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Large assortment of Remington  
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Machines shipped on  
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**TYPHOID** is no more necessary  
than Smallpox. Army  
experience has demonstrated  
the almost miraculous effi-  
cacy, and harmlessness, of Antityphoid Vaccination.  
Be vaccinated NOW by your physician, you and  
your family. It is more vital than house insur-  
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Ask your physician, druggist, or send for "Have  
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results from use, and danger from Typhoid Carriers.  
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PRODUCING VACCINES & SERUMS UNDER U. S. GOV. LICENSE

**Interrupted Communication.**  
"You don't mean to say that this is  
the first you've heard of it?"  
"Absolutely."  
"Why, it's the talk of the neighbor-  
hood."  
"Yes, but my wife is away on a  
visit."—Boston Transcript.

For destroying dirigible balloons  
Italian army officers have invented  
shells carrying oxygen and platinum  
sponges in their heads, the latter be-  
coming red hot on entering the hydro-  
gen and exploding the mixture of the  
two gases.

**W. L. DOUGLAS**

MEN'S & WOMEN'S SHOES	\$3.00
\$2.50, \$3, \$3.50	
\$3.75, \$4, \$4.50	
and \$5.00	
BOYS' SHOES	\$2.50
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Over 150 Styles All Sizes and Widths

YOU CAN SAVE MONEY BY WEARING W. L. DOUGLAS SHOES.

For 31 years W. L. Douglas has guaranteed the value by having his name and the retail price stamped on the sole before the shoe is made. This protects the wearer against high prices for inferior shoes of other makes. W. L. Douglas shoes are always worth what you pay for them. If you could see one carefully W. L. Douglas shoes are made, and the high grade materials used, you would understand why they look better, fit better, hold their shape and wear longer than other makes for the price. If the W. L. Douglas shoes are not for sale in your town, you can order them from the factory. Shoes sent where. Postage free in the U. S. Write for Illustrated Catalog showing how to order by mail. W. L. Douglas, 230 Spring St., New York, Mass.

A flexible wire window-screen that a Wisconsin man has invented is attached to the lower sash in such a manner that it unrolls and fills the window to whatever extent the sash be raised.

The Chilean government is giving much attention to the development of the coal mines of that country, which in time are expected to produce enough fuel to supply the home demand.

**HEAL YOUR ECZEMA QUICKLY WITH RESINOL**

No matter how long you have been tortured and disfigured by eczema or other itching, burning, raw or scaly skin humor, just put a little of that wonderful resinol ointment on the sores and the suffering stops right there! Healing begins that very minute, and your skin gets well so quickly you feel ashamed of the money you threw away on tedious, useless treatments. Used by doctors for 19 years. Resinol ointment and resinol soap also clear away pimples, blackheads, and dandruff speedily and at little cost. Sold by all druggists.—Adv.

This year marks the twenty-fifth anniversary of the first electric street-car service in the United States, the first car being operated at Lynn, Mass., in October, 1858.

Europe's largest steam-turbine is being built for the central power station of a German city, and is expected to develop 40,000 horsepower.

Flowers are regularly grown for the dining-tables and for sale in a greenhouse carried on the topmost deck of one of the new transatlantic liners.

**DENTAL HEADQUARTERS FOR OUT-OF-TOWN PEOPLE**

People from all parts of Oregon and Washington constantly visit our office for dental treatment. Our skill is acknowledged, and our promptness in finishing work in one day when required is appreciated by out-of-town patrons.

Dr. Wise is a false-tooth expert. There is "ALWAYS ONE BEST" in every calling, and Dr. Wise lays claim to this distinction in Oregon. 27 Years' experience.

What we can't guarantee we don't do.

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Good Red Rubber Plates, each ..... \$3.00  
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RELIABLE "PAINLESS" DENTISTS.  
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P. N. U. No. 47, 1914

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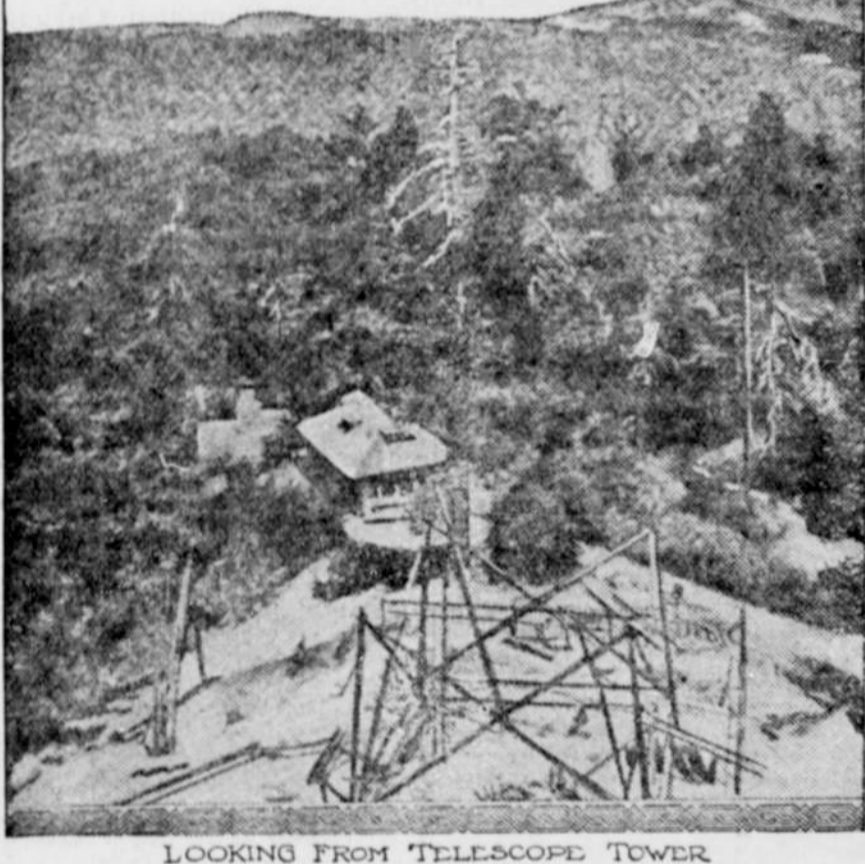
# On the top of Mt. Wilson

**A**N EXPEDITION to Mt. Wilson is no small undertaking. The mountain is 5,887 feet in height according to the geodetic survey. The altitude is usually given in round numbers as 6,000 feet, which is a pardonable exaggeration. The trip involves a climb of 4,000 feet—vertical—which is accomplished in a tramp of nine miles from the terminus of the Sierra Madre cars of the Pacific Electric system. This is called the Sierra Madre trail and is usually taken by foot passengers or by those who choose to make burros or mules do the fatiguing work, writes W. H. Knight in the Los Angeles Times.

But there is besides a so-called automobile roadway, of greater length and easier grade. It was built and is kept in good repair by the Carnegie Institution for the transportation of building material and also to bring up supplies to the astronomers, for although the latter devote their time to the contemplation of the heavens and seem to be dwelling in far-off celestial spheres, yet they are actually human and have cravings that can only be satisfied by consuming things of terrestrial growth.

**Observatory Will Be Massive.**

Up this Carnegie road 200 tons of steel have been transported for the construction of the new mammoth observatory which is to house the great 100-inch reflecting telescope, and before the observatory is completed that gigantic building will consume an additional 600 tons of structural steel. This will include the grand dome 100 feet in diameter, whose topmost point will be 120 feet from the ground. It will be by far the most massive build-



LOOKING FROM TELESCOPE TOWER

ing ever planned for, and devoted to astronomical use.

The members of the Astronomy club climbed the trail under the direction of Secretary Thomas P. Smith. Mr. Baumgardt, son of B. R. Baumgardt, lectured, and his friend brought up two fine portable telescopes which proved of great service on the mountain.

But there was another party whose adventures are worth noting. It was conducted by Vallette L. Benedict. The members of this little group ventured over another trail which proved to be full of surprises. They went up the Mt. Lowe electric road to Alpine Tavern, 5,000 feet elevation, and from there started for Mt. Wilson by one of the standard forest trails along the dividing ridge.

**Long and Tiring Hike.**

An optimistic signboard near the tavern reads "six miles, but who could suspect that it meant by air line, as the aeroplane flies? After hiking along their serpentine course for two hours, alternately climbing steep grades and dropping to lower levels, they came to another sign which read "five and one half miles." Overcome with the humor of the situation, they settled in a shady nook, opened up their noon lunch, which was washed down with a bottle of Bryan beverage thoughtfully provided by the president, and doubly appreciated, for there was not a trickle of water on the whole route.

But the scenery was magnificently grand. There were fascinating views of Alpine peaks, some of them wooded to the summit with giant pines and spruces, others basted by granite crags which pierced the clear blue sky, and on either hand deep verdure-clad canyons leading off through interminable vistas to other lofty mountain ranges. And a special charm of these beautiful scenes was their endless variety.

At four o'clock, when the sun began to throw long shadows from the magnificent peaks across the dark canyons below, one of the party exclaimed: "Why, yonder is the tower telescope on the distant summit of Mt. Wilson," and it was still three miles away. At last, after ten miles of strenuous hiking, the camp was reached, and though all felt well paid by the fine scenery they had enjoyed, they were dubious about recommending the ridge trail to other pilgrims inquiring about the route.

**Glimpse of Delavan's Comet.**

At 3:30 a. m. young Baumgardt, who is an enthusiast, summoned the enterprising members to rise and get a glimpse of Delavan's remarkable comet, which has now been visible to astronomers for many months. It is midway between brilliant Capella and the Twins. Though but dimly visible to the naked eye it is flashed out with great beauty in Baumgardt's powerful binocular telescope, and has a broad comb-like tail, but had then developed many long streamers.

Presently the comet began to fade in the approaching dawn and then the party adjourned to Echo Rock to witness the novelty of a sunrise over the San Antonio range of mountains. A level stratum of cloud resembling molten gold adorned the summit. Suddenly a rim of translucent silver and then a sphere of pure undazzling light rose as if it were a gigantic bubble issuing from the cloud. Words fail to express the exquisite beauty of the scene. It well compensated for the toilsome climb of the previous day and the broken slumbers of the morning.

From Echo Rock the party went

## WIT and HUMOR



### QUITE NATURAL DEDUCTION

**Representative Moore Explains What Lady Was Saying to Lafayette.**

Representative Moore of Pennsylvania during the visit of a party of home friends to the capitol acted as guide, for he knows the city of Washington better than some of the natives, says the Pathfinder. As he led them from the entrance of the White House grounds the attention of the party was attracted by a group of figures that form one of the monuments in Lafayette square. One of the figures that form one of the monuments with one hand appears to be frantically grasping the garments loosely draped about her while with the other she is offering a sword to Lafayette, who occupies a position above her.

Mr. Moore approached the group and in the regular sing-song manner of the professional guide, said: "And now, ladies and gentlemen, we come to the far-famed statue of the great soldier and statesman, Marquis de Lafayette. Below is a woman in suppliant attitude, holding a sword. Apparently she is speaking to him—"

At this moment one of the ladies in the party interrupted and wished to know what the lady was supposed to be saying to the great Lafayette.

Mr. Moore studied the statue for a moment, then turning to the lady he said: "That's very plain, if you observe the position of her attire, madam. She's begging him, 'Here, general, take this quick, while I catch my clothes.'"

Thereafter all questions asked were of an entirely impersonal nature.

**Arranging a Demonstration.**

"I suppose," said the candidate, "that I can depend on your support?"

"I dunno," replied Farmer Cortesol, in a low tone. "Mirandy an' the two girls are hangin' out o' the window, over the porch, tryin' to hear what we're talkin' about. I want to support you, but you'll make it easier fer me if you'll sort o' get agitated as we walk toward the gate an' holler 'Votes for women!' a few times."

### APPROPRIATE COLORS.



Mr. Robin—What kind of a paper is that the canary birds are going to publish?

Mr. Crow—A yellow journal, I suppose.

**Prudent.**

"I think I saw a sea serpent this morning," said the scared-looking man.

"Let's go up and tell the people at the hotel," replied his friend.

"No. I'm not going to say a word about it. If the hotel clerk finds out that I have had any experience so interesting and exceptional, the extra charge he will put in my bill will be something terrific."

**Suspicious Person.**

"That man is very cautious in wording his letters," said the suspicious person. "He always uses the phrase 'Yours truly.'"

"What of it?"

"You must note the equivocation. He's very careful to avoid saying 'Yours truthfully.'"

**Subtleties.**

"The English style of humor differs from the American," said the man who is ever studious.

"Yes," replied Miss Cayenne. "Where we use chin whiskers to denote a politician, the English usually employ side whiskers."

**Slim Pickings.**

He—Yes, the governor cut off my allowance, so I've had to cash my brains for a living.

She—I wondered why you were looking so thin.—Boston Evening Transcript.

# WINCHESTER

THE W BRAND

**REVOLVER AND PISTOL CARTRIDGES.**

Winchester Revolver and Pistol cartridges in all calibers prove their superiority by the targets they make. Shoot them and you'll find they are **ACCURATE, CLEAN, SURE**

### How They Bathe in Vienna.

Previous to the outbreak of the war Vienna was building a municipal bath which will be the largest in the world, being 820 feet long by 197 feet wide.

Yet it is only quite recently that Vienna has abandoned what was the most primitive and curious bathing custom. Instead of going to your bath, the bath was brought to you by agreement with one of the purveyors of private baths.

Their huge wagons with tanks of hot and cold water and heavy wooden tubs used to be a familiar sight in the streets of the Austrian capital down to little more than a decade ago.

They went the round of their customers, delivering baths and hot water at private residences and calling for them again after the ablutions had been performed.

### To Arouse A Lazy Liver

special attention must be paid to the Stomach and Bowels for they have a direct influence on each other. You will find it a good plan to take

## HOSTETTER'S STOMACH BITTERS

for a few days to help Nature restore these organs to strength & healthy activity. AVOID SUBSTITUTES

### YEAR'S DIGGING OF COAL

Greater Than Total Excavation for Panama Canal.

It has been estimated that the amount of coal which will be dug out of the ground in the United States during the present year will be greater by far than the total excavation for the Panama Canal.

Experts for the United States geological survey have estimated that originally there was enough coal in this country to make a solid block 10 miles long, 10 miles wide and 10 miles high. A block of this size would weigh more than 3,500,000,000,000 tons, and up to the present time the coal that has been removed amounts only to something like 15,000,000,000 tons. The coal mined during 1914 will amount to about 600,000,000 tons, containing about 300,000,000 cubic yards. The total excavation for the Panama Canal from start to finish is computed at some 262,000,000 cubic yards.

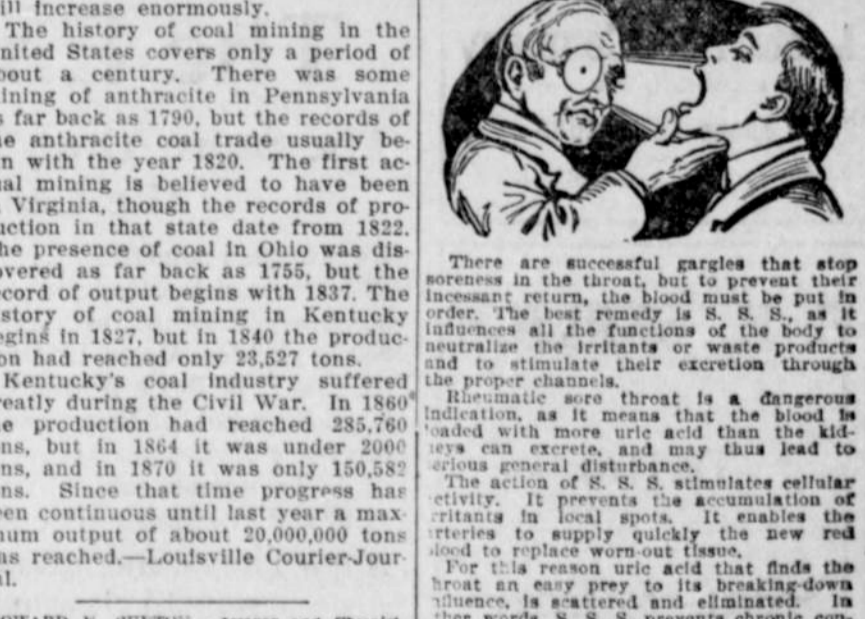
The comparison indicates in a striking way the extent of the coal mining industry in the United States. The output of coal is enormous, but it is increasing year by year. The amount of coal so far taken out is only a fraction of what remains, according to the estimates of the geologists. The people of this country, however, are using more coal every year, and with the exhaustion of some of the European coal fields already in sight, the foreign demand for American coal will increase enormously.

The history of coal mining in the United States covers only a period of about a century. There was some mining of anthracite in Pennsylvania as far back as 1790, but the records of the anthracite coal trade usually begin with the year 1820. The first actual mining is believed to have been in Virginia, though the records of production in that state date from 1822. The presence of coal in Ohio was discovered as far back as 1755, but the record of output begins with 1837. The history of coal mining in Kentucky begins in 1827, but in 1840 the production had reached only 23,527 tons.

Kentucky's coal industry suffered greatly during the Civil War. In 1860 the production had reached 235,760 tons, but in 1864 it was under 2000 tons, and in 1870 it was only 160,582 tons. Since that time progress has been continuous until last year a maximum output of about 20,000,000 tons was reached.—Louisville Courier-Journal.

### Rheumatic Throat Is Common Trouble

Should Be Treated in Blood To Prevent Recurrence.



There are successful gargles that stop soreness in the throat, but to prevent the incessant return, the blood must be put in order. The best remedy is S. S. S., as it influences all the functions of the body to neutralize the irritants or waste products and to stimulate their excretion through the proper channels.

Rheumatic sore throat is a dangerous indication, as it means that the blood is loaded with more uric acid than the kidneys can excrete, and may thus lead to serious general disturbances. The action of S. S. S. stimulates cellular activity. It prevents the accumulation of uric acid in local spots. It enables the arteries to supply quickly the new red blood to replace worn-out tissue.

For this reason uric acid that finds the throat an easy prey to its breaking-down influence, is scattered and eliminated. In other words, S. S. S. prevents chronic conditions by enabling all the mucous linings of the body to secrete healthy mucus. Its influence is shown in a marked improvement of the bronchial tubes, whereby the weakness of voice with thick, grayish excretions is overcome. S. S. S., well diluted with water, means a blood bath. Ince it is welcome to any stomach and at once gets into the blood.

S. S. S. is free of all minerals and contains ingredients wonderfully conducive to well-balanced health.

You can get it at any drug store, but do not accept anything else. There is danger in substitutes. S. S. S. is prepared only by The Swift Specific Co., 528 Swift Bldg., Atlanta, Ga. Our Medical Dept. will give you free instruction by mail on any subject of blood disorders. Write today.

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Lead, Tin, Cobalt, Spinel, Iron, Gold, Silver, Lead, B. Gold, Silver, Zinc, Zinc or Copper. Mailing envelopes a full price list sent on application. Control for Empire work so limited. Informant: Carbonate National Bank.

New French tops for touring-cars have roofs that telescope and fold down with the backs into recesses in the bodies, while the sides slide down into similar openings.

Speeds up to fifty miles an hour over the Desert of Sahara have been made by a French army automobile driven by an aerial propeller.