

**SCIENTISTS . . . at work**  
The popular idea of a scientist is an old man with an absent-minded expression hunting through a microscope for something that wouldn't be any use if he found it.

I wish I could take every one of my readers through one of the great industrial laboratories with which I am familiar, and in which I have often watched scientists at work. One of them employs more than a thousand young men, each of whom has a university Doctor's degree, in chemistry, engineering or philosophy, and has had to prove his ability to do original research work before he could get his job.

They are very far from being the odder dodos which the public imagines men of science to be. They are as keen, human and interesting a group of men as I have ever encountered anywhere. Their prime purpose is to find ways to make the telephone work faster, better and cheaper. But as byproducts of their discoveries such inventions as talking pictures, chain broadcasting, television and many other things have come out of that laboratory.

**PROGRESS . . . a look back**

I have little patience with the common complaint that inventions and machinery have brought the world to ruin. Exactly the opposite is true. Who would be content to go back, even to the days of my own boyhood?

I can remember when there were no telephones, no electric lights nor electric power, no airplanes, no motion pictures, no phonographs, no typewriters, no Portland cement, no bathtubs or plumbing to speak of, no gas engines, no automobiles, of course, and not even my bicycles. Wireless telegraphy and its offspring, radio broadcasting, were undreamed of; the dirigible aircraft was a romantic novelist's fantasy.

I could fill this column with products of the application of science by invention to serve humanity. I think the world is better off.

**HEALTH . . . life saver**

I saw a notice posted in a New York subway car the other day in which the Health Commissioner pointed out that only 37 babies died in the big city of diphtheria last year, whereas several thousand died of it annually only a few years ago. Antitoxin has put an end to this massacre of the innocents.

One by one, in my own time, I have seen the scourges of mankind vanish under the advance of medical science. Smallpox, bubonic, yellow fever, malaria, typhus, typhoid, tuberculosis, scarlet fever, all the long list of diseases that took high toll of human lives when I was a boy, have been banished or are rapidly being conquered by the forward march of civilization and the steady advance in medical knowledge and public hygiene measures.

**CANCER . . . needs research**

One of my friends lost his wife a few months ago. She had a cancer. The other day he told me that he had been inspired to investigate the whole subject of cancer, and was surprised to find that nothing that could properly be called scientific research by modern methods had been undertaken, into either the cause or the possible cure of this most dreadful of all diseases.

My friend is a man of scientific training, familiar with the methods of the great research laboratories. "I am sure," he said, "that with three or four million dollars available, with which to hire competent chemists, biologists and pathologists, any of the big industrial laboratories could find the cause of cancer and a cure for it in a few years."

It is easier to get money with which to do research that is expected to result in more money, than it is when nothing more important than human lives is involved.

**BLOOD . . . four types**

The transfusion of blood from one person to another has become such an established method of treatment in various conditions that every important hospital has a list of "blood donors." These are men or women who are willing to part with a pint or more of blood for a fee of \$25 or so.

Medical men learned through this work of blood transfusion that there are four distinct types of human blood, and that it is necessary to be sure that the donor's blood is of the same type as that of the patient. These four types are known as "O," "A," "B" and "AB."

The tests for these blood types are so positive that recent examinations of the muscle tissue of Egyptian mummies, who have been dead for several thousand years, prove that these inhabitants of the Nile country in the time of the Pharaohs were all of a single blood type, the "B" standard.

Men of science are beginning to think it likely that there are four original races of human beings, whose blood types persist in their descendants. Nobody, or only a comparatively few of the earth's inhabitants, is of unmixed racial strain. But the blood type will tell which strain is dominant in any given individual.

## CULPRITS KILL MOST OF TROUT AT HATCHERY

**Smathers at Loss to Know Why State Property Should Have Been Maliciously Invaded. Practically All Breeding Fish Are Destroyed and 700 Good-sized Trout in Another Pool Perish. Third Hatchery Raid.**

Almost a hundred tremendously large trout, used for breeding purposes at the Rutherford Fish Hatchery, and 700 lesser game fish perished during the early morning hours Sunday, after some unknown prowler had diverted the water supply from the reservoir at the State plant. Only thirteen of the big fish remained alive.

The gigantic trout which had been reared and nurtured by Mr. Smathers to a point of greatest utility, weighed from two to five pounds and represented the rainbow, brown and speckled varieties. The smaller ones were brook trout from 6 to 9 inches in length.

Visitors never tired of gazing into the crystal waters where the big fellows played, and oftentimes Mr. Smathers, the manager, cast food into the pool between times so that those who visited the popular recreation spot might revel in the antics of the gamey tribe. Accordingly, there has been great indignation among the people of this section as a result of the wanton destruction, and there is concerted demand for the capture of the criminals.

When Mr. Smathers discovered the depredation early Sunday the fish were distributed among residents of the community and town.

**Third Raid on Pools**

Mr. Smathers, the genial manager, is quite at a loss along with the other citizens to understand just why his enterprise should be the center of continued attacks by vandals. It is recounted that this is the third time fish have been destroyed. First a great number of the breeders were dipped from the pool, later some poison substance was placed in the water and several hundred pounds of trout were buried as a result.

The Rutherford hatchery has supplied the mountain streams of several counties with trout for many years, and is regarded as one of the county's most useful and attractive enterprises. A threat to discontinue the plant last winter caused a flare-up among local citizens, and a delegation from Boone finally succeeded in having the plant discontinued. Local sportsmen feel that could vigorous punishment be meted out to the culprits, Mr. Smathers could proceed with greater assurance and that there would be less likelihood of further action toward discontinuing the operation.

## WILL REGISTER UNEMPLOYED

**Re-employment Service Representative Will Be in Boone Friday to Renew and Register Workers in County. Veterans to Report.**

Information coming to The Democrat from Mr. R. L. Wooten, head of the re-employment service in North Wilkesboro, is to the effect that a representative of that service will be in Boone Friday, June 29th, from 9:00 o'clock a. m. to 5:00 p. m. for the purpose of renewing and registering the unemployed for work in this county.

Mr. Wooten especially asks that any ex-service man or veteran desiring work should report at this time and give their names, as they will be given preference in all cases where they are qualified for the work in question.

Since the local employment office was closed, employment in Watauga County is handled through the North Wilkesboro district office.

## Tourist Excursions Over Narrow Gauge

Following the popularity of the excursion to Johnson City last Monday, the management of the Linville River Railway Company has decided to make these trips each week during the month of July. A round-trip fare of \$1.00 will be collected, stops will be made in the Doe River Canyon, and the most rugged scenery to be found on any line in Eastern America will be enjoyed by summer visitors to the mountains. A three-hour stay in Johnson City has been arranged.

Last Monday about 175 teachers from Appalachian College and other visitors made the trip over into Tennessee.

Rev. W. L. Trivett will speak at the Advent Christian Church next Sunday morning at 11 o'clock. His subject will be "The Thousand-Year Millennium and the Binding of the Dragon." The public is invited to attend.

## Noted People Pay Visit to Watauga County



Shown above (left to right) are Mrs. Josephus Daniels, of Raleigh; Mrs. Harold L. Ickes, of Washington, wife of the Secretary of the Interior and a member of the Illinois State Legislature; and Mr. Daniels, Ambassador to Mexico. They were visitors in Boone and Blowing Rock a few days ago en route to the Great Smoky Mountains Park and the Daniels summer home at Lake Junaluska. They are pictured on the patio of the Biltmore Forest Country Club, Asheville, after having been guests of friends at a luncheon there. (Cut courtesy Asheville Citizen.)

## BURKE ASKS FOR SECOND PRIMARY IN SEVENTEENTH

**Taylorsville Lawyer Asks for Contest After Investigations Reveal That He Ran Second to Rousseau in First Voting. More than Six Hundred Votes Thrown Out in Alexander Hearings.**

J. Hayden Burke, well known Taylorsville attorney, Monday evening gave out the information that he had asked for a second primary in his race for the judgeship of the Seventeenth District, when an investigation revealed that he had run second to J. A. Rousseau, of North Wilkesboro, in the balloting on June 2nd.

Thus is written another chapter in one of the hardest fought political battles witnessed in this section for many years. Interest has been intense in the final outcome of the contest in Watauga, although this county is no longer in the district.

Local political observers for the most part had slated Mr. Burke as an easy winner, but when the votes were checked he was only about 100 in the lead of Rousseau. Mr. Rousseau promptly challenged the result of the voting in Alexander County, alleging that there had been indiscriminate voting of Republicans, and that the sum total of the home-county vote for Mr. Burke exceeded the Democratic registration. Mr. Burke's friends promptly alleged gross irregularities in the Wilkes voting, and the State Board of Elections held hearings in Taylorsville and North Wilkesboro last week to ferret out the charges.

In Alexander the board took from Mr. Burke more than 600 votes, and the chairman of the election board was dismissed. Thus Rousseau amassed a five hundred lead. In North Wilkesboro 30 absentee votes (27 of them for Rousseau) were thrown out on account of "minor technicalities," after many had testified to rather glaring irregularities on primary day. The board indicated that some of the North Wilkesboro charges would (Continued on Page 8)

## Grand Lecturer With Local Masons this Week

Mr. J. T. Marquette, Grand Lecturer of the Masonic Lodge of North Carolina, is spending the week with local Masons and lectures are being given both day and night. Mr. Marquette, it is said, will devote the entire week to the local Lodge and classes may be arranged to suit the convenience of all members.

## Asks Second Primary



J. Hayden Burke, of Taylorsville, who has entered a second primary with Julius A. Rousseau, North Wilkesboro, for the Democratic nomination for judge of the Seventeenth District.

## BUILDING & LOAN MAILS OUT CHECKS

**More Than \$4,000 Being Distributed to Owners of Prepaid Stock on Eve of Opening of New Series. Mr. Gragg Reports Progress.**

Four thousand and twenty-seven dollars representing the semi-annual interest payments on prepaid stock in the Watauga Building and Loan Association, is being mailed out this week to the shareholders. These earnings are distributed among 200 investors, most of whom reside in Watauga County, and Mr. W. H. Gragg, secretary of the Association, calls attention to the fact that the association has continued to pay its regular dividends on time right through the business depression. It is indicated that installment payments are being made with remarkable promptness, and that a number of homes are now in process of erection through the aid of the association.

In announcing the opening of the new series July 1, Mr. Gragg says that indications are bright for a considerable increase in stock sales, and his office is anxious to be allowed to explain the varied benefits to be derived from a connection with the Building and Loan.

## INJURIES FATAL TO W. HARRISON BYRD; BURIAL AT FOSCOE

**Prominent Watauga Man Succumbs in Hickory Hospital. Victim of Automobile Collision. Was 67 Years Old. Had Served for Long Period as Deputy Sheriff. Widow and Three Children Survive.**

William Harrison Byrd, prominent citizen of the Foscoe community, died in a Hickory hospital last Friday, where he had been taken three weeks previous for treatment for injuries he received in an automobile collision at Granite Falls. Damage to the spinal column is credited with having produced death. He was 67 years old.

Funeral services were conducted at Foscoe Saturday afternoon in the presence of a large gathering of friends of the family. Rev. S. E. Gragg of the Adventist Christian Church was in charge of the obsequies and interment was in the family cemetery.

The pallbearers were: W. R. Brewer, D. P. Wyke, C. P. Moore, Stanford Coffey, N. F. Church and Don Calloway.

The large floral offering was borne by Sibyl Calloway, Margaret Moore, Mira Church, Minnie Coffey, Neva Calloway, Virginia Church, Louise Wyke, Nannie Byrd, Snow Byrd, Snow Moody, Maxine Moody and De Etta Townsend.

Surviving besides the widow are three children: Baxter Byrd, Los Angeles, Calif.; Mrs. Winnie Rowe, Valle Crucis; Letcher Byrd, Banner Elk, R. F. D.

Mr. Byrd was born January 7th, 1867, in the Clark's Creek section of Watauga County, a son of Mr. and Mrs. Carson Byrd, and had spent the greater part of his life in this section. He was a farmer by occupation, but lately had given much of his attention to the development of a tourist camp and recreational center on his place.

For a long time Mr. Byrd was a deputy sheriff, and throughout his life was always willing to aid in any manner the uniform enforcement of the laws of the land. Mr. Byrd was well known throughout Watauga and adjacent counties, and was of a staunch type of citizenship, honorable, industrious and charitable. He will be gravely missed in his native county, and there is genuine sorrow because of his tragic death.

Mr. and Mrs. Frank Moore and daughter, Martha, and Mr. and Mrs. Clyde Winebarger spent Sunday in Wilkes County with Mr. Moore's parents.

## INSTITUTE HAS MANY NOTABLES ON ITS PROGRAM

**Civic Relationship Study Being Conducted this Week at the Appalachian College Will Feature Attorney General and Commissioner of Revenue. Mrs. O'Berry and Other Notables Take Prominent Parts.**

The Institute of Civic Relationships being conducted by the Appalachian State Teachers College this week is the first big unit in Appalachia's good citizenship work this year. A group of leaders, especially prepared to speak with authority in their respective fields, have been secured for this occasion. Formal meetings are held in the college auditorium each day at 11:30 in the morning and 7:30 in the evening with conference and organization work in the meantime.

It is expected that through the 800 public school teachers in attendance, the constructive work of the institute will be carried into all parts of North Carolina. The following are some of the subjects and the speakers:

**Program for Week**

Monday, June 25: 11:30 a. m., "Living Safely in the World of Today," Marian Telford, safety specialist of the National Council of Safety; 8:00 p. m., "Beautiful Homes and Highways," Walter J. Cartier, secretary Carolina Motor Club, Charlotte.

Tuesday, June 26: 11:30 a. m., "The New Deal for Rural North Carolina," Dr. J. E. Forster, State College, Raleigh; 8:00 p. m., "Crime and Punishment," Albert Coates, director of Institute of Government.

Wednesday, June 27: 11:30 a. m., "The New School for the New Citizen," Mrs. Clyde Milner, president N. C. Division A. A. U. W.; 8:00 p. m., "Shall We Amend the Constitution of the State of North Carolina?" Dennis M. Brummitt, Attorney-General of North Carolina.

Thursday, June 28: 11:30 a. m., "Shall We Amend the Constitution of the State of North Carolina?" A. J. Maxwell, Director State Revenue Department; 8:00 p. m., to be left open for co-operation with conference at Greensboro.

Friday, June 29: 11:30 a. m., "The North Carolina Teacher a Citizen," Julia B. Warren, secretary of the N. C. Education Association; 8:00 p. m., "The Responsibilities in Human Values Reflected in the New Deal," Miss Harriet Elliot, N. C. Relief Commission; Mrs. Thomas O'Berry, State Relief Commission.

## MINIATURE GOLF WINS COME-BACK

**Local Course Opens Tuesday Evening with Bob Swan in Charge. Band Concerts Each Evening and Special Matches Being Arranged.**

Tom Thumb Golf, which enjoyed a mushroom popularity a couple of years ago, has come back strong, according to Bob Swan, popular college student who opened the miniature course on the Dr. Jones property Tuesday evening, and considerable interest attaches to the revival of the enjoyable recreation.

Band concerts are featuring the evenings, and the newly-remodeled course, set among giant maple trees, bids fair to become the recreational center of the town during the summer months. Matches were arranged for the opening night between Attorney John E. Brown and Paul Coffey, of the Watauga Bank, while Jim Rivers of the Watauga Democrat and Lee Stout of the Standard Oil Company provided a share of the merriment.

Mr. Swan states that the course will be open all the time and invites the public to gather for the music and other entertainment, even though some may not care to go around the course.

## MANY CATTLE ARE TO BE PASTURED

**Beef Stock from Drought Areas Will Be Grazed by Watauga Landowners. Five Hundred and Sixty Head Placed; 1,500 Expected.**

Large numbers of beef cattle from the drought areas of the Middle West are to be grazed in Watauga County this season at Government expense, it has been learned. Mr. W. E. Shipley, well known cattleman, has been assisting the relief officials in securing the pasturage for the cattle, and told The Democrat the first of the week that grazing had been secured for 560 head and that more than fifteen hundred would be imported in all.

Large tracts are being sought for the grazing, the rule being to place the cattle in car-load lots. The pasturage is being paid for by the Federal government as a part of the emergency relief program.