

blue jay

A JOURNAL OF NATURAL HISTORY AND CONSERVATION
FOR SASKATCHEWAN AND ADJACENT REGIONS

Published quarterly by the
SASKATCHEWAN NATURAL HISTORY SOCIETY
Regina, Saskatchewan.

Editor: Bernard Gollop

Assistant Editors: Robert W. Nero, Gary Seib, Vern Harms, Merv Atton.

Circulation: Lorne Scott

Editorial Assistants: Sandie Shaver, Molly Denson,
Bill Richards, Jean Meston

All items for publication should be addressed to
J. B. GOLLOP, 2202 York Ave., SASKATOON, SASKATCHEWAN, S7J 1J1.
Deadline for material to be considered for the March issue is
January 10, 1974.

SUBSCRIPTIONS-MEMBERSHIPS

The classes of memberships in the SNHS are as follows: *Regular*, \$3.00; *Supporting* \$5.00; *Sustaining* \$10.00. Supporting and sustaining memberships include the regular membership fee plus a donation for which a receipt is available for income tax purposes, upon request. Bulk orders (minimum of five to one address) are available to junior club members and to educational institutions at the rate of \$3.00 for the first subscription and \$1.00 for each additional one.

Send all renewals and new memberships to THE TREASURER, SNHS, Box 1321, Regina, Saskatchewan. (Note: Bookshop orders should be sent to Box 1121).

REPRINTS

Requests for quantities of reprints of any article in the *blue jay* should be sent to Midwest Litho Ltd., 709 - 43rd St. East, Saskatoon, Saskatchewan, within one month of publication. Contributors wishing a few extra copies of the current *blue jay* may get them at cost. Requests for these should be made to the Editor when material is submitted for publication.

Any material printed for the first time in the *blue jay* may be reproduced without permission. Credit lines will be appreciated. Use of photographs requires written permission from the photographer.

SASKATCHEWAN NATURAL HISTORY SOCIETY

BLUE JAY SUBSCRIPTION AND SNHS MEMBERSHIP RENEWAL FORM

Regular membership (for all members, including juniors and institutions)	\$ 3.00
Supporting membership	5.00
Sustaining membership	10.00

Any amount in excess of \$3.00 is creditable as an income tax deduction and receipts for the excess amount will be mailed **upon request**.

Income tax receipt required

Bulk subscriptions to schools and to organized junior naturalist groups will be \$3.00 for the first subscription and \$1.00 for each additional subscription to the same address (minimum of 5 subscriptions).

No further *Blue Jays* will be mailed to members in arrears.

RENEWAL FORM

NAME (Please print clearly) :

ADDRESS:

CLASS OF MEMBERSHIP:	1 yr.	More than 1 yr.	Total \$
Regular (\$3.00)	<input type="checkbox"/>	<input type="checkbox"/>	-----
Supporting (\$5.00)	<input type="checkbox"/>	<input type="checkbox"/>	-----
Sustaining (\$10.00)	<input type="checkbox"/>	<input type="checkbox"/>	-----

Check one:

I presently hold a **Regular** , **Supporting** , **Sustaining** membership with expiry date of, 19.....

I am a new member.

Do you know of any person interested in natural history and conservation who does not receive the *Blue Jay*. If you do, please list name and address on back of this page and we will send a sample *Blue Jay* and an invitation to join our society.

FOR OFFICE USE ONLY

Date stamp	Cash entry	Processing.....
	Date stamp	Receipt No.....
		Date stamp.....

Please Tear Out and return to George Dodd, Box 1321, Regina. Make all cheques and money orders payable to the SNHS.

Please do it now! Please remit before December 31, 1973.

blue jay

Vol. 31, No. 4

December, 1973

Pages 193-256

TABLE OF CONTENTS

COVER: Snowshoe Hare Tracks. Photograph by Doug Gilroy.

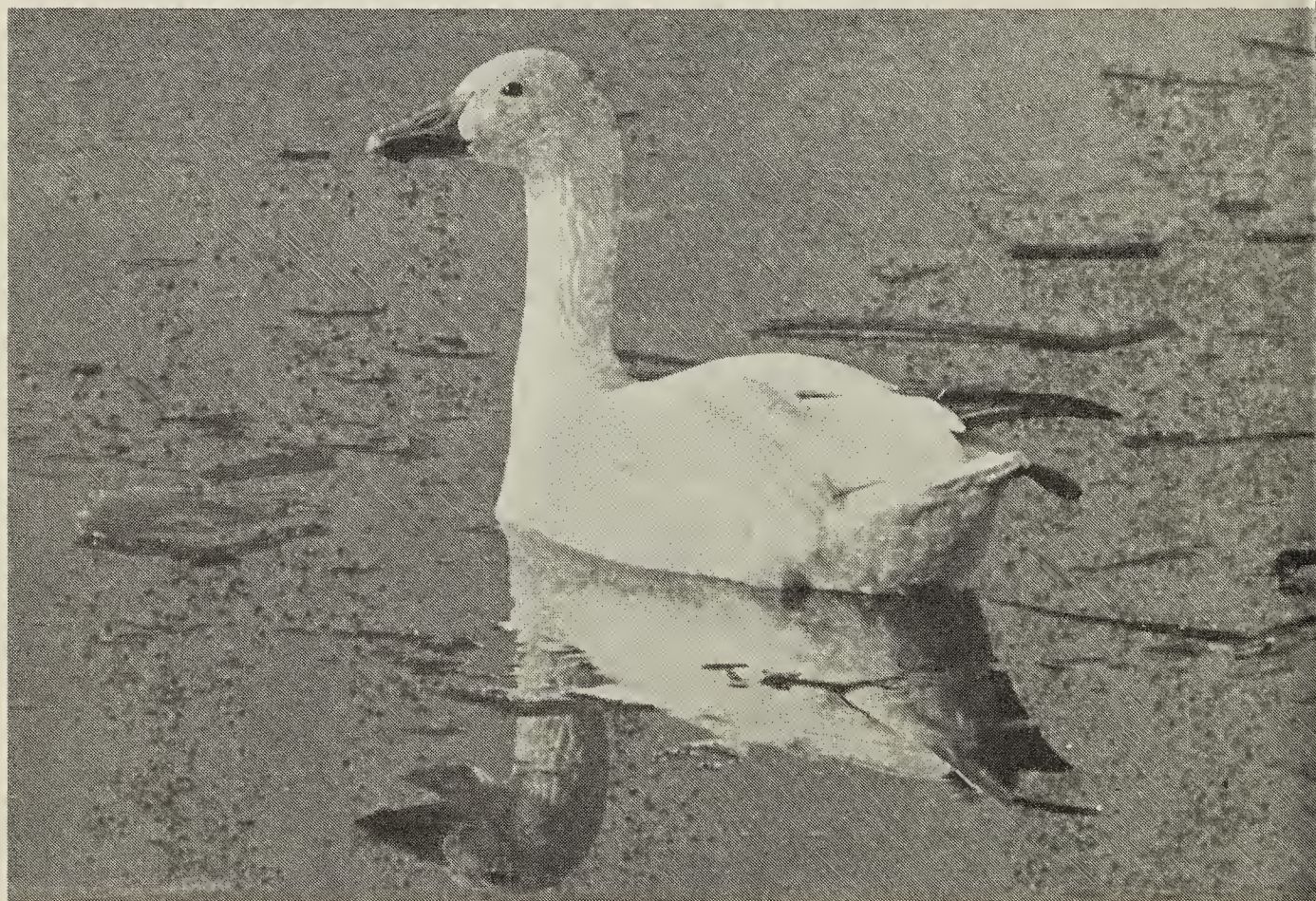
HAROLD MOSSOP. <i>John Jack</i>	195
THE CONSERVATION PROGRAM OF PARKS CANADA. <i>Jean Chretien</i>	196
GRASSLAND PARK RESOLUTION. <i>Saskatchewan Natural History Society</i>	199
DEPARTMENTS OF ENVIRONMENT. PART II. <i>Geoffrey Galloway</i>	200
A BRIEF CONCERNING THE MEADOW LAKE PROVINCIAL PARK. <i>Saskatchewan Natural History Society</i>	203
OBSERVATIONS ON POWER TOBOGGANS. <i>Frank C. Switzer</i>	208
Plants	
NATIVE CONIFERS OF SASKATCHEWAN. <i>Vernon L. Harms</i>	210
NODDING TRILLIUMS IN EASTERN SASKATCHEWAN. <i>Bernard de Vries</i>	214
CANADA PLUM IN SOUTHWESTERN ALBERTA. <i>W. J. Cody and Keith Shaw</i>	217
HOW INDIANS USED THE BIRCH. <i>M. A. Welsh</i>	220
Birds	
THE LAND, THE BIRDS THROUGH 50 YEARS IN ASPEN PARKLAND. <i>William Niven</i>	223
GLAUCOUS-WINGED GULL AND THAYER'S GULL AT CALGARY, ALBERTA. <i>D. V. Weseloh and Virginia Lang</i>	230
WHITENESS IN AN AMERICAN WIGEON. <i>Moe Mareschal</i>	232
A CORRESPONDENCE COURSE IN BIRD STUDY	234
THIRTEENTH ANNUAL NESTBOX REPORT OF THE BRANDON JUNIOR BIRDERS. <i>Jack Lane and Christopher Martin</i>	235
1972 ALBERTA RAPTOR BANDING REPORT. <i>Chris S. Rees</i>	236
Mammals	
GRAY SQUIRRELS AT WEEKES, SASKATCHEWAN. <i>Donald Hooper</i>	238
YOUNG MAMMALS. Photos by <i>R. E. Gehlert</i>	239
Archaeology	
A FOSSIL FIRST FOR CANADA. <i>Ron Tillie</i>	242
COMET KOHOUTEK	244
30 YEARS AGO	244
1973 CONSERVATION AWARD	245

SNHS ANNUAL MEETING, OCTOBER, 1973. Photos by <i>Gary Seib</i>	2
1973 CLIFF SHAW AWARD	2
SNHS FINANCIAL STATEMENT — YEAR ENDING SEPTEMBER 30, 1973 ..	2
Letters	
RAM'S-HEAD LADY'S-SLIPPER AT HUDSON BAY, SASK. <i>F. R. Vance</i> ...	2
A DISAPPOINTING VISIT TO "BLUE HERON VALLEY". <i>Effie Matson</i> ...	2
Books	
CHRISTMAS GIFTS THE YEAR ROUND. <i>Muriel Dickson</i>	2
THE COMMON INSECTS OF NORTH AMERICA. <i>Lloyd O. T. Peterson</i>	2
THE SNIPES: A STUDY OF THE GENUS CAPELLA. <i>Glen A. Fox</i>	2
ALBERTA VIREOS AND WOOD WARBLERS. <i>Stan Shadick</i>	2
A SIMULATION MODEL FOR THE MANAGEMENT OF SANDHILL CRANE <i>A. Brian Ransom</i>	2
LOOKING BACK AT YEAR I	2

ERRATA — September, 1973, issue.

In "A study of seven warblers in Riding Mountain National Park" by W. J. Walley, the following error was made on page 158:

"All three habitats were studied in 1970 and 1971 . . ." should read "All three habitats were studied in both years . . .", i.e., 1971 and 1972.



Lesser Snow Goose

Fred Lahrmann