

combined with cross references and the assignment of large sections of the work to the more outstanding of the characters. While no arbitrary standard was followed in the allocation of space, each man treated won his place by the extent of his deeds.

It was a task that bristled with difficulties for any but the most skilled, and the degree of success obtained bears witness to the great competence of the author. Again, as in the *R. E. Lee*, we find the same vivid clarity of narrative, the justness of military observation by a highly regarded civilian analyst of war, and the broad grasp of the often confused scene that won for the earlier work the Pulitzer Prize Award. The characters are presented with conviction and authenticity. Dr. Freeman has succeeded to a large extent in giving animation to the least important of the actors, in spite of frequent lack of available detailed material. Some repetition of campaign description is present but it has been held to minimum. Certain operations such as the Valley Campaign, First Manassas and the actions around Yorktown, which received only cursory treatment in the *R. E. Lee*, are developed at length to throw full light on the capacities of Jackson, Magruder, Johnston and others. A valuable feature is an occasional summary analysis of the capacities of the commander under review. For the casual reader seeking a short-cut memory aid to the more important figures, a series of thumbnail sketches and photographs is included.

It must be conceded, however, that even the skill of Dr. Freeman is put to serious test in dealing with so varied a fare. There are moments when the work approaches too closely a detailed recital of military actions. It seems questionable whether so ample an account of the var-

ious battles was required in order to arrive at a judgment of the command capacities of the several actors. Selectivity and concentration could possibly have been used to greater advantage. Minor leaders are occasionally permitted to walk the stage and speak their brief lines to the disadvantage of the general flow of the narrative. A certain degree of confusion is produced at times from this over-inclusiveness. One senses a possible reluctance to overlook any candidates worthy of citation. But perhaps this is merely the impression of a non-Southern reader.

The cover carries a reproduction of one of the splendid murals from the Battle Abbey in Richmond by the great French artist, Charles Hoffbauer, who is now an American citizen and residing in Hollywood. It seems an oversight not to have given him credit by name.

NEWS OF CLASSES

1907

Rafael Pimentel died April 18, 1942, in Mexico City at Londres 112, where he lived with his wife and daughter.

1918

Fritz Karge is now with the Flour Corporation in Los Angeles.

1920

Robert Carson Smith is a captain in the Army Chemical Warfare Service, Edgewood Arsenal, Maryland.

1921

Major Smith Lee, U. S. Army, recently visited Los Angeles on his way from Utah to a new assignment on the Pacific Coast. Al Hall, Jerry Lavagnino, Art Spence, Dale Barcus, R. J. Hare, Ray Miller and H. J. Honsaker met with Major Lee for a brief reunion at Rene and Jean's Restaurant.

1922

Jay J. DeVoe is now captain in command of a signal training battalion at Camp Crowder, having been called to active duty last December.

Harold R. Harris, formerly with Panagra, is now stationed in Washington as Chief of the Plans Division in the Air Transport Command, where he says he is enjoying his work thoroughly.

Donald F. Shugart is a lieutenant colonel of the Air Corps, stationed at Fort Bragg, N. C.

Douglas MacKenzie has been promoted to the rank of lieutenant colonel. He was executive assistant to the area engineer in charge of the construction of Cochran Field, Macon, Georgia, the basic flying school which was the first completed by the Corps of Engineers. Colonel MacKenzie was called into service March 17, 1941, and served seven months as chief of Military Construction Division of the Savannah, Georgia District Engineer's Office and later as Area Engineer at Camp Stewart, Georgia. In World War I he served as a private in a training camp at Los Angeles and received his reserve commission as a second lieutenant in 1922.

Paul Ames is now with the patent department of the Standard Oil Company of New Jersey, and his office is in Radio City, New York.

1923

Bernie Evans has accepted a commission as Captain in the U. S. Marine Corps and is now on duty in San Diego.

1924

Vincent Manchee is stationed at the Huntsville Arsenal in Alabama after being commissioned a captain in the chemical warfare service last April.

1925

Oscar S. Larabee is on duty in Washington as a Major, Engineer Corps, with the Air Corps, and from all reports, spends half his time flying around the country.

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1926

Arthur Allyne is on active duty as a captain in the Chemical Warfare Service in Dallas, and **J. F. Voelker** is also a captain in the same service in Denver.

Robert Bogen recently became secretary-treasurer of the Production Tooling Company, tool designers and fabricators, located in Los Angeles.

Alvin G. Viney, who is in charge of the United States District Engineer's office in Jacksonville, Florida, has been promoted to the rank of colonel.

Manley W. Edwards is now a lieutenant in the Engineer Corps, on duty at Camp Young, California.

1927

Hilmer E. Larson is now at the University of California at Berkeley, employed as a research assistant.

Ted C. Combs, who was made a lieutenant colonel on October 13, visited the Cal Tech campus in November while on furlough in Southern California. He left greetings for all his friends, and regretted his inability to see them all this trip.

Thomas N. Shaw was named to represent the California Institute at the inauguration of Gregg M. Sinclair as president of the University of Hawaii on October 21. Mr. Shaw is a chemist with the Hawaiian Avocado Company.

Major **Vernon P. Jaeger** is stationed as chaplain at Camp White, Oregon.

David Z. Gardner is the Assistant Division Engineer for Santa Fe at Winslow, Arizona.

M. M. Bower, now a major in the Army, is in the office of the Chief Signal Officer, Washington, D. C.

1928

F. Gunner Gramiatky recently was commissioned a Captain in the Army, and is now working with the U. S. Engineers.

Kenneth Crosher recently was promoted to Lieutenant-Colonel, U. S. Army Air Corps.

Walter Grimes, recently made a major, is on duty at Fort Belvoir.

Bill Mohr, a major in the Corps of Engineers, and in command of an engineer battalion at Fort Ord, is the father of a son, **William Warren**, born November 27, 1942.

Allen Dunn received a promotion to major on October 13 at Camp Claiborne, La.

1930

Mr. and Mrs. **Theodore L. Ruff** are the parents of a girl born August 29.

O. Franklin Zahn, Jr. is an instructor in mechanical engineering at the University of Santa Clara.

Henry S. Mason, Jr. recently moved from San Gabriel, California, to Phoenix, Arizona.

Clyde Blohm is now with the Fluor Corporation in Los Angeles.

Lt. Sprague de Camp is working at the Naval Aircraft Factory and living in Lansdowne, Pa.

Lt. Harris K. Mauzy has been on active duty in the U. S. Naval Reserve since last April. He is stationed at San Juan, Puerto Rico.

1932

Captain **James R. Bradburn**, recently promoted, is the father of a girl, **Alice Elizabeth**, born June 8. Captain Bradburn is still with the Ordnance Department of the U. S. Army, stationed in Rochester, New York.

Phil Schoeller is now manager of supplies, materials and equipment for all projects of the Contractors, Pacific Naval Air Bases, and is living in Hawaii.

Bob Freeman and his wife sent out cards announcing the arrival of **Dale Edward**, born October 27.

Millard Barton has accepted a position as professor of aeronautics at the University of Texas, Austin.

Albert W. Atwood is now doing consulting engineering in the electrical field, particularly in power and dust control.

Lt. William R. Bergren is Nutrition Officer at Fort Benning, Georgia.

1933

George Chesson is now a lieutenant (j.g.) in the U. S. Naval Reserve.

Mr. and Mrs. John A. Randall are the parents of a son, born September 18.

1934

Robert Boykin is now working for the Chemical Engineering Department at Cal Tech as a research assistant.

Lt. David E. Cook is a member of the U. S. Army Signal Corps.

Lt. Kenneth A. Willard is attached to the Army Air Service of the United States Weather Bureau in Washington.

1935

Francis R. Gay is now employed at Lockheed.

Jackson Edwards was married to **Patricia Burr** on November 14 in Los Angeles.

Arthur Engelder, a 1st Lieutenant, enlisted in June, and is now with the Medical Corps, Army Infantry, at Camp Carson, Colorado. After his graduation from Johns Hopkins, Arthur had practiced for a year in Tucson, Arizona.

Nelson Nies is with the chemistry department at Northwestern Technical Institute.

1936

Perry Wainer is with the Aircraft Accessories Corporation at Kansas City, Kansas.

Egor Paul Popov, who worked in the civil engineering department at Tech from 1934 to 1936, recently accepted a position with the Goodyear Tire and Rubber Company in Los Angeles.

Conrad Muller is now with the International Telephone and Radio Laboratories in New York City, and is living in Montclair, New Jersey.

Edwin Getzman is an engineer with Mitts and Merrill, a machine tool manufacturing firm in Saginaw, Michigan.

Michael Mahon is now division engineer with the Southern California Gas Company at Taft, California.

Clarence Goodheart has resigned from the teaching staff of the A. and M. College of Texas, and is now employed by the Naval Ordnance in Washington.

Howard F. Hamacher, of Cambridge, Massachusetts, was married to Miss **Jean Chamberlain** on October 17th.

William C. Richey and **Ann Henck** of Skyforest, California, were married recently.

John Austen is still with Ingersoll Rand Company in the Cameron Pump Division in Phillipsburg, New Jersey.

Joseph J. Peterson was advised by Mr. A. F. Duggleby, an executive officer of a Manila mining company, through the Alumni Association, that his parents in Manila are safe and well. This is the first word that he had heard of his parents since last December.

Edward Price, Jr. and Miss **Margaret Muckleson** were married in August, and are now living in Glendale.

1937

Paul F. Jones is an associate engineer in the Navy Department, Bureau of Ships, Washington, D.C.

Vernon Gevecker is a Major, U. S. Army, acting as Chief of the Research Library Section, Map-Chart Division, at the Army Air Force Headquarters in Washington, D.C. He entered the Army in April, 1941 and served with the engineers until December, 1941, at which time his

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transfer to his present position was requested by the Air Corps.

Virgil Erickson is a construction engineer with the Morris-Knudsen Company in Kingman, Arizona. He was married on September 10 to Miss Betty Lou Williams of Warrenton, Oregon, in Los Angeles.

LeVan Griffis and his wife, the former Alice Todhunter, are the parents of a boy, Christopher Allen, born November 4 in Chicago.

1938

Janet Patricia was born August 24 to Eleanor and Bill Althouse.

Mr. and Mrs. **Lupton A. Wilkinson** are the parents of a boy, Lupton Allemond Wilkinson III, born September 2 in Pasadena.

Hank Evans is now with the National Safety Council in Chicago, acting as consultant to the Rock Island Arsenal on traffic matters in connection with worker-transportation, as well as other phases of the transportation problem.

William Rhett has joined the Atlantic Division of Pan American Airways as a junior pilot and is completing his aviation training before being checked out on the giant ocean-flying Clippers.

1939

George Morikawa is now working at Armour Tech on a research fellowship.

John A. Battle has been transferred from Brownsville, Texas, to Guatemala City, Guatemala, by Pan American Airways.

Duane Beck is the father of a daughter born this summer.

Ensign **Willard M. Snyder** has completed his training at Corpus Christi and has received his wings. He has returned to that field as an instructor. Until the time of his enlistment, Ensign Snyder was with the U. S. Bureau of Reclamation at the Sacramento Valley Project.

Curtis M. Lee writes that he is the father of eight pounds of sheer feminine perfection born June 21 and named Martha Evelyn.

Mr. and Mrs. **J. Eugene Stones** are the parents of a daughter born last January.

Paul Engelder, after a period of intensive training at Philadelphia and Quantico, was commissioned a Second Lieutenant in the Marine Reserves. From there he was sent to Pago Pago, Samoa, in October, 1941. He has shown marked ability as an officer, as is attested by his promotion from second lieutenant to captain in less than two years.

Dr. Hubert Arnold is now a lieutenant (j.g.) in the United States Naval Reserve.

Norman Horowitz is with the biology department at Stanford University.

Warren Wagner, personnel manager for The Contractors, in charge of all phases of personnel, visited Los Angeles in October.

Dr. William Stewart is with the Bureau of Plant Industries, Beltsville, Maryland, as plant physiologist.

Bill Norton was married December 12 to Miss Frances G Lail in Los Angeles. They will make their home in La Jolla after January 1.

1940

Willys Lemm is now acting in the capacity of a research assistant at Tech, working under Professor Lindvall. Mr. Lemm left a position with DuPont to take on the work at Tech.

Ensign **James M. Watkins, Jr.**, U.S.N.R., is stationed at the Bureau of Ordnance in the Navy Department at Washington, D.C.

Sherwin Avann is with the Department of Mathematics, Washington University, St. Louis, Missouri.

Edward R. Van Driest is an associate professor of civil engineering at the University of Connecticut, Storrs, Connecticut.

Miller Quarles is now employed by the United Geophysical Company at Clayton, New Mexico.

Robert Wallace is with the United States Geophysical Survey at Sleetmute, Alaska.

1941

Lt. Joe Trindle visited the campus in October after eleven months in England. Most of his time was spent in the Salisbury region in Southern England, where he found the English to be extremely hospitable. Joe is now at Fort Monmouth, New Jersey.

Lt. (j.g.) Donald C. Campbell, U.S.N.R., and Miss Janet Ruth Partch were married September 5th at Silver Spring, Maryland, and are now living at Cabin John Gardens, Maryland.

Newell T. Partch was married early in November to Miss Anne Wagner, and they are living in Berkeley where the groom holds an executive position with an engineering company.

Willis E. Dobbins, a second lieutenant in the Signal Corps, is now classed as a radar technician, and has been sent abroad on a special assignment. He spent last winter in England, returning in June when he acted as instructor for two months at Camp Murphy, Florida.

Mr. and Mrs. John J. Rupnik are the parents of a daughter, Daile Barbara, born November 9th.

Walter Z. Davis and Betty Jean Berg were married on September 12th at Spokane, Washington, where Zeke is employed by Alcoa.

Kenyon Howard is with the Standard Oil Company of California, working as a junior engineer at their El Segundo Refinery.

Charles Roen is with Shell Chemical, doing research work, and is living in North Long Beach, California.

Bill Corcoran and Miss Martha Rogers were married November 7, and are now living at 1776 Oakdale Street, Pasadena.

1942

Charles M. Brown is employed by the RCA Manufacturing Company of Camden, New Jersey, as a field engineer.

Fred Ashbrook, who was married October 7 to Miss Margery Martin of Altadena, is now living in Cambridge, Massachusetts, where he is with the Radiation Laboratory of M.I.T.

Francis B. Brown, known to many of the mechanical engineers in 1941-42, was married to Mary Catherine Marsh, August 15, at Phoenix, Arizona. He is a lieutenant, U. S. Army.

Pichel W. Pichel and Miss Mary Bowles were married September 8th.

Henry V. Roese and Miss Jeanne Nazro were married early in September, and are now making their home at 2015 Locust Avenue, Long Beach.

Richard H. Cox and Miss Virginia Smith of Pasadena will be married December 12.

Charles Pearson and Miss Virginia Mary Ponto were married on October 10, and are now living in Pasadena.

George F. Meyer is attending Harvard Naval Communication School.

Sydney Gold, who is with the Standard Oil Company of California, is enjoying his work in San Francisco.

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

of ALUMNI REVIEW, California Institute of Technology, published quarterly at Pasadena, California, for October, 1942. State of California, County of Los Angeles, ss.

Before me, a notary public in and for the State and county aforesaid, personally appeared the editor of the ALUMNI REVIEW, California DONALD S. CLARK, who having been duly sworn according to law, deposes and says that he is the editor of the ALUMNI REVIEW, 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:

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DONALD S. CLARK, Editor

Sworn to and subscribed before me this 22nd day of September, 1942. Ida A. Ritchie (Seal) (My commission expires April 8, 1945.)

Donald S. Clark . . . Editor Hugh Colvin, George Langsner . . . Editorial Board David Shoner . . . Business Manager

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