

SOUTHERN DIVISION

MARCH.—Regular monthly meeting of Cooper Ornithological Club, Southern Division, was held at 8:00 P. M. at the usual place. Dr. Rich was in the chair, and in the absence of the regular secretary he appointed Mr. Little secretary pro tem. Others present were as follows: Mrs. Law; Miss Miller and Miss Pratt; Messrs. Appleton, Bishop, Brown, Chambers, Hannaford, Holland, Howell, King, Lamb, Law, Miller, Nokes and van Rossem. Visitors were: Mesdames Bishop, Howell and Raymond, and Miss Swarth.

Minutes of January and February meetings were read and approved. Membership applications were as follows: Dr. George T. McKeough, Blenkerin, Ontario, Canada; John D. Houghton, care Dr. J. W. Flinn, Prescott, Arizona; Harry H. Sheldon, care Commercial Trust & Savings Bank, Santa Barbara; and Hamilton Gamble, 476 8th Ave., San Francisco, all by W. Lee Chambers; David L. MacKaye, Tulare, Calif., by L. E. Wyman. From the Northern Division came the following: Mrs. W. S. Davenport, Berkeley; Philip Kloss, Piedmont; and Mrs. Adeline Frederick, Berkeley.

Dr. Miller then presented an interesting paper on "Recent Things on Fossil Birds". The peculiar relations, in wing markings, of the Glaucous-winged and Thayer Gulls were demonstrated and discussed by Dr. Bishop. The meeting closed with the usual informal discussion of subjects ornithological. Adjourned.—LUTHER LITTLE, *Secretary pro tem.*

DIRECTORY OF MEMBERS OF THE
COOPER ORNITHOLOGICAL CLUB

Revised to June 1, 1922

OFFICERS

NORTHERN DIVISION

President, Harry S. Swarth
Vice-President, J. S. Cooper
Secretary, Mrs. Amelia S. Allen

SOUTHERN DIVISION

President, Guy C. Rich
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Harry S. Swarth

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J. Eugene Law
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ENDOWMENT SECRETARY

A. Brazier Howell

The above officers, together with the fol-

lowing ex-presidents (not included above, all those whose membership has been continuous since incumbency) constitute the Board of Governors of the Club.

Ralph Arnold, Harold C. Bryant, Henry W. Carriger, Herbert L. Coggins, Barton Warren Evermann, Walter K. Fisher, Ozra W. Howard, Joseph Malliard, Loye H. Miller, G. Frean Morcom, Wilfred H. Osgood, Howard Robertson, Tracy I. Storer.

MEMBERS

In the following roster, residence is understood to be in California unless otherwise indicated. Year following address indicates date that member joined the Club; year in parenthesis indicates date member became honorary or life member. Star (*) preceding indicates life member; "§" indicates contributor to Endowment Fund.

HONORARY MEMBERS

*§Bailey, Florence M. (Mrs. Vernon), 1834 Kalorama Road, Washington, D. C. 1910 (1920).
Henshaw, H. W., Biol. Survey, Washington, D. C. 1909.
Merriam, Dr. C. Hart, 1919 16th St., Washington, D. C. 1909.
Nelson, E. W., Biol. Survey, Washington, D. C. 1904 (1917).
Ridgway, Robert, 3306 New Hampshire Ave., N. W., Washington, D. C. 1905.
§Stephens, Frank, 3746 Park Blvd., San Diego. 1894 (1912).

ACTIVE MEMBERS

Abbott, Clinton G., Nat. Hist. Museum, Balboa Park, San Diego. 1921.
Abernathy, Frieda (Mrs. St. E.), 2300 Durant Ave., Berkeley. 1914.
Adams, Benjamin, Wethersfield, Conn. 1920.
Adams, Miss Romola M., 912 Linden Ave., Long Beach. 1921.
Alexander, Miss Annie M., Suisun. 1908.
Alexander, E. Gordon, 1603 South St., Lexington, Mo. 1918.
Allen, Dr. Arthur A., McGraw Hall, Ithaca, N. Y. 1911.
Allen, Mrs. Amelia S., 37 Mosswood Road, Berkeley. 1913.
Anderson, Mrs. Malcolm P., 2809 Buena Vista Way, Berkeley. 1920.
Anderson, Dr. Rudolph M., Biol. Div., Victoria Memorial Museum, Ottawa, Ont., Canada. 1916.
Andrews, E. R., Apt. 14, 1048 Union St., San Francisco. 1920.
Anthony, A. W., Nat. Hist. Museum, Balboa Park, San Diego. 1921.
Applegate, Elmer I., Klamath Falls, Ore. 1921.

- *Appleton, J. S., 1332 Citrus Ave., Hollywood. 1901 (1919).
- Armstrong, Edward E., 2249 Calumet Ave., Chicago, Ill. 1914.
- Arnold, E., Grand Trunk Ry., Montreal, Que., Canada. 1909.
- Arnold, Mrs. Lewis, 2732 Benvenue Ave., Berkeley. 1921.
- Arnold, Dr. Ralph, 639 S. Spring St., Los Angeles. 1893.
- Arnold, Dr. W. W., 504 N. Nevada Ave., Colorado Springs, Colo. 1911.
- Atkinson, W. L., 35 Hawthorne Way, San Jose. 1901.
- Atsatt, Miss Sarah R., 345 S. Serrano Ave., Los Angeles. 1911.
- Austin, Miss Dorothy K., 85 S. Madison Ave., Pasadena. 1921.
- Averill, Charles Ketchum, 406 Stratford Ave., Bridgeport, Conn. 1922.
- Ayer, Ethel C., 1301 Jackson St., Oakland. 1920.
- Bacon, Brasher C., Madisonville, Ky. 1921.
- Bade, Wm. F., 2616 College Ave., Berkeley. 1903.
- Badger, M. C., Santa Paula. 1915.
- Bailey, Alfred M., Colo. Museum Nat. Hist., Denver, Colo. 1917.
- Bailey, Bernard, R.D. 1, Elk River, Minn. 1911.
- Bailey, H. H., Box 5, Miami Beach, Miami, Fla. 1903.
- Bailey, Vernon, 1834 Kalorama Road, Washington, D. C. 1904.
- Baker, Chas. H., 594 13th St., Oakland. 1921.
- *Baldwin, S. P., 2930 Prospect Ave., Cleveland, Ohio. 1920 (1920).
- §Bales, Dr. B. R., 149 W. Main St., Circleville, Ohio. 1906.
- Ballard, Mrs. Maria V., 295 12th St., Portland, Ore. 1919.
- Bamford, Mrs. G. L., 1428 Castro St., Oakland. 1918.
- Bancroft, Griffing, Cuyamaca Club, San Diego. 1920.
- §Bangs, Outram, Museum Comp. Zool., Cambridge, Mass. 1906.
- Barker, Fred, Parkers Prairie, Minn. 1914.
- Barnes, C. A., 1815 S. Western Ave., Los Angeles. 1921.
- Barnes, Claude T., 359 10th Ave., Salt Lake City, Utah. 1915.
- Barnes, Frances V., 1815 S. Western Ave., Los Angeles. 1921.
- *§Barnes, R. Magoon, Lacon, Ill. 1908 (1921).
- Barrows, Prof. Walter B., Box 1047, East Lansing, Mich. 1909.
- Bartlett, Mrs. Adelaide R., Assessors Office, City Hall, San Francisco. 1922.
- Bassett, F. N., 1338 8th St., Alameda. 1919.
- Batchelder, Chas. F., 7 Kirkland St., Cambridge, Mass. 1910.
- Bates, Josephine J., 1267 Sunset Ave., Pasadena. 1921.
- *§Beck, Rollo H., R.D. 21, San Jose. 1894 (1919).
- Beers, Miss Catherine V., Univ. Southern Calif., Los Angeles. 1921.
- Bell, Archibald W., 2423 Oregon St., Berkeley. 1922.
- Bell, B. C., 235 8th St., San Francisco. 1919.
- Benjamin, Elbert, 109 Coral St., Los Angeles. 1920.
- Bennet, Eleanor V. V., 2904 Piedmont Ave., Berkeley. 1920.
- Bennett, R. H., 216 Market St., San Francisco. 1909.
- Bent, A. C., 140 High St., Taunton, Mass. 1909.
- Benton, Thos. H., Jr., 3200 Liberty Ave., Alameda. 1916.
- Bergtold, Dr. W. H., 1159 Race St., Denver, Colo. 1917.
- Betterley, Bertram O., 2005 2nd St., Eureka. 1922.
- Bicknell, Mrs. F. T., 319 S. Normandie Ave., Los Angeles. 1913.
- Bigelow, Homer L., 37 Old Orchard Road, Chestnut Hill, Mass. 1910.
- *Bishop, Dr. Louis B., 5956 Hollywood Blvd., Hollywood. 1904 (1920).
- Blake, Mrs. Edwin T., 2233 Piedmont Ave., Berkeley. 1917.
- Blayney, Nita A., 920 O St., Fresno. 1911.
- Bliss, John D., Pozo, San Luis Obispo Co. 1916.
- Boeing, W. E., The Highlands, R.D. 2, Seattle, Wash. 1914.
- Bogle, Mrs. Sara S., 2520 Hillegass Ave., Berkeley. 1921.
- Bolander, L. Ph., Jr., 1947 E. 28th St., Oakland. 1907.
- Bolt, B. F., 1421 Prospect Ave., Kansas City, Mo. 1916.
- Borell, Adrey E., 227 Calaveras Ave., Fresno. 1918.
- Bowden, R. E., Bozeman, Mont. 1921.
- Bowdish, B. S., Demarest, N. J. 1910.
- Bowles, J. H., The Woodstock, Tacoma, Wash. 1903.
- Boyle, Ashby D., 380 E St., Salt Lake City, Utah. 1915.
- Boyle, Miss Una, 132 Laurel Place, San Rafael. 1921.
- Boynton, Charles T., 1005 S. Sheridan Road, Highland Park, Ill. 1919.
- *§Bradbury, W. C., 1440 Race St., Denver, Colo. 1913 (1914).

- Braislin, Dr. William C., 425 Clinton Ave., Brooklyn, N. Y. 1910.
- Bramkamp, Richard, Banning. 1921.
- Brandt, H. W., 2025 E. 88th St., Cleveland, Ohio. 1914.
- Bridges, Mrs. Harriette W., 5939 Shafter Ave., Oakland. 1918.
- *Brooks, Allan, Okanagan Landing, B. C., Canada. 1906 (1920).
- Brooks, L., Box 539, New Bedford, Mass. 1913.
- Brouse, W. A., 3623 5th Ave., Los Angeles. 1916.
- Brown, D. E., 87 Lenora St., Seattle, Wash. 1909.
- *Brown, Edward J., 222 W. 47th Pl., Los Angeles. 1915.
- Brown, G. Franklin, Needham, Mass. 1918.
- Brown, Mrs. Herbert, 434 E. 2d St., Tucson, Ariz. 1914.
- Brown, Miss Nellie M., 810 Brockman Bldg., Los Angeles. 1922.
- Brown, Mrs. William C., 945 Orange St., Los Angeles. 1921.
- Brownlee, Mrs. Marie P., 714 Grosse Bldg., Los Angeles. 1919.
- Brune, Leo, Grand Dalles, Wash. 1919.
- Bryan, William Alanson, Museum Hist., Sci., and Art, Los Angeles. 1921.
- Bryant, Dr. Carl H., Atascadero. 1922.
- Bryant, Chas. A., Room 1028 S. P. Bldg., 65 Market St., San Francisco. 1922.
- §Bryant, Dr. Harold C., Museum Vert. Zool., Berkeley. 1910.
- Buhn, Mrs. Minnie, 1025 Pearl St., Alameda. 1921.
- Bull, Daniel Bernard, R.D. A, Box 158, San Jose. 1919.
- Bull, Mrs. D. Bernard, R.D. A, Box 158, San Jose. 1921.
- Bunker, Paul F., 1913 Woolsey St., Berkeley. 1922.
- Burk, Genevieve S., 1601 Oxford St., Berkeley. 1920.
- Burleigh, Thos. D., Univ. Ga., Athens, Ga. 1918.
- Burnell, Miss Elizabeth, 419 S. Olive St., Los Angeles. 1921.
- Burnett, W. L., State Agr. Coll., Fort Collins, Colo. 1910.
- Burnham, Dr. Clark, Bushnell Place, Berkeley. 1907.
- Burnham, John, Timken Bldg., San Diego. 1920.
- Burns, Frank L., Berwyn, Pa. 1909.
- Burns, James R., 645 44th St., Des Moines, Ia. 1922.
- Burtch, Verdi, Branchport, N. Y. 1910.
- Cahn, Alvin R., Biol. Dept., Texas A. and M. College, College Station, Tex. 1922.
- Calder, James A., Buena Park. 1917.
- Camp, Chas. L., Bacon Hall, Univ. Calif., Berkeley. 1909.
- Canby, Caroline P., San Fernando. 1921.
- Canfield, Mrs. May, 2875 Clay Ave., San Diego. 1922.
- Cantwell, George G., Puyallup, Wash. 1915.
- Carpenter, George I., 129 Dean St., Brooklyn, N. Y. 1920.
- Carpenter, N. K., 3775 Kite St., San Diego. 1901.
- Carriger, H. W., 5185 Trask St., Oakland. 1895.
- Case, Rev. Bert F., East Granby, Conn. 1913.
- Case, C. M., 306 Blue Hills Ave., Hartford, Conn. 1911.
- Case, Walter M., Box 399, Prescott, Ariz. 1921.
- §Chamberlain, C. W., 36 Lincoln St., Boston, Mass. 1912.
- *Chambers, W. Lee, Eagle Rock. 1897 (1919).
- Chapman, Frank M., Amer. Museum Nat. Hist., New York, N. Y. 1903.
- Cheesman, M. R., R.D. 1, Rivera. 1919.
- Cheney, E. S., 1838 4th Ave., Oakland. 1920.
- Cheney, Miss Mary, South Manchester, Conn. 1919.
- Clark, Josiah H., 702 E. 23d St., Paterson, N. J. 1910.
- Cleaves, H. H., Nat. Hist. Museum, Balboa Park, San Diego. 1921.
- Clifton, H. T., 509 E. Walnut St., Pasadena. 1904.
- Coale, Henry K., Highland Park, Ill. 1907.
- Coffin, Robert L., Mass. Agr. Exp. Station, Amherst, Mass. 1920.
- Coggins, Herbert L., 2929 Piedmont Ave., Berkeley. 1910.
- Cohen, Donald A., 2618 Lincoln St., Alameda. 1901.
- *§Colburn, A. E., 806 S. Broadway, Los Angeles. 1905 (1915).
- Cole, Mrs. Arthur H., 2827 Hillegass Ave., Berkeley. 1917.
- Cole, F. R., Box 26, Palo Alto. 1919.
- Cole, John L., R.D. 5, Nevada, Ia. 1922.
- Coman, Mary C., 1644 Berkeley Ave., Stockton. 1921.
- Compton, Mary J. (Mrs. C. Norman), 6510 1st St. N. E., Seattle, Wash. 1920.
- Comstock, Dr. John, Southwest Museum, Los Angeles. 1920.
- Cook, Fred'k. W., 1604 E. Harrison St., Seattle, Wash. 1919.
- Cooke, Miss M. T., 1328 12th St., Washington, D. C. 1918.
- Cookman, Alfred, 2921 B St., San Diego. 1912.
- Cooley, R. A., Agr. Exp. Sta., Bozeman, Mont. 1921.

- Cooper, J. S., 827 54th St., Oakland. 1903.
 Cope, Francis R., Jr., Dimock, Penn. 1919.
 Coppee, Marie P., Ross, Marin Co. 1921.
 Corwin, Helen G., 2542 Durant Ave., Berkeley. 1922.
 Cox, H. E., care C. H. Reed Co., San Luis Obispo. 1916.
 Cox, Richard, 3d, 1829 Arch St., Berkeley. 1919.
 Cozens, Harold H., 3071 Bateman St., Berkeley. 1921.
 Crane, Ada Ethel, Box 607, Westwood. 1914.
 Craven, Jesse T., 5315 Roosevelt Ave., Detroit, Mich. 1909.
 Crosby, Maunsell S., Grasmere Farms, Rhinebeck, N. Y. 1911.
 Crum, Miss Ethel, Morada Apts., Tulare. 1920.
 Culver, Geo. B., Stanford University. 1921.
 Culver, Susan B., 2423 Prospect St., Berkeley. 1914.
 Cummings, Byron, Univ. Ariz., Tucson, Ariz. 1916.
 Cunningham, Walter, 3009 Dunham Ave., Kansas City, Mo. 1921.
 Currier, Ed. S., 416 E. Chicago St., St. Johns Sta., Portland, Ore. 1904.
 Dart, Mrs. Bertha L., South 6th St, Montevideo, Minn. 1922.
 Davenport, Mrs. Elizabeth B., Northern Ave., Brattleboro, Vt. 1911.
 Davenport, Mrs. W. S., 2730 Stuart St., Berkeley. 1922.
 Davidson, Miss Pirie, S. Branch, Univ. Calif., Los Angeles. 1916.
 Davies, A. E., 1327 Grove St., Berkeley. 1920.
 Davis, Dr. Fred B., 401 Vernon St., Oakland. 1916.
 Davis, Henry W., 10 S. Baton Rouge Ave., Atlantic City, N. J. 1922.
 Davis, John M., 737 M St., Eureka. 1908.
 *Dawson, W. Leon, R.D. 3, Box 83, Santa Barbara. 1906 (1915).
 Dean, W. F., Three Rivers. 1901.
 Deane, Ruthven, 112 W. Adams St., Chicago, Ill. 1904.
 Deane, Wallace A., 1266 Columbia Road, Washington, D. C. 1919.
 Deane, Walter, 29 Brewster St., Cambridge, Mass. 1907.
 Dearborn, Ned, Sackett Harbor, N. Y. 1909.
 Decker, F. R., Kiona, Wash. 1913.
 DeGroot, Dudley S., Normal Hill Center, Los Angeles. 1916.
 Dewees, Miss Elizabeth, Whitehall Rd. and Marshall St., Norristown, Pa. 1922.
 Dice, Dr. Lee R., Museum of Zoology, Ann Arbor, Mich. 1914.
 Dickenson, A. B., R.D. 1, Box 11B, San Gabriel. 1916.
 Dickenson, Mrs. A. B., R.D. 1, Box 11B, San Gabriel. 1919.
 *Dickey, Donald R., 514 Lester Ave., Pasadena. 1910.
 Dill, Dr. Robert, State Sheep Commission, Reno, Nev. 1921.
 Dille, F. M., Valentine, Neb. 1903.
 Dings, G. M., 2161 Ry. Exch. Bldg., St. Louis, Mo. 1920.
 Disney, Dwight R., Box 278A, Rupert, Idaho. 1920.
 Dixon, Joseph, Museum Vert. Zool., Berkeley. 1904.
 Dodge, Laura I., 3031 Eliot St., Long Beach. 1915.
 Dodge, Ralph E., R.D. 9, Box 468, Exeter. 1915.
 Dodge, Mrs. Rowland B., 64 Panoramic Way, Berkeley. 1920.
 Doolittle, E. A., Box 44, Painesville, Ohio. 1918.
 Drachman, Myra, 3031 Eliot St., Long Beach. 1915.
 Drummond, Mrs. Ella B., 2739 Bancroft Way, Berkeley. 1921.
 DuBois, Alexander Dawes, 327 S. Glenwood Ave., Springfield, Ill. 1911.
 Duprey, H. F., R.D. 1, Box 78B, Dixon. 1907.
 Durfee, Owen, Box 125, Fall River, Mass. 1911.
 Dutton, P. C., 65 High St., Stone Staffs, England. 1913.
 Dwight, Dr. Jonathan, Jr., 43 W. 70th St., New York, N. Y. 1904.
 Easton, Mrs. Jane F., Torrey Road, La Jolla. 1920.
 Eaton, S. Harrison, Box 653, Lawrenceville, Ill. 1916.
 Edson, J. M., Marietta Road, Bellingham, Wash. 1911.
 Edwards, H. Arden, R.D. 1, Box 284, Los Angeles. 1913.
 *Eggleston, Prof. Julius W., Cuttingsville, Rutland Co., Vt. 1913 (1919).
 Elmore, Louis A., 486 Boulevard, Ashland, Ore. 1920.
 *Emerson, W. Otto, Palm Cottage, Hayward. 1920 (1921).
 Enochs, Rex P., 715 S. Hope St., Los Angeles. 1921.
 Esterly, Dr. C. O., Occidental College, Los Angeles. 1908.
 Evans, Ella A., Exeter. 1922.
 Evans, Frank C., Crawfordsville, Ind. 1918.
 Evans, J. Harold, R.D. 4, Box 500, Santa Rosa. 1917.
 Evans, Wm. V., Livingston, Mont. 1920.

- Everhart, Mrs. L. U., Thermal. 1922.
 Evermann, Dr. Barton W., Cal. Acad. Sci-
 ences, San Francisco. 1911.
 Falger, Annie M. (Mrs. Wm.), Modesto.
 1917.
 Farber, William P., 2605 Etna St., Berke-
 ley. 1921.
 Fargo, Mrs. Minerva J., 1632 N. Kingsley
 Drive, Los Angeles. 1914.
 Farnsworth, Dean, 1009 Manning St., Win-
 field, Kan. 1921.
 Felger, A. H., North Side High School, Den-
 ver, Colo. 1920.
 Felton, Mrs. C. N., 216 Pine St., San Fran-
 cisco. 1916.
 *Ferguson, Mrs. Aurelia B., 999 Gramercy
 Drive, Los Angeles. 1922.
 Ferguson, Mrs. Mary Van E., 5 Panoramic
 Way, Berkeley. 1915.
 Field, Clyde, 1859 Julian Ave., San Diego.
 1919.
 Field, Geo. R., Requa, Del Norte Co. 1921.
 Finley, Wm. L., Jennings Lodge, Ore. 1900.
 Fish, Mrs. Frances Webster, 6215 Chabot
 Road, Oakland. 1917.
 Fisher, Dr. A. K., Biol. Survey, Washington,
 D. C. 1904.
 Fisher, Miss Elizabeth W., 2222 Spruce St.,
 Philadelphia, Pa. 1910.
 Fisher, Prof. Walter K., Stanford Marine
 Laboratory, Pacific Grove. 1900.
 Fitzpatrick, T. J., Bethany, Neb. 1913.
 Fleming, J. H., 267 Rusholme Road, Toron-
 to, Ont., Canada. 1910.
 Fletcher, Lyle R., 353 N. Archer St., Norton,
 Kas. 1920.
 Flinn, Catherine Mills, 1799 University Ave.,
 Berkeley. 1920.
 Flynn, Helen, 1546 Shattuck Ave., Berke-
 ley. 1920.
 Forbush, E. H., State House, Boston, Mass.
 1916.
 Forrest, Earle R., 205 N. Main St., Wash-
 ington, Pa. 1910.
 Fortiner, John C., Box 496, Brawley. 1910.
 Fowler, Frederick H., 221 Kingsley Ave.,
 Palo Alto. 1901.
 Frank, Arthur, W. Wash. Exp. Sta., Puyal-
 up, Wash. 1920.
 Frazer, J. Thomas, Jr., 432 W. Hawthorne
 St., Eureka. 1920.
 Frederick, Mrs. Adeline, 1636 Woolsey
 Ave., Berkeley. 1922.
 Freeman, John G., Box 1238, Brawley. 1922.
 French, Mrs. A. J., Carlton, Ore. 1921.
 French, James G., The Menagerie, 3628
 Saanich Road, Victoria, B. C., Canada.
 1918.
 Frye, Prof. T. C., Univ. Wash., Seattle,
 Wash. 1919.
 Fuertes, Louis A., 201 Wyckoff Ave., Ithaca,
 N. Y. 1904.
 Gabrielson, Ira N., 515 P. O. Bldg., Port-
 land, Ore. 1919.
 Gallup, Frederick Norman, Escondido. 1921.
 Gamble, Hamilton, 476 8th Ave., San Fran-
 cisco. 1922.
 Ganier, Albert F., 2507 Ashwood Ave., Nash-
 ville, Tenn. 1921.
 Gantrell, Geo. N., Summerland, B. C., Can-
 ada. 1917.
 Gault, Benj. T., 564 N. Main St., Glen Ellyn,
 DuPage Co., Ill. 1905.
 Gay, Harold S., 200 S. Wilson Ave., Alham-
 bra. 1901.
 Geiselhart, Miss Josephine, Concord. 1920.
 Germain, Miss Claire, Balboa. 1915.
 Giannini, Chas. A., Poland, N. Y. 1919.
 Gifford, Dr. Harold, 420 S. 36th St., Omaha,
 Neb. 1916.
 Gignoux, Claude, 73 Tunnel Road, Berke-
 ley. 1919.
 Gilchrist, Francis G., 240 Webster St., San
 Francisco. 1920.
 Giles, Roscoe I., 82 Newton St., Marlbor-
 ough, Mass. 1917.
 Gilman, M. French, Banning. 1901.
 Girvin, F. H., Brawley Hardware Co., Braw-
 ley. 1919.
 Goelitz, Herman, 944 Alameda Drive, Port-
 land, Ore. 1920.
 *Goelitz, Walter A., 170 Nunda Blvd., Roch-
 ester, N. Y. 1915 (1920).
 Goethe, C. M., Capital Natl. Bank Bldg., Sac-
 ramento. 1915.
 Goldman, E. A., Biol. Survey, Washington,
 D. C. 1901.
 Goldman, Luther J., Biol. Survey, Boise, Ida-
 ho. 1902.
 Goodcell, Mrs. Marion L., 864 D St., San
 Bernardino. 1914.
 Gormley, A. L., Box 80, Arnprior, Ont., Can-
 ada. 1918.
 Grant, U. S., 4th, 749 S. Gramercy Pl., Los
 Angeles. 1909.
 Green, Thos. L., 7076 Franklin Ave., Holly-
 wood. 1921.
 Grey, Henry, R.D. 2, Box 154A, San Diego.
 1901.
 Griffee, Bill, R.D. 3, Box 68, Corvallis, Ore.
 1919.
 Grinnell, Geo. Bird, 238 E. 15th St., New
 York, N. Y. 1914.
 *Grinnell, Hilda Wood (Mrs. Joseph), 2811
 College Ave., Berkeley. 1912 (1921).
 *Grinnell, Dr. Joseph, Museum Vert. Zool.,
 Berkeley. 1894 (1919).
 Grinnell, Willard Fordyce, 2811 College
 Ave., Berkeley. 1921.
 Guion, Geo. Seth, Napoleonville, La. 1911.

- Gunn, Miss Amy E., 1342 Filbert St., San Francisco. 1914.
- Gunthorp, Horace, Univ. Wash., Seattle, Wash. 1920.
- Guthrie, Miss Esther, 2201 H St., Sacramento. 1918.
- Hadeler, E. W., Painesville, Ohio. 1918.
- Hall, Mrs. Carlotta C., 1615 La Loma Ave., Berkeley. 1915.
- Hall, Mrs. C. H., 512 W. 30th St., Los Angeles. 1921.
- Halladay, Daniel S., R.D. 3, Box 201, Anaheim. 1910.
- Hallinen, J. E., Cooperton, Kiowa Co., Okla. 1921.
- Hanaford, A. W., R.D. 9, Box 1210, Los Angeles. 1917.
- Hands, Frank H., Dos Cabezos, Ariz. 1920.
- Hanford, Forrest, 3825 Division St., Oakland. 1912.
- Hann, H. H., Parkdale, Ore. 1909.
- Hanna, Dr. G. Dallas, Cal. Acad. Sciences, San Francisco. 1921.
- *Hanna, W. C., 1000 Pennsylvania Ave., Colton. 1902 (1921).
- Harlow, Richard C., 369 Foster Ave., State College, Penn. 1919.
- Harmon, Mrs. Frances M., 2115 Estrella Ave., Los Angeles. 1912.
- Harper, Francis, Cornell Univ., Ithaca, N. Y. 1920.
- *Harris, Harry, 18 W. 52d St., Kansas City, Mo. 1914 (1919).
- Harrison, H. M., 319 Penn St., Camden, N. J. 1920.
- Hart, Cecil, R.D. 6, Box 432, Los Angeles. 1920.
- Hartman, Paul J., 1118½ Maple Ave., Los Angeles. 1917.
- Hathaway, H. S., Box 1466, Providence, R. I. 1912.
- Havemeyer, Henry O., 129 Front St., New York, N. Y. 1917.
- Hayes, Mrs. F. M., Box 591, Davis. 1919.
- Haynes, Mrs. A. H., 1734 University Ave., St. Paul, Minn. 1921.
- Head, Miss Anna, 2809 Forest Ave., Berkeley. 1912.
- Heath, Prof. Harold, 1147 Ramona St., Palo Alto. 1919.
- Hedges, Chas. F., Box 24, Miles City, Mont. 1919.
- Hegner, Carl D., 810 Avoca St., Los Angeles. 1914.
- Heineman, Oluf J., 1664 Grove St., San Francisco. 1908.
- Heller, Edmund, Field Museum Nat. Hist., Chicago, Ill. 1894.
- Helme, Arthur H., Miller Place, Suffolk Co., N. Y. 1911.
- Henderson, Dr. H. C., Casitas Road, Carpinteria. 1919.
- Henderson, Junius, 627 Pine St., Boulder, Colo. 1909.
- Henderson, Walter C., Biol. Survey, Washington, D. C. 1918.
- Hendren, Miss Elizabeth, Occidental. 1920.
- Henshaw, Judge F. W., 762 Mills Bldg., San Francisco. 1915.
- *Hersey, F. Seymour, 6 Maple Ave., Taunton, Mass. 1915 (1920).
- Hersey, L. J., Wray, Colo. 1909.
- Hill, James H., Box 485, New London, Conn. 1919.
- Hill, Willard, Star Route, Wasco, Kern Co. 1918.
- Hilton, Dr. W. A., Claremont. 1921.
- Hoffman, Louis E., Box Cor. Benner and Shults St., Los Angeles. 1920.
- Hoffmann, Ralph, Carpinteria. 1920.
- Hohfeld, Mrs. Edward, 754 3d Ave., San Francisco. 1920.
- *Holland, Harold M., Box 515, Galesburg, Ill. 1901 (1920).
- Holleman, Ridley, 205 Duffield St., San Antonio, Texas. 1917.
- Hollister, N., Nat. Zool. Park, Washington, D. C. 1920.
- Holman, F. C., 866 Post St., San Francisco. 1914.
- *Hoover, Theodore J., 450 Melville Ave., Palo Alto. 1898 (1916).
- Hornung, Dr. John, 5219 Wilton Place, Los Angeles. 1920.
- Horsfall, R. Bruce, 324½ S. Broadway, Portland, Ore. 1914.
- Horsfall, Mrs. R. Bruce, Reed College Library, Portland, Ore. 1916.
- Houghton, John D., care Dr. J. W. Flinn, Prescott, Ariz. 1922.
- Howard, O. W., Box 484, Los Angeles. 1895.
- *§Howell, A. B., 770 S. Pasadena Ave., Pasadena. 1908 (1915).
- Howell, Arthur H., 2919 S. Dakota Ave., Washington, D. C. 1916.
- Howell, B. F., Jr., 52 Patton Ave., Princeton, N. J. 1909.
- Howes, Paul G., 46 Auldwood Road, Stamford, Conn. 1910.
- Huber, Wharton, 225 St. Marks Square, Philadelphia, Pa. 1915.
- Huddleston, Mrs. Alice M., R.D. 1, Box 539, San Gabriel. 1921.
- Hudson, L. W. 2524 Belmont Ave., Fresno. 1917.
- *Huey, Laurence, 2875 Clay Ave., San Diego. 1909 (1921).
- Hunt, C. J., 5847 W. Superior St., Chicago, Ill. 1919.

- Hunt, Richard, Museum Vert. Zool., Berkeley. 1918.
- Hunter, J. S., Box 482, San Mateo. 1903.
- Hurley, John B., 225 East E St., Yakima, Wash. 1921.
- Husher, Mrs. Gertrude H., 821 S. Hope St., Los Angeles. 1913.
- Hyde, Mrs. Chas. Gilman, 2579 Buena Vista Way, Berkeley. 1921.
- Hyde, Mrs. Silkman E., Regena, Idaho. 1922.
- Illingsworth, J. F., Univ. Hawaii, Honolulu, T. H. 1896.
- Illo, Howard C., 11th and Main Sts., Los Angeles. 1920.
- Ingersoll, Albert M., 908 F St., San Diego. 1895.
- Jackson, Hartley H. T., Biol. Survey, Washington, D. C. 1921.
- Jackson, Ralph W., R.D. 1, Cambridge, Md. 1917.
- Jacobs, J. Warren, 404 S. Washington St., Waynesburg, Pa. 1909.
- Jacobsen, W. C., 2319 M St., Sacramento. 1916.
- Jay, Antonin, 1622 Pennsylvania Ave., Los Angeles. 1901.
- Jenkins, Ida G., 30 Dearborn St., Roxbury, Mass. 1914.
- Jenney, Chas. F., 100 Gordon Ave., Hyde Park, Mass. 1917.
- Jesurun, Dr. Mortimer, 802 American Ave., Long Beach. 1916.
- Jewett, Stanley G., 582 Bidwell Ave., Portland, Ore. 1909.
- Job, Herbert K., 601 Washington Ave., West Haven, Conn. 1915.
- Johnson, A. C., Whittier Nat. Bank, Whittier. 1919.
- Johnson, Miss Clare E., Room 151, City Hall, San Francisco. 1921.
- Johnson, Frank Edgar, 16 Amackassin Terrace, Yonkers, N. Y. 1911.
- Johnson, H. H., Pittsfield, Me. 1920.
- Johnson, Dr. Myrtle E., National City. 1908.
- Johnston, Ivan Murray, W. 8th St., Upland. 1920.
- Johnstone, W. B., Edgewood, B. C., Canada. 1918.
- Jonas, Coloman, 1023 Broadway, Denver, Colo. 1910.
- Jonas, John, 215 W. Park St., Livingston, Mont. 1921.
- Jones, Dr. Lombard Carter, Falmouth, Mass. 1918.
- Jones, Dr. Lynds, Museum Oberlin Coll., Oberlin, Ohio. 1911.
- Jordan, A. H. B., Everett, Wash. 1911.
- Jordan, Dr. David Starr, Stanford University. 1902.
- Joy, Emmet, San Andreas. 1920.
- Judson, W. B., 826 Washington Bldg., Los Angeles. 1901.
- Kaeding, Geo. L., 104 N. Columbus Ave., Glendale. 1903.
- Kell, Delacourt, Claremont. 1921.
- Keeler, Leonarde, 155 El Camino Real, Berkeley. 1922.
- Kelley, Mrs. Harriet P., 2505 Logan St., Selma. 1917.
- Kellogg, Miss Louise, Box 248, Suisun. 1911.
- Kellogg, Miss Mildred, 2232 Piedmont Ave., Berkeley. 1921.
- Kellogg, Ralph T., Silver City, N. M. 1916.
- Kellogg, Prof. Vernon L., Stanford University. 1901.
- Kelly, Junea W. (Mrs. G. E.), 1311 Grand St., Alameda. 1918.
- *Kennard, Frederick H., Dudley Road, Newton Centre, Mass. 1911 (1916).
- Kennedy, Clarence H., Zool. Dept., Ohio State Univ., Columbus, Ohio. 1912.
- Kennedy, Miss Eveline, 5330 Pasadena Ave., Los Angeles. 1921.
- Keyes, Prof. Chas. R., Mt. Vernon, Iowa. 1900.
- Kibbe, A. S., 1534 Grove St., Berkeley. 1917.
- Kibbe, Bessie W. (Mrs. A. S.), 1534 Grove St., Berkeley. 1917.
- Kimball, H. H., Seal Beach. 1909.
- King, Albert H., 3612 N. Griffin Ave., Los Angeles. 1920.
- King, Benjamin H., 1215 Lakeshore Drive, Coeur d'Alene, Idaho. 1921.
- Kirn, Albert J., R.D. 4, Solomon, Kas. 1918.
- Kitchin, E. A., 4014 N. 35th St., Tacoma, Wash. 1917.
- Kitt, W. Stanley, 129 S. 5th Ave., Tucson, Ariz. 1921.
- Kittredge, Joseph, Jr., U. S. Forest Service, Washington, D. C. 1915.
- Kloss, Philip, 24 Greenbank Ave., Piedmont. 1922.
- Cluegel, Mrs. Edward A., Carmel. 1916.
- Knickerbocker, Chas. K., 445 N. Sacramento Ave., Carpenter Sta., Chicago, Ill. 1905.
- Knowlton, Dr. F. H., U. S. Nat. Museum, Washington, D. C. 1910.
- Kofoid, Prof. C. A., Zool. Dept., Univ. Calif., Berkeley. 1909.
- Kohler, Louis S., R.D. 2, Paterson, N. J. 1909.
- Krehbiel, Leonard, Box 743, Upland. 1919.
- Kretzman, Prof. P. E., 3705 Texas Ave., St. Louis, Mo. 1914.
- Kuser, John Dryden, Bernardsville, N. J. 1912.
- Kuykendall, W. A., Eugene, Ore. 1916.

- Labarthe, Jules, 2727 Russell St., Berkeley. 1914.
- La Jeunesse, H. V., 2517 Webb St., Alameda. 1916.
- Laloge, Emily Dolores, 2253 Encinal Ave., Alameda. 1922.
- Lamb, Chester C., 549 W. 43d Place, Los Angeles. 1899.
- Lancashire, Sarah H. (Mrs. J. Henry), Graftonwood, Manchester, Mass. 1911.
- Lander, Bessie M., R.D. 1, Box 106, Strathmore. 1920.
- Lane, Geo. W., Morgan Hill. 1914.
- Langevin, Elmer, 325 S. Broadway, Crookston, Minn. 1922.
- Lano, Albert, 220 E. Lafayette Ave., Fayetteville, Ark. 1920.
- Lastreto, C. B., 260 California St., San Francisco. 1913.
- Laubenfels, Max Walker de, 620 19th St., Huntington Beach. 1921.
- *§Law, J. Eugene, Altadena. 1900 (1915).
- *§Law, Laura Beatty (Mrs. J. E.), Altadena. 1915 (1919).
- Lawrence, Mabel M., 1750½ W. 24th St., Los Angeles. 1921.
- Layne, J. Gregg, 737 S. Spring St., Los Angeles. 1912.
- Leach, Frank A., 217 Hillside Ave., Piedmont. 1917.
- Lee, Mrs. Melicent H., El Cajon. 1920.
- Lee, Ren M., 231 N. C St., Tulare. 1922.
- Leggett, Dr. R. M., 2140 9th Ave., San Francisco. 1918.
- Lelande, H. J., 337 Copp Bldg., Los Angeles. 1897.
- Leopold, Aldo, 135 S. 14th St., Albuquerque, N. M. 1916.
- Leopold, Nathan F., Jr., 4754 Greenwood Ave., Chicago, Ill. 1920.
- Libby, Miss Gretchen L., 310 2d Ave., Santa Barbara. 1911.
- Lien, Carl, Clallam Bay, Wash. 1917.
- Ligon, J. Stokley, Box 131, Albuquerque, N. M. 1914.
- Lillencrantz, H. T., Rancho Las Cimas, Hollister. 1916.
- Limbirt, R. W., Box 1284, Boise, Idaho. 1921.
- Lindemann, Miss W. C., 1435 8th St., Alameda. 1922.
- Lindsay, Dr. D. Moore, 808 Boston Bldg., Salt Lake City, Utah. 1915.
- §Little, Luther, 1403 Garfield Ave., S. Pasadena. 1914.
- Littlejohn, Chase, 1226 Warren St., Redwood City. 1901.
- Livesey, Alice Rose, 373 W. California St., Glendale. 1921.
- Lofffield, Gorm, Carnegie Institution, Tucson, Ariz. 1918.
- Lombardi, Mrs. M. E., 2249 Piedmont Ave., Berkeley. 1916.
- Loring, J. Alden, Owego, Tioga Co., N. Y. 1914.
- §Love, Guy, R.D. 1, El Cajon. 1913.
- Lunt, James C., 109 Liberty St., San Francisco. 1922.
- Lusk, Richard D., Winkleman, Ariz. 1915.
- Luther, Clarence H., 8 McIlroy Bldg., Fayetteville, Ark. 1909.
- Lyon, Ray B., Box 186, Paso Robles. 1920.
- MacKaye, David L., Tulare. 1922.
- McAtee, W. L., Biol. Survey, Washington, D. C. 1907.
- McDuff, Esther, 555 Union Ave., San Bernardino. 1919.
- McGettigan, Carroll, 2644 Filbert St., San Francisco. 1921.
- *McGregor, R. C., Bureau of Science, Manila, P. I. 1893 (1916).
- McGrew, Albert D., 5611 Stanton Ave., Pittsburgh, Pa. 1920.
- McKeough, Dr. Geo. T., Erie Manor, R.D. 1, Blenkerin, Ontario, Canada. 1922.
- McKibben, J. W., 2522 Piedmont Ave., Berkeley. 1921.
- McKinnon, Ross, Blue Rapids, Kas. 1921.
- McLain, R. B., Box 132, Hollywood. 1897.
- McLean, Donald D., 2826 Derby St., Berkeley. 1916.
- McLean, Robert R., 2904 Granada St., San Diego. 1922.
- McLellan, Antonio, 309 San Francisco St., El Paso, Tex. 1920.
- McLellan, Miss Mary E., 2935 Pine St., Berkeley. 1919.
- McMullen, Turner E., 551 Bailey St., Camden, N. J. 1920.
- Magee, William A., Jr., R.D. Fruitvale, Box 433, Oakland. 1912.
- Mailliard, Ernest C., Federal Reserve Bank, San Francisco. 1909.
- Mailliard, John W., 230 California St., San Francisco. 1894.
- *Mailliard, Joseph, 1815 Vallejo St., San Francisco. 1895 (1920).
- Marshall, Dr. Benj. M., 2036 D St., Eureka. 1913.
- Marshall, Perry R. F., 7213 Sunset Blvd., Los Angeles. 1920.
- Martin, Mrs. Bertha Davis, 1644 Maltman Ave., Los Angeles. 1920.
- Martin, De Loach, 1223 S. Washington Ave., Marshall, Texas. 1916.
- Massey, Herbert, Ivy Lea, Burnage, Didsbury, Manchester, England. 1909.
- Maxson, Asa C., Longmont, Colo. 1920.
- Mead, Mrs. Edwin B., 2618 Etna St., Berkeley. 1920.

- Meade, Mrs. Calvert, Box 161, Carmel. 1916.
 Meadows, Donald C., 231 N. Grand St., Orange. 1919.
 Meeker, Jesse C. A., Box 161, Danbury, Conn. 1907.
 Meister, H. D., Wauseon, Ohio. 1909.
 *§Mershon, W. B., Saginaw, Mich. 1911 (1919).
 Meyers, Harold E., Medina, N. Y. 1920.
 Michael, Chas. W., Yosemite. 1916.
 Middleton, R. J., Jeffersonville, Pa. 1918.
 Millard, F. C., 1424 W. Pine St., Alhambra. 1922.
 Miller, Mrs. Delphia S., 1523 Tonawanda Ave., Los Angeles. 1921.
 Miller, Frederic W., 935 S. Gaylord St., Denver, Colo. 1922.
 Miller, Dr. Loye Holmes, S. Branch, Univ. Calif., Los Angeles. 1905.
 Miller, Mary Mann, 5928 Hayes Ave., Los Angeles. 1920.
 Miller, R. C., 2406 Fulton St., Berkeley. 1921.
 Miller, W. De Witt, Amer. Museum Nat. Hist., New York, N. Y. 1909.
 §Mills, Enos A., Longs Peak, Estes Park, Colo. 1914.
 Miner, Dr. H. N., Penryn. 1903.
 §Mitchell, H. H., Prov. Museum, Normal School, Regina, Sask., Canada. 1915.
 Mitchell, Dr. Walton I., Paonia, Delta Co., Colo. 1909.
 Mix, Mrs. Arthur J., 1915 W. 8th St., Los Angeles. 1922.
 Moffitt, James, 1818 Broadway, San Francisco. 1917.
 Moore, Miss Nellie, 122 Falcon Ave., Long Beach. 1915.
 Moore, Raymond W., 755 Emory St., San Jose. 1919.
 Moore, Robert T., 46 Mansion Ave., Haddonfield, N. J. 1911.
 Moore, Wm. Warren, 1431 9th St., Eureka. 1921.
 Moran, R. B., 1318 S. Gramercy Place, Los Angeles. 1897.
 *§Morcom, G. Frean, 243 N. Coronado St., Los Angeles. 1904 (1915).
 More, R. L., Vernon, Texas. 1911.
 Morley, S. Griswold, 2535 Etna St., Berkeley. 1916.
 Mullen, James L., 1264 Logan Ave., Salt Lake City, Utah. 1915.
 Munro, J. A., Okanagan Landing, B. C., Canada. 1914.
 Murie, Olaus J., 219 7th Ave. S., Moorehead, Minn. 1913.
 Musgrave, Ethel Weatherford (Mrs. M. F.), Box 765, Phoenix, Ariz. 1921.
 Myers, Mrs. H. W., 311 N. Ave. 66, Los Angeles. 1912.
 *Nace, C. A., 171 W. Santa Clara St., San Jose. 1920 (1920).
 Nash, Herman W., Box 264, Pueblo, Colo. 1922.
 Neff, Johnson A., Marionville, Mo. 1920.
 Nellson, Mrs. Katherine, 1419 Versailles St., Alameda. 1920.
 Newhall, Mrs. Chas. S., 2629 Piedmont Ave., Berkeley. 1916.
 Nice, Mrs. Margaret Morse, Norman, Okla. 1921.
 Nichols, J. T., Amer. Museum Nat. Hist., New York, N. Y. 1909.
 Nicholson, Donald J., Orlando, Fla. 1911.
 Nicholson, Gordon, W. 7th St., Ontario. 1919.
 Nicholson, Helen S., 1420 Grant St., Berkeley. 1921.
 Niedrach, Robert J., 30 Pennsylvania St., Denver, Colo. 1922.
 Nienburg, Miss Matilda V., 2031 Alameda Ave., Alameda. 1922.
 Noack, H. R., 309 Perry St., Oakland. 1901.
 Nokes, Dr. I. D., 1120 Marsh-Strong Bldg., Los Angeles. 1914.
 Norris, Joseph Parker, Jr., 2122 Pine St., Philadelphia, Pa. 1911.
 Norris, Roy, 725 N. 10th St., Richmond, Ind. 1911.
 Norton, Arthur H., 22 Elm St., Portland, Me. 1918.
 Oberholser, Dr. Harry C., 2805 18th St., N. W., Washington, D. C. 1904.
 O'Farrell, Mrs. Mabel E., 2403 F St., San Diego. 1917.
 Ohl, H. C., McKittrick. 1913.
 Ohlendorf, W. C., 320 E. Stewart Ave., Park Ridge, Ill. 1910.
 Osgood, Dr. Wilfred H., Field Museum Nat. Hist., Chicago, Ill. 1893.
 Osincup, Clayton A., 30 W. Montana St., Pasadena. 1922.
 Osterhout, Geo. E., Windsor, Colo. 1915.
 Overholtzer, John E., 6 W. Main St., Morristown, Pa. 1920.
 Overington, R. Bruce, 220 Golden Gate, San Francisco. 1920.
 Owen, Virgil W., 832 Beacon St., Los Angeles. 1896.
 Palmer, Miss Elizabeth Day, 1741 Harvard Blvd., Los Angeles. 1909.
 Palmer, R. H., Instituto Geologico, Mexico City, Mex. 1915.
 *Palmer, Dr. T. S., 1939 Biltmore St., N. W., Washington, D. C. 1903 (1920).
 Pangburn, Clifford H., 299 Madison Ave., New York City, N. Y. 1920.
 Parcell, Miss Zulema L., 1500 W. 9th St., Los Angeles. 1919.

- Parker, Herbert, South Lancaster, Mass. 1911.
- Parmenter, Henry E., 526 E. Valerio St., Santa Barbara. 1916.
- Paroni, Clelia A., 2430 Bancroft Way, Berkeley. 1920.
- Patterson, J. E., Box 478, Ashland, Ore. 1922.
- Paul, J. H., 1320 E. 2d St. S., Salt Lake City, Utah. 1915.
- Paul, Lucius H., 436 Carter St., Rochester, N. Y. 1911.
- Paulson, Martin C., R.D. 5, Nevada, Ia. 1922.
- Peabody, Rev. P. B., Blue Rapids, Kan. 1904.
- Pearson, T. Gilbert, 1974 Broadway, New York, N. Y. 1910.
- Peck, Morton E., 244 N. 12th St., Salem, Ore. 1909.
- Pemberton, J. R., Box 1112, Tulsa, Okla. 1900.
- Pennock, Chas. J., Kennett Square, Philadelphia, Pa. 1909.
- Peyton, Lawrence, R.D. 2, Fillmore. 1909.
- Peyton, Sidney B., Sespe. 1913.
- Phelps, Frank M., 212 E. 4th St., Elyria, Ohio. 1912.
- *§Phillipp, Philip Bernard, 220 Broadway, New York, N. Y. 1911 (1920).
- Phillips, C. L., 5 W. Weir St., Taunton, Mass. 1915.
- §Phillips, John C., Knobfields, Wenham, Mass. 1911.
- *Pierce, Wright M., Box 116, Claremont. 1902 (1919).
- Pierpont, Philip, Nordhoff. 1913.
- Pilsbury, Frank O., 1088 Main St., Walpole, Mass. 1911.
- Pitcher, Mrs. E. C., R.D. I, Box 273, Hayward. 1920.
- Pope, E. F., Box 113, El Reno, Okla. 1913.
- Potter, Miss Carolyn B., 1314 Alice St., Oakland. 1920.
- Potter, Miss Jessica A., 1118 Santee St., Los Angeles. 1922.
- Powell, Miss Helen, 2703 Dwight Way, Berkeley. 1914.
- Pratt, Helen S., 245 W. Ridgway, Eagle Rock. 1920.
- Price, A. E., Grant Park, Ill. 1905.
- Prill, Dr. A. G., Scio, Ore. 1921.
- *Pringle, Miss Cornelia Covington, 1705 Gough St., San Francisco. 1915.
- Procter, James Norris, Box 188, Santa Paula. 1922.
- Purdy, William B., Milford, Mich. 1921.
- Quillin, Roy W., 1025 Summit Ave., San Antonio, Texas. 1921.
- Racey, Kenneth, 3262 1st Ave. W., Vancouver, B. C. 1921.
- Raker, Mary E., 1484 E. Sherman St., Portland, Ore. 1919.
- Rand, F. L., 1108 Arcade Bldg., St. Louis, Mo. 1921.
- Randolph, Miss Flora A., 2962 Derby St., Berkeley. 1907.
- Rankin, Edward P., 2410B Bancroft Way, Berkeley. 1913.
- Ransom, Webster H., 708 W. 20th Ave., Spokane, Wash. 1921.
- Rathbun, S. F., 217 14th Ave. N., Seattle, Wash. 1904.
- Rawson, Charles I., Oxford, Mass. 1918.
- Ray, Milton S., 29 Spear St., San Francisco. 1899.
- Raymond, Mrs. C. E., 21 3d St., Hinsdale, Ill. 1921.
- Reichenberger, Mrs. E. M. B., Amer. Museum Nat Hist., New York City, N. Y. 1922.
- Reid, Russell, 208 3d St., Bismark, N. Dak. 1921.
- Reis, C. O., 116 Diamond St., Redondo Beach. 1917.
- Rett, Egmont J., 3060 Larimer St., Denver, Colo. 1922.
- Reygadas, Ynez Mexia de, 401 Medical Bldg., San Francisco. 1921.
- Reynolds, L. R., 124 Park St., Brockton, Mass. 1913.
- Rich, Dr. Guy C., 1820 El Cerrito Place, Hollywood. 1911.
- Rich, Selwyn, Box 55, Claremont. 1919.
- Rich, Waldo L., Saratoga Springs, N. Y. 1919.
- Richards, E. B., 128 Chester St., Grass Valley. 1909.
- Richards, Dr. T. W., Naval Hospital, Annapolis, Md. 1908.
- Richards, W. W., 1512 Broadway, Oakland. 1915.
- Richardson, W. D., 4215 Prairie Ave., Chicago, Ill. 1918.
- Richey, J. Howard, 261 W. Dakota St., Pasadena. 1914.
- Richmond, Dr. Chas. W., U. S. Nat. Museum, Washington, D. C. 1904.
- Richmond, Frank, care Richmond Bros., El Centro. 1920.
- Rigdon, Dr. R. L., 1617 Broderick St., San Francisco. 1921.
- Riley, J. H., U. S. Nat. Museum, Washington, D. C. 1909.
- Rittenhouse, Prof. Samuel, Univ. S. Cal., Los Angeles. 1916.
- Ritter, Prof. W. E., LaJolla. 1901.
- Robbins, Reginald C., North-east Harbor, Maine. 1921.
- Roberts, Dr. T. S., Zoological Museum, Univ. Minn., Minneapolis, Minn. 1909.

- Robertson, Howard, 157 Wilton Drive, Los Angeles. 1896.
- §Robertson, John McB., R.D. 1, Box 13, Buena Park, Orange Co. 1913.
- Robertson, Mrs. John McB., Buena Park. 1920.
- Roe, Mrs. E. D., 225 Cumberland St., San Francisco. 1919.
- Ross, Ronald C., 388 Dearborn St., Pasadena. 1920.
- Rowan, Wm., Dept. Zool., Univ. Alberta, Edmonton, Alta., Canada. 1921.
- Rowley, J., 403 S. 1st St., Alhambra. 1909.
- Rush, Lora Gertrude, 1607 Walnut St., Berkeley. 1920.
- Rust, Henry J., Box 683, Coeur d'Alene, Idaho. 1911.
- Sage, Jno. H., Portland, Conn. 1910.
- Sampson, W. B., 1005 N. San Joaquin St., Stockton. 1894.
- Sanderson, Miss Dorothy, 1217 McCadden Pl., Los Angeles. 1922.
- Sanford, Dr. Leonard C., 347 Temple St., New Haven, Conn. 1915.
- Sanford, W. H., 919 W. Acacia St., Stockton. 1915.
- Sapp, Charles, 544 Markwell Bldg., Long Beach. 1922.
- Saunders, Aretas A., 48 Longview Ave., Fairfield, Conn. 1909.
- Saunders, Mrs. Kenneth, Creston Road, High Acres. 1920.
- Saunders, W. E., London, Ont., Canada. 1910.
- Saville, Miss Elsie M., 403 E. 8th St., Topeka, Kan. 1920.
- Schaefer, Oscar F., 669 Genesee St., Rochester, N. Y. 1917.
- Schleichert, Ernest K., Mathias Point, Va. 1919.
- Schlesinger, Mrs. Jane L., 1417 Filbert St., Oakland. 1915.
- Schneider, Fred A., care Warren Dried Fruit Co., San Jose. 1901.
- Schneider, Mrs. G. H., 4618 Kingswell Ave., Los Angeles. 1921.
- §Schneider, J. J., Box 363, Anaheim. 1899.
- Schussler, Geo. W., 1345 Oak St., San Francisco. 1911.
- Sclater, William Lutley, 10 Sloane Court, London, S. W., England. 1909.
- Scott, Carroll DeWilton, 1620 7th St., San Diego. 1915.
- Sharp, Clarence S., Escondido. 1902.
- Sharples, Robert P., West Chester, Pa. 1911.
- Shaw, Prof. W. T., 1000 Thatuna St., Pullman, Wash. 1911.
- Sheldon, Harry H., care Commercial Tr. & Svgs. Bank, Santa Barbara. 1922.
- Shelton, Alfred C., Johnston-Shelton Co., Dayton, Ohio. 1909.
- Shepard, John Alden, Route A, Morgan Hill. 1919.
- Shepherd, A. R., 457 W. Burchett St., Glendale. 1920.
- Shepherd, Hattie E., R.D. 1, Box 73, Redlands. 1920.
- *Sherman, Althea R., National, via McGregor, Iowa. 1911 (1916).
- Shinn, Mrs. Dora H., 433 Griffith Ave., San Mateo. 1921.
- Shiras, George, 3d, Stoneleigh Court, Washington, D. C. 1914.
- Shupee, George C., Box 964, San Antonio, Texas. 1920.
- Silliman, Edmund, Alisal and Ryker Sts., Salinas. 1918.
- Silliman, O. P., 220 Salinas St., Salinas. 1913.
- Simmons, George F., 701 Holman Ave., Houston, Texas. 1913.
- Simonds, Dr. Paul E., 304 Loring Bldg., Riverside. 1922.
- Sismey, E. D., Box 222, Penticton, B. C., Canada. 1919
- *Skinner, M. P., Yellowstone Park, Wyo. 1915 (1920).
- Sloanaker, Jos. L., 907 W. Mansfield Ave., Spokane, Wash. 1910.
- Smith, Allyn G., 1721 Madera St., Berkeley. 1909.
- Smith, Austin Paul, Apartado 412, San Jose, Costa Rica. 1907.
- Smith, A. Russell, Mt. Carmel Ave., North Glenside, Penn. 1919.
- Smith, C. R., 563 42d Ave., San Francisco. 1917.
- Smith, Prof. Frank, 1005 W. California Ave., Urbana, Ill. 1911.
- Smith, Franklin J., Box 98, Eureka. 1913.
- Smith, Horace G., 2918 Lafayette St., Denver, Colo. 1914.
- Smith, Napier, care Bank of Montreal, Magog, Quebec. 1919.
- Smyth, Mrs. W. H., Fernwald, head of Dwight Way, Berkeley. 1918.
- Snyder, Prof. J. O., Box 775, Stanford University. 1900.
- Spaulding, M. Herrick, Agr. Coll., Bozeman, Mont. 1918.
- Springer, Charles, Cimarron, N. Mex. 1920.
- Stacey, John William, 634 Powell St., San Francisco. 1920.
- Stafford, Walter A., 31 Park Way, Piedmont. 1917.
- Stanford, Miss Mabel A., Box 124, Claremont. 1921.
- Stellberg, Mrs. E. Van E., 1 Panoramic Way, Berkeley. 1918.

- Steinbeck, William, 1029 N. Hunter St., Stockton. 1897.
- Stephens, T. C., Morningside College, Sioux City, Iowa. 1914.
- Stephenson, Miss Omie, Monte Vista, Colo. 1922.
- Still, Donald, 63371 Tyndall Ave., Tucson, Ariz. 1918.
- Stivers, Dr. C. G., 406 Auditorium Bldg., Los Angeles. 1914.
- Stoddard, H. L., Public Museum, Milwaukee, Wis. 1914.
- Stone, D. D., R.D. 3, Oswego, N. Y. 1909.
- Stone, Geo. E., 1725 Le Roy Ave., Berkeley. 1912.
- Stoner, Emerson A., Box 444, Benicia. 1918.
- Storer, Miss Mary S., 467 San Pablo Ave., Fresno. 1914.
- Storer, Tracy I., Museum Vert. Zool., Berkeley. 1910.
- Stormont, W. P., 219 W. Ave. 51, Los Angeles. 1917.
- Stow, Harry P., 1617 Central Ave., Alameda. 1921.
- Strauss, Alex., Banning. 1922.
- Streator, Clark P., 16 Mason St., Santa Cruz. 1919.
- *§Strong, W. A., 41 Grand Ave., San Jose. 1912 (1920).
- Strong, Wm. Duncan, 2522 Ridge Road, Berkeley. 1921.
- Stuart, Geo. H., 3d, 923 Clinton St., Philadelphia, Pa. 1913.
- Sugden, J. W., 47 S. 8th W. St., Salt Lake City, Utah. 1915.
- Suits, Clarence L., 149 Fairmont Ave., Eagle Rock. 1920.
- Swales, B. H., U. S. Nat. Museum, Washington, D. C. 1906.
- Swarth, Harry S., Museum Vert. Zool., Berkeley. 1897.
- Sweeney, Joseph A., U. S. Forest Service, Nenzel, Neb. 1912.
- Swenk, Prof. Myron Harmon, 1410 N. 37th St., Lincoln, Neb. 1916.
- Swezy, Dr. Olive, Zool. Dept., Univ. Cal., Berkeley. 1914.
- Tanner, V. M., Dixie Normal Coll., St. George, Utah. 1919.
- Taverner, P. A., Zool. Div., Geol. Survey, Ottawa, Ont., Canada. 1909.
- Taylor, E. F., Grass Valley, Nevada Co. 1910.
- Taylor, Mrs. H. J., 1711 Douglas St., Sioux City, Iowa. 1920.
- Taylor, Jesse H., 210 Myrtle Ave., Eagle Rock. 1919.
- Taylor, L. E., R.D. 2, Reno, Nev. 1897.
- Taylor, Lionel V., Kelowna, B. C., Canada. 1921.
- Taylor, Dr. Walter P., Biol. Sta., La Jolla. 1905.
- Teachenor, Dix., 510 Rialto Bldg., Kansas City, Mo. 1922.
- Tenney, Vernon L., 2536 Etna St., Berkeley. 1922.
- Terrill, L. McL., 44 Stanley Ave., St. Lambert, Que., Canada. 1911.
- Terry, Mrs. Anne B., 1976 N. Berendo St., Hollywood. 1920.
- Test, Dr. Louis A., 222 North St., W. Lafayette, Ind. 1908.
- *§Thayer, John E., Box 98, Lancaster, Mass. 1906 (1914).
- Thomas, Geo. C. 3rd, 1014 Crescent Drive, Beverly Hills. 1922.
- Thompson, Mrs. H. F., 817 S. Spring St., Los Angeles. 1922.
- Thompson, J. Walcott, 527 E. 1st S. St., Salt Lake City, Utah. 1918.
- Thomson, Miss Isabel A., 5939 Shafter Ave., Oakland. 1918.
- Thowless, Herbert L., 255 Fourth St., Newark, N. J. 1919.
- Tindall, Charles W., 912 N. Noland St., Independence, Mo. 1920.
- Todd, W. E. Clyde, Carnegie Museum, Pittsburg, Pa. 1909.
- Tonkin, George, Biol. Survey, Baker, Ore 1920.
- Torrey, Frederic C., 1 Canyon Road, Berkeley. 1921.
- Treganza, A. O., 522 S. 13th St. E., Salt Lake City, Utah. 1907.
- Treganza, Mrs. A. O., 522 S. 13th St. E., Salt Lake City, Utah. 1915.
- Trenor, T., Box 2, Sta C., Los Angeles. 1913.
- Trescot, E. B., R.D. 4, Box 221, Petaluma. 1915.
- Trippe, Thomas M., Howardsville, Colo. 1911.
- Trumbull, J. H., 39 Farmington Ave., Plainville, Conn. 1911.
- *Tyler, John G., P. O. Box 173, Fresno. 1905 (1920).
- Tyler, Dr. Winsor M., 522 Massachusetts Ave., Lexington, Mass. 1914.
- Ufford E'mer. Box 92, Dresden, Kan. 1917.
- Unglish, W. E., Gilroy. 1910.
- Van Cleve, H. R., 539 Mer. Nat. Bank Bldg., Los Angeles. 1922.
- Van Denburgh, Dr. John, 240 Stockton St., San Francisco. 1916.
- Van Dyke, Mary Ames, 1545 Le Roy Ave., Berkeley. 1920.
- Van Fleet, Clark C., Box 468, Santa Rosa, 1906.
- Van Gaasbeek, Miss Florence M., 2523 Hille-gass Ave., Berkeley. 1921.

- §Van Rossem, Adriaan, 3459 S. Arlington St., Los Angeles. 1909.
- *Van Straaten, H., Het Veldhuis, 8 Dennerweg, Velp, Holland. 1918 (1919).
- Vorhies, Chas. T., Univ. Ariz., Tucson, Ariz. 1916.
- Wachtel, Elmer, Box 103A, 1155 Linda St., Pasadena. 1922.
- Wade, Otis H., 1353 Vine St., Hollywood. 1921.
- Wagner, Edward H., 527 San Joaquin St., Stockton. 1922.
- Walker, Alex., Blaine, Ore. 1911.
- Walker, Ernest P., Biol. Survey, Juneau, Alaska. 1910.
- Wanzer, James Olin, Cal. Highway Comm., Div. 3, Sacramento. 1921.
- Warburton, Stanton, Jr., 311 Fidelity Bldg., Tacoma, Wash. 1917.
- Ward, F. H., 18 Grove Place, Rochester, N. Y. 1915.
- Warmer, Charles A., 1310 Baker-Detwiler Bldg., Los Angeles. 1920.
- Warmer, Mrs. Edna R., 2549 Beechwood Drive, Los Angeles. 1921.
- Warren, E. R., 1511 Wood Ave., Colorado Springs, Colo. 1909.
- Waterhouse, John Thomas, care Alexander and Baldwin, Ltd., Honolulu, T. H. 1921.
- Wear, Miss Winifred N., 253 Coast Ave., Fresno. 1909.
- Weber, J. A., Moore and Grand Aves., Leona, N. J. 1915.
- Wegeforth, Dr. Harry M., 210 Maple St., San Diego. 1920.
- Weiser, Charles S., 105 W. Springettsbury Ave., York, Penn. 1920.
- Welch, L. W., 1845 Olive Ave., Long Beach. 1911.
- Welsh, Joseph, Pasadena Hdw. Co., Pasadena. 1917.
- Wetmore, Dr. Alexander, Biol. Survey, Washington, D. C. 1909.
- Whalen, Mrs. Etta L., Box 128, Williams, Minn. 1914.
- Wheeler, Mrs. J. W., 403 15th Ave. N., Seattle, Wash. 1912.
- Wheeler, Roswell S., 1221 Boston St., Alameda. 1894.
- White, Halsted G., 1437A Walnut St., Berkeley. 1914.
- Whitney, Miss Margaret W., 1563 N. Raymond Ave., Pasadena. 1919.
- Whittle, Charles L., 50 Congress St., Boston, Mass. 1922.
- Widmann, O., 5105 Enright Ave., St. Louis, Mo. 1904.
- Wilcox, Mrs. Lydia, 10 Latona St., San Francisco. 1921.
- Wilder, H. E., Carlotta, Humboldt Co. 1909.
- Willard, B. G., 51 Fresh Pond Parkway, Cambridge, Mass. 1910.
- Willard, F. C., Farmingdale, Long Island, N. Y. 1905.
- Willett, Geo., Craig, Alaska. 1905.
- Williams, John, R.D. 9, Iowa City, Iowa. 1918.
- Williams, R. F., 218 Inwood Ave., Upper Montclair, N. J. 1919.
- Williams, Ralph B., San Ysidro Ranch, Santa Barbara. 1922.
- Williams, Robert W., Tallahassee, Fla. 1914.
- Wilson, Rev. Francis M., Beaumont. 1921.
- Wilson, J. Frank, 512 E. Lemon St., Monrovia. 1915.
- Winson, J. W., Huntingdon, B. C., Canada. 1921.
- Wolfe, Lieut. L. R., 64th U. S. Inf., Plattsburg Barracks, N. Y. 1921.
- Wonser, Mrs. Katherine A., 4102 Brooklyn Ave., Seattle, Wash. 1920.
- Wood, Dr. Casey A., 7 West Madison St., Chicago, Ill. 1916.
- Wood, Dale T., 1470 E. Wilson Ave., Glendale. 1921.
- Wood, Jesse J., 330 W. Micheltoreno St., Santa Barbara. 1912.
- Wood, Mrs. Mildred Tiffany, Hopland. 1921.
- Wood, Norman A., Museum Zool., Ann Arbor, Mich. 1916.
- Woodruff, Frank M., Chicago Acad. Sciences, Chicago, Ill. 1906.
- Woodruff, Regina, Zool. Dept., Univ. Calif., Berkeley. 1920.
- Woods, Robert S., 919 S. Bonnie Brae, Los Angeles. 1920.
- Woodward, C. H., 4129 Ingalls St., San Diego. 1920.
- Wright, Curtis, 81 Hillcrest, Berkeley. 1916.
- §Wright, Frank S., 14 Cayuga St., Auburn, N. Y. 1910.
- Wright, Howard W., 830 N. Orange Grove Ave., Pasadena. 1921.
- Wueste, Rudolph, Lower Otay Dam, Bonita. 1901.
- *Wyman, L. E., Museum Hist., Sci., and Art, Los Angeles. 1908 (1920).
- Wythe, Margaret W., Museum Vert. Zool., Berkeley. 1912.
- Young, Pauline Rodgers, Canille, Santa Cruz Co., Ariz. 1918.
- Zahn, Otto J., 2115 Estrella Ave., Los Angeles. 1896.
- Zech, Miss Lillian, 335 W. Highland Ave., Redlands. 1916.
- Zerlang, John, Rolph, Humboldt Co. 1918.
- Zerlang, Lawrence, 524 W. Hawthorne St., Eureka. 1918.
- Zinn, Zola, 4002 39th St. S. W., Seattle, Wash. 1921.