

notice will be given and blanks issued governing delivery and distribution.

The letter sent out by the chemical division includes the following directions to producers:

1. That producers, refiners and dealers in platinum continue to dispose of their product for government purposes, and for that only, as directed by the chemical division.

2. That producers, refiners and dealers in platinum who are also consumers use platinum for government purposes, and for that only, as directed by the chemical division.

3. That all obligations arising out of transactions in the production or delivery of crude, alloyed or refined platinum released as above, including all claims for shortage, poor quality, damage or loss in transit, be borne by the producer or seller, as the case may be, in accordance with existing trade practices.

Distribution may be made by consent of this board through agencies under existing arrangements, provided that there results no increase over the existing price to the user.

The undersigned, on separate application in each case, will consider permitting the delivery of a limited amount of platinum for essential commercial purposes not for government account.

Proper blanks upon which application for release of shipment should be made will be furnished on application.

The following list indicates, in general, the order of preference which will be followed in releasing platinum for shipment: First, military needs of the United States government; second, military needs of allied governments; third, essential commercial purposes.

#### PHOTOGRAPHERS FOR THE SIGNAL CORPS

ONE thousand men trained in photographic work are needed by the Signal Corps immediately for instruction at the new school for aerial photography just opened at Rochester, N. Y., preparatory to going overseas.

This ground force for America's aerial photography requires three types of men:

1. Laboratory and dark room experts, especially fast news photographers, familiar with developing, printing, enlarging, retouching, finishing and panchromatic photography, who can take a plate from the airmen and hand it over ten minutes later a finished enlargement to the staff officers. These men will work in

motor lorries as close to the front and to the staff as possible.

2. Men able to keep the whole delicate equipment in good condition, such as camera and optical construction and repairmen, lens experts, cabinetmakers, instrument makers, etc.

3. Men to fit the finished prints into their proper places in the photographic reproduction of the German front, to work out the information disclosed, and to keep the whole map a living hour-to-hour story of what the Germans are doing. This includes men familiar with map compilation, map-reading and interpretation, topographical science and drafting, and requires keen analytical powers.

The primary training at Rochester will cover four weeks, and will be standardized along the highly specialized developments brought out in the war. At its close the successful graduates will be sent on for a month of advanced training, after which they will be organized into units and sent overseas.

The best men, however, will be given still further training for commission as photographic intelligence officers first at one of the schools and then in actual flights at the flying fields.

Many men not physically fit for line service are eligible for this so-called limited military service, as defective vision corrected by glasses and other minor physical disabilities are waived. The proportion of officers and non-commissioned officers to privates will be higher here than usual, so that the opportunity for advancement is good.

Men not registered for the draft and who possess the necessary qualifications should write to the Air Division, Personnel Department, 136 K Street, N.E., Washington, D. C., for information as to enlistment, accompanying their letter with evidence of their qualifications.

Men registered for the draft in the states of New York, Pennsylvania, Ohio, Michigan, Indiana, Illinois, Missouri, Massachusetts, New Jersey, Rhode Island and Maryland, who desire to be voluntarily inducted for this service, should apply to their local board and submit evidence of their qualifications. At present

these are the only states to which this call applies.

Owing to the shortness of time it is requested that only men fully qualified apply for this service.

#### SCIENTIFIC NOTES AND NEWS

PROFESSOR WILLIAM F. DURAND, of Stanford University has been made chairman of the National Advisory Committee for Aeronautics.

FOUR of the college deans or former deans of Ohio University are now majors in the National Army: Dr. Edward Orton, Jr., of the College of Engineering; Dr. William McPherson, of the Graduate School; Dr. Eugene F. McCampbell, of the College of Medicine, and Dr. David S. White, of the College of Veterinary Medicine. Dr. Henry R. Spencer, appointed dean of the Graduate School in Dr. McPherson's absence, is now in Y. M. C. A. service abroad.

DR. WILLIAM LIBBEY, professor of physical geography at Princeton University, has been commissioned major in the Ordnance Department, and is now awaiting orders. He has long held a commission in the New Jersey National Guard.

DR. GEORGE S. MEYLAN, associate professor of physical education at Columbia University, has been granted a further leave of absence to continue his work with the Y. M. C. A. in France.

DR. W. B. BENTLEY, head of the Department of Chemistry of Ohio University, has been commissioned as captain by the War Department, and is stationed at Watertown, Massachusetts, in the Department of inorganic chemistry, of the Watertown Arsenal.

DR. BIRD T. BALDWIN, who last year left Swarthmore College to accept the directorship of a newly established child-welfare station of the Iowa State University has enlisted in the sanitary corps of the army. He has the rank of major and will be engaged in the work of testing recruits by psychological methods.

DR. HENRY H. GODDARD for ten years head of the research department of the Vineland training school, has been appointed head of the

Bureau of Juvenile Research of the State of Ohio. Dr. Goddard will go to Ohio in May, returning to the Training School for the Summer School for Teachers to take charge of the laboratory work.

WATSON BAIN, professor of applied chemistry at the University of Toronto, has been granted leave of absence for the duration of the war. He is going to Washington, D. C., where he will be on the staff of the Canadian mission.

COLONEL HERBERT S. BIRKETT, C.M.G., dean of the medical faculty of McGill University, Montreal, and who has been overseas in command of their base hospital, has returned home on account of ill health. Colonel John M. Elder has taken over the command of the hospital.

DR. JOHN E. BUCHER, professor of chemistry in Brown University, has been granted leave of absence for the second semester of the academic year, in order to devote himself to experimentation in chemical processes in the industry. He will continue to direct the work of certain advanced students in the university laboratory, but will be relieved of all teaching during the remainder of the year. Dr. Robert F. Chambers, a Brown graduate, will be acting head of the department during the second semester.

DEAN R. H. FORBES, of the University of Arizona College of Agriculture, and for eighteen years director of the Arizona Agricultural Experiment Station, has been granted a year's leave of absence for agricultural service in Egypt and is at present en route for Cairo. Dean Forbes is a specialist in semi-arid subtropical agriculture of the kind common to both Arizona and Egypt.

DR. A. I. RINGER has been appointed special consultant in diseases of metabolism at the German Hospital, New York City.

STEPHEN S. VISHER, Ph.D. (Chicago), has been appointed a land classifier in the United States Geological Survey.

PROFESSOR H. H. LOVE and Instructor William T. Craig, of the department of plant breeding, Cornell University, are cooperating