

An Old Story Newly Told

burden. He earned his keep for he was a prodigious worker, determined never to accept charity.

George Carver literally inched himself up the educational ladder, working his way not just through college but through grade and high school as well, working all the time to support himself. He was 20 before he got to high school, 25 when he graduated. Highland University accepted his credentials but when he presented himself, he was told Negroes were not admitted. He was 30 when he finally entered Simpson College in Iowa. A year later, he entered Iowa State University, graduating with a Bachelor of Science degree in 1894. Invited to become a member of the staff in charge of systematic botany, the bacteriological laboratories and the greenhouse, he continued his studies and received a Master of Science degree in 1896. That year, he was invited by Booker T. Washington to organize and direct a new agriculture department at Tuskegee Institute in Alabama. There he remained the rest of his life.

From earliest childhood, Carver had the habit of rising at four and walking about the countryside for an hour or two. Soil, plants and trees interested him intensely; he wanted to know how they were put together, what made them fruitful. Nature was both a consolation and a challenge. In Tuskegee, he found the land exhausted from one-crop cotton culture, robbed of its mineral content, eroded from lack of plant cover, treeless and sun parched. The campus was bare earth, dusty in dry weather, a sea of mud when it rained. He went about looking for ways to restore the overworked earth and found it in green manure and the growing of nitrogen-producing legumes—pod bearers such as vetch, peas, clover, peanuts—plants which enriched the soil. Crop rotation which European peasants had practiced for a thousand years had to be relearned by Southern tenant farmers who knew no other crop but cotton. Carver went among them preaching diversification. He urged them to grow peanuts and sweet potatoes; those who heeded his advice rode out the disastrous invasion of the boll weevil.

On the experimental farm he developed at Tuskegee, he evolved a cross between the short-stalk and the tall-stalk cotton known as "Carver's Hybrid," besides three other new strains. With green manuring, he grew enormous potatoes, cabbages, onions, watermelons and cantaloupes. He instituted a visiting day each month for neighboring farmers to show what could be grown with scientific methods. They were most impressed with his new cotton strain which carried 275 huge bolls on a single bush, and yielded nearly a bale and a quarter per acre, in contrast to the usual one third of a bale most tenant farmers produced.

To bring the message of scientific agriculture to those who could not come to Tuskegee, Carver loaded a wagon with

tools, boxes, jars and packages of seed and set out every Friday evening after class to give demonstrations to meetings of farmers. In 1906, with money donated by Morris K. Jesup, a member of the Slater Foundation, he designed the so-called Jesup Wagon which served as a movable farmers school and was adopted in other countries.

Carver's skill as soil scientist and plant breeder was to him but a means to help raise the standards of the Southern farmer, not just in productivity, but in his whole way of life. It was obvious to Carver that the prevalent diet of pork, meal and molasses lacked the vitamins and minerals necessary for good health and stamina. So he urged farmers to grow more vegetables and fruits, showed them that many common weeds, properly cooked, were edible and nutritious, taught their women how to prepare them. His own boyhood had been spent on a multipurpose farm where everything the family needed was grown and processed, only sugar and coffee being bought. He called this "living at home" and preached it throughout the land. By avoiding store purchases, a little could be saved each week and eventually a piece of land bought. This, he said, was the way out of poverty. Tenant farmers lived in drab cabins. Noticing the beautifully colored clay in which Alabama abounded, Carver developed a simple method for making color wash and demonstrated how much even the shabbiest cottage could be improved by a paint that cost not a penny.

Carver is best known as a pioneer "chemurgist" — a word, coined by Dr. William J. Hale in 1934, which means chemistry at work. In his book *Pioneers of Plenty*, Christy Borth called Carver, "the first and greatest chemurgist." Carver made paper from Southern pine "at least a quarter of a century before Dr. Charles H. Herty tackled the problem," and synthetic marble from wood shavings "years before a rock-like plastic made from wood waste became a chemurgic promise." He saw promise in the peanut when it was still a lowly weed growing along fences and tolerated by farmers only because their children liked its taste. From the peanut and the sweet potato, Carver developed more than a hundred different products, including, plastics, lubricants, dyes, medicines, ink, wood stains, face creams, tapioca and molasses. He developed these in his laboratory at Tuskegee which he had put together out of odds and ends salvaged from scrap heaps.

When he first arrived to take up his post, he discovered there was no money to equip a laboratory. In the course of his life, necessity had made him a genius at making do out of nothing. He and his students made the rounds of the rubbish heaps on campus and in town. They collected bottles, cut their necks off evenly and turned them into beakers. A thick, chipped teacup became a mortar, a piece of pipe the pestle. An old ink bottle with a wick made of string stuck through a cork became a Bunsen burner. Pieces of tin were punched and became sifters. Reeds served as tubes to transfer liquids. Carver had brought with him the one indispensable and costly thing not to be found on scrap heaps: a microscope. It was a parting gift from colleagues at Iowa State.

The products of his laboratory made his name known and brought him tempting offers of positions in industry, and checks for advice that had been sought from him. He politely declined the positions and returned the checks. He had no interest whatsoever in money and could not be bothered with the problem of marketing his inventions. His head was too full of ideas for new products. Advice, he thought, should always be free. He hoped it would reflect favorably on people's attitude toward his race, if he helped others with their problems. His own needs were minimal. Indeed, out of a salary of \$1,500 a year at Tuskegee, he saved \$33,000 which he donated to the Carver Foundation for creative research in chemistry.

Many people from all over the world sought out this shy and retiring man, wanting to talk to him and to observe his work. Edison, Henry Ford, Theodore Roosevelt and other important men became his friends. Honors and honorary degrees came his way. One was the Roosevelt Medal for distinguished service in the field of science (1939). He was introduced to the dinner guests in Theodore Roosevelt's New York home with these words which are a summing up: "I have the honor to present not a man only, but a life, transfused with passion for the enlarging and enriching of the living of his fellowman."

Sincerely,
H. G. Rickover

House approves 45 new judgeships.

East Germany seeks membership in U. N.

Dr. Robinson

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ence building and bids will be let shortly. Twelve new modern faculty apartments were completed last Fall and are now being occupied by members of the College faculty.

Also during President Boyer's administration, Saint Agnes Hospital Building and the Saint Agnes Nurses' Home were returned to Saint Augustine's by the Board of Trustees of the hospital.

President Boyer guided the college through the full accreditation of the Southern Association of Colleges and Schools, the approval of its Teacher-Education Program by the American Association of Colleges and Teacher Education and the North Carolina State Department of Public Instruction.

The college has gained membership in the Association of Episcopal Colleges and the Association of Eastern North Carolina Colleges.

Since 1959, the Institution has received nearly one million dollars from Government agencies for the purpose of supporting special training institutes sponsored by the National Science Foundation, Atomic Energy Commission and the Department of Health, Education, and Welfare, and over a half million dollars from foundations and friends of the college since 1955.

Through his leadership, the college has changed its focus from that of primarily a teacher-training institution to that of a liberal arts college where emphasis has been placed on preparing students for the professions, government and private service. Saint Augustine's College is moving into a new era of educational and physical development. Its educational program has been completely revised and structured along the lines of providing stimulating experiences for both the superior student and those of average ability.

The college will graduate one of the largest classes in its history this year, about 30 percent of whom will be going directly to graduate school having received fellowships, scholarships and other sources of financial assistance. In this year's graduating class is a Woodrow Wilson Fellowship finalist and two students who will be going to the University of Lyon, Lyon, France.

Saint Augustine's College will be observing its 100th Anniversary during the 1966-67 school year.

Bishop Fraser stated that the future looms exceedingly bright for the college and that he expects it to take its place in the mainstream of the educational world.

He enthusiastically announced that the college had recently received a grant of \$300,000 from a foundation. This money will enable the college to strengthen its total program.

Dr. Bullock

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supervision of Dr. Bullock. The minister and his faithful wife, the late Mrs. Mahella Morris Bullock, rendered such outstanding service to First Baptist and the community that on the occasion of his 35th anniversary as pastor, they received testimonials from institutions and individuals in this country and from abroad in recognition of his educational, ministerial and civic leadership.

Under Dr. Bullock's leadership, the church received state and national acclaim for its youth program, organizational structure and efficiency and capital expansion program.

First Baptist was the first in Raleigh to purchase a bus and offer free transportation for members living in widely dispersed areas, so that they might take part fully in the programs of First Baptist.

A founder of the Baptist State Convention Headquarters building the city, Rev. Bullock served as an executive of the Baptist State Convention of N. C.

On the national and international levels, he devoted much service to the Lott Carey Baptist Foreign Mission Convention, of which he once served as president. In recognition of his support for the foreign programs in Liberia, one of the buildings, donated by the Convention, comprising an elementary and high school, is named in his honor. A teacher at this school, adopted early by Dr. and Mrs. Bullock, also bears the late minister's name.

Dr. Bullock is survived by one daughter, Dr. Nancy B. McGhee, Hampton, Va.; one sister, Mrs. Sealeh Clark, E. Orange, N. J., and many nieces and nephews.

Public Forum

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Presbyterian Church, assured THE CAROLINIAN this week that all citizens are urged to be present for the 8 p. m. Forum during which the candidates present will be questioned.

They also placed emphasis on the fact that voters should make the right selection and may do so after attending the Forum. James A. Shepard will preside at the pre-election meeting.

The Rev. Charles W. Ward is president of the Raleigh Citizens Association.

Bermuda seeks to replace two cruise ships.

Senior Killed

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Rev. A. L. Thompson officiating. He is believed to have joined the church at an early age and was a member of the Male Chorus.

His survivors are his mother, Mrs. Rosa V. Grafton; three brothers, John F. Rowland, Durham; Albert and Alfonza Grafton; four sisters, Mary, Bernice, Carolyn and Barbara Grafton, all of the home; a grandmother, Mrs. Mary Rowland, of the home; five uncles, Tommie Grafton, Detroit, Mich.; William Grafton, Durham; Oneal Williams and Daniel Rowland, Washington, D. C.; and Jack Rowland, Durham; four aunts, Mrs. Mary Lyles and Mrs. Ethel Shannon, Durham; Mrs. Emma Henry Richmond, Va., and Mrs. Nancy Harrison, Charlotte; one nephew and a host of other relatives and friends.

Would-Be

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back yard of 800 S. Bloodworth St., and attempted to rape her.

Threatened With Gun
Miss Ray stated she had her hand over her mouth, then told her that if she screamed, he had a gun in his pocket and would use it.

At this time, the victim said she spotted a man walking down S. Bloodworth Street and screamed at him.

Robert Everett, Jr., 23, of 536 Ellington Street, told the officers he heard Miss Ray's scream, and started to investigate, but the suspect ran away.

Officers were able to find the would-be rapist's watch, which was apparently broken during the struggle, and one of Miss Ray's earrings, both in the backyard area of the melee, "which had been disturbed," they added.

These two items were turned over to Detective Sps. R. L. Ennis and L. T. Williams, for further investigation.

Miss Ray was not injured seriously.

Mrs. Donnell

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She is survived by her husband; a brother, Edward Merrick, retired treasurer of the North Carolina Mutual; a sister Mrs. Mable Bruce, Winston-Salem; a number of nieces and nephews.

Ex-Cabbie

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self in his restaurant and vowed to fast for 30 days to call attention to his plight. However, when SBA officials came to pick up the equipment, Young admitted he had been eating regularly.

The removal of the equipment resulted from Young's failure to make any payments on the \$19,500 loan, said SBA officials, who added, "We had to protect our collateral."

Young came to national attention when he befriended a wandering rabbi and found him lodging.

As a cab driver, he was noted for providing free newspapers, cigarettes, chewing gum, umbrella service and other extras to his fares.

Candidates

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but there are some who feel that Seymour could give Jordan trouble.

The veteran Harold D. Cooley finds himself again against the ropes, this time in his own party. James Gardner who opposed him in the general election gave him the scare of his life. He has as opponents in the primary William A. (Bill) Creech and Columbus M. Tart. Both have campaigned strenuously, but the veteran is given the edge. Gardner will oppose whoever is the victor, whether Saturday or in a runoff.

Thomas D. Bunn, Samuel H. Johnson, A. A. McMillan and Basil Sherrill, incumbent members of the House of Representatives, have Peter J. Beenen, Eugene Boyce and Howard Twigg to contend with. This is believed to be anybody's race. There will be a county commissioner selected for District No. 3. William J. Booth is fighting it out with Everett L. Hicks for this post. Two women are vying for the right to represent District No. 3 on the Board of Education: Mrs. John Q. Adams and Mrs. Mary Matthews Gentry.

The matter of more money for supplement school purposes will be voted upon. The voters are being called upon to say whether a ceiling of 50¢ per \$100 valuation should be levied as against the 32¢ now being used, with the right to operate schools of higher standards by supplementing any item of expenditure in the current expense school budget.

Concerned Lass

Little Edna seemed to be enjoying herself thoroughly at the zoo with her father. As they were looking at the lions, however, Edna began to look very troubled. Her father asked her the trouble. "I was just wondering, Daddy," she replied in a fearful voice, "if a lion broke loose and ate you—what bus do I take home?"



FINALS HELD FOR CIVELLA BEAUTY COLLEGE - Civella Beauty College's commencement exercises were held at Martin Street Baptist Church Sunday, May 8. Speaker for the occasion was Mrs. Dorothy Barnes, president of Raleigh Business College. Graduates are, front row, left to right: Emily Mascot, Elgie Whiteley, Beulah Tuck, Jacqueline Mitchell, Pearlina Livingston, Joan McKay, Betty Ward, Christine Lewis, Lottie Batts, Ernestine Vinson, Betty Smith, Elizabeth Jones, Betty Sue Johnson. Back row: Mary Lee Brooks, Mildred Chavis, Vera Clifton, Linda Perry, Shirley McLean, Elizabeth Robinson, Ada Parrish, Delores Gibbs, Jannie Johnson, Ellen Powell, Pattie Barr, Vasthi Young. Those not shown: Hilda Johnson, Gladys Young, Thurman Hill, Diana Rogers, Gwendolyn Soloman, Lorraine Chance.



R. PEYTON WOOLSON III, chairman of the Board and chief executive officer of Occidental Life Insurance Company of North Carolina, has been named to a vacancy on Shaw University's Board of Trustees.

Franklin County Native Observes 101st Birthday

It is good news when word comes from the experts that the life span is steadily lengthening and those of us who expected to live three score and ten can take fresh courage from Miss Virginia Wilder, a native of Franklin County, who cele-

brates her 101st birthday Sunday in Greenwich, Conn.

Celebrating record-breaking birthdays have become a fashion in the First Baptist Church of Greenwich and her many friends and fellow members looked forward to the event with much anticipation. There was the cake-cutting and many returns of the day as the celebrants crowded around her. She



MISS VIRGINIA WILDER

has lived in the Conn. town for 21 years after spending 80 years in Franklin County.

She held membership in the First Baptist Church of Franklin and was a familiar figure there. She enjoys working in the church and eventhough she has passed the century mark, her enthusiasm has not diminished.

She is the aunt of Mrs. Myrtle Massenburg, 310 W. South St., Mrs. Ida Yarborough and Sathiel Yarborough, 1012 Manly Street, all of Raleigh. She also has two other nieces, Mrs. Geneva Thompson, of Greenville, Conn., and Mrs. Sarah Cook, New York.

Dr. Rudolph Jones, president elect NCTA, presided over the program.

Mrs. Gertrude Hurst, who was instrumental in getting the Hammocks property donated to the teachers, was unable to extend the official welcome as planned. She had recently sustained a broken arm, and the cloudy weather affected her physical condition. Eventhough she could not attend the program, a contribution is being considered for her, expressing appreciation and great esteem by teachers.

The "Occasion" was given by E. B. Palmer, executive secretary, NCTA. Greetings were brought by Dr. S. E. Duncan, NCTA president; Mrs. Dorothy B. Jackson, NCACT president elect; and Mrs. Maude F. Freeman, representing the Retired Teachers. The special guest (Mr. Walker) was introduced by Mrs. Margaret Wilson, NCACT president.

The line of persons desiring to make the trip to the State Park by ferry was continuous throughout the day. Hundreds of persons returned home disappointed because of inadequate ferry service to the park. A remedy for this condition is being considered by the State Parks Committee through the State Highway Department, said Collins in his expansion report.

SWANSBORO - The Hurst Assembly Building at Hammocks Beach in Swansboro was filled to more-than-capacity as teachers and visitors heard program plans for the Hammocks Expansion during the Annual Pilgrimage celebration on May 21. According to W. E. Collins, Hammocks Expansion Director, the 16th Annual Celebration had the largest attendance.

BIBLE VERSE

"Prepare your hearts unto the Lord, and serve him only."

- 1. To whom were these words spoken?
- 2. By whom?
- 3. What is their meaning?
- 4. Where may they be found?

Answers To Bible Verse

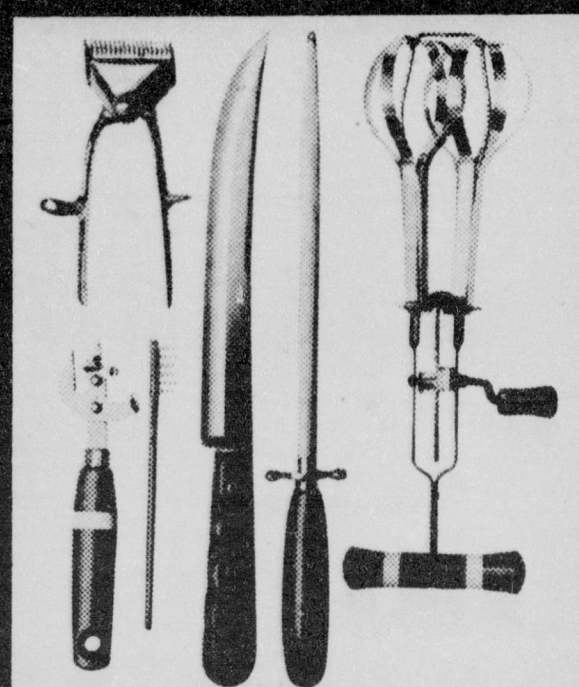
- 1. The children of Israel.
- 2. Samuel the prophet.
- 3. The heart of love, he also wants the heart of service.
- 4. 1 Samuel 7:3.

IMPORTED RARE SCOTCH



\$4.30
\$4.15 QT

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