

## SCIENTIST ARE TO MAKE A STUDY OF RAYS OF SUN

Latter Part of This Month the Smithsonian Institution Will Send Expedition to Mount Whitney.

RESULTS TO BENEFIT THE AGRICULTURALIST

It Will Be Determined What Effect Rays Have on the Various Soils Found on This Continent.

(American News Service)  
Washington, Aug. 20.—The Smithsonian Institution will about the end of this month begin one of the most interesting and valuable investigations ever undertaken by the institution, when the station for the observation of the sun's rays is opened by Prof. C. F. Abbott, director of the Smithsonian astronomical observatory on the summit of Mt. Whitney, Cal., three miles above sea level. Prof. Abbott will be assisted by Prof. L. R. Ingersoll, of the University of Wisconsin.

Mount Whitney was selected for the location of this station because of its great elevation above sea level and also for the reason that the sky above the summit of the mountain is almost cloudless from May to November. The amount of moisture on the mountain is less than at any other point on the Pacific coast.

Prof. Abbott and Prof. Ingersoll are on their way to the observatory now and work is to commence there next week. A small branch station for the same purpose has been erected on Mount Wilson, Cal. Both observatories will be used by Prof. Abbott and Prof. Ingersoll, as the work warrants.

Has Been Neglected.

The study of the sun's rays has been until recently a field practically neglected by scientific investigators. Much valuable scientific data is expected to be gathered by the two investigators concerning the action of the sun's rays on the earth proper and also on different soils. This will be of immense advantage to agriculturalists. Much of the difficulty that scientists have experienced in making observations of the effect of the sun's rays on the earth has been due to the absorption of the rays by carrying atmospheres before the rays reach the earth's surface. It was to diminish these conditions that the observatories were erected on the lofty summits of Mount Whitney and Mount Wilson where the great altitude will, in a measure, overcome the difficulties experienced by previous observers who had to work closer to the earth's surface.

Use Cement Blocks.

The observatories on both mountains are made of cement blocks built in the most solid and lasting fashion and are equipped with the latest and most expensive astronomical and astronomical instruments. All the apparatus is now installed on both stations which await the arrival of scientists. The station on Mount Whitney is nearly three miles above sea level, and is the highest familiar station in the world. This station will be prominent and will be used for any scientific investigations which require a high altitude and a rare atmosphere for their observations. The Mount Whitney station is 14,500 feet high, one of the highest elevations of any mountain range on the globe.

In discussing the important work to be conducted at these stations Prof. Abbott said:

"Accurate measurements are exceedingly difficult to obtain, the chief hindrance being the absorption of the rays before they reach the earth."

"It is hoped to continue the observations for at least a sun spot cycle of eleven years, in order to study long or period solar changes as well as shorter ones."

## A TALK ON WHISKEY

Taft and Wickersham Trying Today to Discover What It Is.

PRESIDENT IS BUSY TODAY

(American News Service)  
Beverly, Mass., Aug. 20.—President Taft confers with Attorney General George W. Wickersham today on the momentous question of what is whiskey.

The corporation tax it is said, has been one of the subjects of the conference which has been set for 3 o'clock at the president's house on Burgess point.

After the conference Attorney General Wickersham will take supper at the home of Eben R. Richards at Prides Crossing. Richards is the son-in-law and New York manager for Henry Clay Pierce, head of the Waters-Pierce oil company of Texas which is fined \$10,000,000 for violation of the federal statutes.

As a result of gossip about the speed at which President Taft has been riding in his auto, orders have been issued to his chauffeur never to run the presidential car faster than twenty miles an hour.

## Kling is Wanted By Brooklyn



## Baseball Results

NATIONAL LEAGUE.			
	Wor.	Lost.	Pct.
Pittsburg...	77	29	.726
Chicago...	70	35	.667
New York...	64	39	.621
Cincinnati...	53	52	.505
Philadelphia...	48	58	.453
St. Louis...	43	61	.413
Brooklyn...	37	67	.356
Boston...	28	79	.262

AMERICAN LEAGUE.			
	Won	Lost	Pct.
Philadelphia...	68	42	.618
Detroit...	66	43	.606
Boston...	67	46	.593
Cleveland...	57	55	.509
Chicago...	53	56	.485
New York...	51	58	.468
St. Louis...	45	62	.421
Washington...	32	77	.294

AMERICAN ASSOCIATION.			
	Won	Lost	Pct.
Minneapolis...	70	55	.560
Milwaukee...	68	54	.557
Louisville...	64	60	.516
Columbus...	61	63	.492
St. Paul...	58	64	.475
Kansas City...	58	64	.475
Indianapolis...	58	67	.464
Toledo...	57	67	.460

RESULTS YESTERDAY.			
National League.			
New York 6-0; Philadelphia 4-1.			
Pittsburg 8; St. Louis 3.			
Boston 5-1; Brooklyn 1-0.			
American League.			
New York 7-2; Boston 6-1.			
(Second game 10 innings.)			
Philadelphia 2; Cleveland 1.			
Detroit 1; Chicago 0.			
American Association.			
Indianapolis 1; Minneapolis 0.			
Toledo 7; Kansas City 5.			
Louisville 4; St. Paul 0.			
Milwaukee 5; Columbus 3.			

## MAKES A COMPLAINT

Complaint about the residents allowing piles of dirt to remain in the street without a red light as a danger signal being placed on them has been made by a local liverman. Last evening, as one of his men was driving a horse on South Eighth street, the horse stumbled over a pile of dirt and fell to the street, breaking the harness and slightly damaging the rig.

## Don't Pay To Be Hero, He Says

St. Louis, Aug. 20.—James E. Stoddard thinks it does not pay to be a hero on Sunday. He saved three men from drowning in the Mississippi river last Sunday and thereby lost his job.

Stoddard was an attendant at the swimming pool at the Central Y. M. C. A. He took to water like a duck. Six days a week were not enough for his satisfaction in aquatic outings.

Last Sunday Stoddard took the rowing squad of the Y. M. C. A. out for a drill on the river. A launch upset, and three men who tumbled into the

## CHART OF INTEREST

Shows Number of Members of M. E. Churches in the Early Days.

IS SHOWN AT CENTENNIAL

An interesting feature in connection with the Methodist centennial celebration at the Glen yesterday was the chart giving all Methodist churches in Wayne county, the date of their establishment and the number of the congregation for each. The chart showed the following interesting figures:

Boston church in 1810 with 65 members; Fountain City in 1815 with 115 members; Abington, 1817, with 60 members; Economy, 1817, 240; Williamsburg, 1818, 35; Greensfork, 1818, 51; Doddridge, 1816, 244; Hopewell, 1822, 65; First M. E. Richmond, 1823, 601; Centerville, 1823, 103; Whitewater, 1831, 601; Cambridge, 1833, 202; Dublin, 1834, 140; Middleboro, 1836, 65; Olive Hill, 1839, 24; Hagerstown, 1840, 123; Milton, 1846, 152; Grace M. E. Richmond, 1858, 431; Chester, 1864, 56; Webster, 1865, 40; Third M. E. Richmond, 1875, 128; Franklin, 1885, 36; Fifth M. E. Richmond, 1893, 168.

## WANT LAJOIE'S JOB

Cleveland, Aug. 20.—There are many candidates to fill the shoes of Larry Lajoie who resigned as manager of the Cleveland American League baseball team. Among those who are being discussed by the fans as possible successors of Napoleon are Tommy Leach of Pittsburg, Harry Wolverton, of Newark, N. J., Billy Murray of the Phillies, Hugh Duffy, Deacon Jim McGuire and Fielder Jones.

There was a rumor today that Lajoie's resignation would not be accepted.

ADELAIDE: "Mother says 'they can't say anything too good about Gold Medal Flour.'" CHASITY.

## FOUR MEETS DEATH IN AUTO ACCIDENT

Touring Machine at Seattle Goes Through a Log Trestle Today.

MOTHER KILLS CHILDREN.

GIRL AT SOUTH BEND MAKES FIFTH ATTEMPT AT SUICIDE AND A POLICEMAN FOUND DEAD—OTHER FATALITIES.

(American News Service)  
Seattle, Wash., Aug. 20.—Miss Agnes Cowen, Miss Maggie Paul, Mrs. J. Cobin and Ira Perry, chauffeur, were killed early today when the automobile in which they were riding, crashed through the railing of a log trestle over the flats at "Dead Man's Curve," and plunged twenty feet below. All were visitors from Vancouver.

WOMAN KILLS TWO.

(American News Service)  
East Grand Forks, Minn., Aug. 20.—Mrs. A. Strauss, mother of six children, residing on a farm ten miles northeast of here, killed her one year old and three year old children by chopping off their heads with an axe. She was overpowered when she went to the harvest field to kill her husband and four other children. She had recently been released from an asylum.

GIRL TRIES SUICIDE.

(American News Service)  
South Bend, Ind., Aug. 20.—Elizabeth Harris, eighteen years, a clerk in a local clothing store, but formerly of Crawfordsville, attempted suicide last night with carbolic acid and chloroform but will recover. This was her fifth attempt at self destruction.

DIES ON HIS BEAT.

(American News Service)  
South Bend, Ind., Aug. 20.—John Drumbowski, sixty-two years, a policeman, was found dead on his beat this morning, having bled to death from a burst blood vessel in the leg.

KILLED BY TRAIN.

(American News Service)  
Reading, Mich., Aug. 20.—Otis Glyery and his wife of Clear Lake, Ind., were killed this morning by a Lake Shore railroad train while driving over a crossing near Montgomery, Michigan. Their three year old daughter miraculously escaped injury.

MILLIONAIRE DIES.

(American News Service)  
New York, Aug. 20.—Frank G. Barstow, a multi-millionaire director of the Standard Oil company died of heart failure in a berth on a New York Central train near Utica this morning. He was returning from a vacation at the Thousand Islands.

## PLAN CHURCH RALLY

Members of Fifth Street Methodist Church Arranging a Program.

HELD ON SEPTEMBER 5TH

Another all day rally such as that held by the members of the Fifth Street Methodist church last fall will be held by the congregation Sunday, September 5. A program replete with special features is being prepared by the Rev. J. Cook Graham, pastor, and will include musical, both instrumental and vocal, numbers.

An informal program of the day's events is as follows: Sunday school at the regular hour in the morning, followed by preaching will be held. At noon the members of the church are expected to remain and take dinner in the church parlors. In order to do this the members are requested to bring their dinners. In the afternoon at 2:30 o'clock the service will be resumed with musical numbers and a sermon by Rev. Kenna of the West Third Street M. E. church. The Epworth league will hold away at its regular meeting hour in the evening, following which services will be held and at which time an outside minister will preside.

The rally is held for the purpose of getting the members interested in church work again, following the summer vacation period.

JONES HEARD FROM

Portland, Ore., Aug. 20.—Fielder A. Jones, former manager of the Chicago White Sox, has designs on half ownership of a big league baseball team, preferably the Boston Nationals, St. Louis Americans, or Washington Americans, according to reports.

"I am arranging to purchase a half interest in the St. Louis Americans," said Jones today. "But if that deal falls through I may become half owner and manager of the Browns next season."

THE DOGS OF TURKEY.

In the matter of kindness to animals it is said that the Turk cannot be surpassed. Thus at Stambul the wandering dogs are treated with great gentleness, and when puppies come into the world they are lodged with their mother at the side of the street in improvised kennels made out of old boxes lined with straw and bits of carpet. And frequently when a young Turk happens to be flush of money he goes to the nearest baker's shop and buys a quantity of bread, which he distributes among the dogs of the quarter, who testify their gratitude by jumping up at him with muddy paws and sniffing muzzles.

## PEACE DECLARED VICTORY UNKNOWN

"Siege of Boston" Ends and It Is Now Up to the Umpires.

BOTH SIDES CONFIDENT

REDS THINK THEY OPENED THE WAY, BUT THE BLUES CLAIM THEY SUCCEEDED IN REPULSING THE INVADING ARMY.

Boston, Mass., Aug. 20.—The war game, which has been conducted in southeastern Massachusetts during the last week, ended yesterday. Whether Boston, the objective point of the invading army under Brig. Gen. Tasker H. Bliss, really was captured theoretically or whether the Massachusetts troops, commanded by Gen. William A. Pew, succeeded in repulsing the attack of the Reds, still is clouded in mystery.

Gen. Bliss expressed confidence tonight that he had won the victory and that the decision of the umpires will be in his favor. He declared that he had opened a way to Boston.

Blues Also Claim Triumph.

On the other hand, Gen. Pew and his lieutenants and some of the umpires and other regular army officers in the Blue camp declared that the advantage of the position at the close of the hostilities lay with the Blues.

Tonight the head of the army of invasion was at Assonet, a mile or two from Hanover Four Corners, while the head of Gen. Pew's army was not more than 200 yards distant, and was said by the Blue officers to occupy a position where it could rake with a deadly fire the troops of the Red, should an advance be made along that road.

Already orders for disbanding the army of the Red have been given, and tomorrow morning will see the troops from New York and New Jersey on their way home. The District of Columbia troops will go to Hingham camp ground by invitation of the First Corps Cadets, Boston's crack military organization, and will go into camp there for a day before taking ship for New York.

Reds Begin Fighting Early.

The Reds began the fighting early in the day by throwing their left wing—the Tenth Cavalry, the New York cavalry, the District of Columbia and Connecticut infantry—against the right of the Blues, gathered in considerable strength near Gourney's Corner, for two miles along a road through Bryantville to the shorts of Sandy pond.

For three hours the fighting continued fiercely and the Blues held back the Red attack. After disagreeing, the umpires decided to set the Reds back a short distance. Troop B of the Massachusetts cavalry succeeded in creeping through a place of woods after having dismounted and captured two field guns and "shot" forty horses of the New York field artillery, which had been shelling the Blues from the rear center.

As the cavalry were making off and taking with them the captured guns, the Connecticut infantry fell on them, captured about half the troops, and recaptured the guns.

Orders to Hold Back Blues.

The orders given by Gen. Bliss early in the morning to this detached wing of his army were to hold back the blue forces and occupy their attention until the middle of the forenoon. This plan was carried out, and then the Reds fell back in good order to Pembroke Center, where another short but sharp battle took place.

The Red detachment was trying to rejoin the main army two miles farther up the road when a large force of the Blues was encountered. This Blue force consisted of infantry which had been hurried over a cross road with the hope of destroying a bridge at the foot of Aldham's pond.

If the Blues had succeeded in dynamiting this bridge it might have caused considerable trouble for the Reds. As soon as the fighting began, a machine gun platoon of the Tenth cavalry galloped up and quickly opened fire and held back the attack of the Blues.

FOUND NOT GUILTY

William Neal, after a heated legal fight in the police court yesterday afternoon, which lasted from 1:30 to nearly 6 o'clock, was found not guilty of larceny. He was charged with stealing some money from his boarding house keeper, Mrs. Wyson.

THE DOGS OF TURKEY.

In the matter of kindness to animals it is said that the Turk cannot be surpassed. Thus at Stambul the wandering dogs are treated with great gentleness, and when puppies come into the world they are lodged with their mother at the side of the street in improvised kennels made out of old boxes lined with straw and bits of carpet. And frequently when a young Turk happens to be flush of money he goes to the nearest baker's shop and buys a quantity of bread, which he distributes among the dogs of the quarter, who testify their gratitude by jumping up at him with muddy paws and sniffing muzzles.

## GREAT CROWD TODAY

Thousands of People Are Witnessing the Speedway Events.

BUICK'S FINE SHOWING

(American News Service)

Indianapolis, Aug. 20.—Notwithstanding the fatalities connected with the opening speedway events yesterday afternoon, there was an immense crowd in attendance at the park today. The results of the events are as follows:

First event, five miles, won by a Buick car, Strang driving; Chevrolet in a Buick car, second. Time 4:48.  
Second event, one mile against the world's record—Benz car (Oldfield) 43.6; Fiat car (Depalma) 48.6; Chadwick car (Zangel) 49.6.  
Third event, ten miles—National car (Merz) won; Buick car (Chevrolet) second; Stoddard-Dayton (Dehmel) third. Time 9:16 3-10.

## COMPANY OBJECTS ASPHALT PAVING

Street Car Corporation Wants To Place Brick Between The Car Tracks.

BOARD HEARS THE KICK

QUESTION AS TO WHETHER CITY OR COMPANY CAN DICTATE THE KIND OF PAVING USED, WAS UP THIS AFTERNOON.

Representatives of the street car company appeared before the board of works this afternoon and made strenuous objection to the proposed plan of using asphalt between the street car tracks on Eighth street between South A and North A street. It was argued by the street car men that this had been done in other cities but without exception had been found impractical. They argued that the only serviceable paving was brick.

The point was also raised as to whether the company has the right to dictate what kind of paving shall be used between the tracks. The company officials evidently labored under the impression that it had such privilege, but the city attorney took exception, arguing that only the city could dictate the kind of paving. Up to 3 o'clock this point was still under debate, and authorities were being examined.

The board of public works is not enthusiastic over asphaltizing the roadway between the car tracks and it is probable that if no difficulties are encountered and the board and the company officials can determine on the kind of brick to be used, the board will order against asphalt.

TRIED TO BE NICE.

But Fannie Made an Awful Mess of It With the Old Lady.

"When Fannie is bent upon pleasing," sighed Fannie's younger sister, "she can certainly make a horrible mess of things. Last Sunday Charlie Evans, having arrived at the point where he felt he wanted his family's opinion of me, invited us both up to take tea with his mother. I knew I laid eyes on his mother. I minute Fannie would get in trouble—she simply can't help getting nervously foolish when there's a religious person around."

"Charlie's mother kissed us and, addressing herself to Fannie as the elder, said something about our being very sweet to come and see a daughter's old woman. Whereat Fannie looked at Charlie and his two brothers and replied feelingly that it must be a terrible disappointment to have only them. Mrs. Evans, to rectify my sister's misapprehension, told us proudly that she had three more sons, not present."

"By this time Fannie realized that she had made a bad beginning and leaped further in with the supposition that the other three were off having a good time instead of moping at home. The older lady drew herself up and said severely:

"My three sons are in heaven, Miss Barnes."

"Oh, how awful!" came Fannie's ready gasp.

"No, not awful at all!" and Mrs. Evans was positively glaring at us. "I feel that they were specially blessed in being allowed to pass thus early to their Lord. They died as little children."

"Dear me, how glad you must have been," blurted out Fannie.

"By this time I had tickled a hole in her ankle, and that quieted her for awhile. She might have kept still for the rest of the evening had not her pet subject, the higher education of woman, come up for the old lady's disapproval. Then Fannie made a hand-spring into the conversation by remarking that when we had more educated mothers there would be less infant mortality."

"And, mind you, Fannie was really trying to be nice for my sake."—New York Times.

## CHARLEY WILLARD MAKES A RECORD

Pupil of Glenn Curtiss Makes Wonderful Flight Early Today.

GOES MILE IN 42 SECONDS

AT END OF THIRD FLIGHT HIS RUDDER SPLIT AND HE WAS FORCED TO DESCEND—SHOWS UP OLDFIELD.

(American News Service)

New York, Aug. 20.—Charley F. Willard, a pupil of Glenn H. Curtiss, made three flights in a Curtiss aeroplane on Hempstead Plains, near Mineola, L. I., today under most perfect atmospheric conditions and at one time flew at the rate of a mile in 42 seconds, surpassing even the Wrights record.

At the third flight his rudder split and he was forced to descend. Willard's record of a mile in 42 seconds beats that of Barney Oldfield in an automobile, made yesterday at Indianapolis, of a mile in 43 1-10 seconds for the best of the three trials.

Was Big Crowd.

A crowd of several thousand people witnessed Willard's three flights. More than 200 automobiles, filled with fashionable from New York and from the country places in the vicinity of Hempstead and Meadowbrook gathered at Mineola and most of them followed Willard as he sailed in a great circle around Mineola. Hundreds lined the roofs of houses and barns near the course.

There was a slight haze in the air when Willard got his machine ready for his first flight but it cleared away while he was getting his motor in shape. There was some trouble with this part of the apparatus at first, but after three quarters of an hour, he was ready and took his place in the aeroplane seat.

Willard ran the aeroplane on its wheels for 200 yards along the ground then gave a twist to the rising plane and the machine soared upward amid the cheers of the crowd gathered about. There was practically no wind and Willard started off at great speed towards the Meadowbrook Hunt. There he swerved southward and when near Garden City he turned back toward Mineola and descended gracefully.

## HAIR HALTS GIRL

Clipped Locks Caused Suspensions of the Immigration Officers.

WAS ANARCHIST SUSPECT

New York, Aug. 20.—If she had not worn her brown hair clipped as short as any boy's Miss Nathalie Bronikowa, a pretty Russian student, would not have been held up as a possible anarchist and sent to Ellis Island today. This was not the first time Miss Bronikowa had been held up. She came here some weeks ago on the Estonia bound for Chicago, and, as she could not show \$25 all told, she was ordered deported.

But this did not discourage her. She returned today on the Birma, determined to land in this country, learn its tongue and attend its schools. As on the former occasion, she had letters of introduction to a number of persons in New York and Chicago.

Came in Second Cabin. She came in the second cabin, and probably would have been allowed to pass this time had it not been for her hair. When an immigration inspector noticed it he wondered if she had not been a convict, and he ordered her sent to Ellis Island.

When she was asked by the special board of inquiry concerning her short hair, she opened her eyes very wide. "Why, it is not an uncommon thing for girls attending the schools in Russia to wear their hair short," she said in Russian. "You will find many girls in the institutions of Warsaw, Moscow and other cities of Russia with short hair. I do not see why that should subject me to suspicion. My family is above reproach, and I want to go to Chicago to attend school and learn your language perfectly."

Allowed to Come Here.

The board did not take long to consider the case. The members voted unanimously to land the young woman, and as she had plenty of money she was allowed to leave for Chicago without further delay.

Miss Bronikowa is tall and slender, with dark hair and eyes. She was attired in the picturesque Russian garb of a short brown skirt and a double breasted blue coat. She wore a picture hat, and except for her short hair looked like any younger woman tourist.

PALLADIUM WANT ADS. PAY.

GOLD MEDAL FLOUR

PALACE 5c

Special Friday and Saturday The Leopard Queen

This is one of the greatest pictures ever shown in Richmond in the way of a film. Don't miss it.