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The Auk

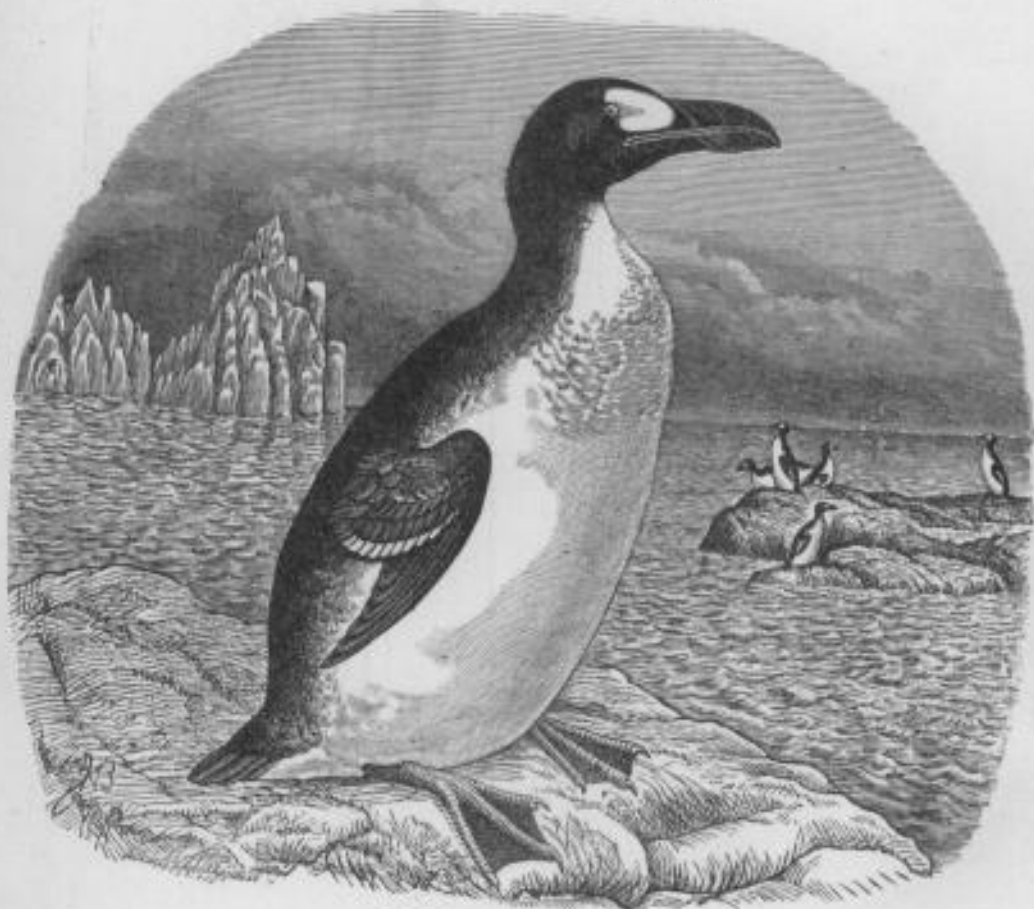
A Quarterly Journal of Ornithology

EDITOR

J. A. ALLEN

ASSOCIATE EDITOR

FRANK M. CHAPMAN



VOLUME XI

PUBLISHED FOR

The American Ornithologists' Union

NEW YORK

L. S. FOSTER

1894

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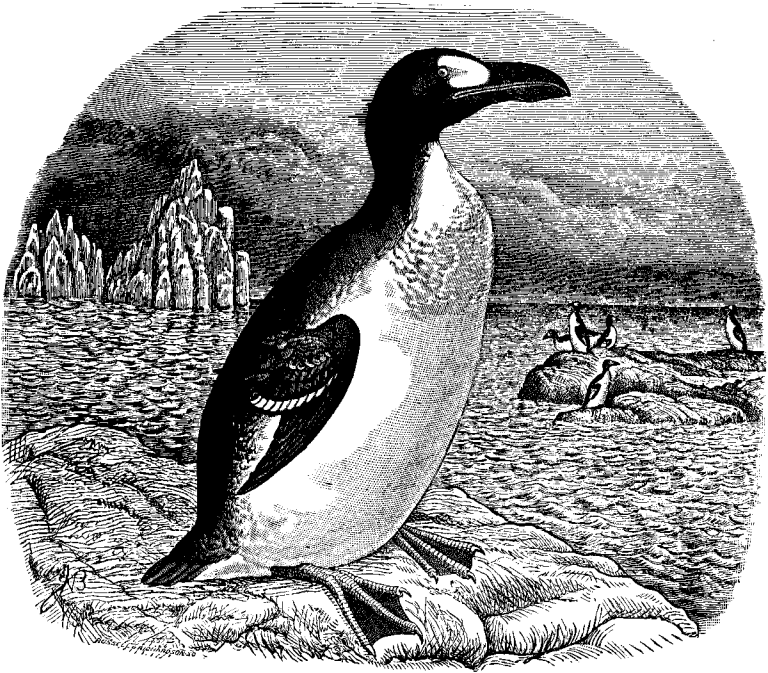
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RATHBUN, SAMUEL F., Seattle, Wash.....	1893
RAWSON, CALVIN L., Norwich, Conn.....	1885
REDINGTON, ALFRED P., 23 Second St., San Francisco, Cala.....	1890
REED, CHARLES K., Worcester, Mass.....	1890
REED, J. HARRIS, Beverly, N. J.....	1890
REISER, Rev. F., Marysville, Cala.....	1892
RENWICK, FRANK H., Seattle, Wash.....	1893
RHOADS, SAMUEL N., Haddonfield, N. J.....	1885
RICE, FRANK L., 47 S. Canal St., Chicago, Ills.....	1886
RICHARDS, JOHN BION, 8 Barnaby St., Fall River, Mass.....	1888
RICHARDSON, W. M., Am. Mus. Nat. Hist., New York City.....	1891
RICHMOND, CHARLES W., 1908 9th St., N. W., Washington, D. C.....	1888
RIDGWAY, JOHN L., U. S. Geol. Surv., Washington, D. C.....	1890
RIECKER, ERNST, 900 South 4th St., St. Louis, Mo.....	1888
RIKER, C. B., South Orange, N. J.....	1885
RIVES, Dr. WILLIAM C., 113 East 38th St., New York City.....	1885
ROBBINS, WILLIAM A., 178 Garfield Place, Brooklyn, N. Y.....	1888

ROBERTS, GEORGE W., West Chester, Pa.....	1891
ROBERTS, W. F., 1421 G St., N. W., Washington, D. C.....	1888
RODDY, Prof. H. JUSTIN, Millersville, Pa.....	1891
ROOSEVELT, Hon. THEODORE, Oyster Bay, Queens Co., N. Y.....	1888
ROTZELL, Dr. W. E., Narberth, Pa.....	1893
ROWLAND, THOMAS, 182 6th Ave., New York City.....	1890
ROWLEY, JOHN, Jr., Am. Mus. Nat. Hist., New York City.....	1889
RUSSELL, GEORGE C., Meadville, Pa.....	1888
RUSSELL, ROY, Kokomo, Indiana.....	1891
SAGE, HENRY M., Albany, N. Y.....	1885
SARGENT, HARRY B., Niagara Falls, N. Y.....	1892
SCHALER, JOHN, Stamford, Conn.....	1893
SCHLEGEL, Miss MATILDE, East Aurora, N. Y.....	1889
SCHIURR, THEODORE A., Pittsfield, Mass.....	1888
SCHWAB, Rev. L. H., 101 Lawrence St., New York City.....	1892
SCOTT, W. L., 74 Sparks St., Ottawa, Ontario.....	1883
SCROGGS, Dr. G. A., Beaver, Pa.....	1891
SHEARER, AMON R., Ames, Iowa.....	1893
SHEPPARD, EDWIN, Acad. Nat. Sci., Philadelphia, Pa.....	1892
SHERRATT, W. J., 263 North 2d St., Philadelphia, Pa.....	1891
SHORES, Dr. E. I., Soldiers' Home, Hampton, Va.....	1883
SHORT, ERNEST H., Chili, N. Y.....	1891
SHRYOCK, WILLIAM A., 823 N. Broad St., Philadelphia, Pa.....	1893
SLADE, JOHN A., 1134 Herkimer St., Brooklyn, N. Y.....	1888
SMALL, FREDERIC L., Provincetown, Mass.....	1891
SMITH, CLARENCE A., 30 W. Bijou St., Colorado Springs, Col.....	1889
SMITH, HORACE G., Jr., 2918 Lafayette St., Denver, Col.....	1888
SMITH, Dr. HUGH M., 1248 New Jersey Ave., Washington, D. C.....	1886
SMITH, JAMES E., East Killingly, Conn.....	1889
SMITH, LUTHER H., Box 132, Pittsburgh, Pa.....	1891
SMITH, S. SIDNEY, 59 Wall St., New York City.....	1888
SMYTH, Prof. ELLISON A., Jr., Va. Agr. and Mech. Coll., Blacksburg, Va.....	1892
SORNBORGER, JEWELL D., Cambridge, Mass.....	1888
SOUTHWICK, E. B., Arsenal Bldg., Central Park, New York City....	1888
SPELMAN, HENRY MUNSON, 62 Sparks St., Cambridge, Mass.....	1883
SPRAGUE, JOHN C., 38 Wall St., New York City.....	1891
STANTON, Prof. J. Y., Bates College, Lewiston, Me.....	1883
STEERE, Prof. J. B., Univ. of Mich., Ann Arbor, Mich.....	1890
STEPHENS, F., Witch Creek, San Diego Co., Cal.....	1883
STOEY, W. W., Harrisburg, Pa.....	1891
STONE, D. D., Lansing, N. Y.....	1891
STONE, Dr. W. H., Palmer, Mass.....	1893
STONEBURN, FRED. H., Harrisburg, Pa.....	1893
STREATOR, CLARK P., Garrettsville, O.....	1889
STRODE, Dr. W. S., Lewistown, Ill.....	1889
STRONG, REUBEN M., Oberlin, Ohio.....	1889

STUDER, JACOB H., P. O. Box 2417, New York City.....	1888
SURBER, THADDEUS, White Sulphur Springs, West Va.....	1890
SWALLOW, C. W., Willsburgh, Multuoma Co., Oregon.....	1890
SWINBURNE, JOHN, Guernsey, England.....	1887
TALBOT, D. H., Sioux City, Iowa.....	1885
TATLOCK, JOHN, Jr., Mutual Life Ins. Co., New York City.....	1887
TAYLOR, ALEXANDER O'DRISCOLL, 124 Bellevue Ave., Newport, R. I.	1888
TAYLOR, H., 63 Park Place, Bridgeport, Conn.....	1893
TAYLOR, TRUMAN R., 90 William St., Rochester, N. Y.....	1892
TEST, F. C., U. S. Nat. Mus., Washington, D. C.....	1892
THOMPSON, ERNEST E., 86 Howard St., Toronto, Ontario.....	1883
THOMPSON, FRANK J., Zoölogical Garden, Philadelphia, Pa.....	1885
THOMSON, Prof. GEORGE S., Boulder, Colo.....	1892
THORNE, Capt. PLATTE M., 22d Inf. U. S. A., 513 Broadway, Albany, N. Y.....	1885
THURBER, E. CARLETON, Alhambra, Cala.....	1886
TODD, LOUIS M., Calais, Me.....	1887
TODD, W. E. CLYDE, Dept. Agriculture, Washington, D. C.....	1890
TOPPAN, GEORGE L., 138 Jackson St., Chicago, Ill.....	1886
TORREY, BRADFORD, Wellesley Hills, Mass.....	1883
TORTAT, W. R. M., Atchison, Kansas.....	1890
TOWNSEND, CHARLES H., Fish Comm., Washington, D. C.....	1883
TREAT, WILLARD E., East Hartford, Conn.....	1885
TREICHLER, Dr. A. C., Elizabethtown, Pa.....	1891
TROMBLEY, JEROME, Petersburg, Mich.....	1885
TROTTER, Dr. SPENCER, Swarthmore College, Swarthmore, Pa.....	1888
TUTTLE, Dr. CARL, Berlin Heights, O.....	1890
VAN CORTLANDT, Miss ANNE S., Croton-on-Hudson, N. Y.....	1885
VAN DENBURG, JOHN, Los Gatos, Cala.....	1893
VELIE, Dr. J. W., St. Joseph, Mich.....	1886
VERRILL, ALPHEUS H., New Haven, Conn.....	1888
VILARO, Dr. JUAN, Havana Univ., Havana, Cuba.....	1888
VOORHEES, CLARK G., 59 East 75th St., New York City.....	1888
WAKEFIELD, JULIUS R., Dedham, Mass.....	1885
WALCOTT, ROBERT, 11 Waterhouse St., Cambridge, Mass.....	1893
WALKER, Dr. R. L., Mansfield Valley, Pa.....	1888
WARREN, Dr. B. H., West Chester, Pa.....	1885
WARREN, O. B., Palmer, Mich.....	1892
WEBSTER, FREDERIC S., 114 5th Ave., New York City.....	1886
WEBB, WALTER F., Geneva, N. Y.....	1891
WEST, LEWIS H., Roslyn, Queens Co., N. Y.....	1887
WEST, SAMUEL H., 76 Devoe St., Brooklyn, N. Y.....	1889
WHITE, FRANCIS BEACH, Cambridge, Mass.....	1891
WHITE, HARRY GORDON, 39 Union St., Taunton, Mass.....	1889
WHITE, STEWART E., Grand Rapids, Mich.....	1890
WHITNEY, Prof. E. R., Binghamton, N. Y.....	1891
WHOLEY, W. N., 204 Brady Ave., Baltimore, Md.....	1891

WICKHAM, H. H., Beaver, Pa.....	1890
WICKS, M. L., Jr., Los Angeles, Cal.....	1890
WILLIAMS, J. BICKERTON, 710 Sherbrooke St., Montreal, Can.....	1889
WILLIAMS, ROBERT S., Columbia Falls, Montana.....	1888
WILLIAMS, W. J. B., Holland Patent, N. Y.....	1893
WINTLE, ERNEST D., 11 Hospital St., Montreal, Can.....	1887
WOOD, A. H., Painted Post, N. Y.....	1887
WOOD, Mrs. JOSEPH, West Brookfield, Mass.....	1893
WOODMAN, EDMUND J., Harvard Univ., Cambridge, Mass.....	1890
WOODRUFF, LEWIS B., 14 East 68th St., New York City.....	1886
WOODS, WILLIAM J., State Bank Bld., Richmond, Va.....	1892
WORTHEN, CHARLES K., Warsaw, Ill.....	1891
WORTHINGTON, R. B., Dedham, Mass.....	1893
WORTHINGTON, WILLIS W., Shelter Island, Suffolk Co., N. Y.....	1889
WYE, SAMUEL A., Tacoma, Washington.....	1891
YORKE, Dr. F. HENRY, Hallock, Minn.....	1891
YOUNG, CURTIS CLAY, 63 Greene Ave., Brooklyn, N. Y.....	1891

DECEASED MEMBERS.

ACTIVE MEMBERS.

	<i>Date of Death.</i>
BAIRD, SPENCER FULLERTON	Aug. 19, 1887
GOSS, N. S.....	March 10, 1891
HOLDER, JOSEPH B.....	Feb. 28, 1888
JEFFRIES, JOHN AMORY.....	March 26, 1892
WHEATON, JOHN M.....	Jan. 28, 1887

HONORARY MEMBERS.

BURMEISTER, HERMANN.....	May 1, 1892
GURNEY, JOHN HENRY.....	April 20, 1890
KRAUS, FERDINAND.....	Sept. 15, 1890
PARKER, WILLIAM KITCHEN.....	July 3, 1890
PELZELN, AUGUST VON.....	Sept. 2, 1891
SCHLEGEL, HERMANN	Jan. 17, 1884
TACZANOWSKI, LADISLAS.....	Jan. 17, 1890

CORRESPONDING MEMBERS.

BLAKISTON, THOMAS W.....	Oct. 15, 1891
BOGDANOW, MODEST N.....	March 4, 1888
HAAST, JULIUS VON.....	Aug. 15, 1887
HOMEYER, E. F. VON.....	May 31, 1889

MARSHALL, A. F.....	Oct. 11, 1887
PREJEVALSKI, N. M.....	Oct. 20, 1887
PRYER, HARRY JAMES STOVIN.....	Feb. 17, 1888
SEVERTZOW, N.....	Feb. 8, 1885
STEVENSON, HENRY.....	Aug. 18, 1888

ASSOCIATE MEMBERS.

ADAMS, CHARLES F.....	May 20, 1893
ALLEN, CHARLES SLOVER.....	Oct. 15, 1893
ATKINS, H. A.....	May 19, 1885
BECKHAM, CHARLES WICKLIFFE.....	June 8, 1888
BREESE, WILLIAM L.....	Dec. 7, 1889
CORNING, ERASTUS, JR.....	April 9, 1893
COE, W. W.....	April 26, 1885
ELLIOTT, S. LOWELL.....	Feb. 11, 1889
GOSS, BENJAMIN F.....	July 6, 1893
HOWLAND, JOHN SNOWDON.....	Sept. 19, 1885
KUMLIEN, THURE.....	Aug. 5, 1888
LINDEN, CHARLES.....	Feb. 3, 1888
MABBETT, GIDEON.....	Aug. 15, 1890
MINOT, HENRY DAVIS.....	Nov. 13, 1890
NORTHROP, JOHN I.....	June 26, 1891
PARK, AUSTIN F.....	Sept 22, 1893
RICHARDSON, JENNESS.....	June 24, 1893
SMALL, EDGAR A.....	April 24, 1884
VENNOR, H. G.....	June 8, 1884
WILLARD, SAMUEL WELLS.....	May 24, 1887
WOOD, WILLIAM.....	Aug. 9, 1885