

RESOURCES OF NORTH CAROLINA ARE UNLIMITED

Splendid Conditions Shown in Report of State Geologist.

Raleigh, June 26.—The report of progress submitted by State Geologist Jos. Hyde Pratt was the principal feature of the mid-year meeting of the State Board of the Geological Survey, held today in the executive offices of Governor Craig. This report showed especially gratifying progress in the co-operative highway work, especially since the placing of D. Tucker Brown in the field as engineer through the co-operation of the geological board and the North Carolina Good Roads Association last February. He is giving expert assistance in many counties, and materially quickening interest in road building.

The co-operative work has been carried on in connection with the construction of about 110 miles of highway during the past year, the principal stretches of these roads lying in Henderson, Buncombe, Columbus, Franklin, Alamance, Randolph, New Hanover, Orange, Stokes, Rockingham and other counties.

The geological board decided to co-operate with the University of North Carolina and the State Good Roads Association in the making permanent of the annual good roads institutes, the initial one of which was so successfully held at Chapel Hill recently.

As to forestry work, the report showed press bulletins recently issued as to the forest values in Warren, Orange, Durham, Randolph, Alamance, Rockingham, Guilford and other counties. The forest fire losses for the year were represented as aggregating \$700,000, the largest ever reported in this State. There were just 554 forest fires reported, there having been, however, considerably more than that number in the State.

There was a special report on the quantity and value of loblolly, or North Carolina pine, in this State. And a report on the mineral developments in the State for the past year, the latter showing that the value of minerals taken for 1913 amounted to \$3,961,000, the largest amount in the history of the mining in this State.

Mr. Pratt reported that he is just back from Ashe county, where he personally looked into the commercial value of iron ores in the county, and expresses conviction that the deposits are of much commercial value, and that they can be most profitably developed now that railroad facilities are being provided, these having already reached some of the most attractive of the iron ore deposits.

Members of the geological board here today for the meeting were Mr. Hugh MacRae, Wilmington; W. H. Williamson, of Raleigh, and Dr. Pratt.

Change in Post Cards.

Washington, D. C., June 25.—The portrait of Thomas Jefferson, the "father of democracy," to displace that of William McKinley on postcards, was announced by the the Postoffice Department today.

The cards will be of the usual cream color, printed in green.

To Cross The Sea In Air Ship.

The Rodman Wanamaker seaplane is nearly finished and within a few days its parts will be packed for the trip to Newfoundland, from which place Lieutenant J. C. Porte, the British naval officer, and his assistant, George Hallett, will attempt the flight across the Atlantic. They will likely sail during the first week in July. Their course will be from Newfoundland to the Azores, then to the Spanish coast north of Portugal, and on to Southampton.

The airship has been built in the yards of Mr. Curtiss at Hammondsport, N. Y., where many aeroplanes have been constructed. Mr. Curtiss has superintended the work.

Lieutenant Porte is confident he will make the journey safely. Should everything prove satisfactory the middle of July may see Lieutenant Porte and Mr. Hallett in England, the first men to sail across the Atlantic.

Dr. Champion Joins State Health Forces.

The State Board of Health announces an addition to the field force of the Hookworm Commission in the person of Dr. Merrill E. Champion.

Dr. Champion is well equipped, being an A. B. and M. D. graduate of Harvard, and holds a certificate of public health from Harvard University and Massachusetts Institute of Technology. He brings to the force an experience gathered during the last eight years as health officer of Arlington, Massachusetts, a work which he conducted with marked success, and he joins those other members of the force who are devoting their life to this new, attractive and important field, preventive medicine.

Dr. Champion left Tuesday for Nash county to begin a "clean up" campaign in the Red Oak community, following the plan of work already established in Sampson, New Hanover and Robeson counties.

The Chestnut Bark Disease.

The destructive chestnut bark disease or blight has recently appeared in several new localities farther southward in Virginia. It may be expected to reach the North Carolina border this year or next. From now until frost comes a close lookout should be kept for it. If the first infections are recognized, and the trees immediately utilized, the disease can be checked. Let every one keep an eye open for the first appearance of the disease, and see that proper steps are taken to prevent its destructive spread to the valuable chestnut timber of our mountains. Dead branches here and there in a tree with brown leaves clinging to them are the most conspicuous sign of this disease. Dead bark areas girdle these limbs. Reddish-brown dots the size of a pin head are scattered over these bark cankers. Myriads of the germs of the disease are in each dot ready to be carried by dripping water or by wind or by birds to chestnuts or chinquapins near by or several miles away. If any suspicious symptoms are seen, notify at once the Department of Plant Disease, Agricultural Experiment Station, West Raleigh, N. C.

BRYAN AT REIDSVILLE.

Secretary of State Will Deliver Chautauqua Address On July 4.

Reidsville, June 26.—When William Jennings Bryan arrives in Reidsville early on the morning of Saturday, July 4, he will find the city of Reidsville dressed in her Sunday clothes. Practically every business house and residence will be flying gay colors of red, white and blue in honor of his coming, and the town colors of orange and black will be everywhere in evidence. He is coming under the auspices of the chautauqua.

The premier of the Wilson cabinet will be received by a committee and entertained lavishly while in the city. This committee is composed of Messrs. S. C. Penn, chairman; R. P. Richardson, John T. Oliver, W. R. Dalton, C. O. McMichael, R. S. Montgomery, Ira R. Humphreys, Scott Fillman, P. W. Glidewell, Robert Hairston, Francis Womack, R. L. Watt, W. A. Trotter, and Drs. J. W. McGehee and S. G. Jett.

The chautauqua will be on for several days, beginning Thursday, July 2.

Crimson Clover.

Too much cannot easily be said in favor of crimson clover, but a word of caution is advisable.

I have seen much more good crimson clover in the middle South this season than ever before. In fact, some of the fields have been simply magnificent in the large growth of the plants and then rich crimson beauty, and if I mistake not the acreage sown this fall will be tenfold that ever sowed before. This is why I wish to issue a word of advice. The crop is such a good one that nothing should be omitted that will encourage its growth on an extensive scale all over the Cotton Belt; for I am now, after many years' observation of it all over the South, thoroughly convinced it is the best of the winter legumes for the Cotton Belt and that it will grow anywhere in the South on land that grows corn, cotton and other field crops, if given proper treatment. Unfortunately, however, it has its weakness. This is the difficulty in getting a stand some seasons. It is killed after coming up or fails to germinate during some of our exceedingly dry hot fall weather. If sowed too early, it may germinate early and be killed by the dry, hot weather, or if it fails to germinate promptly on account of the dry weather, after it does come up it may be killed by early frosts. On the other hand, if sowed until late, the same result may follow a hard winter.

Last fall, over a large part of the middle South, conditions were almost ideal for sowing crimson clover and there were practically no failures, although much of it was not sowed until late in October and even until November.

We wish to caution our readers against too late sowing, for failures are common enough at best, or when sowed early—first half of September in the northern half of the Cotton Belt and not later than the first half October anywhere — The Progressive Farmer.

J. N. YOUNG

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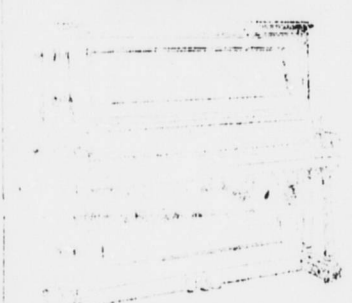
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Protracted Meetings.

Protracted meetings will begin at the following times and places:

- Sandy Ridge, July 12th.
- Delta, July 26th.
- Davis' Chapel, August 9th.
- Smith's Chapel, August 23rd.
- Vade Mecum, September 6.
- Union Hill, September 20th.

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