

nell to Mr. Tracy mentioning the active interest that Col. Roosevelt took in ornithological matters during his recent visit to the U. C. Museum of Vertebrate Zoology; a communication from Mr. Henry Oldys, with circulars, in regard to his lectures; and a letter from Mr. F. S. Daggett in regard to the Chambliss collection.

President Morcom announced that the Misses Tarbell and Parker tendered, through him, to the members of the Cooper Club, an invitation to hold the spring outing meeting at their cabin in the Arroyo Seco Canyon. Mr. Lelande moved, and it was seconded by Mr. Willett, and duly carried, that the invitation be accepted, and the Secretary be instructed to send a letter of acceptance with thanks of the Club. Mr. Willett read portions of the data he has collected on the water birds of Santa Barbara, Ventura, Los Angeles, Orange and San Diego counties, which proved of much interest. Photographs taken by Prof. Loye Miller in the neighborhood of his residence were exhibited. Dr. Rich also exhibited a book of photographs which had been taken in the East and presented to him. Adjourned.—H. J. LELANDE, *Secretary, pro tem.*

MAY.—The Spring Outing Meeting of the Southern Division of the Cooper Club was held on Sunday afternoon, May 21, on the premises of the Misses Tarbell and Parker, Cabin 21, Arroyo Seco Canyon.

The meeting was called to order by President Morcom, with the following members present: Misses Tarbell and Palmer, Messrs. Clifton, Howell, Chambers, Miller, Judson, Alphonse Jay, Granville and Lelande. Miss Parker and Mr. Ralph Hord, and the mother, wife and children of W. B. Judson were present as visitors.

On motion by Mr. Miller, seconded by Mr. Judson, and duly carried, Mr. Lelande was appointed Secretary *pro tem.* The minutes of the April meeting of both Divisions were read and approved, and ordered filed. On motion by Mr. Judson, seconded by Mr. Miller and duly carried, the Secretary was instructed to cast the unanimous ballot of those present electing to active membership Messrs. Terrill, Brown, Helme, Case Sharples, Arnold and Tremper. The following applications for membership were presented: Proposed by A. B. Howell; Alex. Walker, Armour, South Dakota; Dr. B. A. Hamilton, Highland Park, Ill.; Mr. Frank Smith, Univ. of Illinois, Urbana, Ill.; Barton Warren Evermann, Bureau of Fisheries, Washington, D. C.; M. A. Carriker, Jr., Amer. Mus. Nat. Hist., New York City; W. T. Shaw, 600 Linden Ave., Pullman, Wash.; Henry J. Rust, Box 683, Coeur d'Alene, Idaho; J. F. Steveus, M. D., Box 546, Lincoln,

Nebraska; A. H. B. Jordan, Lowell, Wash.; Rev. Robt. Barbour, Y. M. C. A., Montclair, N. J.; H. Nehrling, Gotha, Orange Co., Florida; F. Kermode, Curator, Provincial Mus., Victoria, B. C.

Proposed by J. Grinnell, Louise Kellogg, 1253 Grove Street, Oakland, Calif. Proposed by W. L. Chambers: Gurnie Wells, Santa Rosa, Cal.; Carl Mueller, Marysville, Cal.; Owen Durfee, Box 125, Fall River, Mass.; Reginald C. Barker, Blackwater, Pinal Co., Arizona. Proposed by J. G. Tyler: Nita A. Blayne, 920 O St., Fresno, Cal.; F. M. Lane, 346 Blackstone Ave., Fresno, Cal. The resignation of Mr. G. C. Embody was read, and on motion by Mr. Clifton, seconded by Mr. Judson, and duly carried the said resignation was accepted with regret. On motion by Mr. Clifton, seconded by Mr. Miller, and duly carried, a rising vote of thanks was extended to the Misses Tarbell and Parker for their excellent luncheon and hospitality. Adjourned. H. J. LELANDE, *Secretary, pro tem.*

Directory of Members of the Cooper Ornithological Club

Revised to June 1, 1911

(Residence in California unless otherwise stated. Year following address indicates date of election)

HONORARY MEMBERS

- Allen, Dr. J. A., American Museum of Natural History, New York, N. Y. 1910.
 Beal, Prof. F. E. L., Dept. of Agriculture, Washington, D. C. 1910.
 Belding, Lyman, Stockton. 1896.
 Merriam, Dr. C. Hart, 1919 16th St., Washington, D. C. 1909.
 Ridgway, Robert, 3353 18th St., N. W., Washington, D. C. 1905.

ACTIVE MEMBERS

- Adams, Ernest, Box 21 Clipper Gap, Placer Co. 1896.
 Allen, Arthur A., 115 Stewart Ave., Ithaca, N. Y. 1911.
 Alexander, Miss Annie M., 1006 16th St., Oakland. 1908.
 Anderson, Malcolm P., Menlo Park, 1901.
 Appleton, J. S., Simi, Ventura Co. 1901.
 Arnold, B. W., 465 State St., Albany, N. Y. 1910.
 Arnold, E., Frt. Claim Agt., Grand Trunk Ry., Montreal, Quebec. 1910.
 Arnold, Dr. Ralph, 726 H. W. Hellman Bldg., Los Angeles. 1893.
 Arnold, Dr. W. W., 504 N. Nevada Ave., Colorado Springs, Colo. 1911.

- Atkinson, W. L., 28 E. Santa Clara St., San Jose. 1901.
- Bade, Wm. Frederic, 2616 College Ave., Berkeley. 1903.
- Bailey, Florence Merriam, 1834 Kalorama Rd., Washington, D. C. 1910.
- Bailey, H. H., Box 154, Newport News, Va. 1903.
- Bailey, Vernon, 1834 Kalorama Rd., Washington, D. C. 1904.
- Bales, Dr. B. R., 151 West Main St., Circleville, Ohio. 1906.
- Bangs, Outram, Mus. of Comparative Zoology, Cambridge, Mass. 1910.
- Barbour, Rev. Robt., Y. M. C. A., Montclair, N. J. 1911.
- Barker, Reginald C., Blackwater, Pinal Co., Ariz. 1911.
- Barnes, R. Magoon, Lacon, Ill. 1908.
- Barrows, Prof. Walter B., Box 183, East Lansing, Mich. 1909.
- Batchelder, Chas. F., 7 Kirkland St., Cambridge, Mass. 1910.
- Baynard, Oscar E., Gainesville, Fla. 1911.
- Beck, Rollo H., Berryessa. 1894.
- Beekman, Orland, Sespe. 1911.
- Beers, Henry W., 91 Denver Ave., Bridgeport, Conn. 1910.
- Bennett, R. H., Room 503, 149 California St., San Francisco. 1909.
- Bent, A. C., Taunton, Mass. 1909.
- Bigelow, Homer L., Old Orchard Road, Chestnut Hill, Mass. 1910.
- Birdseye, Clarence, Biol. Survey, Washington, D. C. 1909.
- Bishop, Dr. Louis B., 356 Orange St., New Haven, Conn. 1904.
- Blain, Merrill W., 1321 Glendale Ave., Tropic. 1909.
- Blake, Maurice C., Thatcher School, Nordhoff. 1911.
- Blayney, Nita A., 920 O St., Fresno. 1911.
- Bliss, J. G., 3281 Briggs Ave., Alameda. 1908.
- Bohlman, Herman T., 46 N. 9th St., Portland, Oregon. 1903.
- Bolander, L. P., Jr., 545 N. Sutter St., Stockton. 1907.
- Bowdish, B. S., Demarest, N. J. 1910.
- Bowles, Chas. W., Kerby, Oregon. 1903.
- Bowles, J. H., Gregson House, Santa Barbara. 1903.
- Boyce, John J., Box 142, Berkeley. 1910.
- Boyer, Edgar, Box 418, Sparks, Nevada. 1911.
- Braislin, Wm. C., M. D., 556 Washington Ave., Brooklyn, N. Y. 1910.
- Brandreth, Courtney, Ossining, N. Y. 1911.
- Brauer, W. G., 717½ W. Jefferson St., Los Angeles. 1911.
- Brewster, William, 145 Brattle St., Cambridge, Mass. 1904.
- Brooks, Allan, Okanogan Landing, B. C., Canada. 1906.
- Brown, C. Emerson, Boston Soc. of Nat. History, Boston, Mass. 1911.
- Brown, D. E., Room 11, Federal Bldg., Tacoma, Wash. 1909.
- Brown, Dudley H., 166 Parnassus Ave., San Francisco. 1911.
- Brown, Wm. J., 250 Oliver St., Westmont, Quebec, Canada. 1911.
- Brown, W. W., Jr., 1033 Key West St., Los Angeles. 1909.
- Bryant, Harold C., 2508 Haste St., Berkeley. 1910.
- Burnett, W. L., Box 691, Ft. Collins, Colorado. 1910.
- Burnham, Dr. Clark, Bushnell Place, Berkeley. 1907.
- Burnham, Mrs. Clark, Bushnell Place, Berkeley. 1907.
- Burns, Frank L., Berwyn, Pa. 1909.
- Burt, H. C., Santa Paula. 1910.
- Burtch, Verdi, Branchport, N. Y. 1910.
- Buturlin, Sergius A., Wesenbefg, Esthonia, Russia. 1909.
- Caduc, Eugene E., 14 Derne St., Boston, Mass. 1911.
- Camp, Chas., Sierra Madre. 1909.
- Carpenter, Nelson K., Box 127, Escondido. 1901.
- Carriger, Henry W., 69 A Walter St., San Francisco. 1895.
- Carriker, M. A., Jr., American Museum Natural History, New York City, N. Y. 1911.
- Case, C. M., 7 Holcomb St., Hartford, Conn. 1911.
- Chamberlin, Willard, Box 288, Williams, Ariz. 1906.
- Chambers, W. Lee, R. D. 1, Box 73 D, Los Angeles. 1897.
- Chapman, Frank M., Amer. Mus. Nat. Hist., Central Park, New York City, N. Y. 1903.
- Childs, John Lewis, Floral Park, N. Y. 1904.
- Clark, Josiah H., 238 Broadway, Paterson, N. J. 1910.
- Clarke, Rowena A., Kirkwood Branch, "Seven Gables", St. Louis, Mo. 1911.
- Clay, C. Irvin, Box 353, Eureka. 1910.
- Clifton, H. T., 871 N. Lake Ave., Pasadena. 1904.
- Coale, Henry K., Highland Park, Ill. 1907.
- Coggins, Herbert L., 776 Mission St., San Francisco. 1910.
- Cohen, Donald A., Alameda. 1894.
- Colburn, A. E., 744 So. Broadway, Los Angeles. 1905.
- Cooke, Wells W., Biol. Survey, Washington, D. C. 1911.
- Cooper, James S., 826 53rd St., Oakland. 1903.
- Craven, Jesse T., 811 Roosevelt Ave., Detroit, Mich. 1909.
- Crosby, Maunsell S., Grasmere Farms, Rhinebeck, N. Y. 1911.

- Currier, Ed. S., P. O. Drawer 21, St. Johns, Multnomah County, Oregon. 1904.
- Daggett, Frank S., 109 So. Elmwood Ave., Oak Park, Ill. 1895.
- Dalglish, John J., Brankston Grange, Alloa, Scotland. 1910.
- Davenport, Mrs. Elizabeth B., Lindenhurst, Brattleboro, Vt. 1911.
- Davis, Evan, Orange. 1894.
- Davis, J. M., 811 O St., Eureka. 1908.
- Dawson, W. Leon, R. D. 3, Box 83, Santa Barbara. 1906.
- Day, Chester S., 15 Chilton Road, West Roxbury, Mass. 1910.
- Dean, W. F., Three Rivers. 1901.
- Deane, Ruthven, 135 Adams St., Chicago, Ill. 1904.
- Deane, Walter, 29 Brewster St., Cambridge Mass. 1907.
- Dearborn, Ned, Linden, Md. 1909.
- Dewey, C. L., care of Auto. Fire Prot. Co., Whitestone, Long Island, N. Y. 1910.
- Dickey, Donald R., 407 Olcott Place, Pasadena. 1910.
- Dickey, Samuel S., 31 S. West St., Waynesburg, Pa. 1911.
- Dille, F. M., 325 16th St., Denver, Col. 1903.
- Dixon, Joseph, Escondido. 1904.
- Du Bois, Alexander Dawes, 401 S. Aurora St., Ithaca, N. Y. 1911.
- Duprey, H. F., Dixon. 1907.
- Durfee, Owen, Box 125, Fall River, Mass. 1911.
- Dutcher, Wm., 990 Central Ave., Plainfield, N. J. 1905.
- Dwight, Jonathan, Jr., M. D., 134 W. 71st St., New York, N. Y. 1904.
- Eastman, Lieut. F. B., 10th Inftry., Ft. Thomas, Kentucky. 1904.
- Edson, J. M., Marietta Road, Bellingham, Wash. 1911.
- Esterly, C. O., Occidental College, Los Angeles. 1908.
- Evermann, Barton Warren, Bureau of Fisheries, Washington, D. C. 1911.
- Ferris, H. H., Care of Y. M. C. A., Lake Geneva, Wisconsin. 1910.
- Finley, Wm. L., R. F. D. 1, Box 60 A, Milwaukee, Oregon. 1900.
- Fischer, E. J., 720 E. 10th St., Los Angeles. 1910.
- Fisher, Dr. A. K., Dept. Agri., Washington, D. C. 1904.
- Fisher, Miss Elizabeth W., 524 Walnut St., Philadelphia, Pa. 1910.
- Fisher, Prof. Walter K., Box 373, Palo Alto. 1900.
- Flanagan, John H., 392 Benefit St., Providence R. I. 1904.
- Fleming, J. H., 267 Rusholme Road, Toronto, Ontario, Canada. 1910.
- Follett, Richard E., 84 State St., Boston, Mass. 1909.
- Forrest, E. R., 357 N. Main St., Washington, Pa. 1910.
- Fortiner, J. C., Jr., Brawley. 1910.
- Fowler, Frederick H., Palo Alto. 1901.
- Frazier, J. F., Audubon, Iowa. 1911.
- Frost, A. H., 255 W. 74th St., New York City, N. Y. 1910.
- Fuertes, Louis A., Cornell Heights, Ithaca, N. Y. 1904.
- Gane, Henry Stewart, Santa Barbara. 1903.
- Gardner, Leon L., Claremont. 1911.
- Gault, Benj. T., Glen Ellyn, Ill. 1905.
- Gay, Harold S., Valardena, Durango, Mexico. 1901.
- Gifford, Edw. W., Cal. Acad. of Sci., San Francisco. 1904.
- Gilman, M. French, Sacaton, Arizona. 1901.
- Goldman, E. A., Dept. of Agriculture, Washington, D. C. 1901.
- Goldman, Luther J., Orosi. 1908.
- Goodwin, Rev. S. H., Box 284, Provo, Utah. 1910.
- Gould, Jos. E., 5 Clifton St., Norfolk, Va. 1909.
- Grant, Chapman, N. Y. Aquarium, Battery Park, New York, N. Y. 1906.
- Grant, U. S., 4th, Salem Center, Westchester Co., N. Y. 1909.
- Granville, Fred, 3414 Pasadena Ave., Los Angeles. 1911.
- Grey, Henry, R. F. D. 2, Box 154 A, San Diego. 1901.
- Grinnell, Joseph, U. C. Mus. Vert. Zoology, University of California, Berkeley. 1894.
- Groesbeck, Charles E., Venice. 1897.
- Guion, Geo. Seth, Napoleonville, La. 1911.
- Halladay, Daniel S., 729 Central Bldg., Los Angeles. 1910.
- Hamilton, Dr. B. A., Highland Park, Ill. 1911.
- Hann, H. H., Mt. Hood, Oregon. 1909.
- Hanna, Wilson C., Box 146, Colton. 1902.
- Harris, R. Park, care of Wm. Wood, Renton, Wash. 1909.
- Hawver, Dr. J. C., Box 214, Auburn. 1909.
- Hazard, R. G., Peace Dale, R. I. 1909.
- Heinemann, Oluf J., 1662 Grove St., San Francisco. 1908.
- Heller, Edmund, U. S. Nat. Museum, Washington, D. C. 1894.
- Helme, Arthur H., Miller Place, Suffolk Co., N. Y. 1911.
- Henderson, Hon. Junius, Box 398, Boulder, Colorado. 1909.
- Henshaw, H. W., Dept. of Agriculture, Washington, D. C. 1909.
- Hersey, L. J., 2121 West 34th Ave., Denver, Colorado. 1909.
- Holland, Harold M., Box 515, Galesburg, Ill. 1901.
- Holt, Wm. L., Banning. 1909.
- Hoover, Theodore J., 1 London Wall, London, E. C. England. 1898.

- Howard, O. W., Box 1177, Los Angeles. 1895.
 Howell, Alfred Brazier, 250 N. Orange Grove Ave., Pasadena. 1908.
 Howell, B. F., Jr., R. F. D. 1, Boonton, N. J. 1909.
 Howes, Paul G., Stamford, Conn. 1910.
 Howsley, L. B., Nyssa, Oregon. 1909.
 Hoxie, W. J., 1522 Bull St., Savannah, Ga. 1911.
 Hubbs, Carl L., R. D. 1, Box 288, Turlock. 1910.
 Huey, Lawrence, 32nd St. & Clay Ave., San Diego. 1909.
 Hunter, J. S., Union Hotel, San Mateo. 1903.
 Illingsworth, J. F., 126 Catherine St., Ithaca, N. Y. 1896.
 Ingersoll, A. M., 832 5th St., San Diego. 1895.
 Irving, F. N., 306 W. 36th St., Savannah, Ga. 1910.
 Isham, C. Bradley, 30 E. 63rd St., New York, N. Y. 1909.
 Jackson, Thos. H., 304 N. Franklin St., West Chester, Pa. 1911.
 Jackson, Willis H., Pescadero. 1901.
 Jacobs, J. Warren, 404 S. Washington St., Waynesburg, Pa. 1909.
 Jay, Alphonse, 1622 Pennsylvania Ave., Los Angeles. 1901.
 Jay, Antonin, 1622 Pennsylvania Ave., Los Angeles. 1901.
 Jessee, Dr. R. L., Philo, Ill. 1909.
 Jewett, Stanley G., 472 Bidwell Ave., Portland, Oregon. 1909.
 Johnson, Frank Edgar, 16 Amackassin Terrace, Yonkers, N. Y. 1911.
 Johnson, Miss Myrtle E., National City. 1908.
 Jonas, Coleman, 1023 Broadway, Denver, Colorado. 1910.
 Jones, Prof. Lynds, Mus. of Oberlin College, Oberlin, Ohio. 1911.
 Jordan, A. H. B., Lowell, Wash. 1911.
 Jordan, Dr. David Starr, Stanford University. 1902.
 Judson, W. B., 409 Mason Opera House, 127 S. Broadway, Los Angeles. 1894.
 Julien, Miss Lillian M., Yreka, Siskiyou Co. 1901.
 Kaeding, Geo. L., Box 93, Eureka, Nevada. 1903.
 Kaeding, Henry B., Candor, N. C. 1895.
 Kellogg, Miss Louise, 1253 Grove St., Oakland. 1911.
 Kellogg, Prof. Vernon L., Stanford University. 1901.
 Kennard, Frederic Hedge, Dudley Road, Newton Centre, Mass. 1911.
 Kermodé, F., Provincial Museum, Victoria, B. C. 1911.
 Kessing, Lawrence R., 1430 Santa Clara Ave., Alameda. 1899.
 Keyes, Prof. Chas. R., Mt. Vernon, Iowa. 1900.
 Kimball, H. H., 1527 M. St., Fresno. 1909.
 Knickerbocker, Chas. K., 445 N. Sacramento Ave., Carpenter Sta., Chicago, Ill. 1905.
 Knowlton, Dr. F. H., U. S. Nat. Museum, Washington, D. C. 1910.
 Kofahl, Harry J., 123 Los Angeles St., Los Angeles. 1909.
 Kofoid, Prof. C. A., University of California, Berkeley. 1909.
 Kohler, Louis S., 98 Watsessing Ave., Bloomfield, N. J. 1909.
 Lamb, Chester C., Yermo. 1899.
 Lane, F. M., 346 Blackstone Ave., Fresno. 1911.
 Law, J. Eugene, Hollywood. 1900.
 Lelande, H. J., 246 Wilcox Bldg., Los Angeles. 1897.
 Linton, C. B., 125 W. Ocean Ave., Long Beach. 1906.
 Littlejohn, Chase, Redwood City. 1909.
 Loomis, Leverett M., Cal. Acad. of Science, San Francisco. 1902.
 Love, Chas. A., 3353 22nd St., San Francisco. 1901.
 Luce, Geo. W., Haywards. 1904.
 Luther, Clarence H., 8 McIlroy Bldg., Fayetteville, Ark. 1909.
 Mailliard, Ernest C., Bank of California, San Francisco. 1909.
 Mailliard, John W., 300 Front St., San Francisco. 1894.
 Mailliard, Joseph, 1815 Vallejo St., San Francisco. 1895.
 Marsden, H. W., Witch Creek. 1905.
 Massey, Herbert, Ivy Lea, Burnage, Didsbury, Manchester, England. 1909.
 Matthews, Dr. Ellen, 142 Kenwood Ave., Glendale. 1901.
 McAtee, W. L., Biological Survey, Dept. of Agriculture, Washington, D. C. 1907.
 McGregor, R. C., Bureau of Science, Manila, P. I. 1893.
 McKechnie, F. B., Ponkapog, Mass. 1909.
 McLain, R. B., Market and 12th St., Wheeling, W. Va. 1897.
 McQuilling, W. S., 125 N. Fair Oaks Ave., Pasadena. 1909.
 Mearns, Maj. Edgar A., U. S. Natl. Mus., Washington, D. C. 1905.
 Meeker, Jesse C. A., 51 Washington Ave., Danbury, Conn. 1907.
 Meister, H. D., Swanton, Ohio. 1909.
 Mershon, W. B., Saginaw, Mich. 1911.
 Messenger, G. H., Linden, Iowa. 1910.
 Miller, Prof. Loye Holmes, State Normal School, Los Angeles. 1905.
 Miller, Mrs. Olive Thorne, 5928 Hayes Ave., Los Angeles. 1911.
 Miller, W. DeWitt, American Museum Natural History, New York, N. Y. 1909.
 Miner, Dr. H. N., Upper Lake, Lake County. 1903.

- Mitchell, Dr. Louis J., Trude Bldg., Chicago, Ill. 1909.
- Mitchell, Dr. Walton I., 321 Barnes Bldg., Wichita, Kas. 1909.
- Moran, R. B., 661 Waverley St., Palo Alto. 1897.
- Morcom, G. Frean, 1815 N. Raymond Ave., Pasadena. 1904.
- Mueller, Carl, Marysville. 1911.
- Munk, Dr. J. A., 337½ S. Hill St., Los Angeles. 1909.
- Nehrling, H., Gotha, Orange Co., Florida. 1911.
- Nelson, E. W., Bureau Biol. Survey, Dept. of Agriculture, Washington, D. C. 1904.
- Newbury, F. E., 921 Shreve Bldg., San Francisco. 1904.
- Newkirk, Dr. Garrett, 501 Slavin Bldg., Pasadena. 1900.
- Nichols, J. T., Columbus Ave., and W. 77th St., New York, N. Y. 1909.
- Nicholson, Donald J., Orlando, Florida. 1911.
- Noack, H. R., 309 Perry St., Oakland. 1901.
- Norris, Joseph Parker, Jr., 2122 Pine St., Philadelphia, Pa. 1911.
- Norris, Roy, 725 N. 10th St., Richmond, Ind. 1911.
- Oberholser, Harry C., 1445 Girard St., N. W., Washington, D. C. 1904.
- Ohlendorf, W. C., M. D., New No. 1922 Blue Island Ave., Chicago, Ill. 1910.
- Osburn, Pingree I., 735 N. Los Robles Ave., Pasadena. 1908.
- Osgood, Wilfred H., Field Museum Natural History, Chicago, Ill. 1893.
- Owen, Miss Juliette A., 306 N. 9th St., St. Joseph, Mo. 1911.
- Owen, Virgil W., U. S. Dist. Court, Federal Bldg., Los Angeles. 1896.
- Palmer, Miss Elizabeth Day, 1741 Harvard Bldg., Los Angeles. 1909.
- Palmer, Dr. T. S., 1939 Biltmore St., N. W., Washington, D. C. 1903.
- Parker, Herbert, South Lancaster, Mass. 1911.
- Paul, Lucius H., 59 W. Miller St., Newark, N. Y. 1911.
- Peabody, Rev. P. B., Blue Rapids, Kas. 1904.
- Pearson, T. Gilbert, Greensboro, N. C. 1910.
- Peck, Morton E., 531 New High St., Salem, Oregon. 1909.
- Pemberton, J. R., 18th and Corbett Road, Simons Fount Brick Co., San Francisco. 1900.
- Pennock, Chas. J., Kenneth Square, Chester County, Penn. 1909.
- Perez, Richard M., 1222 Alvarado St., Los Angeles. 1909.
- Peyton, Lawrence, Sespe. 1909.
- Philipp, Philipp Bernard, 220 Broadway, New York, N. Y. 1911.
- Phillips, John C., Knobfields, Wenham, Mass. 1911.
- Pierce, Wright M., Box 116, Claremont. 1902.
- Pilsbury, Frank O., 90 Main St., Walpole, Mass. 1911.
- Pleasants, Mrs. J. E., R. D. 3, Orange. 1900.
- Peterson, W. M., Manuelito, New Mexico. 1908.
- Pomeroy, H. K., Box 575, Kalamazoo, Mich. 1909.
- Price, A. E., Grant Park, Ill. 1905.
- Randolf, Miss Flora A., 2962 Derby St., Berkeley. 1907.
- Rathbun, S. F., 217 14th Ave. N., Seattle, Wash. 1904.
- Ray, Milton S., 26 Stewart St., San Francisco. 1899.
- Redington, A. P., Box 66, Santa Barbara. 1897.
- Reining, Chas., 1436 Clay St., Davenport, Iowa. 1906.
- Rich, Guy C., M. D., 1100 Pearl St., Sioux City, Iowa. 1911.
- Richards, E. B., 412 Kate Hayes St., Box 805, Grass Valley, Nevada Co. 1909.
- Richards, Dr. T. W., 1911 N St., N. W., Washington, D. C. 1908.
- Richardson, Chas. H., Jr., Stanford University. 1902.
- Richmond, Dr. Chas. W., U. S. Natl. Museum, Washington, D. C. 1904.
- Riley, J. H., U. S. Natl. Museum, Wash., D. C. 1909.
- Ritter, Prof. W. E., La Jolla. 1901.
- Roberts, Austin F., 981 Summit Ave., Pasadena. 1909.
- Roberts, Dr. T. S., 1603 4th Ave., Minneapolis, Minn. 1909.
- Robertson, Howard, 526 Merchants Trust Bldg., Los Angeles. 1896.
- Rockwell, Robt. B., 1240 Downing Ave., Denver, Colorado. 1908.
- Rossignol, Gilbert R., Jr., 2116 Bull St., Savannah, Ga. 1909.
- Rowley, J., 42 Plaza Drive, Berkeley. 1909.
- Rust, Henry J., Box 683, Coeur d'Alene, Idaho. 1911.
- Sage, John H., Portland, Conn. 1910.
- Sampson, Walter B., 816 Kohl Bldg., San Francisco. 1894.
- Saunders, Aretas A., care of Forest Service, Anaconda, Mont. 1909.
- Saunders, W. E., London, Ontario, Canada. 1909.
- Sclater, William Lutley, Odiham Priory, Winchfield, Hants, England. 1909.
- Schneider, J. J., Box 363, Anaheim. 1899.
- Sharp, Clarence S., Escondido. 1902.
- Sharples, Robert, West Chester, Penn. 1911.
- Shaw, W. T., 600 Linden Ave., Pullman, Wash. 1911.
- Sheldon, H. H., 578 5th Ave., San Francisco. 1903.
- Shelton, Alfred, R. F. D. 1, Petaluma. 1909.
- Shepardson, D. I., 1128 Hobart Blvd., Los Angeles. 1909.

- Sherman, Miss Althea R., Route 2, McGregor, Iowa. 1911.
- Shufeldt, Dr. R. W., 3356 18th St., N. W., Washington, D. C. 1911.
- Skinner, E. H., 745 W. 17th St., Los Angeles. 1900.
- Sloanaker, Jos. L., Newton, Iowa. 1910.
- Smith, Allyn G., Box 263, Redlands. 1909.
- Smith, Austin Paul, Box 141, Brownsville, Texas. 1907.
- Smith, C. Piper, care of H. A. Menker, 1371 Main St., Buffalo, N. Y. 1905.
- Smith, Frank, Univ. of Ill., Urbana, Ill. 1911.
- Smith, Philo W., Jr., Box 285, Eureka Springs, Ark. 1909.
- Smith, Wilfred, 1111 6th St., Santa Monica. 1911.
- Snyder, Gaylord K., 928½ W. 1st St., Los Angeles. 1910.
- Snyder, Prof. J. O., Box 775, Stanford University. 1900.
- Sornborger, J. D., Rowley, Mass. 1911.
- Spaulding, E. S., Cor. Chapala and Sola Sts., Santa Barbara. 1910.
- Spaulding, F. B., Lancaster, N. H. 1910.
- Spielmann, Oscar P., 1440 Warner Ave., Chicago, Ill. 1909.
- Steinbeck, Wm., 1029 N. Hunter St., Stockton. 1897.
- Stephens, Frank, Box 13, R. F. D. 2, San Diego. 1894.
- Stern, Norman B., 2322 Cedar St., Berkeley. 1910.
- Stevens, Dr. J. F., Box 546, Lincoln, Neb. 1911.
- Stone, D. D., R. F. D. 3, Oswego, N. Y. 1909.
- Storer, Tracy I., P. O. Drawer 18, Elmhurst, Greater Oakland. 1910.
- Strecker, John K., Jr., Baylor University, Waco, Texas. 1909.
- Suksdorf, P. J., Bingen, Wash. 1910.
- Swales, Bradshaw H., Grosse Isle, Mich. 1906.
- Swarth, H. S., U. C. Museum Vert. Zoology, University of California, Berkeley. 1897.
- Swett, Miss Helen, Martinez. 1901.
- Tarbell, Miss Olga S., 95 East Villa St., Pasadena. 1906.
- Taverner, P. A., 55 Elmhurst Ave., Highland Park, Mich. 1909.
- Taylor, E. F., Grass Valley, Nevada Co. 1910.
- Taylor, Loren E., Box 482, Reno, Nevada. 1897.
- Taylor, Walter P., U. C. Museum Vert. Zoology, University of California, Berkeley. 1905.
- Terrill, L. McI., 354 Elm Ave., Westmount, Quebec, Canada. 1911.
- Tst, Louis Agassiz, Rolla, Missouri. 1908.
- Thayer, John E., Box 98, Lancaster, Mass. 1906.
- Todd, W. E. Clyde, Carnegie Museum, Pittsburgh, Pa. 1909.
- Torrey, Bradford "The Upham", Santa Barbara. 1910.
- Tracy, H. C., 210 S. Highland Ave., Hollywood. 1910.
- Treganza, A. O., 62 Hooper Bldg., Salt Lake City, Utah. 1907.
- Tremper, Lauren, 136 Dewey St., Philadelphia, Pa. 1911.
- Trumbull, J. H., Plainville, Conn. 1911.
- Tyler, John G., 1114 Belmont Ave., Fresno. 1905.
- Ulrich, Al G., 3307 Washington Ave., St. Louis, Mo. 1909.
- Unglish, W. E., Gilroy. 1910.
- Van Fleet, Clark C., 2020 Pacific Ave., San Francisco. 1906.
- Van Rossem, Adrian, 223 N. Orange Grove Ave., Pasadena. 1909.
- Visher, Prof. Stephen Sargent, Forestburg, So. Dakota. 1911.
- Walker, Alex, Armour, So. Dakota. 1911.
- Walker, Ernest P., Montrose, Colorado. 1910.
- Warren, E. R., 20 W. Caramillo St., Colorado Springs, Colo. 1909.
- Waterman, Miss Edith S., 728 Paru St., Alameda. 1906.
- Wear, Miss Winifred N., 2448 Monterey St., Fresno. 1909.
- Weber, H. B., Simi. 1910.
- Weed, Benj., 1950 Jones St., San Francisco. 1911.
- Wells, Gurnie, R. F. D. 6, Box 73, Santa Rosa. 1911.
- Wetmore, Alex., Museum, Lawrence, Kansas. 1909.
- Wheeler, Roswell S., 296 Park View Terrace, Oakland. 1894.
- Wheelock, Mrs. H. B., 1040 Hinman Ave., Evanston, Ill. 1909.
- Whitman, C. O., Univ. of Chicago, Chicago, Ill. 1909.
- Widmann, Otto, 5105 Morgan St., St. Louis, Mo. 1904.
- Wilcox, Arthur, Santa Maria. 1908.
- Wilder, H. E., Riverside. 1909.
- Willard, B. G., Box 107, Millis, Mass. 1910.
- Willard, F. C., Tombstone, Arizona. 1905.
- Willett, George, 2123 Court St., Los Angeles 1905.
- Wood, J. Claire, 179 17th St., Detroit, Mich. 1909.
- Woodruff, Frank M., Chicago Academy of Sciences, Lincoln Park, Chicago, Ill. 1906.
- Wright, Frank S., 14 Cayuga St., Auburn, N. Y. 1910.
- Wright, Howard W., 830 N. Orange Grove Ave., Pasadena. 1907.
- Wueste, Rudolph, Morena Dam, San Diego. 1901.
- Wyman, L. E., R. D. 3, Nampa, Idaho. 1908.
- Zahn, Otto J., 2115 Estrella Ave., Los Angeles. 1896.