

except for decided smokiness of lower surface, black mottling of flanks and lower tail coverts, and reduction of spotting on wings.

Passerella iliaca sinuosa. Valdez Fox Sparrow. Perhaps nearest to *Passerella iliaca unalaschensis*, but differs from that form in smaller and especially slenderer bill, in larger and heavier spotting beneath and in a much slatier tone of coloration thruout; differs from *P. i. insularis* in the same ways but, except in spotting, to a greater degree, especially in coloration, because of the warm hazel brown tone of the Kadiak race; differs from *P. i. meruloides* (= *P. i. annectens* Ridgway) from the Yakutat Bay region, in slatier, much less ruddy tone of coloration. The type may be described as follows: whole pileum and dorsum dark sepia, closely approaching clove brown; sides of head and hind neck pervaded with slate gray; rump and edgings of wings and tail Prout brown; ground color below pure white, with spotting of same color as dorsum; flanks and lower tail coverts broadly streak with clove brown, the narrow light edgings of the crissum being faintly cream buff.

Penthestes rufescens vivax. Valdez Chestnut-sided Chickadee. Like *Penthestes rufescens rufescens* in coloration, but larger, tail proportionally longer and bill bulkier.

In "Composition of the Prince William Sound Avifauna; Discussion of its Origin", are tables of groupings of birds of the Prince William Sound District as compared with adjoining districts, with remarks on each. "Melanism in the Endemic Species" is a four-page discussion of the darkening of colors of birds in general of this region and of the causes generally assigned for such change of color. No particular theory is endorsed.

U. C. Publications in Zoology, vol. 7, no. 1, pages 1-8; published May 26, 1910. *Two New Owls from Arizona with Description of the Juvenal Plumage of Strix occidentalis (Xantus)*. By Harry S. Swarth. *Otus asio gilmani*. Sahuara Screech Owl. Most like *Otus asio cineraceus* (Ridgway), from which it differs chiefly in slightly smaller size, paler coloration and greater restriction of dark markings. Above pale ashy, darkest on crown, each feather faintly vermiculated with dusky, and with a narrow dark medium stripe. Underparts somewhat darker, but still with dark markings much restricted. Legs and toes white, sparsely marked with dusky. The distribution appears to be lower Sonoran zone principally in Arizona.

Strix occidentalis huachucae. Arizona Spotted Owl. Similar to *Strix occidentalis occidentalis* (Xantus), but slightly smaller, and conspicuously paler; white markings more extensive and dark areas less deep toned. Possibly quite extensively distributed thru the mountains of Arizona.—F. S.

MINUTES OF COOPER CLUB MEETINGS

SOUTHERN DIVISION

MARCH.—The March meeting of the Southern Division of the Cooper Club was held on Thursday evening, March 31, 1910, at the home of Mr. H. J. Lelande, 1320 East 15th St., Los Angeles. In the absence of President Morcom, the meeting was called to order by Vice-President Lelande, with the following members present:

Messrs. Willett, Chambers, Judson, Davis, Holt, Antonin Jay, Alphonse Jay, Blaine, Law.

The minutes of the February meeting were read and approved.

On motion by Mr. Willett, seconded by Mr. Alphonse Jay, and duly carried, the Secretary was instructed to cast the unanimous ballot of those present, electing to active membership Messrs. Bradford Torrey, H. C. Burt and John C. Fortiner, Jr.

Application for membership of H. B. Weber Simi, California, proposed by J. S. Appleton, was presented.

An interesting paper on Tahoe birds by M. S. Ray was then read, after which the members present indulged in very enjoyable refreshments, over which many ornithological tales were swapped. Adjourned.—J. E. LAW, *Secretary*.

Directory of Members of the Cooper Ornithological Club.

Revised to June 1, 1910.

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

HONORARY MEMBERS

- Allen, Dr. J. A., Am. Museum of Nat. History, New York, N. Y. 1910.
 Belding, Lyman, Stockton. 1896.
 Merriam, Dr. C. Hart, 1919 16th St., Washington, D. C. 1909.
 Ridgway, Robert, 3413 13th St., N. E., Brookland, D. C. 1905.

ACTIVE MEMBERS

- Adams, Ernest, Box 21, Clipper Gap, Placer Co. 1896.
 Alexander, 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., Freight Claim Ag't., Grand Trunk Ry., Montreal, Quebec. 1910.
 Arnold, Dr. Ralph, 726 H. W. Hellman Bldg., Los Angeles. 1893.
 Atkinson, W. L., 28 E. Santa Clara Ave., San Jose. 1901.
 Badé, Wm. Frederic, 2616 College Ave., Berkeley. 1903.
 Batchelder, Chas. F., 7 Kirkland St., Cambridge, Mass. 1910.
 Bailey, Henry F., 94 Pacific Ave., Santa Cruz. 1902.
 Bailey, H. H., 321 54th St., Newport News, Va. 1903.
 Bailey, Vernon, Dept. Agriculture, Washington, D. C. 1904.
 Bales, Dr. B. R., 151 West Main St., Circleville, Ohio. 1906.
 Bangs, Outram, Museum of Comparative Zoology, Cambridge, Mass. 1910.
 Barnes, R. Magoon, Lacon, Ill. 1908.
 Barrows, Prof. Walter B., Box 183, East Lansing, Mich. 1909.
 Beal, Prof. F. E. L., Dept. Agriculture, Washington, D. C. 1904.
 Beck, Rollo, H., Berryessa. 1894.
 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, no. 3 Fuller Terrace, Orange, N. J. 1909.
 Bishop, Dr. Louis B., 356 Orange St., New Haven, Conn. 1904.
 Blain, Merrill W., 1321 Glendale Ave., Tropic. 1909.
 Bliss, J. G., 3281 Briggs Ave., Alameda. 1908.
 Bohlman, Herman T., 46 N. 9th St., Portland, Ore. 1903.
 Bolander, L. P., Jr., 462 Fair Oaks St., San Francisco. 1907.
 Bolt, B. F., 1421 Prospect Ave., Kansas City, Missouri. 1909.
 Bowdish, B. S., Demarest, N. J. 1910.
 Bowles, Chas. W., Kerby, Ore. 1903.
 Bowles, J. H., Gregson House, Santa Barbara. 1903.
 Boyce, John J., Juneau, Alaska. 1910.
 Brewster, William, 145 Brattle St., Cambridge, Mass. 1904.
 Brooks, Allan, Okanogan Landing, B. C., Canada. 1906.
 Braislin, W. C., M. D., 556 Washington Ave., Brooklyn, N. Y. 1910.
 Brown, D. E., 5032 Puget Sound Ave., South Tacoma, Washington. 1909.
 Brown, W. W., Jr., care of Mr. Chas. Sartwell, 1033 Key West St., Los Angeles. 1909.
 Burnett, W. L., Box 483, Loveland, 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.
 Buturlin, Sergius A., Wesenberg, Esthonia, Russia. 1909.
 Burtch, Verdi, Branchport, N. Y. 1910.
 Camp, Chas., Sierra Madre. 1909.
 Carpenter, Nelson K., Box 127, Escondido. 1901.
 Carriger, Henry W., 69A Walter St., San Francisco. 1895.
 Chamberlain, Willard, 226 S. Bunker Hill St., Los Angeles. 1906.
 Chambers, W. Lee, Santa Monica. 1897.
 Chapman, Frank M., American Museum Natural History, Central Park, New York, N. Y. 1903.
 Childs, John Lewis, Floral Park, N. Y. 1904.
 Clark, Josiah H., 228 Broadway, Paterson, N. J. 1910.
 Clay, C. Irwin, Box 353, Eureka. 1910.
 Clifton, H. T., 871 N. Lake Ave., Pasadena. 1904.
 Coale, Henry K., Highland Park, Ill. 1907.
 Cohen, Donald A., Alameda. 1894.
 Colburn, A. E., 744 S. Broadway, Los Angeles. 1905.
 Cooper, Jas. S., 826 53rd St., Oakland. 1903.
 Craven, Jesse T., 811 Roosevelt Ave., Detroit, Mich. 1909.
 Currier, Ed. S., P. O. Drawer 21, St. Johns, Multnomah Co., Ore. 1904.
 Daggett, Frank S., 109 South Elmwood Ave., Oak Park, Ill. 1895.
 Dalglish, John J., Bogside Station, Stirling, Scotland. 1910.
 Davis, Evan, Orange. 1894.
 Davis, J. M., 1438 7th St., Eureka. 1908.
 Dawson, W. Leon, 5810 16th Ave., N. E., Seattle, Washington. 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 Automatic Fire Prot. Co., Whitestone, Long island, N. Y. 1910.
 Dixon, Joseph, U. C. Mus. Vert. Zoology, Berkeley. 1904.
 Duprey, H. F., 919 Morgan Street., Santa Rosa. 1906.
 Dutcher, Wm., 141 Broadway, New York, N. Y. 1905.
 Dwight, Dr. Jonathan, Jr., 134 W. 71st St., New York, N. Y. 1904.
 Eastman, Lieut. F. B., 10th Inf., Fort Benjamin Harrison, Ind. 1904.

- Embody, G. C., Prof., 315 College Ave., Ithaca, N. Y. 1910.
- Esterly, Prof. C. O., Occidental College, Los Angeles. 1908.
- Ferris, H. P., Box 172, Claremont. 1910.
- Finley, Wm. L., R. F. D. 1, Box 60, A, Milwaukee, Ore. 1900.
- Fischer, E. J., U. C. Mus. Vert. Zoology, Berkeley. 1910.
- Fisher, Dr. A. K., Dept. Agriculture, Washington, D. C. 1904.
- Fisher, Miss Elizabeth W., 1502 Pine St., Philadelphia, Pa. 1910.
- Fisher, Prof. W. 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. 1909.
- Fortiner, J. C., Brawley. 1910.
- Fowler, Frederick H., Palo Alto. 1901.
- Frost, A. H., 255 West 74th St., New York, N. Y. 1910.
- Fuertes, Louis A., Cornell Heights, Ithaca, N. Y. 1904.
- Gane, Henry Stewart, Santa Barbara. 1903.
- Gault, Benj. T., Glen Ellyn, Ill. 1905.
- Gay, Harold S., Minas Bonanza y Anexas, via Saltillo, Bonanza, Zacatecas, Mexico. 1901.
- Gifford, Edw. W., Cal. Acad. Science, San Francisco. 1904.
- Gilman, M. French, Sacaton, Ariz. 1901.
- Goldman, E. A., Dept. Agriculture, Washington, D. C. 1900.
- Goldman, Luther J., Orosi. 1908.
- Goodwin, S. H., Box 284, Provo, Utah. 1910.
- Gould, Jos. E., 5 Clifton Street., Norfolk, Va. 1909.
- Grant, Chapman, Williamstown, Mass. 1905.
- Grant, U. S., 4th, Salem Center, Westchester Co., N. Y. 1909.
- Grey, Henry, care of A. B. S. Co., Camarillo. 1901.
- Grinnell, Joseph, Museum Vert. Zoology, University of California, Berkeley. 1894.
- Groesbeck, Charles E., Ocean Park. 1897.
- Hanford, Forrest, 1363 11th St., Oakland. 1909.
- Hann, H. H., Mt. Hood, Ore. 1909.
- Hanna, Wilson C., Box 146, Colton. 1902.
- Harris, R. Park, care Wm. Wood, Renton, Washington. 1909.
- Hawver, Dr. J. C., Box 214, Auburn. 1909.
- Hazard, R. G., Peace Dale, R. I. 1909.
- Heinemann, Oluf J., 1533 Fulton St., San Francisco. 1908.
- Heller, Edmund, Riverside. 1894.
- Henderson, Hon. Junius, Box 398, Boulder, Colo. 1909.
- Henshaw, H. W., Dept. Agriculture, Washington, D. C. 1909.
- Hersey, L. J., 2121 West 34th Ave., Denver, Colo. 1909.
- Holland, Harold M., Box 515, Galesburg, Ill. 1901.
- Holt, Wm. L., Banning. 1909.
- Hoover, Theodore J., 65 Addison Road, London W., England. 1898.
- Howard, O. W., Box 1177, Los Angeles. 1895.
- Howell, Alfred Brazier, care Hotel Maryland, Pasadena. 1908.
- Howell, B. F., Jr., R. F. D. 1, Boonton, N. J. 1909.
- Hoves, Paul G., Stamford, Conn. 1910.
- Howsley, L. B., Mullan, Idaho. 1909.
- Huey, Lawrence, 32nd St. & Clay Ave., San Diego. 1909.
- Hunter, J. S., Union Hotel, San Mateo. 1903.
- Illingworth, J. F., 2201 Harvard Ave., N., Seattle, Wash. 1896.
- Ingersoll, A. M., 832 5th Street, San Diego. 1895.
- Isham, C. Bradley, 30 E. 63d St., New York, N. Y. 1909.
- Jacobs, J. Warren, 404 South Washington St., Waynesburg, Pa. 1909.
- Jackson, Willis H., Pescadero. 1901.
- 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., 582 Bidwell Ave., Portland, Ore. 1909.
- Johnson, Myrtle E., National City. 1908.
- Jonas, Coleman, 1814 Stout Street, Denver, Colo. 1910.
- Jordan, Dr. David Starr, Stanford University. 1902.
- Judd, Percy J., R. D. no. 3, Chico. 1910.
- Judson, W. B., 409 Mason Opera House, Los Angeles. 1894.
- Julien, Miss Lillian M., Yreka, Siskiyou County. 1901.
- Kaeding, Geo. L., Box 93, Eureka, Nevada. 1903.
- Kaeding, Henry B., 1146 Hobson St., Los Angeles. 1895.
- Keeney, Ashby H., Hollywood. 1904.
- Kellogg, Prof. Vernon L., Stanford University. 1901.
- Kessing, Lawrence R., 1430 Santa Clara Ave., Alameda. 1899.
- Keyes, Chas. R., Mt. Vernon, Iowa. 1900.
- Kimball, H. H., 1527 M. St., Fresno. 1909.
- Knickerbocker, Chas. K., 503 Western Union Bldg., care Griffin Wheel Co., Chicago, Ill. 1905.
- Kohler, Louis S., 98 Watsessing Ave., Bloomfield, N. J. 1909.
- Knowlton, Dr. F. H., care 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.
- Lamb, Chester C., 469 Van Ness Ave., Fresno. 1899.
- Law, J. Eugene, Hollywood. 1900.
- Lelande, H. J., City Hall, Los Angeles. 1897.
- Linton, C. B., 1756 Pine Ave., Long Beach. 1906.
- Littlejohn, Chase, Redwood City. 1909.
- Loomis, Leverett M., Cal. Acad. Science, San Francisco. 1902.
- Love, Chas. A., 3353 22d St., San Francisco. 1901.
- Lowe, H. N., 10 Pine Ave., Long Beach. 1909.
- Luce, Geo. W., Haywards. 1904.
- Luther, Clarence H., 8 McElroy Bldg., Fayetteville, Ark. 1909.
- Mailliard, Ernest C., Bank of California, San Francisco. 1909.
- Mailliard, John W., 300 Front St., San Francisco. 1894.
- Mailliard, Joseph, 300 Front St., San Francisco. 1895.
- Marsden, H. W., Witch Creek. 1905.
- Massey, Herbert, Ivy Lea, Burnage, Didsbury, Manchester, England. 1909.
- Matthews, Dr. Ellen, 313 E. Ave. 60, Los Angeles. 1901.
- McAtee, W. L., Biological Survey, Department 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 Sts., Wheeling, W. Va. 1897.
- McQuilling, W. S., 125 W. Fair Oaks Ave., Pasadena. 1909.
- Mearns, Maj. Edgar A., Care War Dept., Washington, D. C. 1905.
- Meeker, Jesse C. A., 51 Washington Ave., Danbury, Conn. 1907.
- Meister, H. D., Swanton, Ohio. 1909.
- Metz, Chas. W., Box 296, Claremont. 1906.
- Miller, Prof. Loye Holmes, State Normal School, Los Angeles. 1905.
- Miller, W. DeWitt, American Museum Natural History, New York, N. Y. 1909.
- Miner, Dr. H. N., Upper Lake, Lake Co. 1903.
- Mitchell, Dr. Louis J., 67 Wabash Ave, Chicago, Ill. 1909.
- Mitchell, Dr. Walton I., 321 Barnes Bldg., Wichita, Kans. 1909.
- Moran, R. B., 661 Waverly St., Palo Alto. 1897.
- Morcom, G. Frean, 1815 No. Raymond Ave., Pasadena. 1904.
- Munk, Dr. J. A., 337 1/2 So. Hill St., Los Angeles. 1909.
- Nelson, E. W., Department of Agriculture, Washington, D. C. 1904.
- Newbury, F. E., 921 Shreve Bldg., San Francisco. 1904.
- Newkirk, Dr. Garret, 501 Slavin Bldg., Pasadena. 1900.
- Nichols, J. T., Columbus Ave. and W. 77th St., New York, N. Y. 1909.
- Noack, H. R., 309 Perry Street, Oakland. 1901.
- Oberholser, Harry C., 1445 Girard St., N. W., Washington, D. C. 1904.
- Obermuller, Geo. J., Box 94, Haywards. 1908.
- Ohlendorf, W. C., 1922 Blue Island Ave., Chicago, Ill. 1910.
- Osburn, Pingree I., 735 N. Los Robles Avenue, Pasadena. 1908.
- Osgood, Wilfred H., Field Museum Natural History, Chicago, Ill. 1893.
- Owen, Virgil W., Tajo Bldg., care U. S. District Court, Los Angeles. 1896.
- Palmer, Elizabeth Day, 1741 Harvard Blvd., Los Angeles. 1909.
- Palmer, Dr. T. S., 1939 Biltmore Street, N. W., Washington, D. C. 1903.
- Peabody, Rev. P. B., Blue Rapids, Kans. 1904.
- Pearson, T. Gilbert, Greensboro, N. C. 1910.
- Peck, Morton E., 531 New High Street, Salem, Oregon. 1909.
- Pemberton, J. Roy, 846 Bryant St., Palo Alto. 1900.
- Pennock, Chas. J., Kennett Square, Chester Co., Penn. 1909.
- Perez, Richard M., 1222 Alvarado St., Los Angeles. 1909.
- Peterson, W. M., Manuelito, New Mexico. 1908.
- Peyton, Lawrence, Sespe. 1909.
- Pierce, Wright M., Box 116, Claremont. 1902.
- Pleasants, Mrs. J. E., R. D. No. 3, Orange. 1900.
- Pomeroy, H. K., Box 575, Kalamazoo, Michigan. 1909.
- Price, A. E., Grant Park, Ill. 1905.
- Randolf, Flora A., 2962 Derby St., Berkeley. 1907.
- Rathbun, S. F., 217 14th Ave., N., Seattle, Wash. 1904.
- Ray, Milton S., 299 San Jose Ave., San Francisco. 1899.
- Redington, A. P., Box 66, Santa Barbara. 1897.
- Reining, Chas., 1436 Clay Street, Davenport, Iowa. 1906.
- Richards, E. B., 412 Kate Hayes Street, 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. National Museum, Washington, D. C. 1904.
- Riley, J. H., U. S. National Museum, Washington, D. C. 1909.
- Ritter, Prof. W. E., La Jolla. 1901.
- Roberts, Austin F., 981 Summit Avenue, Pasadena. 1909.

- Roberts, Dr. T. S., 1603 4th Avenue, Minneapolis, Minn. 1909.
- Robertson, Howard, City Hall, Los Angeles. 1896.
- Rockwell, Robt. B., 1240 Downing Ave., Denver, Colo. 1908.
- Rossignol, Gilbert R., Jr., 2116 Bull St., Savannah, Ga. 1909.
- Rowley, J., 42 Plaza Drive, Berkeley. 1909.
- Sage, John H., Portland, Conn. 1910.
- Sampson, Walter B., 816 Kohl Bldg., San Francisco. 1894.
- Saunders, Aretas A., care Forest Reserve, Anaconda, Mont. 1909.
- Saunders, W. E., London, Ontario, Canada. 1909.
- Schneider, J. J., Box 363, Anaheim. 1899.
- Slater, William Lutley, Odiham Priory, Winchfield, Hauts, England. 1909.
- Sharp, Clarence S., Escondido. 1902.
- Shaw, William Ray, 427 East 4th St., Long Beach. 1909.
- Sheldon, H. H., 578 5th Ave., San Francisco. 1903.
- Shelton, Alfred, Stoney Point P. O., Sonoma County. 1909.
- Shepardson, D. I., 1128 Hobart Bldg., Los Angeles. 1909.
- Skinner, E. H., 1931 Barnard Park, Los Angeles. 1900.
- Sloanaker, Jos. L., Raisin, Fresno Co. 1910.
- Smith, Allyn G., Box 263, Redlands. 1909.
- Smith, Austin Paul, Box 141, Brownsville, Texas. 1907.
- Smith, C. Piper, Logan, Utah. 1905.
- Smith, Philo W., Jr., Box 285, Eureka Springs, Ark. 1909.
- Snyder, Gaylord K., 11 Lasuen St., Stanford University. 1910.
- Snyder, Prof. J. O., Box 775, Stanford University. 1900.
- Spaulding, E. S., Cor. Chapala and Sola Sts., Santa Barbara. 1910.
- Spaulding, F. B., Lancaster, N. H. 1910.
- Spielman, Oscar P., 99 E. North Ave., Chicago, Ill. 1909.
- Steinbeck, Wm., 1029 N. Hunter St., Stockton. 1897.
- Stephens, Frank, Box 13, R. F. D. no. 2, San Diego. 1894.
- Stone, D. D., R. F. D. no. 3, Oswego, N. Y. 1909.
- 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, Berkeley. 1897.
- Swett, Helen, Martinez. 1901.
- Tarbell, Olga S., 175 N. Marengo Ave., Pasadena. 1906.
- Taverner, P. A., 55 Elmhurst Avenue, Highland Park, Michigan. 1909.
- Taylor, E. F., Grass Valley, Nevada Co. 1910.
- Taylor, Loren E., Fyffe, El Dorado County. 1897.
- Taylor, Walter P., U. C. Museum Vert. Zoology, Berkeley. 1905.
- Test, Prof. Louis Agassiz, Rolla, Mo. 1909.
- Thayer, John E., Box 98, Lancaster, Mass. 1906.
- Todd, W. E. Clyde, Carnegie Museum, Pittsburgh, Pa. 1909.
- Torrey, Bradford, The Upham, Santa Barbara. 1910.
- Treganza, A. O., 62 Hooper Bldg., Salt Lake City, Utah. 1907.
- Tyler, John G., 145 Diana St., 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.
- Van Voris, William S., 1152 S. E. St., Tacoma Washington. 1909.
- Walker, Ernest P., Paradox, Montrose Co., Colorado. 1910.
- Warren, E. R., 20 W. Caramillo Street, Colorado Springs, Colo. 1909.
- Waterman, Edith S., 728 Paru St., Alameda 1906.
- Wear, Winifred N., 2449 Monterey St., Fresno. 1909.
- Weber, H. B., Simi. 1910.
- Wetmore, Alex., 1620 Milwaukee St., Denver, Colo. 1909.
- Wheeler, Roswell S., 296 Park View Terrace, Oakland. 1894.
- Whitman, Prof. C. O., University of Chicago, Chicago, Ill. 1909.
- Widmann, Otto, 5105 Morgan Street, 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, G., 2123 Court St., Los Angeles. 1905.
- Wood, J. Claire, 179 17th St., Detroit, Michigan. 1909.
- Woodruff, Frank M., Chicago Academy of Sciences, Chicago, Ill. 1906.
- Wright, Howard W., 830 No. Orange Grove Ave., Pasadena. 1907.
- Wright, Frank S., 14 Cayuga St., Auburn, N. Y. 1910.
- Wueste, R., Morena Dam, San Diego. 1901.
- Weymouth, F. W., Stanford University. 1906.
- Wheelock, Mrs. H. B., 1040 Hinman Ave., Evanston, Ill. 1909.
- Zahn, Otto J., 2115 Estrella Ave., Los Angeles. 1896.