

# CLUB NEWS

## Forestry

The Forestry Club is working on numerous projects at this time. The largest of these is the Rolleo, which is to be held during Agriculture Week in the Spring. There will be some new events this year and all signs point to a fine time for everyone.

At our last meeting, we decided to adopt a patient at Cherry hospital. He will be given twelve dollars a year for such things as candy or cigarettes which he would otherwise be unable to obtain.

The club is proud to announce

that Mr. Sam Moore, Forestry Instructor, has become an honorary member of our club. He has done a lot of work to help us and certainly deserves it.

I am sure many of you noticed a few weeks ago a fire in the field by the school. It was started from trash being blown out of a burning container near the field. Thanks to quick action on the part of Forestry and Electric Line students it was soon brought under control. On windy days, please watch all fires carefully, or better yet, don't burn at all!

## ETE

Since the beginning of the fraternity, we have grown in size and in spirit. We have completed many school projects. Some of these included putting trash cans in the school halls, and helping the fund drive for the new student union.

A few weeks ago our fraternity had a chance to become larger, so we accepted the challenge. We now have a colony at East Carolina University at

Greenville, N. C. They will remain a colony for a period of weeks in which they will then become a Beta chapter.

Since the new quarter has started, we have started another pledge period with four Wayne Community college students as pledges. They are Mike Brogden, Ken Bagley, Dan Vinson, and Gordan Lipscomb.

## Watchmakers

The Cracker Barrel Philosopher had recently taken in an Italian movie and was waxing wistfully on the dimensional attributes of Gene Lowbridge, as he calls her, when I interrupted for some pearls of wisdom. The Ole CBP looked at me with a glint in his eye and in a voice that has never lost its steely edge, fired a shot that was heard all the way across the WCC campus:

"I prefer the errors of enthusiasm to the indifference of wisdom."

Time is -- the present moment will employ;

Time was -- is past -- thou canst not it enjoy;

Time future -- is not and may never be;

Time present -- is the only time for thee.

TIME. What is time: Ask a hundred people this question and get as many different answers, all of which may be correct. Time is something we know about but find it difficult to explain exactly what "time" is. Time means different things to different people under a given set of circumstances. To philosophers, time is a dimension; to astronomers, time is the vast distances of space in terms of light years; to a captain of a ship at sea, time is the number of miles traveled to or from a given point; to someone in a hurry, "time is of the essence". Ecclesiastes 3:1, of the Books of the Old Testament; there is a time to every purpose under the heaven: a time to be born and a time to die; a time to plant and a time to pluck that which has been planted; a time to kill and a time to heal; a time to breakdown and a time to build up; etc. Time is an infinite entity. We cannot, in the literal sense, lose or gain time, slow it or in any way shape, form or fashion alter or tamper with it. Mankind had to settle for something less, recording and measuring time -- first as a curiosity, and secondly, as a necessity.

Before the invention of the calendar and clock, man had to rely on nature's timekeepers-- the sun, the moon, and the stars. We can logically assume that primitive man knew the dif-

ferent seasons. That sunrise and sunset was the beginning and the end of day. He referred to two days as two suns. Also, that he used the appearance and disappearance of the moon, about 2 1/2 days, to tell about some event that happened two moons or three moons ago. The oldest known instrument devised by man to record and measure time is the calendar. The Babylonians, Greeks, Romans, Egyptians, and many other races used calendars in early times before the coming of Christ. Some were based on the solar year and some on the lunar year. The number of months varied from 10 to 13 and the number of days from 304 to 365 - 1/4. Some calendars began the year in autumn, some in mid-winter, and the Roman calendar year began in March. Calendars usually ran ahead of or behind the schedule fixed by the seasons. This resulted in accumulated differences causing confusion and disagreements. In 46 B.C., Julius Caesar, based upon the suggestions of the astronomer Sosigenes, ordered the Romans to issue a calendar and to disregard the moon in making their calculations. The year was divided into 12 months of 31 and 30 days except for February which had only 29. The Romans renamed the month Quintilis to honor Julius Caesar, giving us July. The emperor Augustus took the next month, Sextilis and named it for himself giving us August. He then took a day from February to make August have as many days as July. Talk about vanity and status symbols.... This was known as the Julian Calendar and provided for a year that lasted 365-1/4 days. It was widely used for about 1,500 years. But it was actually 11 minutes and 14 seconds longer than the solar year which led to a gradual change in the seasons. By 1580, the spring equinox fell on 11 March or 10 days before it should have. So again confusion made the calendar practically useless. Then about 1852, the Gregorian calendar was designed to correct the Julian Calendar. Ten days were taken from October which restored the equinox to its proper date. An extra day was added to February in the years

Wayne Community College, in recognition of academic achievement during Fall Quarter, 1969, names the following students to the Dean's List and Honor Roll.

### DEANS LIST

The dean's list is composed of students who are enrolled for a minimum of 12 quarter hours and have no grade below A on all work taken during that quarter.

### RECREATION GROUNDS MANAGEMENT

Joseph M. Covington, Mebane.

### ACCOUNTING

Jackie M. Flanigan, Goldsboro.

Rhonda Lynn Taylor, Snow Hill.

### COLLEGE TRANSFER

Eleanor J. Saunders, Goldsboro.

that could be divided by 400, such as 1600, 2000, etc., but not in other century years such as 1700, 1800, and 1900. This was done to correct the Julian Calendar's regular error. The Gregorian Calendar, used world wide, was so accurate that the difference between calendar and solar years is only about 26.3 seconds. However, the change still caused confusion. For example, George Washington was born February 11, 1732, but we celebrate his birthday on February 22. So we have in the calendar, inaccurate though it may be, man's first effort to record and measure time.

Then one day an astronomer, or probably some latter day master mathematician, noticed that the sun cast a shadow that moved back and forth, invented the sundial. This assumption is, of course, prosaic license. It no doubt took man several thousands of years to develop the sundial. That the sundial was incorrect as a time keeper except for a few days of the year never entered the heads of our remote ancestors. Then came the hourglass which had its limitations. Its use was guess work and someone had to be in attendance to turn it on the hour.

Yes, the apparent rising and setting of the sun, the rise and set of the moon, and its waxing and waning from day to day, was, in all likelihood, a phenomenon which started primitive man to seek some method of recording and measuring time. But the degree of accuracy was something else again, even today for that matter. The earth, spinning on its axis, is our master clock. We measure the rotation of the earth by taking our bearings from what is called the "fixed stars", whose position in relation to the earth is uniform. Because of the uniformity of the rotation motion, the earth is the fundamental clock or time keeper to which all standard time reckoning is referred. Do we have a perfect time keeper? No say astronomers. For years it was supposed that the rate of rotation of the earth was constant within a thousandth of a second over centuries of time. Investigation disclosed irregularities in the motion of the moon and planets and revealed the probability of real and sometimes sudden changes in the rotational period of the earth. In 1928 it was concluded that earth was some 25 seconds ahead of the average rotational motion it has sustained during the last three centuries. Because of the friction of ocean tides, and even tides within the earth's crust itself, the earth should theoretically increase its rotational period at the rate of about one, one thousandths of a second a century. Next month this column will continue on the subject of early clocks and watches in man's endeavors to accurately record and measure time.

## Dean's List & Honor Roll

### ELECTRONICS ENGINEERING TECHNOLOGY

James Love Davis, Goldsboro.

PRACTICAL NURSING  
Martha Jean Nelson, Goldsboro.

### MACHINIST

Jerry Minter, Sanford.

Jimmy Waters, Roseboro.

### HONOR ROLL

The Honor Roll is composed of students who are enrolled for at least 12 quarter hours and earn a quality point average of at least 3.00 for the quarter with no grade below C.

### AVIATION MECHANICS

Sam F. Duke, Goldsboro.

Joseph W. Ingle, Pikeville.

Aubrey W. Styers, Jr., Goldsboro.

### FISH AND WILDLIFE MANAGEMENT

William R. Callow, Hope Mills.

Frederick S. Daniels, Jr., Wilson.

Michael D. Fryar, Fayetteville.

Gene Allen Harrell, Fayetteville.

Warren Alan Jeffreys, Zebulon.

Clifford R. Tilley, Durham.

### FORESTRY

A. Roger Barnes, Dudley.

Kendall C. Beavers, Elizabeth City.

Perry G. Brower, Siler City.

Edward Dameron Davis, II, Goldsboro.

Claude Stuart Dudley, Goldsboro.

John Elton Hurdle, Jr., Hertford.

Arnold A. Justice, Bowden.

Robert P. Kaylor, Dudley.

Larry A. Stump, Goldsboro.

Addison W. King, Faison.

Edward Allen Matthews, Bunnlevel.

Thomas C. Maulden, Hamlet.

Joseph W. Moosha, Wilson.

Darius K. Robertson, Burnsville.

Jerry Michael Robertson, Burnsville.

James R. Rodwell, Warren-ton.

John Stephens, Goldsboro.

### LIVESTOCK AND POULTRY

Charles E. Bar, Wrightsville, Pa.

Allen Richard Lanier, Goldsboro.

### RECREATION GROUNDS MANAGEMENT

Roland Lynn Gurley, Goldsboro.

### SOIL CONSERVATION

David N. Griffith, Goldsboro.

Bobby Kent Southerland, Mount Olive.

### ACCOUNTING

Braxton C. Duncan, Clayton.

Lorraine K. Hough, Goldsboro.

Jerry E. Goodman, Pikeville.

Etta Hardy Rouse, Seven Springs.

Roger Albert Letchworth, Goldsboro.

Louise B. Seymour, Goldsboro.

Hugh C. Thomas, Goldsboro.

Judy Patsy Woodard, Princeton.

### BUSINESS ADMINISTRATION

Mark Charles Bass, Tarboro.

Wanda Sue Daughtry, Princeton.

Marvin Larry Fann, Goldsboro.

James P. Hall, Smithfield.

Kenneth Ray Hester, Princeton.

Jerry Wayne Hood, Mount Olive.

Jerry William Kirby, Pikeville.

Robert Ambrose Lee, Smithfield.

Dennis Gray Parnell, Goldsboro.

James Glen Starling, Princeton.

Margie Ann Sutton, La-Grange.

Jean Watson, Goldsboro.

Brenda Kaye Woodard,

Princeton.

Worth Overman, Jr., Pikeville.

EXECUTIVE SECRETARY  
Paula B. Anderson, Mount Olive.

Barbara Ann Barnes, Fre-mont.

Wanda Carol Braswell, Princeton.

Connie J. Crumpler, Dudley.

Joye C. Denning, Pine Lev-el.

Joan R. Jones, Faison.

Carolyn Ann Lee, Prince-  
ton.

Carolyn L. Martin, Prince-  
ton.

Barbara E. Moye, Golds-  
boro.

Martha Anne Pate, Golds-  
boro.

Connie S. Pearsall, Mount  
Olive.

Maude Matilda Scott, Pike-  
ville.

Brenda Gail Stewart, Four  
Oaks.

Reeva Kaye Draughon, Dud-  
ley.

MEDICAL SECRETARY  
Jacquelyn Kay Greene, Sel-  
ma.

Andrea Jill Ham, Golds-  
boro.

COLLEGE TRANSFER  
George S. Bell, Seymour

Johnson Air Force Base, Goldsboro.

Kenneth Blackman, Golds-  
boro.

John G. Britt, Jr., Golds-  
boro.

Richard B. McLawhorn, Goldsboro.

Doris Oates, Mount Olive.

David Hall Parrish, Selma.

Margaret L. Brown, Golds-  
boro.

James D. Burch, Golds-  
boro.

William Carol Daniels, Princeton.

William R. Detrie, Smith-  
field.

Douglas B. Featherstone, Raleigh.

Gerald Gainous, Seymour

Johnson Air Force Base, Goldsboro.

Patricia C. Hagan, Golds-  
boro.

Mary J. Hopkins, Golds-  
boro.

William Stephen James, Goldsboro.

Judith Carolyn Jones, Golds-  
boro.

Margie H. King, Clinton.

Susan B. Pritchett, Golds-  
boro.

Janet Elizabeth Smith, Goldsboro.

Jimmie Sue Smith, Golds-  
boro.

Robert E. Starr, Goldsboro.

James A. Steele, Goldsboro.

James David Stevens, Jr., Goldsboro.

Dana Taylor, Goldsboro.

Charles Henry Weaver, Four  
Oaks.

James L. Weaver, Mount Ol-  
ive.

Ronald J. Wertheim, Golds-  
boro.

Emily Lynn Wilkins, Prince-  
ton.

DRAFTING AND DESIGN  
James W. Futrelle, Prince-  
ton.

David Lane Stearns, Smith-  
field.

Timothy Rhodes, Pink Hill.

Julia E. Walters, Goldsboro.

Connie Ray Wilder, Middle-  
sex.

ELECTRONICS ENGINEERING  
TECHNOLOGY

Paul W. Brown, Dudley.

Robert Denis Creech, Sel-  
ma.

Alvin W. Draughon, Golds-  
boro.

Edward Lee Tew, Golds-  
boro.

Danny L. Tomlinson, Golds-  
boro.

Roger Steele Turner, Mount  
Olive.

DENTAL ASSISTING  
Connie Lynn Kennedy, Golds-  
boro.

Daphne Littiken, Graham.

DENTAL HYGIENE  
Debbie Alberathy, Fuquay-  
Varina.

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