

Summer 6-28-1968

Maine Campus June 28 1968

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**No way to
treat a lady**

Bossy and her friends were
pretty busy this week as 200
Future Farmers of America
arrived on campus for the
FFA State Convention.

FFA speaking contest; clear up, conserve, educate

In the Future Farmers of America Speech Contest Tuesday evening Wayne Smith received a \$100 Award for first place, Larry Perry won the second place award of \$50, Miss Janice Hartwell placed third for a \$25 award, and Eugene Harris and Blair Bubar won honorable mention awards of \$10 each.

"Who cares?"

"Who cares?" was the title of Wayne Smith's speech. Smith, a student at Caribou High School, stated that 3 and one-half million people will starve this year—mostly children. He added "every night while we're home watching TV or reading a newspaper more than two billion people go to bed hungry." Also, our food surpluses are being depleted, yet by the year 2000 our population will have doubled. "When we put these factors together we come up with one of the greatest challenges ever faced by agriculture—feeding a starving world."

Per capita food production this past year dropped as much as 5% in the developing regions of Africa, Latin America, and the Far East, continued Smith, yet in the next hour our population will increase at the alarming rate of 7000 people.

He quoted the *Bangor Daily News* as saying on April 23, 1968 "There is concrete evidence of chronic hunger and malnutrition in all parts of the United States, primarily in the South. If you look, you will find America is a shocking place." Einstein said, "We must be mindful that freedom and peace cannot co-exist with hunger;" and the late President Kennedy "... so long as two-thirds of the world has food deficits no citizen, no nation can afford to feel satisfied or secure. We have the ability, we have the means, we have the capacity to eliminate hunger from the face of

the earth. We need only the will."

To solve this crisis Smith said that we must develop better farming techniques, better fertilizers and chemicals, and better distribution methods. It has been said with considerable evidence that more progress has been made in agriculture during the past fifty years than was made in all previous recorded history. In order to promote world peace and better living conditions for millions around the world this progress must continue, said Smith. "Let's thank God that we're not among the starving masses of the world, for if we were, we might have been among the 115 people who died while I was giving this speech. Think about it?"

educate

In his speech "Education, Strength of Agriculture," Larry Perry told the FFA delegates that education is the reason why agriculture is the biggest industry in the United States, with a membership that includes farmers, ranchers, distributors, processors, researchers, and people in other related fields.

Formal agricultural education is relatively new in our country, said the Presque Isle High School student, it began with the Morrill Act in 1862. With passage of this act, land grant colleges opened their doors to agriculture students. These same colleges were later responsible for such developments as the experimental stations, extension programs, and agricultural education programs at the elementary and secondary levels.

The Extension Program was one of the first efforts to provide training and assistance to farmers and their families, said Perry. The Grange and 4-H were also organized to train

(continued on page 6)

the maine



CAMPUS

Number 3

Orono, Maine, June, 28, 1968

Vol. LXXI

Over 200 attend

FFA Convention features contests

Over two-hundred Maine Future Farmers of America arrived on campus Tuesday, June 25, for the annual two-day Maine Future Farmers of America convention. The delegates, representing Maine's 16 local chapters, registered Tuesday morning for the convention's busy schedule of contests, speeches, officer elections, and award presentations.

Following registration the delegates were addressed by Richard Jones, New York, vice president for the North Atlantic region. After the address there were state officer candidate interviews, land judging, poultry judging, rope splicing, and raft-er cutting, contests; the state electrification contest sponsored by the Electric Service Companies of Maine, and the State Cooperative Quiz contest.

State FFA officers who presided over the meetings were: Wayne D. Smith, Caribou, president; Vinal L. Speed, East Corinth, vice president, first district; Frederick A. Edgecomb, Limestone, vice president, northern district; Michael I. Umphrey, Washburn, secretary; Jeffrey L. Hamphill, Easton, treasurer; James A. Alexander, Bridgewater, reporter; and Conrad L. Edgecomb, Limestone, sentinel.

Guest speaker at the convention was Richard Jones, 20, national vice president from Hamilton, New York. Jones was elected to his position at the national FFA convention in Kansas City, Missouri, last October. He also is past president of the New York State FFA chapter. Presently he is a stu-

dent of agricultural education at Cornell University.

Tuesday evening at the FFA state awards banquet Larry A. Perry, 18, of Presque Isle became the Maine Future Farmers of America Star State Farmer for 1968. Perry, the son of Mr. and Mrs. Alton J. Perry of Presque Isle, received a \$200 cash award for his achievement. In addition to growing potatoes for a certified seed program, and conducting a poultry program, Perry is an honor student, an accomplished musician, and has served as an officer and committee member in local and county FFA and 4-H Club organizations.

FFA Foundation Award certificates, and \$100 cash awards, were presented to James A. Alexander, Mars Hill, agricultural mechanics; Paul Thompson, Limestone, crop farming; Galen Larrabee, Knox, dairy farming; Gregory Grass, Mars Hill, farm and home electrification; Shawn B. Smith, Mars Hill, forestry; Richard Porter, Mars Hill, livestock farming; Keith Antworth, Mars Hill, placement in agricultural production; Larry A. Perry, Presque Isle, poultry farming and Blair P. Bubar, Mars Hill, soil and water management.

Chapter Achievement Awards went to the Limestone, Mars Hill, and Presque Isle chapters. The Chapter Safety Award for promoting chapter safety, farm inspection and safety hazard correction, and cooperation with other community groups, was presented to the Mars Hill Chapter.

Breakfast, briefing mark start of Summer Theatre

The actors, technicians, and directors of the University Summer Theatre met together for the first time Monday, June 24, at a Continental Breakfast in Memorial Union. After breakfast members of the company were briefed on the summer program by James Barushok, assistant professor of speech at the University and Managing Director of the Summer Theatre. Neal Fenter, an instructor in speech, then announced that tryouts would be held immediately in Hauck Auditorium for his production of *Blithe Spirit* by Noel Coward, which will be presented July 10-13.

In addition to *Blithe Spirit*, the theater group will stage *Luv* by Murray Schisgal which will be directed by Philip Hayes, a graduate student in theater at the University, and *The*

Knack by Ann Jellicoe which will be directed by Byron Avery of Castleton (Vt.) State College. A. E. Cyrus, assistant professor of speech at the University, will be the designer for all three productions. Thomas Furman will serve as technician-director for the group. Furman, a former Maine student and member of the Maine Masque, is now teaching at Stephens High School in Rumford.

Other members of the company who will serve as both actors and technicians are Mary Dawn Ames (U. of Maine) Brewer; Steve Nasuta (Castleton State College) Fair Haven, Vt.; Jeffery Carter, (Aroostook State College), Easton, Maine; Caroline Dodge (U. of Maine), Machias, Maine; Alden Flinders (U. of Maine) Orono;

(continued on page 2)

State Farmer Degree certificates were presented to Darrel F. Smith, Caribou; Guy W. Piper, East Corinth; Paul G. Thompson, Limestone; Blair P. Bubar, Gregory L. Grass, and Jay V. McCrum, all of Mars Hill; Galen Larrabee, Knox; and Jerry Collins, Elbridge A. Giggie, Edgar O. MacBurnie, Larry A. Perry, and Daniel W. Stewart, all of Presque Isle. The Star District Farmer Award was presented to Galen Larrabee of Knox.

Teachers meet for NDEA History Institute

Forty secondary school teachers, 15 from Maine and 25 from thirteen other states, arrived on campus Sunday for the Summer Session Institute for Advanced Study in American History. The June 24 to August 9 Institute is under the direction of Dr. Ronald F. Banks, assistant professor of history and assistant dean in the College of Arts and Sciences.

The formal program for the Institute consists of two courses: Hy 200-New Viewpoints in American History—which studies new interpretations and viewpoints of such historical problems as Puritanism, The Constitution, Jacksonian Democracy, the Civil War, and the Populists; and Hy 201-American History and Economic Concepts—which utilize the case book method, a laboratory project involving high school students, and an audio-visual workshop in studying the integration of history and economics.

In addition to the daily history classes, students will hear nationally distinguished educators and historians speak as part of a Wednesday afternoon "Special Lecture Series." Lecturers include: Dr. Bruce Mazlish, Professor of History, Massachusetts Institute of Technology; Dr. Louis Hartz, Professor of Government, Harvard University; and Professor Seymour M. Lipset, Department of Social Relations, Harvard University.

Assisting Dr. Banks in the NDEA Institute are: William Matson, administrative assistant, University of Maine; Dr. Arthur M. Johnson, Harvard Graduate School of Business Administration; Dr. Herbert J. Bass, Temple University; Dr. James Hern Henderson, Oklahoma State University; and Dr. Charles Scontras, University of Maine.

the maine

CAMPUS



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Theatre

(continued from page 1)

Susan Peck (U. of Connecticut), Potsdam, New York; Gary Sweatt (U. of Maine) Farmington; David Weatherbee (U. of Maine) Dover-Foxcroft; Lynda Fenter (U. of Maine), Orono; and Lewis Perkins (U. of Maine), Brewer.



News-Worthy

William Worthy, Jr., news writer - news maker, will be the journalism department's Peter Edes Lecturer this fall.

William Worthy to be guest lecturer this fall

Newsman William Worthy Jr., who has himself often been the subject of dispatches in the national and world press, will be the Peter Edes Lecturer in Journalism at the University of Maine's Orono campus this fall. Worthy will spend a week on campus from September 30 to October 5 as a special lecturer in the journalism department. This is the third year that the Peter Edes Lectureship has been part of the journalism program and is planned to give students an opportunity to meet newsmen from other parts of the country.

A graduate of Bates College, Worthy is a former Nieman Fellow in journalism at Harvard University (1956-57) and Ford Foundation Fellow in African Studies (1959-60).

In 1960-61 he made four fact-finding trips to Cuba with the fourth in the face of a U.S. ban on travel to that country. His subsequent indictment, prosecution, conviction, appeal, and eventual acquittal resulted in strong editorial support for Worthy from leading newspapers and columnists.

The individual's right to travel and the freedom of the press issues raised by Worthy were the subject of a CBS-TV network program, Yankee Come Home, on The Defenders' series May 2, 1964. On assignment for Time, Inc., in 1960 Worthy was a member of the reporting and camera team that produced the documentary "Yanki No!" which was televised over the ABC network.

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Freshman orientation continues as 169 students visit University

Following registration Monday morning and a lunch at West Commons, the 169 students and their 126 parents and guests met at 1:15 p.m. in the Hauck Auditorium where they were addressed by Winthrop C. Libby, who became acting President of the University on July 1. Following Acting President Libby's opening comments, the students were addressed by Merrill D. Bartlett, Assistant Dean, College of Business Administration.

Monday afternoon the students met with representatives of the ROTC and athletic departments, toured the campus in a university provided bus, and met individually with selected

faculty for pre-program planning.

Tuesday morning Dean John E. Stewart, Dean of Men, met with the incoming male students and their parents. Incoming freshman girls met with a member of the freshman orientation staff for a discussion "The Woman Student on Campus."

While attending the orientation the parents and their guests stayed at Hancock Hall, male students at Corbett Hall, and Female students at Hart Hall.

After lunch at West Commons Tuesday noon the students and their parents were invited to tour the university's newly acquired South Campus at Dow Air Force Base.

And only French will be spoken

From June 26 to August 13, 45 students pledged to speak only French to each other will reside on the University campus as members of the NDEA Foreign Language Institute for Recent Graduates Preparing to Teach. In addition to attending classes for which they can receive credit at the University's Graduate School, the students will both teach and observe two demonstration French classes for school children in grades eight through 10. These classes will meet Monday through Friday from 9:05 to 9:40 beginning July 1 and ending August 9.

The Institute Director, Dr. E. Wesley O'Neill, Professor of French at the University, stated that several field trips have been planned including a trip to Quebec which will enable the Institute participants to use French in a natural situation.

The program is supported by an award from the U. S. Office of Education under provisions of Title XI of the National Defense Education Act. The participants are chosen on a national geographical basis and represent 22 states.

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High School Debate Institute will discuss manpower defense system

One of the vital problems presently facing the United States is the subject of two weeks of intensive study by a group of 14 high school students at the University. These 14 students are participants in the second High School Debate Institute, which is directed by Rodney Douglas, an instructor in the speech department and formerly the director of men's debating at Pennsylvania State University.

At the Institute, which began Monday, June 24, and will end July 5, the students are studying the problem of how the United States can best maintain manpower for an effective defense system. The purpose of the program is to acquaint high school debaters with the general area from which high school debate topics may be taken and to introduce them to the principles and techniques of argumentation and debate. During the morning sessions they will study the topic and the theory of debate, and in the afternoon they will apply what they have learned through practice debates. The students will also study different kinds of speaking, such as discussion and extemporaneous speech. There will be no outside lecturers; information the students gather will be completely the result of their own research.

The participants and their high schools are Richard Berry (Old Town High School), Old Town; Robert Berry (Old Town

High School), Old Town; Timothy Brewster (New Hampton School, New Hampton, New Hampshire), Meredith, New Hampshire; Judith Dalton (Orono High School), Orono; Daniel Doyon (St. Joseph Seminary, Bucksport), Auburn; David Hersey (Stephens High School, Rumford), Rumford; Cynthia James (Shrewsbury High School, Shrewsbury, Massachusetts), Shrewsbury; Michael Ladam (Keene High School, Keene, New Hampshire), Keene; Joel McCarty (Keene High School, Keene, New Hampshire), Keene; Carl Mollman (Orono High School), Orono; George Moore (John Baptist High School, Bangor), Ellsworth; Claire Parker (Old Town High School), Costigan; Annette Ross (John Baptist High School), Bangor; and Therese Roy (St. Dominic High School, Lewiston), Lewiston.

Final Exams

Final Examinations for three-week courses, June 17 to July 5 are optional with the instructor and are held Friday, July 5, in regular classrooms as assigned.

Classes are held at the usual time Friday, July 5, in those courses which do not require examinations.

Classes will be held as usual, Thursday, July 4.

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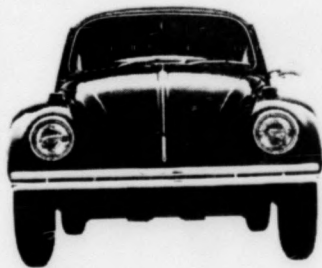
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Romanos Rizk exhibits paintings in Hauck Lobby



Thirty paintings by Romanos Rizk are now on exhibit in the Hauck Auditorium lobby as part of the 1968 Summer Arts Festival. The paintings, done with acrylic-polymer combined with collage, are on exhibit through the courtesy of the Shore Galleries, Boston, Mass.

Rizk, a frequent exhibitor in Boston, New York, and other New England art centers, has for the past 18 years maintained a residence and studio in Provincetown, Mass. He has taught painting classes in New York City, Providence, Rhode Island, and Hyannis and Orleans, Massachusetts. For the past five summers he has taught at the Romanos Rizk School of Painting in Provincetown, Mass.

Says Rizk of abstract work, "There are still many people today who state they do not understand abstract or non-rep-

resentational painting. It appears to me that the understanding of a representational or non-representational work of art is generally very similar. Aside from the story-telling quality of representational painting, both styles contain the same elements, such as: line, shape, form, color, and texture. A sensitivity to these elements and their arrangement is necessary to truly appreciate a work of art."

Rizk adds that looking at a painting should be done in the same manner as listening to music—with a quiet, receptive mind, so that what the work of art has to communicate may be felt. "The more sensitive and receptive one is, the wider is one's range of understanding and appreciation."

The exhibit will be in the Hauck Auditorium lobby from now through August.

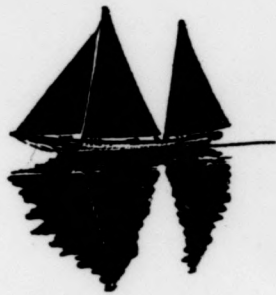


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University receives grant to study water pollution

The University of Maine has been awarded a grant of \$48,109 for research aimed at alleviating conditions which cause pollution in large reservoirs or lakes.

Receipt of the grant, for the period from May 1, 1968, to April 30, 1970, was announced by U. of M. President Dr. Edwin Young. Principal investigator for the research will be Dr. S. A. Zieminski, professor of chemical engineering. Sponsor of the grant is the Federal Water Pollution Control Administration, U.S. Department of Interior.

The research will include the mixing of various "layers" of water in reservoirs or lakes through the use of compressed air so that oxygen will reach the organic material which piles up at the bottom of that body of water. The resulting mixing, oxygen supply and improved surface aeration will provide the entire body of water with the oxygen necessary for oxidation of the waste organic matter and a reduction in the pollution of the body of water treated.

The first phase of the research will be to find out how much air should be introduced and at what place and depth of water in order to achieve the required effect for a given size, shape and depth of the body of water, according to Prof. Zieminski. Much of this early research will be done in large tanks of water situated in laboratories on the Orono campus.

Once this information is obtained, the researchers plan to conduct field tests in larger water reservoirs or lakes in Maine.



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According to Prof. Zieminski, organic matter of natural and industrial origin tends to settle at the bottom of large bodies of water and its oxidation is responsible for this depletion of oxygen in the bottom layers. Although the warmer upper layer contains plenty of oxygen, poor mixing does not allow this oxygen to be transferred to lower layers to replenish the deficiency.

Eventually all oxygen is used up and the resulting anaerobic conditions lower the water quality. Formation of hydrogen sulfide as well as sulfides of iron and manganese takes place and the carbon dioxide concentration increases, Prof. Zieminski says.

This anaerobic decomposition can produce undesirable organics, imparting bad taste, odor and occasionally toxicity to the water. The organic matter piles up on the bottom and gradually the body of water be-

comes smaller and shallower, according to Zieminski.

The introduction of compressed air in appropriate places in a body of water, in addition to providing oxygen, results in precipitation of iron, reduction of carbon dioxide and improvement of color, according to Prof. Zieminski.

Tests have shown that the use of compressed air for mixing of large bodies of water is an inexpensive and simple method. However, very little is known about the design and efficient use of this mixing system, Dr. Zieminski adds.

"We do not have sufficient basic information to be able to predict from the results of one case the possible results in another case," he noted.

Martin E. Ray of Media, Pa., a NASA trainee in chemical engineering at the university, will work full-time on some theoretical aspects of the problem as part of his doctoral investigation.

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Trustees name acting president and chancellor

Pending the naming of a chancellor for the newly consolidated University of Maine, two officials of the state colleges and former university have been named as joint administrators for the combined system, Dr. Lawrence M. Cutler, Bangor, president of the board of trustees, said Thursday.

Winthrop C. Libby, vice president for public services, who will become acting president of the Orono, Portland, and Augusta campuses about July 1 and Dr. Melvin G. Scarlett, president of Farmington State College, chairman of the Maine State College Administrative Board, have been

named to handle the administrative functions of the chancellor's office on a temporary basis, Dr. Cutler said.

He also said that Herbert L. Fowle Jr., vice president for administration and finance of the former university, and Paul A. Judkins, business manager at Farmington State College, have similarly been named financial officers to handle budget matters and other financial details for the combined system.

The Council of Presidents, comprised of the presidents of the five state colleges and the former university, has been holding meetings and is becoming increasingly active, Dr. Cutler said.

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students and farm groups to provide leadership and education for the people who are responsible for feeding Americans.

In 1928 the Future Farmers of America was organized. This group, which was to become the largest and most influential farm youth groups in America, provided a bond between boys in all states who were associated with vocational agriculture.

In the future farms will be much larger and have an abundance of electronic equipment, said Perry. "University and private businesses will set up huge computers to accumulate large quantities of farming information from all over the world which will be available to the individual farmer by phone." Electronic sensors and infrared photography will help farmers detect crop temperatures, dryness, and diseases. Also, great domes of glass or plastic may be erected

to allow controlled environment for raising animals.

Perry stressed the need for more agricultural education facilities because "the farmer agriculturalist of the future, regardless of his major field, will need more than ever the assistance that modern education can offer." The farmer of the future will have to cope with the management of large sums of money, with the making of political decisions as a member of a small minority, with the production of an abundance of economical, wholesome food, and with the tremendous risks of weather, disease, and price.

"The youth groups such as the FFA, 4-H and others have found a new challenge, said Perry. Their challenge is no longer the rural community, or the county, the state, or even their country alone; but rather, they are citizens of the world and with this, they inherit the problems of the world."

clear up

Janice Hartwell, East Corinth, made a plea for pollution abatement in her speech "Let's Get One Thing Clear. . . Water." Imagine, asked Miss Hartwell, that you are strolling through uncluttered countryside and discover a brook. "It is cool, clear, and running free. About ten feet from shore a fish jumps and sends circular ripples breaking across the bright image of

the sparkling clear water."

Soon industries, such as a potato processing plant, a tannery, and a woolen mill, are built in the area. Within several months the air is no longer sunny but cloudy with carbon compounds, smoke and cinders. But worse than that is that the once refreshing little brook is far from refreshing now. It is a murky brown color with green algae collected in tiny inlets, potato processing wastes caught on the winding banks, and "fish lying dead and decaying in heaps along the waters edge."

Miss Hartwell, the only female entree in the contest, did not limit her criticism to problems of potato processing plants, tanneries, and woolen mills. She cited such examples as: the poultry processing plant in Belfast, where the smell of the bay, which receives the wastes from that very factory, "reminded me more of a putrid bowl of chicken soup than a part of the great Atlantic Ocean;" and a once beautiful lake in northern Maine that is now "filled with thick slimy, green algae—the water is totally unfit for any recreational activity." Why? Because of the number two killer—Municipal sewage.

She added that she couldn't condemn the industries because "America needs them to uphold her economy." But I merely ask their help in controlling waste pollution.

She suggested four partial solutions:

1. Legislation. "Water belongs to you the people; not to the industries that pour waste into it." Citizens and voters should regulate water through laws.
2. Make by-products profitable. This can be done, she advised, through making industry realize that by-products are valuable as ingredients for fertilizers, lime, cement, and glue.
3. Public opinion. Since industry is so sensitive to public opinion, use this opinion to

force industry to take the initiative.

4. Desalination. Devise a profitable means of extracting fresh water from salt water.

In summary Miss Hartwell told her audience "If you work with intense effort with your local legislator, if you persuade industry to find and incorporate a profitable way to use their waste products, and if you can arouse the public to work with then you may well get one thing clear. . . water."

soil conservation

Soil conservation was the subject of the speech by Future Farmer Eugene Harris. The Newport High School student stated that "water and wind have scraped the skin off the unprotected earth, causing widespread destruction," forcing us to realize that this is the result of decades of neglect.

Harris, a member of the Sebasticook Stream FFA Chapter, said that before one can manage the soil well, he must learn five things of major importance: (1) the best method of tillage; (2) how to maintain the supply of organic matter; (3) how to correct soil acidity in humid regions; (4) how to provide an adequate supply of phosphorus; and (5) how to use mechanical measures to control erosion where rotation and cover cropping are not sufficient.

Harris told the FFA delegates that they as Future Farmers of America should influence conservation in order to keep the soil permanently productive. Also, they should seek the technical assistance from soil conservationists and support from the public.

The supply of good land in America is 460 million acres, said Harris, including all land that is now under cultivation and all land that could be cultivated with practical methods of drainage, irrigation, and other accepted soil practices. Proper soil conservation has resulted in an increase in per-acre yield in this country of over 20%. If all farms in America maintained soil conservation programs, he added, the "resulting increased production in the United States alone would equal the additional yield of a sixth farm for every five now in cultivation."

conserve

Blair Bubar, in his speech, "Conservation and You," told the Future Farmers that his aim was not to get into the technicalities of the subject, but to point out some of the major troubles in the conservation of soils, forests, and wildlife.

Bubar recommended that excess water be drained off through the use of underground soil pipe, or perhaps stored in a small farm pond, which would not only serve as fire protection but also as a water supply for animals. Pollution should also be avoided as it will kill water creatures, cause illness or harm to farm animals, and also result in the waste of one of the farmers most important natural resources.

Turning to the area of forest conservation, Bubar advised that a woodlot owner plant a new tree for each one he harvests, have annual cuttings of selected trees, and cut a tree only if it is full grown.

"Our wildlife is becoming extinct at a rapid speed," said Bubar. State laws have been passed to keep fishermen from depleting fish supplies and hunters from killing off all wild game, but even this is not enough. State parks also have been established to preserve the beauty of nature and its wildlife, but greater efforts must be made if we are still going to be able to hunt and fish.

The Central Aroostook High School student told his fellow Future Farmers that "if we take an active part in working out solutions to our conservation problems we will have a happier and healthier country with promise of a better heritage for future generations."

Campus Calendar

June 27, Thursday: Readers' Theatre, George Bernard Shaw's "Don Juan in Hell." Hauck Auditorium, 8:15 p.m. Admission charge \$1.00. Tickets available at the Hauck Aud. Box Office, 10 a.m.-3 p.m. Tel: 866-7557.

July 2, Tuesday: Folk and Square Dancing, 7 p.m. Main Lounge, Memorial Union (Small fry only).

July 3, Wednesday: Film, "The Nun's Story," 7 p.m., Little Hall, Admission charge 25c.

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