

Animal Husbandry Department of Oregon Agricultural College

New Men Added, Which Makes Organization Complete.

WITH the addition of two new members to the Animal Husbandry department at the Agricultural College the organization has been completed according to plans prepared and adopted by Professor E. L. Potter, head of the department. The additions to the faculty are Professor Carl N. Kennedy, assistant professor of Animal Husbandry, who will specialize in horses, and Professor Ralph Reynolds, who will have charge of the livestock extension work in all lines except dairy



C. N. KENNEDY
Assistant Professor of Animal Husbandry, in Charge of Horses.

cattle. Up to this time the department has been forced to combine the work relating to horses with one of the other leading branches of animal husbandry, while the extension work in farm livestock was cared for by Professor E. R. Fitts, specialist in dairying, who now can devote his entire time to the dairy interests of Oregon. Professor Reynolds will have charge of extension work in horses, beef cattle, sheep and swine, and will devote especial attention to the problems of marketing.

Instructional Work.

In the instructional work of the college, as the work of the department now stands, Professor Potter will have general supervision of all lines of work, and special charge of beef cattle interests. He has previously devoted the larger portion of his time to this phase of the livestock business, but was compelled to share his attention with the work relating to horses and sheep, and to spend more time than he could well afford in caring for extension interests. In addition to these duties he was secretary of the State Stallion Registration Board, an office that will now be filled by Professor Kennedy. Professor Potter keeps in close touch with the stock industry on the Oregon farms and also co-operates with the



O. M. NELSON
Instructor in Animal Husbandry, in Charge of Sheep.

leading market men of the state in methods of marketing beef cattle and with the types in greatest demand by the general markets. By thus relating his work to that of farmers in breeding, feeding and management, and to that of dealers and packers in most profitable types and best market systems, he is able to make his instruction and demonstration fit pat to the needs of the students.

Swine Industry.

Work in the swine industry has been in charge of Professor G. R. Samson for the past year, but was given only part of his attention, since he was forced to do considerable work with

horses. The additional members of the faculty have relieved him of all outside work so that he has now centered his efforts exclusively on swine. In addition to his instructional duties he has supervised the care of the college swine herd, conducting several feeding experiments that have proved to be of great value to farmers as well as to his students. Like Professor Potter, he seeks to relate his work to that of the practical industry of livestock growing and handling, and will devote more time than heretofore to breeding the most desirable types of the leading breeds of hogs in Oregon.

Handling of Sheep.

Instruction and practical handling of sheep were for the first time last fall placed in the hands of a sheep specialist—O. M. Nelson, who is especially well qualified by training and experience, as well as by natural bent, to care for this important branch of farm livestock in a very acceptable manner. Aside from the efficient instruction which he gives to his classes and to farmers during the short courses, he has been very successful in developing the flocks on the college farm.

Instructional work and management of the college horses will be in charge of the newly appointed specialist, Professor Kennedy. He comes highly recommended for this work, and has taken up his duties in an effective manner. In the discharge of his secretarial duties he will meet many farmers and breeders of horses, and will work with them to improve the breed and type of horses in Oregon.

Campaign of Education.

"We hope to have a campaign of education among horse raisers," he said, "to convince them more fully of the

raising to the people of the state, and work with them to secure and manage and market the most profitable types of livestock in the most profitable way.

Extensive improvements are under way in the college livestock herds and flocks. While not many purchases of



E. L. POTTER
Head of Department of Animal Husbandry, Specialist in Beef Cattle.

sheep have been made, careful attention has been given to the development of the present flock so that it is now among the best in Oregon and has won a number of prizes at stock shows.

Addition to Cattle Herd.

The start in beef cattle was made at the bottom, but during the past year a number of important additions were made to the herd. One Shorthorn heifer was purchased for \$430, another for



New Cattle Barn at Oregon Agricultural College.

value of breeding to desirable sires. It is apparent that sentiments favorable to improved stock have been created in regard to dairy cattle and other lines of farm stock, but the demand for better horses justifies a further improvement in horses. The most effective way to get that improvement is by using the best stallions available in all parts of the state. The stallion registration law was enacted to encourage the use of good sires, and it should be enforced in the interests of better horses. There is a big place for the pure bred sire in this state—the sire whose parents were both pure bred. There is also a need for the best grade stallions—those with one pure bred ancestor. But there is very little if any place for the mongrel, neither of whose parents were pure bred. A faithful and general observance of the registration law will show farmers and horse breeders which class stallions are in, so that they may select the sire of their future horses to the best advantage."

To Visit Farms.

Professor Reynolds, the newly selected extension man, will co-operate with these college specialists on the one hand and with the farmers and stockmen of the state on the other. He will be ready at all times as far as possible to consult with stockmen on any of the problems that need solution in the interests of better and more profitable livestock. When it is possible to do so he will make visits to the farms and stock ranches of the state, and confer with owners in regard to the best policies and methods of their business. In short, he will carry the very best and latest phases of scientific work

\$295, and a third for \$260. One of the best bulls in the West, Scottish Baron, has been rented from Alex Chalmers, of Forest Grove, for use during the present season. Several show steers are kept at the college for demonstration and judging purposes, but beef steers are not raised commercially on the college farm. Efforts next year will be chiefly to improve still further the present herd and lay the foundations for a good herd of pure bred Herefords. Beef cattle are grown commercially at the Eastern Oregon Branch Station at Union, about 75 head being carried there this year. More will be added as the acreage of alfalfa is increased.

Stock at Station.

No recent additions by purchase have been made to the college herd of horses, but the development of the colt increase has gone steadily on. At the present time there are nine pure bred mares and fillies in the herd, forming a foundation for an excellent bunch of horses.

Hogs have long been one of the principal kinds of livestock at the college, and the experimental herd is being considerably enlarged, offering increased opportunities for valuable feeding tests. Careful attention to breeding has secured improved strains of pure bred hogs and new herds of both the Poland China and the Duroc Jersey breeds have been established.

Another important addition to the department property is the new livestock barn. This structure is 52 feet by 120 feet in size, and was designed to house 75 head of beef cattle. At the present time one-half of it is used for sheep, which will be transferred to

a sheep barn when the contemplated building is erected. The new barn has all modern conveniences for storing and feeding hay, and for removing the litters. Feed is carried along the central alley on a truck. Manure is removed with a manure spreader that is driven along either side of the stables. The stable floor is of dirt, well drained and easily cleaned. Both shelter and ventilation are of the most approved kinds.

Summarizing conditions in his department, Professor Potter says: "We have now a good organization of good men, well qualified to carry on the work of their respective lines. We likewise have good herds of livestock—beef cattle, horses, sheep and swine—and we confidently look forward to better work than we have ever been able to do before."

Educational Value of a Course in the Speech Arts.

By Emma Wilson Gillespie, Principal Gillespie School of Expression, 534 Morrison Street, Portland, Oregon.

Someone has said that if a child were given instruction and training along the line of expression, from the age of six to sixteen, he would be thoroughly cultured. It is certain that a thus-cultured sixteen-year-old youth would know more about his physical, mental and moral being, and would be able to use his trinal powers more efficiently than the ordinary youth of that age.

A course in the speech arts is a psychological method of unfolding the individual personality. It teaches one to observe closely; to concentrate his attention; to think consecutively; to exercise judgment, and to make rational choice. It recognizes the fact that mental and moral forces can best be utilized through a clean, sound body, freed and made responsive to a dominant will. It encourages objective nature and life studies, also the conscious accounting for one's own self-expression, in order that interpretative expression may be true and forceful.

The field from which the interpreter of life, through literature, draws his art material is coextensive with the range of literature, and in the acquirement of this material the vocabulary is enlarged; the thought range is broadened, the imagination is quickened, the heart sympathies are aroused and the life vision is lifted. In the practice of the interpreter's art, the need of self-adaptation and self-control is so imperative that it tends to strengthen the will power, to refine the conduct and to ennoble character.

As practical resultants from a speech arts course, one is enabled to converse more readily, to read a book more understandingly, to listen to a lecture, drama or concert more intelligently; to create more perfectly; to teach, preach or handle a case at law more effectively; to transact business more successfully, or, in short, to live the so-called common-place, every-day life with more beautiful artistry—for "the finest of all fine arts is the fine art of living."

A bee, unladen, will fly forty miles an hour, but one coming home laden with honey does not travel faster than twelve miles an hour.

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