

OLD SERIES,
VOL. XIII. }

CONTINUATION OF THE
BULLETIN OF THE NUTTALL ORNITHOLOGICAL CLUB

{ NEW SERIES
VOL. V

The Auk

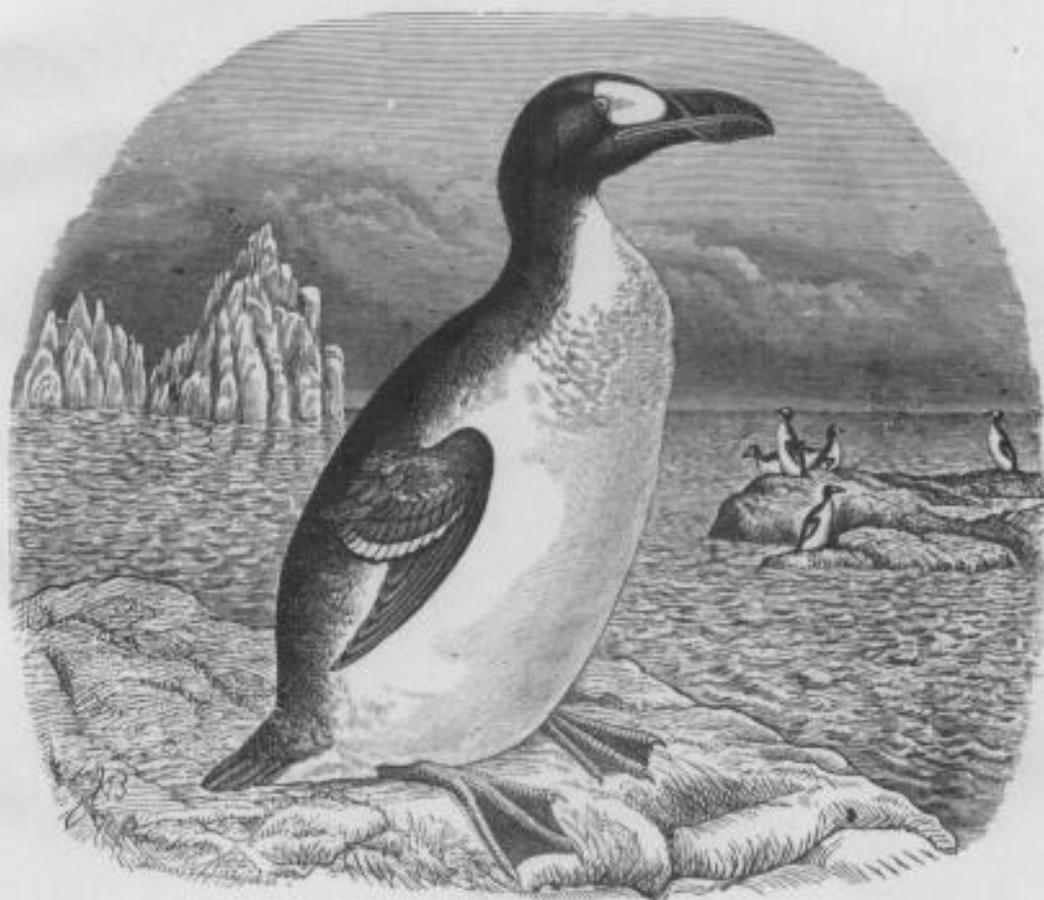
A Quarterly Journal of Ornithology

EDITOR,

J. A. ALLEN

ASSOCIATE EDITOR

C. F. BATCHELDER



VOLUME V

PUBLISHED FOR

The American Ornithologists' Union

NEW YORK

L. S. FOSTER

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Volume 5 No. 1

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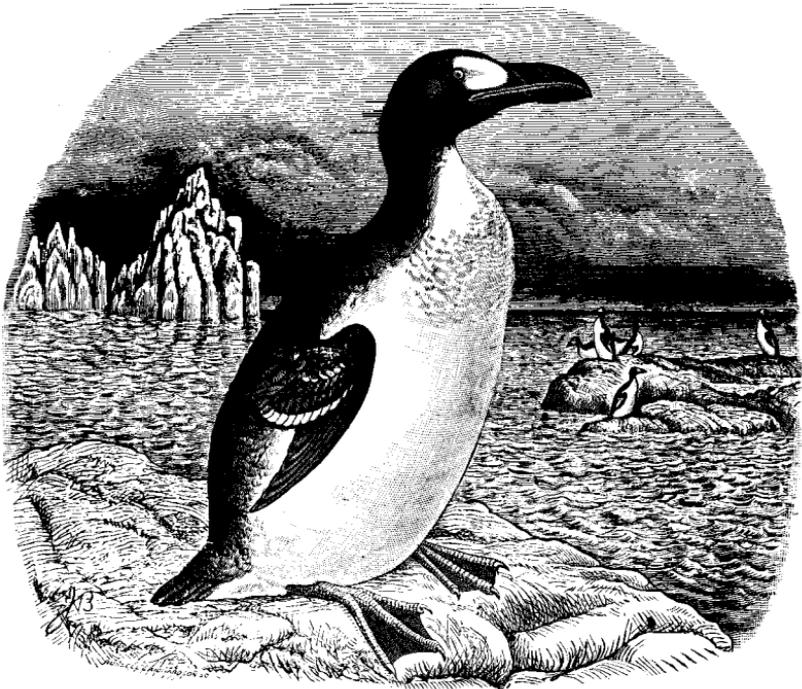
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CONTENTS OF VOLUME V.

NUMBER I.

	PAGE
SPENCER FULLERTON BAIRD. By <i>Robert Ridgway</i>	1
UPPER MISSOURI RIVER BIRDS. By <i>Robert S. Williams</i>	14
AN ANNOTATED LIST OF BIRDS BREEDING IN THE DISTRICT OF COLUMBIA. By <i>Charles W. Richmond</i>	18
FEEDING HABITS OF <i>Pelecanus erythrorhynchos</i> . By <i>N. S. Goss</i>	25
NOTES ON <i>Gymnistiops montezumæ</i> . By <i>N. S. Goss</i>	27
ON THE AVIFAUNA OF PINAL COUNTY, WITH REMARKS ON SOME BIRDS OF PIMA AND GILA COUNTIES, ARIZONA. By <i>W. E. D. Scott</i> . With annotations by <i>J. A. Allen</i>	29
NEW FORMS OF NORTH AMERICAN <i>Chordiles</i> . By <i>Elliott Coues</i>	37
OBSERVATIONS ON NOCTURNAL MIGRATION OF BIRDS. By <i>Frank M. Chapman</i>	37
NOTES ON THE <i>Peucea ruficeps</i> GROUP, WITH DESCRIPTION OF A NEW SUBSPECIES. By <i>George B. Sennett</i>	40
DESCRIPTIONS OF A NEW SPECIES AND TWO NEW SUBSPECIES OF BIRDS FROM TEXAS. By <i>George B. Sennett</i>	43
DESCRIPTION OF A SUPPOSED NEW FORM OF <i>Margarops</i> FROM DOMINICA. By <i>Charles B. Cory</i>	47
AN APPARENTLY NEW <i>Elainea</i> FROM BARBADOES, WEST INDIES. By <i>Charles B. Cory</i>	47
THE BIRDS OF THE WEST INDIES, INCLUDING THE BAHAMA ISLANDS, THE GREATER AND THE LESSER ANTILLES, EXCEPTING THE ISLANDS OF TOBAGO AND TRINIDAD. By <i>Charles B. Cory</i>	48
DESCRIPTIONS OF SUPPOSED NEW BIRDS FROM LOWER CALIFORNIA, SONORA, AND CHIHUAHUA, MEXICO, AND THE BAHAMAS. By <i>William Brewster</i>	82
FIFTH MEETING OF THE AMERICAN ORNITHOLOGISTS' UNION	95

RECENT LITERATURE.

Coues's 'Key to North American Birds,' New Edition, 101; Townsend's Field-notes on the Birds of Northern California, 104; Shufeldt's Contributions to Avisection, 104; A New Ornithichnite, 105; Clark's 'Birds of Amherst', 105; Publications Received, 106.

GENERAL NOTES.

Larus atricilla at Springfield, Mass., 107; The Yellow-nosed Albatross (*Thalassogeron culminatus*) in the Gulf of St. Lawrence, 107; Cory's Shearwater at Newport, R. I., 108; The Black Duck in Chihuahua, 108; *Rallus longirostris crepitans* Breeding on the Coast of Louisiana, 108; *Ionornis martinica* in Arizona, 109;

Habits of the Purple Gallinule (*Lonornis martinica*), 109; Unexpected Occurrence of Certain Shore Birds in Texas in Midsummer and in Breeding Plumage, 110; The European Kestrel in Massachusetts, 110; *Ulula cinerea* in Steuben Co., New York, 110; *Megascops asio floridanus* in Louisiana, 111; *Ceophlaeus pileatus* in Franklin County, Massachusetts, 111; Breeding of the Prairie Horned Lark in Eastern New York—A Correction, 111; The Prairie Horned Lark (*Otocoris alpestris praticola*) on the Coast of Massachusetts, 111; Occurrence of the Florida Blue Jay (*Cyanocitta cristata florincola*) in Southwestern Texas, 112; Abnormal Plumage of *Xanthocephalus xanthocephalus*, 112; Notice of the Presence of *Quiscalus quiscula œneus* in Upper South Carolina, 113; *Quiscalus quisculi aglaeus* in Louisiana, 113; Breeding of the Evening Grosbeak (*Coccothraustes vespertina*) in the White Mountains of Arizona, 113; Occurrence of *Coccothraustes vespertina* in Iowa, 114; *Loxia curvirostra minor* again at Yemassee, S. C., 115; A Philadelphia Vireo and a Cowbird, 115; *Helminthophila leucobronchialis* in Pennsylvania, 115; The Yellow-breasted Chat Breeding in Malden, Mass., 116; *Sylvania mitrata* at Germantown, Pennsylvania, in November, 116; On the Nesting of Palmer's Thrasher, 116; Feeding Habits of *Sitta canadensis*, 118; Spotted Eggs of *Parus gambeli*, 118; What Birds indicate Proximity to Water, and at What Distance, 119.

CORRESPONDENCE.

Propatagialis cucullaris, 120.

NOTES AND NEWS.

The Audubon Monument, 123; The Bird Collection of the British Museum, 124; Seebohm's 'Geographical Distribution of the Charadriidae, 125; Editorship of 'The Auk,' 126; 'Discovery' in regard to the Soaring of Birds, 126; Destruction of Birds in Florida, 128.

APPENDIX.

By-Laws and Rules of the American Ornithologists' Union, ix; Lists of Officers and Members of the American Ornithologists' Union, December, 1887, xix.

NUMBER II.

	PAGE
THE BIRD ROCKS OF THE GULF OF ST. LAWRENCE IN 1887. By <i>Frederic A. Lucas</i>	129
ON THREE APPARENTLY NEW SUBSPECIES OF MEXICAN BIRDS. By <i>William Brewster</i>	136
NOTES ON THE BIRDS OF FORT KLAMATH, OREGON. By <i>Dr. F. C. Merrill, U. S. A.</i> With remarks on certain Species by <i>William Brewster</i>	139
ADDITIONS TO THE AVIFAUNA OF WASHINGTON AND VICINITY. By <i>Hugh M. Smith and William Palmer</i>	147

NOTES ON THE SUMMER BIRDS OF HOLDERNESS, BETHLEHEM, AND FRANCONIA, N. H. By <i>Walter Faxon</i> and <i>F. A. Allen</i>	149
THE BIRDS OF THE WEST INDIES, INCLUDING THE BAHAMA ISLANDS, THE GREATER AND THE LESSER ANTILLES, EXCEPTING THE ISLANDS OF TOBAGO AND TRINIDAD. By <i>Charles B. Cory</i>	155
ON THE AVIFAUNA OF PINAL COUNTY, WITH REMARKS ON SOME BIRDS OF PIMA AND GILA COUNTIES, ARIZONA. By <i>W. E. D. Scott</i> . With Annotations by <i>F. A. Allen</i>	159
A DESCRIPTION OF AN APPARENTLY NEW SPECIES OF <i>Trochilus</i> FROM CALIFORNIA. By <i>F. Amory Jeffries</i>	168
BIRD NOTES FROM LONG ISLAND, N. Y. By <i>William Dutcher</i>	169
SUPPLEMENTARY NOTES FROM THE GULF COAST OF FLORIDA, WITH A DESCRIPTION OF A NEW SPECIES OF MARSH WREN. By <i>W. E. D. Scott</i>	183

RECENT LITERATURE.

Chamberlain's Canadian Birds, 189; Seebohm's 'Geographical Distribution of the Charadriidæ,' 189; Ridgway on New or Little-known American Birds, 194; Ridgway on Wuerdemann's Heron, 195; Ridgway on the Breeding of *Trogon ambiguus* in Arizona, 195; Stejneger on Japanese Birds, 195; Stejneger on Hawaiian Birds, 196; Stejneger on Birds of the Commander Islands, 197; Stejneger on Palearctic Bullfinches, 197; Lucas on the Osteology of the Spotted Tinamou, 198; Shufeldt on Bird Skulls and *Sterna* collected by Dr. Streets, 198; Chamberlain's 'Systematic Table of Canadian Birds,' 198; Sclater and Hudson's 'Argentine Ornithology,' 199; Publications Received, 200.

GENERAL NOTES.

Æchmophorus occidentalis in Kansas, 201; *Puffinus borealis* at Gardiner's Bay, N. Y., 202; Eggs of the Ivory Gull (*Gavia alba*), 202; The Old-squaw (*Clangula hyemalis*) in South Carolina, 203; Surf Scoter (*Oidemia perspicillata*) in Kansas, 203; Note on Rostrallinæ, 204; The Wild Turkey in Massachusetts, 204; The European Kestrel in Massachusetts — A Correction, 205; First Occurrence of the Western Red-tail in Ontario, 205; Dichromatism in the Genus *Nyctidromus*, 205; On the Further Occurrence of *Otocoris alpestris praticola* in Chester County, South Carolina, 206; Corydomorphæ, 207; *Molothrus ater* again in Massachusetts in Winter, 207; Blackbird Flights at Burlington, Iowa, 207; *Quiscalus quiscula aglaeus* at Charleston, South Carolina, 208; The Evening Grosbeak in Ontario, 208; *Loxia curvirostra minor* taken again at Yemassee, S. C., 208; *Carpodacus purpureus* at Portland, Maine, in Winter, 209; *Ammodramus leconteii* at Yemassee, S. C., 210; *Ammodramus henslowii* wintering in large numbers at Yemassee, S. C., 210; Occurrence of *Vireo flavoviridis* at Riverside, Cal, 210; The Northern Range of *Oporornis formosa* in Illinois, 210; *Protonotaria citrea* in Montgomery County, Pennsylvania, 210; *Dendroica tigrina* at Iowa City, in November, 211; Bird Notes from Toronto, 211.

CORRESPONDENCE.

Observations on the Pterylosis of Certain Picidæ, 212; Polydactylism in Birds, 218.

NOTES AND NEWS.

Obituary. — Dr. Joseph B. Holder, Prof. Charles Linden, 220; The Audubon Monument, 221; A. O. U. 'By-Laws and Rules' and 'List of Members,' 221; A. O. U. and 'Auk' Matters, 222; Ornithological Societies, 222; American Museum Collection of Birds, 222; 'Interlocking' of the Primaries in Birds, 223; Bibliography of Canadian Ornithology, 224; New Ornithological Periodicals, 224; Ornithological Explorations in Mexico, 224.

NUMBER III.

	PAGE
NOTES ON THE HABITS, NESTS AND EGGS OF THE GENUS <i>Sphyrapicus</i> BAIRD. By Capt. Chas. E. Bendire	225
NEW AND RARE BIRDS FOUND BREEDING ON THE SAN PEDRO MARTIR ISLE. By N. S. Goss	240
FEEDING HABITS OF SOME YOUNG RAPTORES. By H. Justin Roddy.	244
NOTES RELATIVE TO THE SENSE OF SMELL IN THE TURKEY BUZZARD (<i>Cathartes aura</i>). By C. L. Hopkins	248
NOTES ON THE BIRDS OF FORT KLAMATH, OREGON. By Dr. J. C. Merrill, U. S. A. With Remarks on Certain Species by William Brewster	251
DESCRIPTION OF A NEW <i>Tityra</i> FROM WESTERN MEXICO. By Robert Ridgway	263
DESCRIPTION OF A NEW SPECIES OF HUMMINGBIRD OF THE GENUS <i>Agyrtria</i> . By D. G. Elliot, F. R. S. E.	263
ON A NEW SUBSPECIES OF <i>Ammodramus sandwichensis</i> FROM MEXICO. By Amos W. Butler	264
DESCRIPTION OF A NEW <i>Myiarchus</i> FROM THE WEST INDIES. By Charles B. Cory	266
A LIST OF BIRDS OBSERVED AT GAINESVILLE, FLORIDA. By Frank M. Chapman	267
GREAT AUK NOTES. By Frederic A. Lucas	278
DESCRIPTIONS OF TWO NEW SUBSPECIES OF THE SEASIDE SPARROW (<i>Ammodramus maritimus</i>). By J. A. Allen	284
DESCRIPTION OF A NEW SPECIES OF THE GENUS <i>Tityra</i> FROM ECUADOR. By J. A. Allen	287
THE JACANIDÆ. By D. G. Elliot, F. R. S. E.	288
A NEW FORM OF CLAPPER RAIL. By George B. Sennett	305

RECENT LITERATURE.

Palmén's Contributions to the Knowledge of the Bird Fauna of the Siberian Coasts of the Arctic Sea, 306; A Catalogue of the Birds of North Carolina, 311; Minor Ornithological Publications, 312; Publications Received, 317.

GENERAL NOTES.

Occurrence of *Larus marinus* on the Southern Coast of New Jersey, 318; The Yellow-nosed Albatross (*Thalassogeron culminatus*), 318; *Oidemia perspicillata* in Florida, 319; An Addition to the List of North American Birds, 319; The Yellow Rail in Connecticut, 319; Notes on *Melanerpes torquatus*, 319; Early Nesting of *Otocoris alpestris praticola*, 320; Pine Grosbeak in Fulton Co., Kentucky, 321; Occurrence of the Chestnut-collared Longspur (*Calcarius ornatus*) and also of McCown's Longspur (*Rhynchophanes mccownii*) in Apache Co., Arizona, 321; *Euethia canora*

from Sombrero Key, Florida.—A Bird New to the United States, 322; An Abnormal Scarlet Tanager, 322; Prothonotary Warbler in Ontario, 322; Bachman's Warbler (*Helminthophila bachmani*) in Louisiana, 323; *Helminthophila celata* in Connecticut, 323; *Dendroica carulea* in the District of Columbia, 323; *Seiurus noveboracensis notabilis* in South Carolina, 324; Two Records for Long Island, New York, 324; Birds at Aiken, S. C., 324; Notes on Louisiana Birds, 324; Observations on Bird Migration at Milwaukee, 325; Osteological Notes upon Puffins and Ravens, 328; Abnormalities in the Ribs of Birds, 329.

CORRESPONDENCE.

The Sternum in the Solitary Sandpiper, and other Notes, 330.

NOTES AND NEWS.

Obituary.—Henry James Stovin Pryer, 332; Dr. Modest N. Bogdanow, 333; Bird Destruction, 334; Edible Birds'-nests, 335; Explorations in the West Indies, 335; Subscriptions for the Audubon Monument, 336.

NUMBER IV.

	PAGE
BREEDING OF THE GOLDEN-CRESTED KINGLET (<i>Regulus satrapa</i>) IN WORCESTER COUNTY, MASSACHUSETTS, WITH A DESCRIPTION OF ITS NEST AND EGGS. By <i>William Brewster</i>	337
BIRDS OF CARROLL COUNTY, INDIANA. By <i>Barton W. Evermann</i>	344
NOTES ON THE NEST AND EGGS OF <i>Peucaea aestivalis bachmanii</i> AUD., BACHMAN'S SPARROW. By <i>Capt. Charles E. Bendire</i>	351
NOTES ON THE BIRDS OF FORT KLAMATH, OREGON. By <i>Dr. J. C. Merrill, U. S. A.</i> With Remarks on Certain Species by <i>William Brewster</i>	357
NOTES ON THE HABITS, NESTS AND EGGS OF THE GENUS <i>Glaucidium</i> BOIE. By <i>Capt. Charles E. Bendire</i>	366
A SUMMARY OF OBSERVATIONS ON THE BIRDS OF THE GULF COAST OF FLORIDA. By <i>W. E. D. Scott</i>	373
TESTIMONY OF SOME EARLY VOYAGERS ON THE GREAT AUK. By <i>Fannie P. Hardy</i>	380
NESTING OF THE RED-FACED WARBLER (<i>Cardellina rubrifrons</i>) IN THE HUACHUCA MOUNTAINS, SOUTHERN ARIZONA. By <i>W. W. Price</i>	385
NOTES ON THE BIRDS OF WINCHENDON, WORCESTER COUNTY, MASSACHUSETTS. By <i>William Brewster</i>	386
LIST OF ADDITIONS TO THE NORTH AMERICAN AVIFAUNA AND OF ELIMINATIONS AND CHANGES IN NOMENCLATURE PROPOSED SINCE THE PUBLICATION OF THE A. O. U. CHECK-LIST. By <i>Frank M. Chapman</i>	393
DESCRIPTION OF THE BREEDING PLUMAGE OF CHADBOURNE'S FIELD SPARROW (<i>Spizella arenacea</i>), WITH EVIDENCE OF ITS SPECIFIC DISTINCTNESS. By <i>Dr. C. Hart Merriam</i>	402
DESCRIPTION OF A NEW SPECIES OF WREN FROM THE ISLAND OF TOBAGO, WEST INDIES. By <i>George N. Lawrence</i>	404

DESCRIPTION OF AN APPARENTLY NEW <i>Pooecetes</i> FROM OREGON. By G. S. Miller, Jr.	404
NESTING OF THE PRAIRIE WARBLER (<i>Dendroica discolor</i>) IN THE VI- CINITY OF WASHINGTON, D. C. By Elliott Baird Coues	405

RECENT LITERATURE.

Turner's Report of his Ornithological Observations in Alaska, 409; Sharpe's Catalogue of the Family Fringillidæ, 410; Shufeldt on the Osteology of the Icteridæ and Corvidæ, 413; Shufeldt on the Skeleton of the Carolina Rail, 414; Vernacular Ornithology, 414; Allen on the Emargination of the Primaries, 418; Birds of Morris County, New Jersey, 421; Publications Received, 422.

GENERAL NOTES.

Note on the Correct Name of *Symphemia semipalmata inornata* Brewst., 423; A Second Maine and (Fourth New England) Specimen of Swainson's Hawk (*Buteo swainsoni*), 424; Nesting of the Black Swift, 424; Xantus's Becard (*Platypsaris albiventris*) in the Huachuca Mountains, Southern Arizona, 425; *Coccothraustes vespertina* in Nebraska, 425; Tameness of the Pine Siskin, 426; Further Notes on Seaside Sparrows, 426; A Second Instance of the Breeding of the White-throated Sparrow in Eastern Massachusetts, 426; A Third Specimen of Lawrence's Warbler, 427; Notes on *Helminthophila leucobronchialis*, 427; Bachman's Warbler *Helminthophila bachmani* at Key West, Florida, in July and August, 428; *Dendroica coronata* at Key West in Summer, 430; Breeding of the Cerulean Warbler (*Dendroica cærulea*) in Niagara County, New York, 430; *Dendroica cærulea* at Seymour, Connecticut, 431; An Albino Blackpoll Warbler, 432; *Cistothorus palustris marianæ* on the Coast of Georgia, 432; Capture of the Brown-headed Nuthatch near Elmira, New York, 432; Impeded Migration and Destruction of Birds at Chicago, 432; Reason or Instinct?, 434; Notes on the Nomenclature of the Muscles of Volation in Birds' Wings, 435.

CORRESPONDENCE.

The Osteology of *Habia melanocephala* with Comparative Notes upon the Skeletons of certain other Conirostral Birds and of Tanagers, 438; How far West has *Anas obscura* been found?, 444.

NOTES AND NEWS.

Obituary.—Charles Wickliffe Beckham, 445; Philip Henry Gosse, 446; The Sixth Congress of the American Ornithologists' Union, 447; The Henshaw Collection, 447; Report of the Division of Economic Ornithology and Mammalogy, 447; Dr. Menzbie's 'Ornithologie du Turkestan,' 447; Audubon Monument, 448; Papers awaiting Publication in 'The Auk', 448.

SUPPLEMENT.

DESCRIPTIONS OF NEW SPECIES AND SUBSPECIES OF BIRDS FROM THE NEOTROPICAL REGION. By Hans von Berlepsch	449
SUPPLEMENTARY REMARKS ON THE GENUS <i>Psittacula</i> BRISSON. By Robert Ridgway	460
INDEX	463
ERRATA	484
CONTENTS OF VOL. V	iii

BY-LAWS AND RULES OF THE AMERICAN ORNITHOLOGISTS' UNION.

BY-LAWS.

Article I. Of Members.

Section 1. The Union shall consist of Active, Associate, Honorary, and Corresponding Members, and Patrons.

Section 2. Active Members shall be residents of the United States or Canada, and shall be limited to fifty in number.

Section 3. Associate Members shall be residents of the United States or Canada, and shall not be limited in number.

Section 4. Honorary Members shall be limited to twenty-five in number. They shall be chosen for their eminence in Ornithology, and may be residents of any country.

Section 5. Corresponding Members shall be limited to one hundred in number, and may be residents of any country.

Article II. Of Officers.

Section 1. The Officers of the Union shall be a President, two Vice-Presidents, a Secretary, a Treasurer, and seven Councillors. These officers shall constitute the Board of Management or Council of the Union, for the transaction of such business as may be assigned to it by the By-Laws or by the Union.

Section 2. The President or, in case of his absence or inability to act, one of the Vice-Presidents shall preside at the meetings of the Union and of the Council, and shall appoint all Committees except such as are otherwise provided for.

Section 3. The Secretary shall keep a record of the meetings of the Union and Council; shall give at least three weeks' notice to Active and Associate Members of the time and place of meetings, shall report to the Council all nominations received by him for membership, and shall send to each Active Member a list of the nominees to Active Membership; shall notify Members elect of their election, and Committees of their appointment; shall acknowledge all donations to the Union, and report

the same at the next Stated Meeting; and he shall have charge of the corporate seal of the Union.

Section 4. The Treasurer shall collect all dues from members, attend to all receipts and disbursements of the Union, and make a report of the same to the Union at each Stated Meeting.

Section 5. Vacancies occurring in any office may be filled by the Council until the next annual election.

Article III. Of Meetings.

Section 1. Stated Meetings of the Union shall be held annually, at such times and places as the Union may determine. Special meetings shall be called by the Council as occasion may require, due notice thereof being given by the Secretary.

Section 2. Ten Active Members shall constitute a quorum for the transaction of business.

Section 3. A majority of the Council shall constitute a quorum for the transaction of business.

Section 4. The scientific meetings of the Union shall be open to the public, unless otherwise ordered by a majority of the Members present.

Section 5. A Stated Meeting of the Council shall immediately precede each Stated Meeting of the Union. Special meetings of the Council may be called by the President and Secretary, or by any four Members of the Council.

Article IV. Of Elections, Resignations, and Expulsions.

Section 1. All elections shall be by ballot. Officers, and Active and Honorary Members, shall be elected individually.

Section 2. All Officers shall be elected annually; the term of office shall begin immediately after the election, and the Officers shall continue in office until their successors are elected.

Section 3. Elections of Officers are to be held as follows: In each case nominations shall be made by means of an informal ballot, the result of which shall be announced by the Secretary; after which the first formal ballot shall be taken.

In the ballot for Vice-Presidents, and Members of the Council, each voter shall write on one ballot as many names as there are Officers to be elected, viz., two on the first ballot for Vice-President, and seven on the first ballot for Members of the Council; and on each subsequent ballot many as names as there are

persons yet to be elected; and those persons who receive a majority of the votes cast shall be declared elected, *provided that the number of persons receiving a majority does not exceed the number of persons to be elected, in which case the vacancies shall be filled by the candidates receiving the highest majorities.*

If in any case the informal ballot result in giving a majority for any of the candidates, it may be declared formal by a majority vote.

Section 4. Nominations to Active Membership shall be made in writing; each nomination shall be signed by three Active Members, and shall be handed to the Secretary at least three months prior to the Annual Meeting at which it is to be voted on. The number of Active Members to be elected shall be first decided by a majority vote of the Active Members present at the Stated Meeting at which the election is to be held and they shall be elected in the following manner: Each member may select from the list to be voted upon, and inscribe on a ballot, names not to exceed in number the vacancies to be filled. Absent members may send ballots for five of the candidates, in order of preference, to the Secretary in a sealed blank envelope inclosed in another, and such envelopes shall be opened only by the tellers. From the names receiving the highest number of votes on this preference ballot, the members present may proceed to elect new members in the following manner: At each ballot each member present may vote for not exceeding the full number of persons to be elected, and the person receiving the highest number of votes shall be declared elected, provided that he receive at least three-fourths of the votes cast.

Section 5. Every person elected to Active Membership shall pay to the Treasurer, within six months from the date of election, an entrance fee of ten dollars, and subscribe to the By-Laws of the Union.

Section 6. The nomination of Honorary and Corresponding Members shall be made by the Council to the Union, and such members shall be elected by ballot, and the affirmative votes of three-fourths of the Active Members present shall be necessary to a choice. Honorary and Corresponding Members shall be enrolled upon signifying acceptance of membership.

Section 7. Associate Members may be nominated to the Union through the Secretary by any Active Member, and the

nominations shall be acted upon by the Union at the next Stated Meeting; such Members may be thereupon elected by ballot; and the affirmative votes of a majority of the Active Members present shall be necessary to a choice.

Section 8. Active Members only shall be entitled to vote and be eligible to office. Honorary, Corresponding, and Associate Members may attend meetings, present papers, and take part in the scientific proceedings of the Union.

Section 9. Every Honorary, Corresponding, and Associate Member-elect shall notify the Secretary of his acceptance of membership within one year from the date of his election; in default of which notification, his name shall not be entered on the roll of members.

Section 10. Resignations shall be addressed to the President and acted on by the Council.

Section 11. Any member may be expelled from the Union on satisfactory evidence that said member is an improper person to be connected with the Union, or has made improper use of his membership; such expulsion shall be by a two-thirds vote of the Active Members present at a Stated Meeting, three months previous notice of such proposed action having been given by the Secretary to all Active Members, and to the member accused.

Article V. Of Fees and Assessments.

Section 1. The entrance fee for Active Members shall be ten dollars, and for Associate Members three dollars. The annual assessment shall be for Active Members five dollars, and for Associate Members three dollars. The entrance fee shall cover the annual dues for the first year of membership, dating from the time of election.

No fee or assessment shall be required of Honorary and Corresponding Members.

Section 2. The annual assessment for the ensuing year shall fall due on the first day of each Stated Meeting.

Section 3. No Active Member, one year in arrears for dues, shall be entitled to vote or take part in the business of any meeting.

Section 4. The name of any member two years in arrears for

dues shall be removed from the roll of membership; provided that two notices of indebtedness shall have been given him by the Treasurer, at intervals of three months; and no such person shall be restored to membership until all arrearages have been paid, or the person has been re-elected.

Section 5. Active and Associate Members not in arrears for dues shall receive the regular serial publication of the Union, entitled 'The Auk,' gratis. All the publications of the Union shall be sent gratis to Honorary Members.

Section 6. On payment of one hundred dollars any Active Member may become a Life Member, exempt from all further fees or assessments, and retaining all the rights and privileges of an Active Member.

Section 7. Any person desirous of furthering the aims of the Union may become a Patron thereof on payment of the sum of five hundred dollars, and his name shall be perpetually inscribed upon the records of the Union.

Article VI. Of Scientific Communications and Publications.

Section 1. The Union may publish, under the direction of the Council, a serial Journal of Ornithology, called 'The Auk,' and such reports, proceedings, memoirs, and other works on Ornithology as the Council may authorize.

Section 2. Communications on Ornithology may be read at the Stated Meetings of the Union, by any member, or for him by any other member, notice of the same having been previously given to the Secretary.

Section 3. Any member may read a paper for a person who is not a member, and shall not be considered responsible for the facts or opinions expressed by the author, but shall be held responsible for the appropriateness of the paper. Persons who are not members may read papers on invitation of the President, and with the approval of the Committee of Arrangements.

Section 4. The Secretary shall receive at any time scientific papers for presentation at the Stated Meetings, and shall report the date of their reception at the next Stated Meeting. But such papers shall date, in the records of the Union, from the date of their presentation to the Union; their order of presentation shall be that in which they were registered, unless changed by the Council.

Article VII. Of the Property of the Union.

Section 1. All investments of funds shall be made by the Treasurer, in the corporate name of the Union, in securities approved by the Council.

Section 2. No contract shall be binding upon the Union which has not been authorized by the Council. No liability exceeding one thousand dollars, nor total debt exceeding two thousand dollars, shall be incurred by the Council without the formal consent of the Union as expressed by a majority vote at a Stated Meeting.

Section 3. Bequests and trusts having for their object the advancement of Ornithology may be accepted and administered by the Union.

Article VIII. Of Additions and Amendments to the By-Laws.

Additions and Amendments to the By-Laws must be in writing, signed by two Active Members, and proposed at a Stated Meeting of the Union, to be acted upon at the next stated Meeting. A two-thirds vote of the Active Members present shall be necessary for adoption.

RULES.

I. In the absence of any Officer at a Stated Meeting a member shall be chosen to perform his duties *pro tempore* by a plurality of *viva voce* votes, upon open nomination.

II. The order of business at Stated Meetings shall be as follows:—

First Days' Session.

1. Chair taken by the President, or, in his absence, by one of the Vice-Presidents.
2. Roll-call of Active Members by the Secretary.
3. Reading and approval of the minutes of the previous meeting.
4. Report of the Secretary.
5. Report of the Treasurer.

6. Report of the Council, including nominations for membership and other business or recommendations.
7. Election of Officers for the ensuing year.
8. Election of Members.
 - a. Active.
 - b. Honorary.
 - c. Corresponding.
 - d. Associate.
9. Action on business reported from the Council.
10. Appointment by the President of a Committee of three Active Members, none of whom shall be members of the Council, to audit the accounts of the Treasurer.
11. Appointment by the President of a Committee on Resolutions.
12. Reports of Committees.
13. Miscellaneous business.
14. Presentation and discussion of scientific papers, or remarks.
15. Adjournment.

Second Day's Session.

1. Chair taken by the President, or, in his absence, by one of the Vice-Presidents.
2. Roll-call of Active Members by the Secretary.
3. Reading and approval of minutes of previous day's session.
4. Report of the Auditing Committee.
5. Report from the Council.
6. Action on business from the Council.
7. Reports of Committees.
8. Miscellaneous business.
9. Presentation and discussion of scientific papers, or remarks.
10. Adjournment.

Third Day's Session.

1. Chair taken by the President, or, in his absence, by one of the Vice-Presidents.
2. Roll-call of Active Members by the Secretary.

3. Reading and approval of minutes of previous day's session.
4. Selection of time and place of the next Stated Meeting.
5. Appointment by the President of a Committee, consisting of three Active Members, to co-operate with the President and Secretary as a Committee of Arrangements for the next Stated Meeting.
6. Report from the Council.
7. Action on business reported from the Council.
8. Reports of Committees.
9. Miscellaneous business.
10. Presentation and discussion of scientific papers, or remarks.
11. Reading and correction of the minutes of the day's session.
12. Adjournment.

III. The business portion of each day's session shall be open to members only.

IV. The Rules of Order of the Union shall be those of the United States Senate, unless suspended by unanimous consent.

V. The order of business at any session of the Union may be varied from the above, by a two-thirds vote of the members present.

VI. The claims and qualifications of nominees for membership may be discussed before the Union, but such discussions shall be held as strictly confidential.

VII. The By-Laws and Rules, and list of the Officers and Members of the Union, may be published at such intervals and in such manner as the Council may determine.

VIII. The printing for the Union shall be under the direction of the President and Secretary, and three other Members of the Council, who shall be appointed by the Council, and these five shall constitute a Committee of Publication.

IX. The publication of the Quarterly Journal, 'The Auk,' shall be in charge of the Council, which, at each Stated Meeting of the Union, shall appoint the editorial staff for the ensuing year, and shall authorize the editorial staff to secure a competent publisher, and otherwise provide for the proper publication of the Journal.

X. Nominations for membership must contain the full name, residence, official position if any, and date of nomination of the candidate, and must be signed by the member or members making the nomination. A suitable form of nomination shall be provided by the Secretary.

XI. Any of the above Rules may be amended, suspended, or repealed, on the written motion of two members, signed by them, and presented at a Stated Meeting of the Union, in case the same shall be approved by a two-thirds vote of the members present.

OFFICERS AND COMMITTEES OF THE AMERICAN
ORNITHOLOGISTS' UNION. 1887-88.

	Expiration of Term.
ALLEN, J. A., <i>President</i>	November, 1888.
COUES, ELLIOTT, } <i>Vice Presidents</i>	“ 1888.
RIDGWAY, ROBERT, }	
MERRIAM, C. HART, <i>Secretary</i>	“ 1888.
DUTCHER, WILLIAM, <i>Treasurer</i>	“ 1888.

ADDITIONAL MEMBERS OF THE COUNCIL.

BREWSTER, WILLIAM.....	November, 1888.
CHAMBERLAIN, MONTAGUE.....	“ 1888.
CORY, CHARLES B.....	“ 1888.
ELLIOT, DANIEL G.....	“ 1888.
HENSHAW, HENRY W.....	“ 1888.
LAWRENCE, GEORGE N.....	“ 1888.
STEJNEGER, LEONHARD.....	“ 1888.

EDITORIAL STAFF OF 'THE AUK.'

ALLEN, J. A., <i>Editor</i>	November, 1888.
BATCHELDER, C. F., <i>Associate Editor</i>	“ 1888.

COMMITTEES.

Committee on Publications.

ALLEN, J. A., <i>Chairman.</i>	COUES, ELLIOTT.
MERRIAM, C. HART, <i>Secretary.</i>	RIDGWAY, ROBERT.
BREWSTER, WILLIAM.	

Committee of Arrangements for the Meeting of 1888.

ALLEN, J. A., <i>Chairman.</i>	MERRIAM, C. HART.
FISHER, A. K.	STEJNEGER, L.
HENSHAW, H. W.	

Committee on the Migration and Geographical Distribution of North American Birds.

MERRIAM, C. HART, <i>Chairman.</i>	FISHER, A. K.
ALLEN, J. A.	MCILWRAITH, THOMAS.
BELDING, L.	MEARNS, EDGAR A.
CHADBOURNE, A. P.	MERRILL, JAMES C.
CHAMBERLAIN, MONTAGUE.	RIDGWAY, ROBERT.

Committee on Protection of North American Birds.

SENNETT, GEORGE B., <i>Chairman.</i>	CHAMBERLAIN, M.
DUTCHER, WILLIAM, <i>Sec'y and Treas.</i>	FOSTER, L. S.
ALLEN, J. A.	GOSS, N. S.
BICKNELL, E. P.	GRINNELL, G. B.
BREWSTER, WILLIAM.	HOLDER, J. B.

Committee on Avian Anatomy.

COUES, ELLIOTT, <i>Chairman.</i>	SHUFELDT, R. W.
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MEMBERS OF THE AMERICAN ORNITHOLOGISTS'
UNION. DECEMBER, 1887.

ACTIVE MEMBERS.

[Omission of date indicates a Founder.]

	Date of Election
ALDRICH, Hon. CHARLES, Webster City, Iowa.....	—
ALLEN, J. A., Am. Mus. Nat. Hist., 77th St. and 8th Ave., New York City.....	—
BAILEY, H. B., 51 South St., New York City.....	—
* BAIRD, Prof. SPENCER F., Washington, D. C.....	—
BARROWS, Prof. W. B., Dept. of Agriculture, Washington, D. C.....	1883
BATCHELDER, CHARLES F., Cambridge, Mass.....	—
BELDING, L., Stockton, Cal.....	1883
BENDIRE, Capt. CHARLES E., U. S. A., Smiths. Inst., Washington, D. C.....	—
BICKNELL, EUGENE P., P. O. Box 2958, New York City.....	—
† BREWSTER, WILLIAM, Cambridge, Mass.....	—
BROWN, NATHAN C., Portland, Me.....	—
CHAMBERLAIN, MONTAGUE, St. John, N. B.....	—
COOKE, Prof. W. W., Burlington, Vt.....	1884
† CORY, CHARLES B., 8 Arlington St., Boston, Mass.....	—
† COUES, Dr. ELLIOTT, Smiths. Inst., Washington, D. C.....	—
DEANE, RUTHVEN, 2 Wabash Ave., Chicago, Ill.....	1883
DUTCHER, WILLIAM, 51 Liberty St., New York City.....	1886
DWIGHT, JONATHAN, JR., 2 East 34th St., New York City.....	1886
† ELLIOT, DANIEL G., Am. Mus. Nat. Hist., 77th St. and 8th Ave., New York City.....	—

* Deceased. † Life Member.

FISHER, Dr. ALBERT K., Dept. of Agriculture, Washington, D. C.	—
FORBES, Prof. S. A., Champaign, Ill.	1883
GILL, Prof. THEODORE N., Smiths. Inst., Washington, D. C.	1883
† GOSS, Col. N. S., Topeka, Kans.	1883
GRINNELL, Dr. GEORGE B., 'Forestand Stream' Office, New York City,	1883
HENSHAW, HENRY W., Smiths. Inst., Washington, D. C.	1883
HOLDER, Dr. J. B., Am. Mus. Nat. Hist., 77th St. and 8th Ave., New York City.	—
JEFFRIES, Dr. J. AMORY, 91 Newbury St., Boston, Mass.	1883
KIDDER, Dr. J. H., Washington, D. C.	1883
LANGDON, Dr. F. W., 65 West 7th St., Cincinnati, O.	1887
LAWRENCE, GEORGE N., 45 East 21st St., New York City.	1883
LAWRENCE, NEWBOLD T., 51 Liberty St., New York City.	1883
MCLLRAITH, THOMAS, Hamilton, Ontario, Can.	—
MEARNS, Dr. EDGAR A., U. S. A., Fort Verde, Ariz.	—
MERRIAM, Dr. C. HART, Dept. of Agriculture, Washington, D. C.	—
† MERRILL, Dr. JAMES C., U. S. A., Frankford Arsenal, Philadelphia, Pa.	1883
NEHRING, H., 815 North Ave., Milwaukee, Wis.	1883
NELSON, E. W., Springerville, Arizona.	1883
PRENTISS, Dr. D. W., 1101 14th St., N. W., Washington, D. C.	—
PURDIE, H. A., West Newton, Mass.	—
RIDGWAY, ROBERT, Smiths. Inst., Washington, D. C.	—
ROBERTS, Dr. THOMAS S., 27 N. 8th St., Minneapolis, Minn.	1883
SAGE, JOHN H., Portland, Conn.	1883
SAUNDERS, WM. E., 188 Dundas St., London, Ontario, Can.	1883
SCOTT, W. E. D., Tarpon Springs, Fla.	1886
SENNETT, GEORGE B., Am. Mus. Nat. Hist., 77th St. and 8th Ave., New York City.	1883
SHUFELDT, Dr. ROBERT W., U. S. A., Fort Wingate, N. M.	—
STEJNEGER, Dr. LEONHARD, Smiths. Inst., Washington, D. C.	1884
* WHEATON, Dr. J. M., Columbus, Ohio.	—
WIDMANN, OTTO, 3826 So. Broadway, St. Louis, Mo.	1884

HONORARY MEMBERS.

	Date of Election
BOCAGE, Prof. J. V. BARBOZA DU, Royal Museum, Lisbon, Portugal.	1883
BURMEISTER, Dr. HERMANN VON, Director National Museum, Buenos Ayres.	1884
CABANIS, Prof. Dr. JEAN, Alte Jacobstrasse, 103a, Berlin, Germany.	1883
DRESSER, HENRY E., Topclyffe Grange, Farnborough, Beckenham, Kent, England	1883
FINSCH, Dr. OTTO, Bremen, Germany.	1883
GÄTKE, HEINRICH, Heligoland, via Bremen, Germany.	1884

* Deceased. † Life Member.

GIGLIOLI, Dr. HENRY HILLYER, Royal Superior Institute, Florence, Italy.....	1883
GUNDLACH, Dr. JUAN, Ingenio Fermina, Bemba, Cuba.....	1883
GURNEY, JOHN HENRY, Northrepps Hall, Norwich, England.....	1883
HARTLAUB, Dr. GUSTAV, Bremen, Germany.....	1883
HUME, ALLAN OCTAVIAN, Simla, India.....	1883
HUXLEY, Prof. THOMAS H., 4 Marlborough Place, Abbey Road, London, N. W.....	1883
KRAUSS, Dr. FERDINAND, Stuttgart, Germany.....	1883
MILNE-EDWARDS, Prof. ALPHONSE, Rue Cuvier, 57, Paris.....	1883
NEWTON, Prof. ALFRED, University of Cambridge, England.....	1883
PARKER, Prof. WILLIAM KITCHEN, Crowland, Trinity Road, Upper Woting, London, S. W.....	1883
PELZELN, Dr. AUGUST VON, 13, Royal Zoöl. Museum, Vienna.....	1883
SALVADORI, Prof. Count TOMMASO, Royal Zöol. Museum, Turin, Italy.....	1883
SALVIN, OSBERT, Hawksfold, Fernhurst, Haslemere, England.....	1883
SAUNDERS, HOWARD, 7 Radnor Place, Hyde Park, London, W.....	1884
* SCHLEGEL, Prof. HERMANN, Leyden, Holland.....	1883
SCLATER, Dr. PHILIP LUTLEY, 11 Hanover Sq., London, W.....	1883
SEEBOHM, HENRY, 6 Tenterden St., Hanover St., London, W.....	1884
SHARPE, RICHARD BOWDLER, British Museum, South Kensington, London, S. W.....	1883
TACZANOWSKI, Dr. W., University, Warsaw, Russia.....	1884
WALLACE, Prof. ALFRED RUSSEL, Nutwood Cottage, Frith Hill, Godalming, England.....	1883

CORRESPONDING MEMBERS.

	Date of Election
ALTUM, Dr. C. A., Eberswalde, Germany.....	1884
ANDERSON, Dr. JOHN, India Museum, Calcutta.....	1884
BALDAMUS, Dr. EDUARD, Halle, Germany.....	1884
BERLEPSCH, Count HANS VON, Münden, Germany.....	1883
BLAKISTON, Capt. THOMAS W., London, Ohio.....	1883
BLANFORD, W. T., Arts Club, London.....	1884
BLASIUS, Dr. RUDOLPH, Brunswick, Germany.....	1884
BLASIUS, Dr. WILHELM, Brunswick, Germany.....	1884
BOGDANOW, Prof. Dr. MODEST, University of Moscow, Moscow.....	1884
BROOKS, W. E., Milton, Ontario, Canada.....	1886
BULLER, Sir WALTER LAWRY, 52 Stanhope Gardens, Queen's Gate, London, S. W.....	1883
BUREAU, Dr. LOUIS, Nantes, France.....	1884
BUTLER, Lieut.-Col. E. A., Herringfleet Hall, Lowestoft, England...	1884
BÜTTIKOFER, Dr. T., Leyden, Holland.....	1886
COLLETT, Prof. ROBERT, Christiania, Norway.....	1883
COOPER, Dr. J. G., Haywards, California.....	1884

* Deceased.

CORDEAUX, JOHN, Great Cotes, Ulceby, Lincolnshire, England.....	1884
DALGLEISH, JOHN J., 8 Athole Crescent, Edinburgh, Scotland.....	1883
DAVID, L'Abbé ARMAND, Rue de Sévres, 95, Paris.....	1883
DUBOIS, DR. ALPHONSE, Museum Nat. History, Brussels.....	1884
DUGÈS, Prof. ALFREDO, Colegio del Estado, Guanajuato, Mexico...	1884
ECHT, ADOLF BACHOFEN VON, Vienna.....	1884
FATIO, DR. VICTOR, Geneva, Switzerland.....	1884
FIELDEN, Lieut.-Col. H. W., West House, Wells, Norfolk, Eng- land.....	1884
FERRARI-PEREZ, Prof. FERNANDO, Naturalist Mexican Geol. Expl. Commission, Pueblo, Mexico.....	1885
FREKE, PERCY EVANS, Rosemount, Dundrum, County Dublin, Ire- land.....	1883
GADOW, DR. HANS, The New Museums, Cambridge, England.....	1884
GIRTANNER, DR. A., St. Galle, Switzerland.....	1884
GODMAN, F. DU CANE, 10 Chandos Street, Cavendish Sq., London...	1883
GODWIN-AUSTEN, Lieut.-Col. H. H., Shalford House, Guilford, Eng- land.....	1884
GRANDIDIER, ALFRED, 6 Rond-Point des Champs Elysées, Paris.....	1883
GURNEY, JOHN HENRY, JR., Northrepps Hall, Norwich, England.....	1883
* HAAST, DR. JULIUS VON, Christ-church, New Zealand.....	1884
HARGITT, EDWARD, Broadwater Lodge, Broadwater, Worthing, Sussex, England.....	1884
HARTING, JAMES EDWARD, 6 Oxford and Cambridge Mansions, Lon- don, N. W.....	1883
HARVIE-BROWN, JOHN A., Dunipace House, Larbert, Stirlingshire, Scotland.....	1883
HAYEK, DR. GUSTAV VON, Vienna.....	1884
HOLUB, DR. EMIL, Vienna.....	1884
HOMeyer, DR. E. F. VON, Stolp, Germany.....	1884
KRUKENBERG, DR. E. F. W., Würzburg, Germany.....	1884
KRÜPER, DR. THEOBALD J., University Museum, Athens, Greece.....	1884
LAYARD, E. L., H. B. M. Consul. Noumea, New Caledonia.....	1884
MACFARLANE, ROBERT, Winnipeg, Manitoba.....	1886
MADARÁSZ, DR. JULIUS VON, National Museum, Budapest, Hungary...	1884
MALMGREN, DR. A. J., University, Helsingfors, Finland.....	1884
MARSCHALL, Graf A. F., Wallzeil, 33, Vienna.....	1884
MENZBIER, DR. M., Moscow, Russia.....	1884
MEYER, DR. A. B., Königl. Zool. Museum, Dresden.....	1884
MIDDENDORF, DR. A. VON, Dorpat, Russia.....	1884
MOJSISOVICS, DR. A. VON, Gratz, Austria.....	1884
NAMIYE, M., Tokio, Japan.....	1886
NICHOLSON, FRANK, 62 Fountain St., Manchester, England.....	1884
OATES, E. W., 6 Tenterden St., Hanover Sq., London.....	1884
OUSTALET, DR. ÉMILE, Jardin des Plantes, 55 Rue de Buffon, Paris.	1883
PALMÉN, Prof. J. A., Helsingfors, Finland.....	1883
PHILIPPI, DR. R. A., Santiago, Chili.....	1884

* Deceased.

PREJEVALSKI, Colonel N., Acad. of Science, St. Petersburg, Russia.....	1884
PRYER, HARRY, Yokohama, Japan.....	1883
RADDE, Dr. GUSTAV FERDINAND, Tifis, Russia.....	1884
RAMSEY, E. P., Sydney, New South Wales, Australia.....	1884
REICHENOW, Dr. ANTON, Grossbeerenstrasse, 52, Berlin, S.W.....	1884
SCHRENCK, Dr. LEOPOLD VON, St. Petersburg, Russia.....	1884
SELYS-LONGSCHAMPS, Baron EDMOND DE, Liége, Belgium.....	1884
* SEVERTZOW, Dr. N., Moscow, Russia.....	1884
SHALOW, Dr. HERMAN, Berlin, Germany.....	1884
SHELLEY, Capt. G. E., 6 Tenterden St., Hanover Sq., London.....	1884
STEVENSON, HENRY, Unthank's Road, Norwich, England.....	1884
THEEL, Dr. HJALMAR, University of Upsala, Upsala, Sweden.....	1884
TRISTRAM, Rev. Canon H. B., The College, Durham, England.....	1884
TSCHUSI ZU SCHMIDHOFFEN, Count VICTOR RITTER VON, near Hal- lein, Salzburg, Austro-Hungary.....	1884
WHARTON, HENRY T., 39 St. George's Road, Kilburn, London, N. W.	1884
ZELDON, Sr. DON JOSÉ C., San José, Costa Rica.....	1884

ASSOCIATE MEMBERS.

	Date of Election.
ADNEY, E. T., Am. Mus. Nat. Hist., 77th St. and 8th Ave., New York City.....	1885
AMERY, CHARLES, F., Forest & Stream Pub. Co., 39 Park Row, New York City.....	1886
ANTHONY, A. W., Box 37, North Denver, Col.....	1885
* ATKINS, Dr. H. A., Locke, Ingham Co., Mich.....	1883
ATKINS, J. W., Key West, Florida.....	1887
AVERILL, C. K., Jr., Santa Clara, N. Y.....	1885
AVERY, Dr. WM. C., Greensboro, Ala.....	1887
BAGG, EGBERT, 187 Genesee St., Utica, N. Y.....	1883
BAILEY, VERNON, Elk River, Minn.....	1887
BAILEY, WM. L., 1624 Arch Street, Philadelphia, Pa.....	1886
BANGS, E. A., Cambridge, Mass.....	1884
BANGS, OUTRAM, Sears' Building, Boston, Mass.....	1884
BANKS, J. W., Portland, N. B.....	1887
BARNARD, JOB, 412 5th St., N. W., Washington, D. C.....	1886
BEAL, F. E. L., Lunenburg, Mass.....	1887
BEARD, DANIEL C., 191 Broadway, New York City.....	1887
BECKHAM, C. W., Smiths. Inst., Washington, D. C.....	1883
BENNER, FRANKLIN, 16 South 4th St., Minneapolis, Minn.....	1883
BENSON, Lieut. H. C., U. S. A., West Point, N. Y.....	1886
BERIER, DELAGNEL, Fort Hamilton, Kings Co., N. Y.....	1885
BISHOP, LOUIS B., Box 235, New Haven, Conn.....	1885
BOARDMAN, G. A., Calais, Maine.....	1884
BOND, FRANK, Cheyenne, Wyoming Territory.....	1887
BRANDRETH, FRANKLIN, Sing Sing, N. Y.....	1886

* Deceased.

BRODIE, DR. WILLIAM, 325 Parliament St., Toronto, Can.....	1885
BROWN, HERBERT, Tucson, Arizona.....	1885
BROWNE, FRANK C., Framingham, Mass.....	1883
BRYANT, WALTER E., Box 2247, San Francisco, Cal.....	1883
BUTLER, AMOS W., Brookville, Ind.....	1885
CHADBOURNE, ARTHUR P., Cambridge, Mass.....	1883
CHAMBERLAIN, C. W., 51 Lincoln St., Boston, Mass.....	1885
CHAPMAN, FRANK M., Englewood, N. J.....	1885
CLARK, HUBERT L., Amherst, Mass.....	1886
CLARK, J. N., Saybrook, Conn.....	1885
COALE, H. K., 101 Washington St., Chicago, Ill.....	1883
* COE, W. W., Portland, Conn.....	1883
COLBY, EDWARD H., 4130 Drexel Boulevard, Chicago, Ill.....	1886
COMEAU, NAP. A., Godbout, P. Q., Can.....	1885
CONKLIN, WM. A., Dept. of Public Works, 64th St. & 5th Ave., New York City.....	1885
COPE, ALBAN, Germantown, Pa.....	1885
COUES, ELLIOTT BAIRD, Care Dr. E. COUES, Smiths. Inst., Wash- ington, D. C.....	1886
COX, PHILIP, Newcastle, New Brunswick.....	1887
DAVISON, J. L., Lockport, Niagara Co., N. Y.....	1885
DICKINSON, EDWIN, Springfield, Mass.....	1885
DOAN, WM. A., Coatesville, Chester Co., Pa.....	1885
DRAKE, JOHN N., Mutual Life Ins. Co., 32 Nassau St., New York City.....	1886
DREW, FRANK M., Genoa, Ill.....	1885
DURFEE, OWEN, 46 Maple St., Fall River, Mass.....	1887
DUTCHER, BASIL HICKS, Care of Wm. Dutcher, 51 Liberty St., New York City.....	1886
DYCHE, Prof. L. L., Lawrence, Kansas.....	1886
EDDY, N. A., 509 North Grant St., Bay City, Michigan.....	1885
EDSON, JOHN M., Sinclairville, N. Y.....	1886
EMERSON, W. OTTO, Haywards, Cal.....	1885
EMMETT, WM. T., Pelham, Westchester Co., N. Y.....	1885
EVERMANN, Prof. B. W., Terre Haute, Ind.....	1883
FAIRBANKS, Hon. FRANKLIN, St. Johnsbury, Vt.....	1885
FISHER, WM. HUBBELL, 12 Wiggins Block, Cincinnati, Ohio.....	1883
FORBUSH, EDW. H., 424 Main St., Worcester, Mass.....	1887
FOSTER, LYMAN S., 35 Pine St., New York City.....	1883
FOX, DR. WM. H., 1517 L. St., Washington, D. C.....	1885
GALE, DENIS, Gold Hill, Boulder Co., Colorado.....	1886
GAULT, B. T., 175 Dearborn St., Chicago, Ill.....	1885
GESNER, Rev. A. H., 22 East 131st St., New York City.....	1885
GIBSON, LANGDON, Flushing, Queens Co., N. Y.....	1887
GOODALE, JOS. L., 8 Craigie St., Cambridge, Mass.....	1885
GOSS, B. F., Pewaukee, Waukesha Co., Wis.....	1883
GRANT, U. S., 200 West 19th St., Minneapolis, Minn.....	1885
GREEN, MORRIS M., Dept. Agl., Washington, D. C.....	1887

GREGG, Dr. WM. H., Barryville, N. Y.....	1885
HARDY, Miss FANNIE P., Brewer, Maine.....	1886
HARDY, MANLY, Brewer, Maine.....	1883
HASBROUCK, EDWIN M., 138 So. Salina St., Syracuse, N. Y.....	1887
HAWLEY, A. H., Care Rev. E. Jones, Los Gatos, Cal.....	1886
HAZARD, R. G., 2d, Peace Dale, R. I.....	1885
HENDRICKSON, W. F., Care the B. B. C. Co., 860 Broadway, New York City.....	1885
HICKS, GEO. J., New Brighton, Richmond Co., N. Y.....	1887
HOLBROOK, Judge S. T., Norwich, Conn.....	1885
HOLMES, E. S., D. D. S., 103 Ottawa St., Grand Rapids, Mich.....	1885
HOLTERHOFF, G., Jr., San Diego, Cal.....	1883
HOLZINGER, JOHN M., (Curator Museum) State Normal School, Win- ona, Minn.....	1887
HOUGH, ROMEYN B., Lowville, N. Y.....	1883
* HOWLAND, SNOWDON, Newport, R. I.....	1883
HOY, Dr. P. R., Racine, Wis.....	1883
HVOSLEF, Dr. J. C., Lanesboro, Minn.....	1885
INGALLS, CHARLES N., East Templeton, Mass.....	1885
INGERSOLL, ALBERT M., Box 712, San Diego, Cal.....	1885
JEFFRIES, WM. A., 78 Devonshire St., Boston, Mass.....	1883
JENNINGS, Allen H., 201 Oak Ave., Baltimore, Md.....	1886
JOHNSON, ALBERT I., Hydeville, Vt.....	1885
JOHNSON, Prof. O. B., Seattle, Washington Territory.....	1885
JONES, Mrs. N. E., Circleville, Ohio.....	1885
JORDAN, Prof. D. S., Bloomington, Ind.....	1885
JOUY, P. L., Smiths. Inst., Washington, D. C.....	1883
KENDALL, W. C., Freeport, Cumberland Co., Me.....	1886
KEYES, CH., Des Moines, Iowa.....	1885
KOHN, GUSTAVE, 14 Carondelet St., New Orleans, La.....	1886
KNOWLTON, F. H., National Museum, Washington, D. C.....	1883
KUMLIEN, THURE, Care Public Museum, Milwaukee, Wis.....	1883
LAMB, Charles R., Cambridge, Mass.....	1885
LANTZ, Prof. D. E., Manhattan, Kansas.....	1885
LAWRENCE, ROBT. B., Mills Building, New York City.....	1883
LINDEN, Prof. CHARLES, 75 E. Eagle St., Buffalo N. Y.....	1884
LLOYD, WILLIAM, San Angelow, Texas.....	1885
LOOMIS, LEVERETT M., Chester, S. C.....	1883
MACOUM, Prof. J., Geol. and Nat. Hist. Surv., Ottawa, Can.....	1883
McKAY, Prof. A. H., Pictou, Nova Scotia.....	1885
MARSHALL, ALFRED, 43 Dey St., New York City.....	1886
MERRIAM, Miss FLORENCE A., Locust Grove, Lewis Co., N. Y.....	1885
MERRILL, HARRY, Bangor, Maine.....	1883
METCALFE, WM. C., 21 Cortlandt St., New York City.....	1886
MILLER, G. S., Jr., Peterboro, N. Y.....	1886

MILLER, Mrs. OLIVE THORNE, 271 Quincy St., Brooklyn, N. Y.....	1887
MINOT, H. D., care of St. Paul, Minneapolis and Manitoba R. R. Co., St. Paul, Minn.....	1883
MOORE, J. PERCY, 1931 Judson Place, Philadelphia, Pa.....	1886
MORCOM, G. FREAM, 870 North Park Ave., Chicago, Ill.....	1886
MORRIS, GEO. SPENCER, Olney, Philadelphia, Pa.....	1887
MURDOCH, JOHN, Smiths. Inst., Washington, D. C.....	1883
NEWCOMB, RAYMOND LEE, Salem, Mass.....	1886
NORRIS, J. PARKER, 723 Walnut St., Philadelphia, Pa.....	1886
PAINÉ, AUGUSTUS G., Jr., Champlain Fibre Co., Willsborough, N. Y.....	1886
PARK, AUSTIN F., 31 Boardman Building, Troy, N. Y.....	1885
PARKER, HARRY G., 204 South 7th St., Philadelphia, Pa.....	1886
PETERSON, J. P., Luck, Wis.....	1885
PINDAR, L. O., Hickman, Ky.....	1886
POPENOE, Prof. E. A., Manhattan, Kan.....	1886
PRESTON, J. W., Baxter, Iowa.....	1885
RAGSDALE, G. H., Gainsville, Texas.....	1885
RATHBUN, FRANK R., 40 Franklin St., Auburn, N. Y.....	1883
RAWSON, CALVIN L., Norwich, Conn.....	1885
RICE, FRANK L., Evanston, Cook Co., Ill.....	1886
RIKER, C. B., 15 Frankfort St., New York City.....	1885
RILEY, Prof. C. V., U. S. Entomologist, Washington, D. C.....	1885
RIVES, Dr. WM. C.; Jr., Newport, R. I.....	1885
SAGE, HENRY M., Murand's Road, Albany, N. Y.....	1885
SCOTT, W. L., 86 Sparks St., Ottawa, Can.....	1883
SHORES, Dr. E. I., Soldier's Home, Hampton, Va.....	1883
* SMALL, EDGAR A., Hagerstown, Md.....	1883
SMITH, HUGH M., U. S. Nat. Museum, Washington, D. C.....	1886
SPELMAN, H. M., 62 Sparks St., Cambridge, Mass.....	1883
STANTON, Prof. J. Y., Bates College, Lewiston, Me.....	1883
STEPHENS, F., Ballena, San Diego Co., Cal.....	1883
STONE, WITMER, Fisher's Lane, Germantown, Pa.....	1885
TALBOT, D. H., Sioux City, Iowa.....	1885
TATLOCK, JOHN, Jr., Care North River Safe Deposit Co., New York City.....	1887
TEPPER, ARTHUR, Flatbush, L. I., N. Y.....	1886
THOMPSON, ERNEST E., 86 Howard St., Toronto, Can.....	1883
THOMPSON, FRANK J., Dept. Public Works, 64 St. & 5th Ave., New York City.....	1885
THORNE, Capt. PLATTE M., 22d Inf. U. S. A., Ft. Lyon, Col.....	1885
THURBER, E. CARLETON, Box 364, Morristown, N. J.....	1886
TODD, LOUIS M., Calais, Me.....	1887
TOPPAN, GEO. L., Room 306, Phœnix Building, 138 Jackson St., Chicago, Ill.....	1886
TORREY, BRADFORD, Melrose Highlands, Mass.....	1883

TOWNSEND, C. H., Smiths. Inst., Washington, D. C.....	1883
TREAT, WILLARD E., East Hartford, Conn.....	1885
TROMBLEY, JEROME, Petersburg, Mich.....	1885
TRUMBULL, GURDON, Hartford, Conn.....	1884
TURNER, DR. H. M., Hammondville, Essex Co., N. Y.....	1885
TURNER, LUCIEN M., Smiths. Inst., Washington, D. C.....	1885
VAN CORTLAND, MISS ANNE P., Croton Landing, Westchester Co., N. Y.....	1885
VELIE, DR. J. W., Academy of Sciences, Exposition Building, Chicago, Ill.....	1886
* VENNOR, H. G., Montreal, Can.....	1883
WADSWORTH, D. S., Box 1061, Hartford, Conn.....	1885
WAKEFIELD, J. R., Dedham, Mass.....	1885
WARREN, DR. B. H., West Chester, Pa.....	1886
WEBSTER, FREDERIC S., 1345 Pa. Ave., Washington, D. C.....	1886
WEST, LEWIS H., Roslyn, Queens Co., N. Y.....	1887
* WILLARD, S. W., West DePere, Wis.....	1883
WILSON, CHARLES B., Benton Falls, Me.....	1885
WOOD, A. H., Painted Post, N. Y.....	1887
* WOOD, DR. WILLIAM, East Windsor Hill, Conn.....	1883
WOODRUFF, LEWIS B., care C. H. Woodruff, 120 Broadway, New York City.....	1886
WINTLE, ERNEST D., 11 Hospital St., Montreal, Quebec.....	1887
ZEREGA, LOUIS A., 111 East 72d St., New York City.....	1884

* Deceased.