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

FOUNDED IN 1942 BY ISABEL M. PRIESTLY

Published quarterly by the Saskatchewan Natural History Society, Box 178 Saskatoon, Saskatchewan S7K 3S1. CN ISSN 0006-5099.

Editor: Gary W. Seib, 2325 Cornwall St., Regina S4P 2L4 Tel. (306) 523-7323.

Associate Editors: Margaret Belcher, J. Bernard Gollop, George F. Ledingham.

Editorial Assistants: Georgina Jackson, Shirley Jowsey, Barbara Shourounis.

Circulation: Jim Mundy.

All items for publication should be addressed to the editor at 2325 Cornw Street, Regina, Saskatchewan S4P 2L4. Deadline for material to be considered f the December issue is October 13, 1978.

SUBSCRIPTIONS-MEMBERSHIPS: Send all renewals, new memberships a correspondence concerning changes to address to the TREASURER, SNHS, BC 1784, SASKATOON, SASKATCHEWAN S7K 3S1.

The classes of membership in the Society are as follows: Regular \$5.6 Sustaining \$10.00; Patron \$25.00. Sustaining and Patron memberships include to regular fee plus a donation for which a receipt is available for income tax proposes, upon request. Bulk orders (minimum of five to one address) are available to junior club members and to educational institutions at the rate of \$5.00 for to first subscription and \$2.00 for each additional one.

REPRINTS: Requests for quantities of reprints of any article in the *Blue*, should be sent to Centax of Canada, 1440 Scarth Street, Regina, Saskatchew within one month of publication. Contributions 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 reproductive without permission. Credit lines will be appreciated. Use of photographs requiwritten permission from the photographer.

Cover: Great Horned Owl. Lorne Scott.

BLUE JAY

September 1978

Pages 129-176

| 1. | Plants | |
|--|---|-----------|
| and the mail | ADDITIONAL RECORDS FOR SOME RARE OR UNCOMMON NATIVE ORCHIDS IN SASKATCHEWAN. Vernon L. Harms | 30 |
| The second second | ATRIPLEX POWELLII AND CABRI LAKE. J. H. Hudson | |
| | PENNY CRESS POISONOUS TO LARVAE OF THE NATIVE WHITE AT THE PAS, MANITOBA. Walter Krivda | 39 |
| and the second second | Reptiles | |
| | FACTORS LIMITING THE DISTRIBUTION OF THE PRAIRIE RATTLESNAKE Victor Gannon 1 | |
| 5 | Birds | |
| Same and the second | YELLOW-CROWNED NIGHT HERON — A NEW BIRD FOR SASKATCHEWA Frank Brazier, Manley Callin and David Chaskavich | |
| and the second | A MODERN NESTING RECORD FOR WHOOPING CRANES IN ALBERTA. Ernie Kuyt | 47 |
| the standards of the | CLUTCH SIZE OF THE AMERICAN AVOCET IN THE PRAIRIE PROVINCES. Norbert G. Kondla | 50 |
| | BROOD SIZE AND FOOD HABITS OF GREAT HORNED OWLS NEAR CALGARY, ALBERTA. Harold W. Pinel | 54 |
| An and a second | HIGHLIGHTS OF BIRD OBSERVATIONS IN THE CALGARY AREA, ALBERTA, 1971-1977. Harold W. Pinel and Rudi J. Butot | 59 |
| 5 00 | WINTER COURTSHIP BEHAVIOUR IN BOHEMIAN WAXWINGS. Richard W. Knapton and Donald A. Sexton | 64 |
| | EARLY RECORD OF REDPOLL NESTING IN SOUTHERN ALBERTA. Martin K. Mc Nicholl | 66 |
| 5 43 | GLAUCOUS GULL AT ROSETOWN, SASKATCHEWAN. | C7 |
| 01 | F. A. Leighton and Anna Leighton | 67 |
| A. Contraction | Nature Library | () |
| | A GUIDE TO THE BIRDS OF VENEZUELA. Reviewed by Wayne Lynch 1 SUGGESTIONS FROM THE BLUE JAY BOOKSHOP | |
| dist frames | JUGGESTIONS FROM THE BLUE JAT BOOKSHOL | 09 |
| | Obituaries R. J. FITCH, 1886-1961. Charles D. Bird | 74 |
| | A TRIBUTE TO "CORKY" JONES OF EASTEND. Fred McGuiness | |
| | | , 0 |
| and the second | | |
| - | | |