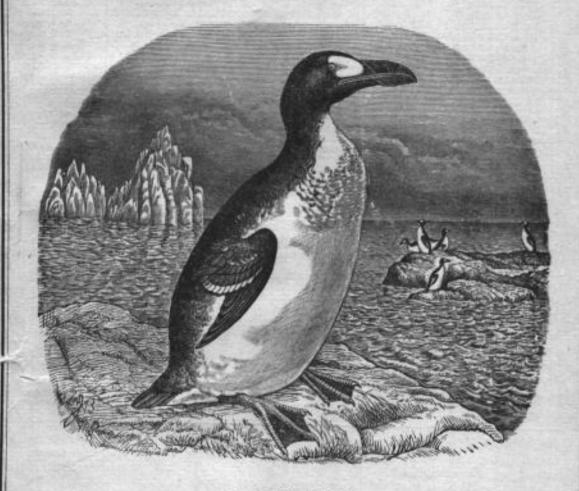
Old

Series, Vol. XXXVII SULLETIN OF THE NUTTALL ORNITHOLOGICAL CLUB

## The Auk

A Quarterly Zournal of Ornithology

Vol. XXIX OCTOBER, 1912 No. 4



PUBLISHED BY

The American Ornithologists' Union

CAMBRIDGE, MASS.

## CONTENTS

THE FREE																
Cake	ZING OF	CAN	UGA	LAKE	IN IT	rs Ri	LATIC	N TO	BIB	D LI	E.	By A	.lvin	R.	PAGI	
THE NIAG	ARA SW	AN T	BAP.	By	J. H	Flo	mina								437	300
METHODS	or Est	IMAT	ING T	гив С	ONTE	NTS (	or Br	RD ST	OMAG	нв.	By I	W. L.	McAt	lee	449	
	rd C. H	arlou	0			10		+	+	+		+			465	5
	us serra	for, l	LINN.	By	R. A	1. Str	ong.	(Pla	tes X	XI-2	CXII	I)		4	479	)
Allen	ESTIONS	ON	THE	Conc	EALIN	ra Co	LORA	TION	QUE	STION	. B	y Fra	incia .	н.	489	,
BIRDS OB	SERVED	IN M	IONT	GOME	Y Co	UNT	r, VIR	GINIA	. В	y Elli	son 2	1. Sm	yth, J	Tr.	508	
533; (Netti Dako nickee Mexii in Mi (Oxye Oreor The l Egg-c in Wi of a ( Acadi the I Abun Mimi Gnate	smileo i) on the Disperse on creece ta; a net Pond to, 536; sine, 536 chas roo tyx in i Band-ta arrying nter, 54 Drow an an Shan Dickcisse dance of cry in t catcher sine, 546	Sounder Cost and of Earlie Cost	d and ast of the Again I gain	d at Geor. Austra Return for th rater, ccurre mon Lan S; Pa n (Co the B neaded dr sparro grado, npe M of the	Durh gia, 5 hian hing to hing to Mass nce o Shore caster sseng lumbe and-t I Wo ouse, 544: lay V e Cat	am. 31: 1 Duck to We erior s., 53 f the e-bird r, M: er Pi g fast ailed odpe 542; d Ot Pro Varbi bbird,	Malla (Anaeenhar of No 6; C Whitts see ass., i geon iata) Pigeocker Con her B per (1) 645:	rd and see support of the second of the seco	d Bla ercili ass., i ameria Ranped Issex Ocra pister orth 0; P; wbur of Propica other	he M ck D osa), osa), is5; ca, 53 iii (P Sand) Coun coke migr Dako igeon yport e Hay mout the tigrina	an-oucks 534; North 55; F 56; F 67; E 68; E 68; Mate 68; Ma 68; M	-War at Cu The larn lecore a car (Pise Iass., r Bir us) in 39; C k in S sss., 5 n Lin ass., ville ound ce of	r-bird crittuc Europ Eider ds from obia fit 537; d Not 1 Albe On the South 541; " unet, 5 543; Warb Quel the I	(Prick, Notes of the Market of	regate C. Teal outh ippi- New ollis) ideer 538; 539; eged olina The Es on 545; gray	i
RECENT I	TERAT	n Re	cord Oual	No. 3 l, 551; w Col	Gris ombi	nnell an B	s 'Sylinds.	m Th stems 552:	e Pre	sent : ist of oman	the on a	Birds New mate	of Ca Ibis i	us of difor	nia,	9
Austr Calife 551; Kenis on N Birds Verte and V	al Avia ornia Va Chapma , 552; ew Blo of Lor brate F Vater-Fo I Article	an or Rich od F d Ho auna owl o	mond heas we, l of D	ants, Norfo jumfri uth A	552: lk, an lesshi frica,	Olive d the re, 55 553;	e Ker 3; H	the made orsbri Orni	Geo se Isl ugh a thole	graph ands, nd D gical	553 avies Jour	elatio Gla on ti nals,	nship	s of	The	0
Austr Calife 551; Keniz on N Birds Verte and V logica	crnia Va Chapma, 552; w Blo of Lor brate F Vater-F I Article	an or Rich od F d Ho auna owl o	mond heas we, I of D of So other	ants, Norfol umfri uth A Jour	552; ik, ar lesshi frica, nals,	Oliver, 553; 558; f the	e Ker 3; H The Publi	orsbricatio	Geo se Isi ugh a ithole ns Re	graph ands, ad Do gical occive mitted	ic R 553 avies Jour d, 55	elatio Gla on ti nals,	nship idstor he Ga 554;	s of e's me-I Orn	The Birds itho-	8
Austr Calife 551; Kenis on N Birds Verte and V logica Corres AN Bird Ornit List o Meets Delay	Chapma, 552; ew Blo of Lor brate F Vater-F I Articl NDENCE in the Ir	an or Richi od F d Ho auna owl c es in .— T atern s.— 'I g Ab al Inv , 572 ne B. Illey	mond Pheas owe, 1 of D of So other Phe F ation Obituroad, vestig	ants, Norfo Jumfri uth A Jour uncti al Cat iary; 571; pation ollast	552; ik, an iesshi frica, nals, ons o talogu Wilh The s in t on's	Olivid the re, 553; 558; of the seem American Am	e Ker 3; H The Publi A. C Scient Blasit rican ribilot dition	or the rmade or the correction of the correction	Geo ec Isi ugh a itholo ns Ro Com itera 1; Jo eum' nds,	graph ands, and Dogical occive mitter ture, ahn 6 572; Guine Guine	ic R 553 avies Jour d, 55 e on 568. errar ombi- linder a, 57 Ank	elatio; Gla on ti nals, .9. Nome d Ke an Ex c to S 2; A	onship idstor he Ga 554; enclat sulems xpedit spedit annual sale /	s of ee's me-I Orn ure, ion, e's I	561 571 572 Iand	1
Austr Calife 551; Kenis on N Birds Verte and V logica Corres of Aves Notes AN Bird Ornit List C Meets Delay the A	chapma. 552: cw Blo of Lor brate F Vater-F l Article NDENCE in the In Banding bologics of Birds ing of the vare Va O. U.,	an or Richi od F d Ho auna owl c es in .— T atern s.— 'I g Ab al Inv , 572 ne B. Illey	mond Pheas owe, 1 of D of So other Phe F ation Obituroad, vestig	ants, Norfo Jumfri uth A Jour uncti al Cat iary; 571; pation ollast	552; ik, an iesshi frica, nals, ons o talogu Wilh The s in t on's	Olivid the re, 553; 558; of the seem American Am	e Ker 3; H The Publi A. C Scient Blasit rican ribilot dition	or the rmade or the correction of the correction	Geo ec Isi ugh a itholo ns Ro Com itera 1; Jo eum' nds,	graph ands, and Dogical occive mitter ture, ahn 6 572; Guine Guine	ic R 553 avies Jour d, 55 e on 568. errar ombi- linder a, 57 Ank	elatio; Gla on ti nals, .9. Nome d Ke an Ex c to S 2; A	onship idstor he Ga 554; enclat sulems xpedit spedit annual sale /	s of ee's me-I Orn ure, ion, e's I	561 571 572 Iand neral The	e e e e e e e e e e e e e e e e e e e
Austr Calife 551; Kenis on N Birds Verte and V logica Corres AN Bird Ornit List o Meets Delay	chapma. 552: cw Blo of Lor brate F Vater-F l Article NDENCE in the In Banding bologics of Birds ing of the vare Va O. U.,	an or Richi od F d Ho auna owl c es in .— T atern s.— 'I g Ab al Inv , 572 ne B. Illey	mond Pheas owe, 1 of D of So other Phe F ation Obituroad, vestig	ants, Norfo Jumfri uth A Jour uncti al Cat iary; 571; pation ollast	552; ik, an iesshi frica, nals, ons o talogu Wilh The s in t on's	Olivid the re, 553; 558; of the seem American Am	e Ker 3; H The Publi A. C Scient Blasit rican ribilot dition	or the rmade or the correction of the correction	Geo ec Isi ugh a itholo ns Ro Com itera 1; Jo eum' nds,	graph ands, and Dogical occive mitter ture, ahn 6 572; Guine Guine	ic R 553 avies Jour d, 55 e on 568. errar ombi- linder a, 57 Ank	elatio; Gla on ti nals, .9. Nome d Ke an Ex c to S 2; A	onship idstor he Ga 554; enclat sulems xpedit spedit annual sale /	s of ee's me-I Orn ure, ion, e's I	561 571 572 Hand neral The ng of	ill of
Austr Calife 551; Kenis on N Birds Verte and V logica Corres AN Bird Ornit List of Meet Delay the A	chapm, 552; ew Blo of Lor brate F Vater-F I Articl NDENCE in the Ir D NEW Banding hologics of Birds ing of the vare Va	an or Richi od F d Ho auna owl c es in .— T atern s.— 'I g Ab al Inv , 572 ne B. Illey	mond Pheas owe, 1 of D of So other Phe F ation Obituroad, vestig	ants, Norfo Jumfri uth A Jour uncti al Cat iary; 571; pation ollast	552; ik, an iesshi frica, nals, ons o talogu Wilh The s in t on's	Olivid the re, 553; 558; of the seem American Am	e Ker 3; H The Publi A. C Scient Blasit rican ribilot dition	or the rmade or the correction of the correction	Geo ec Isi ugh a itholo ns Ro Com itera 1; Jo eum' nds,	graph ands, and Dogical occive mitter ture, ahn 6 572; Guine Guine	ic R 553 avies Jour d, 55 e on 568. errar ombi- linder a, 57 Ank	elatio; Gla on ti nals, .9. Nome d Ke an Ex c to S 2; A	onship idstor he Ga 554; enclat sulems xpedit spedit annual sale /	s of ee's me-I Orn ure, ion, e's I	561 571 572 Iand neral The	ill of

Terms: — \$3.00 a year, including postage, strictly in advance. Single numbers, 75 cents. Free to Honorary Fellows, and to Fellows, Members, and

Associates of the A. O. U. not in arrears for dues.

Subscriptions should be addressed to DR. JONATHAN DWIGHT, Jr.,
Business Manager, 134 West 71st St., New York, N. Y. Foreign Subscribers may obtain 'The Auk' through R. H. PORTER, 9 Princes Street,

CAVENDISH SQUARE, W., LONDON.
All articles and communications intended for publication, and all

books and publications for notice, should be sent to Mr. Witmer Stone,
ACADEMY OF NATURAL SCIENCES, LOGAN SQUARE, PHILADELPHIA, PA.
Manuscripts for general articles should reach the editor at least six weeks
before the date of the number for which they are intended, and manuscripts
for 'General Notes' and 'Recent Literature' not later than the first of the month
preceding the date of the number in which it is desired they shall appear.