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R. J. SCHAD & BRO. No. 6 N. Allegheny St., BELLEFONTE, PA. 42-43-44.

OFFICIAL RETURNS OF CENTRE COUNTY, NOVEMBER 7th, 1899.

Table with columns: BOROUGHS AND TOWNSHIPS, Governor-'98, Treasurer, Sup. Judge, Superior J., Sheriff, Treas., Regist'r, Record., Commissioners, Auditors, Coroner. Lists various townships and their respective officials and statistics.

Democrat Watchman

Bellefonte, Pa., Nov. 17, 1899.

The Earth's Biggest Tree.

A Giant Redwood Tree Stood Near Fresno. Only Its Stump is Now Left. But That is the King of Stumps—One Hundred and Forty-four Feet Around and Forty-five Acres.

How many San Franciscans are aware that within twelve miles of the city once stood the biggest tree that ever reared its colossal form on the face of the globe, so far as the knowledge of man extends, or that only four miles further on there stands a grove of giant redwoods more extensive than the Mariposa or Fresno forests, and scarcely second to them in girth and height.

Recently among these giant redwoods there was a little gathering of an out-door school of forestry, in session for a day. At the request of several school principals in San Francisco, Thomas Hatch, honorary agent of forestry and fisheries from the United States to the Paris exposition, took a class of grown men and women into the heart of the woods and initiated them into some of the mysteries of Mother Nature's methods. There were present J. M. Hutchings, a botanist of note; Gustav Hergert, in charge of the literary department of the California Paris exposition; William Edward Dargie Jr., assistant secretary; W. H. McNeil, who represents the viticultural interests of California, and the official photographer of the commission; W. W. Selwick and a number of private citizens. Leaving the train at Mill Valley, a walk of a quarter of a mile brought the party to the mammoth stump, which was duly photographed and measured. The stump is precisely 144 feet around the base, at the surface of the earth, and 45 feet in diameter. A thousand people could find standing room within it, and the little group of 20 persons caught by the camera was almost lost in the broad space.

When it is considered that the biggest tree whose measurements have been recorded in any of the "big groves" of California is only thirty-three feet in diameter, the pre-eminence of this ancient monarch becomes apparent.

The old stump forms one of the redwood "circulars" so common along the coast wherever trees of the species have been cut or burned. Around the outer circumference are some thirty or forty young trees, varying from 10 to 20 inches in diameter, and rising to a height of 80 to 100 feet. These represent the third growth from the parent tree. Within these are the remnants of stumps, varying from 3 to 5 feet in diameter, cut for the old sawmill, whose ruins a hundred yards distant, give a name to the valley. Competent authorities estimate this growth to have been 400 to 500 years old at the time it fell beneath the woodman's axe. Within and extending beneath these are the remnants of the original tree, whose numerous girth has been quoted. At the time of its discovery the inclosure was unbroken. The three openings through which the visitor now finds entrance were cut by Jacob Gardner, present superintendent of the tract belonging to the Tamalpais Land and Water Company, to whom the land on which it stands belongs. Mr. Gardner has lived on the land for thirty-two years, and was present with the company of visitors. He explained in detail the condition in which he found the stump when he first came upon it, removing the last vestige of doubt as to its being the complete base of one tree. To satisfy himself further that a giant tree had once occupied the entire space within the circle, at the time he cut the openings, many years ago, he took a spade and assisted by another man, yet living, dug down through the soil, accumulation of the ages that had passed since the original burl rotted away, and found there the old roots, solid and unaffected by time. Mr. Hatch interpreted the story of this tree, read in the light of redwood growth and decay, to-day to be found in all its stages throughout California forests.

"The old tree stood here—and, my son, what a monster it was—and around the base of the burl tender green shoots sprang up just as they are shooting up today from the slender sixty year old saplings of this third growth. These first sapplings grew into great trees, shutting off the air and sunlight from the parent tree. Now, a tree cannot live without air and sunlight, any more than a man, and so the foliage of the parent tree burned yellow and fell and its limbs decayed one by one, and then decay ate into the heart of the ancient tree, and gradually it crumbled to dust, and some of this dust was blown away by the winds, but the most of it, wet with the winter rains, served as food for its offspring, which they greed-

ily absorbed. But they were punished for their selfishness and gluttony, for the woodman came along and found that they were big and large enough to make good lumber so he cut them down. Then, from their base—and what a wonderful vitality the redwood tree has—where the old stump retained life they green shoots again sprang up, and made the third growth, which will in time be smothered and choked by its own progeny, these delicate shoots massed about their base, which you may break off with your hand today."

It is about four miles over the ridge to Redwood Canyon, a narrow vale hemmed in between fine wooded slopes, where the lesser giants stand in undisturbed majesty, jealously protected from fire or slaughter by the company as valuable adjuncts to their watershed. They occur singly and in groups, by hundreds and thousands, splendidly scattered along the steeply ascending winding road and to be described as far as the eye can penetrate beyond the point where road and trail come to an end.

Trunks from ten to fifteen feet in diameter are common. There are many that approximate twenty feet, and more than one that is twenty-five feet through and seventy to seventy-five feet in girth. It is not so easy to estimate their height, but Mr. Hutchings, Mr. Hatch and Mr. Gardner, all of them experienced woodmen and familiar with "the big trees," say that many of them are not less than 300 feet. The splendid groves are generally in portions of redwood circles, which cannot be perfectly followed owing to the breaks in their margins and the size of the parent tree cannot be reckoned with any certainty, as in the case of the big stump at Mill Valley, but no one can study the ground without being convinced that the present growth is a new growth covered with a forest of prodigious dimensions exceeding anything dreamed of in this age. The living trees that grow along this canyon are remarkable for their beauty and perfect symmetry, rising straight and clear from 50 to 100 feet in height, where their graceful foliage sprays out laterally, the limbs often having a slight downward droop, gradually tapering in length until they reach the top, where an arched plume of green crowns all. Sometimes they divide at a point twenty odd feet above the ground and twin stems grow side by side, with the same perfection of outline, the same straight trunk and the same growth with living moss on the north side. At the base fire and decay has in some cases hollowed a genuine cave. One of these is fully sixteen feet long and twelve feet across and might in a pinch house a fair sized family. Into still another fire has wrought a large, well lighted trunk and its hollow shell was charcoal lined, but the protecting bark was gradually extending itself around into the open doorway and covering the naked, charred hollow, one place forming a splendid burl, which would make a lumberman's eyes green with envy.

"This is the way a tree heals its wounds," said Forester Hatch. "The tree never rests. It is always at work performing its regular functions or repairing damages that time or accident make. After a while the new growth will extend through the tree forming a sound new lining to protect the injured wood and prevent decay."

There were other cunning devices of the tree to which the woodman could attend. All the way up the naked trunks he pointed out scarcely perceptible scars, mere pinholes cloaked and concealed with the healing bark where the first limbs of the trees had dropped off when no longer needed for protection. But the great scars where the big limbs have been torn away formed the text for the most interesting disquisition, and Thomas Hatch showed, by means of a section of wood sliced into thin layers, how the concentric rings, which form the exquisite wood grainings, can all be traced back to the knot and the hollow place that has rotted about it. Another peculiar habit of the redwood tree, which is perhaps the most vigorous growth in the entire vegetable kingdom, is frequently exemplified by roots sent out from half healed scars a foot or more above the ground, yet striking into it and fastening themselves there to send up new sprouts, which later on will make a desperate struggle to become trees. Further down the valley a fallen tree spanning a stream has sent sapling young limbs straight into the air, already grown to the stature and dignity of trees.

Mistaken.

Voice (from the top flat)—"Can't you see the sign in the hall there? No peddlers allowed in this building?"

Answering voice (from other end of speaking tube, loud enough to be heard through the building)—"I ain't a peddler ma'am. I'm the boy from the dentist's, with your new teeth."

—You ought to take the WATCHMAN

From North Dakota.

Longing for Home—Good Crops and Fair Prices in the West. An Old Centre County Boy Tells of Opportunities Offered on the Blizzard Flats of the Far West.

DEVIL'S LAKE, N. D.

Oct. 22, 1899.

EDITOR WATCHMAN:—I wish I were down in old Bellefonte this evening or in Zimmerman's orchard at Hecla park, my mouth is set just right for apples and cider.

We are having wet weather, lots of it, and warm, too. I wish it would clear off and get bright and frosty so we could go on with the threshing. This has been a fairly prosperous year; crops were rather under the average. I have not threshed yet, but the wheat where the ground was well cultivated, made a yield of upwards of twenty bushels to the acre. Flax is our best crop this year, yielding as high as twenty five bushels to the acre and is worth one dollar and twelve cents a bushel in the local market. Oats and barley yield from thirty to forty bushels to the acre and are worth thirty cents a bushel. Times are very good here and land advancing in price rapidly. A large amount of building is being done. Groves are being planted around most of the houses, and in a few years this part of North Dakota will compare favorably with Illinois in the neighborhood of Freeport. In soil and lay of land it is almost the same, and the profits from farming are greater here than there; land that can be bought for ten dollars an acre, will grow twenty five dollars, worth of flax to the acre the first year and keep it up indefinitely.

The oldest land in the township has been under cultivation for about eighteen years, cropped every year and yields now as well as it ever did. I would like to see a lot of Nittany valley folks come out here; plenty of men who are wearing out their lives on little stony farms along the mountain would, if here, soon be the owner of one hundred and sixty acres of as fine land as the sun ever shone on. As an illustration of the money value of the crops raised on our cheap lands let me mention my brother-in-law's farm joining mine. Three years ago he bought it for nine hundred dollars; this year he has turned hundred dollar's worth of crop on it, and only two thirds of it under cultivation.

If I come down there again this winter I will bring along some of the finest samples of wheat, oats, flax and barley you ever laid eyes on. I wish I could bring some of our big vegetables along, too. Three pound potatoes, beets as big as a peck measure, onions big as a man's fist, and everything else in proportion. I hear that your crops down there were very poor this year, and I am sorry for you; better come up here, you struggling renter, and get a slice of land of your own. Well, I must close now. I hope to see you and all my old friends before Christmas and if they all keep their promises to me I shall bring a car load back with me in the spring.

Yours truly, WILL TRUCKENMILLER.

Water in the Eucalyptus Trees.

The death of thirst was recently reported in one of the Sydney papers. The following day a correspondent wrote pointing out that in the eucalyptus forests of Australia no one should die of thirst, as all the young trees contain, even in the hottest and driest season, a never failing supply of very drinkable water. This can be obtained by cutting them into convenient pieces, say 12 to 15 feet, and standing them perpendicularly with the small ends down, a vessel being placed underneath to catch the water. From a quarter to half a pint may be got in this way in 15 minutes from a sapling or young tree of three or four inches in diameter.—Westminster Gazette.

EDITOR SEES WONDERS.—Editor W. V. Barry of Lexington, Tenn., in exploring Mammoth Cave, contracted a severe case of Piles. His quick cure through using Buckle's America Salve convinced him it is an other world's wonder. Cures Piles, Injuries, Inflammation, and all Bodily Eruptions. Only 25c at F. Potts Green.

Cubans Threatening War.

Hold Aloft the Motto, "Independence or Death." Little Faith in McKinley. Says he Has Spoken in Hieroglyphics, and When All Hope Has Vanished They Should Combine to Fight.

HAVANA, Nov. 6.—A committee of veterans went from Havana to attend a meeting of a local center of veterans. Much enthusiasm has been promoted among the veterans.

Senator Secades says that the veterans held aloft the motto, "Independence or Death," and have absolute faith in the promises of the American.

Nevertheless, he declares, if the sacred rights of the Cubans should be laughed at and their hopes of justice violated, then the voice of their wounded dignity and bleached honor would speak out in protest against all tyranny, even though that protest would mean suicide.

DOUBT MCKINLEY'S PURPOSE. "Better die an honorable death," exclaimed Senator Secades, "than live as slaves, carrying upon our foreheads the brand of eternal ignominy."

Senator Morlo, in addressing the meeting, said: "President McKinley has spoken to the Cubans in hieroglyphics; and there is good reason to believe that he will show bad faith toward us. If the dark day should come when Cubans realize that all hope is gone, it will be necessary then to make a solemn compact for war."

Senator Hernandez said that the veterans were prepared to die if it should be found impossible to realize their wishes for the independence of the island.

SPANIARDS URGED TO JOIN. The National party and Cuban League have organized a joint branch society at Vedado. At the opening meeting the principal speaker was Cristobal de la Guardia, who said:

"It is the duty of all Cubans to join this organization. Certainly the Spaniards, after fighting the United States in order to preserve their honor and after sacrificing Admiral Cervera's squadron, will not vote against independence when the question comes to a decision by ballot. If they did vote against it they would give the lie to all their honorable historical traditions."

Senator Gonzalez said that those who compared American civilization with Cuban ought not to take as a standard of American civilization the rich man who rode in a Pullman car, but should compare the lower classes of both nations, in which event they would find the Cubans immeasurably superior.

Hobart Knows He is Dying.

No Noticeable Change in the Vice President's Condition, but there is no Hope for Recovery.

PATERSON, N. J., Nov. 6.—No official bulletins were issued at the Hobart residence to-day, as there was no noticeable change in the Vice President's condition. When first taken ill the Vice President weighed about 200 pounds, and now he is down to about 125 pounds.

Dr. Newton said to-day that Mr. Hobart was slightly weaker. He denied that his patient was suffering from cancer of the stomach. The doctor said that Mr. Hobart takes a lively interest in news of the day, extending to the Boer situation and the coming election. Mr. Hobart takes no solid food and comparatively little liquid nourishment. His vitality, up to which he is living, is remarkable and his cheerfulness is a strong factor in sustaining the members of the family in their affliction. He fully realizes that his end is near.

Dr. Newton was asked what he thought of the chances of Mr. Hobart to survive during the week, and said that it was impossible to make even an intelligent guess, as his patient was liable to die at almost any minute, and might survive for several weeks, although his recovery was impossible.

Many People Cannot Drink

Coffee at night. It spoils their sleep. You can drink Grain-O when you please and sleep like a top. For Grain-O does not stimulate; it nourishes, cheers and feeds. Yet it looks and tastes like the best coffee. For nervous persons, young people and children Grain-O is the perfect drink. Made from pure grains. Get a package from your grocer to-day. Try it in place of coffee. 15 and 25c. 41-17

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WANTED—Several bright and honest persons to represent us as Managers in the city and close by counties. Salary \$500 a year and expenses. Straight, bona-fide, no reference, no salary. Position permanent. Our reference, if any bank in any town. It is mainly office work conducted at home. Reference, "Enclose self-addressed envelope." THE BOXING COMPANY, Dept 3, Chicago. 41-37-10w.

Attorneys-at-Law.

C. M. BOWER, E. L. OYSTER. BOWER & OYSTER, Attorneys at Law, Bellefonte, Pa., office in Primer Block, 44-45

W. F. REEDER, H. C. QUIGLEY. REEDER & QUIGLEY—Attorneys at Law, Bellefonte, Pa. Office No. 14, North Allegheny street. 40-22

B. SPANGLER—Attorney at Law, Practices in all the courts. Consultation in English and German. Office in the Eagle building, Bellefonte, Pa. 40-22

JAS. W. ALEXANDER—Attorney at Law, Bellefonte, Pa. All professional business will receive prompt attention. Office in Hale building opposite the Court House. 26-14

DAVID F. FORNEY, W. HARRISON WALKER. FORNEY & WALKER—Attorneys at Law, Bellefonte, Pa. Office in Woodring's building, north of the Court House. 14-2

H. S. TAYLOR—Attorney and Counselor at Law, Office, No. 24, Temple Court fourth floor, Bellefonte, Pa. All kinds of legal business attended to promptly. 40-49

W. C. HEINLE—Attorney at Law, Bellefonte, Pa. Office in Hale building, opposite Court House. All professional business will receive prompt attention. 30-16

J. W. WETZEL—Attorney and Counselor at Law, Office No. 11, Crider's Exchange, second floor. All kinds of legal business attended to promptly. Consultation in English or German. 39-4

Justice-of-Peace.

W. B. GRAFMYER, JUSTICE OF THE PEACE, MILESBURG, PENNA. Attends promptly to the collection of claims, rentals and all business connected with his official position. 43-27

Physicians.

W. S. GLENN, M. D., Physician and Surgeon at his residence. 35-41

A. HIBLER, M. D., Physician and Surgeon, offers his professional services to the citizens of Bellefonte and vicinity. Office No. 50 N. Allegheny street. 11-23

D. R. JOHN SPRINGER, JR., Physician and Surgeon, Office No. 12, South Spring St., Bellefonte, Pa. 43-38-17

Dentists.

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CENTRAL HOTEL, MILESBURG, PA. A. A. KOHLBERGER, Proprietor. This new and commodious Hotel, located opp. the State College, Centre county, has been entirely refitted, refurbished and replenished throughout, and is now second to none in the county in the character of accommodations offered the public. Its table is supplied with the best of the market and its bar contains the purest and choicest liquors. Its stable has attentive hostlers, and every convenience and comfort is extended to its guests. Through travelers on the railroad will find this an excellent place to lunch or procure a meal, as all trains stop there about 25 minutes. 24-24

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