

## OFFICERS AND COMMITTEES OF THE AMERICAN ORNITHOLOGISTS' UNION, 1920.

	Expiration of Term
SAGE, JOHN H., <i>President</i> .....	November, 1920.
STONE, WITMER	} Vice-Presidents.....
GRINNELL, GEORGE BIRD	" 1920.
PALMER, T. S., <i>Secretary</i> .....	" 1920.
DWIGHT, JONATHAN, <i>Treasurer</i> .....	" 1920.

### ADDITIONAL MEMBERS OF THE COUNCIL.

DEANE, RUTHVEN.....	November, 1920.
DUTCHER, WILLIAM.....	" 1920.
GRINNELL, JOSEPH.....	" 1920.
LUCAS, FREDERIC A.....	" 1920.
OBERHOLSER, HARRY C.....	" 1920.
RICHMOND, CHARLES W.....	" 1920.
ROBERTS, THOMAS S.....	" 1920.
ALLEN, J. A.....	}
BATCHELDER, CHARLES F.....	}
CHAPMAN, FRANK M.....	}
CORY, CHARLES B.....	}
FISHER, ALBERT K.....	}
MERRIAM, C. HART.....	}
NELSON, EDWARD W.....	}
RIDGWAY, ROBERT.....	} Ex-Presidents.

### EDITORIAL STAFF OF 'THE AUk.'

STONE, WITMER, <i>Editor</i> .....	November, 1920.
------------------------------------	-----------------

### COMMITTEES.

#### *Committee on Biography and Bibliography.*

PALMER, T. S., <i>Chairman</i>	DEANE, RUTHVEN
ALLEN, GLOVER M.	RICHMOND, CHARLES W.

STONE, WITMER

#### *Committee on Bird Protection.*

FISHER, A. K., <i>Chairman</i>	NELSON, E. W.
	RICHMOND, CHARLES W.

#### *Committee on Classification and Nomenclature of North American Birds.*

STONE, WITMER, <i>Chairman</i>	RICHMOND, C. W.
OBERHOLSER, H. C., <i>Secretary</i>	DWIGHT, JONATHAN
	PALMER, T. S.

#### *Committee on Publications.*

SAGE, JOHN H.	STONE, WITMER
PALMER, T. S.	DWIGHT, JONATHAN

FELLOWS, MEMBERS, AND ASSOCIATES OF THE  
AMERICAN ORNITHOLOGISTS' UNION.

APRIL, 1920.<sup>1</sup>

FELLOWS.

	Date of Election.
ALLEN, DR. J. A., Amer. Mus. Nat. Hist., New York, N. Y.....	Founder
ANTHONY, A. W., Ironside, Ore.....	(1885)1895 <sup>2</sup>
BANGS, OUTRAM, Museum Comp. Zoology, Cambridge, Mass..	(1884)1901
BARROWS, Prof. W. B., Box 1047, East Lansing, Mich.....	1883
BATCHELDER, CHARLES F., 7 Kirkland St., Cambridge, Mass....	Founder
BEEBE, C. WILLIAM, New York Zool. Park, New York, N. Y..	(1897)1912
BENT, ARTHUR CLEVELAND, Taunton, Mass.....	(1889)1909
*BICKNELL, EUGENE P., 30 Pine St., New York, N. Y.....	Founder
BISHOP, DR. LOUIS B., 356 Orange St., New Haven, Conn.....	(1885)1901
BROWN, NATHAN CLIFFORD, 218 Middle St., Portland, Me.....	Founder
CHADBOURNE, DR. ARTHUR P., The Copley-Plaza, Boston, Mass	(1883)1889
CHAPMAN, DR. FRANK M., Amer Mus. Nat. Hist., New York, N. Y.	(1885)1888
*CORY, CHARLES B., Field Museum Nat. Hist., Chicago, Ill.....	Founder
DEANE, RUTHVEN, 112 W. Adams St., Chicago, Ill.....	1883
DUTCHER, WILLIAM, 949 Park Ave., Plainfield, N. J.....	(1883)1886
DWIGHT, DR. JONATHAN, 43 W. 70th St., New York, N. Y....	(1883)1886
FISHER, DR. ALBERT K., Biological Survey, Washington, D. C....	Founder
FISHER, PROF. WALTER K., Hopkins Marine Sta., Pacific Grove, Calif.	(1899)1905
FLEMING, JAMES H., 267 Rusholme Road, Toronto, Ontario...	(1898)1916
FORBUSH, EDWARD H., State House, Boston, Mass.....	(1887)1912
FUERTES, LOUIS A., Cornell Heights, Ithaca, N. Y.....	(1891)1912
GRINNELL, DR. GEORGE BIRD, 238 E. 15th St., New York, N. Y.....	1883
GRINNELL, DR. JOSEPH, Mus. Vert. Zool., Univ. Calif., Berkeley, Calif.	(1894)1901
JONES, LYNDS, Spear Laboratory, Oberlin, Ohio.....	(1888)1905
LOOMIS, LEVERETT M., Cal. Acad. Sci., San Francisco, Calif...	(1883)1892
LUCAS, DR. FREDERIC A., Am. Mus. Nat. Hist., New York, N. Y.	(1888)1892

<sup>1</sup> Members of the Union, and subscribers to *THE AUK* are requested to promptly notify DR. JONATHAN DWIGHT, Treasurer, 43 W. 70th St., New York City, of any change of address.

<sup>2</sup> Dates in parentheses indicate dates of joining the Union.

\* Life Fellow.

MAILLIARD, JOSEPH,	1815 Vallejo St., San Francisco, Calif.	... (1895) 1914
McATEE, WALDO LEE,	Biological Survey, Washington, D. C.	... (1903) 1914
*McGREGOR, RICHARD C.,	Bureau of Science, Manila, P. I.	... (1889) 1907
MERRIAM, DR. C. HART,	1919 16th St., N. W. Washington, D. C.	Founder
MILLER, WALDRON DEWITT,	Am. Mus. Nat. Hist., New York, N. Y.	
		(1896) 1914
NEHRLING, H.,	Gotha, Fla.	1883
NELSON, E. W.,	Biological Survey, Washington, D. C.	1883
OBERHOLSER, DR. HARRY C.,	Biological Survey, Washington, D. C.	
		(1888) 1902
OSGOOD, DR. WILFRED H.,	Field Museum Nat. Hist., Chicago, Ill.	
		(1893) 1905
*PALMER, DR. T. S.,	1939 Biltmore St., N. W., Washington, D. C.	(1888) 1901
PALMER, WILLIAM,	U. S. National Museum, Washington, D. C.	(1888) 1898
RICHMOND, DR. CHARLES W.,	U. S. National Museum, Washington,	
D. C.		(1888) 1897
RIDGWAY, DR. ROBERT,	U. S. Nat. Mus., Washington, D. C.	.... Founder
RILEY, JOSEPH H.,	U. S. Nat. Mus., Washington, D. C.	.... (1897) 1919
ROBERTS, DR. THOMAS S.,	Univ. of Minnesota, Minneapolis, Minn.	1883
*SAGE, JOHN H.,	Portland, Conn.	1883
SAUNDERS, WILLIAM E.,	240 Central Ave., London, Ontario	1883
SHUFELDT, DR. ROBERT W.,	3356 18th St., N. W., Washington, D. C.	
		Founder
STONE, DR. WITMER,	Acad. Nat. Sciences, Philadelphia, Pa.	.... (1885) 1892
SWARTH, HARRY S.,	Mus. Vert. Zoology, Univ. of California, Berke-	
ley, Calif.		.... (1900) 1916
TAVERNER, PERCY A.,	Victoria Memorial Museum, Ottawa, Canada	
		(1902) 1917
TODD, W. E. CLYDE,	Carnegie Museum, Pittsburgh, Pa.	.... (1890) 1916
WETMORE, DR. ALEXANDER,	Biol. Survey, Washington, D. C.	... (1908) 1919
WIDMANN, OTTO,	5105 Enright Ave., St. Louis, Mo.	.... 1884

## RETIRED FELLOWS.

HENSHAW, HENRY W.,	The Ontario, Washington, D. C.	.... (1883) 1918
LAWRENCE, NEWBOLD T.,	Lawrence, N. Y.	.... (1883) 1913
STEJNEGER, DR. LEONHARD,	U. S. Nat. Mus., Washington, D. C.	(1883) 1911

## HONORARY FELLOWS.

BUTURLIN, SERGIUS ALEXANDROVICH,	Wesenberg, Estonia, Russia	
		(1907) 1916
DABBENE, DR. ROBERTO,	Museo Nacional, Buenos Aires, Argentina	
		(1916) 1918

---

\* Life Fellow.

DUBOIS, Dr. ALPHONSE, Villa Rayon de Soleil, Coxyde sur Mer, Belgium.....	(1884)1911
EVANS, ARTHUR HUMBLE, 9 Harvey Road, Cambridge, England	(1899)1917
FÜRBRINGER, Prof. Dr. MAX, University of Heidelberg, Heidelberg, Germany.....	(1891)1916
GADOW, Dr. HANS FRIEDRICH, Cleramendi, Great Shelford, near Cambridge, England.....	(1884)1916
HAAGNER, ALWYN KARL, Zoölogical Gardens, Box 754, Pretoria, Transvaal, South Africa.....	(1916)1918
HARTERT, Dr. ERNST J. O., Zoological Museum, Tring, Herts, England.....	(1891)1902
HELLMAYR, Dr. CARL E., Neuhauserstrasse 51.II, Munich, Germany	(1903)1911
IHERING, Dr. HERMANN von, Caixa Postal No. 9, Florianopolis, Estado de Sta. Catarina, Brazil.....	(1902)1911
LÖNNBERG, Dr. A. J. EINAR, Naturhistoriska Riksmuseum, Veten-skapsakademien, Stockholm, Sweden.....	(1916)1918
MÉNÉGAUX, Dr. HENRI AUGUSTE, Museum d'Histoire Naturelle, Rue de Buffon, Paris, France.....	(1916)1918
PYCRAFT, WILLIAM PLANE, British Museum (Nat Hist.) Cromwell Road, London, S. W., 7, England .....	(1902)1911
REICHENOW, Dr. ANTON, Königl. Mus. für Naturkunde, Invaliden-strasse, 43, Berlin.....	(1884)1891
ROTHSCHILD, Lord LIONEL WALTER, Zoological Museum, Tring, Herts, England.....	(1898)1913
SALVADORI, Count TOMMASO, Royal Zoöl. Museum, Turin, Italy.....	1883
SCHALOW, Prof. HERMAN, Hohenzollerndamm 50, Berlin-Grünewald, Germany.....	(1884)1911
SCLATER, WM. LUTLEY, 10 Sloane Court, Chelsea, London, S. W., 1.	England (1906)1917
SUSCHKIN, Dr. PETER, University, Kharkov, Russia.....	(1903)1918
VAN ORT, Dr. E. D., Mus. Nat. Hist., Leyden, Holland.	(1913)1919

## CORRESPONDING FELLOWS.

ABBOTT, Dr. WILLIAM L., 400 S. 15th St., Philadelphia, Pa.....	1916
ALFARO, DON ANASTASIO, San José, Costa Rica.....	1888
ALPHÉRAKY, SERGIUS N., Imperial Acad. Sci., Petrograd, Russia.....	1913
ARRIBALZAGA, ENRIQUE LYNCH, Resistencia, Chaco, Argentina.....	1918
ARRIGONI DEGLI ODDI, Count ETTORE, Univ. of Padua, Padua, Italy	1900
ASHBY, EDWIN, Wittunga, Blackwood, Adelaide, South Australia.....	1918
BAKER, E. C. STUART, Chief Police Office, West India Docks, London, E. 14, England.....	1918
BANNERMAN, DAVID ARMITAGE, 6 Palace Gardens Terrace, Kensington, London, W. 8, England.....	1916

BATES, GEO. LATIMER, Bitye, via Yaunde, Cameroon, W. Africa.....	1919
BAXTER, Miss EVELYN VIDA, The Grove, Kirkton of Largo, Fifeshire, Scotland.....	1919
BEDDARD, FRANK EVERE, Zoöl Society of London, London, England. 1917	
BERTONI, DR. ARNOLD de WINKELREID, Puerto Bertoni, Paraguay. 1919	
BIANCHI, DR. VALENTINE, Imperial Zoöl. Museum, Petrograd, Russia. 1916	
BONHOTÉ, JOHN LEWIS, Gade Spring Lodge, Hemel Hempstead, Herts, England.....	1911
BUREAU, DR. LOUIS, École de Médecine, Nantes, France .....	1884
BÜTTIKOFER, DR. JOHANNES, Zoölogical Garden, Rotterdam, Holland. 1886	
CAMPBELL, ARCHIBALD JAMES, "Bulgaroo," Broughton R'd, Surrey Hills, Victoria, Australia.....	1902
CARRIKER, M. A., Jr., Apartado 51, Santa Marta, Colombia... (1907) 1912	
CHAMBERLAIN, MONTAGUE, Cambridge, Mass..... (Founder) 1901	
CHUBB, CHARLES, British Museum (Nat. Hist.) Cromwell Road, London, S. W., 7, England.....	1911
CLARKE, WILLIAM EAGLE, Royal Scottish Museum, Edinburgh.....	1889
COLLINGE, DR. WALTER E., 3 Queen's Terrace, St. Andrews, Scotland. 1918	
DALGLEISH, JOHN J., Brankston Grange, Bogside Station, Alloa, Scotland.....	1883
DOLE, SANFORD B., Honolulu, Hawaii.....	1883
ECHT, ADOLPH BACHOFEN VON, Nussdorf, near Vienna, Austria.....	1883
FEILDEN, Col. HENRY WEMYSS, Burwash, Sussex, England.....	1884
FERRARI-PEREZ, PROF. FERNANDO, Tacubaya, D. F., Mexico.....	1885
FREKE, PERCY EVANS, South Point, Limes Road, Folkstone, England. 1883	
GEE, NATHANIEL GIST, Soochow Univ., Soochow, China.....	1919
GODWIN-AUSTEN, Lieut.-Col. HENRY HAVERSHAM, Nore, Hascombe, Godalming, Surrey, England.....	1884
GRANDIDIER, ALFRED, 6 Rond-Point des Champs Elysées, Paris.....	1883
GURNEY, JOHN HENRY, Keswick Hall, Norwich, England.....	1883
GYLDENSTOLPE, COUNT NILS, Naturhistoriska Riksmuseum, Veten-skapsakademien, Stockholm, Sweden.....	1918
HALL, ROBERT, Tasmanian Museum, Hobart, Tasmania.....	1916
HARTING, JAMES EDMUND, Portmore Lodge, Weybridge, Surrey, England.....	1883
HENNICK, DR. CARL R., Gera, Reuss, Germany.....	1907
HENSON, HARRY V., Yokohama, Japan.....	1888
HUDSON, WILLIAM HENRY, Tower House, St. Luke's Road, West-bourne Park, London, W. England.....	1895
HULL, ARTHUR FRANCIS BASSETT, Box 704, Sydney, N. S. W.....	1919
IREDALE, TOM, 39 Northcote Ave., Ealing, London, W. 5, England..	1918
JACKSON, MISS ANNIE C., Swordale, Evanton, Ross-shire, Scotland..	1919
JOURDAIN, REV. FRANCIS C. R., Appleton Rectory, Abingdon, Berks, England.....	1918
KLOSS, CECIL BODEN, Kuala Lumpur, Federated Malay States.....	1918

KRÜPER, Dr. THEOBALD J., University Museum, Athens, Greece.....	1884
KURODA, NAGAMICHI, Fukuyoshi Cho, Akasaka, Tokyo, Japan.....	1918
LEACH, Dr. JOHN ALBERT, Eyrecourt, Canterbury, Victoria, Australia	1919
LE SOUËF, DUDLEY, Zoological Gardens, Melbourne, Australia.....	1911
LOWE, Dr. PERCY R., British Mus. (Nat. Hist.), Cromwell Road, London, S. W. 7, England.....	1916
MACFARLANE, RODERICK, 251 Colony St., Winnipeg, Manitoba.....	1886
MADARÁSZ, Dr. JULIUS VON, National Museum, Budapest, Hungary.	1884
MATHEWS, GREGORY M., Foulis Court, Fair Oak, Hants, England..	1911
MENZBIER, Prof. Dr. MICHAEL, University for Women, Devitchje, Pola, Moscow, Russia.....	1884
MILLAIS, JOHN GUILLÉ, Compton's Brow, Horsham, Sussex, England	1911
MITCHELL, Dr. P. CHALMERS, Zoological Society Regents Park, London, N. W. 8, England.....	1919
MOFFETT, LACY I., Kiangyin, via Shanghai, China.....	1919
NICHOLSON, FRANCIS, Ravenscroft, Windermere, Westmoreland, England.....	1884
NICOLL, MICHAEL JOHN, Valhalla House, Zoöl. Gardens, Giza, Egypt	1919
OGILVIE-GRANT, WILLIAM ROBERT, British Museum (Nat. Hist.), Cromwell Road, London, S. W. 7, England.....	1899
PALMÉN, DR. J. T., Helsingfors, Finland.....	1883
PHILLIPS, MONTAGU AUSTIN, Devonshire House, Reigate, Surrey, England.....	1919
RAMSDEN, DR. CHARLES T., Box 146, Guantanamo, Cuba.....	(1912)1918
RINGER, FREDERIC, Nagasaki, Japan.....	1888
RINTOUL, Miss LEONORE JEFFREY, Lahill Largo, Fifeshire, Scotland	1919
ROBINSON, HERBERT C., Selangor State Museum, Kuala Lumpur, Federated Malay States.....	1918
SNETHLAGE, DR. EMILIA, Museu Goeldi, Pará, Brazil.....	1915
SWANN, H. KIRKE, 38 Great Queen St., Kingsway, London, W. C. 2, England.....	1919
SWYNNERTON, CHARLES FRANCIS MASSY, Gungunyana, Melsetter, South Rhodesia.....	1918
THEEL, DR. JOHAN HJALMAR, University of Upsala, Upsala, Sweden..	1884
TICEHURST, NORMAN FREDERIC, 24 Pevensey Road, St. Leonards-on-Sea, Sussex, England.....	1918
TSCHUSI ZU SCHMIDHOFFEN, VICTOR, RITTER VON, Villa Tannenhof, bei Hallein, Salzburg, Austria .....	1884
UCHIDA, SEINOSUKE, No. 1, 1-chome Kitamachi, Aoyama, Tokyo, Japan .....	1919
WATERHOUSE, F. H., Zoöl. Soc. of London, Regents' Park, London, N. W., England.....	1889
WHITE, CAPT. SAMUEL ALBERT, Wetunga, Fulham, South Australia...1919	

WINGE, Dr. HERLUF, Univ. Zoöl. Museum, Copenhagen, Denmark...	1903
WITHERBY, HARRY FORBES, 12 Chesterford Gardens, Hampstead, London, N. W. 3, England.....	1916
WORCESTER, Prof. DEAN C., Manila, P. I.....	1903
ZELEDON, Don JOSÉ C., San José, Costa Rica.....	1884

## MEMBERS

ALLEN, ARTHUR A., McGraw Hall, Cornell Univ., Ithaca, N. Y.(1909)1914	
ALLEN, FRANCIS H., 4 Park St., Boston, Mass.....	(1888)1901
ALLEN, DR. GLOVER M., 234 Berkeley St., Boston, Mass.....	(1896)1904
ANDERSON, DR. RUDOLPH M., Mus. Geol. Survey, Ottawa, Canada.	
	(1907)1914
ATTWATER, H. P., 2120 Genesee St., Houston, Texas.....	(1891)1901
BAILEY, VERNON, 1834 Kalorama Ave., Washington, D. C.....	(1887)1901
BAILEY, MRS. VERNON. 1834 Kalorama Ave., Washington, D.C.(1885)	1901
BAILY, WILLIAM L., 220 E. Lancaster Ave., Ardmore, Pa.....	(1886)1901
BARBOUR, DR. THOMAS, Mus. Comp. Zoölogy, Cambridge, Mass.	
	(1903)1914
BARTSCH, Prof. PAUL, U. S. Nat. Museum, Washington, D. C..(1896)	1902
BECK, ROLLO HOWARD, R. D. 288, San José, Calif.....	(1894)1917
BERGTOLD, DR. W. H., 1159 Race St., Denver, Colo.....	(1889)1914
BOND, FRANK, 3127 Newark St., N. W., Washington, D. C....(1887)	1901
BOWLES, JOHN HOOPER, The Woodstock, Tacoma, Wash.....	(1891)1910
BRAISLIN, DR. WILLIAM C., 425 Clinton Ave., Brooklyn, N. Y.(1894)	1902
BROOKS, ALLAN, Okanagan Landing, B. C.....	(1902)1909
BROOKS, WM. SPRAGUE, 234 Berkeley St., Boston, Mass.....	(1907)1917
BRYAN, WILLIAM ALANSON, College of Hawaii, Honolulu, Hawaiian Islands.....	(1898)1901
BRYANT, DR. HAROLD CHILD, Mus. Vert. Zoöl., Berkeley, Calif.(1913)	1918
BURNS, FRANK L., Berwyn, Pa.....	(1891)1901
BUTLER, AMOS W., 52 Downey Ave., Irvington, Indianapolis, Ind.	
	(1885)1901
CHAMBERS, W. LEE, Box 4, Eagle Rock, Calif.....	(1907)1913
CHAPIN, JAMES P., Amer. Mus. Nat. Hist., New York, N. Y..(1906)	1917
CHERRIE, GEORGE K., Newfane, Vt. (1891-1912).....	(1917)1918
CLARK, DR. HUBERT LYMAN, Mus. Comparative Zool. Cambridge, Mass. .....	(1886)1902
DAGGETT, FRANK S., Museum, Exposition Park, Los Angeles, Calif.	
	(1889)1901
DAWSON, WM. L., R. D. 3, Box 110, Santa Barbara, Calif.....	(1895)1905
DEANE, WALTER, 29 Brewster St., Cambridge, Mass.....	(1897)1901
EATON, Prof. ELON HOWARD, 678 Main St., Geneva, N. Y....(1895)	1907

- EVERMANN, Prof. BARTON W., Calif. Acad. Sci., San Francisco, Calif. (1883)1901
- FARLEY, JOHN A., 52 Cedar St., Malden, Mass. .... (1904)1919
- FINLEY, WILLIAM L., 651 East Madison St., Portland, Ore. .... (1904)1907
- GAULT, BENJAMIN TRUE, 2313 Washington Blv'd., Chicago, Ill. (1885)1903
- GOLDMAN, EDWARD A., Biological Survey, Washington, D. C. (1897)1902
- GRISCOM, LUDLOW, 37 5th Ave., New York, N. Y. .... (1908)1918
- HARPER, FRANCIS, 3101 24th St., N. E., Washington, D. C. .... (1907)1917
- \*HARRIS, HARRY, Kansas City, Mo. .... (1911)1919
- HERRICK, Prof. FRANCIS H., Adelbert College, Cleveland, O. .... (1913)1919
- HERSEY, F. SEYMOUR, 6 Maple Ave., Taunton, Mass. .... (1911)1916
- HOFFMAN, RALPH, Siamasia, Montecito, Santa Barbara, Calif. (1893)1901
- HOLLISTER, NED, Nat. Zoölogical Park, Washington, D. C. .... (1894)1910
- HOWELL, A. BRAZIER, 268 S. Orange Grove Ave., Pasadena, Calif. (1909)1916
- HOWELL, ARTHUR H., 2919 S. Dakota Ave., Washington, D. C. (1889)1902
- JACOBS, J. WARREN, 404 S. Washington St., Waynesburg, Pa. .... (1889)1904
- JEFFRIES, WILLIAM A., 11 Pemberton Square, Boston, Mass. .... (1883)1901
- JOB, HERBERT K., 291 Main St., West Haven, Conn. .... (1896)1901
- KALMBACH, EDWIN R., Biological Survey, Washington, D. C. .... (1910)1915
- \*KENNARD, F. H., Dudley Road, Newton Centre, Mass. .... (1892)1912
- KNOWLTON, F. H., U. S. Nat. Mus., Washington, D. C. .... (1883)1902
- LAW, J. EUGENE, Mus. Vert. Zoöl., Berkeley, Calif. .... (1907)1916
- MACKAY, GEORGE H., 304 Bay State Road, Boston, Mass. .... (1890)1901
- MAILLIARD, JOHN W., 230 California St., San Francisco, Calif. (1895)1901
- MOORE, ROBERT THOMAS, Onawa, Me. .... (1898)1914
- MORRIS, GEORGE SPENCER, Olney, Philadelphia, Pa. .... (1887)1903
- MORRIS, ROBERT O., 82 Temple St., Springfield, Mass. .... (1888)1904
- MURDOCH, JOHN, 16 High Rock Way, Allston, Mass. .... (1883)1901
- MURPHY, ROBERT C., Museum Brooklyn Institute, Eastern Parkway, Brooklyn, N. Y. .... (1905)1914
- NICHOLS, JOHN T., Am. Mus. Nat. Hist., New York, N. Y. .... (1901)1914
- NORTON, ARTHUR H., Mus. Nat. Hist., 22 Elm St., Portland, Me. (1890)1902
- PEARSON, T. GILBERT, 1974 Broadway, New York, N. Y. .... (1891)1902
- PENARD, THOMAS E., 12 Norfolk R'd, Arlington, Mass. .... (1912)1919
- PETERS, JAMES LEE, Harvard, Mass. .... (1904)1918
- PHILLIPS, Dr. JOHN C., Wenham, Mass. .... (1904)1912
- PREBLE, EDWARD A., Biological Survey, Washington, D. C. .... (1892)1901
- RATHBURN, SAMUEL F., 304 Marion Bldg., Seattle, Wash. .... (1893)1902
- RHOADS, SAMUEL N., 81 Haddon Ave., Haddonfield, N. J. .... (1885)1901
- RIVES, Dr. WILLIAM C., 1702 Rhode Island Ave., Washington, D. C. (1885)1901
- ROBINSON, Col. WIRT, U. S. A., West Point, N. Y. .... (1897)1901
- SETON, ERNEST THOMPSON, Greenwich, Conn. .... (1883)1901
- \*SHERMAN, Miss ALTHEA R., National via McGregor, Iowa.... (1907)1912

*SHIRAS, Hon. GEORGE, 3d, Stoneleigh Court, Washington, D.C(1907)1915	
STEPHENS, FRANK, Nat. Hist. Museum, Balboa Park, San Diego, Calif.	(1883)1901
STRONG, Dr. REUBEN M., 706 S. Lincoln St., Chicago, Ill.....	(1889)1903
*SWALES, BRADSHAW HALL, U.S. Nat. Mus., Washington, D.C.(1902)1909	
THAYER, JOHN ELIOT, Lancaster, Mass.....	(1898)1905
TOWNSEND, Dr. CHARLES H., Aquarium, Battery Park, New York, N. Y. ....	(1883)1901
TOWNSEND, Dr. CHARLES WENDELL, 98 Pinckney St., Boston, Mass.	(1901)1905
TROTTER, Dr. SPENCER, Swarthmore College, Swarthmore, Pa.(1888)1901	
TYLER, Dr. WINSOR M., 522 Mass. Ave., Lexington, Mass.....	(1912)1917
WARREN, EDWARD ROYAL, 1511 Wood Ave., Colorado Springs, Colo.	(1902)1910
WAYNE, ARTHUR T., Mt. Pleasant, S. C.....	(1905)1906
WILLETT, GEORGE, 2123 Court St., Los Angeles, Calif.....	(1912)1913
WILLIAMS, ROBERT WHITE, Dept. Agric., Washington, D. C... (1900)1918	
WOLCOTT, Dr. ROBERT H., State University, Lincoln, Neb....	(1901)1903
WOOD, NORMAN A., Museum Univ. of Mich. Ann Arbor, Mich.(1904)1912	
WRIGHT, Dr. ALBERT H., Upland R'd, Ithaca, N. Y.....	(1906)1919
WRIGHT, Mrs. MABEL OSGOOD, Fairfield, Conn.....	1895(1901)

## ASSOCIATES

ABBOTT, CLINTON GILBERT, Orchard Hill, Rhinebeck, N. Y.....	1898
ABBOTT, Miss FLORENCE I., Upland Road, Andover, Mass.....	1917
ABBOTT, Miss HARRIET, Fryeburg, Me.....	1918
ADAMS, BENJAMIN, Wethersfield, Conn.....	1911
ADAMS, Dr. Z. B., 43 Cottage Farm Rd., Longwood, Mass.....	1908
ADELMANN, HOWARD BERNHARDT, 221 Spring St., Buffalo, N. Y.....	1919
AIKEN, Hon. JOHN, Superior Court, Court House, Boston, Mass.....	1905
AIMAR, Dr. CHARLES PONS, 4 Vanderhorst St., Charleston, S. C.....	1916
ALBRIGHT, HORACE MARDEN, Yellowstone Park, Wyo.....	1919
*ALEXANDER, Miss ANNIE M., Suisun City, Calif.....	1911
ALEXANDER, EDWARD GORDON, 1603 South St., Lexington, Mo.....	1919
ALLAMAN, RANSOM PERRY, R. D. 4, Bedford, Pa.....	1918
ALLEN, Mrs. AMELIA SANBORN, 37 Mosswood Rd., Berkeley, Calif..	1919
ALLEN, ARTHUR F., Sioux City, Iowa.....	1919
ALLEN, MARY P., 206 Moore St., Hackettstown, N. J.....	1913
ALMY, Mrs. CHARLES, 147 Brattle St., Cambridge, Mass.....	1919

\* Life Member.

ANDERSON, EDWIN C., Dell's Rapids, S. D.....	1919
ANDERSON, ERNEST M., Provincial Museum, Victoria, B. C.....	1915
ANDERSON, Mrs. J. C., Great Barrington, Mass.....	1903
ANDREWS, WILLIAM, Courtney, Jackson Co., Mo.....	1919
ANGELL, WALTER A., 135 Mathewson St., Providence, R. I.....	1901
ANTHONY, H. E., Amer. Mus. Nat. Hist., New York, N. Y.....	1911
APPEL, W. D., 4119 Houston Ave., Norwood, Ohio.....	1917
ARMITAGE, LUCIUS, 282 E. 162 St., New York, N. Y.....	1918
ARMSTRONG, EDWARD E., 2249 Calumet Ave., Chicago, Ill.....	1904
ARNOLD, EDWARD, Grand Trunk R'y., Montreal, Quebec.....	1894
ARNOLD, Dr. W. W., 504 N. Nevada Ave., Colorado Springs, Colo.....	1910
ARTHUR, EDMUND WAITE, Cheswick, Pa.....	1919
ARTHUR, STANLEY CLISBY, 1109 Henry Clay Ave., New Orleans, La.....	1916
ASPINWALL, MTS. CLARENCE A., 1839 Wyoming Ave., Washington, D. C.....	1916
ATHERTON, EDWARD H., 82 Ruthven St., Grove Hall, Mass.....	1917
AVERRILL, CHARLES KETCHUM, 406 Stratford Ave., Bridgeport, Conn.	1919
AYRES, Miss MARY ADELINE, 119 High St., Medford, Mass.....	1915
BABCOCK, DEAN, Long's Peak, Colo.....	1911
BABCOCK, HAROLD LESTER, Woodleigh Road, Dedham, Mass.....	1916
BACHRACH, Mrs. BENJAMIN, 1437 West Main St., Decatur, Ill.....	1918
BACON, FRANCIS L., 236 Winona Ave., Germantown, Pa.....	1917
BADÉ, Dr. WM. FREDERIC, 2616 College Ave., Berkeley, Calif.....	1916
BADGER, ARTHUR C., 167 Dudley Road, Newton Centre, Mass.....	1917
BAGG, AARON C., 70 Fairfield Ave., Holyoke, Mass.....	1916
BAGG, EGBERT, JR., 27 Sunset Place, Utica, N. Y.....	1916
BAGG, JOHN LEONARD, 89 Lexington Ave., Holyoke, Mass.....	1918
BAILEY, ALFRED M., La. State Mus., New Orleans, Louisiana.....	1918
BAILEY, Prof. GUY A., Geneseo, N. Y.....	1910
BAILEY, SAMUEL WALDO, 64 S. Mountain Rd., Pittsfield, Mass.....	1909
BAIRD, Miss KATHERINE BRUCE, 815 Webster St., N. W., Washington, D. C.....	1918
BAKER, JOHN H., 1007 Riverside Drive, Dayton, Ohio.....	1911
BALDWIN, S. PRENTISS, 2930 Prospect Ave., Cleveland, Ohio.....	1917
BALES, DR. BLENN R., 149 W. Main St., Circleville, Ohio.....	1907
BALL, Mrs. BENNET F., Oakville, Conn.....	1905
BALL, EDWARD M., East Falls Church, Va.....	1918
BALL, DR. JAS. P., 5001 Frankford Ave., Philadelphia, Pa.....	1911
BARBOUR, Rev. ROBERT, Y. M. C. A., Montclair, N. J.....	1902
BARKER, Miss HELEN, 421 E. Adams St., Sandusky, O.....	1918
BARNARD, Judge JOB, 1401 Fairmont St., Washington, D. C.....	1886
BARNES, CLAUDE T., 359 Tenth Ave., Salt Lake City, Utah.....	1908
BARNES, Hon. R. MAGOON, Lacon, Ill.....	1889
BARRETT, CHAS. H. M., 1339 Valley Place, S. E., Washington, D. C.	1912
BARRETT, HAROLD LAWRENCE, 172 Huntington Ave., Boston, Mass.	1909
BARRY, Miss ANNA K., 5 Bowdoin Ave., Dorchester, Mass.....	1907

BARTLETT, Miss MARY F., 227 Commonwealth Ave., Boston, Mass..	1912
BARTRAM, EDWIN B., 200 N. 3rd St., Philadelphia, Pa.....	1913
BASSETT, FRANK NEWTON, 1338 8th St., Alameda, Calif.....	1919
BATCHELOR, MARION C., 27 Janssen Pl., Kansas City, Mo.....	1916
BATES, Rev. J. M., Red Cloud, Neb.....	1918
BATTEN, GEORGE, Elm Meadow Farm, Caldwell, N. J.....	1914
BAYNES, ERNEST HAROLD, Meriden, N. H.....	1918
BECKFORD, ARTHUR W., 10 Park St., Danvers, Mass.....	1919
BELL, Dr. W. B., Biological Survey, Washington, D. C.....	1912
BENNETT, Rev. GEORGE, Iowa City, Iowa.....	1913
BENNETTS, WILLIAM J., 1941 1st St., N. W., Washington, D. C.....	1901
BERMAN, DANIEL, 70 Morningside Drive, New York, N. Y.....	1919
BICKNELL, Mrs. F. T., 319 S. Normandie Ave., Los Angeles, Calif.....	1913
BIDDLE, Miss EMILY WILLIAMS, 2201 Sansom St., Philadelphia, Pa.....	1898
BIGELOW, Mrs. A. P., Ogden, Etah.....	1919
BIGELOW, Dr. LYMAN F., 80 Winter St., Norwood, Mass.....	1914
BISHOP, SHERMAN C., N. Y. State Museum, Albany, N. Y.....	1919
BLACK, ANDREW A., Margaret, Man., Canada.....	1919
BLACKWELDER, ELIOT, 317 Railway Exch. Bldg., Denver, Colo.....	1895
BLOOMFIELD, Mrs. C. C., 723 Main St., W. Jackson, Mich.....	1901
BOARDMAN, Miss E. D., 416 Marlborough St., Boston, Mass.....	1906
BODINE, Mrs. DONALDSON, 4 Mills Place, Crawfordsville, Ind.....	1916
BOEHNER, REGINALD STEPHEN, Syracuse Univ., Syracuse, N. Y.....	1919
BOGARDUS, Miss CHARLOTTE, Elm St., Coxsackie, N. Y.....	1909
BOLLES, Mrs. FRANK, 6 Berkeley St., Cambridge, Mass.....	1912
BOLT, BENJAMIN FRANKLIN, 1421 Prospect Ave., Kansas City, Mo..	1909
BOND, HARRY L., Lakefield, Minn.....	1908
BONFILS, FREDERICK G., The Denver Post, Denver, Colo.....	1918
BORLAND, Wm. G., 7 Wall St., New York, N. Y.....	1911
BOSSON, CAMPBELL, 30 State St., Boston, Mass.....	1906
*BOULTON, Wm. B., Morristown Trust Co., Morristown, N. J.....	1919
BOURNE, THOMAS L., Hamburg, N. Y.....	1913
BOWDISH, B. S., Demarest, N. J.....	1891
BOWDISH, Mrs. B. S., Demarest, N. J.....	1902
BOWDITCH, Dr. HAROLD, 44 Harvard Ave., Brookline, Mass.....	1900
BOWDITCH, JAMES H., 903 Tremont Bldg., Boston, Mass.....	1913
BOYD, Mrs. HARRIET T., 17 Marsh St., Dedham, Mass.....	1917
BOYLE, HOWARTH S., Amer. Mus. Nat. Hist., New York, N. Y.....	1916
BRACKEN, Mrs. HENRY M., 1010 Fourth St., S.E., Minneapolis, Minn.	1897
BRADBURY, W. C., 1440 Race St., Denver, Colo.....	1915
BRADLEE, THOMAS STEVENSON, South Sudbury, Mass.....	1902
BRANDRETH, COURTNEY, Ossining, N. Y.....	1905
*BRANDRETH, FRANKLIN, Ossining, N. Y.....	1889

---

\* Life Associate.

BRANDT, HERBERT W., 2025 East 88th St., Cleveland, Ohio.....	1915
BRANNON, PETER A., Box 358, Montgomery, Ala.....	1919
BREDER, CHAS. M., JR., Inquiry Div., Bureau Fisheries, Washington, D. C.....	1919
BREWSTER, Mrs. WILLIAM, 145 Brattle St., Cambridge, Mass.....	1912
BRIDGE, EDMUND, 52 Wyman St., West Medford, Mass.....	1910
*BRIDGE, Mrs. EDMUND, 52 Wyman St., West Medford, Mass.....	1902
BRIGGS, HARRY T., 5 Hoffman Ave., Poughkeepsie, N. Y.....	1919
BRIMLEY, H. H., State Museum, Raleigh, N. C.....	1904
BRITTON, Capt. G. S., 807 Walnut Ave., Syracuse, N. Y.....	1913
BROCKWAY, ARTHUR W., Hadlyme, Conn.....	1912
BROOKS, Rev. EARLE AMOS, 10 Beacon St., Everett, Mass.....	1892
BROOKS, GORHAM, 60 State St., Boston, Mass.....	1919
BROWN, Miss ANNIE H., 31 Maple St., Stoneham, Mass.....	1909
BROWN, Miss BERTHA L., 53 Court St., Bangor, Me.....	1918
BROWN, EDWARD J., 1609 S. Van Ness Ave., Los Angeles, Calif.....	1891
BROWN, G. FRANKLIN, "Stonebridge," Needham, Mass.....	1917
BROWN, HARRY A., 40 Talbot St., Lowell, Mass.....	1912
BROWN, Mrs. HENRY TEMPLE, Lancaster, Mass.....	1912
BROWN, PHILIP G., 85 Vaughan St., Portland, Me.....	1911
BROWN, ROY M., Boone, N. C.....	1919
BROWN, STEWARDSON, 20 E. Penn St., Germantown, Philadelphia, Pa.....	1895
BROWN, WM. JAMES, 250 Oliver Ave., Westmount, Quebec.....	1908
BROWNING, WM. HALL, 16 Cooper Square, New York, N. Y.....	1911
BRUEN, FRANK, 69 Prospect St., Bristol, Conn.....	1908
BRUMBAUGH, CHALMERS S., 1020 Cathedral St., Baltimore, Md.....	1916
*BRUUN, CHAS. A., 314 Reliance Bldg., Kansas City, Mo.....	1919
BUCHANAN, ROLLIN E., Excelsior, Minn.....	1918
BUNKER, CHARLES D., Kansas University Museum, Lawrence, Kan.....	1916
BURGESS, JOHN KINGSBURY, "Broad Oak," Dedham, Mass.....	1898
BURGESS, THORNTON WALDO, 61 Washington R'd., Springfield, Mass.....	1919
BURLEIGH, THOS. D., 825 N. Negley Ave., Pittsburg, Pa.....	1913
BURNETT, WILLIAM L., State Agric. College, Fort Collins, Colo.....	1895
BURNHAM, STEWART HENRY, Hudson Falls, N. Y.....	1919
BURTCHE, VERDI, Branchport, N. Y.....	1903
BUSHINGER, Miss MARY G., Monte Vista, Colo.....	1919
BUTLER, Miss VIRGINIA, Stockbridge, Mass.....	1919
BUTTERWORTH, FRANK SEILER, Choate School, Wallingford, Conn.....	1918
BUZZELL, Mrs. JAS. C., 11 Hudson St., Bangor, Me.....	1918
BYRD, Mrs. HIRAM, Oxford, Miss.....	1918
CADUC, EUGENE E., 512 Massachusetts Ave., Boston, Mass.....	1910
CADY, Prof. WALTER GUYTON, 49 High St., Middletown, Conn.....	1916
CAHN, ALVIN R., 4720 Greenwood Ave., Chicago, Ill.....	1917

---

\* Life Associate.

CALLENDER, JAMES PHILIPS, 32 Broadway, New York, N. Y.....	1903
CALVERT, EARL W., c/o. J. W. Noble, Harrow, Ont., Canada.....	1919
CAMPBELL, Mrs. EDITHA S., 263 W. 7th St., Erie, Pa.....	1917
CAMPINI, CHAS A., 154 E. 33rd St., New York, N. Y.....	1919
CANTWELL, GEO. G., 901 W. Main Ave., Puyallup, Wash.....	1916
CAPLING, MISS ETHEL B., Wiseton, Sask.....	1918
CARPENTER, REV. CHARLES KNAPP, 1724 Sunnyside Ave., Chicago, Ill.....	1894
CARPENTER, GEORGE I., 129 Dean St., Brooklyn, N. Y.....	1907
CARRIGER, H. W., 5185 Trask St., Fruitvale Station, Oakland, Calif.....	1913
CARROLL, Mrs. OLIVIA GARNSEY, Rutland, Mass.....	1918
CARRYL, FRANK M., 20 Burnett St., Maplewood, N. J.....	1919
CARTER, JOHN D., Lansdowne, Pa.....	1907
CASH, HARRY A., 420 Hope St., Providence, R. I.....	1898
CASWELL, Mrs. ARTHUR E., 241 Union St., Athol, Mass.....	1918
CHAMBERLAIN, CHAUNCY W., 36 Lincoln St., Boston, Mass.....	1885
CHAPMAN, Mrs. F. M., Englewood, N. J.....	1908
CHASE, RICHARD MORTON, 164 Westminster R'd., Rochester, N. Y.....	1919
CHASE, SIDNEY, 25 Ames Bldg., Boston, Mass.....	1904
CHEESMAN, MORTON R., 2703 Ocean Front, Ocean Park, Calif.....	1911
CHILD, HENRY EVERETT, 864 Broadway, E. Providence, R. I.....	1919
CLAGET, CHAS W., Washington College, Chestertown, Md.....	1918
CLARK, AUSTIN HOBART, 1818 Wyoming Ave., Washington, D. C.....	1919
CLARK, CLARENCE H., Lubec, Me.....	1913
CLARK, JOSIAH H., 238 Broadway, Paterson, N. J.....	1895
CLARKE, CHARLES E., 51 Summit R'd., Medford, Mass.....	1907
CLARKE, Miss HARRIET E., 9 Chesnut St., Worcester, Mass.....	1896
CLARKE, Miss MARY S., Silver Springs, Md.....	1916
CLARKE, Miss ROWENA A., Kirkwood, Mo.....	1919
CLEAVES, HOWARD H., Conservation Comm., Albany, N. Y.....	1907
CLEMENTS, Miss JENNIE, 508 S. Main St., Independence, Mo.....	1919
CLEVELAND, Dr. CLEMENT, 925 Park Ave., New York, N. Y.....	1903
CLEVELAND, Miss LILIAN, Woods Edge R'd., West Medford, Mass.....	1906
COALE, HENRY K., Highland Park, Ill.....	1883
COBB, Miss ANNIE W., 72 Oxford St., Arlington, Mass.....	1909
COBB, PHILIP HACKER, Loomis Inst., Windsor, Conn.....	1917
COBB, Dr. STANLEY, Ponkapog, Mass.....	1909
COFFIN, Mrs. PERCIVAL B., 3232 Ellis Ave., Chicago, Ill.....	1905
COFFIN, ROBERT L., Mass. Agric'l Exp. Sta., Amherst, Mass.....	1917
COGGINS, HERBERT L., 2929 Piedmont Ave., Berkeley, Calif.....	1913
COLBURN, ALBERT E., 806 S. Broadway, Los Angeles, Calif.....	1891
COLE, Dr. LEON J., College of Agric., Univ. of Wis., Madison, Wis.....	1908
COMMONS, Mrs. F. W., 608 Chamber of Commerce, Minneapolis, Minn.....	1902
CONE, Mrs. HENRY F., 4 Trinity St., Hartford, Conn.....	1917
CONGER, ALLEN C., Box 561 E. Lansing, Mich.....	1919
CONGER, PAUL SIDNEY W., Prairie du Sac, Wis.....	1918

COOK, FREDERICK W., 1604 East Harrison St., Seattle, Wash.....	1915
COOK, Miss LILIAN GILLETTE, Long Lea Farm, Amherst, Mass.....	1899
COOKE, Miss MAY THACHER, 1328 Twelfth St., Washington, D. C.....	1915
COOLIDGE, PHILIP T., 31 Central St., Bangor, Me.....	1919
COPE, FRANCIS R., Jr., Dimock, Pa.....	1892
COPELAND, Miss ADA B., 1103 White Ave., Grand Junction, Colo....	1917
COPELAND, MANTON, 88 Federal St., Brunswick, Me.....	1900
COURSEN, BLAIR, Univ of Chicago, Chicago, Ill.....	1918
COURT, EDWARD J., 1723 Newton St., N. W., Washington, D. C.....	1919
COVELL, Dr. HENRY H., 1600 East Ave., Rochester, N. Y.....	1918
COX, RODMAN DAYTON, Y. M. C. A., Rochester, N. Y.....	1919
CRAIG, WALLACE, Univ. of Maine, Orono, Me.....	1912
CRAM, R. J., 26 Hancock Ave., W., Detroit, Mich.....	1893
CRANDALL, LEE S., N. Y. Zool. Park, New York, N. Y.....	1909
CRANE, Miss CLARA L., Dalton, Mass.....	1904
CRANE, Mrs. ZENAS, Dalton, Mass.....	1904
CRAVEN, ALLAN B., 3 Spruce St., Boston, Mass.....	1919
CRIDDLE, NORMAN, Trusbank, Man.:.....	1918
CROCKETT, Rev. GEO. R., Dixon, S. D.....	1919
CROSBY, MAUNSELL S., Rhinebeck, N. Y.....	1904
CROSS, ALBERT ASHLEY, Huntington, Mass.....	1918
CROWELL, Miss J. OLIVIA, Dennis, Mass.....	1918
CUDWORTH, WARREN H., Assonet, Mass.....	1919
CUMMINGS, Miss EMMA G., 16 Kennard Road, Brookline, Mass.....	1903
CUNNINGHAM, J. WALTER, 3009 Dunham Ave., Kansas City, Mo.....	1919
CURRIER, EDMONDE SAMUEL, 416 E. Chicago St., Portland, Ore.....	1894
CURRIE, ROLLO P., 632 Keefer Pl., Washington, D. C.....	1895
CURRY, HASKELL BROOKS, 60 Bay State Road, Boston, Mass.....	1916
CURTIS, CHARLES P., 244 Beacon St., Boston, Mass.....	1915
CURTIS, ROY Q., Jr., 11 W. 76th St., New York, N. Y.....	1919
CUSHMAN, Miss ALICE, 919 Pine St., Philadelphia, Pa.....	1910
DANE, Mrs. ERNEST B., Ches'nut Hill, Mass.....	1912
DANFORTH, STUART T., 115 N. 6th Ave., New Brunswick, N. J.....	1916
DANIELS, EDWARD S., 3869 A Conn. Ave., St. Louis, Mo.....	1919
DAVENPORT, Mrs. ELIZABETH B., Brattleboro, Vt.....	1898
DAY, CHESTER SESSIONS, 15 Custom House St., Boston, Mass.....	1897
DEAN, F. ROY, 3465 S. Spring Ave., St. Louis, Mo.....	1919
DEAN, R. H., 720 Quintard Ave., Anniston, Ala.....	1913
DEANE, GEORGE CLEMENT, 80 Sparks St., Cambridge, Mass.....	1899
DEARBORN, SAMUEL S., 9 Massachusetts Ave., Boston, Mass.....	1919
DECKER, HAROLD K., 1848 Washington Ave., New York, N. Y.....	1916
DELOACH, R. J. H., 10154 Longwood Drive, Chicago, Ill.....	1910
DENSMORE, Miss MABEL, 910 4th St., Red Wing, Minn.....	1910
DENT, PAUL, 3714 West Pine B'lv'd, St. Louis, Mo.....	1919
DERBY, RICHARD, 116 E. 79th St., New York, N. Y.....	1898
DEWEY, Dr. CHARLES A., 78 Plymouth Ave., Rochester, N. Y.....	1900

DEXTER, Prof. JOHN SMITH, Univ. Sask., Saskatoon, Sask.....	1919
DEXTER, LEWIS, 1889 Elm St., Manchester, N. H.....	1915
DICE, LEE RAYMOND, Mus. Zool., Ann Arbor, Mich.....	1918
DICKEY, DONALD R., San Rafael Heights, Pasadena, Calif.....	1907
DILLE, FREDERICK M., Niobrara Reservation, Valentine, Neb.....	1892
DINGS, McCLELLAND, 5715 Enright Ave., St. Louis Mo.....	1919
DIONNE, C. E., Laval University, Quebec, Canada.....	1893
DIXON, FREDERICK J., 111 Elm Ave., Hackensack, N. J.....	1891
DIXON, JOSEPH S., Univ. of Cal., Berkeley, Calif.....	1917
DOANE, GILBERT HARRY, 113 Second St., Newport, R. I.....	1919
DONAHUE, RALPH J., Bonner Springs, Kan.....	1919
DRIER, THEODORE, 35 Remsen St., Brooklyn, N. Y.....	1919
DRUMMOND, Miss MARY, 510 Spring Lane, Lake Forest, Ill.....	1904
DUBOIS, ALEXANDER D., 560 W. Monroe St., Chicago, Ill.....	1918
DULL, Mrs. A. P. L., 211 N. Front St., Harrisburg, Pa.....	1900
DUNBAR, Miss LULA, R. D. 1, Elkhorn, Wis.....	1918
DURAND, Miss LAURA B., 11 Oriole Gardens, Toronto, Ont.....	1919
DURFEE, OWEN, Box 125, Fall River, Mass.....	1887
DURYEA, Miss ANNIE B., 62 Washington St., Newark, N. J.....	1911
DYKE, ARTHUR CURTIS, 205 Summer St., Bridgewater, Mass.....	1902
EARL, D. OSBOURNE, 17 Bates St., Cambridge, Mass.....	1919
EASTMAN, Major FRANCIS B., Camp Grant, Ill.....	1909
*EATON, HOWARD, Wolf, Sheridan Co., Wyo.....	1918
EATON, Miss MARY S., 8 Monument St., Concord, Mass.....	1909
EATON, SCOTT HARRISON, Box 653, Lawrenceville, Ill.....	1912
EDSON, JOHN M., Marietta Road, Bellingham, Wash.....	1886
EDSON, WM. L. G., 54 Fairview Ave., Rochester, N. Y.....	1916
EDWARDS, KATHERINE M., Wellesley College, Wellesley, Mass.....	1918
EHINGER, Dr. CLYDE E., 100 W. Rosedale Ave., West Chester, Pa.....	1904
EIFRIG, Prof. C. W. GUSTAVE, 504 Monroe Ave., Oak Park, Ill.....	1901
EIMBECK, Dr. AUGUST F., New Haven, Mo.....	1906
EKBLAW, SIDNEY E., R. F. D. 23, Rantoul, Ill.....	1918
EKBLAW, WALTER ELMER, 713 W. Washington Blv'd., Urbana, Ill.....	1911
ELDRIDGE, ARTHUR S., South Lincoln, Mass.....	1912
ELIOT, WILLARD AYRES, 1011 Thurman St., Portland, Ore.....	1918
ELLIOT, Mrs. J. W., 124 Beacon St., Boston, Mass.....	1912
ELLS, GEORGE P., Norwalk, Conn.....	1904
EMERSON, W. OTTO, Hayward, Calif.....	1916
EMMERICH, ROBERT D., 322 W. 100th St., New York, N. Y.....	1919
ENGLISH, Mrs. T. F., 3631 Campbell St., Kansas City, Mo.....	1919
ENO, HENRY LANE, Princeton, N. J.....	1918
ERICSEN, W. J., 2311 Barnard St., Savannah, Ga.....	1919
EVANS, Dr. EVAN M., 550 Park Ave., New York, N. Y.....	1916

---

\* Life Associate.

EVANS, WILLIAM B., Moorestown, N. J.....	1897
EYER, GEO. A., Short Hills, N. J.....	1918
FALGER, Mrs. WM., c/o. California Nat'l Bank, Modesto, Calif.....	1918
FAUST, CLARENCE, New Middletown, Ohio.....	1919
FAXON, ALLAN HART, 7 Edwards St., Southbridge, Mass.....	1916
*FAY, DUDLEY B., 287 Beacon St., Boston, Mass.....	1916
FAY, S. PRESCOTT, 53 State St., Boston, Mass.....	1907
FELGER, ALVA HOWARD, North Side High School, Denver, Colo.....	1898
FELL, Miss EMMA TREGO, 1534 N. Broad St., Philadelphia, Pa.....	1903
FIELD, Dr. GEORGE W., 2807 18th St., N. W., Washington, D.C.....	1910
FISHER, Miss ELIZABETH WILSON, 2222 Spruce St., Philadelphia, Pa.....	1896
FISHER, Dr. G. CLYDE, American Mus. Nat. Hist., New York, N. Y.....	1908
FLANAGAN, JOHN H., 89 Power St., Providence, R. I.....	1898
FLEISHER, EDWARD, 539 4th St., Brooklyn, N. Y.....	1916
FLETCHER, LYLE, Norton, Kan.....	1919
FLETCHER, Mrs. MARY E., Proctorsville, Vt.....	1898
FLOYD, CHARLES BENTON, 382 Wolcott St., Auburndale, Mass.....	1916
FOOT, Dr. NATHAN CHANDLER, Readville, Mass.....	1916
FOOTE, Miss F. HUBERTA, 260 Valentine Lane, Yonkers, N. Y.....	1897
FORBES, RALPH E., 328 Adams St., Milton, Mass.....	1917
FORD, LEE M., Box 8, Great Falls, Mont.....	1919
FORD, Miss LOUISE PETIGRU, "The Heights," Aiken, S. C.....	1919
FORDYCE, GEO. L., 40 Lincoln Ave., Youngstown, Ohio.....	1901
FOSTER, FRANCIS A., Edgartown, Mass.....	1918
FOSTER, FRANK B., Haverford, Pa.....	1916
FOWLER, FREDERICK HALL, 221 Kingsley Ave., Palo Alto, Calif.....	1892
FOWLER, HENRY W., Acad. Nat. Sciences, Philadelphia, Pa.....	1898
FOX, Dr. WILLIAM H., 1826 Jefferson Place, Washington, D. C.....	1883
FRANCIS, NATHANIEL A., 35 Davis Ave., Brookline, Mass.....	1914
FRASER, DONALD, Johnstown, N. Y.....	1902
FREEMAN, Miss HARRIET E., 37 Union Park, Boston, Mass.....	1903
FRENCH, CHARLES H., Canton, Mass.....	1904
FRENCH, Mrs. CHAS H., Canton, Mass.....	1908
FROST, ALLEN, c. o. Trussell Mfg. Co., Poughkeepsie, N. Y.....	1919
FROTHINGHAM, Mrs. RANDOLPH, 113 Commonwealth Ave., Boston, Mass.....	1913
FRY, Rev. HENRY J., 66 Eagle Rock Way, Montclair, N. J.....	1916
*FUGUET, HOWARD, 312 Bullitt Bldg., Philadelphia, Pa.....	1919
FULLER, HENRY C., 1348 Euclid St., Washington, D. C.....	1916
FULLER, Mrs. T. OTIS, Needham, Mass.....	1909
GABRIELSON, IRA N., 220 P. O. Bldg., Portland, Ore.....	1912
GANIER, ALBERT F., 2507 Ashwood Ave., Nashville, Tenn.....	1917

---

\* Life Associate.

GARDINER, CHARLES BARNES, 175 W. Main St., Norwalk, Ohio.....	1903
GARDNER, ASTON COLEBROOK, 1805 Market St., Wilmington, Del....	1919
GARDNER, JAMES H., 626 Kennedy Bldg., Tulsa, Okla.....	1919
GARST, DR. JULIUS, 29 Oread St., Worcester, Mass.....	1916
GASTON, DR. P. K., Pratt, Kan.....	1919
GERTH, WALTER G., 3929 Greenview Ave., Chicago, Ill.....	1918
GERTKEN, PROF. SEVERIN, St. John's University, Collegeville, Minn..	1912
GIANINI, CHAS A., Poland, N. Y.....	1911
GIBSON, LANDGON, 5 Union St., Schenectady, N. Y.....	1887
GILBERT, MRS. F. M., Walpole, N. H.....	1919
GILMAN, M. FRENCH, Banning, Cal.....	1907
GLADDING, MRS. JOHN R., 30 Stimson Ave., Providence, R. I.....	1912
GLEASON, MRS. C. H., 700 Madison Ave., S. E., Grand Rapids, Mich.	1917
GOELITZ, WALTER A., 376 Flower City Park, Rochester, N. Y.....	1916
GOLSAN, LEWIS S., Box 97, Prattville, Ala.....	1912
GOODE, MRS. F. B., Sharon, Mass.....	1918
GOODRICH, MISS JULIET T., 1210 Astor St., Chicago, Ill.....	1904
GORDON, HARRY E., 307 Laburnum Cres., Rochester, N. Y.....	1911
GORMLEY, A. LIGNORI, Box 345, Arnprior, Ont.....	1918
Gorst, CHARLES C., 28 Beauford R'd., Jamaica Plain, Boston, Mass.	1916
GOULD, JOSEPH E., Arcadia, Fla.....	1889
GRAHAM, Hon. WM. J., Aledo, Ill.....	1909
GRANGER, WALTER, Amer. Mus. Nat. Hist., New York, N. Y.....	1891
GRANT, MRS. ADELE LEWIS, Mo. Bot. Garden, St. Louis, Mo.....	1919
GRANT, WM. W., 600 Castle St., Geneva, N. Y.....	1910
GRAVES, MRS. CHARLES B., 4 Mercer St., New London, Conn.....	1905
GRAY, GEORGE M., Box 89, Woods Hole, Mass.....	1916
GREANOFF, Rev. ALBERT EDWARD, 220 Montgomery Ave., W. Pittston, Pa.....	1919
GREEN, HORACE OAKES, 114 North Ave., Wakefield, Mass.....	1917
GREENOUGH, HENRY VOSE, 1134 Beacon St., Brookline, Mass.....	1901
GREGORY, RAYMOND J., Princeton, Mass.....	1917
GREGORY, STEPHEN S., JR., 2609 Hampden St., Chicago, Ill.....	1916
GRIFFEE, WILLET E., Route 3, Corvallis, Ore.....	1919
GRIFFIN, BERTRAM S., 22 Currie Ave., Haverhill, Mass.....	1917
GROW, MRS. EUGENE J., Lebanon, N. H.....	1916
GUINOTTE, Judge JULES E., 1215 Manheim R'd., Kansas City, Mo.	1919
GUNTHORP, Prof. HORACE, Washburn College, Topeka, Kan.....	1919
HAAS, ROBERT C., 504 Swetland Bldg., Cleveland, Ohio.....	1919
HADLEY, ALDEN H., Monrovia, Ind.....	1906
HAGAR, J. A., Marshfield, Hills, Mass.....	1914
HAGER, GEO. W., R. F. D. 3, Peterboro, N. H.....	1917
HAILE, H. PENNINGTON, 28 Edwards St., Springfield, Mass.....	1919
HALL, F. GREGORY, Milton, Wis.....	1917
HALL, WM. WEBSTER, JR., 15 E. 75th St., New York, N. Y.....	1917
HALLINAN, THOMAS, 212 Madison Ave., Paterson, N. J.....	1919

HALLINEN, JOSEPH E., Coopertown, Okla.....	1919
HANDLEY, CHAS. O., Lewisburg, W. Va.....	1916
HANKINSON, THOS. LeRoy, N. Y. College of Forestry, Syracuse, N. Y.....	1897
HANNA, G. DALLAS, California Acad. Sci., San Francisco, Calif.....	1919
HANNA, WILSON CREAL, 1000 Pennsylvania Ave., Colton, Calif.....	1919
HARDISTY, ARTHUR H., 2326 First St., N. W., Washington, D. C.....	1918
HARDON, Mrs. HENRY W., Wilton, Conn.....	1905
HARRINGTON, Mrs. D. H., Lincoln, Mass.....	1919
HARRINGTON, RALPH M., 595 Ashland Ave., Buffalo, N. Y.....	1915
*HARRISON, GEO. L., Jr., 400 Chestnut St., Philadelphia, Pa.....	1919
HARRISON, HARRY MORGAN, 503 Linden St., Camden, N. J.....	1919
HARTLEY, GEO. INNESS, 344 W. 87th St., New York, N. Y.....	1919
HARTSHORN, HAROLD IRA, 53 S. 12th St., Newark, N. J.....	1918
HARVEY, Mrs. C. F., Vernon Hall, Kinston, N. C.....	1918
HARVEY, JOHN L., 3 Moody St., Waltham, Mass.....	1916
HASKELL, Miss SADIA, 1236 11th St., N. W., Washington, D. C.....	1916
HATHAWAY, HARRY S., Box 1466, Providence, R. I.....	1897
HAVEMEYER, H. O., Mahwah, N. J.....	1893
HAVEMEYER, H. O., Jr., Mahwah, N. J.....	1919
HEACOCK, Miss ESTHER, Wynccote, Pa.....	1918
HEALEY, ALDEN P., 2006 Northampton St., Holyoke, Mass.....	1919
HEDGES, CHAS. F., 221 N. 9th St., Miles City, Mont.....	1919
HELM, ARTHUR H., Miller Place, N. Y.....	1888
HEMPEL, Miss KATHLEEN, Elkader, Iowa.....	1919
HEMPHILL, ASHTON ERASTUS, Holyoke, Mass.....	1919
*HENDERSON, JOHN BROOKS, 16th St., & Florida Ave., N. W., Wash- ington, D. C.....	1918
HENDERSON, Judge JUNIUS, 627 Pine St., Boulder, Colo.....	1903
HENDERSON, WALTER C., 4727 13th St., N. W., Washington, D. C.....	1917
HENDRICKSON, W. F., 276 Hillside Ave., Jamaica, N. Y.....	1885
HENNESSEY, FRANK C., 457 Albert St., Ottawa, Ont.....	1914
HERMANN, THEODORE L., 273 Neal Dow Ave., New Brighton, N. Y.....	1916
*HERRICK, HAROLD, 123 William St., New York, N. Y.....	1905
HERRICK, NEWBOLD L., 60 Wall St., New York, N. Y.....	1913
HERRICK, N. LAWRENCE, Cedarhurst, N. Y.....	1917
HIGGINS, A. W., Sandwich, Mass.....	1918
HILL, JAMES HAYNES, Box 485, New London, Conn.....	1897
HILL, Mrs. THOMAS R., Box 491, Chautauqua, Chautauqua Co., N. Y.....	1903
HINCKLEY, GEO. LYMAN, Redwood Library, Newport, R. I.....	1912
HINE, Prof. JAMES STEWART, Ohio State Univ., Columbus, Ohio.....	1899
HIX, GEORGE E., 100 W. 91st St., New York, N. Y.....	1904

---

\* Life Associate.

HOLLAND, HAROLD MAY, Galesburg, Ill.....	1910
HOLLAND, DR. WILLIAM J., Carnegie Museum, Pittsburg, Pa.....	1899
HOLLISTER, G. B., 4 E. 5th St., New York, N. Y.....	1919
HOLLISTER, WARREN D., 821 Humboldt St., Denver, Colo.....	1901
HOLMAN, RALPH H., 481 Main St., Stoneham, Mass.....	1907
HOLT, ERNEST G., c/o. St'd Oil Co. of Brazil, Sao Paulo, Brazil.....	1911
HONYWILL, ALBERT W., Jr., 211 Ridgefield St., Hartford, Conn.....	1907
HORSFALL, ROBERT BRUCE, 1457 E. 18th St., Portland, Ore.....	1905
HORSEY, RICHARD E., Highland P'k Greenhouses, Reservoir Ave, Rochester, N. Y.....	1919
HOTCHKISS, NEIL, Marcellus, N. Y.....	1919
HOWLAND, R. H., 164 Wildwood Ave., Upper Montclair, N. J.....	1903
HOYT, WILLIAM H., Box 425, Stamford, Conn.....	1907
HUBBARD, C. ANDRESEN, 1249 E. Harrison St., Portland, Ore.....	1916
HUBBARD, PROF. MARIAN E., 15 Appleby Road, Wellesley, Mass.....	1916
HUBBARD, RALPH, 1038 University Ave., Boulder, Colo.....	1916
HUBER, WHARTON, 225 St. Marks Sq., Philadelphia, Pa.....	1915
HUGHES, GEO. T., Watchung, N. J.....	1919
HUNN, JOHN T. SHARPLESS, 1218 Prospect Ave., Plainfield, N. J.....	1895
HUNT, CHRESWELL JOHN, 5847 W. Superior St., Chicago, Ill.....	1919
HUNT, MISS LUCY O., 185 Beacon St., Hartford, Conn.....	1919
HUNT, RICHARD M., Mus. Vert. Zoöl., Berkeley, Calif.....	1918
HURD, MISS FRANCES A., 43 West Ave., S. Norwalk, Conn.....	1919
HUSHER, MRS. GERTRUDE H., 821 S. Hope St., Los Angeles, Calif.....	1918
HUSSEY, ROLAND F., Univ. of Minn., Minneapolis, Minn.....	1915
HYDE, MRS. S. E., Regina, Idaho.....	1918
HYSLOP, SAMUEL, 42 Bellevue St., Newton, Mass.....	1919
INGERSOLL, ALBERT M., 908 F St., San Diego, Calif.....	1885
ISHAM, CHAS B., 50 W. 67th St., New York, N. Y.....	1891
JACKSON, DR. HARTLEY H. T., Biological Survey, Washington, D. C. 1910	
JACKSON, RALPH W., R. D. 1, Cambridge, Md.....	1918
JACKSON, THOMAS H., 304 N. Franklin St., West Chester, Pa.....	1888
JAMES, NORMAN, Catonsville, Md.....	1913
JANVRIN, DR. E. R. P., 515 Park Ave., New York, N. Y.....	1919
JENKS, CHAS. W., Bedford, Mass.....	1912
JENNEY, Hon. CHARLES F., 100 Gordon Ave., Hyde Park, Mass.....	1905
JENNINGS, DR. GEO. H., Jewett City, Conn.....	1918
JENNINGS, RICHARD D., 129 Harrison St., East Orange, N. J.....	1913
JENSEN, J. K., U. S. Indian School, Santa Fe, N. Mex.....	1912
JEWETT, STANLEY G., Pendleton, Ore.....	1906
JOHNSON, Prof. CHAS. EUGENE, Dept. Zoöl., Kan. Univ., Lawrence, Kan. . . . .	1919
JOHNSON, FRANK E., 16 Amackassin Terrace, Yonkers, N. Y.....	1888
JOHNSON, MRS. GRACE PETTIS, Museum of Nat. Hist., Springfield, Mass. 1908	
JONES, DR. LOMBARD CARTER, Falmouth, Mass.....	1917
JONES, WILLIAM F., Norway, Me.....	1918

JORDAN, A. H. B., Everett, Wash.	1888
JUMP, Mrs. EDWIN R., 97 Oakleigh Road, Newton, Mass.	1910
JUNKIN, FRANCIS T. A., "Twin Oaks," Woodley Lane, Washington, D. C.	1917
KAEDING, GEO. L., Battle Mountain, Nev.	1918
KANE, Mrs. SUSAN MARY, Mich. Club Bldg., Seattle, Wash.	1919
KEAYS, JAMES EDWARD, 328 St. George St., London, Ontario.	1899
KELLOGG, RALPH T., Silver City, N. M.	1913
KELSO, Dr. JOHN E. H., Edgewood, Lower Arrow Lake, B. C.	1915
KENISTON, ALLAN, Vineyard Haven, Mass.	1917
KENNEDY, DR. HARRIS, Readville, Mass.	1916
KENT, DUANE E., 47 West St., Rutland, Vt.	1913
KENT, EDWARD G., 2595 Boulevard, Jersey City, N. J.	1919
KENT, EDWIN C., 156 Broadway, New York, N. Y.	1907
*KIDDER, NATHANIEL T., Milton, Mass.	1906
KILGORE, WILLIAM, Jr., 132 Orlin Ave., S. E., Minneapolis, Minn.	1906
KINGSBURY, FREDERICK S., 97 Oliver St., Boston, Mass.	1916
KING, LEROY, 20 E. 84th St., New York, N. Y.	1901
KINGMAN, ROBERT H., 11 S. Cedar Ave., Arverne, N. Y.	1919
KIRKHAM, Mrs. JAMES W., 275 Maple St., Springfield, Mass.	1904
*KIRKHAM, STANTON D., 152 Howell St., Canandaigua, N. Y.	1910
KIRKWOOD, FRANK C., R. F. D. 3, Monkton, Md.	1892
KIRN, ALBERT J. B., R. F. D. 4, Solomon, Kan.	1918
KITTREDGE, JOSEPH, Jr., Forest Service, Washington, D. C.	1910
KLOSEMAN, Miss JESSIE E., Beal Hall, 20 Charlesgate W., Boston, Mass.	1909
KLOTS, ALEXANDER, 125 W. 78th St., New York, N. Y.	1919
KNAEBEL, ERNEST, 3707 Morrison St., Chevy Chase, D. C.	1906
KNOHLHOFF, FERDINAND WILLIAM, Amityville, N. Y.	1890
KRETZMAN, Prof. P. E., 3337 A Oregon Ave., St. Louis, Mo.	1913
KUBICHEK, D. P., Biological Survey, Washington, D. C.	1919
KUSER, ANTHONY R., Bernardsville, N. J.	1908
KUSER, Mrs. ANTHONY R., Bernardsville, N. J.	1910
KUSER, JOHN DRYDEN, Bernardsville, N. J.	1910
LABRIE, JOSEPH D., 1717 E. 78th St., Kansas City, Mo.	1919
LACEY, HOWARD GEORGE, R. F. D. 1, Kerrville, Texas.	1899
LADD, HARRY STEPHEN, 4354 McPherson Ave., St. Louis, Mo.	1917
LA'DOW, STANLEY V., 622 W. 113th St., New York, N. Y.	1913
LAING, HAMILTON M., 1277 E. 32nd St., Portland, Ore.	1917
LAMB, CHAS R., 8 Highland St., Cambridge, Mass.	1912
LANCASHIRE, Mrs. JAMES HENRY, 7 East 75th St., New York, N. Y.	1909
LANG, HERBERT, Amer. Mus. Nat. Hist., New York, N. Y.	1907
LANGDON, ROY M., 958 N. Parkside Ave., Chicago, Ill.	1918

---

\* Life Associate.

LANO, ALBERT, Fayetteville, Ark.	1919
LARRABEE, Prof. AUSTIN P., Yankton College, Yankton, S. Dak.	1918
LASTRETO, C. B., 260 California St., San Francisco, Calif.	1919
LATHAM, ROY, Orient, N. Y.	1916
LAUGHLIN, J. A., Marshall, Mo.	1919
LAURENT, PHILIP, 31 E. Mt. Airy Ave., Philadelphia, Pa.	1902
LAWSON, RALPH, 88 Washington Sq. East, Salem, Mass.	1917
LEAVITT, Mrs. FLORENCE R., 42 Forest St., Lexington, Mass.	1919
LEE, LOHN C., Grove St., Wellesley, Mass.	1917
LEFFINGWELL, DANA J., Aurora, N. Y.	1919
LEISTER, CLAUDE W., McGraw Hall, Ithaca, N. Y.	1916
LEMAN, J. HOWARD, 48 Beacon St., Boston, Mass.	1919
LENGERKE, JUSTUS VON, 211 Highland Ave., Orange, N. J.	1907
LENSSEN, Miss RUBY, 53 Maple St., Englewood, N. J.	1919
LEOPOLD, ALDO, 135 S. 14th St., Albuquerque, N. Mex.	1916
LEOPOLD, NATHAN, Jr., 4754 Greenwood Ave., Chicago, Ill.	1916
LEVY, Mts. WILLIAM, Alton Bay, N. H.	1915
LEWIS, HARRISON F., P. O. Box 6, Quebec, Canada.	1912
LEWIS, Mrs. HERMAN E., 120 Grove St., Haverhill, Mass.	1912
LIEBOLD, ERNEST G., 94 Rhode I. Ave., Highland Park, Mich.	1918
LIGON, J. STOKLEY, Box 131, Albuquerque, New Mexico.	1912
LINCOLN, FREDERICK CHARLES, Biological Survey, Washington, D. C.	1910
LINDSAY, Dr. D. MOORE, 808 Boston Block, Salt Lake City, Utah.	1919
LINGS, GEO. H., Richmond Hill, Cheadle, Cheshire, England.	1913
LITTLE, LUTHER, 2nd, Cal. Acad. Sci., San Francisco, Calif.	1913
LLOYD, HOYES, 406 Queen St., Ottawa, Canada.	1916
LONG, CHAS. IRVING, 130 5th Ave., Roselle, N. J.	1918
LORD, J. ANDERSON, 13 Ash St., Danvers, Mass.	1919
LORD, THOMAS HENRY, Newington, N. H.	1916
LORING, J. ALDEN, Owego, N. Y.	1917
LOW, ETHELBERT I., 120 Broadway, New York, N. Y.	1907
LUCE, Mrs. FRANCIS P., Box 216, Vineyard Haven, Mass.	1912
LUM, EDWARD H., Chatham, N. J.	1904
LUNN, MISS MARGARET A., 1724 T St., N. W., Washington, D. C.	1919
MABBOTT, B. W., R. D. 2, Unity, Wis.	1919
MACKINTOSH, RICHARDS B., 5 Howard Ave., Peabody, Mass.	1919
MACLAY, MARK W., Jr., 106 E. 85th St., New York, N. Y.	1905
MACREYNOLDS, GEORGE, 76 E. State St., Doylestown, Pa.	1917
MADDOCK, Miss EMELINE, Monte Vista, Philadelphia, Pa.	1897
MADISON, HAROLD LESTER, Park Museum, Providence, R. I.	1912
MAGEE, M. J., 603 South St., Sault Ste. Marie, Mich.	1919
MAHER, J. E., 351 Communipaw Ave., Jersey City, N. J.	1902
MAIN, FRANK H., 227 N. 18th St., Philadelphia, Pa.	1913
MAPLES, JAMES C., Port Chester, N. Y.	1913
MARBLE, RICHARD M., Woodstock, Vt.	1907

MARCKRES, GEO. M., Sharon, Conn.	1918
MARKS, EDWARD SIDNEY, 655 Kearney Ave., Arlington, N. J.	1915
MARRS, Mrs. KINGSMILL, 9 Commonwealth Ave., Boston, Mass.	1903
MARSHALL, ALFRED, 17 S. Jefferson St., Chicago, Ill.	1916
*MARSHALL, Mrs. ELLA M. O., New Salem, Mass.	1912
MARTENET, MARK S., 4001 Bonner R'd, Forest P'k, Baltimore, Md.	1919
MATHEWS, F. SCHUYLER, 17 Frost St., Cambridge, Mass.	1917
MATTERN, EDWIN S., 1042 Walnut St., Allentown, Pa.	1912
MATTERN, WALTER I., 1042 Walnut St., Allentown, Pa.	1916
MAYFIELD, Dr. GEORGE R., Kissam Hall, Nashville, Tenn.	1917
MCCLINTOCK, NORMAN, 504 Amberson Ave., Pittsburg, Pa.	1900
MCCLOSKEY, Miss KATE A., Sup't. Nat. Study in Schools, Saratoga Springs, N. Y.	1919
MCCONNELL, THOMAS L., 1813 Huey St., McKeesport, Pa.	1915
McCOOK, PHILIP J., 15 William St., New York, N. Y.	1895
MC GEEVER, MYLES STANDISH, 60 Keene St., Lowell, Mass.	1918
MC GRAW, HARRY A., 1805 15th Ave., Altoona, Pa.	1917
MC GREW, ALBERT D., 5611 Stanton Ave., Pittsburg, Pa.	1917
MC HATTON, T. H., 163 Mell St., Athens, Ga.	1917
MCILHENNY, EDWARD AVERY, Avery Island, La.	1894
MCINTIRE, Mrs. HERBERT BRUCE, 4 Garden St., Cambridge, Mass.	1908
MC LAIN, ROBERT BAIRD, Market and 12th St., Wheeling, W. Va.	1893
MCLEAN, Hon. GEO. P., 1520 New Hampshire Ave., Washington, D. C.	1913
MC MILLAN, Mrs. GILBERT N., Gorham, N. H.	1902
MC NEIL, Dr. CHAS. A., Sedalia, Mo.	1919
MEAD, Mrs. E. M., 303 W. 84th St., New York, N. Y.	1904
MEANS, CHAS. J., 29 Marlborough St., Boston, Mass.	1912
MEDSGER, OLIVER P., 9 Columbia Ave., Arlington, N. J.	1919
MENGEL, G. HENRY, 739 Madison Ave., Reading, Pa.	1913
MENNINGER, WM. C., 709 W. 169th St., New York, N. Y.	1919
MERRIAM, HENRY F., 37 Clinton Ave., Maplewood, N. J.	1905
MERRILL, ALBERT R., Hamilton, Mass.	1912
MERRILL, B. G., Hinsdale, Ill.	1917
MERRILL, D. E., c.o. Curtis Pub. Co., Long Beach, Calif.	1913
MERRILL, HARRY, 316 State St., Bangor, Maine.	1883
*MERSHON, W. B., Saginaw, Mich.	1905
METCALF, F. P., Biological Survey, Washington, D. C.	1917
METCALF, Z. P., N. C. State College, West Raleigh, N. C.	1913
MEYER, Major G. RALPH, 126 South, Ft. Monroe, Va.	1913
MEYER, Miss HELOISE, Lenox, Mass.	1913
MICHAELS, WM. C., 645 W. 56th St., Kansas City, Mo.	1919
MILLER, Miss BERTHA STUART, 48 Reid Ave., Port Washington, N. Y.	1915
MILLER, Miss CARRIE ELLA, 36 Cottage St., Lewiston, Me.	1918

---

\* Life Associate.

MILLER, CHAS. W., Jaffna College, Jaffna, Ceylon.....	1909
MILLER, Mrs. ELISABETH C. T., 1010 Euclid Ave., Cleveland, O.....	1916
MILLER, Dr. LOYE HOLMES, Southern Branch Univ. of Calif., Los Angeles, Calif.....	1918
MILLS, ENOS A., Estes Park, Colo.....	1916
MINER, LEO D., 1836 Vernon St., N. W., Washington, D. C.....	1913
MITCHELL, CATHERINE ADAMS, Riverside, Ill.....	1911
MITCHELL, HORACE HEADLEY, Provincial Mus. Regina, Sask.....	1918
MITCHELL, MASON, U. S. Consul, Apia, Samoa.....	1916
MITCHELL, Dr. WALTON I., 3210 E. 1st St., Wichita, Kan.....	1893
MOODY, A. J., c/o. Aetna Life Ins. Co., Hartford, Conn.....	1918
MOODY, Dr. WM. LADD, Newport, R. I.....	1918
MOORE, ELIZABETH PUTNAM, North Anson, Me.....	1905
MORCOM, G. FREAN, 2906 Pine Ave., Berkeley, Calif.....	1886
MORGAN, BRENT M., 224 11th St., S. W., Washington, D. C.....	1919
MORLEY, S. GRISWOLD, 2535 Etna St., Berkeley, Calif.....	1911
MORLOCK, LOUIS F., Creve Couer, Mo.....	1919
MORRISON, ALVA, Brier Neck, Gloucester, Mass.....	1915
MORSE, GEO. F., Jr., Grove Hall, Mass.....	1919
MORSE, HARRY GILMAN, Huron, Ohio.....	1912
MORSE, Miss MARGARETTE E., 3513 Bloomington Ave., Minneapolis, Minn.....	1919
MORSS, CHAS. B., 35 Greenleaf St., Bradford, Mass.....	1918
MOSELEY, Prof. EDWIN LINCOLN, Bowling Green, Ohio.....	1918
MOSES, Mrs. EDMUND QUINCEY, 303 W. 84th St., New York, N. Y.....	1919
MOSHER, FRANKLIN H., 17 Highland Ave., Melrose Highlands, Mass.....	1905
MOUSLEY, WM. HENRY, Hatley, Quebec, Canada.....	1915
MULLEN, JAMES L., 614 E. 6th South, Salt Lake City, Utah.....	1919
MUNRO, J. A., Okanagan Landing, British Columbia.....	1913
MURIE, O. J., 219 7th Ave., S, Moorhead, Minn.....	1913
MURPHY, Dr. EUGENE EDMUND, 432 Telfair St., Augusta, Ga.....	1919
MURPHY, Mrs. GRACE E. B., 272 Hicks St., Brooklyn, N. Y.....	1919
MURRAY, EDGAR H., 439 Guoin St., Detroit, Mich.....	1919
MYERS, Mrs. HARRIET W., 311 N. Ave. 66, Los Angeles, Calif.....	1906
MYERS, Miss LUCY F., 127 Academy St., Poughkeepsie, N. Y.....	1898
NAUMAN, E. D., Box 606, Sigourney, Iowa.....	1918
NEELY, JAMES C., 135 High St., Brookline, Mass.....	1919
NEFF, JOHNSON, Marionville, Mo.....	1919
NICHOLS, L. NELSON, N. Y. Public Library, New York, N. Y.....	1917
NICHOLS, RODMAN A., 33 Warren St., Salem, Mass.....	1919
NIMS, Mrs. LUCIUS, 17 Union St., Greenfield, Mass.....	1913
NOBLE, ELEANOR G., 66 Sparks St., Cambridge, Mass.....	1916
NOBLE, G. KINGSLEY, Am. Mus. Nat. Hist., New York, N. Y.....	1916
NOKES, Dr. I. D., 134 W. 55th St., Los Angeles, Calif.....	1915
NOLTE, Rev. FELIX, St. Benedict's College, Atchison, Kan.....	1903
NORRIS, EDWARD, 301 W. Springfield Ave., Philadelphia, Pa.....	1916

NORRIS, J. PARKER, Jr., 2122 Pine St., Philadelphia, Pa.	1904
NORTON, Mrs. CARRIE MORSE, Faulkton, S. Dak.	1918
OGDEN, Dr. HENRY Vining, 141 Wisconsin St., Milwaukee, Wis.	1897
OLDYS, HENRY, Silver Springs, Md.	1896
O'ROARK, Mrs. L. S., 29 Rutherford Ave., Rutherford, N. J.	1919
OLIVER, Mrs. EDITH HOLICK, 48 St. Nicholas Pl., New York, N. Y.	1918
OSBORN, Prof. HENRY FAIRFIELD, Am. Mus. Nat. Hist., New York, N. Y.	1919
OSBORNE, ARTHUR A., 58 Washington St., Peabody, Mass.	1912
OSGOODE, HARRY W., 16 Elm St., Pittsfield, N. H.	1918
OTTEMILLER, FREE, 752 S. George St., York, Pa.	1914
OVERTON, Dr. FRANK, Patchogue, N. Y.	1909
*OWEN, Miss JULIETTE AMELIA, 306 N. 9th St., St. Joseph, Mo.	1897
PACKARD, WINTHROP, 1442 Washington St., Canton, Mass.	1917
PAINE, AUGUSTUS G., Jr., 31 E. 69th St., New York, N. Y.	1886
PAINE, CHARLES JACKSON, 705 Sears Bldg., Boston, Mass.	1917
*PALMER, Miss ELIZABETH DAY, 1741 S. Harvard Blv'd, Los Angeles, Calif.	1918
PALMER, R. H., 222 Dietrich Blk., Pocatello, Ida.	1917
PALMER, Dr. SAMUEL C., 712 Ogden Ave., Swarthmore, Pa.	1899
PALMER, Mrs. T. S., 1939 Biltmore St., N. W., Washington, D. C.	1918
PANGBURN, CLIFFORD H., 731 Elm St., New Haven, Conn.	1907
*PARKER, EDWARD LUDLOW, Nashawtuc Rd., Concord, Mass.	1916
PARKS, Mrs. F. R., 128 Crafts Rd., Chesnut Hill, Mass.	1918
PAUL, LUCIUS H., 1485 North St., Rochester, N. Y.	1908
PAXTON, Mrs. REGINA A., "The Cairo," Que St., Washington, D. C.	1917
PEABODY, Rev. P. B., Blue Rapids, Kan.	1903
PELLEW, Miss MARION J., 1637 Massachusetts Ave., N. W., Wash- ington, D. C.	1919
PEMBERTON, JOHN ROY, 729 Kennedy Bldg., Tulsa, Okla.	1918
PENNELL, Miss ELIZABETH A. S., 252 Maine St., Brunswick, Me.	1918
PENNINGTON, WM. DANA, 1722 4th St., Washington, D. C.	1919
PENNOCK, CHAS J., Kennett Sq., Pa.	1919
*PENROSE, Dr. CHAS. BINGHAM, 1720 Spruce St., Philadelphia, Pa.	1919
PEPPER, Dr. WM., 1811 Spruce St., Philadelphia, Pa.	1911
PERINE, KEBLE, 26 Trull St., Boston, Mass.	1917
PERKINS, Dr. ANNE E., Gowanda Hospital, Collins, N. Y.	1917
PERKINS, ARTHUR W., 21 High St., Farmington, Me.	1915
PERKINS, Dr. GEORGE H., Univ. of Vt., Burlington, Vt.	1912
PERRY, Dr. HENRY JOSEPH, 45 Bay State Road, Boston, Mass.	1909
PETERS, ALBERT S., Lake Wilson, Minn.	1908
PETTY, ORVILLE A., Chapel St. & Sherman Ave., New Haven, Conn.	1919
PHELPS, FRANK M., 212 E. 4th St., Elyria, Ohio.	1912

---

\* Life Associate.

PHELPS, Mrs. J. W., Box 36, Northfield, Mass.	1899
PHILIPP, PHILIP B., 220 Broadway, New York, N. Y.	1907
PHILLIPS, ALEXANDER H., 54 Hodge Road, Princeton, N. J.	1891
PHILLIPS, CHAS. LINCOLN, 5 West Weir St., Taunton, Mass.	1912
PHILLIPS, CHAS. P., Univ. Minn., Minneapolis, Minn.	1919
PIERCE, WRIGHT McEWEN, Box 343, Claremont, Calif.	1918
PILSBURY, FRANK O., 1088 Main St., Walpole, Mass.	1917
PINCHOT, GIFFORD, Real Estate Trust Bldg., Philadelphia, Pa.	1910
PINKUS, ALBERT S., 10 Fairfield Ave., Hartford, Conn.	1919
PIRNIE, MILES D., 428 N. Tioga St., Ithaca, N. Y.	1919
PLATT, Hon. EDMUND, Poughkeepsie, N. Y.	1917
POE, Miss MARGARETTA, 1204 N. Charles St., Baltimore, Md.	1899
POOLE, EARL L., School Admin. Bldg., Reading, Pa.	1916
POPE, ALEXANDER, 1013 Beacon St., Brookline, Mass.	1919
PORTER, LOUIS H., Stamford, Conn.	1893
POST, WILLIAM S., Bernardsville, N. J.	1911
POTTER, JULIAN K., 563 Bailey St., Camden, N. J.	1912
POTTER, LAWRENCE B., Eastend, Sask.	1919
PRAEGER, WILLIAM E., 421 Douglas Ave., Kalamazoo, Mich.	1892
PRATT, Hon. GEO. D., Telephone Bldg., Albany, N. Y.	1917
PRICE, JOHN HENRY, Crown W Ranch, Knowlton, Mont.	1906
PRICE, LIGON, R. F. D. 1, Dunmore, W. Va.	1913
PRITCHARD, Mrs. F. A., 203 N. Court St., Medina, Ohio.	1918
PROCTOR, GEORGE N., 35 Congress St., Boston, Mass.	1919
PURDY, JAMES B., R. F. D. 4, Plymouth, Mich.	1893
QUARLES, EMMET AUGUSTUS, Southfield Point, Stamford, Conn.	1918
QUIGGLE, JAMES C., McElhattan, Pa.	1915
RAKER, Miss MARY E., 1484 E. Sherman St., Portland, Ore.	1918
RATLIFF, Hon. WALTER S., R. R. B., Box 276, Richmond, Ind.	1918
RAVEN, HENRY CUSHIER, Bayshore, N. Y.	1918
REA, PAUL M., Charleston Museum, Charleston, S. C.	1912
REAGH, Dr. ARTHUR LINCOLN, 39 Maple St., West Roxbury, Mass.	1896
REGAR, H. SEVERN, 1400 De Kalb St., Norristown, Pa.	1916
REED, Miss CLARA EVERETT, Brookfield, Mass.	1919
REHN, JAMES A. G., 6033 B Catherine St., Philadelphia, Pa.	1901
REICHENBERGER, Mrs. VICTOR M., Hotel Essex, New York, N. Y.	1916
REID, Mrs. BRUCE, Gulf Refinery, Port Arthur, Tex.	1918
REID, RUSSELL, 722 5th St., Bismarck, N. Dak.	1919
RETT, EG Mont Z., 3902 Pecos St., Denver, Colo.	1917
RHOADS, CHARLES J., National Reserve Bank, Philadelphia, Pa.	1895
RICE, JAMES HENRY, Brick House Plantation, Wiggins, S. C.	1910
RICE, WARD J., Roachdale, Ind.	1913
RICHARDS, Miss HARRIET E., 36 Longwood Ave., Brookline, Mass.	1900
RICHARDSON, W. D., 4215 Prairie Ave., Chicago, Ill.	1917
RIDGWAY, JOHN L., Geological Survey, Washington, D. C.	1890
RIKER, CLARENCE B., 43 Scotland Road, South Orange, N. J.	1885

ROBBINS, CHARLES A., Onset, Mass.....	1914
ROBBINS, ROYAL E., 104 Pleasant St., Brookline, Mass.....	1917
ROBERTS, PREWITT, Conway, Mo.....	1919
ROBERTS, WILLIAM ELY, 207 McKinley Ave., Lansdowne, Pa.....	1902
ROBERTSON, HOWARD, 157 S. Wilton Drive, Los Angeles, Calif.....	1911
ROBINSON, ANTHONY W., Haverford, Pa.....	1903
ROBINSON, Mrs. L. K., 1130 S. Franklin St., Denver, Colo.....	1919
ROBINSON, Miss MARY L., Lathrop Trade School, Kansas City, Mo..	1919
RODOLPHE, Brother, Christian Bro. Normal School, Laval Rapids, Que.	1919
*ROGERS, CHAS H., Am. Mus. Nat. Hist., New York, N. Y.....	1904
ROLAND, CONRAD K., 1208 DeKalb St., Norristown, Pa.....	1917
ROOSEVELT, FRANKLIN DELANO, Hyde Park, N. Y.....	1896
ROSS, GEO. H., 23 West St., Rutland, Vt.....	1904
ROSS, Dr. LUCRETIUS H., 507 Main St., Bennington, Vt.....	1912
ROUSH, GEO. HAROLD, 343 Prospect St., Morgantown, W. Va.....	1919
ROWLEY, JOHN, 42 Plaza Drive, Berkeley, Calif. ....	1889
RUGG, HAROLD GODDARD, Dartmouth College, Hanover, N. H.....	1919
RUST, HENRY J., Coeur d'Alene, Idaho.....	1918
RYDER, Mrs. ROBERT O., 1041 Franklin Ave., Columbus, Ohio.....	1919
SACKETT, CLARENCE, Rye, N. Y.....	1910
SAGE, HENRY M., Menands Road, Albany, N. Y.....	1885
SAGE, Mrs. MARY SEARL, 1974 Broadway, New York, N. Y.....	1919
SALYER, J. CLARK, 2412 Main St., Lexington, Mo.....	1919
SAMPSON, Miss MYRA M., 30 Green St., Northampton, Mass.....	1918
SANBORN, COLIN C., P. O. Box 97, Rutherford, N. J.....	1911
*SANFORD, Dr. LEONARD C., 216 Crown St., New Haven, Conn.....	1919
SANTENS, REMI H., Carnegie Mus., Pittsburgh, Pa.....	1918
SAUNDERS, ARETAS A., 21 Edlie Ave., South Norwalk, Conn.....	1907
SAVAGE, MAHLON L., 1338 Orthodox St., Frankford, Philadelphia, Pa.	1919
SCHAFFER, OSCAR FREDERICK, 669 Genesee St., Rochester, N. Y.....	1916
SCHAFFER, J. J., Port Bryon, Ill.....	1918
SCHANTZ, ORPHEUS M., 10 S. LaSalle St., Chicago, Ill.....	1919
SCHENCK, FREDERIC, Lenox, Mass.....	1912
SCHLEICHERT, ERNEST K., Mathias Point, Va.....	1919
SCHONNEGEL, JULIAN ELIOT, 92 Morningside Ave., New York, N. Y.	1918
SCHORGER, A. W., 2021 Kendall Ave., Madison, Wis.....	1913
SCHRENCK, DR. HERMANN VON, 4139 McPherson Ave., St. Louis, Mo.	1919
SCOVILLE, SAMUEL, Jr., 415 Lancaster Ave., Haverford, Pa.....	1916
SCUDDER, BRADFORD A., 146 W. 105th St., New York, N. Y.....	1917
SEARS, WILLIAM R., 73 Tremont St., Boston, Mass.....	1916
SERRILL, WILLIAM J., Haverford, Pa.....	1916
SEWELL, JAMES W., Jr., 2218 Patterson St., Nashville, Tenn.....	1918

---

\* Life Associate.

SHAW, HENRY S., 78 Cypress St., Newton Center, Mass.....	1916
SHAW, Dr. J. E. NORTON, Mattapoisett, Mass.....	1919
SHAW, WILLIAM T., 1000 Thatuna St., Pullman, Wash.....	1908
SHEA, DANIEL W., Catholic Univ. of Amer., Washington, D. C.....	1917
SHEARER, DR. AMON R., Mont Belvieu, Tex.....	1905
SHELDON, CHARLES, 3102 Q St., N. W., Washington, D. C.....	1911
SHELLEY, F. L., Elmdale, Kan.....	1918
SHELTON, ALFRED C., c/o. Johnson, Shelton Co., Dayton, Ohio.....	1911
SHERWOOD, MTS. THEODORE C., 3520 Cherry St., Kansas City, Mo.....	1919
SHIRLEY, LESTER L., 604 S. 10th St., Vincennes, Ind.....	1917
SHIRLING, ALBERT E., 3849 E. 62nd St., Kansas City, Mo.....	1919
SHOEMAKER, CLARENCE R., 3116 P St., Washington, D. C.....	1910
SHOEMAKER, HENRY W., McElhattan, Pa.....	1912
SHOFFNER, CHARLES P., 2011 Wallace St., Philadelphia, Pa.....	1915
SHROSBECK, GEO., Pub. Mus Milwaukee, Wis.....	1899
SILLIMAN, O. P., Cor. Alis & Riker St., Salinas, Calif.....	1915
SILVER, JOHN A., Aberystwyth, Md.....	1918
SIMMONS, GEO. FINL, Univ. Texas, Austin, Texas.....	1910
SIMONDS, Miss SUSIE L., Hartland, Wis.....	1919
SKINNER, M. P., Yellowstone Park, Wyo.....	1916
SMITH, AUSTIN PAUL, 2043 E. 71st St., Cleveland, Ohio.....	1911
SMITH, Rev. FRANCIS CURTIS, 22 Jewett Pl., Utica, N. Y.....	1903
SMITH, Prof. FRANK, 1005 West California Ave., Urbana, Ill.....	1909
SMITH, HORACE G., 2918 Lafayette St., Denver, Colo.....	1888
SMITH, DR. HUGH M., 1209 M St., N. W., Washington, D. C.....	1886
SMITH, LESTER W., 60 Cottage St., Meriden, Conn.....	1916
SMITH, NAPIER, 46 Côtés des Neiges Road, Montreal, Canada.....	1915
SMITH, Mrs. WALLIS C., 525 N. Michigan Ave., Saginaw, W. S., Mich.....	1916
SMITH, WENDELL PHILLIPS, Wells River, Vt.....	1919
SMYTH, Prof. ELLISON A., Jr., Polytechnic Inst., Blacksburg, Va.....	1892
SNYDER, ELIAS LEROY, 1244 N. Emporia Ave., Wichita, Kan.....	1919
SNYDER, LESTER L., Royal Ont. Mus., Toronto, Ont.....	1919
SNYDER, WILL EDWIN, 309 DeClark St., Beaver Dam, Wis.....	1895
SOPER, JOSEPH DEWEY, R. D. 2, Preston, Ont., Canada.....	1918
SOULE, CAROLINE GRAY, 187 Walnut St., Brookline, Mass.....	1917
SPelman, HENRY M., 48 Brewster St., Cambridge, Mass.....	1911
SPENCER, Miss CLEMENTINA S., Dept. of Zoölogy, Coe College, Cedar Rapids, Iowa.....	1917
STANWOOD, Miss CORDELIA JOHNSON, Ellsworth, Me.....	1909
STAPLETON, RICHARD, 219 High St., Holyoke, Mass.....	1916
STEELE, HENRY B., 4530 Drexel Boulevard, Chicago, Ill.....	1917
STEPHENSON, Prof. T. C., Morningside College, Sioux City, Iowa.....	1909
STEPHENSON, Mrs. JESSE, Monte Vista, Colo.....	1918
STEVENS, Prof. G. W., Normal College, Warrensburg, Mo.....	1919
STEVENS, Dr. J. F., Box 1546, Lincoln, Neb.....	1908
STEWART, Mrs. CECIL, 451 Beacon St., Boston, Mass.....	1917

STILES, EDGAR C., 345 Main St., West Haven, Conn.	1907
STIMSON, Dr. ARTHUR M., 414 Raymond St., Chevy Chase, Md.	1917
STODDARD, HERBERT LEE, Field Museum Nat. Hist., Chicago, Ill.	1912
STONE, HARRY HERBERT, Jr., Sturbridge, Mass.	1919
STORER, TRACY IRWIN, Mus. Vert. Zoology, Berkeley, Calif.	1916
STREET, J. FLETCHER, Beverly, N. J.	1908
STRUTHERS, Rev. ALFRED L., Townsend, Mass.	1918
STUART, FRANK A., 118 Green St., Marshall, Mich.	1915
STUART, GEO. H., 3rd, c/o Girard Trust Co., Philadelphia, Pa.	1913
STURGIS, S. WARREN, Groton, Mass.	1910
STURTEVANT, EDWARD, St. George's School, Newport, R. I.	1896
SUGDEN, ARTHUR W., 35 Concord St., Hartford, Conn.	1913
SUTTON, GEO. MIKSCH, Carnegie Mus., Pittsburgh, Pa.	1919
SWAIN, JOHN MERTON 113 Main St., Farmington, Me.	1899
SWEENEY, J. A., Forest Service, Nenzel, Neb.	1916
SWEET, Miss ORA D., 34 Elizabeth St., Auburn, N. Y.	1919
SWENK, MYRON H., 1410 N. 37th St., Lincoln, Neb.	1904
TATNALL, SAMUEL A., 503 Hansberry St., Philadelphia, Pa.	1916
TAYLOR, ALEXANDER R., 1410 Washington St., Columbia, S. C.	1907
TAYLOR, HORACE, 3 Netherlands Rd., Brookline, Mass.	1917
TAYLOR, LIONEL E., Bankhead, Kelowna, B. C.	1913
TAYLOR, Dr. WALTER P., 1428 Perry Place, N. W., Washington, D. C.	1916
TAYLOR, WARNER, 219 Clifford Court, Madison, Wis.	1916
TEACHENOR, DIX, 3237 Garfield Ave., Kansas City, Mo.	1919
TERRILL, LEWIS McI., 44 Stanley Ave., St. Lambert, Quebec.	1907
THOMAS, Miss EMILY HINDS, Bryn Mawr, Pa.	1901
THOMAS, GERALD B., 229 Burlington Ave., Billings, Mont.	1919
THOMPSON, J. WALCOTT, 527 East First South St., Salt Lake City, Utah.	1916
THORNS, Miss JULIA A., c/o Dr. D. H. Hill, Raleigh, N. C.	1916
THOWLESS, HERBERT L., 765 Broad St., Newark, N. J.	1919
TILTON, Miss MABEL THURSTON, Vineyard Haven, Mass.	1918
TINDALL, CHAS. W., 912 N. Noland St., Independence, Mo.	1919
TINKER, ALMERIN D., 1019 Church St., Ann Arbor, Mich.	1907
TOWER, Mrs. KATE D., Hotel Bristol, Copley Sq., Boston, Mass.	1908
TOWNE, Miss ANNIE FLORENCE, Topsfield, Mass.	1918
TOWNE, Dr. SOLON RODNEY, Sta. D., Route 2, Omaha, Neb.	1919
TOWNSHEND, HENRY HOTCHKISS, 35 Hellbourne Ave., New Haven, Conn.	1915
TREAT, WILLARD ELLERY, Silver Lane, Conn.	1919
TREGANZA, A. O., 522 S. 13th St., E., Salt Lake City, Utah.	1906
TROTTER, WILLIAM HENRY, 36 N. Front St., Philadelphia, Pa.	1899
TRUESELL, JOHN F., 230 Post Office Bldg., Denver, Colo.	1918
TRULL, HARRY S., 317 East 196th St., New York, N. Y.	1917
TRUMBELL, J. H., Plainville, Conn.	1907
TUDBURY, WARREN C., 1939 Marin Ave., Berkeley, Calif.	1903

TUFTS, ROBIE W., Wolfville, Nova Scotia.....	1919
TULLOCK, MRS. GILBERT, 379 Edgewood Ave., New Haven, Conn.....	1919
TUTTLE, HENRY EMERSON, Lake Forest, Ill.....	1909
TWITCHELL, A. H., Flat, Alaska.....	1918
TYLER, JOHN G., Turlock, Calif.....	1912
UFFORD, DR. EUGENE U., 221 Central St., Auburndale, Mass.....	1918
UNDERWOOD, WM. LYMAN, Mass. Inst. of Tech., Cambridge, Mass.....	1900
VALENTINE, MISS ANNA J., Bellefonte, Pa.....	1905
VALLANDINGHAM, MISS KATIE, 811 Highland Ave., Carrollton, Ky.....	1918
*VANDERGRIFT, S. H., 311 Riggs Bldg., Washington, D. C.....	1918
VAN FLEET, CLARK C., 446 10th St., Santa Rosa, Calif.....	1919
VAN NAME, WILLARD G., Am. Mus. Nat. Hist., New York, N. Y.....	1900
VAN NEUMAN, MISS LOULA, Westport High School, Kansas City, Mo.....	1919
VETTER, DR. CHARLES, 67 West 12th St., New York, N. Y.....	1898
VIERECK, HENRY L., Biological Survey, Washington, D. C.....	1916
VORHIES, DR. CHAS T., Univ. of Ariz., Tuscon, Ariz.....	1918
WADSWORTH, CLARENCE S., 27 Washington St., Middletown, Conn.....	1906
WALKER, EGBERT HAMILTON, 411 Camden Court, Ann Arbor, Mich.....	1919
WALKER, ERNEST P., Phoenix, Ariz.....	1918
WALKER, GEO. R., R. D. 3, Murray, Utah.....	1909
WALLACE, CHAS. R., 69 Columbus Ave., Delaware, Ohio.....	1913
WALLACE, JAMES S., 12 Wellington St., E., Toronto, Ontario.....	1907
WALTER, DR. HERBERT E., 67 Oriole Ave., Providence, R. I.....	1901
WALTERS, FRANK, 125 23rd St., Elmhurst, N. Y.....	1902
WARD, FRANK H., 18 Grove Place. Rochester, N. Y.....	1908
WARD, HENRY L., 520 Lake Drive, Milwaukee, Wis.....	1906
WARNER, EDWARD P., Langley Field, Hampton, Va.....	1910
WATSON, C. G., 201 Ridout St., S., London, Ont.....	1919
WEBER, J. A., Moore and Grand Aves., Leonia, N. J.....	1906
WEBSTER, DR. GEORGE A., Roxbury, Mass.....	1916
WEBSTER, MRS. JENNIE E. B., 44 E. 23rd St., New York, N. Y.....	1917
WEEKS, REV. LEROY TITUS, Emmetsburg, Iowa.....	1917
WEISEMAN, T. WALTER, 226 Beaver Road, Emsworth, Pa.....	1919
WEISER, CHARLES S., 105 W. Springettsbury Ave., York, Pa.....	1916
*WELLMAN, GORDON B., 46 Dover R'd., Wellesley, Mass.....	1908
WEST, CHAS. SLADE, Marianna, Fla.....	1919
WETMORE, MRS. EDMUND H., Babylon, N. Y.....	1902
WEYGANDT, DR. CORNELIUS, 6635 Wissahickon Ave., Philadelphia, Pa.....	1907
*WHARTON, WILLIAM P., Groton, Mass.....	1907
WHEELER, REV. HARRY EDGAR, Fayetteville, Ark.....	1919
WHEELER, JOSEPH RANDALL, Grand Lake, Newfoundland.....	1919
WHITAKER, J. R., Grand Lake, Newfoundland.....	1919
WHITE, FRANCIS BEACH, St. Paul's School, Concord, N. H.....	1891

---

\* Life Associate.

WHITE, GEORGE R., Dead Letter Office, Ottawa, Canada.....	1903
WHITE, W. A., 158 Columbia Heights, Brooklyn, N. Y.....	1902
WHITING, ADRIAN P., 163 Sandwich St., Plymouth, Mass.....	1919
WHITMAN, F. N., McGraw Hall, Ithaca, N. Y.....	1919
WHITTLE, CHARLES L., 50 Congress St., Boston, Mass.....	1916
WHITTLE, MRS. H. G., Peterboro, N. H.....	
WIEGMANN, DR. WILLIAM HENRY, 436 E. 5th St., New York, N. Y.....	1916
WILBUR, ADDISON P., 60 Gibson St., Canandaigua, N. Y.....	1895
WILCOX, T. FERDINAND, 118 E. 54th St., New York, N. Y.....	1895
WILEY, MISS LENA CATHERINE, Buckland, Mass.....	1918
WILLARD, BERTEL G., 1619 Massachusetts Ave., Cambridge, Mass.....	1906
WILLARD, FRANK C., Farmingdale, N. Y.....	1909
WILLARD, OSCAR T., 1444 E. 54th St., Chicago, Ill.....	1919
WILLCOX, PROF. M. A., 63 Oakwood Road, Newtonville, Mass.....	1913
WILLIAMS, MISS BELLE, Colonia Hotel, Columbia, S. C.....	1915
WILLIAMS, ENRICUE RUIZ, Reporto Almendarez, Marianao, Cuba.....	1918
WILLIAMS, LAIDLAW, 152 W. 57th St., New York, N. Y.....	1919
WILLIAMS, ROBERT S., N. Y. Botanical Gardens, New York, N. Y.....	1888
WILLIAMSON, E. B., Bluffton, Ind.....	1900
WILLIS, MISS CLARA L., 72 Main St., Framingham Center, Mass.....	1915
WILMOT, NELSON E., Marshall St., West Haven, Conn.....	1916
WILSON, MRS. ETTA S., 2 Clarendon Ave., Detroit, Mich.....	1917
WILSON, GORDON, 1424 Chestnut St., Bowling Green, Ky.....	1919
WING, DEWITT C., 5344 Dorchester Ave., Chicago, Ill.....	1913
WINGARD, TODD ALBERT, 1929 Park Rd., Washington, D. C.....	1918
WISE, MISS HELEN D., 1930 18th St., N. W., Washington, D. C.....	1919
*WOOD, DR. CASEY A., 7 W. Madison St., Chicago, Ill.....	1917
WOOD, GEORGE B., 1830 Spruce St., Philadelphia, Pa.....	1916
WOOD, NELSON R., Smithsonian Institution, Washington, D. C.....	1895
WOODRUFF, FRANK M., Acad. of Sciences, Lincoln Park, Chicago, Ill.	1894
WOODRUFF, LEWIS B., 14 E. 68th St., New York, N. Y.....	1886
WOODWARD, FRANK ERNEST, 48 Abbott Rd., Wellesley Hills, Mass.....	1919
WOODWARD, DR. LEMUEL, 52 Pearl St., Worcester, Mass.....	1917
WOODWORTH, ROY C., 204 E. 35th St., Kansas City, Mo.....	1908
WORCESTER, MRS. ALFRED J., 314 Bacon St., Waltham, Mass.....	1908
WRIGHT, FRANK S., 14 Cayuga St., Auburn, N. Y.....	1917
WRIGHT, MISS HARRIET H., 1637 Gratiot Ave., Saginaw, W. S., Mich.	1907
WRIGHT, HORACE WINSLOW, 107 Pinckney St., Boston, Mass.....	1902
WYMAN, LUTHER E., 3927 Wisconsin St., Los Angeles, Calif.....	1907
YOUNG, REV. CHAS. JOHN, Brighton, Ont., Canada.....	1918
YOUNG, JOHN P., 1730 Massachusetts Ave., Washington, D. C.....	1911
ZIMMER, J. T., Dept. of Agriculture, Port Moresby, British Papua.....	1908
ZUCKERMAN, JOSEPH, Am. Mus. Nat. Hist., New York, N. Y.....	1919

---

\* Life Associate.

## DECEASED MEMBERS.

## FELLOWS

ALDRICH, CHARLES.....	March 8, 1908
BAIRD, SPENCER FULLERTON.....	Aug. 19, 1887
BEAL, FOSTER ELLENBOROUGH LASCELLES.....	Oct. 1, 1916
BENDIRE, CHARLES EMIL.....	Feb. 4, 1897
BREWSTER, WILLIAM*.....	July 11, 1919
COOKE, WELLS WOODBRIDGE.....	March 30, 1916
COUES, ELLIOT*.....	Dec. 25, 1899
ELLIOT, DANIEL GIRAUD*.....	Dec. 22, 1915
GOSS, NATHANIEL STICKNEY.....	March 10, 1891
HOLDER, JOSEPH BASSETT.....	Feb. 28, 1888
JEFFRIES, JOHN ARMORY.....	March 26, 1892
MCILWRAITH, THOMAS.....	Jan. 31, 1903
MEARNS, EDGAR ALEXANDER.....	Nov. 1, 1916
MERRILL, JAMES CUSHING.....	Oct. 27, 1902
PURDIE, HENRY AUGUSTUS.....	March 29, 1911
SENNETT, GEORGE BURRITT.....	March 18, 1900
TRUMBULL, GURDON.....	Dec. 28, 1903
WHEATON, JOHN MAYNARD.....	Jan. 28, 1887

## RETIRED FELLOWS

BELDING, LYMAN.....	Nov. 22, 1917
GILL, THEODORE NICHOLAS.....	Sept. 25, 1914

## HONORARY FELLOWS

BLANFORD, WILLIAM THOMAS.....	June 23, 1905
BARBOZA DU BOCA, JOSÉ VICENTE.....	July —, 1908
BERLEPSCH, HANS VON.....	Feb. 27, 1915
BURMEISTER, KARL HERMANN KONRAD.....	May 1, 1891
CABANIS, JEAN LOUIS.....	Feb. 20, 1906
DRESSER, HENRY EELES.....	Nov. 28, 1915
FINSCH, FRIEDRICH HERMANN OTTO.....	Jan. 31, 1917
GÄTKE, HEINRICH.....	Jan. 1, 1897
GIGLIOLI, ENRICO HILLYER.....	Dec. 16, 1909
GODMAN, FREDERICK DUCANE.....	Feb. 19, 1919

---

\* Presidents of A. O. U.

GURNEY, JOHN HENRY.....	April 20, 1890
HARTLAUB, [KARL JOHANN] GUSTAV.....	Nov. 20, 1900
HARVIE-BROWN, JOHN ALEXANDER.....	July 26, 1916
HUME, ALLAN OCTAVIAN.....	July 31, 1912
HUXLEY, THOMAS HENRY.....	June 29, 1895
KRAUS, FERDINAND.....	Sept. 15, 1890
LAWRENCE, GEORGE NEWBOLD.....	Jan. 17, 1895
MEYER, ADOLF BERNHARD.....	Feb. 5, 1911
MILNE-EDWARDS, ALPHONSE.....	April 21, 1900
NEWTON, ALFRED.....	June 7, 1907
PARKER, WILLIAM KITCHEN.....	July 3, 1890
PELZELN, AUGUST VON.....	Sept. 2, 1891
SALVIN, OSBERT.....	June 1, 1898
SAUNDERS, HOWARD.....	Oct. 20, 1907
SCHLEGEL, HERMANN.....	Jan. 17, 1884
SCLATER, PHILIP LUTEY.....	June 27, 1913
SEEBOHM, HENRY.....	Nov. 26, 1895
SHARPE, RICHARD BOWDLER.....	Dec. 25, 1909
TACZANOWSKI, LADISLAS [CASIMIROVICH].....	Jan. 17, 1890
WALLACE, ALFRED RUSSELL.....	Nov. 7, 1913

**CORRESPONDING FELLOWS.**

ALTUM, JOHANN BERNARD THEODOR.....	Feb. 1, 1900
ANDERSON, JOHN.....	Aug. 15, 1900
BALDAMUS, AUGUSTE KARL EDUARD.....	Oct. 30, 1893
BLAKISTON, THOMAS WRIGHT.....	Oct. 15, 1891
BLASIUS, [PAUL HEINRICH] RUDOLPH.....	Sept. 21, 1907
BLASIUS, WILHELM AUGUST HEINRICH.....	May 31, 1912
BOGDANOW, MODEST NIKOLAEVICH.....	March 16, 1888
BROOKS, WILLIAM EDWIN.....	Jan. 18, 1899
BRYANT, WALTER [PIERC] E.....	May 21, 1905
BULLER, WALTER LAWRY.....	July 19, 1906
BUTLER, EDWARD ARTHUR.....	April 16, 1916
COLLETT, ROBERT.....	Jan. 27, 1913
COOPER, JAMES GRAHAM.....	July 19, 1902
CORDEAUX, JOHN.....	Aug. 1, 1899
DAVID, ARMAND.....	Nov. 10, 1900
DUGÈS, ALFRED.....	Jan. 7, 1910
FATIO, VICTOR.....	March 19, 1906
GIRTANNER, GEORG ALBERT.....	June 4, 1907
GOELDI, EMIL AUGUST.....	July 5, 1917
HAAST, JOHANN FRANZ JULIUS VON.....	Aug. 16, 1887
HARGITT, EDWARD.....	March 19, 1895

HAYEK, GUSTAV EDLER VON.....	Jan. 9, 1911
HERMAN, OTTO.....	Dec. 27, 1914
HOLUB, EMIL.....	Feb. 21, 1902
HOMEYER, EUGEN FERDINAND VON.....	May 31, 1889
KNUDSEN, VALDEMAR.....	Jan. 8, 1898
KRUKENBERG, CARL FRIEDRICH WILHELM.....	Feb. 18, 1889
LAYARD, EDGAR LEOPOLD.....	Jan. 1, 1900
LEGGE, WILLIAM VINCENT.....	March 25, 1918
LEVERKÜHN, PAUL.....	Dec. 5, 1905
LILFORD, LORD (THOMAS LYTTLETON POWYS).....	June 17, 1896
MALMGREN, ANDERS JOHAN.....	April 12, 1897
MARSCHALL, AUGUST FRIEDRICH.....	Oct. 11, 1887
MIDDENDORFF, ALEXANDER THEODOROVICH.....	Jan. 28, 1894
MOSJISOVICS von MOJSVAR, FELIX GEORG HERMANN AUGUST.	Aug. 27, 1897
NAMIYE, MOTOYOSHI,.....	May 24, 1918
NORTH, ALFRED JOHN.....	May 6, 1917
OATES, EUGENE WILLIAM.....	Nov. 16, 1911
OUSTALET, [JEAN FRÉDÉRIC] ÉMILE.....	Oct. 23, 1905
PHILIPPI, RUDOLF AMANDUS.....	July 23, 1904
PRIEVALSKY, NICOLAS MICHAELOVICH.....	Nov. 1, 1888
PRENTISS, DANIEL WEBSTER.....	Nov. 19, 1899
PRYER, HARRY JAMES STOVIN.....	Feb. 17, 1888
RADDE, GUSTAV FERDINAND RICHARD VON.....	March 15, 1903
RAMSAY, EDWARD PIERSON.....	Dec. 16, 1916
SCHRENCK, LEOPOLD VON.....	Jan. 20, 1894
SÉLYS-LONGCHAMPS, MICHEL EDMOND DE.....	Dec. 11, 1900
SEVERTZOW, NICOLAS ALEKSYEVICH.....	Feb. 8, 1885
SHELLEY, GEORGE ERNEST.....	Nov. 29, 1910
STEVENSON, HENRY.....	Aug. 18, 1888
TRISTRAM, HENRY BAKER.....	March 8, 1906
WHARTON, HENRY THORNTON.....	Sept. —, 1895
WOODHOUSE, SAMUEL WASHINGTON.....	Oct. 23, 1904

## MEMBERS

BAGG, EGBERT.....	July 12, 1915
BROWN, HERBERT.....	May 12, 1913
CAMERON, EWEN SOMERLED.....	May 25, 1915
FANNIN, JOHN.....	June 20, 1904
HARDY, MANLY.....	Dec. 9, 1910
JUDD, SYLVESTER DWIGHT.....	Oct. 22, 1905
KNIGHT, ORA WILLIS.....	Nov. 11, 1913
MILLER, OLIVE THORNE (Mrs. HARRIET MANN MILLER)....	Dec. 25, 1918
RALPH, WILLIAM LEGRANGE.....	July 8, 1907
TORREY, BRADFORD.....	Oct. 7, 1912
WHITMAN, CHARLES OTIS.....	Dec. 6, 1910

## ASSOCIATES

ACKERMAN, JOSEPH MOODY.....	1919
ADAMS, CHARLES FRANCIS.....	May 20, 1893
ALLEN, CHARLES SLOVER.....	Oct. 15, 1893
ANTES, FRANK TALLANT.....	Feb. 6, 1907
ATKINS, HARMON ALBRO.....	May 19, 1885
AVERY, WILLIAM CUSHMAN.....	March 11, 1894
BAILEY, BERT HEALD.....	June 22, 1917
BAILEY, CHARLES E.....	—, 1905
BAIRD, LUCY HUNTER.....	June 19, 1913
BANKS, Miss MARTHA BURR.....	Dec. 13, 1917
BARLOW, CHESTER.....	Nov. 6, 1902
BATTEN, GEORGE.....	Feb. 16, 1918
BAUR, GEORG [HERMANN CARL LUDWIG].....	June 25, 1898
BLAIN, MERRILL WILLIS.....	Dec. 26, 1918
BECKHAM, CHARLES WICKLIFFE.....	June 8, 1888
BERIER, DELAGNEL.....	Feb. 11, 1916
BETTS, NORMAN DEWITT.....	May 21, 1917
BILL, CHARLES.....	April 14, 1897
BIRTWELL, FRANCIS JOSEPH.....	June 28, 1901
BOARDMAN, GEORGE AUGUSTUS.....	Jan. 11, 1901
BODINE, DONALDSON.....	Aug. 26, 1915
BOLLES, FRANK.....	Jan. 10, 1894
BRACKETT, FOSTER HODGES.....	Jan. 5, 1900
BRAINARD, BARRON.....	May 15, 1919
BRANTLEY, WILLIAM FOREACRE.....	Sept. 9, 1914
BREESE, WILLIAM LAWRENCE.....	Dec. 7, 1888
BRENNINGER, GEORGE FRANK.....	Dec. 3, 1905
BRENNAN, CHARLES F.....	March 21, 1907
BREWSTER, EDWARD EVERETT.....	July 1, 1919
BRIGGS, JOSEPH STOCKDALE.....	1918
BROKAW, LOUIS WESTEN.....	Sept. 3, 1897
BROWN, JOHN CLIFFORD.....	Jan. 16, 1901
BROWNE, FRANCIS CHARLES.....	Jan. 9, 1900
BROWNSON, WILLIAM HENRY.....	Sept. 6, 1909
BURKE, WILLIAM BARDWELL.....	April 15, 1914
BURNETT, LEONARD ELMER.....	March 16, 1904
BUTLER, [THOMAS] JEFFERSON.....	Oct. 23, 1913
BUXBAUM, Mrs. CLARA E.....	March 23, 1914
CAIRNS, JOHN SIMPSON.....	June 10, 1895
CALL, AUBREY BRENDON.....	Nov. 20, 1901
CAMPBELL, ROBERT ARGYLL.....	April —, 1897
CANFIELD, JOSEPH BUCKINGHAM.....	Feb. 18, 1904

CARLETON, CYRUS.....	Nov. 15, 1907
CARTER, EDWIN.....	Feb. 3, 1900
CARTER, ISABEL MONTIETH PADDOCK (Mrs. EDGAR N. CARTER)	Sept. 15, 1907
CHADBOURNE, ETHEL RICHARDSON (Mrs. ARTHUR PATTERSON CHADBOURNE).....	Oct. 4, 1908
CHARLES, FRED LEMAR.....	May 6, 1911
CLARK, JOHN NATHANIEL.....	Jan. 13, 1903
COE, WILLIAM WELLINGTON.....	April 26, 1885
COLBURN, WILLIAM WALLACE.....	Oct. 17, 1899
COLLETT, [COLLETTE] ALONZO McGEE.....	Aug. 22, 1902
CONANT, MARTHA WILSON (Mrs. THOMAS OAKES CONANT).....	Dec. 28, 1907
CONKLIN, CHARLES EDGAR.....	Sept. 8, 1916
CORNING, ERASTUS, Jr.....	April 8, 1893
CREHORE, FREDERIC MORTON.....	Oct. 16, 1919
DAFFIN, WILLIAM H.....	April 21, 1902
DAKIN, JOHN ALLEN.....	Feb. 21, 1900
DAVIS, CHARLES HENRY.....	Oct. 5, 1918
DAVIS, SUSAN LOUISE (Mrs. WALTER ROCKWOOD DAVIS).....	Feb. 13, 1913
DAVIS, WALTER ROCKWOOD.....	April 3, 1907
DEXTER, [SIMON] NEWTON.....	July 27, 1901
DODGE, JULIAN MONTGOMERY.....	Nov. 23, 1909
DORN, Prof. LOUIS.....	—, 1918
DUNLOP, ERIC BROOKE.....	May 19, 1917
DYCHE, LEWIS LINDSAY.....	Jan. 20, 1915
ELLIOT, SAMUEL LOWELL.....	Feb. 11, 1889
FAIRBANKS, FRANKLIN.....	April 24, 1895
FARQUHAR, ARTHUR, York, Pa.....	Feb. 21, 1920
FARWELL, Mrs. ELLEN SHELDON DRUMMOND.....	Aug. 6, 1912
FERRY, JOHN FARWELL.....	Feb. 11, 1910
FERRY, MARY BISSELL.....	March 18, 1915
FISHER, WILLIAM HUBBELL.....	Oct. 6, 1909
FOWLER, JOSHUA LOUNSBURY.....	July 11, 1899
FULLER, CHARLES ANTHONY.....	March 16, 1906
FULLER, TIMOTHY OTIS.....	Aug. 17, 1916
GESNER, ABRAHAM HERBERT.....	April 30, 1895
GOSS, BENJAMIN FRANKLIN.....	July 6, 1893
GRONBERGER, SVEN MAGNUS.....	April 24, 1916
HALES, HENRY TEASDEL.....	Nov. 6, 1913
HATCH, JESSE MAURICE.....	May 1, 1898
HAZARD, ROWLAND GIBSON.....	Jan. 23, 1918
HEWITT, CHARLES GORDON.....	March 1, 1920
HILL, WILLIAM HENRY.....	Oct. 14, 1913
HINE, Mrs. JANE LOUISA.....	Feb. 11, 1916
HITCHCOCK, Mrs. ELEANOR BECKWITH.....	March 3, 1917
HOADLEY, FREDERICK HODGES.....	Feb. 26, 1895
HOLMES, LARUE KLINGLE.....	May 10, 1906

HOOPES, JOSIAH.....	Jan. 16, 1904
HOWE, FLORENCE AURELLA.....	July 9, 1913
HOWE, LOUISE.....	Sept. 13, 1912
HOWLAND, JOHN SNOWDEN.....	Sept. 19, 1885
HUBBARD, SARA ANDERSON.....	July 31, 1918
INGALLS, CHARLES EDWARD.....	May 31, 1917
INGERSOLL, JOSEPH CARLETON.....	Oct. 1, 1897
JENKS, JOHN WHIPPLE POTTER.....	Sept. 26, 1894
JEWEL, LINDSEY LOUIN.....	Sept. 5, 1915
JOUY, PIERRE LOUIS.....	March 22, 1894
JUSTICE, HENRY.....	March 1, 1918
KELKER, WILLIAM ANTHONY.....	Feb. 15, 1908
KNAPP, Mrs. HENRY A.....	Spring, 1918
KNIGHT, WILBER CLINTON.....	July 28, 1903
KNOX, JOHN COWING.....	June 10, 1904
KOCH, AUGUST.....	Feb. 15, 1907
KUMLIEN, LUDWIG.....	Dec. 4, 1902
KUMLIEN, THURE LUDWIG THEODOR.....	Aug. 5, 1888
LAKE, LESLIE WALDO.....	Feb. 7, 1916
LANTZ, DAVID ERNEST.....	Oct. 7, 1918
LATIMER, CAROLINE P.....	April 19, 1916
LAWRENCE, ROBERT HOE.....	April 27, 1897
LEE, LESLIE ALEXANDER.....	May 20, 1908
LEVEY, WILLIAM CHARLESWORTH.....	July 5, 1914
LINDEN, CHARLES.....	Feb. 3, 1888
LLOYD, ANDREW JAMES.....	June 14, 1906
LORD, WILLIAM ROGERS.....	Feb. 2, 1916
MABBETT, GIDEON.....	Aug. 15, 1890
MABBOTT, DOUGLAS CLIFFORD.....	Sept. 15, 1918
MAITLAND, ALEXANDER.....	Oct. 25, 1907
MAITLAND, ROBT. LENOX.....	March 11, 1920
MARBLE, CHARLES CHURCHILL.....	Sept. 10, 1900
MARCY, OLIVER.....	March 19, 1899
MARIS, WILLARD LORRAINE.....	Dec. 11, 1895
MARSDEN, HENRY WARDEN.....	Feb. 26, 1914
MC EWEN, DANIEL CHURCH.....	Nov. 1, 1909
MC HATTON, HENRY.....	April 22, 1917
Mc KINLAY, JAMES.....	Nov. 30, 1899
Mc MAHON, WALTER FREEMAN.....	Aug. 28, 1918
MEAD, GEORGE SMITH.....	June 18, 1901
MINOT, HENRY DAVIS.....	Nov. 13, 1890
MORRELL, CLARENCE HENRY.....	July 15, 1902
NICHOLS, HOWARD GARDNER.....	June 23, 1896
NIMS, LEE.....	March 12, 1903
NORTHROP, JOHN ISAIAH.....	June 26, 1891
OLIVER, HENRY KEMBLE.....	Oct. 25, 1919

PARK, AUSTIN FORD.....	Sept. 22, 1893
PAULMIER, FREDERICK CLARK.....	March 4, 1906
POMEROY, GRACE VIRGINIA.....	May 14, 1906
POMEROY, HARRY KIRKLAND.....	Jan. 27, 1915
POWELL, MTS. S. W.....	1918
PUTNAM, FREDERIC WARD.....	Aug. 14, 1915
RAGSDALE, GEORGE HENRY.....	March 25, 1895
RAWLE, FRANCIS WILLIAM.....	June 12, 1911
READY, GEORGE HENRY.....	March 20, 1903
REED, CHESTER ALBERT.....	Dec. 16, 1912
RICHARDSON, JENNESS.....	June 24, 1893
ROBBEN, Miss NANCY P. H.....	1919
ROBINS, JULIA STOCKTON (Mrs. EDWARD ROBINS).....	July 2, 1906
SAND, ISABELLA LOW.....	April 20, 1906
SAVAGE, WALTER GILES.....	Aug. —, 1917
SELOUS, PERCY SHERBORN.....	April 7, 1900
SHANNON, WILLIAM PURDY.....	Oct. 29, 1916
SILSbee, THOMAS.....	April —, 1919
SLATER, JAMES HOWE.....	Feb. 22, 1895
SLEVIN, THOMAS EDWARDS.....	Dec. 23, 1902
SMALL, EDGAR ALBERT.....	April 23, 1884
SMALL, HAROLD WESLEY.....	March 12, 1912
SMITH, CLARENCE ALBERT.....	May 6, 1896
SMITH, RUTH COOK (Mrs. H. A. HAMMOND SMITH).....	Jan. 2, 1912
SNOW, FRANCIS HUNTINGTON.....	Sept. 20, 1908
SOUTHWICK, JAMES MORTIMER.....	June 3, 1904
SPAULDING, FREDERICK BENJAMIN.....	Oct. 22, 1913
STANTON, JONATHAN YOUNG.....	Feb. 17, 1918
STONE, WILLARD HARRISON.....	March 15, 1895
STYER, KATHARINE REBECCA (Mrs. J. J. STYER).....	Jan. 20, 1917
SWEIGER, HELEN BRONSON (Mrs. JACOB L. SWEIGER).....	March 24, 1907
TAYLOR, ALEXANDER O'DRISCOLL.....	April 10, 1910
THOMPSON, MILLETT TAYLOR.....	Aug. 7, 1907
THORNE, PLATT MARVIN.....	March 16, 1897
THORNE, SAMUEL.....	July 4, 1915
THRUBER, EUGENE CARLETON.....	Sept. 6, 1896
TWEEDY, EDGAR.....	Nov. 17, 1918
UPHAM, MARY CORNELIA (Mrs. WILLIAM HENRY UPHAM).....	Nov. 29, 1912
VENNOR, HENRY GEORGE.....	June 8, 1884
WATERS, EDWARD STANLEY.....	Dec. 27, 1902
WALKER, ROBERT LATSHAW.....	Nov. 16, 1916
WELLES, CHARLES SALTER.....	Feb. 24, 1914
WHITE, JAMES CLARKE.....	Jan. 5, 1916
WILEY, LEO.....	Oct. 31, 1918
WILLARD, SAMUEL WELLS.....	May 24, 1887
WILSON, SIDNEY STEWART.....	Nov. 22, 1911

*Deceased Members*

WINDLE, FRANCIS.....	Feb. 24, 1917
WISTER, WILLIAM ROTCH.....	Aug. 21, 1911
WOOD, JOHN CLAIRE.....	June 16, 1916
WOOD, WILLIAM.....	Aug. 9, 1885
WOODRUFF, EDWARD SEYMOUR.....	Jan. 15, 1909
WORTHEN, CHARLES KIMBALL.....	May 27, 1909
WRIGHT, SAMUEL.....	Jan. 18, 1917
YOUNG, CURTIS CLAY.....	July 30, 1902
ZAPPEY, WALTER REAVES.....	Feb. 20, 1914

# THE AUK

A Quarterly Journal of Ornithology

ORGAN OF THE AMERICAN ORNITHOLOGISTS' UNION

Edited by Dr. Witmer Stone

ACADEMY OF NATURAL SCIENCES, LOGAN SQUARE,  
PHILADELPHIA, PA.

To whom all articles and communications intended for publication and all books and publications for review should be sent.

Manuscripts for leading articles must await their turn for publication if others are already on file, but they must be in the editor's hands at least six weeks before the date of issue of the number for which they are intended, and manuscripts for 'General Notes,' 'Recent Literature,' etc., not later than the first of the month preceding the date of issue of the number in which it is desired they shall appear.

Twenty-five copies of leading articles are furnished to authors free of charge. Additional copies or reprints from 'General Notes,' 'Correspondence,' etc., must be ordered from the editor.

## THE OFFICE OF PUBLICATION

8 WEST KING STREET, LANCASTER, PA.

Subscriptions may also be sent to DR. JONATHAN DWIGHT, Business Manager, 43 West 70th St., New York, N. Y. Foreign Subscribers may secure 'The Auk' through Witherby & Co., 326 High Holborn, London, W. C.

Subscription, \$3.00 a year. Single numbers, 75 cents.

Free to Honorary Fellows, and to Fellows, Members, and Associates of the A. O. U., not in arrears for dues.

---

## OFFICERS OF THE AMERICAN ORNITHOLOGISTS' UNION

*President*, JOHN HALL SAGE, Portland, Conn.

*Vice-Presidents*, WITMER STONE, Academy of Natural Sciences, Philadelphia. GEORGE BIRD GRINNELL, 238 E. 15th St., New York.

*Secretary*, T. S. PALMER, 1939 Biltmore St., Washington, D. C.

*Treasurer*, JONATHAN DWIGHT, 43 W. 70th St., New York.

---

## SEPARATES FOR SALE

In order to meet a general demand for separates of the leading articles published in 'The Auk' arrangements have been made to furnish copies of any leading article published in the present issue and following issues, at 25 cents each, post paid.

Orders for these separates should be addressed to the editor:

DR. WITMER STONE,  
ACADEMY OF NATURAL SCIENCES,  
LOGAN SQUARE, PHILADELPHIA, PA.

PUBLICATIONS OF THE  
**American Ornithologists' Union**

FOR SALE AT THE FOLLOWING PRICES:

**The Auk.** Complete set, Volumes I-XXXVI, (1884-1919) in original covers, \$120.00. Volumes I-VI are sold only with complete sets, other volumes, \$3.00 each; 75 cents for single numbers.

**Index to The Auk** (Vols. I-XVII, 1884-1900) and Bulletin of the Nuttall Ornithological Club (Vols. I-VIII, 1876-1883), 8vo, pp. vii + 426, 1908. Paper, \$3.25.

**Index to The Auk** (Vols. XVIII-XXVII, 1901-1910), 8vo, pp. xviii + 250, 1915. Paper, \$2.00.

**Check-List of North American Birds.** \$3.00. Second edition, revised, 1895. Cloth, 8vo, pp. xi + 372. \$1.15. Original edition 1886, and third edition, 1910, out of print.

**Abridged Check-List of North American Birds.** 1889. (*Abridged and revised from the original edition*). Paper, 8vo, pp. 71, printed on one side of the page. 25 cents.

**Pocket Check-List of North American Birds.** (*Abridged from the third edition*). Flexible cover,  $3\frac{1}{4} \times 5\frac{3}{4}$  inches. 30 cents. Ten copies \$2.50.

**Code of Nomenclature.** Revised edition, 1908. Paper, 8vo, pp. lxxxv. 50 cents.

Original edition, 1892. Paper, 8vo, pp. iv + 72. 25 cents.

---

**A. O. U. Official Badge.** An attractive gold and blue enamel pin, with Auk design, for use at meetings or on other occasions. Post-paid, 50 cents.

Address **JONATHAN DWIGHT**

43 W. 70th STREET

NEW YORK, N. Y.