

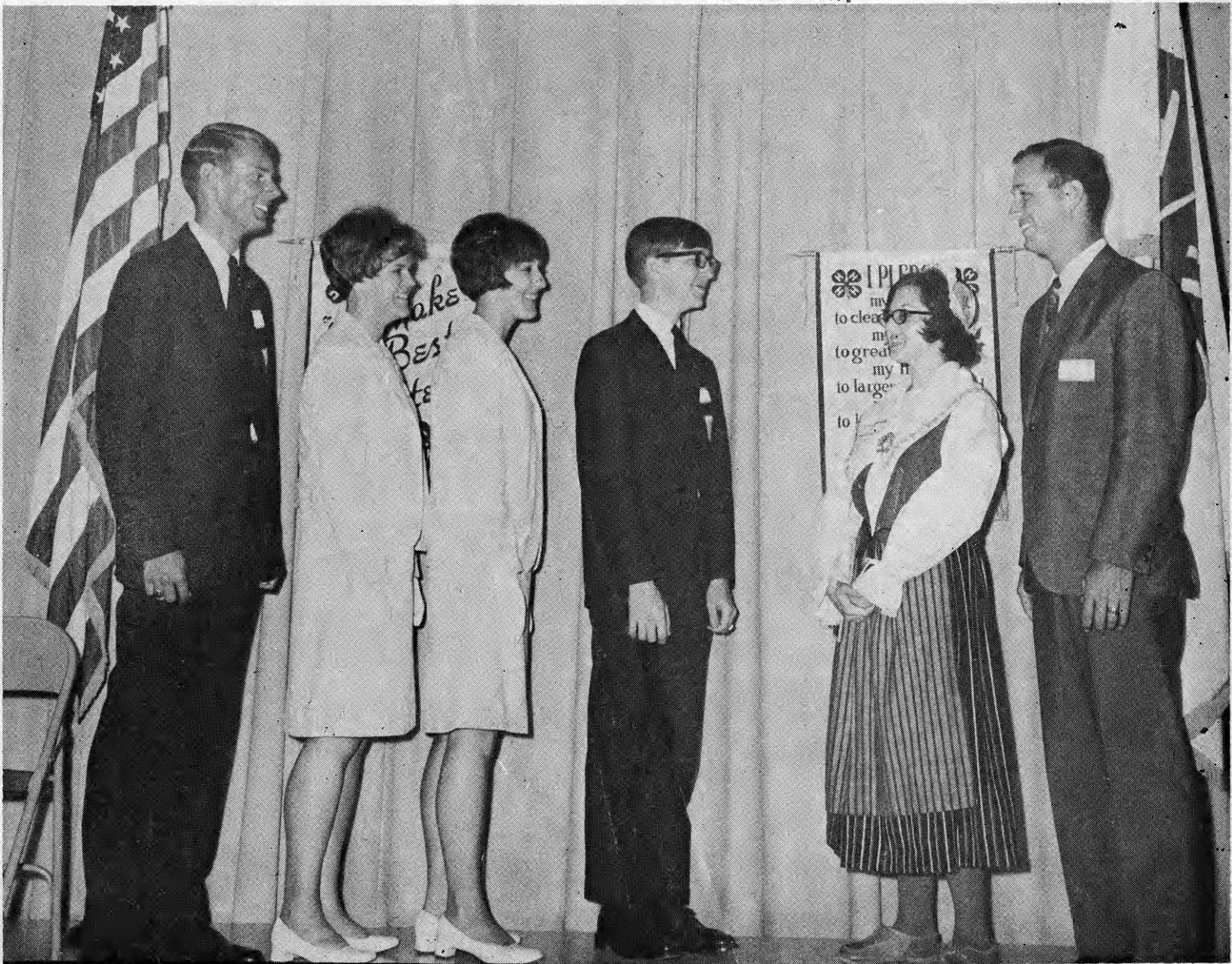
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Kansas 4-H

Journal

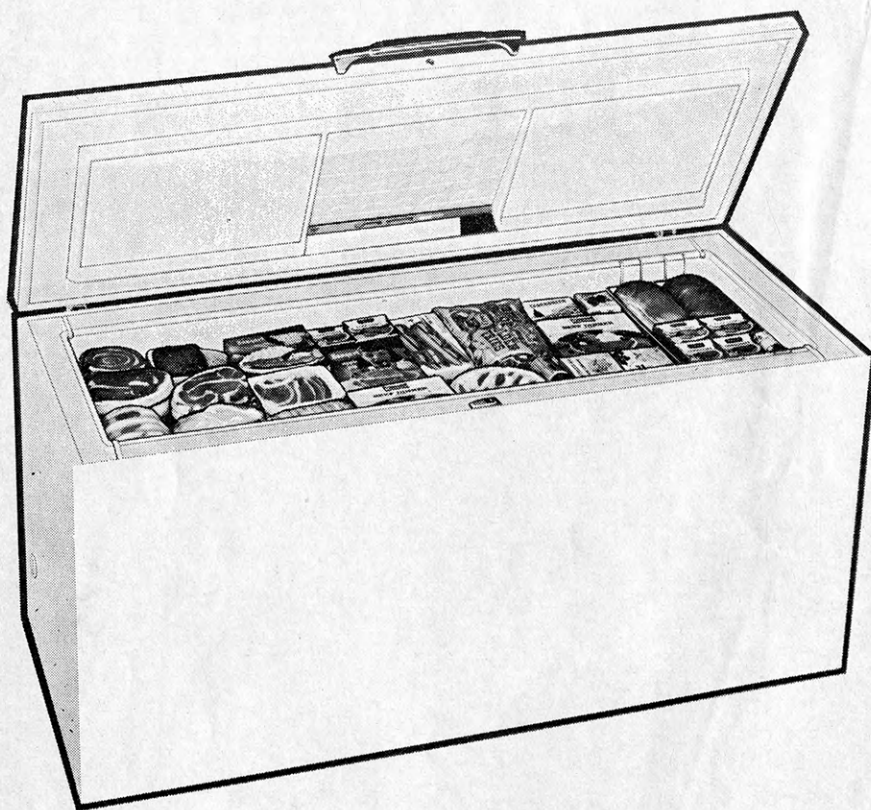
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IN THIS ISSUE

| | |
|---|----|
| Visiting IFYE's Represent Nine Countries | 4 |
| Conservation Program Is Every 4-H'er's responsibility | 5 |
| Kansas Inspires First Vietnamese 4-H Fair | 6 |
| Forty-One 4-H'er's Receive Scholarships | 7 |
| 200 Attend "Friends of 4-H Day" at Rock Springs | 8 |
| Cattfish May Be New Farm Crop | 11 |
| Family Fun Page | 13 |
| Ideas and News | 14 |

Bob Judd Editor

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OUR COVER

Visitors at "Friends of 4-H Day," held June 5 at Rock Springs Ranch, included Darrell Ptacek, Judy Hendershot, Janice Wood and Joe Miller, National 4-H Conference Delegates, and Patti Lampe and John Nagel, 1967 LFYE delegates to Sweden and India.

What Makes A Good 4-H Leader

By Dr. Glenn M. Busset
State 4-H Leader



The qualities considered necessary to be a good 4-H leader are a never-ending topic of discussion. Out of these dialogues have come many lists of objectives considered to be "characteristics of a good leader." Nearly every state 4-H leaders' manual or handbook has such a list of desirable qualities, stating noble characteristics worthy in total performance to those possessed by the disciples. Those of us who fondly remember our own personal "Aunt Lucy" type of leader are perhaps a bit too subjective, aided and abetted by a remembrance that is described in Texas as a "constructive memory."

It is neither wise nor fair to present and prospective leaders to recite these lists of ephemeral and largely unattainable attributes, indicating that "good leaders have these qualities." Most people who accept volunteer leadership positions are somewhat idealistic, but they are also realists. They know about what they possess in the way of excellence and what their chances are of reaching the heavenly level of "Characteristics of a Good Leader." On a more realistic and attainable level, let's consider only two qualities, those named as the requirements for a good salesman in an article from the *Harvard Business Review*.¹ It seems to me that if we can assume the leader possesses reasonable quantities of integrity and ability, then the two essentials for success as a 4-H leader are empathy and ego drive.

Empathy is the important central ability to feel as the other person does. Ego drive is his energy. It's what makes the leader want and need to accomplish something in this job he has with a 4-H club. Success in leadership serves to enhance the ego of the leader. There must be a delicate balance between empathy and ego drive if the person is going to be a real success as a leader. The leader with a great deal of empathy for boys and girls and a strong inner drive to accomplish something will be the one best remembered as a good leader.

The 4-H leader with fine empathy but too little drive may be a splendid person but will frustrate himself, his young clients and their parents by

(Continued on page 9)

Visiting IFYE's Represent 9 Countries

Eleven International Farm Youth Exchangees are spending their summer observing Kansas farm families for farming tips to take back to their native lands. Each will have stayed with several families before leaving the state July 28, en-route to a Mid-Point Conference at the University of Ohio and a two-month stay in another state before returning home.

The exchangees are from The Netherlands, Kenya, Vietnam, Italy, France, Finland, Israel, New Zealand and India, and are a part of the two-way exchange of youth in the United States and more than 70 other countries. Six Sunflower State young adults are 1968 delegates.

Miss Eva Aalbers from The Netherlands is a secretary and lives on a farm with major crops of wheat, potatoes, sugar beets and grass seed. She is a member and leader in a rural youth organization of the country. Teaching and demonstration methods, role of voluntary and junior leaders in 4-H, mechanization of small farms and all phases of home science are among her interests as an IFYE.

Henry K. Thairu, an Extension worker in a farmers' training center in Kenya, lists coffee, corn, pineapple, potatoes and beans as crops on his farm. He has organized 4-K clubs in Kenya, and has a special interest in projects and activities, cattle raising and use of gardens in good nutrition.

Miss Dang Bang, a rural home improvement Extension agent in Vietnam has lived on a small farm with lettuce, tomatoes, kohlrabi, squash and melons as crops. As a professional leader, she serves 75 girls. Youth club activities, club officer and leader training, vegetables, poultry and home science are her special interests.

Mario Dionisi, from Italy, lives on his father's partially irrigated farm. Olives and corn are the major crops. He is a member and leader of the Federclubs 3P in



THREE IFYE'S FROM INDIA visit with Patti Lampe, Hanover, a 1967 delegate to Sweden. Left to right are Miss Shakti Prabha, Suresh Kumar Juneja, and Nallappa Nallusamy. The exchangees visited Umberger Hall and the state 4-H department on the Kansas State University campus before going to their first host families.

his hometown, Cetona. This young Italian hopes to learn about teaching methods of Extension workers, educational programs other than 4-H clubs for rural youth, livestock raising, mechanization of farms and agricultural industry.

From France comes Gerard Marmasse. He farms with his father, raising corn and wheat. Marmasse is a member of the Rural Youth Organization, and he plans to work with this group upon his return. Adult and junior leader training, production of meat animals, processing meats, farm recordkeeping and agricultural cooperatives are special interests for this young French farmer.

Representing Finland is Arto Anttila. A student, he has always lived on a 145-acre farm with oats, wheat and barley being the major crops. A member of the 4-H organization of Finland, he is also active in Scouting and Rotary Youth programs. 4-H project coordination, production of corn and wheat and house

hold appliances are on his list of special interests.

Amiram Bar-Tura, from Israel, is a farmer. His farm, all tillable, has 800 acres under irrigation. Wheat, barley, cotton, sugar beets, peas and hay are the crops. He is a member of the Kibbutz Hulda Farming Cooperative, and he lists farm mechanization as a special interest for study while in the U.S.

D. Stuart Collie, IFYE from New Zealand, is a self-employed farmer and has always worked on a farm. Collie is a member of Federated Farmers, New Zealand Federation of Young Farmer's Clubs and Farm Scheme Committee. His special interests include wheat cultivation and harvesting, grain drying and storage, farm mechanization, organization and program planning and leader training.

Miss Shakti Prabha, Nallappa Nallusamy and Suresh Juneja

(Continued on page 10)

Conservation Program Is Every 4-H'er's Responsibility

By Harold B. Harper
Extension Specialist
Soil Conservation
Kansas State University

Any 4-H club member in Kansas, individually and in clubs can accomplish a great deal in the Conservation of Natural Resources program by selecting a portion of this program and devoting some time and effort to the task. Club members who believe our natural resources should be used wisely, replenished for future generations and protected from waste are on the right track. All that is needed is for 4-H members to fulfill their responsibilities through educational efforts and action programs which enlist the aid of other citizens, communities, states and nations in the conservation of soils, water, grasslands, forests, and wildlife.

This is in line with the purpose and goal of the National 4-H Club program in Conservation of Natural Resources to assure a program for progress, enjoyment, and a future in Conservation.

How can 4-H club members become involved in such an all inclusive program? The answer is simple. Select one phase of the overall program and learn as much as possible about it. This may concern soil, water grassland, forests or wildlife, or a combination of any of these. Where you live, what you have to work with, and your own personal likes and dislikes may well determine your course of action. For example, if you live on a farm any of the above phases may be possible. If you live in town, you may be more limited in what you can do or what you can demonstrate. Regardless of where you live—the sky is the limit when it comes to learning about all phases of Conservation. So, if you decide to get the most from this worthy activity, select the phase of greatest in-

terest, work with other club members with similar interest, and by all means secure guidance from competent leaders in order that you might get the most from it.

Just how can 4-H club members cooperate in getting the

ties. Fields and farms vary in value and in the uses to which they can be put, due to the varying productivity of the soil. Learning to judge the soil by being on a land judging team is an excellent way to learn more about soils.

Water conservation has so many angles—it is possible to study this phase of Conservation in many different ways. Water for health, water for crops, water for transportation, water for



RANGE JUDGING is just one of the many facets of the conservation of Natural Resources program. Here a group of 4-H'ers are studying the grassland of their country.

most accomplished? Again, the answer is simple. 4-H club members are accustomed to working together. So, in Conservation, they can help each other in locating conservation problems and assisting in correcting them. After this is accomplished, they will want to tell other people what they have learned about Conservation through demonstrations, talks and other means of communication.

If soil conservation is the phase the club member wishes to pursue then he should learn all possible about the soil on his farm or in the community where he lives. He should learn that soil is a basic resource. Also that land has been and always will be the most important item in our individual and national security. They should also learn that soils differ in their respective abili-

ties. Both are doubly important. recreation — you name it and water seems to be a most important part of any resource program. This can be given as much study and emphasis as soil.

Both are doubly important. The grasslands have been a part of our history study and this phase is endless. I can think of so many ways to emphasize the importance of the grasses, legumes and other pasture plants. Club members can learn so much about the different areas and different grass plants growing in these areas across Kansas. The bluegrass and miscellaneous grasses of Eastern Kansas. The Bluestem region and shortgrass country of Western Kansas. Select the grasses most prevalent for the part of Kansas you live in and learn

(Continued on page 10)

Kansan Inspires First Vietnamese 4-H Fair

Captain Jackson E. Todd, a former Kansas 4-H'er and Kansas State University graduate, inspired the agricultural officials in Vinh Long Province to plan and conduct the first 4-H type fair in Vietnam. The fair was held last year and was attended by some 50,000 South Vietnamese.

Captain Todd spent 1 year "on loan" from the Army working with the U.S. State Department Pacification Program in South Vietnam. He describes "his Province," Vinh Long, as a heart-shaped area 35 miles by 30 miles in the south central Delta area of the country. Nine districts (counties in this country) make up the Province (state).

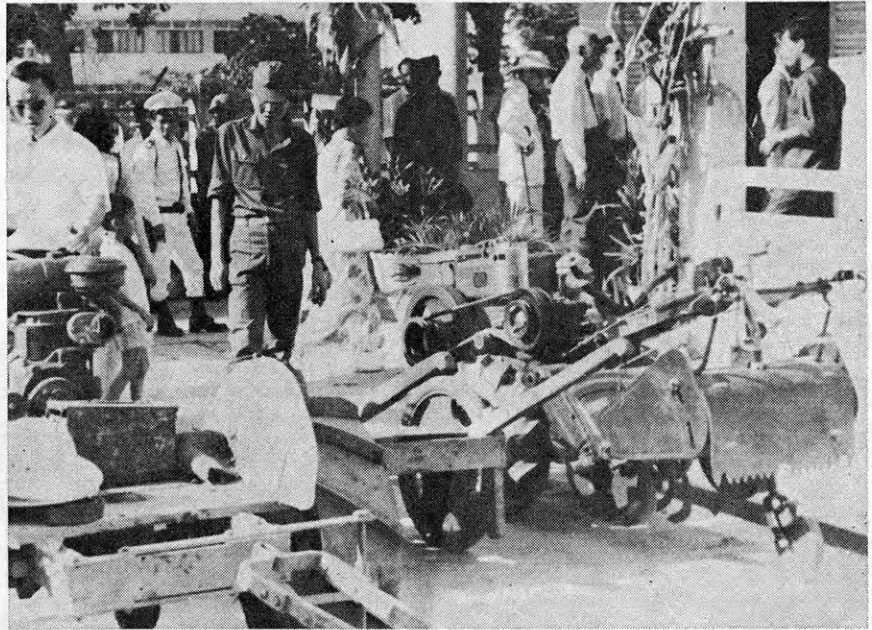
"The Province Fair was the highlight of the year," this 1957 KSU graduate in animal husbandry comments. Todd is the son of Mr. and Mrs. Bryce Todd, Manhattan. He was a 4-H'er in Stanton County, and worked at Rock Springs Ranch two summers supervising the rifle range as a part of his duties.

"I explained our Kansas county fairs to the workers, emphasizing what the event could mean to the youth. I described the exhibits, judging and prizes," Todd relates.

"Can't do it here," was the first reaction from the officials. However after deliberating for some time, they informed Todd "We want to have a fair in July."

From this time on, the Vietnamese agricultural officials took the lead. Captain Todd recalls that he doubted if enough money could be organized to make a Province Fair possible in so brief a time. Mr. Chanh, the Province Agricultural Chief, secured judges (district people) and money for prizes and other expenses from local merchants.

"We visited one district fair," Todd relates. "Each district had a fair in preparation for the



FARM IMPLEMENTS brought from Saigon for the Province Fair captured the attention of the crowd. Most of the implements are homemade at the Fair, which was modeled after Kansas 4-H fairs.

Province exhibits. The girls and boys were lined up in two rows before the school. They were shining clean and dressed in their best clothes. As we walked up the path, the youth repeated the 4-T Pledge, similar to the 4-H Pledge in this country. A large sign identified the event, '4-H Fair'."

Foods, sewing, ducks, chickens, water buffalo, fruits, vegetables and pigs were some of the exhibits. The Vietnamese agricultural workers and Todd joined in discussing the exhibits, pointing out how they could be improved.

Three days before the Province Fair opened, the people began decorating and preparing the exhibits. Todd says that word got back to Saigon that "the first of its kind" was happening in Vinh Long Province. Vietnamese Information Service reporters and photographers went and dignitaries and VIP's from Saigon attended the ribbon cutting ceremony that began the 5-day event.

Judges sat at a table, three working together. Each wrote comments on the exhibit and

gave this information to a man who combined the ratings and made the final placing.

A total of each district's prizes was made and the district with the largest number of awards was honored. The Province Chief presented prizes on the final day.

Todd encouraged visits to farmers and villagers, and was greeted with enthusiastic response. He found that the district agriculture workers, — the Province agriculture chief man, an animal husbandry man and two young women workers — quickly learned the value of working with the people individually or in small groups.

New rice varieties were introduced, fertilizer was used and a pig program was initiated. Todd explains that a farmer took a bred gilt with the understanding that the first litter he would return one pig. Chicken flocks were started.

"We assisted in the construction of more than 100 schools and 60 bridges," the former

(Continued on page 7)

41 4-H'ers Receive Scholarships

Forty-one 4-H club members have been awarded scholarships to continue their education at the college level. The scholarships—15 coordinated by the Kansas 4-H Foundation and 26 presented by the Union Pacific Railroad—are given to outstanding Kansas 4-H'ers.

Fifteen Kansas 4-H'ers are honored with scholarships valued at \$3,600 in recognition of their accomplishments in 4-H, school and community leadership and service.

Dr. Glenn M. Busset, State 4-H Leader, Kansas State University, Manhattan, said the scholarships are a part of the awards program coordinated by the Kansas 4-H Foundation.

Harlan Dustin, Phillipsburg, and James Phillips, Valley Falls, are recipients of the \$350 Harry Darby Scholarships. Alternates are Paula Jones, Brewster, and Marjorie Dahl, Sylvan Grove.

The four \$250 Kansas 4-H Foundation scholarships go to Helen Levret, Goff; Linda Carney, Colby; Cynthia Wilson Hutchinson; and Judith Kneisel, Powhattan. The alternates are Terry Zimmer, Downs; Rise Dale Bell, Lebanon; Margaret Bryant, Manhattan; and Carol Redger, Ashland.

Judy Gillen, Kingman and Tom Gatz; Newton, were awarded the N. T. Veatch scholarships of \$250. Rhonda Pearson, Derby, and Colleen Kelly, Effingham, are the alternates.

Larry Walters, Gas, and June Galle, Moundridge, have the F. W. Woolworth scholarships of \$250. Cathy Ann Mustoe, Elk City, and Ilene Weinbrenner, Lehigh, are the alternates.

Cities Service scholarships for \$250 go to Jeanne Chronister, Abilene and John Bozarth, Liberal. Dean Rice, Horton, and Alice McMunn, Parsons, are the alternates.

Ann Keller, St. Francis is the

winner of the Kansas Electric Cooperatives scholarship of \$100. The alternate is Sharilyn Wyatt, Emporia.

Duane Adams, Schields, received the \$100 Paul Gross scholarship. Lura Story, Winfield, is the alternate.

Darrell Busby, St. Francis, wins the \$200 Kansas Veterinary Medical Association scholarship. David Simmons, Barnard, is the alternate.

Twenty-six Kansas 4-H'ers are 1968 recipients of Union Pacific Scholarships. The \$200 scholarships, usable at any land grant university, recognize outstanding accomplishments of high school seniors in 4-H work including projects, leadership and service.

Each year the Union Pacific accepts nominations for a 4-H'er from each county on the railway route through Kansas. Since the program began in 1922, more than 1,300 youth have benefited from the assistance toward a col-

lege education. Joe W. Jarvis, Omaha, superintendent of agricultural development, coordinates the scholarship program.

The scholarship winners are Marsha Sue Korthanke, Robinson; Pamela Owens, Clay Center; Janice Snider, Abilene; Jeanne Worthington, Tecumseh; Joyce Roesler, Junction City; Mary Eileen Proctor, Soldier; Susan Phillips, Valley Falls; Catherine Millsap, Bonner Springs; Rand Scott, Beverly; Thomas Hall, Oakley; Allen Sippel, Lindsborg; Mary Lou Obermeyer, Beattie; Cynthia Sulsar, Hunter; Larry Wittmer, Bern;

Donna Sigle, Osborne; Lois McKnight, Delphos; Linda Sue Suttles, Emmett; Diane Dempsey, Manhattan; Joelle McCall, Stockton; Donita Seim, Gypsum; Cynthia George, Topeka; Alberta Popp, Studley; David Howard, Oakley; Peggy Sandelin, Wa-Keeney; Sharon Kay Billenwillms, Sharon Springs; and Sharon Lee Kushner, Kansas City.

VIETNAMESE FAIR —

(Continue from page 6)

Kansas 4-H'er says. "The people did the work. The schools were two-room buildings with dirt floors and windows without covers. We supplied cement, steel rods and sand. The bridges were extremely simple, but they were an improvement over the tree trunks used before they were constructed.

"Security was the greatest problem in the work I was doing," Captain Todd states. "The Pacification Program caught on fast in the Province. However, many of the people were sympathetic with the Viet Cong. I can remember that many persons, and sometimes entire families, disappeared overnight as a result of their resistance to the Viet Cong. If the children ran to greet you as you entered a vil-

lage, you could feel some sense of acceptance and security. If no one greeted you, caution was indicated."

"The Vietnamese people appreciate your work with them in family and village situations. The teenagers are the ones I feel offer the greatest challenge. They are willing to accept a change, bring new ideas."

From a 4-H club in Stanton County and the campus of KSU to a farm in North Vietnam, there are many miles of land and water. Captain Todd's story is only one of thousands of examples of how individuals and groups are bridging these miles with understanding and assistance to meet the problems of daily living. In this example, the Head, Heart, Hands, and Health of the 4-H club have been an influence.

200 Attend "Friends of 4-H Day" at Rock Springs



J. Harold Johnson, executive director of the Kansas 4-H Foundation, introduces honored guests at the noon luncheon at "Friends of 4-H Day."



Although a full day of activities were scheduled in Williams Hall, visitors still found time to renew old friendships and make new acquaintances.

Over 200 visitors attended "Friends of 4-H Day" on June 5 at Rock Springs Ranch. The event was part of Kansas 4-H Appreciation Week, June 3-8, and was recognized by Governor Robert Docking, honorary chairman of the Kansas 4-H Foundation.

The program began with registration and a reception in Williams Hall at 9:30 a.m. Most of this time was spent visiting with old friends and meeting new supporters of Kansas 4-H work.

The first formal meeting began at 10:45 a.m., with Glenn M. Busset, State 4-H Leader making the introductory remarks. The new Kansas 4-H movie, "Happiness Is 4-H," was presented to the audience. The film was produced by the Extension Radio and Television Department, Kansas State University, and the Kansas 4-H Foundation.

Donor recognition followed the movie, with the Kerr Glass Manufacturing Corp. receiving an award for 40 years of contributing to the 4-H program. The American Oil Foundation and the Firestone Tire and Rubber Company received 25-year awards.

Contributing 10 years were H. C. Bevelhimer, the E. I. du Pont de Nemours and Company, Inc.,

Ruth K. Huff, the Kansas Cattle Club, Linton C. Lull and the Ralston Purina Company.

Five year donors included Mr. and Mrs. Tom Appleby, Louis A. Baker, Mr. and Mrs. Hugh Boyce, the Eastman Kodak Company, Mr. and Mrs. Merle Eye-stone, Esther L. Felt, Sylvia S. Felt, Paul M. Gross, Paul B. Gwinn, C. E. Holgerson, Harold E. Jones, Charles L. Marshall, Guy D. Mathews, George B. Powers, N. T. Veatch, Joseph L. Wetta and Yingling Chevrolet Motor Company.

A noon luncheon followed, with Balfour S. Jeffrey presiding. Joe Miller, National 4-H Conference delegate, gave the invocation. J. Harold Johnson, executive director of the Kansas 4-H Foundation, introduced the honored guests. Rev. Samuel S. George gave the address, and State 4-H Music Camp Delegates provided entertainment.

Certificates were awarded to Dr. Harold E. Jones, director of the Kansas Cooperative Extension Service, and R. F. Gingrich, KSU Physical Plant administrator for 24 years, for their service to 4-H. Jones and J. Harold Johnson were also presented Key Awards.

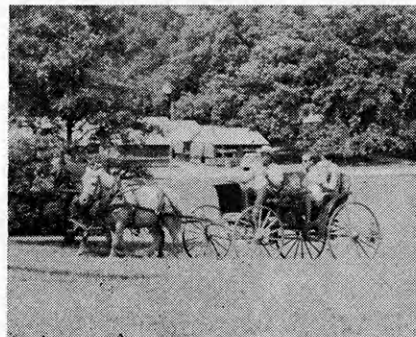
Patti Lampe and John Nagel, 1967 IFYE Delegates from Washington and Sedgwick Coun-

ties, showed slides of their trips to Sweden and India at 2 o'clock.

Two dedications were made at 3 o'clock, to recognize the 4-H work of Kathleen Kay Rosebrook and Mr. and Mrs. Leo D. Ewert. The Beverly Boosters 4-H Club placed a communion set in the Chapel in memory of Kathleen, and the walk from the swimming pool to Williams Hall was named The Ewert Walk.

Visiting and tours around Rock Springs via horse and buggy filled the remainder of the day, with a barbecue at 5:15 concluding the day's events.

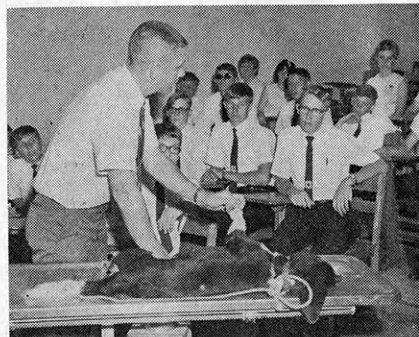
Although the day was hot and sunny, everyone enjoyed the 1968 Kansas Friends of 4-H Day—the day when the Kansas 4-H Foundation shows its many supporters.



A popular attraction was a horse-and-buggy ride around Rock Springs Ranch.

Delegates Attend Round-up At K-State

More than 1,200 Sunflower State 4-H'ers were on the Kansas State University campus June 3-7, as delegates to Kansas 4-H Round-up. Educational high-



Round-up delegates on the KSU campus June 3-7 attended lectures in two colleges of their choice, like this class in the college of Veterinary Medicine.

lights for the teenagers were tours and programs in two of the eight KSU colleges of their choice, and 12 hours of project enrichment study, also chosen by each delegate.

Delegates in every county selected the colleges and topics they wished to explore on Tuesday, Wednesday, and Thursday of Round-up. A talent program by 4-H'ers chosen from recent Regional 4-H Days, appearance of a former Miss America, movies, recreation in the KSU Union, a Thursday night party, concert by the state 4-H chorus, and time to exchange 4-H experiences were on the Round-up schedule.

GOOD LEADER —

(Continued from page 3)

never being able to accomplish anything. This is the "nice guy" that we all like and from all appearances should turn out to be one of the best leaders in the country, but somehow he doesn't make it. He often is chosen as a 4-H leader because people like him, they admire his fine personal qualities, he has empathy for the children, but somehow he does not have that inner hunger to accomplish. Sometimes we say of such a person that he "cannot get organized" but clearly what we mean is that if he really wanted to accomplish in order to enhance his ego, he would be organized. It is this final step of actually accomplishing which empathy alone cannot achieve, and where the assertive quality of ego drive becomes all-important.

A leader with too much drive but too little empathy will bulldoze his way toward prizes, blue ribbons, championships and awards. He will satisfy his ego drive but will often harm the

boys and girls he really means to help, and the 4-H program which provides the vehicle, through his lack of understanding of people. Such a person should really not be a 4-H leader, although a great many persons often considered as successful leaders fall into this group. Nearly everyone has known such a person, not always as a 4-H leader, but also as a parent who is satisfying his ego drive through his children.

The right leader is the person who has empathy and ego drive in the proper delicate balance. These are the qualities that make a good 4-H leader — and they make a good Extension agent and a good administrator, too. Reduced to the simplest terms, the theory of administration says that a man must be able to produce, to get the job done, and he must at the same time be interested in helping the people who work with him to become self-actualizing individuals. It is no more than application of the essential elements of ego drive and empathy in proper proportions.

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CONSERVATION —

(Continued from page 5)

about them. Becoming a member of a range judging team can make you quite knowledgeable on grass.

There's knowledge to be gained from learning about forests too. Without trees where would much of our furniture, wood for our homes, paper products and similar necessities be obtained? Much of our land is best suited to trees. Even our least valuable land can be planted to grass and trees to be utilized by wildlife. It has long been a contention of mine that if all the conservation needs of the land were cared for — there would be plenty of space, cover, food, and water for wildlife.

So, regardless of your interest or which of several phases of Conservation you want to pursue, be it soil, water, grassland, forests, or wildlife, the field is wide open and the sky is still the limit.

Annual Red Circle Auction To Be Held July 19-20

The 17th Annual Red Circle Auction will be held July 19 and 20 at the CK Ranch west of Salina. John J. Vanier, president of the sponsoring Gooch's Best Feeds and Food Products Companies, announced that over 100 head of top quality livestock plus 10 electric portable sewing machines will be auctioned off.

Included in the livestock offering are registered CK hereford heifers, registered duroc and hampshire gilts, registered yearling quarterhorse fillies, steer calves, holstein heifers and ewe lambs. All the bidding and buying at this unique "no-money" youth auction is done with Red Circle Stamps that youngsters have saved from Gooch's products.

Headlining activities on July

19 will be the Achievement Awards event where last year's successful bidders will vie for 28 cash awards totalling \$855 and the Grand Achievement Award of the \$300 Gooch Scholarship. A 4-H club square dancing contest will conclude the day's events, with 4-H groups competing for \$150 in cash prizes.

The Red Circle Auction was founded in 1952 by Vanier to give youngsters the opportunity to purchase top quality livestock for 4-H club project work. Successful bidders must agree to raise their purchase and to submit monthly progress reports, enabling them to gain experience both in the raising and marketing of livestock without substantial capital investments.

IFYE'S —

(Continued from page 4)

are the three Indian exchangees. Miss Prabha considers farming and housekeeping her occupation. She has a B.A. degree majoring in English, French and psychology and a diploma in interior decoration from Polytechnic School. She is a member of Punjab Young Farmers' Association. Her special interests are rural youth programs; agriculture, especially wheat and poultry; rural educational and recreational programs and home science.

Nallusamy has always lived in a farming village and works a partially irrigated farm with sugarcane and rice as major crops. Oxen and buffaloes are the livestock. This young Indian has a law degree from Madras University. He is a member of Village Youth Club, International Youth Hostel Association and YMCA.

A farmer, Juneja has always lived on a farm or in a farming village. The major crops are wheat, chick-peas, potatoes, sugarcane, maize, rice and mustard. He is a member of a sugar-

cane cooperative society and youth organizations. His special interests, while in the United States, are rural youth programs; agriculture, especially wheat and corn; and rural community life and activities.

The National 4-H Foundation of the U.S. coordinates the IFYE program with other participating countries. The Kansas 4-H Foundation has the IFYE program as one of its many projects supporting the Kansas 4-H program.

Fun Page Answers

1. TOP
2. TOYS
3. TOTAL
4. TONGUE
5. TORNADO
6. TOGETHER



Catfish May Be New Farm Crop

by

Fred M. Parris
Assistant Extension Editor
Kansas State University

Production of channel catfish in land-locked Kansas promises to become a multi-million dollar a year industry for the Sunflower State and a new avenue of income for enterprising farmers and ranchers.

The big money, many Kansans believe, is in raising the fish for food markets and providing fee fishing opportunities for tourists and recreation seekers.

Three State scientists are doing research which strengthens the feasibility of a prosperous catfish industry for Kansas. Two of them are Kansas State University researchers—Dr. Otto W. Tiemeier, a zoologist, and Dr. Charles W. Deyoe, a feed grain specialist. The third is Seth Way of the Kansas Forestry, Fish and Game Commission who has perfected a method of hatching channel catfish by the millions.

A highlight of the research to date is the development of economical, high-protein catfish feed pellets. The formula for the pellets—which consumers say give the fish a delicious taste—was developed by the University Department of Grain Science and Industry and tested in the laboratory ponds.

The high protein content of the pellets decreases fat in the fish—a boon for weight conscious folks and those who like

their meat lean. But animal protein is expensive. So the K-State scientists set about whipping that problem.

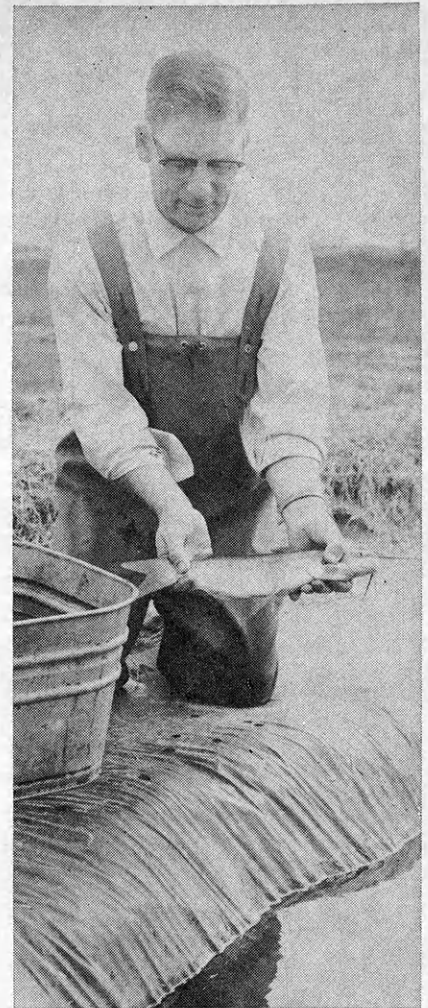
“We have found we can substitute plant proteins for most animal proteins in the formula and thereby lower production costs of the channel catfish,” Dr. Tiemeier says.

Only two pounds of pellets are required to produce one pound of gain on the fish—a cost of less than 10 cents per pound gain.

Commercial catfish producers in Kansas—and they are increasing steadily—don't have to look far for markets. There is a ready challenge to supply the market waiting in Kansas and adjacent States. Large chain store meat managers are convinced there is a need for fresh fish on the Kansas food market and popular eating establishments throughout the State are advertising fresh channel catfish as one of their specialties.

Development of the catfish industry means new profits for other Kansas businesses. The feed manufacturing industry is one of them. One feed firm manufactured and sold 250 tons of catfish pellets made from the K-State formula. The owner predicts large sales for this year.

Many Kansans are raising fingerlings for sale to pond



Dr. Otto Tiemeier exhibits one of the thousands of channel catfish being used in research.

stockers. Two to four-inch catfish sell for 7 to 10 cents each when bought in quantities of 10,000. The price, of course, is flexible.

Fee fishing, a sport where anglers pay as high as 98 cents a pound for fish they catch, is another profitable segment of the industry. The thrill of “landing 'em” themselves is steadily growing in popularity among tourists and area families seeking outdoor recreation.

Dr. Glenn H. Busset, Kansas State 4-H Club Leader, says enterprising youths can help pay for their college educations with well-managed fee fishing farms. He points out that youths can net \$250 a year on a single 1 acre pond.

Just about any way you look at it, commercial fish farming looms as a money-making industry in Kansas' backyard.

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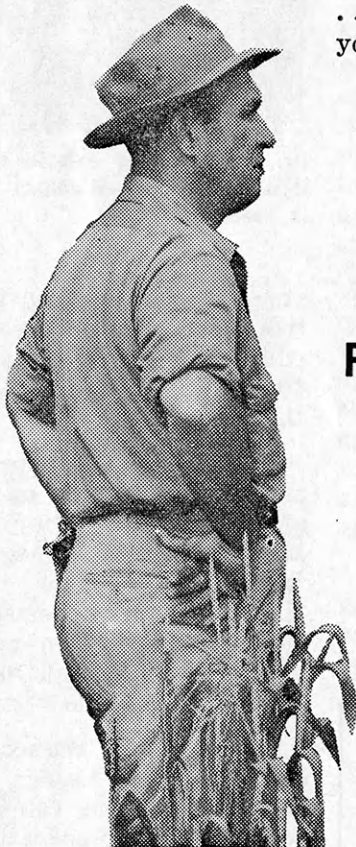
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Play It Safe With Pesticides

By Kay Jensen

4-H'ers, play it safe and be careful when using all pesticide-chemicals. Use your head and protect your health by taking necessary precautions while preparing pesticides to use, while using them and after you have finished using them.

Protect your hands and all of yourself as well as others. Have a heart and be considerate of other people and animals.

Pesticides are chemical agents used to destroy insects and other pests in the house, yard, garden and field. Do not inhale or swallow them, and keep them out of reach of children.

If there is a pesticide-chemical accident, the following are good first aid instructions:

For contamination of skin and clothing —

Drench skin with water.

Apply stream of water on skin while removing clothing.

Wash thoroughly with soap and water; preferably take a shower.

Check with a doctor if irritation or other symptoms occur.

If a chemical is swallowed—

Check the label and follow suggested antidote.

Call a doctor and give the name of the chemical swallowed.

Keep the patient quiet.

Give drugs only as doctor directs.

For inhaled chemicals—

Remove to fresh air immediately.

If a difficulty in breathing occurs, contact a doctor.

Go to emergency room of the local hospital.

Give artificial respiration if breathing has stopped.

(This is Kay's second article on Health to be published in the 4-H Journal. Her first was last month, and explained how to prepare a first-aid kit.

Family Fun Page

Fill in the blank spaces to complete a word that matches the definition below.

1. TO —
Highest part
2. TO — —
Playthings
3. TO — — —
Full amount
4. TO — — — —
Use for tasting
5. TO — — — — —
Storm
6. TO — — — — — —
With each other

Question—What Keys won't open a door?

Answer—**Monkeys.**
Ellen Shipman
Girard, Kansas

Lady — A train has just been here.

Man—How do you know?

Lady—I can see its tracks.
Karen Fulmer
Belvue, Kansas

Ronnie — Why does tradition state that a cowboy is supposed to die with his boots on?

Donnie—So he won't stub his toes when he kicks the bucket.

Joni Berland
Palco, Kansas

Q: What is the last thing a Cowboy puts on his horse?

A: Himself.

Roger Johnson
Virgil, Kansas

Traffic Cop: When I saw you driving down that road I said to myself, "Fifty-Five"; at lease!

Woman Motorist: Well, that's not right. It's only this hat that makes me look that old!

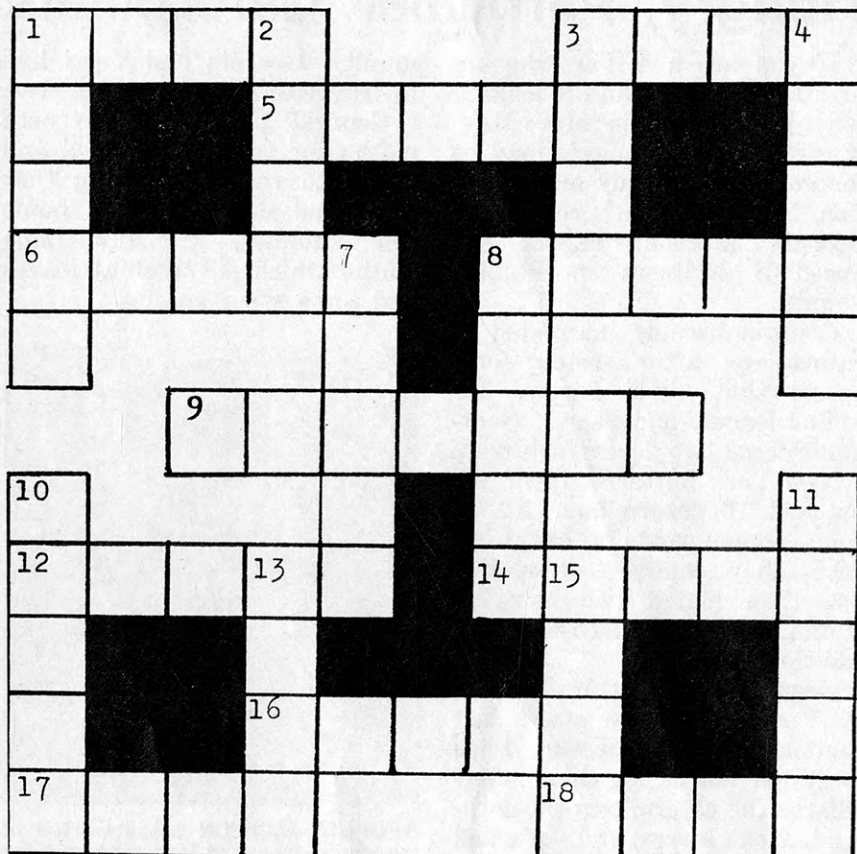
Susie Kearney

Gardner, Kansas

The Journal Needs More Jokes for the Family Fun Page. Please Send Your Best Joke to:

Kansas 4-H Journal
Umberger Hall, KSU
Manhattan, Kans. 66502

Crossword of the Month



ACROSS

1. Relate
3. Used for carrying food
5. Rage
6. Bottom of a pie
8. What plants come up from trees
9. Large section of fruit trees
12. Large clumps of dirt
14. Have faith in
16. Short letters
17. What clock tells
18. Not wild

DOWN

1. What a train runs on
2. Young girl (Scottish)
3. What is planted on Arbor Day
4. Leavening agent for making bread
7. Small nails
8. On an incline
10. Boy and Girl (organization)
11. A small rock
13. Finished
15. Orange-brown coating that forms on metal

Fun Page Answers on page 10

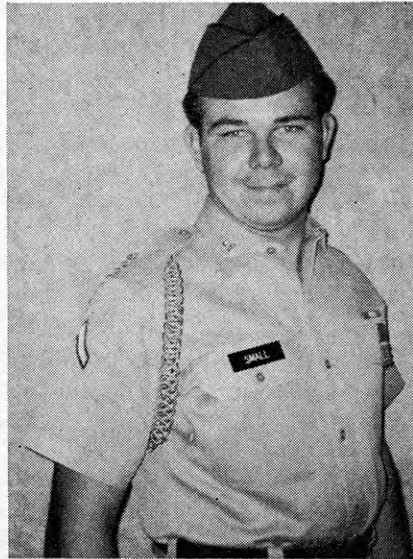
Reno County To Establish Memorial For Kansas 4-H'er

A memorial for Pfc. Norman E. Small, who was killed in action in Vietnam April 5, 1968, is being established by Reno County. Small was a member of 4-H for 10 years, joining the Walnut Willing Workers in 1955.

Small's projects over these years included rabbits, garden, foods, beef, milo, pigs, tractor, auto, electricity, guns sportsmanship and Junior Leadership. He also had been a leader in a local sportsmanship club, serving as vice-president, and helped in any community activity where he was needed. He was a member of the Reno County Junior Leaders, the 4-Aces and the Reno County Council, serving as president in 1964. He was County Health Champion and attended Round-up in 1964. He was a County Champion in rabbits and garden for two years each.

In a letter he sent to his 4-H club at Christmas, Small mentioned how much 4-H had meant to him, and how much he and his buddies appreciated the candy and letters sent from home.

Bonnie Bennett
Reporter



Kansas 4-H'ers Plant 18,500 Black Walnuts

More than 18,500 stratified black walnuts, planted this spring by 740 Kansas 4-H'ers, promise to yield nuts, wood and natural beauty in the future. The project is the dual effort of the state 4-H department at Kansas State University and the American Walnut Manufacturers' Association, Kansas City.

In the initial year of the project, county Extension personnel and the district Extension foresters provided the information for 4-H and other youth groups. Plans for next year will tentatively involve all counties in the state's walnut growing area, usually considered the eastern half of the state.

Etymology Project Produces Hungry, Particular Caterpillars

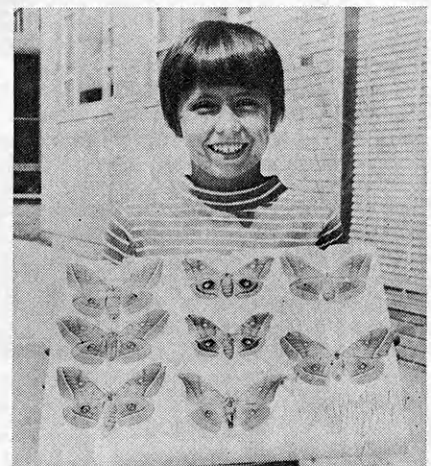
If you are a 4-H'er who enjoys the outdoors and is looking for a project that is interestingly different, entomology may be for you. Insect study and collection is the chosen project for Georgia Jackson, 11, of the Speed S Kyliners in Phillips County.

Georgia became interested in entomology after seeing some moths that Terri Eisley, her junior leader, had raised. Georgia ordered two dozen eggs from a New York butterfly farm and hatched 16 caterpillars. All 16 spun cocoon and in about 25 days, they emerged as moths. She then mated two pairs of moths, which produced over 500 additional eggs.

Georgia gave half of the eggs to Terri, and they spent last summer going on weekly trips to gather leaves for their caterpillars. The caterpillars eat nothing but oak leaves, and since oak trees are a rarity in their com-

munity, Georgia and Terri had to travel 15 miles to find leaves.

Georgia plans to use these moths for trading material and wants to raise something that eats food nearer to her home this summer, probably Luna moths which eat Walnut leaves and some other species.



GEORGIA JACKSON exhibits a few of the moths she raised for her entomology project.

New 4-H Club Officers Give Different Setting

Are your 4-H meetings the same each month? Why not try something a little different? That's what the Busy Bugs 4-H Club of Linn County did recently. Five minutes before the meeting was to start, names were drawn out for the officers for the evening. The names were from the Senior and Junior Officers. The Community Leaders had prepared sheets of paper for each officer with the needed information they would need to carry on the meeting for the evening. Every one knew this was going to be done so they had a chance to observe the officers in action at the previous meetings.

Jimmy Barnes
Reporter

Collegiate 4-H'ers Gain Recognition

Four Kansas State University Collegiate 4-H Club members have been named "Honored Seniors." The four are Virginia Munson, Junction City; Nina Felbush, Abilene; Larry Kohl, Wichita; and Bill Wood, Syracuse. Sandra Tollefson, Everest, and Marlyse Milburn, Rolla, received honorable mention.

Miss Munson served as reporter, secretary, member of the membership committee and with the Kansas State Fair food stand operated by the Collegiate Club. She is a former Geary County 4-H'er.

Miss Felbush a former Dickinson County 4-H'er, was corresponding secretary, co-chairman of the membership committee, and she worked on the 4-H in Review, the September issue of the Kansas 4-H Journal.

Kohl has served as president, marshal, corresponding secretary, co-chairman of the membership committee and editor and business manager of the 4-H in Review. He is a former Sedgwick County 4-H'er.

Wood, a former Hamilton County 4-H'er, has been president, vice president, Agricultural Council representative, marshal and layout editor of the 4-H in Review.

Two New Faces At 4-H Foundation

J. Harold Johnson, executive director of the Kansas 4-H Foundation, recently announced the appointment of to new Foundation staff members. William M. Riley, Jr., was named assistant director of the Foundation and Robert E. Judd was appointed editor of the **Kansas 4-H Journal**.

Riley will assist with the over-all Foundation program, including Rock Springs Ranch. A 1963 graduate of Kansas State University in physical education, Riley has taught school and coached at Junction City and Salina.

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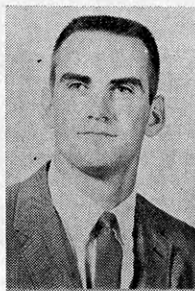
LEARN A TRADE. Approved retail grocers-GI. Southwestern College of Meat Cutters, 1301 South May Ave., Oklahoma City, Oklahoma 73108

Free toy pattern with Fancyfemales, Northbend, Nebr. 68649 Crafts, hobbies, homemaking. 40c Yearbook—\$1.00

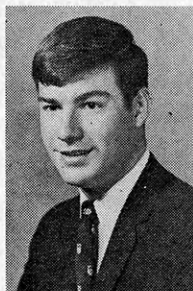
EVERLASTING FENCE POSTS—3c each. Simple brush on Formula—\$1.00. CER-UNION, Phillipsburg, Kansas 67661

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William M. Riley Jr.



Robert E. Judd

Judd will graduate from Kansas State University in August with majors in journalism and wildlife conservation. He is from Cottonwood Falls.

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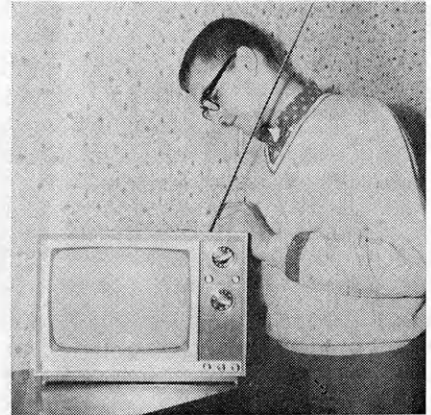
Electricity Works for David Cook In the House and Out-of-Doors

David Cook, 16, has put electricity to work for him both indoors and out. Whether it is a television for use in the house or an outdoor light to illuminate the yard, David's projects are a beneficial contribution to the Cook farm.

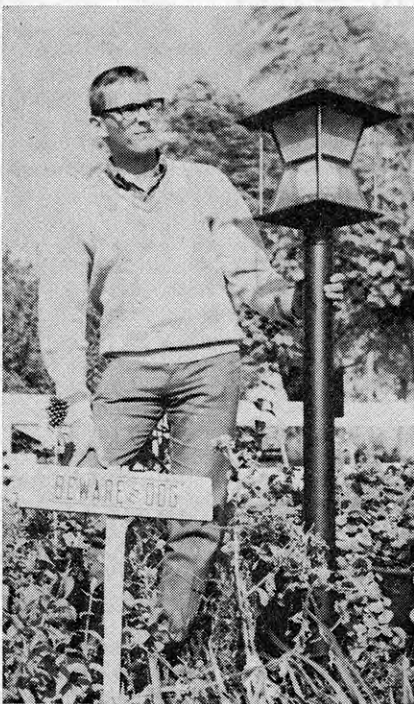
A 4-H'er for six years, David is a member of the Willowdale 4-H Club in Dickinson County. In addition to advanced electric, his projects include

breeding heifers, baby beef, cow and calf, wheat, horsemanship and Junior leadership. David is the son of Mr. and Mrs. John D. Cook, route 1, Abilene.

Besides the projects pictured, David has also built a switch panel which controls all the electrical equipment in his bedroom, including a shortwave receiver he built from a kit.



Operating on a 115 A.C. or a 12 volt battery, David's kit-built transistor T.V. earned him a purple ribbon at the State Fair.



Whether in town or the country, yard lights are worthwhile and attractive projects. To warn nighttime visitors of the family dog, David made and installed this yard light. He built the top from a kit.

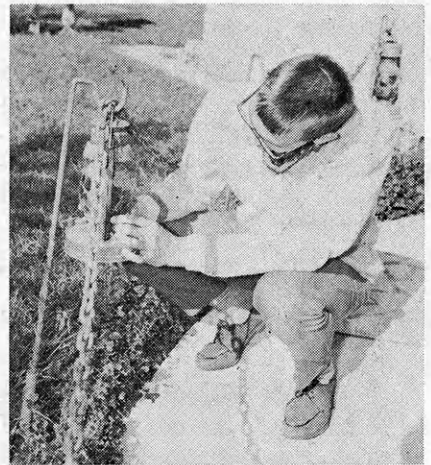
Make Electricity Your 4-H Project

David's projects illustrate just a few of the many useful articles you can make for the farm and home. In today's

rapidly changing world, modern citizens rely on electricity. Begin your electric project now.



For light in those out-of-the-way places, David built this portable utility pole with two 115 volt outlets and 150 feet of cable.



When his neighbor built a cement patio, David installed the underground wiring with five outlets for five patio lights.



* Watch This Page For Ideas On Farm And Home Electric Projects

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Kansas City Power & Light Company

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