gestion of pale eggs of the crows. In the accompanying photograph (fig. 24) a normal Coot's egg is shown along with the one just described. Careful scrutiny will serve to bring out some of the oddities that have been mentioned. The difference in size and shape between the two is normal and within the range of individual variation. As for the cause of this abnormality, it may be attributed to continued excitement and fear and their reactions through the nervous system upon the ordinary functions of the oviduet.

Washington, D. C., January 22, 1917.

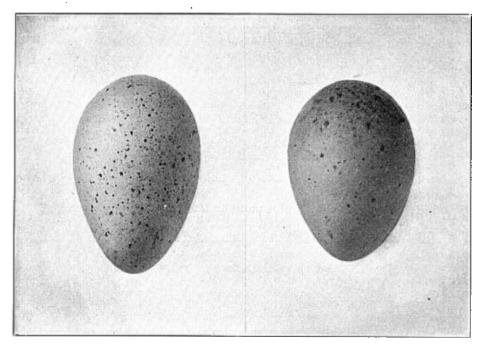


Fig. 24. Normal Egg of Coot at left; abnormally marked specimen at right.

Natural Size.

NAMES OF WRITERS ON CALIFORNIA BIRDS

By T. S. PALMER

N THE BIBLIOGRAPHY of California Ornithology', published in 1909, Joseph Grinnell has brought together nearly 1800 titles of publications on the birds of California and has indexed them under authors, local lists, and species, so as to facilitate ready reference to each paper or note. This Bibliography compares favorably in accuracy and completeness with any ever published in this country.

The Index to Authors includes the names of about 350 individuals. More than two thirds of these names are complete, but in 107 cases it was found impracticable to give the names in full. It seems highly desirable to complete these names while it is still possible to obtain the necessary data, in order that

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the full names of those who have published on the birds of the state may be placed on record. As a contribution to this work the following list containing the names of 57 authors—52 in full and 5 in part—has been prepared in the hope that some of the 50 names still incomplete may be supplied by others who may happen to have the desired information.

The years following each name indicate the dates of the author's publications as indexed in Grinnell's Bibliography, dates in parentheses the years of birth and death, and names in brackets those which are seldom used.

Bell, Howard W., 1890 Bickford, Elmer Leonard, 1904, 1905 Bliss, Walter D., 1893 Bolle, Carl, 1857 Brokaw, Louis Westen (1875-1897), 1893, 1895, 1898 Burt, Homer C., 1905 Canfield, Colbert S., 1869 Chambers, Vactor Tousey (1830-1883), 1876 Cooper, William Alvord, 1878, 1879 Denton, Shelley Wright, 1884 Des Murs, [Marc Athanese Parfait] OEillet (1804----), 1855 Edmiston, Joseph L., 1885 Farnham, Thomas Jefferson, 1852 Flint, William Clement (died 1891), 1884 Gunn, Charles William (?), 1885 Hartert, Ernst [Johann Otto], 1892, 1897, 1900 Hatch, Philo Luois (1823-1904), 1897 Holmes, Frank Henry, 1897, 1899 Hutchings, James Mason, 1856 Charles Thomas (1805-1880),Jackson, 1866, 1868 Jewett, Stanley Gordon, 1905 Johnson, Frederick Orson, 1889, 1891, 1892 Jones, John Matthew, 1850 Kennerly, Dr. Caleb Burwell Rowan, 1859 Kneeland, Samuel, 1871 Kobbé, William Hoffman, 1901, 1902 Koch, Frederick William, 1892, 1893 Lefler, Charles Horace, 1895

Anderson, Dr. Charles Lewis, 1892

Bagg, Sherman, 1894

Lilliencrantz, Tod ['T. L.'], 1888 Lockington, William Neale (1842?-1902), 1878 Marr, Cyril, 1885 Milet de Mureau, Baron Louis Marie Antoine Destouff de (1756-1825), 1797 Nettleton, Charles Philip (deceased), 1894 Noack, Harry Richard, 1902 Nodder, Frederick Polydore (-1797 Nordhoff, Charles Bernard, 1902 Norris, Joseph Parker (1847-1916), 1886-1888, 1890, 1891 Palmer, Ethan De Lay, 1894 Parker, Harry Green, 1886 Peck, George Delrane, 1904 Reed, Chester Albert (1876-1912), 1904 Salvadori, Count Tommaso [Adlard], 1893, 1895 Shields, Alexander McMillan, 1884-1886, 1888, 1894, 1895, 1899 Slevin, Thomas Edwards (1871-1902), 1899 Stejneger, Dr. Leonhard [Hess], 1885, 1886 Streator, Clark Perkins, 1886, 1888, 1891 Studer, Jacob Henry, 1897 Taylor, Alexander Smith (1817---), 1855, 1859 Van Dyke, Theodore Strong, 1886, 1897 Vrooman, Albert George, 1901, 1905 Watkins, Lucius Whitney, 1898 Willard, John Melville, 1897, 1899, 1901, 1902 Wueste, Rudolph Charles, 1902 Wyatt, Claude Wilmott (1842-1900). 1894 Zahn, Otto Johann, 1895

Washington, D. C., December 24, 1916.