

## MASTERY OF AIR TO HELP ASTRONOMERS

Dr. George H. Peters Says Atmospheric Conditions Near Earth Hinder Work.

## MACHINES NOW UNSTABLE

Further Development of Aircraft Will Make Possible Observations From Less Dense Atmosphere and Bring Greater Results.

BAKER, Or., May 31.—(Special).—That as yet the mastery of the air has not aided in the solution of astronomical problems and may not for some time, until after the war at least, when greater activities may be directed toward experiment work, is the statement of Dr. George H. Peters, of the United States Naval Observatory, who joined the eclipse party here a few days ago.

Inasmuch as the atmospheric conditions surrounding the earth interfere in a large measure in some branches of astronomical study, the supposition is natural, according to Dr. Peters, that observations from a less dense atmosphere might be productive of greater results, but as yet no systematic tests have been made. Observations from higher altitudes permit wider scope of study in some phases of astronomy as is proved by results secured by some observatories located on high mountain peaks. According to Dr. Peters, the atmospheric changes above the five-mile limit to the approximate 50-mile extent of the earth's atmosphere from the surface would be very little, but that up to the five-mile limit from the surface there would be quite a difference.

"Some time ago," he said, "it was suggested that the Naval Observatory make use of some of the Navy hydroplanes to make tests of this nature, but the business of winning the war is the main thing and nothing has been done along this line as yet. That observations from any of the present types of airships would be productive of little results is likely, but as they continue to be developed there is no reason why they would not open a larger field for astronomical investigation."

"That the present types would be too unstable to permit of their practical use in this way is certain, but the time is coming when this difficulty will be overcome. In the future we will have flying gardens no doubt, on which we may soar above the surface of the earth at will on hot nights to listen to the orchestra, take in the show and cool off a mile or two in the air. There is reason to believe that this will not only come to pass, but at such a stage of development aerial navigation may open new lines of growth for astronomy and other sciences."

## THIRTY RECRUITS SIGN

NAVAL RESERVES GET BIG START IN PORTLAND CAMPAIGN.

Ensign Uphaw, in charge of Detachment, Warns Men Who Must Register to Enlist Now.

The good ship "U. S. S. Liberty," anchored between Morrison and Yamhill on Sixth, added 30 "jackies" to her crew yesterday when the U. S. Naval Reserves special recruiting party, who are making a drive here for one week, started their campaign yesterday morning. Forty-three recruits were examined in all and 12 rejected.

Ensign F. B. Uphaw, in charge of the naval reserves' recruiting party at the Liberty Temple, received a telegram yesterday from the district enrolling officers at the Puget Sound Navy-yard at Bremerton, informing him that all reservists not in active duty and who are enrolled in the naval reserves and are 21 years of age or have reached that age within the time of their enlistment in the reserves must register on June 5. They will, however, be placed in class five.

The names of those who enrolled in the naval reserves yesterday are: Edward C. Mullen, Edward Flinn, Jesse W. Lower, Walter P. LaMar, Roy Butts, Edward E. Werlein, E. H. Gerber, Alexander MacDonald, Gale Smith, Walter Roenicke, George Huserike, Richard Van Vleet, Paul J. James, Vernal Walter E. Muehlis, Robert E. Dunaway, Bennie Snider, Glen W. Pennington, Hugh W. Taylor, Willard McCullough, John Clifford, Jr., Eldridge Brown, Fred Jacoby, Elmer B. Loyd, James V. Short, Frank J. Wood, Henry E. Bohlen, Harold H. Barnes, Hugh C. Cosner and Raymond H. Schilling.

The recruiting headquarters will be open for recruiting at the Liberty Temple from 8 A. M. until 8 o'clock at night.

"We obtained induction orders today for a few registered men," said Ensign Uphaw last night. "but I should have received more but for the announcement of current quotas by the War Department. This shuts many young men out of the chance to join the Naval Reserve, and it should be a warning to those who are to register June 5."

## YANKEE WINS ACE HONORS

Lieutenant Campbell, of San Jose, Downs Fifth Airplane.

SAN FRANCISCO, May 31.—Lieutenant Douglas Campbell, of San Jose, aviator with the American expeditionary forces in France, has brought down his fifth airplane, thereby winning the coveted distinction of "ace," according to a telegram received tonight by the Associated Press from his father, W. W. Campbell, director of the Lick Observatory.

The telegram, which was sent from Goldendale, Wash., where Dr. Campbell is a member of the Crocker eclipse expedition, said that Campbell had killed his fifth enemy was downed this morning.

## U. S. OFFICIALS TO CONFER

Emerson Will Meet Ambassador Francis at Vladivostok.

MOSCOW, Friday, May 31.—(By the Associated Press).—Colonel George H. Emerson, with eight members of the railroad mission headed by John F. Stevens, which has been in Russia for the last year, is on his way to Vladivostok at the request of David R. Francis, American Ambassador to Russia, for a conference on the possibilities of an improvement in the railway situation in Russia.

## MOVING PICTURE NEWS



Arthur Guy Empey, Soldier-Author, in "Over the Top" Peoples.



Enid Bennett, Star of "Naughty, Naughty," at Star.

### TODAY'S FILM FEATURES.

Sunset—William Farnum, "When a Man Sees Red"; Charlie Chaplin, "His New Job"; Liberty—A. H. Woods, "The Guilty Man"; Majestic—Mae Marsh, "The Face in the Dark"; Peoples—Sergeant Arthur Guy Empey, "Over the Top"; Columbia—Bushman and Bayne, "The Brass Check"; Star—Enid Bennett, "Naughty, Naughty"; Globe—Vivian Martin, "The Spirit of Romance."

### Empey at Peoples.

"OVER THE TOP," a Vitaphone superfeature founded on Sergeant Arthur Guy Empey's famous war book of the same title, is the unusual photoplay offering commencing this morning at the Peoples Theater.

Sergeant Empey, probably the best-known soldier of all the millions who have fought in the trenches of France to stem the tide of German barbarism, appears as the star of "Over the Top" and he is said to enact vividly the stirring experiences met by the French and British who held the lines against the Boche during the first mad months of the war.

"Over the Top," the first authentic reproduction of the drama and tragedy that is the war, has been hailed as one of the greatest photoplays in the history of motion pictures and is ranked as the foremost of all the superproductions of the screen because of the personality of the star and the importance of the play as a contribution to the historical phase of the war and its relation to the war work of the United States.

Because a regular Army training camp was used in making the trench scenes and American regulars were employed in the mimic battles, the play has received the semi-official recognition of the War Department.

### Mae Marsh at Majestic.

Goldwyn's determination to present Mae Marsh in the most powerful plays available is responsible for the choice of Irwin S. Cobb's compelling story, "The Face in the Dark," which comes to the Majestic Theater today.

Niles Welch, Alec B. Francis and Harry C. Myers are among Miss Marsh's supporting players in this dramatic story of crooks and the secret service. The star is cast as Jane Ridgeway, daughter of a retired secret service man. Jane's companionship with her father gives her a keen insight into the ways of crooks and she acquires an uncanny skill in unravelling mysteries. Yet she does not dream that her father is in league with a gang of master counterfeiters who use his knowledge to rob the banks of the country.

The manner in which the girl brings the "man above," or "the face in the dark," to justice furnishes photoplay material of the most tense variety. Photo News showing glimpses of the French front, a special war picture, and a comedy are also on the new programme.

### Enid Bennett at Star.

A photoplay that entirely lives up to its seductive title is "Naughty, Naughty," a Paramount picture starring Enid Bennett, the Australian beauty. This picture opens an engagement today at the Star Theater, with a funny Mack Sennett comedy, "Soaped and Scorching," featuring Chester Conklin.

### Screen Gossip.

Donald McDonald, son of A. H. McDonald, well-known film exhibitor of Eugene, is back home preparing for the next officers' training camp at the Presidio, San Francisco. He is only 18 years old, and has an attendance record of one year at the New Mexico Military Institute, but the two-reel military school rule has been waived in his case.

Gail Kane, Stuart Holmes, Robert Elliott, Sally Cruise and Tallulah Bankhead, the latter the Southern beauty who is a film newcomer, are in the cast of "When Men Betray."

Grace Cunard has been in pictures for nine years. For years she has not only appeared in pictures averaging a reel a week, but she has written 80 per cent of them and assisted in the direction for all of them.

Neva Gerber was trained to be a lawyer, but here she is a star in Universal pictures.

"Belasco of the Screen" is what some of 'em call Lola Weber.

Bessie Eytton seems to be a fixture with Harold Lockwood's company. One of Bessie's biggest roles was in "The Spoilers."

Tom Moore, who is now leading man for all of the Goldwyn stars, plays golf and tramps across country for recreation. Tom, as you all know, is Irish.

Ralph Ince, husband of Lucille Lee Stewart, who is sister to the dainty Anita, is to form a producing company to film big stage hits. Stars from screen and stage will be used.

Ernest Truex, youngest comedy star on the sparkling stage, is to play opposite Shirley Mason in Paramount pictures. He has made hits in "The Very Idea," "What Could the Poor Girl Do?" and "Very Good, Eddie."

Margaret Clayton, who was Marguerite when she was with Essanay, will be seen as leading woman for George M. Cohan in "Hit the Trail Holiday."

Madge Evans, the kiddie star, has received a special button from Secretary McAdoo in recognition of her efforts in behalf of the third liberty loan.

While Anita Stewart has started work on her contract of 28 weeks with Vitaphone, she has appealed from the decision forcing her to complete the contract.

"I have enlisted for the war and whenever Uncle Sam wants my money or my services he can have them both," says William S. Hart.

Lady Tsen Mei, only Chinese woman film star in the world, is soon to be presented in pictures in the United States. They are making them in Pennsylvania.

Ben Turpin wears a large goose egg bump on the top of his head as a souvenir of "The Battle Royal." In some way, the glove slipped off the pole as Charley raised it over his head. The result was that Ben got the full force of the bare club on his head. He went down like a log. The camera, as a result, got one realistic thrill that wasn't in the script.

### Vancouver to Celebrate.

VANCOUVER, Wash., May 31.—(Special).—Whether or not Vancouver will celebrate the Fourth of July is to be decided at the next meeting of the Commercial Club.

People have been so absorbed with liberty loans, the Red Cross drives and other patriotic work that few have thought much about the Fourth. It has been suggested that the day be celebrated this year as Uncle Sam's birthday.

# MAJESTIC

## BEGINNING TODAY

The thrilling, tense, dramatic story of a two-year hunt for a master criminal—the "Face in the Dark"—with winsome Mae Marsh as the heroine of a delightfully interwoven love story.

# MAE MARSH

## "The Face in the Dark"

AND ADDED ATTRACTIONS

# "OUR ALLY—THE TANKS"

A close up intimate picture of these wonder machines

# AND THE BATTLE OF PICARDY

Further official pictures of the great battle still in progress

## GENEROUS OFTEN DUPED

ROGUES MAKE USE OF OPPORTUNITY WAR BRINGS.

Contributors to Relief Fund Urged to Make Sure Money Goes Into Worthy Hands.

Business men and individuals inclined to be generous in support of war work will do well to satisfy themselves that their gifts go into honest hands. One of the best ways to learn of the standing of unknown or distant institutions is to refer the matter to the State Council of Defense.

It is one of the matter public Mr. Kollock said he could find no evidence that the American's Allies' Co-Operative Committee is an authorized relief agency, and declared that the work it proposes to do is already one of the big tasks of the American Red Cross.

In his investigation Mr. Kollock had access to the report of the Charity Organization Society of New York, which has probed more than 300 purported relief causes and approved but 120 of them. The committee under investigation was not even mentioned as having come to the attention of the New York society.

## Republican Nominee Named.

SALEM, Or., May 31.—(Special).—

Formal appointment of Charles A. Johns to become Associate Justice of the Supreme Court on June 5 was made by Governor Withycombe today. Mr. Johns will succeed Justice McCamant, whose resignation becomes effective on June 4. Mr. Johns will hold, under the appointment, until January 5, 1919, when he will regularly for a term of six years, for which he will be elected in November.

## PRISONERS TO PITCH TOP

Barnes Circus Appeals to Police Head for Assistance.

The A. G. Barnes' wild animal circus yesterday appealed to Chief of Police Johnson for a squad of men to help pitch the big tops when the circus train reaches Portland Sunday evening. Prisoners in the city jail serving light sentences for misdemeanor offenses will be lined up this morning and an inventory will be taken of the offenders available. Chief Johnson said that he is anxious to aid the circus in its predicament for help if possible.

## CITY'S HEALTH IS GUARDED

Vancouver Provides for Wholesome Meat and Milk.

VANCOUVER, Wash., May 31.—(Special).—When farmers bring slaughtered cattle, hogs, sheep or other animals to Vancouver hereafter they must leave the heart, lungs and liver attached, otherwise the meat will not pass the inspector.

All the dairy herds that supply milk to Vancouver were examined recently by the state inspector and the animals found infected with tuberculosis were disposed of, so the milk now supplied to the city is pure. Most of the dairymen have installed sterilizers.

## CHANGES IN TRAIN SCHEDULES

Beginning Sunday, June 2.

### MAIN LINE—Shasta Limited withdrawn.

**SOUTH—to San Francisco.**  
No. 13 leaves Portland 7:15 P. M. instead of 8:25 P. M. Departure of Nos. 53 and 15 same as at present, namely: 1:00 A. M. and 8:30 A. M., respectively.

**NORTH—from San Francisco.**  
No. 16 arrives Portland 9:35 A. M. instead of 8:55 A. M., arriving time of Nos. 54 and 14, same as at present, namely, 7:30 A. M. and 10:40 P. M., respectively.

### MAIN LINE LOCALS:

Trains 9 and 10 withdrawn between Portland and Silverton. No. 17 leaves Portland 1:45 P. M. instead of 2:00 P. M. for Salem, Albany, Eugene, Roseburg and intermediate points. No. 27 leaves Portland 8:45 P. M. instead of 4:00 P. M. for Woodburn, Salem, Albany, Lebanon, Brownsville and intermediate points. Connects at Woodburn for Mount Angel and Astoria.  
No. 66 leaves Silverton 7:10 A. M., connecting at Woodburn with 16, arriving Portland at 9:35 A. M.

### ELECTRIC LINES:

Nos. 359 and 360, Dundee Locals, extended to Corvallis. 359 leaves Portland at 2:20 P. M., arriving Corvallis 5:55 P. M. No. 360 leaves Corvallis 4:05 P. M., arriving Portland 7:30 P. M. Connections at Gerlinger to and from Dallas and Salem.  
No. 132 leaves Portland at 2:25 P. M. instead of 3:30 P. M. for Williams via Forest Grove.  
No. 234 leaves Corvallis 7:30 A. M. instead of 8:45 A. M., arriving Portland 11:20 A. M. instead of 10:25 A. M.

Other minor changes in schedules. For particulars See Nearest Agent.

City Ticket Office, 131 Fourth St.

## SOUTHERN PACIFIC LINES