PERSONALS

T WILL be helpful if readers will send personal items concerning themselves and others to the Alumni Office. Great interest has been shown in these columns, but more information is required. Do not hesitate to send in facts about yourself, such as change of position or location, present job, technical accomplishments, etc. Please help.

-Editor.

KENNETH W. RANNEY holds the position of general manager, vegetable dehydrator, Cal-Foods at Santa Ana, Calif. The Cal-Foods Co. is the largest dehydrator of vegetables in southern California serving the Army Quartermaster Corps. Ken, you may remember, contributed generously of his products at the annual Alumni Seminar.

FRANK M. FOSTER is manager of the commercial and industrial sales division, Southern California Gas Co., Los Angeles, Calif.

ROBERT T. DILLON is employed by the G. D. Searle Co. of Chicago, Ill., as a research chemist, and is head of the analytical division.

EDMOND E. WINCKEL is associated with the Shell Oil Co., Inc., Los Angeles, Calif., as a petroleum engineer.

LEROY NEWCOMB is a mechanical engineer for Emsco Derrick and Equipment Co., Los Angeles, Calif.

MICHAEL B. KARELITZ is a staff member in mechanical engineering at the radiation laboratory, Massachusetts Institute of Technology, Cambridge, Mass.

EARL D. STEWART holds the position of director of chemical research for the

Schwarz Laboratories, Inc., of New York, N. Y.

1927

LIEUTENANT-COMMANDER W. W. AULTMAN, who before the war was a water purification engineer for the Metropolitan Water District of Southern California, is now an executive officer of the 8th Seabee Battalion on Iwo Jima. He was with the invasion forces at Iwo and lived two months in foxholes. Among his responsibilities has been the important one to investigate, design, and construct the water system for the island. The problem was a complicated one because of the high temperatures and chemical properties of the water, on account of the volcanic structure of the island.

HARRY FARRAR has recently returned from an extended business trip in the East, including in his itinerary the Western Electric Co. at Kearny and Jersey City, N. J., and Point Breeze, Md. In New York City he visited the American Telephone and Telegraph and Bell Telephone Laboratories. On July 11 at a New York restaurant the following alumni met with Mr. Farrar: G. P. Wilson '38, Evan Johnson '38, James Davies '36, Harry St. Clair '20, and Robert O. Cox '40. Mr. Farrar also saw Robert Moore '27, George Moore '27, Charles Bidwell '26, Robert Grigg '40, Ralph Blackman '26, Karl Ganslle '29, and Glenn Weaver '34.

RAY E. COPELAND holds the position of manager of sales at the Columbia Steel Co., Los Angeles, Calif.

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LIEUTENANT - COMMANDER WALTER L. DICKEY, civil engineer corps, for several years resident engineer at Hunter's Point Naval Drydock, Calif., has been transferred to Davisville, R. I.

JOHN W. DALY is geologist and seismologist for the Honolulu Oil Co. He lives at Lubbock, Tex., is married and has two sons.

FRANK A. NICKELL went to India in the summer of 1944 for geological engineering work connected with the development of dams and other structures related to a huge irrigation project being undertaken by the government in that country.

MYER STEIN is employed at present by the Aviola Radio Corporation, Glendale, Calif. Myer is devoting considerable time to writing "Operation and Maintenance Handbooks for Radar Equipment."

CHARLES K. LEWIS is contract and sales manager of The Glenn L. Martin-Nebraska Company, Omaha, Neb.

1932

CAPTAIN E. C. KEACHIE, U.S.A., is labor and public relations officer, San Francisco, Calif., engineering district.

HOWARD W. FINNEY holds the position of senior accountant for Lybrand, Ross Bros. and Montgomery, Los Angeles, Calif.

OSCAR F. VAN BEVEREN was married in June, 1944, to Mlle. Agnes Toutonghi at the Basilica of Notre Dame in Heliopolis, Egypt.

GEORGE H. BOWEN is a research engineer for the Mission Dry Corp. of Los Angeles, Calif.

1933

MAPLE D. SHAPPELL is working at the Guggenheim Aeronautical Laboratory at the Institute.



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LIEUTENANT TED S. MITCHEL is stationed at the naval air redistribution center at Miami, Fla.

1934

H. M. A. RICE is continuing to work on strategic minerals in western Canada for the Canadian Geological Survey.

BOB BROWN is working for International Derrick and Equipment Co., Torrance, Calif.

LIEUTENANT CARROLL C. CRAIG, U.S.N.R., announces the arrival of a son, Thomas Edward, on August 5. The Craigs also have a daughter, Martha, aged two and a half. Lieut. Craig is in the Bureau of Ordnance, Washington, D. C.

193!

MAURICE DONNELLY is still with the Soil Conservation Service in Riverside, Calif. His daughter Louise is now two and a half years of age.

RAYMOND A. PATERSON, after the completion of confidential work with the Submarine Signal Corp., has returned to the United Geophysical Corp., where he now occupies the post of vice-president.

ROBERT P. SHARP is a captain in the Arctic section of the Army Air Forces. Bob has accepted an appointment as associate professor of geology at the University of Minnesota, the appointment to become effective at termination of military services.

ROBERT STANLEY is chief engineer for the Bell Aircraft Corp., Niagara Falls, N V

CHARLES M. BLAIR holds the position of director of research of Tretolite Co., Webster Groves, Mo.

1936

LIEUTENANT G. R. NANCE was based at the Naval Air Station, Pearl Harbor, September, 1941, to March, 1943, then transferred to Johnson Island Naval Station from March until August, 1943. At present he is Bureau of Aeronautics general representative, western district, Los Angeles, Calif.

EDMUND BOYS is with Geophysical Service, Inc., doing contract seismic work for the Standard Oil Co. of California at Bakersfield and surrounding territories.

ROBERT W. WILSON is assistant professor of paleontology at the University of Colorado.

IVAR E. HIGHBERG is associate professor of mathematics and physics, Whitman College, Walla Walla, Wash.

1938

ELBERT F. OSBORN is still at the Geophysical Laboratory, Washington, D.C., and engaged in confidential work. He has purchased a home in Silver Springs, Md.

LIEUTENANT LEROY BRUCE KELLY, U.S.N.R., radar and communications officer, is with the Navy Air Force in the South Pacific area. His wife, Betty, and eight-months-old son, Wally (whom he has never seen), are living in Pasadena, Calif.

1939

WILLIAM R. FRAMPTON and Miss Dorothy Cunningham of Glendale were married last March 3. William has been stationed at Naval Air Station, San Diego, in materials laboratory.

RICHARD R. BRADSHAW announces the birth of a daughter, Linda Maile, last

March, in Honolulu. The Bradshaws have been in Honolulu since before the outbreak of war, Mr. Bradshaw being employed in the engineering department at Pearl Harbor Navy Yard.

MAJOR RICHARD H. HOPPER, who has been serving in the South Pacific area, reports he was married in September of last year to Renee Rudd, of Scotch ancestry, in Brisbane. After release from military duty, Dick expects to go back to work with Standard Oil in the East Indies.

1940

SERGEANT KEITH ANDERSON was home recently in southern California on a 30-day furlough. Sergeant Anderson had served overseas nine months and was in a mechanized outfit in Germany when the war ended. At the termination of his furlough, he left for Camp Gruber, Okla., to be assigned to the Pacific area.

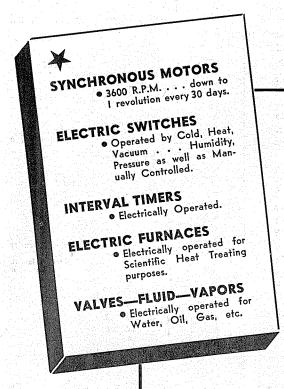
1941

ROBERT W. DURRENBERGER has been released from active duty in the Army Air Forces and has begun work to train as a junior executive for the firm of R. S. Bacon Veneer Co., Chicago, Ill.

THEODORE S. GILMAN is a research assistant in the chemistry department at the Institute.

1942

EMERSON L. KUMM has taken a position as electrical engineer with the Nathan B. Smith Manufacturing Co. of South Pasadena, Calif. During the war he was an instrument engineer for the Dow Chemical Co., Styrene Division, Los Angeles, Calif.



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We send our sincere thanks

- _ to the Army, Navy and Government authorities for their sympathetic understanding of our problems.
- to the shippers who cheerfully put up with delays so that more vital war freight could go through on time, and who cooperated in many ways to conserve equipment.
- to our passengers, for their good-natured acceptance of crowded trains and other wartime discomforts,
- to the thousands of people who stayed off the trains to make room for service men and other essential travelers.
- to the press and radio which understood our operating difficulties and kept the public informed.

We do not know how quickly Southern Pacific can convert from war to peace. Soon transports will be landing thousands of war-weary men at West Coast ports, and many more must be brought back from Europe. These men will want to get home as quickly as possible. We intend to do our best to carry them in the comfort to which they are entitled. This job comes first, of course.

Meanwhile, we are planning luxurious new streamlined trains, new travel comforts and refinements in passenger service, and improvements in freight service. We intend to go forward aggressively with the West, earning our right to serve you solely on merit and performance.

A. T. MERCIER, President



S•P The friendly Southern Pacific

MUSTAFA S. AKMAN (Terry) has been working for the Tamarack and Custer Mining Co. of Wallace, Idaho, since his graduation.

BENJAMIN DALEON, after receiving his degree in micropaleontology under Boris Laiming, joined the paleontological staff of the Texas Co. in Los Angeles, where he has become an authority on California Cretaceous foraminifera. ready to return to the Philippines to aid in the rehabilitation of his country when it calls him.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912.

of ENGINEERING AND SCIENCE MONTH-LLY, California Institute of Technology, pub-lished monthly at Pasadena, California, for October, 1945.

State of California, County of Los Angeles, ss.

County of Los Angeles, ss.

Before me, a notary public in and for the State and county aforesaid, personally appeared the editor of the ENGINEERING AND SCIENCE MONTHLY, California Institute of Technology, DONALD S. CLARK, who having been duly sworn according to law, deposes and says that he is the editor of the ENGINEERING AND SCIENCE MONTHLY, California Institute of Technology, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation) etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 411, Postal Laws and Regulations, printed on the reverse of this form to wit:

1. That the names and addresses of the pub-

- ne reverse of this form to wit:

 1. That the names and addresses of the publisher, editor, managing editor, and business managers are: Publisher, Alumni Association, Inc., 1201 E. California; Editor, Donald S. Clark, 1201 E. California; Editor, Pasadena 4, California; Managing Editor, R. C. Colling, 124 West Fourth St., Los Angeles 13, California; Business Management, Colling Publishing Co., 124 West Fourth St., Los Angeles, California.
- Los Angeles, California.

 2. That the owner is: (If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding one per cent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a firm, company, or other unincorporated concern, its name and address, as well as those of each individual member, must be given.) Alumni Association, Inc., California St., Pasadena 4, California; no stock, a non-profit corporation.

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- 3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.) None.
- none, so state.) None.

 4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting is given; also that he said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock bonds, or other securities than as so stated by him. by him.
- 5. That the average number of copies of each issue of this publication sold or distributed, through the mails or otherwise, to paid subscribers during the six months preceding the date shown above is . . . (This information is required from daily publications only.)

DONALD S. CLARK, Editor. Sworn to and subscribed before me this 26th day of September, 1945.
(Seal)

Ida A. Ritchie.

(My commission expires April 9, 1949.)