

The VICTORIA NATURALIST

PUBLISHED BY THE
VICTORIA NATURAL HISTORY SOCIETY
VICTORIA, B.C.

MARCH 1976
VOL. 32, NO. 7

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VICTORIA NATURAL HISTORY SOCIETY

PROPOSED AMENDMENTS TO THE BY-LAWS

The following proposed amendments to the By-laws will be brought before the General Meeting on April 13, 1976:

1. Art. 2.03 (c)

Delete the whole sub-section and substitute:

"Vacancies in offices and on the Board of Directors shall be filled by election at the Annual General Meeting. Terms of office for both Officers and Directors shall normally be two years, unless the Board of Directors resolves that a term should be for a shorter period."

2. Art. 2.04

Delete the 2nd sentence.

3. Art. 2.06 (b)

Delete the whole sub-section and substitute:

"If for any reason the Vice-President ceases to hold office, the Directors shall appoint one of their number to the office for the remainder of the term."

4. Art. 2.06 (d) (e) (f)

Re-letter (e) (f) (g)

5. Art. 2.06 (d)

Insert new Article 2.06 (d)

"If for any reason the Secretary or the Treasurer ceases to hold office, the Directors shall appoint a member of the Society to the office for the remainder of the term."

6. Art. 2.06 (e), now re-lettered (f)

Delete the last sentence and substitute:

"A Director thus appointed shall hold office for the remainder of the replaced Director's term."

7. Art. 2.06 (f), now re-lettered (g)

Delete the whole sub-section and substitute:

"The Directors shall fill any vacancy on the Board due to these or other causes within sixty days of its occurring by appointing a member of the Society to fill it for the remainder of the term."

8. Art. 3.06

Delete the whole section and substitute:

"The signing officers of the Society shall be any two of the President, Vice-President, Secretary and Treasurer."

9. Art. 4.07 (a)

Delete the 2nd sentence.

10. Art. 5.09

Delete the whole section and substitute:

"The rules contained in Robert's Rules of Order shall govern the proceedings of the Board of Directors and of General, Annual General, and Special (Extraordinary) Meetings of the Society, in all cases to which they are applicable and in which they are not inconsistent with the By-laws of the Society."

Dated February 1976.

Signed

Eric M. Counsell

A. Douglas Turnbull

R. Yorke Edwards

Jean Rimmington

Harold Hosford

Kaye Suttill

Stephen R. Mitchell

Jack E. Williams

Rick H. Harcombe

Vera Guernsey

Members may obtain a copy of the By-Laws from the Secretary.

This notice is inserted in accordance with Article 5.07 of the By-Laws.

VICTORIA NATURAL HISTORY SOCIETY

Mailing Address: P.O. Box 1747, Victoria, B.C. V8W 2Y1

HONORARY LIFE MEMBERS

Albert R. Davidson, George E. Winkler, Miss M.C. Melburn,
Miss E.K. Lemon, Mrs. L.E. Chambers, E.E. Bridgen,
Dr. Douglas B. Sparling, Mrs. H.W.S. Soulsby

EXECUTIVE OFFICERS 1975-76

President	Vice-President
A. Douglas Turnbull	Eric M. Counsell
3614 Cadboro Bay Rd.	1005 - 647 Michigan St.
592-6025	386-3989

Immediate Past President
R. Yorke Edwards
620 Rockland Pl.
598-7503

Secretary	Treasurer
Mrs. J.L. Rimmington	Kenneth C. Alexander
3372 Henderson Rd.	1382 Craigdarroch Rd.
592-6037	595-6252

DIRECTORS

Rick H. Harcombe	Harold Hosford	Stephen R. Mitchell
461 Sparton	303 Daniel Pl.	4321 Majestic Dr.
479-4958	478-5794	477-9248

Mrs. Kay Suttill	Jack E. Williams
5065 Lockhaven Dr.	9667 - 5th St., Sidney, B.C.
477-4583	656-1484

(See also inside back cover)

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Annual Dues, including subscription to the Victoria Naturalist:
Junior - \$2.50; Golden Age Single - \$4.00; Regular Single - \$5.00;
Family (Golden or Regular) - \$7.50; Sustaining - \$25.00.

Junior Membership is restricted to those not under 8 years and not over 18 years.

Financial year is May 1 to April 30
New Members joining after January 1 - half fee.

DUES AND CHANGE OF ADDRESS SHOULD BE SENT TO THE TREASURER.

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SHOOTING BIRDS CAN BE FUN

... With a Camera

by Enid K. Lemon

"The great points about successful natural history photography are the possession of suitable apparatus to work with, an aptitude for taking care in stalking timid creatures, and plenty of patience and determination to wait for and get what is wanted in spite of obstacles."

This was written by Richard Kearton in "With Nature and a Camera" published in 1897. His message will hold forever. But how different is the "apparatus" of today. In their day the pioneers carried heavy and awkward equipment - plate cameras, cumbersome tripods and other weighty and fragile photographic hardware. Today we use lightweight cameras and the film comes in cassettes weighing a few ounces.

Before starting a bird "shooting" expedition, a few "musts", the basic ethics, should be noted.

The interests of the bird come first, particularly when working at a nest. Here the camera bearer is taking advantage of the parental instincts of his subject; carelessness or lack of consideration can be disastrous.

Always leave the area as you found it. Do not leave a trail to the nest. And be sure to "fluff up" any vegetation you trampled down.

Cover

THE WAY IT WAS

Bird Photography at the Turn of the Century

by Richard Kearton

Courtesy - The Nature Conservancy, London, England

Remember, too, there are only a few days when photography is possible close to a nest. Young birds should not be "shot" when there is a possibility of their getting a chill. Be sure the nestlings are well covered with down or, preferably, with the juvenile feathers beginning to appear before setting up for photography. Another danger is that of the young birds leaving the nest before they are ready. Take the pictures after the fuzzy youngsters have been fed, when the adult bird is about to leave the nest.

A robin's nest with two eggs in it should be left alone until the full clutch, usually four, is complete. Note the date and return a week later for the picture.

EQUIPMENT

Buying a camera is like purchasing a car. What suits one person will not be acceptable to another. Today's 35mm, single-lens reflex cameras embrace many makes and models and cover a wide price range. The increasingly popular 2¼-inch square is also a useful camera; while professionals prefer large-format cameras. There are many advantages to the large format but weight and bulkiness are distinct disadvantages. My experience has been with the 35mm; therefore I will limit my words of wisdom to it.

First, it is advisable to have two cameras, one loaded with Kodacolor for colour or black and white prints, and the second for slides. In winter, or in dull weather, use a film with high ASA rating. Bright weather requires film at a lower ASA rating. Mark each camera to indicate the type of film it contains. In the excitement of the moment it is easy to set your meter at the wrong ASA rating.

The normal 50-55mm standard lens is suitable only for recording the habitat or the eggs in the nest. For other work I recommend a 400mm lens, to which can be added tubes or bellows. Most lenses of this length will not focus closer than 20'. The addition of tubes or bellows provides a greater reproduction ratio, making possible a larger image of your subject on the film.

The use of tubes is restricted to 20' and under, but with bellows you can shoot from infinity down to six feet, depending on your lens. With your lens attached to your camera you now have about 20 pounds of equipment and something must protect it from the "shakes" - a tripod. Your tripod should be rigid and strong. Never sacrifice rigidity for lightness. An unsteady tripod is useless. The type with a centre elevating post is not recommended because it's amazing how that post can shake. A good quality "tilting" head is a must; one often wants to shoot up or down without having to move the tripod.

Going through the bush with a tripod can be maddening. Three legs hanging behind you have a wonderful knack of catching the shrubbery. A gun-stock type of support is useful but with this shoot your film at 1/125 of a second or faster, or you'll get fuzzy pictures.

CLOTHING AND BLINDS

Birds can see red, green, and yellow, but blue appears as grey to them. Therefore wear blue or drab coloured clothing. With your camera set up, you will need one of the most important items in a bird photographer's "bag of tricks" - a blind. It need be only a simple affair. For the frame you need a roof support roughly three feet square; and to support the roof frame, four poles five to six feet long, notched in the middle for easy carrying. These fit into drilled holes in the framework. Cover entirely with burlap, with a long zipper opening in the front for the lens and another at the back to enclose completely. Allow sufficient material at the base to peg the cover down and prevent flapping in the wind. Don't forget a light and comfortable folding seat. You may be in your burlap house for hours. Birds apparently cannot count, so if possible have a companion walk with you to the blind and when you are "in situ" have him move away.

Birds seldom take notice of a person in a car, and the vehicle serves as a good blind. Be sure, however, not to make any quick movements. Have a window open before approaching your "shooting" area and have your camera and lens ready for action.

When travelling on the highway, my camera rests in a strong padded box between the front seats of my Volkswagen camper. In good birding country, it's on the top of the box on two inches of foam rubber. The shutter speed is set at 1/125, with a suitable lens opening. If it is sunny, the equipment should be covered to keep the film from getting too hot.

Sometimes a remote control for the camera is useful. One word of warning - buy a heavy duty model.

GADGETS

The word "gadget" covers a multitude of photographic items. Here are a few I find useful. Some, quite understandably, are never listed in the photographic magazines.

I recently purchased a small tape recorder; very useful for "calling in" birds. First, make a recording from one of many available records. I recommend those that are a companion to Peterson's "Guide to the Western Birds". Or go into the field and get actual recordings from the birds themselves. Play your recording back to the bird and you will find your subject will come much closer to you and your camera.

For water ventures I recommend a two-man inflatable rubber boat. It's amazing how close you can paddle to the nests of some waterfowl. Hip waders are a "must" if you want to inspect the fascinating life of a swamp or stream.

Sometimes it is necessary to tie back twigs near a nest site, so include a spool of brown or black thread among your equipment. Never cut vegetation near a nest; tie it out of the way. And remember to remove the thread before leaving.

RECORD NOTEBOOK

It is helpful to make records of your work - film speed, aperture, and lighting conditions, species and nesting data. These will help you to evolve helpful formulas for future use. Record any interesting observations about the bird. Such notations could include the number of times the young birds are fed per hour, type of food given, and other details will be useful for any talk you may subsequently present with your slides; or for ornithologists who might use your material.

The keen amateur can make valuable contributions to the scientific field with such on-the-spot observations.

Where does one start this interesting hobby of bird photography? I suggest at a bird feeder or bird bath. This experience will undoubtedly encourage the beginner to go further afield for pictures of birds in their natural habitat. With this approach your interest in birdlife will increase.

Remember, much land is privately owned. A polite request will invariably result in permission to photograph the fauna or flora you have spotted. Return the courtesy by sending to the owner a print of the subject you were able to "shoot" on film.

Should you experience frustration with birdlife - and this can happen - remember fungi, flowers and marine life captured on film can also be most rewarding. They don't fly away!





BIRD REPORTS

by Jack Williams

YELLOW-BILLED LOON - Jan. 14, Saanich Inlet, 1, VG.
RED THROATED LOON - Jan. 1, Royal Roads, 9, RS;
Jan. 20, Mt. Douglas Beach, 1, JW; Jan. 17, Is. View
Beach, 1, FT.
WHISTLING SWAN - Jan. 3, "Big Barn", 3, JS, TH.
TRUMPETER SWAN - Jan. 1 - 23, Albert Hd. Lag., 3ad,
RS, VG, JS, TH; Jan. 2 & 23, Sooke River, lad, VG.
CANADA GOOSE - Jan. 1, Quick's Bottom, 56, RS.
WHITE-FRONTED GOOSE - Jan. 1, Interurban Flats, 1imm,
VG; Jan. 24, Somenos Lake, 4, VG, MS.
GADWALL - Dec. 30, Quick's Bottom, 1m, 1f, JS, TH;
Jan. 5, Quick's Bottom, 6m, 3f, RS; Jan. 21, Quick's
Bottom, 5m, 4f, MEG, VG.
GREEN-WINGED TEAL (Eurasian) - Jan. 1, Swan Lake, 1m,
DH; Jan. 5, Ascot Pond, 1m, JS, TH; Jan. 24, Tzouhalem,
1m, VG, MS.
REDHEAD - Jan. 1 - 13, Albert Hd. Lag., 1m, 2f, MEG,
VG, JS, TH, RS.
RING-NECKED DUCK - Dec. 30, Hastings Flats, 3, JS, TH;
Jan. 3, Panama Flats, 3, JS, TH; Jan. 30, Thetis Lake,
14, DW, JW.
BLACK SCOTER - Jan. 17, Is. View Beach, 3, FT; Jan. 24,
Robert's Pt., 1m, 2f, JW.
RUDDY DUCK - Jan. 10, Esquimalt Lag., 32, RS; Jan. 27,
Swan Lake, 40, TG.
TURKEY VULTURE - Jan. 10, Albert Hd. Lag., 1, RS.
GOSHAWK - Jan. 15, Rithet's Bog, lad, TS, GS; Jan. 16,
Rithet's Bog, lad, MEG, VG.
ROUGH-LEGGED HAWK - Jan. 3, Benvenuto Dr., 1, JS, TH.
MARSH HAWK - Jan. 6, S. of Somenos Lake, 1f, VG.
PEREGRINE FALCON - Jan. 3, Martindale Rd., lad, VG;
Jan. 24, Tzouhalem, lad, VG, MS; Jan. 26, Clover Pt.,
lad, RS; Jan. 30, Mt. Newton X Rd., 1, DW, JW.
MERLIN - Jan. 1, Lochside nr McTavish, 1, DW, JW.
AMERICAN KESTREL - Jan. 19, Munro Rd, 1m, DW, JW.

KILLDEER - Jan. 28, Sandown Track, 65, JW.
SPOTTED SANDPIPER - Jan. 17, N. Cowichan Ponds, 1,
VG, RS.
COMMON SNIPPE - Jan. 24, Field NW of Duncan, 40, VG, MS.
SANDERLING - Jan. 7, Ross Bay, RS; Jan. 7, Clover Pt.,
1, MEG, VG; Jan. 13, Esquimalt Lag., 2, MEG, VG; Jan. 24,
Cordova Spit w/Dunlin, KS, DS.
GLAUCOUS GULL - Jan. 11, "Big Barn" area, 1, LGR, MEG,
RS, VG; Jan. 17, Beverly St. Duncan, 1, VG, RS.
CALIFORNIA GULL - Jan. 25, Clover Pt., 2ad, RS.
RING-BILLED GULL - Jan. 6 & 7, Clover Pt., lad, MEG, RF,
RS.
BLACK-LEGGED KITTIWAKE - Jan. 23, River Jordan, lad, VG.
BAND-TAILED PIGEON - Jan. 15, Arbutus Rd., 50, MC.
ANNA'S HUMMINGBIRD - All Winter, Arbutus Rd., 1m, 1f, CC.
PILEATED WOODPECKER - Jan. 20, Arbutus Rd., 1, JW; Jan.
24, Beaufort Rd., 1, JW; Jan. 28, John Rd., 1, JW.
YELLOW-BELLIED SAPSUCKER - (RED-BREASTED) - Jan. 6, Isl.
Hwy. & Fisher, 1, VG; Jan. 9, Walter Hook, Saltspring, 1, BH.
HAIRY WOODPECKER - Jan. 20, Beaver Lake, 2, TG; Jan. 24,
Island View, 1, KS, DS.
BLUE JAY - Jan. 12, Norris Rd., 1, MEG, VG.
DIPPER - Jan. 4, Goldstream, 1, AR.
LONG-BILLED MARSH WREN - Jan. 16, Rithet's Bog, 1, MEG,
VG; Jan. 17, Martindale Pond, 1, FT; Jan. 24, Tzouhalem,
1, VG, MS.
MOCKINGBIRD - Jan. 17, Milburn Dr., 1, RS, VG.
HERMIT THRUSH - Jan. 2, French Beach, 1, MEG, VG; Jan.
23, Billings Pt., 1, VG.
TOWNSEND'S SOLITAIRE - Jan. 12, Norris Rd., 1, MEG, VG;
Jan. 31, Little Saanich Mountain, 1, RS, JH.
NORTHERN SHRIKE - Jan. 1, Island View Beach, 1, JW;
Jan. 2, Rithet's Bog, 1, JS, TH; Jan. 6, Tzouhalem, 1,
VG; Jan. 27, Hunt nr. Dooley, 1, DW, JW.
HUTTON'S VIREO - Jan. 16, Beaver Lake, 1, VG; Jan. 21,
Rithet's Bog, 1, MEG, VG; Jan. 31, Horth Hill, 2, RS.
ORANGE-CROWNED WARBLER - Jan. 2, 28, 29, 5th St. Sidney,
1, DW, JW.
YELLOW-RUMPED WARBLER - Jan. 2, Robertson St., 1, RS;
Jan. 6, N. Cowichan Ponds, 1, VG; Jan. 17, N. Cowichan
Ponds, 2, RS, VG; Jan. 24, N. Cowichan Ponds, 6, MS, VG;
Jan. 27, Swan Lake, 1, TG.
TOWNSEND'S WARBLER - Jan. 31, Horth Hill, 1, RS.

WESTERN MEADOWLARK - Jan. 1, Esquimalt Lag., 1, RS;
 Jan. 17, Lochside nr. Is. View Rd., 7, FT.
 BROWN-HEADED COWBIRD - Jan. 3, Ocean Ave. Sidney, 1m,
 1f, VG; Jan. 28, 5th St. Sidney, 1m, DW.
 COMMON REDPOLL - Jan. 22, Penrhyn St., 1m, RCMG, MEG, VG.
 RED CROSSBILL - Jan. 24, Mill Bay, 18, MS, VG; Jan. 30,
 Thetis Lake, 30, GM, FW; Jan. 31, Horth Hill (heard) RS.
 WHITE-CROWNED SPARROW - Jan. 1, Ocean & Lagoon, 1ad, 1imm,
 VG; All Month, 5th St. Sidney, 3ad, 2imm, DW, JW.
 GOLDEN-CROWNED SPARROW - Jan. 22 - 29, Earl St., 1m, 2f,
 JJ.

OBSERVERS in order of appearance:

VG, Vic Goodwill; RS, Ron Satterfield; JW, Jack Williams;
 FT, field trip; JS, John Schreiber; TH, Tom Hueston; MS,
 Mike Shepherd; MEG, Peggy Goodwill; DH, Dennis Horwood;
 DW, Dorothy Williams; TG, Tuesday Group; TS, Teresa
 Shepherd; GS, George Sirk; KS, Kay Suttill; DS, Dennis
 Suttill; LGR, Leila Roberts; RF, Ralph Fryer; MC, Mary
 Clarke; CC, Cynthia Campbell; BH, Betty Howland; AR, Ann
 Richardson; JH, Jack Hanna; RCMG, Rob Mackenzie-Grieve;
 GM, Gail Mitchell; FW, Florence Weekes; JJ, Joyce Jenson.

An unusual sighting comes from Josanne Brehart who,
 on Jan. 18, visiting at 379 Wain Rd., heard what sounded
 like a Catbird. On investigation she saw a grey bird
 with a black crown and a long tail which was flicked
 constantly. Josanne is familiar with Catbirds in the
 east. We tried to find it the next day but no luck.
 This would be about the second Catbird for Vancouver
 Island and shouldn't be in B.C. until June.

The mild weather seems to have brought several
 warblers around this winter and also an unusual sighting
 of a Turkey Vulture in January. The Mockingbird appear-
 ed again and the Blue Jay, first seen on Nov. 14 was
 seen again on Jan. 12, so spent the winter here.

Perhaps the best sighting of the month was the
 Common Redpoll which Rob Mackenzie-Grieve discovered
 in his garden on Jan. 22 and which stayed for 3 days.

Nobody seems to have seen any Waxwings or Steller's
 Jays this month; let us know if you do.

THE FIRST SHOE DROPS

This may be March and the end of the Society's
 year may still be more than a month away but it is
 still our duty as required under the Constitution to
 inform you that -

YOUR DUES ARE DUE!

This is the first shoe dropping. Don't wait 'til
 - also according to our Constitution - the second shoe
 drops, next month. Make your cheque or money order out
 now and mail it to:

The Victoria Natural History Society,
 P.O. Box 1747,
 Victoria, B.C. V8W 2Y1

and mark the envelope MEMBERSHIP.

(See bottom, inside of front cover, for rates.)

ANSWERS TO LAST MONTH'S PUZZLE -

Down: 1. Mitchell 2. Skipper 3. Tomato 5. Francis Park
 10. Thrush 11. Swampy.

Across: 1. Mosquito 2. Think 5. From 6. Nature House
 7. Sword 8. Knapsack 9. Canada Goose 12. Heron.

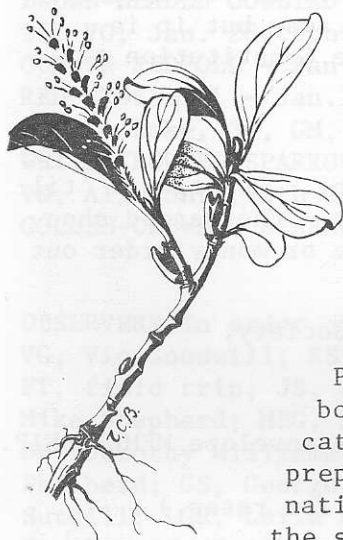
MORE "ON THE ROCKS"

Don't forget April 3rd and a "Day on the Rocks" in
 the Sooke area with Dr. Ken Northcote.

In case your April Naturalist doesn't arrive in
 time, this is your notice.

Bring lunch and boots and meet at Mayfair Lanes
 at 9:00 A.M.

THE BOOK SHELF



Botanists - and to some extent gourmets too - will be interested in two new books just released by the Provincial Museum in Victoria.

First off the press was a new Handbook - No. 34 in the Series - by someone well-known to our Society, Nancy Turner. Titled Food Plants of British Columbia Indians, Part I, Coastal Peoples, the book's 264 pages contain botanical information for the identification of plants - as well as their preparation and use - in the diet of the native peoples of coastal B.C. Most of the species discussed are illustrated either in black and white or in colour.

This is the first of what it is hoped will be a definitive series on the ethnobotany of B.C. Indians.

The second Museum publication is a more technical treatment of an assemblage of plants that have catkins as their common denominator - the Amentiferae. Titled The Catkin-bearing Plants of British Columbia, and written by T.C. (Chris) Brayshaw, Associate Curator of Botany at the Provincial Museum, this book is number 18 in their Occasional Papers Series.

This scholarly work provides the most up-to-date treatment of the willows, wax-myrtles, birches, hazelnuts and oaks available for this Province. A multitude of species are described and illustrated with Dr. Brayshaw's own line drawings, as well as the many subspecies, hybrids and varieties of the group.

Food Plants is selling for \$4.00, Catkins-bearers for \$3.00. Both are available at the Museum Book Shop.

* * *

Also of interest to local naturalists is a new revised, expanded and updated version of Hiking Trails, Victoria and Southern Vancouver Island. Now called Hiking Trails I, Victoria and Vicinity, the new book contains 46 pages of detail, including maps, of "clearly defined trails suitable for walks and strolls". Longer, day hikes are also included as well as information on many newly developed trails. At \$1.59, at most book stores, this book is a must for any peregrinating naturalist worthy of the name.

YOUR SUMMER STILL OPEN?

WHY NOT TRY BAMFIELD???

The Bamfield Marine Station has lined up an interesting array of courses for next July and August, several of which have special interest for the naturalist.

For example, between July 24 and Aug. 14, you can study Marine Pollution and Its Assessment under Dr. Derek V. Ellis of the University of Victoria. Or, if your interest runs to birds or mammals try one of these: the Ecology of Marine Birds, sponsored jointly by the British Columbia Provincial Museum and the Marine Station, or the Biology of Marine Mammals. Dr. Spencer Sealy of the University of Manitoba, and Wayne Campbell, of the B.C.P.M., will head the bird group while Dr. H.D. Fisher of U.B.C., will lead the mammals.

The courses will include lectures, seminars and field trips in the Barkley Sound area. Tuition - \$178. for each 3-week course - includes room and board.

For applications and further details write:

BAMFIELD MARINE STATION
BAMFIELD, B.C.
CANADA VOR 1B0

MARCH PROGRAMMEADULTS:Tues. Mar. 9

General Meeting - 8 p.m. Newcombe Auditorium.

Speaker: Dr. David Richardson.

Topic: The Arctic & Problems Associated with its Development.

Sat. Mar. 20

Ornithology - Esquimalt Lagoon and Fort Rodd.

Meet Mayfair Lanes 9 a.m. or Esquimalt Lagoon Bridge 9:30 a.m.

Bring lunch, boots and a friend.

Leader: Jack Williams.

Sun. Mar. 28

Botany - Early Spring Flowers - Thetis Lake.

Lunch Optional.

Meet Mayfair Lanes 9:30 or Thetis 10 a.m.

Leader: Ros Pojar.

JUNIORS:Sat. Mar. 13

Esquimalt Lagoon 1:30 p.m.

Drivers - Belton and Sinclair.

JUNIORS & INTERMEDIATES:Sat. Mar. 27

East Sooke Park 10:30 a.m. Bring Lunch.

Drivers - Marko & Whittaker.

Above trips meet at time indicated at Mayfair Lanes, Roderick and Oak corner.

INTERMEDIATES:Sat. Mar. 13

Salt Spring Island.

For details contact Jenny Singleton (658-5678).

AUDUBON FILMFriday and Saturday, March 26, 27 - 8 p.m.

Newcombe Auditorium. Walter J. Breckenridge with Migration Mysteries.

COORDINATORSPROGRAMME:

Stephen R. Mitchell 4321 Majestic Dr. 477-9248

THE VICTORIA NATURALIST:

Harold Hosford 303 Daniel Pl. 478-5794

UNIVERSITY LIAISON:

Dr. Alan P. Austin 4671 Spring Rd. 479-7889

FEDERATION OF B.C. NATURALISTS:

David Stirling 3500 Salisbury Way 385-4223

AUDUBON FILMS:

Miss Anne Adamson 1587 Clive Dr. 598-1623

JUNIOR NATURALISTS:

Mrs. Gail Mitchell 4321 Majestic Dr. 477-9248

LIBRARIAN:

A.R. Davidson 2144 Brighton Ave. 598-3088

FRIENDS OF THE MUSEUM:

Eric M. Counsell 1005 - 647 Michigan 386-3989

RESEARCH:

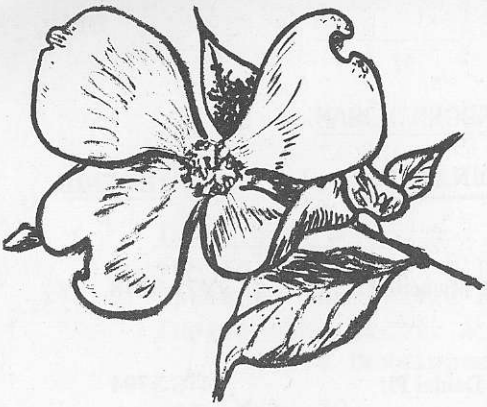
Rick H. Harcombe 461 Sparton 479-4958

ORNITHOLOGY:

Jack E. Williams 9667 - 5th St., Sidney 656-1484

BOTANY:

Stephen R. Mitchell 4321 Majestic Dr. 477-9248



Miss A & Miss C. M. Ayland

602-1120 Baal Drive

Victoria.

V8S 2N1

