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The

DECEMBER, 1932
VOLUME 9, NO. 2

Utah State Quarterly

Christmas
Greetings



To Old Aggies Everywhere

7.2/2-2:38b
VOL. 9
NO. 2

The

NEWHOUSE

Aggie Headquarters

HOTEL

THE Hotel that makes you feel welcome and at home, from the moment you enter its spacious lobby until you check out, after a pleasant sojourn. 400 rooms, and 400 baths—all modern in every detail. Make the "NEWHOUSE" your stopping place as often as you come to Salt Lake City. You're welcome.

MEET YOUR FRIENDS AT THE HOTEL NEWHOUSE "SUNSHINE CAFETERIA"

W. E. SUTTON, General Manager

C. W. WEST, Assistant General Manager

FOURTH SOUTH AND MAIN

SALT LAKE CITY, UTAH

MEMBER OF THE FEDERAL RESERVE SYSTEM

**The First National Bank
of Logan**

UNDER U. S. GOVERNMENT SUPERVISION

Some Important Reasons Why You Should Use **PEP "88" GASOLINE and VICO OIL**

PEP 88 is refined by an extra process giving you a clean gasoline free from carbon and a better balance. The nearness of our refinery gives you PEP 88 FRESH as it is delivered almost daily to our stations and dealers a few hours after it is refined. Vico motor oil flows freely in cold weather, yet it stands up under terrific heat. It is 99.94% free from carbon and does not form a sludge in the crankcase.

In addition to this you help keep Utah men at work, at the stations and also the refinery. PEP 88 and Vico Oils are made in Utah by Utah workers.

Utah Oil Refining Company

SALT LAKE CITY, UTAH

A. G. Olofson, Mgr., Logan Division.

J. P. Smith & Son

The Oldest Established Exclusive Job Printing Plant

In Northern Utah

Federal Avenue, south side

Logan, Utah

MERRY
CHRISTMAS



HAPPY
NEW
YEAR

Season's Greetings:

Through the dismal clouds of failure, pessimism, and despair, that have so lowered our visibility and even plotted out our vision, may we see and feel the radiant rays of life and character so buoyant as to defy all adversity. May we be uplifted and pursue our arduous daily tasks, as futile as they may seem to be, or bear our heavy cross of enforced idleness with greater fortitude through the example of Him who did not complain.

There probably was never a time when the training our years at the College gave us, was so urgently needed as at present. And there probably was never a greater need on the part of the College for our loyalty and support than at present.

The Alumni Association through its officers extends greetings to its members near and far, and we hope that regardless of trying conditions our hearts will be receptive to the Christmas Spirit and to the Spirit of the College, we so much love, which urge us on to greater heights.

Sincerely,

President U. S. A. C.
Alumni Association.

UTAH STATE QUARTERLY



Our Program For 1933

One vital problem that the Alumni Association seeks to solve is the question of increasing its service to those it wishes to serve. How can it better serve the members of the Alumni Association? How can it better serve the parent institution? How can it better serve the active student body? In a practical sense it asks itself such questions as these; would it be of benefit to the graduates, former students, and friends of the college; would it be of benefit to the Alumni Association as a whole to complete the organization of the regional active alumni chapters; would it be of benefit to the active student body to have the Alumni Association collect a \$100,000 Library Endowment Fund? With the asking of these questions comes the realization that the Alumni Association is carefully considering the problem with which it is faced.

Visualization of the ultimate achievements of such an organization, discloses the fact that the only goal worth achieving is a continuation of a harmonic and efficient service to the institution, to the student body, and to the Alumni Association members. Is such a goal worth striving for?

For the preparation of this long unending journey towards our goal, for continuation of service, the Association has formed a plan by which it hopes to strengthen the organization.

A complete directory of all graduates, former students, and friends of the college will greatly aid in the establishment of contact with the Alumni. It will enable old friends to reach old friends, it will perpetuate that feeling of fraternalism and fine friendship that existed among the students in their college days. Such a directory must be a requisite of a strong organization.

Intrinsic strength must be requisite of every powerful organization. "We build from within," said one great industrial magnate. So be it. The Alumni Association hopes to complete within the coming year an organization of regional active Alumni chapters. The organization wants a compact group of active alumni.

Paramount in the work of the Alumni Association is the realization of the value of genial cooperation with the Board of Trustees and the President of the Institution in the promotion of a greater and better U.S.A.C. Without such cooperation the entire service of the association is without value.

What is more evident than maternal love? There is no equal. Such is the love that your Alma Mater showers upon you. Your success is the success of the institution. Your strength is the strength of the school. Your Alma Mater, in wishing to prolong her association with you, arranges various Homecoming celebrations and other functions. She wants to renew acquaintances with you. The Alumni Association hopes to stir in to a flame that slumbering spark of love and gratitude that glows in the breast of every true "Aggie."

Again for our idea of service to the commonwealth the Alumni Association hopes to encourage High School graduates to continue their education. With the integrity of the youth lies the integrity of the nation. With the education of the younger generation lies the progress of our civilization.

The Alumni Association hopes to collect a \$100,000 Library Endowment Fund. For the betterment of the library and consequently for the betterment of the institution, the income from such an Endowment Fund could be used to very great advantage.

Some sort of agency is necessary to enable Alumni of the institution to keep in close contact with the school they so love. The Association hopes to publish and distribute as widely as

possible the "Utah State Quarterly" and the "Utah State Bulletin." These two publications reflect the typical and prevalent Aggie thought. They are adequate means of expressing any news and development of the school. Such publications are vital to the life of the Alumni Association.

The Alumni Association has considered the problem, imagined the goal, set forth a plan by which the goal may be achieved. Thus, with the fulfilling of these plans, we build to greatness.

PROGRAM FOR 1933

During the present year the Alumni Association, with your cooperation, in addition to the traditional functions now performed, hopes to:

1. Compile a complete directory of all graduates, former students, and friends of the college.
2. Complete the regional organization of active alumni chapters.
3. Cooperate with the Board of Trustees and the President in the promotion of a greater and better U. S. A. C.
4. Awaken alumni interest in College homecomings and other functions.
5. Encourage High School graduates to continue their education.
6. Create an "Endowment Consciousness" throughout the state.
7. Collect a \$100,000 Library Fund.
8. Publish and distribute as widely as possible the "Utah State Quarterly" and the "Utah State Bulletin."

THE UTAH STATE QUARTERLY DECEMBER 1932

Published quarterly by the Alumni Association of the Utah State Agricultural College, Logan, Utah. Entered as second-class matter at the postoffice, Logan, Utah, under the act of March 3, 1879.

Membership dues of \$2.00 a year entitle members to receive the Utah State Quarterly. Change of address should be reported promptly to the executive secretary.

OFFICERS OF THE ASSOCIATION

R. O. Porter, President H. Floyd Davis, Executive Secretary

ALUMNI COUNCIL

Byron Alder, Heber Bennion, Jr., P. V. Cardon, M. C. Harris, Ralph O. Porter, H. Loran Blood, B. A. Fowler, Ella Maughan Hull, James W. Kirkbride, W. L. Walker, Allie Peterson Burgoyne, George Dewey Clyde, O. Cyril Hammond, Lund A. Johnson, William White Owen.

Vol. IX

December, 1932

No. 2

Tell the Youngsters

Next month will mark the beginning of another term at the U. S. A. C. There never has been, in the history of your Alma Mater, a more opportune time for the youth of rural Utah and the inter-mountain region to avail themselves of a College education. One thing is certain: there will be many young men and women on January 3, 1933, who, with little encouragement, will continue their college training.

Many Aggies will meet these young people, and will learn of their desire for higher learning. Aggie graduates should avail themselves of the opportunity to tell these people about the Utah State Agricultural College, our beautiful campus, a faculty whose scholarship is second to none in the region, and courses of study recognized to be on par with America's best.

Any alumnus is invited to write for our latest catalog. Pass along the information concerning the College and its curriculum. Remember, once an Aggie, always an Aggie.

Correspondence Study

Correspondence courses offer excellent opportunity to people who are unable to attend college to continue their intellectual advancement. At present, correspondence courses are offered by every large college or university in the United States; this fact is evidence that correspondence is filling a long felt need in the educational system. Eminent authorities on education say that everyone ought to have an enthusiasm for some pet subject outside of his ordinary routine. Correspondence courses are opportunities for students and people in general to gain specific knowledge in any certain line. They afford a method of obtaining general culture. Those who are unable to attend college because of financial reasons now find themselves able to gain some of that priceless ingredient of success, a college education. Teachers of elementary schools and of high schools find in correspondence a chance to pursue a favorite subject with

the guiding of outlines and intelligent criticism. Also people who fail to get out of their reading the vital points of interest are trained to become more attentive through the aid of specific outlines.

Correspondence courses are not schemes for earning college credit on some cheap basis. Although they do offer the opportunity to earn college credit, the courses of study are legitimate and just as efficient as actual resident classes. Here also is an opportunity for high school graduates who cannot continue school to obtain college credit that will enable them to either get from their courses some idea of specialized study or will eventually enable them to go to college with somewhat of a background.

The correspondence department of the U. S. A. C. is constantly receiving enthusiastic letters from satisfied students who have taken the correspondence courses. They assert the courses to be thorough, practical and far reaching.

Selfishness

One of the surest tests of a man is the extent to which his acts are controlled by his selfish interests. It is remarkable how few persons act unselfishly; and how many are wholly self-centered. It is passing strange that so great a number render no service without first calculating the costs they may incur and the possible advantages they may derive. Unselfishness is the basis of all friendship. We win and hold friends in proportion to our ability to subordinate our personal desires, and sometimes our ambitions, to those others. The maintenance and promotion of pleasant and cordial relationships require yielding here and bending there. The closer the association and contact of individuals the more this is true. Nowhere are these statements more clearly exemplified than in college life. At no other stage of a man's experiences is he afforded a finer opportunity for cultivating the art of making friends than in his college days; and the habits he forms in this direction and the practice he acquires in subduing selfishness will influence his character and his life.

This association cannot be the success that it should without the wholehearted and unselfish effort and support of each of its members. There is something for each one of us to do, some service each one of us can render, some worth-while activity each one of us can engage in for the advancement of the common cause. If we do these things, if we render that service, if we engage in commendable pursuits our attainments, individually and collectively, will be noteworthy. Paradoxical though it may seem, by practicing unselfishness we will advance our personal interests.

It is beyond the power of some to comprehend that there are those who labor purely for the love of a cause; yet the names of those who so labor are legion. We are fortunate in the number and the character of the men who throughout the years have given to this college so largely and so unselfishly of their time and ability. There is no place in our scheme of things for selfishness. This trait is incompatible with true and lasting friendship, with the spirit of College.

Let us strive for harmonious, concerted action. Let us foster noble ideals and forward-looking ideas. Let us cultivate those traits of character that find favor in the eyes of our fellowmen.

The Same Old Story

It was just three years ago that the three of us sat regarding the toes of our well polished shoes atop the porch railing of a certain fraternity house. Graduation was but two weeks away and we considered gravely what, besides Ellis avenue, lay beyond Cobb Hall. Said Swede: "If I'm not making ten thousand a year inside of three years I shall consider myself a failure." His Cigaret butt mashed red in a high arc. Swede was handy with cigaret butts and blondes. A gentleman, Swede. "By the way," he continued, "could you loan me two dollars for a week," Blair spoke: "Three years, that will see me married. One child, one car, one nome convenient in the suburbs. It's easy. Political Economy." He paused. "That's where I met her." Finally, 1: "In three years the great American novel will have been published and each of you will receive a tastefully autographed copy of the first edition." Some one said: "A beer would taste good." It was that sort of night.

* * *

Within the week I have heard from them both. Swede has been raised to \$175 and given a coupe that he may cover his territory more easily. Blair's was written on the coservative stationery of his club in St. Louis, the Y. M. C. A. And I am one of the forty-seven Con-Tribs who made the Line Roto Page. Was it General Sherman or Arthur Brisbane who said, "*Sic transit gloria mundi*,"---J.P.H. in "A Line O'Type or Two," ---*Chicago Tribune*.

The Returning Grad

Wailing grads, chagrined at the indifference of undergraduates toward them when they return to the campus, may get a whimsical smile from the experience of James G. Thurber '19, associate editor of the New Yorker. Jim was on the campus recently, shortly after the papers had carried considerable about him and his current best seller, "Is Sex Necessary?" He went to his fraternity house, after having been told by letter and telegram that the group was ready to receive him with open arms.

For twenty minutes after he walked into the house, no one approached him, he said. Finally a young man stepped forward.

"My name's Thurber," said Jim.

"Thorber. How do you do, Mr. Thorber?"

"No," said Jim. "Thurber. T-H-U-R-B-E-R."

"Oh, Thurber. What's the first name?"

"James. J-A-M-E-S."

The young man took him over to the register. He introduced him to a group of young men.

"This is Mr. Thorber," he said.

"How do you do, Mr. Thorber," said they.

Thurber is noted for his sense of humor. He

recounted the story with a grin, as other grads have done when they have parked their heels meditatively on the once highly polished surface of this scribe's luxuriously appointed desk. (Adv. Drop in yourself, some time.)

The sum total of our resultant philosophizing on this particular subject might be raw material for an enlightening treatise on "The Disillusionment of the Returning Grad," or "Why Alumni STAY Home" (in twenty volumes.) But quite surprisingly, we developed a different viewpoint. Here it is.

Why should any returning graduate expect the undergraduates to fall upon his neck as if he were Lindbergh or the Prince of Wales? Even the most outstanding graduates are generally neither names nor personalities to the undergraduates until they have made themselves so. In short, it's what you are after you're introduced, not before.

Our present day sophisticates (like their predecessors) accept nobody for what his father was. They have seen too many preacher's sons. They know too few people for what they were before they came among them. (And even Lindbergh and the Prince would have to present better credentials than a reputation to be sure of any sustained attention.)

Legion, therefore, are the alumni rushing to the campus annually who, suspecting they bask in adulation, depart in sorrow, fretting in the pall of oblivion. They fail to survive the frigid formalities of introduction.

It's a two-way track, the avenue to undergraduate entree. Only the personable, the wise and the discreetly meek gain the inner circle.

Jim Thurber got in, needless to say.

---Ohio State Alumni Monthly.

Short Changed or Hard Up?

Alumni don't contribute most of the money to their own college endowment campaigns. More than half of it comes from friends of the colleges, not the graduates themselves. A survey of sixty-eight recent campaigns by a firm of drive managers showed this to be a fact. Why is it that successful men, who did not get their education at college, give more freely than those who did go?

The office cynic, whose diplomas take the place of wall paper in his home, says that it is because college men don't make money anyhow.

Yet, maybe that is not the whole answer. Do those who feel the lack of an education have more faith in it than those who have an "A. B." or "B. S.," and are in a sense disillusioned? Or, is it because the one who wanted to go, and couldn't, is trying to fix things so that some other lad, similarly situated, may not know the same loss?---*Cleveland*.

COLLEGE CHUMS

John Jones: "Well, well, well, if it isn't old Ralph Smith!"

Jim Brown: "Why hello, Roy! Haven't seen you in a long time."

School of Forestry and Range Successful

by T. G. Taylor

The idea of forestry instruction had its beginning in 1927 as a result of definite interest and demand for instructional work in this field by the people of the State. Range management had previously been taught but in the enlarged conservational program it was thought proper to include the courses falling in this curriculum under the heading of forestry and range.

Organization of the work was not started until 1928, however, and at that time under the able leadership of Lyle F. Watts the courses to be given were decided upon and cooperation was had with the State and Government on two projects. A forestry club was established whose purpose was to foster mutual interest and scholarship in forestry and range, to help promote these movements in the State and to strengthen friendships among forestry and range students at the college. Speakers from U. S. Forest Service at Ogden and Logan were solicited to bring before the students the aims and purposes of that great organization and the principles of conservation on which it was founded. A particularly useful club function was decided upon in the planting of trees for further beautification of the campus. This worthy project has been carried on every year. In 1930 the club decided to issue an annual publication to be called the "Utah Juniper." This publication has now appeared three times and the club members are to be congratulated upon the excellent results obtained.

Cooperation with Government under section 4 of the Clarke-McNary Act allowed for appropriations for starting a forest-tree nursery from which it was proposed to distribute trees to the farmers of the State at cost for woodlot, windbreak and shelterbelt purposes. Under section 5 of the same Act money was obtained for the services of an extension forester whose chief concern was and is the furtherance of the planting of forest trees raised at the college nursery. Actually the section 5 money strengthened the teaching force since the extension forester acts in that capacity but half time, the remainder of the year being devoted to teaching.

After establishing the school on a proper basis, Professor Watts returned to Forest Service work in 1929. Development work was continued in the organization of new courses to meet existing demands, and in the location of a forestry nursery site and installation thereon of an overhead watering system. The nursery was started two and one-half years ago and at present the stock of trees on hand and mostly raised from seed, totals over 100,000. Half of this amount is available for distribution in the spring of 1933. In 1930 practically 16,000 trees were distributed and a like number were disposed of by sale in 1931. The spring of 1932 sales increased to 24,000 trees. The cost to farmers has been held at a low figure and in no case have trees been sold for more than \$2.50 per hundred, the price ranging from the maximum to as low as \$1.50 per hundred including the cost of delivery. About two and one-half acres will be under an overhead system next spring.

In addition to the worth-while purposes for which the trees are distributed the project is also desirable from the standpoint of instructional work in the procedure

of raising trees. All of the nursery work is done by student labor and thus the school expenses of many boys are defrayed in part by money earned in this way.

Until last year, a considerable amount of summer employment was made available to students in forestry and range. The greater part of this work was obtained from the Forest Service and an excellent understanding was thereby obtained as just what permanent work in these fields consisted of. In spite of the temporary embarrassment we now find ourselves in, twenty men were placed last summer and ten additional were given employment for a month's time.

Enrollment has progressed steadily. During the school year of 1927-28 fourteen students were enrolled while in 1931-32 eighty men were listed on the school roster. These figures are for the greatest number registered during any one quarter of the school year and are not cumulative. For the present quarter seventy six are enrolled. This increase has occurred with no increase in the school faculty of three men, two of whom teach on a half time basis. While the lack of teaching help is unfortunate from the standpoint of proper instruction, it is fully realized that increases in the teaching staff are improper under present conditions.

The preparation of a working plan for the school in conjunction with the realization of the times upon us has brought out the need for a changed point of view and a revised analysis of future fields of work for the increasing number of graduates. We believe that more diversification is necessary and that by embracing new fields of endeavor which are bound to show rapid development upon the alleviation of present conditions, this school will increase its usefulness to the citizens of this state.

Fish and game management, a subject with important recreational and economic values, has had but little attention paid to its development in the past. The problems in these fields are many and require trained men for their solution. The need for instructional work in the organization and general management of forest recreation is upon us with no complete training as yet offered in any western school. These are but two fields of conservation that the future will bring increasing changes to. They are believed to be properly chosen for instruction here, because of the vast resources of fish, game and forests the Intermountain Region affords and the increasing use of these resources by the people of this region.

In a recent survey of average costs for students of higher education in the twelve western states, Dr. C. H. Clapp of the University of Montana has found that Utah taxpayers pay less for each student in advanced institutions than does any other western state. Utah pays only \$156.00 as an average cost for each individual student. Idaho pays \$385.00 as an average cost and this amount is the greatest sum paid by any western state for the average student.

How We Work Our Way

By A. H. Gibbons '32

"Hey you kids, get out of those trees and leave those plumbs alone."

A group of small boys clambered hastily out of the plumb trees at the North entrance of the main building and beat a hasty retreat to escape the further wraun of Marion Skinner.

"Ah, come on Skinner," I remonstrated. "Give the kids a break. Nobody will ever miss those plumbs."

"The devil they won't," was his reply. "I'm going to bottle them."

I might have known in the first place that it was just another student with a pet scheme to help work his way through school. If all the different things that Aggies are doing to solve this perplexing problem of getting an education were known, a good deal of it would be almost unbelievable. I think no one has attempted what a young lady did at another college. She arrived driving a number of purebred cattle which she turned to the dairy department for her years fees.

Then there was the young chap who brought a large porker with which to pay his tuition. The pig escaped and, even though he was not greased, the students had a lot of fun catching said swine. But unfortunately the chase was so long and hard that by the time the pig had been captured the owner claimed ten pounds had been run off, for which he demanded credit.

But to get back to Skinner and his room mate. If their supply of bottled fruit does not last through the winter it will be no fault of theirs. For bottled fruit is a very valuable addition to the diet and cheap too when one can get fruit from the college campus and other places free of charge and then can acquire the necessary bottles from places—better not mentioned here. It is an interesting sight to visit the rooms of these two gentlemen at sixth North and sixth East, and see there the tempting array of bottled fruit on display. Marion further confided to me that if any exhibitions of canned fruit were held during the winter he intended to enter some; so ladies look to your laurels.

It has usually been the custom for men to keep sheep, that said woolies might provide for them a living, but during the last depression, with wool at seven cents a pound, the situation has been largely reversed. Many a poor sheepman has found himself obliged to keep sheep at an expense, or else drive them into some river to drown. Elwood and Kenneth Spencer were of a different mind. Through their 4 H Club work they had not only acquired a very fine herd of sheep, numbering fifty head, but they had also secured training that has proven valuable.

There were no hopes of breaking even on their sheep unless a better wool market could be found. They proceeded to find one. When the sheep were sheared, instead of marketing the wool directly they sent it to the Barren Woolen Mills at Brigham City. Here they had a number of excellent wool blankets made. Nothing shoddy about these blankets. They were pure virgin wool. The two boys had little difficulty in selling the blankets for five to six dollars each. This price not

only gave the customers some very fine blankets at a low figure but also enabled the boys to make about one hundred per cent on their investment. In other words they cleared about thirty cents a pound on their wool which is not bad even in more prosperous times.

Now the two boys are in school. Elwood is a senior and will take his degree in the spring. Kenneth is a freshman.

There is another interesting case of the young man who is living in a sheep wagon on the campus. With such cheap quarters he is able to live on about five dollars a month which is almost a record. It was either that or not come to school, so he had the wagon hauled to its present location. "It's perfectly warm and comfortable and I enjoy it a lot." This case has attracted such publicity that the story has been featured in two of Utah's leading newspapers.

To the married man the problem of attending school is infinitely harder, especially if there are children. One fellow came though he had three children and what a time they had getting through. To save rent they procured an unfurnished house. To furnish it they repaired cast off furniture, and rented some from a friend. A neighbor gave them an old stove. What matter if the damper must be raised with a wire and the grate burned out.

To further solve the rent problem two students were taken into the home. By cooking breakfast and baking bread for these two fellows, cereal and flour were provided for the entire family. The electric washing machine purchased was old and cost only two dollars and fifty cents, but it worked. By doing laundry for the two roomers and the caretakers of the Veterinary Clinic on the college hill fifty dollars was added to the budget.

Milk for three children was a big problem, but again fortune was kind. A near-by neighbor had milk for sale and also had a large temple record that he was anxious to have completed. The bargain was made. Fifty dollars worth of temple work was done during the last year in exchange for the necessary milk.

Windfall apples were dried on shares; carrots thinned for thinnings; factory beans picked for beans—all this added to the fare and helped fill the bottles, while they thrived on a diet of apples—dried, baked, stewed, sauced, and made into salad. For variation they had raw carrots, creamed carrots, fried carrots, carrot salad, and CARROTS.

It would be a long tale to tell how to put up 300 quarts of fruit and buy only two bushels. Needless to say any one must do a lot of bottling on shares.

Because of these, and various other economies, the family lived through the winter and broke even.

There are other instances equally interesting and instructive. A young fellow, is paying his way through college with a flock of chickens. Another chap gathered and sold enough pine nuts to meet school expenses. A group of students acquired a flock of young turkeys which during the summer, they herded in the fields where grasshoppers were numerous and which, when fattened

HORTICULTURE, LIVE AT HOME,

and marketed at Thanksgiving time, reaped a rich harvest for the young owners.

There is one surprising thing about these people who are working their way through school. They are majoring in history, agronomy, forestry and other such departments. If any of them would stop and study the situation they would easily see that with this practice in frugality and resourcefulness all of them should be majoring in economics.

Hort Show

"More interesting than ever" was the comment most frequently heard from visitors at the sixth Annual Horticulture and Crops Show staged in the Smart Gym as a part of the Homecoming celebration on Armistice day. The Hort Show has been taken over by the Ag Club this year, following a reorganization of the organization to include all of the departmental student organizations, such as the Grafters' Guild, Botany Club, Dairy Club, etc. as special interest groups within the Ag Club. Joe Parrish, John Barnard, and Merrill Cook, president, vice-president, and secretary-treasurer respectively of the Ag Club were in charge of the show as manager and assistant managers, while Professor F. M. Coe of the horticultural department acted as general advisor.

The most striking feature of this year's show was the large number of varied and interesting educational exhibits. This department, of which Fred Whiting of Provo was in charge, contained exhibits by the Agronomy, Agricultural Economics, Dairy, Forestry, Horticulture, Home Economics and Poultry Departments or departmental organizations. The sweepstakes award for the best exhibit was awarded to the Home Economics Club for their display of tempting breakfast, luncheon, and dinner suggestions made from apples, in charge of the Misses Afton Walker, Dorothy Cardon, and Marion Peterson under the direction of Miss Frances Kelley, instructor in Foods. Second and third places were won by Poultry and Agricultural Economics. The Poultry exhibit, staged by E. B. Burton and Jack Kotter under the direction of Professor Byron Alder, stressed culling of pullets and hens, and grading of eggs. A guessing contest on the number of eggs laid by an eight year old hen on exhibit cost the Poultry department seven prizes of eggs and chickens because the hen had obligingly laid exactly 1200 eggs, a number guessed by seven people.

The third prize exhibit staged by Elmer Gibson, Frank Jensen, Herbert May, and Fred Knobel of the Agricultural Economics Club, showed the purchasing power of a bushel of wheat in terms of ordinary necessities. One of the items included was a textbook on agricultural economics, which cost twelve bushels of wheat!

The Agronomy exhibit, under the direction of Professors D. W. Pittman and R. Woodward featured numerous varieties of sorghums, feterita, and milo maize, several of which yielded 70 to 90 tons of grain per acre. The Forester's exhibit showed a model mountain forest, with ranger stations and lookouts and logging train in miniature. This exhibit was in charge of Clarence Thornock. The Horticulture exhibit, staged by Robert

Gerber, showed 60 promising new varieties of peaches, plums and apples and pears from the experiment farms of the horticulture department of the experiment station.

One of the most popular exhibits was a model outdoor living room staged by Fred Scholes of the horticulture department and Charles Warnick of the campus greenhouse. This model garden was formal in design, showing proper arrangement of arbor seat, flagstone walks, lily pool, and flower borders with shrubbery background.

The fruit, flower, and vegetable shows exceeded their usual standard of excellence. Two hundred plates and trays of apples, peaches, pears, and plums selected and entered by students in horticulture made a colorful and interesting exhibit. Mark Hill, Salt Lake City, and Milton Anderson, Tremonton, were supervisors of this department, which was judged by Will Woodbury of Salt Lake. Sweepstakes prize in the student exhibitors contest was won by Milton Anderson, with Wesley Soulier of Provo second and Dewey Donohue third.

The vegetable show award was won by Alton Gessel, Logan, with Harold Balling, Logan, second. Lawrence Taylor, Ogden, won sweepstakes tray. The flower show sweepstakes was won by the U. S. A. C. Greenhouse with a lovely exhibit of twenty varieties of chrysanthemums. Cache Valley Floral was second, and Logan Temple greenhouse third.

Another popular exhibit was one of rare exotic tropical fruits containing 25 varieties and species from many foreign tropical lands. This material was secured from the Citrus Experiment Station at Riverside, California, and from Robert Mullen of Arcadia, California, a new student in agriculture at the college. The passion fruit, the Karob or St. Johns Bread, giant citrons from Italy and Sardinia, limes from Mexico, Hawaii and Palestine, avocados, cherimoyas, kumquats, and feijoas were featured at this exhibit, which was explained to interested visitors by Professor F. M. Coe of the horticultural department. In addition to the adult visitors, several hundred school children from the Logan schools visited the show and were given instructive explanations of the exhibits.—by F. M. Coe.

Live At Home

"Live-at-Home" is the slogan which was adopted by the Extension Service of the Utah State Agricultural college for its 1932 program. In view of this slogan it was considered paradoxical to invite the farm families of the state to attend the annual farmer's encampment at the College.

For 11 years this particular function had brought more than 3,000 persons a year to attend the short course in agriculture and home economics; therefore, it was deemed advisable, in view of present financial conditions, to substitute meetings and exhibits within the counties, for the encampment. It was just another case of following the philosophy of Mohammed with regard to his going to the mountain.

In June the Extension officials decided to animate the year's slogan with a traveling exhibit, to be accompanied by five members of the Extension staff who would give the necessary subject matter and explain the

AND AGGIE GRADUATE LECTURES

purpose of the program.

A spacious trailer was constructed in which to transport the exhibit material and a private automobile was chartered to furnish the motivating power for the trailer and riding accommodations for the staff members.

The exhibit was made up from the following: Food for one person for one month; canned fruit, vegetables and meats of various kinds to demonstrate the proper method of canning; improved dairy utensils to show the proper methods of milk sanitation; four hens of the kind to keep for egg production and four cull hens showing the kind to eat; eggs preserved in water-glass and materials for the control of mites and lice.

The vegetable-storage department of the exhibit included a glass-front cross section of a potato pit; sand storage of carrots and a trench storage for cabbage.

Other items were: Iceless refrigerator, full-sized water-cooled apparatus, which was put in operation during the showing of the exhibit; a model of a home and grounds, where no attention had been given to landscaping and another model of the same home and grounds properly landscaped; home-made rugs, mats, waxes, cleaners, polishers and slip covers; method of scouring wool in the home and the steps necessary to bring wool from the grease stage to blankets; a bookcase containing 25 books suggestive of a family reading circle; a model trench silo.

W. W. Owens, assistant director for agriculture, of the extension Service, was named chairman and put in charge of the "Live-at-Home" exhibit. In his report of the project Mr. Owens lists the following communities in which the exhibit was set up, together with the number of persons attended: Oak Creek park, Millard county, 600; Kanosh canyon, Millard, 500; Legion park at Tooele, 400; Stakers Grove, Summit, 275; Ft. Duchesne, Uintah county, 1000; Price, Carbon county, 200; Blanding, San Juan, 200; Monticello, San Juan, 110; Moab, Grand, 100; Junction, Piute, 475; Parawan, Iron; 250; Richfield, Sevier, 2508; Castledale, Emery, 600; Loa, Wayne, 400; Kanab, Kane, 125; Hurricane, Washington, 250; Enterprise, Washington, 100; Minersville, Beaver, 450; making a total of 18 meetings in 15 counties, with an attendance of 8393 persons. It was estimated that 6271 persons attended the meetings held in connection with the exhibit. A check made on the number of bulletins sent to those who made requests at the time of the exhibit, showed that 8,788 had been mailed to various parts of the state.

"At least one meeting was held every place the exhibit was set up," reports Mr. Owens. "The exhibit formed the basis of subjects for discussion. Most of the meetings were held right at the place of the exhibit so materials could be used for illustrations. Meetings lasted from one hour to two hours, the time being dependent upon other events for the day.

"Immediately following the meeting a demonstration on killing and dressing a chicken was given. This never failed to arouse intense interest. At several places a demonstration on canning vegetables and meat was given. Where time was limited the ladies discussed canning in place of the demonstration.

"Local arrangements for the exhibit were made by the Extension agents in cooperation with county committees. In counties without agents the county commissioners, the church leaders, civic clubs and farmers committees handled preliminary work. The materials which the local people were asked to provide included table space for the exhibit, fresh fruits, vegetables, eggs and meat used in the exhibit and demonstration.

"Other local additions to the program included selections from bands, instrumental and vocal solos, readings, speeches of welcome, baseball games, horse shoe pitching, sports for children, and in one community a livestock show."

"Will this type of Extension work supplant the encampment?" is the question frequently asked. The answer will probably be determined in January when all Extension workers of the state will meet in their annual conference at the College. It may be said, however, that the success of the "Live-at-Home" project, with its exhibits, demonstrations, and lectures, was so successful that this method of Extension teaching will be continued, according to officers in charge, as a supplementary string in the educational bow.—by W. D. Porter.

Alden Lillywhite

Alden Lillywhite, well-known Aggie graduate and former Executive Secretary of the U.S.A.C. Alumni Association, visited the campus during September, from the University of Chicago where he is working for the doctorate degree in Sociology, with a major in Public Welfare Administration. At Chicago he is connected with the publicity department of the Century of Progress. According to Mr. Lillywhite, another Aggie graduate, Rulon Walker, former student body president, is doing graduate work in the English department at the University of Chicago and is also connected with the world's fair organization.

Mr. Lillywhite states that large numbers of special groups come to the fair grounds to learn more of the progress of the 1933 Exposition. It is his duty, along with four other university students, to tell these special parties the story of the Century of Progress. In addition to explaining the organization and set up of the fair, the various exhibits, plans, and experiments in the laboratories are shown and explained to the visitors as they are accompanied through the grounds.

During his stay here, Mr. Lillywhite completed a limited tour through Utah, Idaho, Wyoming, and Colorado, lecturing on the Century of Progress and writing special news articles about the fair for the intermountain press. His paper delivered during the closing sessions of the Utah State Fair has been widely acclaimed as a most scholarly analysis of rural Public Welfare.

The University of Chicago has awarded Mr. Lillywhite a fellowship in the Sociology department for the coming year.

"Jakie, use the word "pencil" in a sentence."

"If I don't use pins in my track suit the pencil fall down.

U. S. A. C. LITTLE THEATRE

An Accomplishment

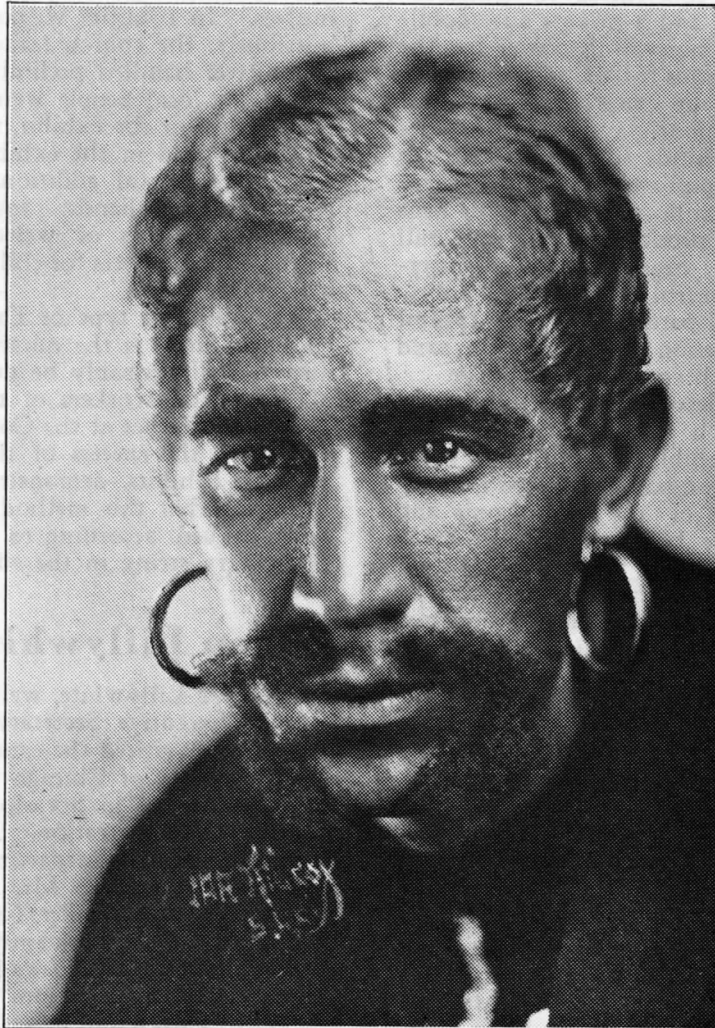
In the shadow of our high tower dramatic art is experiencing the benefits of universal enthusiasm and skillful promotion

The College dramatic department coupled with the "Little Theatre" has realized some of the finest works of modern and ancient drama. The repertoire includes such well known and appreciated plays as: "Skidding, The Constant Wife, Children of the Moon, Hamlet, Othello, Allison's House; Sun-Up, The Poor Nut, Smilin' Through, Mrs. Bumpstead Leigh, Berkeley Square, Cock-Robin, Mr. Lazarus, Mr. Pim Passes By, The Gypsy Trail." These plays are an indication of rapid movement in the dramatic department of the College. The Varsity Play for 1932-33, "Death Takes a Holiday," never before released to semi-professionals in the west, was one of the most outstanding plays ever to be produced on the local stage.

Headed by such distinguished directors as Dr. N. A. Pedersen, Dean of the School of Arts and Sciences, Chester J. Meyers, at present on leave of absence, Wallace A. Goates, managing director of the Little Theatre, Wilford D. Porter, Mrs. Ruth Moench Bell, Miss Anna Boss and Mrs. O. A. Garff, the College and the Little Theatre have enjoyed two of the most successful years in the history of local drama. Stage equipment and facilities for production have been greatly increased in the last year due to the untiring effort of the dramatic department. New lighting systems designed along the most advanced lines and new sets of scenery are final touches to insure master production during the current year.

The innovation of a Class in Stage Craft, one of the few such classes in the west and the only one in Utah, is a new addition to the department; there has been an increase this fall of nearly three times the former number of majors in dramatics.

In connection with College dramatics has been



Miller Ryan, pictured here as Othello, has thrilled audiences at Utah State for the past two years. Mr. Ryan is accredited to be one of the finest actors ever developed at the U. S. A. C. His remarkable stage presence and versatility have made him outstanding in all of his performances.

developed one of the few and best Little Theatres in the country. Growing from a mere handful of patrons who gathered in the Presbyterian Church some six or seven years ago it has flourished until it realizes upwards of one thousand patrons. The Little Theatre is a non-commercial organization. Much credit is due the pioneers of this organization both in and out of the College. Their work has made possible the rapid development of drama in the College and community the last few years.

An obvious result of the success of this combined community and College dramatic movement is the development of a great number of ultra fine amateur players whose characterizations have increased the demand for more numerous productions.

The department is concentrating its efforts now on the perfecting of the present program; uncovering and developing new talent, and producing only the best of standard drama, both period and modern.

The popularity and success of the work has been almost instantaneous. Large enrollments in classes and exceptional

interest among the students generally has been partly responsible for the favorable reception of this work both on the campus and off. Numerous students from the department are continually appearing in public as directors and community leaders and entertainers.

The well organized year of courses coupled with the remarkable activity shown in the department gives evidence of becoming one of the major interests at the College.

"Your son must be the idol of the family."

"Yes. He has been idle for twenty-one years."

—Penn State Froth.

The utmost in humility: carrying the front end of the bass drum in the college band.

UTAH AGGIES YOU SHOULD KNOW

Angus Marion Maughan, '21

is one of the few educators in the west who have visualized the value of social service and recreational programs in education. He has embodied in his idea of a complete education not only the need of curricula activities but also those of the extra curricular type. Playgrounds and centers for recreational activity are in his mind a vital need of the modern educational system. As an educator he has been an assistant in the chemistry department of U. S. A. C., which position he held immediately after his graduation. He has been Superintendent of Schools, Oneida county, Idaho, and he is now principal of the Richfield High School, at Richfield, Utah. His fine personality has won for him an enviable place in the hearts of those he has served. He has sought to render a full and complete education to those who seek it.



M. S. Durrani, '28

who as manager of one of the largest fruit farms in Baluchistan, India has achieved remarkable success since his graduation four years ago. Because of his responsible position in India he is afforded an opportunity to mingle with the great men of Baluchistan. Mr. Durrani is a frequent traveler to Europe. He visits London and Paris and there is able to gain knowledge concerning the latest farming methods. At Utah State Agricultural College, Mr. Durrani completed an agricultural course; he specialized in irrigation methods. He recently attended a great feast at which the elite of Baluchistan were present. The chief of the Bugti tribe acted as host. The occasion happened to be Modammedan Festival Id-ul-Fitr. Alumni of Utah State no matter where they may be still keep in touch with their Alma Mater.



William G. Wagstaff, x'05

Who as a scientific farmer has successfully applied modern methods to the farm. Mr. Wagstaff is a great example of the typical agriculturist, graduated from the Utah State Agricultural College. He has brought to the farm a scientific method of thought and procedure. He has availed himself of the opportunity to become educated in a land grant college, the prime purpose of which is to educate rural and industrial peoples. Through continued experimentation and research with farm plants, he has decorated his estate, and more practically, has increased his paying crops. He has created, through careful and intelligent selection, a library in his home that is comparable to most learned collections of books. He has practically applied and exemplified the purpose of a land grant college.



College Recognizes Pioneer Scientists

Illustrious Graduates Honored During Nephi Wheat Day Celebration

On the Levan Ridge south of Nephi stand seven locust trees. Mighty figures they are. Raising their leafy crests above the surrounding country, they stand a challenge to the elements. Fearless courage, solid integrity and amazing versatility are their capital assets. Those seven trees are living tributes to seven men. Their unchangeable purpose are typical marks of men they represent. What could be more fitting than that these mighty land marks should bear the names of seven men who have done more perhaps than any others to make this section one of the great wheat producers of the intermountain West.

Among that impressive company stands the tree, John A. Widtsoe. As one looks on this tree one cannot but remember the life of that great man. Once president of Utah Agricultural college, later president of Utah university, now we find him one of the leading authorities of the L. D. S. Church. Next in that living Hall of Fame, the tree, William Jardine, stands as a mute reminder of the life of this eminent and successful man. In that tree we see the brilliance of this man reflected. Once president of the Kansas State Agricultural college later Secretary of Agriculture in the cabinet of President Coolidge, at present United States Minister to Egypt. Can the reader understand why this little plot of ground whereon those great trees rest has become the "mecca" of men and women interested in the progress of agriculture. As those great men were undaunted by obstacles these mighty trees are complacent in their attitude toward the surrounding country which through the efforts of the men they represent has been made from a barren waste in to a fertile and highly productive region.

There also stands the tree, Louis A. Merrill, representing in death as it did in the life of this man, his ideals his hopes and his achievements. The name of F. D. Farrell is also hallowed by the existence of a tree bearing his name. F. D. Farrell has become president of one of America's foremost agricultural institutions, Kansas State Agricultural college. Yet, it must be remembered that this man also worked in the vicinity of this great Levan Ridge and contributed much to the improvement of this territory. Also in the group of trees there stands a tree, P. V. Cardon. Representative of the life of a man whose energy is tireless and whose personality is dynamic, this tree like the man it represents is impressive in impressive company.

In connection with the development of this grain producing region, the people associated with the Station recognize the names of Stephen Boswell and J. C. Hogenson. Stephen Boswell has been foreman in charge of operations at the station since its beginning. J. C. Hogenson now expert in Agronomy with the U. S. A. C. Extension Division was for two years superintendent of the Nephi Experiment Station.

Last summer two new trees were planted. As is

expected the men chosen to receive such an honor well deserved it. Men outstanding in their work, unswerving in purpose and understanding in life were chosen to complete the circle of great men at Nephi.

The tree Aaron Bracken, represents the man who bears that name. As a graduate of 1914 from Utah State he distinguished himself in scholarship and received a degree in agronomy. Since his graduation he has attended the University of Minnesota and there furthered his study along the lines of the production of grain. Returning to Nephi he became assistant at the Nephi Experiment station, from there to the position of county agent, and from there back to the Experiment station as superintendent, a position which he has held for the last fourteen years during which time he has contributed some vital facts to the progress of the station.

As the tree, Isaac Grace, was planted one could not help but recall some of the moments of this man's unique life. As a young man, Isaac Grace was sent to the Hawaiian Islands where he was appointed superintendent of the L. D. S. sugar plantation. After receiving valuable information in the line of agriculture for five years in Hawaii he returned to Nephi. Here he became known as the pioneer of the Levan Ridge dry farming country. Mr. Grace was perhaps the first man to see the possibilities of that great barren land around Nephi as a grain growing section, at any rate, he was the first to dare to experiment with types of grain on this land. He is regarded as the pioneer in dry farm wheat raising in this district. So outstanding have been his contributions that the U. S. A. C., ever willing to recognize true greatness, has conferred on this man the degree of Master Farmer, he being one of five men to receive this honoray degree from the college. Men of such caliber are represented in this sacred grove of trees at Nephi. What more fitting monument to a man's life could there be than to have a living thing, a tree, stand in representation of his life.

"A college is not what alumni say it is, but what the alumni make it. We must impress upon our alumni that they themselves must be representative men. We and they must take care not to be misrepresentative"

—Ohio State

"The alumni of a state college are first of all good citizens; they desire for the College only what all good citizens desire—whatever may be necessary to make the college of the greatest service to the state. They should ask for nothing for the college which cannot be secured by the fullest and frankest publicity. The only respect in which the relation of the alumnus differs from that of any other citizen of the state, is in the knowledge of its needs and possibilities and a feeling of personal gratitude." —Shepherd.

E. W. STEPHENS, SCHOLARSHIPS

BY E. J. MAYNARD,
Utah State Agricultural College

A national trend toward Future Farmer and 4-H Club work in the U. S. has developed a need for junior livestock departments and shows of a high order. For most among shows of this kind in the U. S. is the annual Junior Livestock and Baby Beef Show at South San Francisco, Cal., sponsored by Swift and Company and under the able management of E. W. (Wick) Stephens of the class of 1910.



E. W. Stephens

The best managed show in the country, bar none, was a well deserved comment made by Professor E. W. Hughes of the University of California, who judged the 404 fat hogs exhibited at the last show in November. This comment characterizes in a nutshell a show whose tremendous growth and success has been chiefly due to the ability, personal magnetism, and efforts of its manager.

From the time that the 300 youthful exhibitors arrive at the Union Stock Yards of South San Francisco from California, Nevada, Utah and Colorado they are under the personal supervision and care of Wick and his wife who treat them as if they were their own.

The show, which is the only one of its kind in the west, is conducted in a systematic manner which would do credit to any of the old established senior shows of the country.

The young folks from several states entered, showed 175 individual fat steers, 252 fat lambs and 454 fat hogs at the November show.

According to Professor H. W. Vaughan of Bozeman, Montana who judged the fat cattle this year and who was also judge of the Junior Show at the International Livestock Show at Chicago, the top animals shown in the classes were fully as good as at any show in the country.

The standard of excellence established for the measurement of quality and finish of livestock produced by the boys and girls in the intermountain country has been developed by maintaining a rigid selection policy. A "sifting" committee composed of trained livestock men culls out all inferior animals and thereby increases the effectiveness and educational value of the show.

A fine spirit of sportsmanship and fair play pervades the show and exhibitors whose animals are culled lead them bravely out of the ring.

Their lips may quiver a bit but their eyes light with determination to be back with something that will be in the money another year.

The show is building character in youngsters by real "dyed in the wool" human interest and it has been "Wick" Stephens' attitude and influence that has done most to develop the fine principles that are evident.

Each boy or girl knows that he or she will get a square deal there and that Wick is working for their interests and to help them to stand on their own feet.

Young folks who attend this show are well repaid in an educational way for the time spent in feeding

and fitting the animals they show, whether they win blue ribbons or not.

Arrangements are made for their entertainment by the show management and by many business organizations of San Francisco.

A sight seeing trip in big busses this year included a large department store, the banana terminal, a coffee roasting plant, one of the large ocean liners, San Francisco's famous Fisherman's Wharf; Presidio, western headquarters for the United States Army, the Cliff House and seal rocks at the beach, San Francisco's natural golden gate park where the Aquarium filled with sea animals from all over the world may be seen, and the DeYoung museum filled with relics of California's history.

Utah has been well represented at this show during the past few years and her representation is steadily growing. At this last show sixteen future Farmer and 4-H Club boys from Kamas, Spanish Fork, and Charleston showed one champion and 19 prize winning fat calves to win ribbons and \$384.00 in prize money at the show. Total receipts in awards and sales brought back to Utah by these youthful exhibitors at the November Show amounted to over \$2,112.

The real ultimate value of this show, however, was brought out by an incident occurring during the judging of the champion lamb (which was later purchased at \$4.00 per pound.) The selection finally narrowed down to two individuals, the owner of one being in the hospital with influenza. When his lamb was designated the winner the other boy owner of the runner up looked up with a smile and said "Isn't that great for Pete?"

Scholarship Students

Chief among a distinguished group of Future Farmers entering the Utah State Agricultural College this year are two students who have been awarded scholarships of \$500 and \$300 as a result of winning places in national livestock judging contests held each year in connection with the American Royal Livestock Show at Kansas City, Missouri.

Lawrence Simmons, a future farmer of Spanish Fork, Utah, took first honors in the National Livestock Judging Contest in November 1932. Mr. Simmons was in competition with ninety-eight livestock judges from various states and was the high point winner. Due to his ability in judging sheep, swine, horses and beef cattle, Mr. Simmons was awarded \$500 to be applied on agricultural study at an Agricultural college of his own choosing.

A. Edwin Larsen, a future farmer of Firth, Idaho, won second honor in the nation and a \$300 scholarship in the National Livestock Judging Contest in 1929. Mr. Larsen was an active member of the Fifth chapter of Future Farmers of America at the time of his victory.

Each year the Union Pacific System awards to deserving future farmers about thirteen scholarships which have an average value of approximately one hundred dollars. These awards are made to the most outstanding

future farmer, residing in each county through which the Union Pacific Railroad passes. Awards are made to young men who have demonstrated their ability to handle some sort of agricultural project with an apparent degree of success. At the present time there are in attendance at the U.S.A.C. approximately twenty-one students who are enabled to attend the institution because of receiving these scholarships. Among them are; Doyle Cardon, Benson; Fred Sommers, Garland; Alan Taylor, Farr West.; Reed Tippets, Woodrow; Duaine Sparrow, Smithfield; Zane Abbott, Tremonton; Clyde Stewart, Warren; Floyd Stephen, Henefer; Win Criddle, Clearfield; Calvin Jensen, Sandy; Wesle Soulier, Provo; Rondo Brough, Nephi; Clair Hopkins, Delta; Rudolph Van Kampen, Birch Creek; Howard Law, Springville; Milton Anderson, Garland; Mervin Bodily, Lewiston; Wain Lowe, Willard; Jay Gibson, West Weber; and Paul Parr, Sandy.

Tomato Disease Investigation

During the summer of 1930 the Utah Experiment Station found itself helpless in the face of demands for help made upon it as a result of the devastation of thousands of acres of tomatoes by the "Western Yellow Blight." It was recognized that before any assistance could be rendered the farmer an intensive research program would have to be undertaken. This program would, in all probability, cover an extended period of time and involve the expenditure of considerable money.

In order to definitely center tomato disease investigational work at the college, the Utah Experiment Station pledged its support by way of providing adequate laboratory, greenhouse and land facilities together with a portion of the working budget. The cooperative agreement entered into by the Utah Experiment Station and the United States Department of Agriculture, Bureau of Plant Industry, brought \$15,000 a year to our campus for plant disease work in the state.

Dr. H. L. Blood was placed in charge of the new cooperative project as Plant Pathologist. Because Dr. Blood's whole time is devoted to the organization of the tomato disease research program, he was removed from the teaching staff of the Botany department. His removal necessitated a change in the departmental organization.

Many of the problems involved in tomato disease research enter the realm of plant physiology and biochemistry. Dr. F. B. Wann, Associate Plant Physiologist of the Utah Experiment Station, was transferred part time to this work. Dr. Wann will investigate the physiological and biochemical aspects of the Western Yellow Blight and Psyllid Yellows disease of the tomato.

Dr. B. L. Richards reduced his teaching responsibilities and assumed more time as a member of the Experiment Station staff in order to devote a greater portion of his time to Plant Pathological research.

Professor Basset Maguire was added to the teaching staff of the Botany Department as Assistant Professor of Botany to fill the vacancy created by the removal of Dr. Blood from the teaching staff and the reduction in teaching responsibilities of Dr. Wann and

Dr. Richards. Professor Maguire comes to the college from Cornell University with excellent training in Taxonomy and Ecology.

The Botany Department of the Agricultural College, as it is now organized, is in a better position than ever before to render service that is its function to the student body and to the agricultural public. Besides having general phases of Botany well taken care of, the department affords expert service in Plant Pathology, Plant Physiology, Taxonomy, Ecology, and Mycology. Biological science majors or graduate students interested in any of these fields of investigation will have at their disposal specialized training to direct their work.

The department personnel, as it is functioning at present, consists of Dr. B. L. Richards, Professor of Botany and Plant Pathology, head of the department, teaching and conducting research work in Plant Pathology and Mycology; Dr. H. Lorin Blood, Plant Pathologist with the Utah Experiment Station and United States Department of Agriculture, Bureau of Plant Industry, under the cooperative agreement, in charge of tomato disease investigations; Dr. F. B. Wann, Associate Professor of Botany, teaching Cytology, Histology, Plant Chemistry and Physiological Diseases of plants; Mr. Basset Maguire, Assistant Professor of Botany, teaching general Botany, Ecology, Systematic Botany.

Engineers Travel

Another interesting feature has been added to the Engineering course at Utah State. Under the direction of Dean Ray B. West and Professor George Dewey Clyde, students of civil engineering at the college engaged in an extended inspection trip of road construction and irrigation structures of Utah and Nevada.

The party visited the testing laboratories at the Utah State capitol building, weather bureau at the Salt Lake airport, K S L broadcasting station and laboratories, Garfield smelter, Magna Mill of the Utah Copper Co., Bingham Copper mines, Strawberry project, in Utah county, Sevier bridge dam, and various highway construction projects and bridges enroute to Boulder City.

Upon arriving at the Hoover Dam, Mr. Nelsen, of the United States Bureau of Reclamation, guided the party in a thorough inspection tour. Boulder City, newly created metropolis of the desert, was inspected by the group. The dam proper, where actual operations are now in progress, occupied a whole day of the engineer's time. The excavation of Tunnel No. 2 and of the upper coffer dam proved very interesting to students whose studies included the construction of such projects. In Tunnel No. 2 they had an opportunity to examine the drilling and grouting machines for lining tunnels. Coming back from the river to Boulder City they passed through roadways cut in living rock walls. Also included in the itinerary of the group was a visit to gravel deposits from which the aggregate for the dam will be taken. The massive sizing plant for segregating aggregates of different sizes was inspected. Throughout the project mechanical equipment of the very latest type is being used.

Returning home from Las Vegas, the Mt. Carmel

tunnel was visited. This recently completed tunnel is being relined. Here the students had the opportunity to observe the working of one of the most difficult road projects ever constructed. Throughout the southern parks the students examined the high type of road construction.

The Piute Dam, Provo canyon, and the Echo dam at Coalville were inspected on the return route. The entire trip was made in private cars and the boys were well pleased with the venture and felt that they had received some very valuable information. According to Dean West, this trip which will be made annually, is a part of the requirements for graduation from the department of Civil Engineering at the Utah State Agricultural College.

ALUMNI NEWS BRIEFS

The fire of that old Aggie spirit, once engendered into the soul of a man, is seldom put out by mere separation from the good old school. Recently at Chicago, a group of Utah State former students, and alumni, feeling the need of that friendship known only to those who have been on the hill, held a banquet and reunion. Alden Lillywhite, former secretary of the Alumni Association, promoted the affair. President E. G. Peterson, who was in attendance at the meeting of the Association of Land Grant Colleges, presided at the banquet. Those present were; Carl J. Furr, Daryl Chase, E. Edgar Fuller, Russell Swenson, Louis Turley, Leonard Stewart, Mr. and Mrs. Floyd Clark, Rulon Walker, Roland Monson, William Flowers, Alden Lillywhite, P. V. Cardon, F. D. Farrell, J. T. Jardine, George S. Romney, and President and Mrs. E. G. Peterson.

George Blanch '30, has gained recognition for himself since graduating from the "Aggie" school. Mr. Blanch is this year a member of the Cornell University faculty, as Assistant in Farm Management. Among his many endeavors, he is doing research work in Land Utilization and Land Economics. Also, aside from his regular routine, he is working for the doctorate degree.

Mr. Blanch received his M.S. degree from this Institution in 1931. He was a member of Phi Kappa Phi and Alpha Zeta fraternities; and in 1930-31 held a fellowship in Agricultural Economics at Utah State.

Thomas Green, '27, is enrolled as a student of Harvard Graduate School of Business Administration, at Cambridge, Massachusetts.

"Tommy" will best be remembered, by his many Aggie friends, as a former U. S. A. C. Cheer King. It was through his efforts and his deep interest in outstanding "Aggie Pep," as assistant to Otis Marljar, that the card stunts were first exhibited in the Aggie stadium. While attending the college, Mr. Green also acted as an assistant to R. E. Berntson, Executive Secretary-Treasurer, and Purchasing Agent of the Utah State Agricultural College..

Luell H. Eppley, former instructor in secretarial science at Utah State, has recently secured a position as head clerk of the night school office in the Long beach city schools. The night school in which she has a position has approximately 4200 students, allowing no one under eighteen to enroll. The student body is composed of serious minded students seeking instruction in the more practical studies. Most of the actual class-work is done from seven to nine in the evening, enabling Mrs. Eppley to devote ample time to her position. As head clerk in the office she supervises other office employees and assumes practically all responsibilities of actual secretary of the institution.

Milton T. Wilson '23, an assistant engineer for the United States Geological Survey with headquarters in Salt Lake City, was recently transferred to the Pacific Coast, where he will take up his new duties with the Survey at San Francisco. For the past five years Mr. Wilson has been employed in the water resource branch and will continue this work in connection with his new assignment.

Sylvan Erickson, '28, formerly an assistant in the office of the Executive Secretary of the College, has recently left Logan to take his new position as secretary of the Branch Agricultural college at Cedar City. He will act there as an assistant to Russell E. Berntson, executive secretary of the Utah State Agricultural College.

This position was left vacant by Hazen Cooley, '28, who is now registered at Stanford Graduate School of Business. Mr. Cooley has acted as secretary of the D. A. C. for the past five years.

Few indeed is the number of graduates who have met with such phenomenal success as has A. Elden Rex, '28. Graduating from Utah State in the school of Commerce, Mr. Rex taught seminary at Logan for two years after his graduation. He then attended the Graduate School of Business at Stanford University. He became affiliated with the Mercantile Mortgage Corporation as the company's investment analyst. At present Mr. Rex is making an intensive survey of the investment holdings on the Pacific Coast and is charged with the responsibility of appraising all mortgage holdings of the company in Northern California.

Wendell J. Thomson, '23, of Richmond completed his work for the M. D. degree during the last year at Columbia university and he is now Dr. Thomson. He is now interning at Western Reserve hospital in Cleveland. He made a great record at Columbia and was awarded two fine scholarships during the time he was there. During the past year he was an instructor in pathology for the first and second year medics.

The University of Pavia in Italy was founded 1105 years ago.

Few insults equal that of using all second-string men in the last quarter.

ARE YOU A LOYAL LIFE MEMBER

Since the announcement of the Life Membership Plan for Members of the U. S. A. C. Alumni Association approximately forty-five enthusiastic supporters of their Alma Mater have responded to the call and have obtained Life Memberships.

Enrollment in those honored ranks by L. Mark Neuberger, newly graduated from the institution in 1932, is an indication that young as well as older alumni value the advantages of a Life Membership. Mr. Neuberger is proud of the fact that he is the first of the class of '32 to be a life member. Frederick P. Champ, prominent banker in Logan and enthusiastic supporter of the College and member of the board of trustees, was convinced firmly enough of the values of our life Membership plan that he asked for the privilege of purchasing a membership. In a recent letter to the Alumni secretary, Eunice Jacobsen Miles, '08, included in her interesting bit of correspondence payment on five life memberships. This enthusiastic support of one who has not only obtained a life membership for herself but is advising and helping other alums to get their Life Membership is typical of the Utah State Alumni.

As the Quarterly goes to press approximately forty-five subscribers to our Life Membership Plan have been recorded. Specifically the Life Membership Plan gives the subscribers a Life Membership in the Alumni Association, which includes complete payment of yearly dues and complete life subscription to the Alumni publications; it creates a permanent Student Loan Fund, a fund which this year alone is keeping some fifty deserving students in school and enabling them to continue their education; it endows the Alumni Quarterly, by making this publication self supporting, the life memberships are enabling more money and time to be spent on Alumni Association projects; it demonstrates the good will of the alumnus, it identifies him as an intellectual and progressive American.

Here are the names of our present Life Members—Dan A. Swenson, S. Grover Rich, Mildred Forgeon Rich, A. C. Cooley, Lucile Jensen Cooley, Elmer G. Peterson, Phebe Nebeker Peterson,

Effie Smith Barrows, F. D. Farrell, E. T. Ralphs, Robert L. Judd, Arthur H. Saxer, George P. Barber, William Peterson, Frank L. West, Geo. R. Hill Jr., Lizzie O. McKay Hill, Eunice Jacobsen Miles, Melvin C. Harris, John A. Alder, Vere L. Martineau, Bert L. Richards, George Stewart, Frank T. Hines, Wilford D. Porter, Verena J. Adams, Eva Lindquist, Alden Lillywhite, Winnifred Smith Holton, Russel L. Maughan, Anna Nibley Bullen, William Lawrence Walker, Seymour Joseph Quinney, Jessie Eccles Quinney, Alice Bowen Boyer, Ralph Orlando Porter, Vivian Erickson Porter, Preston G. Peterson, L. Mark Neuberger, Frederick P. Champ, Walter U. Fuhrman.

A FEW OF THE GOOD THINGS THAT A LIFE MEMBERSHIP WILL BRING YOU

1. FOR LIFE—Membership in the Utah State Alumni Association.
2. FOR LIFE—The Utah State Quarterly, your alumni magazine.
3. FOR LIFE—The Utah State Bulletin a special publication of the association.
4. FOR LIFE—Numerous periodic special benefits. For example, the new Directory is supplied to Life Members free.
5. A BEAUTIFUL engraved certificate, suitable for framing, attesting the fact that you are a Life Member of the Utah State Alumni Association.
6. FOR LIFE—The satisfaction of knowing that you are contributing toward the maintenance and progress of your Alma Mater.
7. FOR LIFE—Exemption from payment of all further Alumni dues of \$2.00 per year.

Become a Life Member and you are square with your Alma Mater forever—the slate wiped clean. No more campaigns—no more drives—and no more bother of annual billings. Instead of High-powered literature—letters of thanks.

A Perpetual Memorial to Your Name

You pride yourself on your graduation from the Utah State Agricultural College. Then why not inscribe your name as a testimonial of your everlasting loyalty to your Alma Mater.

NO QUESTION ABOUT IT!

**The Best Christmas Gift for YOU
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LIFE MEMBERSHIP

DON'T HOLD OFF UNTIL YOU HAVE THE \$25.00. WE RECOMMEND THE FIVE PAYMENT PLAN WHICH REQUIRES AN INITIAL REMITTANCE OF \$5.00. LIFE MEMBERSHIP CREDENTIALS AND BENEFITS FOLLOW IMMEDIATELY. USE THE ENCLOSED APPLICATION BLANK TODAY.

Poultry Record Book

A very extensive Poultry Record Book, sponsored by the Utah State Agricultural College Extension Service has gained extremely favorable comment and the most gratifying results in its first year of service. The record book is the result of years of work and compilation. It contains several hundred pages of record blanks, upon which, the most minute details of poultry production can be kept without difficulty.

This record book has been sent to many poultry men of the state who have kept their flock records upon them and have responded back to the extension service surprisingly well. The department in turn compiles these complete records and charts from every county in Utah revealing priceless information in the study of poultry. Extension workers are more than gratified with results since the book's appearance, October first, nineteen hundred and thirty-one.

The Sperry Mills company of California has adopted the book and put it into use for its work and many other big feed companys have paid special attention to the book and have made important contributions to it. Much of the success attained thus far is due to the fine support that has been given by the different feed and marketing organizations of the state as well as by other interested groups and individuals.

Aggie Hospitality

Beautiful Utah State campus has been the scene of many colorful gatherings during the past season. It seems ideal for club gatherings, extension meetings, city gatherings, and for gatherings of all purposes of a like nature. Scarce a day passed during the summer in which groups of various kinds have not come to the campus and enjoyed the exhilarating beauty of its freshness and cool hospitality.

And visitors can not leave the campus without remarking of its extreme, orderly appearance and elaborate flower beds which bloom perpetually. One cannot help but be awed at a ride around the main building with a view of the deep, stately color rampant on all sides, and at the glorious growth of vines almost covering the entire front side of the building. Beautiful cement, oil, and well kept gravel roadways and walks take the visitor to scenes of charm never before experienced. Crowds come and go but always the same crowd returns after one visit.

The hospitality of Utah State is graciously offered and as graciously accepted. Grateful recipients of that hospitality are loud in their praises of Utah State and her policies and the grandeur of her position on the hill. Visitors are urged to take a trip around the campus. Groups are invited to make use of the splendid opportunities for recreation offered free of charge there. Come and see beauty in its natural orderly form and take back a picture of a sholar's sanctum unequalled.

Welcome back, old grads; you can sleep out in the yard.—*Kansas Sour Owl.*

Fish and Game Program

Under the auspices of the Utah State Agricultural College and the Utah State Department of Fish and Game, a general Fish and Game Meeting was held at the Utah State Agricultural College, December 2 and 3. Distinguished speakers figured throughout the two day session. During Friday, December 2, Mr. Foster spoke on "Life Histories and Environmental Needs of Native and Introduced Fishes," Dr. A. S. Hazzard on "Fish Planting Investigation," Mr. C. G. Adney on "The Problem of lower Bear River." In the afternoon of the same day George Mushback, superintendent Bear River Migratory Bird Refuge, spoke on his accomplishments at the refuge; Bassett Maquire gave a biological survey on the same refuge. In the evening William Peterson, director, Utah State Extension service spoke on "The Adaptation of Marginal Lands to Game Production."

Saturday the program dealt chiefly with Management of Big Game problems in the state. Speakers included Dr. O. J. Murie, biologist U. S. bureau of Biological survey, R. L. Turpin, in charge of big game Utah State Fish and Game Department. R. H. Rutledge, regional forester of Region 4—U. S. Forest Service, and Newell Cook, Utah State Fish and Game commissioner. Such a meeting as this informed the sportsmen of the state of the progress of the work being done toward conservation and utilization of our game and fish.

Alumni News Briefs

Many outstanding 1932 graduates were successful in receiving scholarships and fellowships to Institutions of higher learning. All of the persons mentioned below will be remembered for outstanding achievements in scholarships. Those receiving them are:

Cornell Christensen, School of Technology, California; Datus Hammond, University of California; Rex Dibble, Stanford University, California; Z. Doyle Roundy, University of Wisconsin; Davis McEntire, Duke University, South Carolina; Lydia Jennings, Mills College, California; Cleve Milligan, University of California; Captola Cherrington, Michael Reese Hospital, Chicago; Ansta Todd, Michael Reese Hospital, Chicago; Jean Pedersen, Michael Reese Hospital, Chicago; Alvin Stæd, Harvard University.

The following graduates have not received scholarships but are attending school elsewhere:

Dean McAllister, University of Wisconsin; David Homer, George Washington University, Washington, D. C.; Joseph Symons, University of Chicago; Kersey Riter, Rush Medical College; William Ballard, New York University.

Merrill Johnson, '28, Aggie and Harvard graduate, is connected with the Irving Trust company in New York City. Irving Trust is one of the great banking corporations in the country and is particularly well known in this section because of numerous business connections with smaller banks in this area.

Alumni Briefs

Carl Belliston, popular student at Utah State in 1931, is attending Oregon University, at Eugene, Oregon. Mr. Belliston received a fellowship to this institution for the year 1932-33. He is taking his master's degrees in Physical Education. While attending Utah State Mr. Belliston figured conspicuously in every branch of athletic endeavor. In track and basketball especially did he achieve success. He is the third Aggie, in as many years, to receive this fellowship to Oregon University. Preceding him were Hyrum Hunsaker and Joseph Jenson. Mr. Jenson is present director of physical education at Utah State. Incidentally Mr. Belliston was recently married to Miss Alice Cardon. Mrs. Belliston is a former student of Utah State and the daughter of O. Guy Cardon, present manager of the Bluebird, and an enthusiastic Aggie alumnus.

W. J. "Bill" Merrill, '32, is battling the depression in New York as a vice president of the Great Island Corporation, a large holding company. During the past year and a half Bill has been devoting all of his time to one of the company's recent acquisitions. Bill is a former tennis letterman at the college and he still maintains an intense interest in the sport. He is president of the Jackson Height Tennis Club, one of the finest in the New York area. It's clay courts are among the best in the country and several of the first ten players compete in their tourneys.

Ethel Lee, his wife is a Theta of years gone by. They have two children, Junior and June.

Wilford L. Hansen, '31, is studying forest recreation at the New York State College of Forestry at Syracuse University. At the same institution Vernon A. Young, with rank of Assistant Professor, is in charge of course work in ecology and systematic botany. He was graduated from Utah State with the B. S. degree in 1922, from Iowa State with the M. S. degree in 1924 and from the University of Minnesota with the Doctor of Philosophy degree in 1929. He reports very favorable conditions at Syracuse, both for teaching and for research.

J. Deloy Hansen, '30, has been in charge of grazing work on the Powell National Forest at Panguitch, but at present is filling a detail with Intermountain Forest and Range Experiment Station at Ogden. Deloy is the proud father of a daughter born during the summer. Mrs. Hansen attended A. C. one year as Zelda Henderson.

Adelbert Fausett, '30, is a forest ranger at Sky-forest, California. He also reports the arrival of a daughter in their family this past summer. Mrs. Fausett is also a former student.

To educate a man in mind and not in morals is to educate a menace to society.—*Theodore Roosevelt.*

It is a known fact that a man with a Harvard diploma and ten cents can get a cup of coffee anywhere.



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Ernest C. Rossiter, Mgr.

The Death Warrant



Greatly to the annoyance of good Protestant Englishmen, Mary Stuart, most glamorous of living women, was still living last week.

Last September the harassed Queen of Scotland, Dowager Queen of France, ex-wife of the murdered Lord Darnley, claimant to the English throne, was accused of conspiracy against the life of England's Queen Elizabeth. Plots and counter plots were revealed by Counsellor Sir Francis Walsingham, chief of Elizabeth's spy system. Fearing complications, canny Elizabeth had twice before refused to judge the Catholic Queen, but this time, angered, badgered by Parliament, she struck.

After Scotch Queen Mary's supposed confederates had been convicted and executed, her trial began in the gloomy great hall of Fotheringay Castle. Claiming obdurately that as lawful Queen, she should not be tried by a mere Commission of Peers, Mary refused legal counsel, ably and courageously conducted her own defense. On the second day of the trial, a hasty order from Elizabeth transferred the proceedings, sans Mary, to Westminster's famed Star Chamber. October 25th a verdict was reached: "Guilty." London blazed approval with bonfires, the whole of England rang with news of Claimant & Pretender Mary's condemnation. But for three months the

Virgin Queen hesitated, hoped for Mary's natural death, shrank from the act of execution.

Last week, wire-pulling politicians, clamoring Protestant public opinion wrested a sullen consent from the Queen. To Elizabeth's chamber at Greenwich Palace came Lord Howard of Effingham once more to remind her of the situation. Angrily she signed and flung the warrant to the floor, declaring she would leave all responsibility of executing it to the demanding Council. . . Next week, unless Elizabeth changes her royal but feminine mind, death will come to her Scottish cousin and rival. . .

So, in part, had TIME been published in February, 1587, would TIME have reported the death sentence of Mary, Queen of Scots. So, too, would TIME have reported how at the execution a week later, Mary, denied a Catholic priest, refused the offices of the Protestant Dean, prayed for her own soul in Latin while he prayed in English; how as her head rolled on the floor, Mary, glamorous, beautiful while living, was revealed, dead at 45, as an old, withered woman; how in 1603 James VI of Scotland, Mary's son, who had lifted no finger to save his mother's life, became James I of England.

Cultivated Americans, impatient with cheap sensationalism and windy bias, turn increasingly to publications edited in the historical spirit. These publications, fair-dealing, vigorously impartial, devote themselves to the public weal in the sense that they report what they see, serve no masters, fear no groups.

TIME

The Weekly Newsmagazine

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Students . .

May Register Wednesday, January 4, 1933

THE UTAH STATE AGRICULTURAL COLLEGE offers a wide variety of courses during the WINTER QUARTER, which opens on January 4. New students will be welcomed at the college at that time and will find it just as advantageous to begin their college work in the Winter Quarter as the Fall Quarter because of the numerous new courses beginning at that time.

For those unable to do resident work a complete program of courses is offered in the correspondence study department. Put your winter leisure hours to advantage.

All Resident Students Will Register Wednesday, January 4. Classes Begin Thursday, January 5.

Courses are offered in the following schools:

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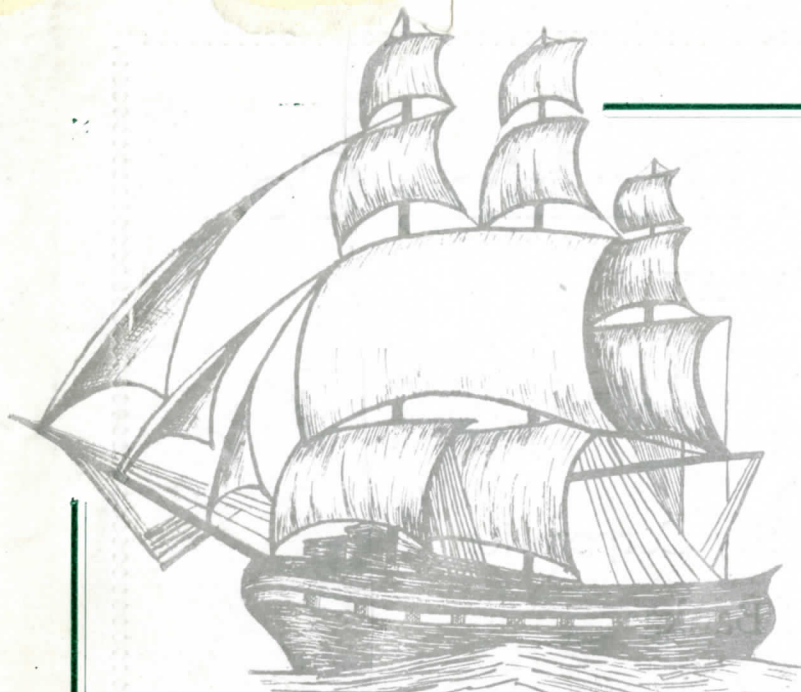
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