent to its feelings until the charms of the music soothed the savage beasts, chiefly on account of the strain turning them hoarse,

Arriving again in Gawler a visit to Martin's Foundry was suggested, and accordingly the Professor took us up. We found Mr. J. F. Martin, and he showed us the various interesting parts. We finished up by seeing a wheel tyred by the cold process, and then thanked Mr. Martin and made for the Old Spot. Here we mounted our old "horsomobile" and set off for home after a most instructive and enjoyable day.

The Angaston Trip.

By B.B.

ON Saturday, August 5th, our football team, with a very few supporters, made the annual trip to Angaston. At the beginning of the year about 50 of the students were quite positive that they would make the trip, but when the start was made only 20 were seated on the drag. On the Friday previous the College Astronomer predicted the following weather forecast, which was no doubt based on the weather which usually prevails when this trip is made:—"An enormous storm, or something very unusual, as we had 'fresh fish' for breakfast." The "unusual" happened as it turned out to be a fine day without even a sign of a storm. At Gawler we left our drag, and completed the journey in one of J. J. Mortimer's five-horse drags, which was driven by A. Mortimer. From Gawler we were accompanied by Mr. L. Ery, and Rex. Barritt, an old student, was picked up at Lyndoch, both of whom played for us, and we thank them for their services as we would have otherwise been short. Angaston was reached a little after twelve o'clock, and dinner time, one o'clock, came in about two hours, this time being occupied in looking around the town on a fine day, a very rare occurrence with the College football team. Dinner was served at last, and, after partaking of soup, we were confronted with the following choice: Roast turkey and

ham, roast beef, roast lamb, or boiled mutton. Not being used to any of the last three mentioned we did not care to try them in case they should not agree with us, so all decided to have roast turkey. At half past two we made our way to the football ground, which is one of the prettiest ovals in the State. As we were still one short, A. C. Smith, an old student, filled the vacancy.

Our team were not in good training, having just returned from the holidays, but our opponents, on the other hand, were in good trim, and, though our team played well, we were not good enough to win, the final scores being : Angaston 7 goals 12 behinds, R.A.C. 4 goals 2 behinds. Leppinus, Naish, Stephen, Barritt, and Fry played well for the College, Leppinus kicking two goals, Naish and Stephen one each.

After much argument it was decided to leave at 8.30 p.m., but it was 9 o'clock before we made a start. At 8.45, when most of the team were on the drag, the College call "rick-rick" was given, and those still absent were obliged to leave their musical evenings, etc., etc., in a hurry. Somebody, in the excitement of the moment, brought away with him a bag belonging to a traveller, which, when opened next morning, was found to contain samples only : this was returned on the following Monday, the owner having kindly sent for it.

Gawler was reached a little after 12, and no time was lost in changing into our own drag. Home was reached about 1.30 a.m., everybody except "Bridge" having had an enjoyable trip, he, with his usual luck, got hurt, somebody in jumping on his chest missed footing, and displaced poor "Bridge's" collar-bone, which, we are glad to say, is alright now.

This was the last match of the season owing to Angaston being unable to play a return. The season just closed has been more successful than that of last year, ten matches being played, five of which were won and five lost.

Tennis.

"By Rottah."

THE tournament went off very successfully. R. Donnell who fought well thoroughly deserved his win. Many thanks are due to Professor Angus, who presented the winner with a racquet. The strength of the team this season will not be quite what was anticipated as we have lost our strongest double, viz., P. H. Pickering and E. J. Titley. However, with plenty of practice and confidence, we can and will come out on the brighter side.

Possessing only one playable court we have had to play all the matches away from the College. This has, to a certain extent, been a great drawback as the players never felt so thoroughly at home on strange courts, and consequently have not shown to their best advantage, so that a few matches—not too many—played on our own grounds would not be amiss. Also one court is not enough for everyday use as there are between 20 and 30 players. This, however, we hope very soon to be able to remedy by employing a competent man to thoroughly repair the old court.

The following information concerning a few of the players might enlighten them :

C. H. HEATH.—Although he does not deserve the honor, by some freak of fortune, he was elected Captain, and as such has to be placed first on the list. He has a very awkward style, besides continually serving doubles.

J. A. B. STEVENSON.—If he showed a little more energy, and went out to practice more often, it would be hard to find a better man.

C. S. ROBERTSON.—Since last year he has improved wonderfully, and generally plays well and consistently.

S. J. BOTTRILL. He also has improved this season, but perhaps if he took the advice of one of his fair friends in Gawler, he might do even better when playing at net.

J. HORROCKS.—The Hon. John is rather erratic, but often plays a good game. If he was not so awfully modest there is no doubt he would play better.

F. H. SHAND.—He has improved somewhat lately, but has not yet struck the form he was in last year.

J. G. SANDLAND.—A very promising player, and with more practice should improve.

W. M. KAY.—If Kay's play was half as strong as his language on the court he would indeed be brilliant.

R. POCOCK.—Our worthy editor has gone off a bit, but no doubt it is only temporary.

R. DONNELL.—He has gone off a good deal since the tournament, and to a great extent lost his serve.

[The writer hopes the above will not cause any offence, as that is far from his intention.—ED.]



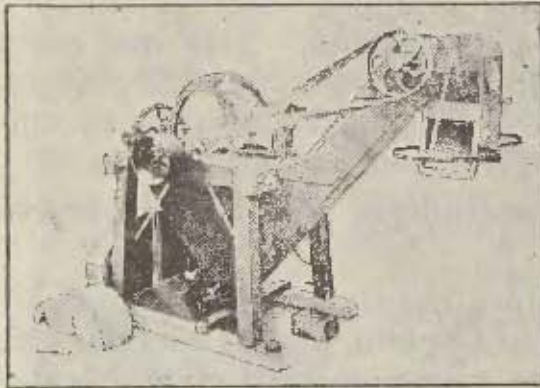
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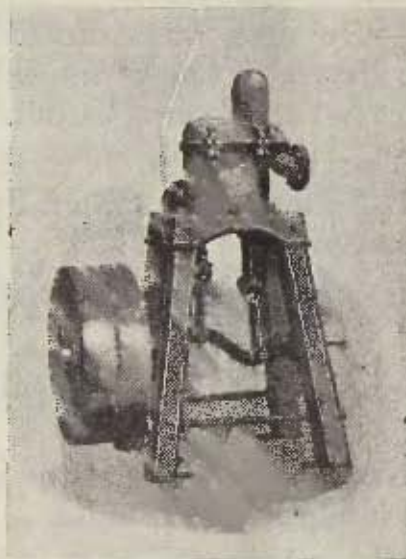
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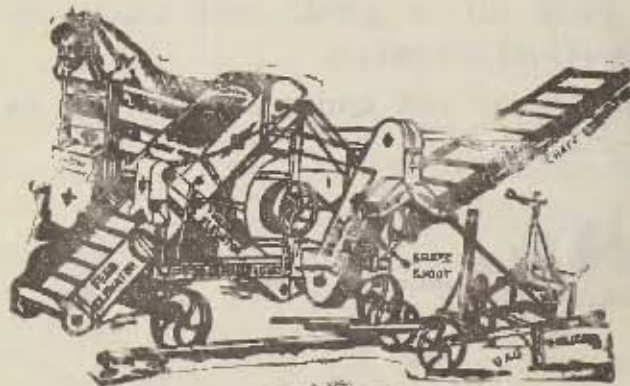
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