



The Salemite



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Dr. Raper Presents Talk On Fungi Traits, Oddities

Freshmen Class Completes Election Of All Officers For Coming Year

By Florence Pollock

The assembly program for Friday, October 21, featured noted biologist Dr. John Raper who presented a talk entitled "Thirty-three Thousand Sexes and Other Fungal Oddities." Born in Davidson County, Dr. Raper received his A.B. and M.A. at the University of North Carolina at Chapel Hill. During his study there B. O. Cosby of the Salem faculty was his chemistry professor. It was partially through their continued friendship that Dr. Raper appeared at Salem as a Rondthaler Lecturer. Dr. Raper obtained his Ph.D. at Harvard where he is presently teaching.

Realizing that all Salemites might not be familiar with specific problems in biology, Dr. Raper selected a general topic that centered around the amusing oddities of reproduction and other traits of fungi. He explained that these small plants are everywhere, emphasizing that the cost of decay in life that they cause can only be compared to their great and innumerable contributions.

To exemplify the oddities of these small systems he cited an incident of several mysterious cases of arsenic poisoning in the United States and Europe. Scientists discovered that these were caused by arsenic impregnated in certain wallpapers to stop fungal attack, being liberated as poisonous arsenes (gas) by fungi growing on it. Then with the aid of slides and a film he showed growth and differentiation in slime mold by means of telescoping stalks. Later he illustrated asexual and sexual reproduction, both of which

fungi are capable.

Even for non-science majors, Dr. Raper's lecture was most interesting. His wit and ability to make such a topic exciting and sometimes funny illustrates this.

Dr. Raper's afternoon talk was another story. Speaking mainly to members of the science faculty and biology majors, his topic was much more specific: "The Morphogenesis of Mushrooms." Taking Schizophyllum commune as an example, he discussed two growth factors, regulating and regulated ones. By talking about formation factors, mutations, and modifiers, he discussed morphogenesis. He explained the details of how these changes can be controlled by differences in protein make-up. His lecture also dwelled at length on the genotypic and phenotypic outcomes of his system controlling morphogenetic sequences.

A tea followed the 2 p.m. speech in Strong Friendship Rooms where everyone was able to speak informally with Dr. Raper. This contact with Dr. Raper seems to have helped dispell the idea that biologists, especially botanists, are pedantic. Likewise, one can easily understand his viewpoint: "Mother Nature has a delicate whimsy running through her handiworks."

ATTENTION

Dr. G. S. Gupte, Visiting Professor of Asian Studies, will speak on Wednesday, November 2, at 11 a.m. in Hanes Auditorium. "Indian Art" will be the topic of his lecture.



Recently elected Freshman Class officers (l. to r.) Beth Carothers, Paige French, Barbie Barton, and "Poo" Mullan discuss last week's Salemite.

By Laurie Lake

The freshman class completed its election of officers on October 24. The major offices are held by Barbie Barton -- President, "Poo" Mullan -- Vice-President, Paige French -- secretary, and Beth Carothers -- treasurer.

Barbie Barton, who has lived in many places in the United States including Hawaii, now resides in Sanford. She plans to major in home economics and go into some form of social work dealing with children. She loves all sports, especially tennis and swimming. Barbie says that she "feels very strongly about mak-

ing every girl feel a part of the class." She also emphasizes: "I know this will be our hardest year and therefore, I don't want anyone to feel I am demanding too much of them, but I also want them to realize that they will benefit from class projects. Even in these first few weeks everyone has shown so much enthusiasm and cooperation that if we continue to do so -- this WILL be a grand year."

"Poo" Mullan, who headed the freshman skit committee for Founder's Day, is from Lynchburg, Virginia, where she graduated from E. C. Glass High School. She wants to major in either English or history and teach on the high school level. Her hobbies are tennis, sketching, and pop music. She says that she and Barbie "have come up with many original ideas to make the Freshman Class the best ever, and I plan to be as much help to Barbie as possible."

Paige French is from Tappahan-

nock, Virginia, where she graduated from St. Margret's School. She is a piano major and plans to teach after graduation. Besides music, Paige loves water and snow skiing as well as dramatics. She says she "will help Barbie by keeping notes and encouraging class spirit."

Beth Carothers graduated from Harpeth Hall in her hometown of Nashville, Tennessee. She plans to major in math. Beth lists her interests as swimming, sewing, and Tom. She says, "I plan to give the freshman class my best possible."

Other officers elected were: legislative board representatives -- Lee Harvey and Lindsay McLaughlin; I.R.S. representatives -- Lee Wood, Susan Knee, Merrilou Howser, Sandra Pappas; N.S.A. representatives -- Ena Guy, Sandra Holder, Lindsay Wheatley, Nancy Wetzel; W.R.A. representatives -- Robin Ackroyd-Kelley, Cam Voss; and Y.W.C.A. representatives -- Wendy Yeatts, Kit Foster, Martha Raspberry.

Mamie Braddy Runs Bureau While Esther Goes On Vacation

By Jane Roughton

While Mrs. Mock takes a month's vacation to travel in Europe with her husband, Salem is fortunate to have Mrs. Mamie Braddy to "pinch-hit," as she puts it. Mrs. Braddy, who retired in glory from the Twin-City Sentinel last spring, accepted the job in our news office because of her warm feeling for Salem.

Anyone who has met Mrs. Braddy would certainly agree that her humor and spontaneous personality are endearing. This can be confirmed by those who have known her best; when she retired, the Twin City Sentinel sported the headlines "Mamie Quits; Paper May Fold." Also the "Braddysburg Address" was written and delivered by her friend and co-worker Annie Lee Singletary at a North Carolina Press Women's Meeting in honor of Mrs. Braddy.

Her success with people carried over into her work for she has won the respect and friendship of Winston-Salem police and officials, a feat quite admirable for a woman. Perhaps this personal warmth along with her remarkable ambition is what enabled her to be the first woman to handle the "police beat," normally a man's job. Mrs. Braddy has covered some very exciting cases, often being the first to get information about important news items. She was present when the first Vanguard missile was fired and has seen launchings from both Atlas and Titan programs.

Among her favorite stories about her police-beat concerns an assign-



Mrs. Mamie Braddy works in her new office at Salem C.

ment to report the efforts of the Winston ABC officials to uncover a moon-ship operation in Myrtle Beach. She will also proudly claim her presence at the Alger Hiss trial in New York City. Mrs. Braddy went along with the police to cover a notorious lottery raid and wound up being used to search the "lottery queen." Obviously she has been an indispensable part of the Winston-Salem police squad.

Mrs. Braddy has several loves outside the newsroom. Since she was a small girl, she has played the violin and played in the Reynolds High School Band. Her love for

music, especially opera, has carried her to New York, where on occasions she has met Louise Homer, Patrice Munsel and John Charles Thomas. She also raises orchids.

Winston-Salem is lucky to have Mrs. Braddy around, for she now spends much of her time working with the Red Cross. She has served her home city well as a member of its news-staff and as a good citizen. While she is at Salem with us, I urge as many girls as can to drop in and visit her. You will be charmed by her genuine interest and enthusiasm.

Merrill, Students Consider LSD, Psychedelic Religion

By Lisa Mabley

The Reverend William Merrill, Episcopal Chaplain to the College Students of Winston-Salem, led a discussion last Thursday night, October 20, on the uses of LSD and other drugs, and the implications of the proposed psychedelic religion. Mr. Merrill pointed out that many people who are vociferously opposed to drugs are actually ignorant of the facts about drugs. This prejudice is extended into their attitudes about psychedelic art and religion.

Mr. Merrill stated that not everyone who takes pep pills or once takes a "smoke" eventually ends up an addict or goes, like the saying, from "pep to pot to push." Marijuana in controlled doses is even less harmful than alcohol.

The problem with LSD, a drug of present concern to college officials and the Food and Drug Administration, is that it cannot be completely controlled. A person who has used it once may go back under its influence briefly, as long as six months afterward, without ever having taken a second dose.

Controlled experiments with LSD in psychotherapy, however, have proved quite successful. The per-

centage of parolees who break parole and have to return to complete their terms is sixty percent. In one prison where LSD was used on parolees, only thirty percent ever ended up back in jail.

No doctor, however, is willing to prescribe LSD for patients since its results are so uncertain. A good "trip" can bring relaxation and peace of mind to a patient, but a bad trip may cause severe trauma.

The group spent a great deal of time discussing the psychedelic religion proposed by former Harvard University professor. Mr. Merrill explained that a psychedelic experience makes new concepts seem to become apparent. It makes a person see the entire universe in a new way, as "LSD chemically breaks down the factors operative in man's thinking." If psychedelic experience is viewed this way, says Mr. Merrill, people must then realize that there is something psychedelic in every religious experience. In fact the fungi from mushrooms were once used to affect a religious experience in much the same manner that it is proposed that LSD, psychedelic art, and psychedelic devices could be used to affect religious experiences.