

## Odum Notes Environmental Crisis Of Twentieth Century

Dr. Eugene P. Odum spoke on the topic "Man and Nature: Cooperation or Conflict?" in assembly Wednesday, October 18. Dr. Odum was introduced by Donald McLeod of the Salem College Biology Department. After receiving his Bachelor and Masters degrees from the University of North Carolina at Chapel Hill, Dr. Odum earned his Ph.D. from the University of Illinois. In 1940 he went to the University of Georgia where he is now Alumni Foundation Distinguished Professor of Zoology. Ecology, the study of the relationship of organisms to their environment, is Dr. Odum's special interest.

Dr. Odum began his talk by saying that the modern age has reached an environmental crisis. Now that man has reached a high level in technological development, it is time to take a fresh look at his environment. Dr. Odum said that this technological development presents man with the problem of knowing just how much of a good thing is enough. He remarked that although concrete is very useful, man would not want the whole earth covered with concrete.

- OOPS -

The Salemite apologizes to Martha Eubanks for omitting her name in the article on Who's Who Among American Colleges and Universities in the October 13 issue. Martha is one of the twelve Salem seniors honored with membership in the organization. She is a sociology major from Monroe. She was president of her class both her freshman and senior years and vice-president her sophomore year. She was WRA representative from her class her sophomore and junior years. Martha has also served on the Calendar Committee the Student Center Committee, and the Student Curriculum Evaluation Committee.

Dr. Odum then discussed two general approaches towards nature. The idea of man's being a part of and in harmony with nature is characteristic of the Orient. But the western concept has been one of "man against nature." The pioneers were successful and during the twentieth century the West has made great advances in "defeating nature." Dr. Odum then raised the question, "What now?"

Until recently, the study of biology has centered on individual organisms. Dr. Odum pointed out that man has now realized the fundamental importance of ecology or "environmental biology". Nature has a master plan of ecological development which can be compared to the development of an individual. To illustrate the young and mature stages of development, Dr. Odum used several slides.

A picture of a field crop in Japan illustrated young nature. Characteristics of this stage are a high rate of growth and productivity and a certain amount of instability. A tropical jungle scene showed mature nature. Less productivity and more self-sufficiency and stability are characteristic of mature nature. Dr. Odum pointed out that both stages are very important. The young stage has a simple food chain and provides man with food either directly or indirectly. The mature stage spends much energy on protection and self-preservation. This quality is extremely important when many plants are threatened by disease or other crises. Dr. Odum said that man must now begin to understand the mature state of nature as well as the young stage.

Dr. Odum emphasized the importance of the study of ecology by showing how it involves two important problems facing the world today. One of these problems is whether the population explosion will be controlled. The other problem deals with the increasing use (Continued on Page 2)

## Leslie-Melvilles To Lecture Here Of Daily Life In East Africa

Betty Bruce and her husband Jock Leslie-Melville will present a true-life account of daily life in East Africa, "Africa's Our Home!" in assembly on Friday, October 27. They are sponsored by the Salem College Lecture Series.

An unusual husband and wife team, the Leslie-Melvilles conduct "non-hunting tours for non-rich Americans" that operate out of Nairobi, Kenya, Uganda, Ethiopia and Tanzania are also familiar territory to them, and in their joint program the Leslie-Melvilles convey not only some of the historical and political problems of these countries, but also the hilarious misadventures that can happen when Africa is your adopted home.

For Betty Bruce, it's a far cry from her native Baltimore, where she attended John Hopkins University, to encountering the different peoples and tribes of East Africa and being entertained by such notables as Ethiopia's Emperor Haile Selassie. But, except for brief periods when she returned for lecture



Betty Bruce and Jock Leslie-Melville will speak on "Africa, Our Home" on Friday, October 27, at 11 a.m.

tours and TV appearances, she has called Africa "home" since 1960.

Jock Leslie-Melville, on the other hand, has lived in Africa all his life, with the exception of his schooling at Eton. The grandson of a Scottish

Earl, he served in the Coldstream Guards and was Aide to a colonial Governor of Kenya before that country achieved independence. He was also Executive Officer of the

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### ATTENTION

Students and faculty are urged to donate to the Bloodmobile at the National Guard Armory on Stadium Drive on Monday and Tuesday. The blood unit will operate from 10 a.m. until 3:30 p.m. on both days.

Forsyth County is under a blanket blood program. This means that anyone who lives or works in the county may receive free blood without obligation for replacement. Salem students qualify for this program. Forsyth County is presently on probation and in danger of losing blanket program privileges, so this blood drive is an extremely important one.

Anyone in need of transportation to the Armory may call the Red Cross Chapter House at 724 0511 and arrangements will be made.

## Honors Program Selects Seniors To Investigate Scientific Fields

By Sterling Winstead

Salem's Honors Program was adopted in 1960. This Independent Study Program, open to seniors provides "a formal opportunity for special study under the guidance of faculty advisors, apart from organized courses, for honors and for credit toward graduation."

A Salem student wishing to participate in this program fills out an application form in the spring of her junior year. A department has the right to accept or reject the application. The student selected to participate in the Honors Program must have a 3.0 average in her field of study and she must have an overall average of 2.8.

The Honors Program is a two-semester project and gives three semester hours at a minimum as credit each semester. The work is in the form of either a formal paper or a project on file in Salem's Library. The Honors Program student is eligible to receive the *Magna cum laude* if she is eligible to receive *cum laude* at graduation.

In the 1967-68 program, Judy Pifer (chemistry) and Peggy McPherson (biology) are doing Honors Study.

Judy's advisor is Dr. Mysels. Her project is to determine the structure



Peggy McPherson and Judy Pifer, seniors in the Honor's Program, will be doing independent research in the Biology and Chemistry Departments.

of ninhydrin when it has reacted with amino acids to produce a color compound ranging from red to purple. Right now she is doing research in the *Chemical Abstract* to see how much study has already been done on this topic. She says that there is

a lot of reading to do before she can actually begin her project. Judy chose her topic because of her interest in hospital bio-chemical research. She hopes to get a job with the Red Cross Laboratory in Am- (Continued on Page 4)

## Touring Group Presents Modern, Classical Ballet

The American Choreographic Company directed by Richard Nicklaus performed in Hanes Auditorium Thursday, October 12, to a rather large audience.

The group began their performance with "Second Act" and "Galaxy II", modern ballets danced by Margot Travers, who is only 18, and William Thompson along with other members of the troupe.

Following an intermission, Mona Koelb, William Thompson, Kilby Dickinson, Maria Di Dia, Margot Travers and Diana Heckscher danced to Mozart, which was an unscheduled revision of the program.

An interesting number, danced to Classical Kabuki Theatre Music entitled "Tanka," was well received

by the audience. Margot Travers and William Thompson performed this number.

A return to a more classical ballet with wine and white costumes in *German Dances* by Ludwig van Beethoven was most warmly received by the audience. A good performance by Pamela Pilkenton and Esteban de Leon brought much applause from the audience at the close of the performance.

Richard Nicklaus, who has founded the company, choreographed the entire program and William Thompson, the Assistant Artist Director, designed all the costumes. The group appeared on its third tour in North Carolina working under the Winston-Salem Civic Ballet.

## Salem Athletes Challenge Several College Teams

The hockey season officially began on Monday, October 16, with Salem College playing Salem Academy on the Salem hockey field, and the final score was Salem Academy 1, Salem College 0. The Academy defense showed well in the first half in breaking up many of the College's attacks. The only score in the game came with thirty seconds left in the first half when the Academy scored off of a short corner. The second half was a big defensive battle, with neither team being able to score, although the College came close to scoring several times. The members of the College team for the first game were as follows: Anne Cargill, Olive Jenkins, Gayle Landress, Chris Connor, Jane Cross, Jane Cromly,

Shelly Habek, Robin Ackroyd-Kelly, Gini Herbst, Martha Gomer, Debbie Lotz, and Roberta Thompson.

The first collegiate game for Salem was played Thursday, October 19 at Salem against Wake Forest. The score is not known at this time due to the Tuesday deadline for the Salemite. Games next week include one on Tuesday at UNC-G, and one on Thursday with High Point here at Salem.

The Salem tennis team went to Queens on Thursday, October 19, for a match on the Queens' courts. Those girls playing for Salem were as follows: Nancy Richardson, Lee Wood, Bevie Carter, Betsy McAlister, Susan Harvard, and Shelly Habek.