

Blomidon Naturalists Society Newsletter



Winter 1995
Volume 22, No. 4

Happy New Year!

Total Lunar Eclipse - April 3

1996 Winter Programme

MONDAY EVENING MEETINGS

Unless otherwise noted, meetings are held on the third Monday of the month and start at 7:30 p.m. at Acadia University in Room 244 in the Beveridge Arts Centre. All meetings are open to the public and BNS members are encouraged to bring friends and neighbours.

February 19 Show and Tell

This is the annual "show and tell" session for the society. Bring slides, artifacts or any other things of interest that relate to natural history. You won't have to speak if you don't want to. There will be lots of room to display things. This session will be of interest to young persons and they are encouraged to bring things to show. Meet in Patterson Hall (Biology building), room 308.

March 18 Frogs and other Amphibians

Graduate students at Acadia have discovered new and interesting information. Nicole Nadorozny, who is following a Master's programme, will lead us through this fascinating world. Jeff Franklin will conduct a follow-up field trip in late April. Don't miss this double-header. Meet in Elliot Hall, room 221.

April 15 "...and the cow jumped over the moon."

The story of astronomy in Canada is a very human one, and women have played a large part in it. They have "reached the stars". Mary Lou Whitehorse, Nova Scotian astronomer/educator, will present a part historical, part biographical and entirely interesting talk on the role of Canadian women in astronomy, past, present and future.

Editorial Board

Chair: Susan Montonen

Committee: Merritt Gibson, Nancy Nickerson, Terry Power, Sherman Williams, George Alliston, Mark Elderkin

Production: Phil Taylor

Art: Mary Pratt, (Eagle by Gerry Phibbs)

Advertising: Neil Cloghesy

Distribution: Lana Churchill, Brenda Thexton, Judy Tufts

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Printed in Canada. For subscription information see 1996 Membership fees form on the back page. Please notify us at the above address if you change your address.

"The primary objective of the Society shall be to encourage and develop in its members an understanding and appreciation of nature. For the purpose of the Society, the word 'nature' will be interpreted broadly and shall include the rocks, plants, animals, water, air, and stars." (From the BNS constitution).

The Blomidon Naturalists Society is a member of the Federation of Nova Scotia Naturalists, the Nova Scotia Trails Federation, the Brier Island Ocean Study (BIOS), and an Affiliated member of the Canadian Nature Federation.

The Blomidon Naturlists Society is a registered charity. Receipts (for income tax purposes) will be issued for all donations.

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Notes from the Editor

The newsletter this month has a bit of a different look. It has been produced with a relatively inexpensive word processor/desktop publishing program called DeScribe. Many of the articles and contributions came in on disk or over the e-mail, making this job somewhat different, and easier than typing.

Production and sorting out the various programs that the contributions were written under was admirably handled by Phil Taylor, the new productionist. Thanks to Phil, and to retired-productionist Larry Bogan for his help. The first contribution to the newsletter came from Jim Wolford, ON DISK!. Thanks to everyone for your articles, reports and drawings. **The deadline for the Spring newsletter is April 1, 1996.**

Susan Montonen
smontone@ace.acadiau.ca

WINTER - EARLY SPRING 1996 FIELD TRIPS

27 January – EAGLES. Merritt Gibson will lead this trip. Meet at the Robie Tufts Nature Centre (RTNC) at 9 a.m. Dress warmly, bring field glasses and lunch. There should be lots to see. Farmers will be asked to throw out their chickens at a suitable time. Members of the Halifax Field Naturalists will join us. The snow date is 28 January. If the driving conditions from Halifax are good on the Saturday, the trip will be a go for that day.

3-4 February – MORE EAGLES. The community of Sheffield Mills holds its annual "Eagle Watch" on these two days. Pancake brunches are served in the community hall. BNS provides interpretive information and gives up-dates on eagle hot-spots. Proceeds from the meals go to support community projects.

17 February – WINTER WALK. Sherman Bleakney and Tom Herman will lead this walk through Kentville Ravine. Walk, snowshoe or ski - your choice. Info on animal tracks will be provided. A nice day out, we hope. Meet at the parking lot at the entrance to the Kentville Research Centre (Hwy 1) at 11 a.m.

22 March – WINTER/SPRING SKY. Sherman Williams and Roy Bishop will point out the marvels of the sky at the solstice. Just after sunset the crescent Moon and Venus will put on a show; as the sky darkens Orion will be worth the wait. Meet at 7 p.m. at the parking lot at Evangeline Park, Grand Pré. Dress warmly, bring binoculars or telescopes, and a hot drink. Cloud date is the 23rd - same time and place.

14 April – SPRING BIRDS - DUCK & EARLY MIGRANTS. Judy Tufts will lead us and members of the N.S. Bird Society about the ponds and swamps of the area. Waterproof clothing is recommended; waterproof footwear is essential. Meet at RTNC at 9 a.m. Bring lunch if you wish. Rain or shine.

~~19~~ **or 26 April – FROG HOP.** The date depends on how advanced spring is. It will be confirmed at or before the April monthly meeting. Jeff Franklin will lead the 'hop' in the Wolfville area. You will need warm clothing and waterproof footwear. Bring a flashlight (check the batteries before leaving home) and meet at the RTNC at 7:30 p.m. This outing is a winner with the young. Rain or shine.

¹⁸
~~11~~ **May – BIRDS, FLOWERS AND CAPE SPLIT.** Sherman Williams will have help from a couple of other leaders for this popular outing. It is a good hike - 5 km+ all up hill to the Cape, but well worth it. Wear appropriate clothing and bring lunch. Be prepared to bring out everything you take in. Meet at RTNC at 8:30 a.m. or at the parking lot at the end of the road beyond Scotts Bay at 9:15 a.m. Rain or shine.

Announcements

BIOLOGY SEMINAR CLUB WINTER 1996 SCHEDULE

Jan. 18 – Dr. Ron Saulnier
(Cancer Research Labs,
Queen's University)
*From cell adhesion to signal
transduction, integrins "stick to
business".*

Jan. 25 – Dr. Don Stewart
(Dalhousie University)
*Accelerated rates of molecular
evolution in fresh water and
marine mussels.*

Feb. 1 – Dr. Roger Rulifson
(East Carolina University)
TBA

Feb. 8 – Dr. John Castell
(DFO Halifax)
*Constraints, experiences and
opportunities in aquaculture in
Atlantic Canada and the World.*

Feb. 15 – Mr. Ray Cote
(School for Resource and
Environmental Studies)
Industrial parks as ecosystems.

Feb. 29 – Mr. Mark Elderkin
(DNR, Wildlife Division)
*Significant habitats and species
of Nova Scotia.*

March 14 – Mr. Jim Drescher
(Windhorse Farm Ecoforestry
School)
Sustainable forestry.

March 22 – Dr. Ford Doolittle
(Dalhousie University)
*Molecular biology and early
cellular evolution.*

Everyone is welcome. The seminars are held in room 308, Patterson Hall Acadia University at 4:00 p.m. Drinks and munchies are available. Any changes to any of the seminars are always posted on the doors of Patterson Hall.

1996 AGM OF THE FEDERATION OF NOVA SCOTIA NATURALISTS JUNE 7-9, 1996

The Annapolis Field Naturalists' Society is looking forward to the challenge of hosting the 1996 AGM of the Federation of Nova Scotia Naturalists. Members are already hard at work lining up an interesting and informative program and working out the logistics for an exciting weekend of talks, walks and social events. The full program will be circulated early in the new year, along with registration materials and information about accommodation and other amenities available in the region.

The Annapolis area is rich in history, both human and natural, and during the weekend we will provide many opportunities to explore the more noteworthy and fascinating natural places that our community has to offer. Some of the things that we plan to explore during the informative talks and exhilarating walks include development of local wetlands as waterfowl habitat, tidal power and its ecological impacts, coastal erosion of saltmarshes and what is being done to combat it and the status of the great whales in the Bay of Fundy. We are also looking into the possibility of guided cruises on the lower reaches of the Annapolis River. Many of the more scenic natural trails in the region have also been targeted for early morning walks focussing on birds, wildflowers and nature photography. The inevitable

business meeting of the FNSN will take place during the latter part of Saturday afternoon, providing an opportunity to hear about what the Federation has been doing recently and the challenges it will face in the coming year.

The Legion Social Centre in Annapolis Royal will be the principal venue for the weekend, with some events scheduled conveniently nearby. There are reasonably priced motels in the vicinity, a variety of bed and breakfast establishments, nearby campgrounds and as usual billeting will be arranged with local families for as many visitors as possible.

For registration information contact: FNSN AGM c/o AFNS, P.O. Box 576, Annapolis Royal, NS, B0A 1A0

NORTHERN GOSHAWK BREEDING HABITAT STUDY

Request for assistance

The Wildlife Division of the Nova Scotia Department of Natural Resources (NSDNR) is requesting assistance from throughout the province with a study on the breeding habitat(s) of Northern Goshawk (*Accipter gentilis atricapillus*).

In recent years, eastern populations of migratory Accipterine hawks, especially Sharp-shinned and Cooper's Hawk have declined from causes not fully understood. The status of the larger Northern Goshawk is more difficult to assess however, because the

extent of migration in any year is unpredictable and influenced by changes in local food supplies. At, or near the top of the food chain in forest ecosystems, breeding Northern Goshawk seem to prefer older, mature forests which support large prey species such as Red Squirrel, Snowshoe Hare, Ruffed Grouse and Northern Flicker. Research conducted elsewhere in North America suggests that Northern Goshawk are ideal indicators of healthy forest ecosystems.

Persons who know the actual location of active Goshawk nests in Nova Scotia are requested to provide more specific details. Each nests should be described on the specific forms and located on a 1:50,000 Topographic Map and 1:10,000 Aerial Photo. Photocopies of both topographic maps and aerial photos, and the form, can be obtained by contacting the regional biologist. Questions on any aspect of the Goshawk habitat study should be directed to Mark Elderkin or Pam Mills at the Wildlife Division (679-6091).

Please be advised that actual inspections of active nests for eggs and young are not desirable. Goshawks tend to be extremely aggressive toward humans around their nests during the breeding season, especially when young are present. For this reason, persons doing field checks are advised to protect themselves by wearing a heavy jacket and helmet equipped with a visor.

Assuming a sufficient sample of active nests is found; later this

winter and next spring forest inventories will be conducted in stands where breeding pairs are located. This information could then be used to document habitat requirements and for monitoring changes in habitat supplies across the province.

WINTER ACTIVITIES

21 January – Halifax Field Naturalists Field Trip **SEWER STROLL**

Peter and Linda Payzant will lead a bird watching trip of 4 1/2 hours, rated easy to moderate difficulty. Meet at 8:15 a.m. at NS Museum visitor's parking lot, or, 9 a.m. at Hartlen Point Golf Course parking lot. Dress warmly and bring a lunch. Contact: Cathy Fulton (443-0449) or Peter Payzant (861-1607).

25 March – NOVA SCOTIA WILD FLORA SOCIETY

Marion Zinck has been working on the newest edition of the Museum of Natural History's

book, *The Wild Flora of Nova Scotia*. She will be discussing what is new in the book, and why the Museum is updating it. 7:30 p.m. at the NS Museum of Natural History. Contact: Heather Drope (423-7032)

All winter – **KEJIMKUJIK NATIONAL PARK**

Keji offers a wide range of Nordic skiing opportunities. For beginners to advanced skiers, there are over 50 km of groomed and 65 km of ungroomed trails. Three trails have been designated for snowshoeing, from 1 km to 4 kms long. Jeremys Bay Campground is open for winter camping. Four picnic shelters are set-up as warm-up shelters with firewood. Local services include a country inn and several bed and breakfasts near the Park, and skis and equipment can be rented near the Park entrance.

Stop at the Visitor Centre before setting out. Information on snow conditions is available 24 hours a day by phoning (902) 682-2772.

Society Business and Notices

A WWW HOME PAGE FOR THE BNS

by Larry Bogan
Cambridge Station, N.S.

The Society has another way to communicate with its members and other interested person around the world. Acadia University has

provided space on its academic network for the Society to maintain files accessible from Internet. These files have been formatted to be read as pages on the World Wide Web.

The pages are designed to inform others about our Society as well as provide up-to-date information for

the members of the Society. On the 'home page' you can read parts of the BNS Newsletter, learn of meetings and field trips, and get the latest bird information.

If you have access to the Internet you may look at the information in those files with a 'Browser'. The browser displays both text and graphics as well as providing convenient hypertext link to other BNS pages and other home pages of interest.

Malcolm Uhlman, a BNS member, designed most of the pages, and I put them on the network. You can connect with the BNS home page at:

<http://ace.acadiau.ca/bns/home.htm>

If you have any questions or suggestions you can contact me at:

larry.bogan@ace.acadiau.ca
or 678-0446

PRESIDENT'S REPORT – OCTOBER 1995

by Roy Bishop, Avonport, NS

The Blomidon Naturalists Society is the largest local natural history group in Atlantic Canada. In 1995 the BNS came of age: our Society was formed 21 years ago. Yet some things do not change --- your current President and Vice-President wrote the BNS Constitution (on Saturday, March 9, 1974)!

The highlight of the past year for the BNS was the annual meeting

of the Federation of Nova Scotia Naturalists (FNSN), which was hosted by our Society in Wolfville on June 2, 3, and 4. With 135 registrants, this was the largest such meeting ever. This is the second time the BNS has hosted the FNSN Annual Meeting, having hosted the inaugural meeting of the Federation in June of 1990. George Alliston chaired the committee that arranged the 1995 meeting. Other members of this committee were: Peter Austin-Smith, Roy Bishop, Robert Emerson, Darlene Feener, George Forsyth, Merritt Gibson, and Tom Herman. These individuals attended several meetings during the winter and early spring. Their efforts, and that of several other volunteers, resulted in one of the most successful FNSN meetings yet.

As an overview of the Society's regular activities during the past year, here are the topics and speakers at the monthly meetings:

Sept. 19 – Life North of the North Pole, Dr. Olga Kukal

Oct. 17 – Coyote Update, Barry Sabean

Nov. 21 – Under Sail to Greenland, Branimer Gjetvaj

Dec. 12 – The Galapagos Islands, Jim Wolford

Jan. 16 – Bird Migration Local and Regional, Dr. Richard Stern

Feb. 20 – "Show & Tell"

Mar. 20 – Bird Nests, Bernard Forsythe

April 17 – Reflections on Natural History, Harry Brennan, Ross Baker

May 15 – The Tides of Fundy, David DeWolfe

June 19 – Dragonflies, Paul Brunelle, Dr. Tom Herman

Sept. 18 – Fundy Marine Ecosystem, Alison Evans

In addition to the monthly meetings, 29 field trips were held during the past year. Two of these were joint with the Nova Scotia Bird Society (*) or the Halifax Field Naturalists (**):

Sept. 5 – Cloud Lake canoe trip, Larry Bogan

Nov. 8 – Night Sky, Roy Bishop

Dec. 17 – Christmas Bird Count, Angus MacLean

Feb. 25 – Tracks and winter birds, Larry Bogan

Mar. 3 – Night Sky, Roy Bishop

April 21 – Frog Walk, Jeff Franklin

April 23 – Ducks and early Migrants*, Judy Tufts

April 29 – Robie Tufts Centre workday, Harold Forsyth

May 27 – Cape Split, Marian Zinck

June 3 - 4 – 12 field trips arranged for the annual meeting of the

Federation of NS Naturalists

June 18 – Frog Lake Canoe Trip, Larry Bogan

July 8 – Dragonflies, Paul Brunelle, Tom Herman

July 15 – Parks Day Blomidon Provincial Park

July 22 – McGill Lake, Graham Fisher

Aug. 12 – Shore Birds of the Minas Basin, Judy Tufts

Aug. 19 – Plants: Lumsden to Hell's Gate, Ruth Newell

Aug. 26 – Night Sky, Larry Bogan

Sept. 10 – Mud Lake Bog**, Marian Zinck

The Board of Directors, which manages the Blomidon Naturalists Society, held six meetings during the past year in order to handle the business of the Society. Most of these meetings were kindly hosted by Bill and Brenda Thexton at their home on Main Street. The directors for 1994-95 included (besides myself):

Vice President: Larry Bogan

Secretary: Lorna Hart

Treasurer: Harold Forsyth (Also, *Robie Tufts Nature Centre Chair*)

Past President: Tom Herman

Directors-at-large:

George Alliston (*BNS representative on the FNSN*)

John Harwood (*Program Committee Chair*)

Angus MacLean (*Christmas Bird Count Chair*)

Jim Wolford (*Treasurer FNSN*)
Irene Moore (*Robie Tufts Young
Naturalists Award Chair*)

The Blomidon Naturalists Society was fortunate in having such a devoted and able group to oversee its operations during the past year. Other members who served on committees included Margaret Alliston, Peter Austin-Smith, Sherman Boates, Lana Churchill, Neil Cloghesy, Mark Elderkin, George Forsyth, Merritt Gibson, Susan Montonen, Nancy Nickerson, Terry Power, Mary Pratt, Bill Thexton, Brenda Thexton, Judy Tufts, and Sherman Williams. My thanks to all these individuals for their part in making the Blomidon Naturalists Society the outstanding organization it is! It has been my privilege to work with these people.

A detailed record of the Society's activities is recorded in our Newsletter, which for the past two years has been under the capable editorship of Mark Elderkin. Beginning with the Autumn 1995

issue, we have a new Editor, Susan Montonen. Susan arrived in Wolfville last January, and is married to Dr. Phil Taylor, a new member of the Biology Department at Acadia University. Susan does contract work for various people in the local area.

Among other highlights of the past year were presentations of Honorary Memberships in the BNS: to Peter Austin-Smith in November, and to Harry Brennan and Ross Baker in April. Also, at the November 1994 meeting the Robie Tufts Young Naturalists Award was presented to Jonathan Ells. During this past summer the BNS employed a student, Monica Young, at the Robie Tufts Nature Centre.

Finally I wish to acknowledge my predecessor, Dr. Tom Herman, who led the BNS for four years (1990-94) and who continues to contribute his considerable expertise and good humor to our Society.

TREASURER'S REPORT

**by Harold Forsyth,
Greenwich, NS**

We ended the year with a balance of \$5860 after payables and receivables which included an excess of expenditures of \$627.

Membership increased to 220 paid-up memberships representing over 400 members.

Special thanks go out to those who made financial donations to the BNS during the year: Kate Mortimer, Nesbitt Burns, Jack and Alice Hyslop, Richard and Janet Whitman, Mary Porter, June Graves, Curtis Chipman, Owen and Janice Stephens, Wades Charitable Trust Foundation, Edward Eagles, Celia Corcoran and Gordon Foot. Also, thanks to Doane Raymond Chartered Accountants in Kentville for auditing the books.

**Blomidon Naturalists Society
Statements of Operations and Surplus**

Year ended August 31	1995	1994
Revenue		
Advertising income	\$425	\$485
Books	1529	2288
Donations	506	3780
Federation meeting	5295	
Goods and services tax rebate	203	369
Government of Canada		
SEED Grant	2000	
Environment Canada Grant		19800
Interest income	28	24
Membership dues	2943	2627
Other	183	
	<u>13,112</u>	<u>29,373</u>
Expenditures		
Administration	219	155
Awards and meetings	946	335
Bad debts	35	
Books	694	1981
Cornwallis project	915	
Dues	205	410
Fact sheet project		18902
Federation meeting	4276	
Nature centre	736	1134
Newsletter	2225	1973
Other	316	361
Owl project	444	455
Professional fees	207	200
Raffle		240
Wages and benefit	2521	129
	<u>13,739</u>	<u>26,275</u>
Excess of expenditures over revenue	<u>\$(627)</u>	<u>\$3,098</u>
<hr/>		
Surplus, beginning of year	\$12,519	\$9,421
Excess of expenditures over revenue	<u>(627)</u>	<u>3,098</u>
Surplus, end of year	<u>\$11,892</u>	<u>\$12,519</u>

**Blomidon Naturalists Society
Balance Sheet**

August 31	1995	1994
Assets		
Current		
Cash	\$6117	\$7418
Accounts receivable	599	679
Inventory of books, at cost	6032	6624
	<u>12,748</u>	<u>14,721</u>
Liabilities		
Current		
Payables and accruals	\$856	\$2,202
Equity		
Surplus	11,892	12,519
	<u>\$12,748</u>	<u>\$14,721</u>

**WHAT DO THE
DIRECTORS DO?**

by Roy Bishop, Avonport, NS

According to By-law #40 of the Blomidon Naturalists Society: "The management of the activities of the Society shall be vested in the directors . . ." Accordingly, the Directors (presently ten in number) hold four to six meetings per year to attend to the business of the BNS.

The first meeting of the Directors elected for 1995/96 took place at the home of Bill and Brenda Thexton on November 30 1995. One item of business at that meeting was the reforming of the five committees which serve the Society. These committees and their members are:

Conservation Committee: George Alliston, Peter Austin-Smith, Larry Bogan*, Lorna Hart, Tom Herman, Jim Wolford

Editorial Committee: George Alliston, Mark Elderkin, Merritt Gibson, Susan Montonen*, Nancy Nickerson, Terry Power, Philip Taylor, Sherman Williams, Mary Pratt, Neil Cloghesy

Program Committee: Sherman Boates, John Harwood*, Karin Robertson

Robie Tufts Nature Centre Committee: Peter Austin-Smith, Sherman Boates, Harold Forsyth*, Jim Wolford

Robie Tufts Young Naturalists Award Committee: Lana Churchill, Randy Milton, Irene Moore, Sherman Williams*
(*denotes chairperson)

Among other items considered were: a list of speakers on natural history topics for distribution to schools and other groups (being prepared), plans for a supper after the Christmas Bird Count, responses to the questionnaire on childrens' programs, upcoming monthly meetings and field trips (reported elsewhere in the newsletter).

Also the officers gave reports: President (progress on the application of our Society to become a "designated conservation organization": presently this is with the Minister of Natural Resources), Vice-President (home page for the BNS on the WWW), Secretary (correspondence), Treasurer (update on accounts and budget).

Directors of the Blomidon Naturalists Society
for the Year 1995-96

President:

Roy Bishop — 542-3992

Vice-President:

Larry Bogan — 678-0446

Past President:

Tom Herman — 678-0383

Secretary:

Neil Cloughesy — 542-4525

Treasurer:

Harold Forsyth — 542-5983

(At Large):

George Alliston — 542-3651

Sue Bissix — 542-9138

Lorna Hart — 542-4470

John Harwood — 582-3320

Randy Milton — 542-1761

Natural History Articles

APRIL 3 -- A TOTAL LUNAR ECLIPSE

By Roy Bishop, Avonport, NS

If the evening of Wednesday April 3rd 1996 is clear, reserve it for an uncommon celestial show! For the first time since December 1992 Nova Scotians will be treated to a total eclipse of the Moon. (There was such an eclipse on November 28, 1993, but it was raining in Wolfville that night).

On April 3rd the Moon begins to enter the dark umbra of Earth's shadow at 6:21 pm Atlantic Standard Time. However, this stage will not be visible since moonrise in the Wolfville region is not until 6:42 pm. For more than half an

hour after moonrise, the full Moon continues to slide into the shadow, reaching total eclipse at 7:26 pm. At this point the Moon will be low in the eastern sky (only 8° above the horizon) so position yourself so that a building, a tree, or a steep hill does not block your view.

Mid-eclipse is at 8:10 pm. At 8:53 the Moon starts to emerge into sunlight, and by 9:59 pm the obvious umbral part of the eclipse is over. Nova Scotians are favored for this eclipse since from the western half of Canada, the eclipse will be over before moonrise occurs.

There is no danger whatsoever in viewing a lunar eclipse, other than

having your neighbours wondering what you are doing, or possibly getting cold feet. The eclipse may be enjoyed with no optical aid, but binoculars or a small telescope will greatly enhance the view. The prettiest part of the eclipse will be within 5 or 10 minutes of when the Moon completely enters or begins to leave the umbral shadow (near 7:26 pm and 8:53 pm, respectively).

If there were an observer on the Moon looking back at Earth on April 3, he or she would see Earth pass in front of the Sun -- a total solar eclipse. At mid-eclipse Earth would completely cover the Sun and a colourful circular sunset would surround Earth, illuminating the dark lunar surface with a red or orange light.

Back on Earth, the colour of the Moon during the hour and a half it is totally eclipsed will depend upon the amount of cloud and dust in Earth's atmosphere. The colour can range from a rather bright orange to so dark that the full Moon may disappear from naked eye view! Earth has been relatively free from major volcanic eruptions in the past few years, so this may be a bright eclipse (the prettiest type).

1996 is unusual in that there will be two total lunar eclipses visible from Nova Scotia (weather permitting). The second one will be late in the evening of Thursday, September 26. Mark both eclipses on your calendar now! If you miss them, you will have to wait more than three years until after mid-

night on the cold night of January 20/21, 2000 to see another.

A final thought: Share the evening of April 3rd with a child. A total lunar eclipse is an uncommon and beautiful celestial event, happening perhaps only once in a clear early evening sky during a child's formative years.

TRIVIAL TIDBITS of Local Natural History

**selected and compiled
by Jim Wolford, Wolfville, NS**

As many of you know, I have fallen far behind on getting our observations into the Newsletter. Now I'm making a big attempt to catch up. The plants and invertebrates are from mid May to late Nov., 1995; however, some of the vertebrate records go all the way back to the autumn of 1994 -- sorry about that.

Once again I'll make my usual request of you naturalist-readers: that's all of you! Each observer has to make up her/his own mind as to what to report. Then it's incredibly simple to write a report for this column. On a small rectangular piece of paper (2x4 or 3x5 inches or so), briefly note what it was, when it happened (date, year, time, if appropriate), how many, what it/they were doing, where it was, etc. if you wish, and finish with your name and phone number.

For example:

(one report per piece of paper, please)

Unicorn

NOV 13, 1995

NEW MINAS SEWAGE PONDS

- was trying to find Noah
and the Arc, along the
Cornwallis River at Coldbrook

IRISH ROVERS

542-7650

Then you can bring your reports to any BNS meeting, or drop them off for me at Acadia Univ. Biology Department. I prefer not to receive them by phone, since I'm not as organized as Richard Stern (678-1975 for bird reports).

The reports that are delivered orally at BNS meetings are terrific but also very frustrating for those of us who want to see them shared with everyone who receives a newsletter. So please get in the habit of jotting things down as they occur, and then bringing them to the next BNS meeting (or getting someone else to bring them).

Thanks very much on behalf of this reporter and all BNS readers who want to share your sightings. Finally, the Newsletter needs short articles from observers like us, so also consider composing a paragraph or two, perhaps with a crude sketch (or not), for submission to Susan Montonen (Editor).

Now here's all that long-awaited TRIVIA:

FUNGI

Oct. 14/95 - lots of inky-cap mushrooms (Coprinus) and brown-capped polypores (Albatrellus?) on two separate tree-stumps or their roots in Port Williams (MT,AW).

- lots of shaggy-mane mushrooms (another species of Coprinus) in a dykeland field at Grand Pre and on a lawn in Port Williams (MT,JW).

Nov. 9-10/95 - four more elm trees being removed from the Acadia Univ. campus, after being girdled weeks ago to stop the spread of the Dutch elm disease fungus through the bark and into the roots (JW).

FLOWERING PLANTS

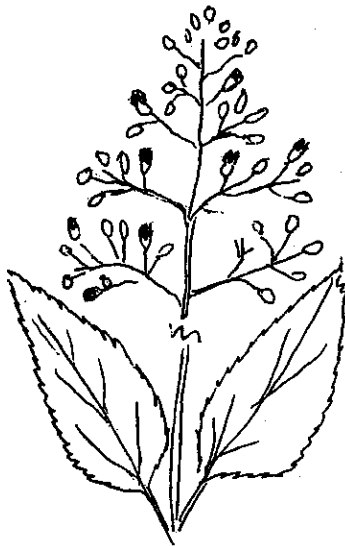
Mar. 20/95 - see Summer/95 Trivia column re: "heartnut" tree and sap-feeding red-wings and chickadees at Avonport -- heartnut is a variety of Japanese walnut (RN,EU,WU).

May 28/95 - a very probable hybrid trillium found (nodding X purple) in Kentville Ravine (NN).

July 19/95 - a small American chestnut tree in bloom on Acadia Univ. campus (JW).

July 20/95 - a large tulip-tree in bloom on Kent Ave. in Wolfville (BF,RN,JW).

July 21/95 - a bunch of Maryland figwort or carpenter's square (*Scrophularia*) (see Newcomb's Wildflower Guide) starting to bloom along Main St. in Wolfville (BF,RN,JW).



ARACHNIDS

Sightings of ticks in N.S. should still be documented by collecting the critters - use tweezers or fingers, grab as close to skin of host as possible, gently but steadily pull free, then easiest to use Scotch tape for sticking tick on piece of paper. Record date &

place & host & your name & phone no., then send to Colin Bell, Acadia Univ. Biology, Wolfville B0P-1X0.

Spring/95 - several definite reports of dog ticks in the Wolfville area this year (CB,DB).

Aug. 14/95 - a very large blackish fishing spider or nursery-web spider guarding a nursery-web (for eggs and hatchlings) at Owl Lake? (south of Lake George) (GS).

Oct. 1/95 - in Wolfville, sharp-eyed Jean Timpa noticed, at the edge of an orb-web owned by a large female cross spider, a much smaller, very careful and tentative male -- he was pulling on a web line "to measure her responsiveness" -- a few hours later he was still lurking nearby (JT).

INSECTS - HOMOPTERA

July 27/95 - an annual or dog-day cicada calling in Wolfville (JW).

INSECTS - COLEOPTERA

Aug. 31/95 - a black and red adult burying or carrion beetle flew into my car as I was driving through Wolfville (JW).

INSECTS - LEPIDOPTERA

June 2/95 - a large and dark silk moth was flying at dusk at the Robie Tufts Nature Centre (FNSN,JW).

June 25,29/95 - single adult luna moth found in Wolfville; second individual was very ragged, but

still provided many eggs for rearing the caterpillars to the pupal stage (eggs hatched July 10-12) (and see Aug.28)(JT).

June 28/95 - an adult monarch butterfly found on meadow rue at Donnellano Brook (Fundy Shore) (one seen there last year July 22 on fireweed)(TRD).

early Aug./95 - webs and caterpillars of fall webworms widespread in Wolfville (JW).

Aug.4/95 - a large caterpillar of a cecropia moth found at Gaspereau on an oriental cherry (DT,OK,JW).



Aug.28/95 - a box holding lots of luna moth cocoons (from eggs gotten in late June) was mistakenly left exposed to sun (indoors), and two adult lunas emerged (with no period of cold) (JT).

mid to late Sept./95 - lots of adult hemlock loopers (moths) seen in Wolfville -- also lots of maple spanworm moths -- the hemlock loopers were quite variable in their coloration (JT,NC).

Sept. 15,21/95 - adult white underwing moths seen in Wolfville; the former was represented by only partial wings of a casualty (predation?) (JT).

Sept. 30/95 - a beautiful adult question-mark butterfly on asters in Wolfville (JT).

Nov. 12/95 - adult winter moths abundant in east Wolfville (BBT,JW).

INSECTS -- DIPTERA

Aug. 17/95 - salt-marsh mosquitoes unbearable along dyke east of Wolfville (BBT).

all of September/95 - "Everyone has been commenting on the huge numbers - a real high in their cycle - of crane flies. They are everywhere, especially at night when the lights are on." (Sept. 21 - JT).

INSECTS -- HYMENOPTERA

Aug. 10/95 - several mud cells from the mud-dauber wasp removed from a house on Wolfville Ridge; one cell held about 9-10 small orb-weaving spiders (mostly cross spiders), another held only a wasp pupa (DJ,JW).

Aug. 27/95 - inside an unopened but damaged package of peat (a small hole was in one corner), were numerous cocoons, presumably of some kind of wasp or hornet; "black hornets" were seen there after the package was opened; some of the cocoons were empty (DJ,JW).

FISHES

Oct. 15/94 - small fishes were being caught by shallowly diving black ducks and green-winged teal in Canard Pond (AM); diving by these normally surface-feeding ducks is frequent at Canard Pond, but I had always assumed it was for submerged vegetation (JW).

May 5/95 - the run of gaspereau in the Gaspereau River started -- but then cold and snow caused it to stop -- the run resumed May 12 (EG).

first week of Dec./95 - a medium-sized giant ocean sunfish (2 metres long and more than 1.5 m. wide) beached itself twice on shores near Tracadie (east of Antigonish); repeated rescue attempts were unsuccessful (HCH).

AMPHIBIANS

Sept. 12/94 - a large 4-inch (10-cm.) red eft (terrestrial stage of red-spotted newt) found at Gaspereau on a roadside (LD).

Sept. 16-19/94 - about a dozen red efts seen on roads in area of Kejimikujik Park (TH).

mid Sept. and Oct. 22/94 - up to at least 5 small one-inch (2.5-cm.) red efts seen in a garden and later on the front doorstep on Grandview Drive in Wolfville (DTh).

Nov. 19?/94 - two recent sightings of toads hopping on roads (RB,LT).

Jan. 15/95 - at Port Williams

skating pond during very warm spell: with water around the edges, 5 frog tadpoles seen (prob. of green frog) -- 2 alive, 2 dead, and one still frozen in ice (JF).

Jan. 16/95 - at the same pond, much more water was around the edges, and there were holes in the ice down to the bottom -- 20 living tadpoles seen, and no dead ones noted (JF).

Jan. 17/95 - again at Port Williams pond, lots of dead tadpoles of a variety of sizes found (no living ones seen) -- some were clumped groups "in formation", as if they didn't move at all when the ice thawed around them (JF,OK).

Jan. 17/95 - two independent reports of active green frogs at a garden pond in Wolfville and a spring-fed pond on Ross Creek Road -- air temperature reached +17 degrees Celsius! (LH,BC).

Jan. 17/95 - two reports of calling spring peepers, on the South Mountain last night, and at West Brooklyn during the day (GA,AVR).

April 13-14/95 - a warm evening of steady rain, perfect for early-spring activity of various amphibians; seen on roads west and east of Gaspereau were about a dozen yellow-spotted salamanders, 25 wood frogs (and a good chorus below Cyril Coldwell's house), 2 green frogs, 40 spring peepers, and one American toad -- many of these were, of course, dead on the paved roads (SB,DTh,JW).

Apr. 14/95 - one small group of white spermatophores from a male yellow-spotted salamander in very shallow water of spring-fed ditch west of Gaspereau (JW).

Apr. 20/95 - a very loud (and mixed?) chorus of frogs at Newtonville after dark (WL).

Apr. 20/95 - a strong & loud chorus of spring peepers in south Wolfville (OK).

Apr. 21/95 - during a BNS field trip at "Coldwell's Pond" just below Cyril Coldwell's home east of Gaspereau, many calling and amplexing wood frogs + many dozens of egg-masses; lots of calling and amplexing spring peepers; many red-spotted newts and several yellow-spotted salamanders seen; and an adult painted turtle (BNS).

For spring peepers in a pond above the corner of Sherwood and Pleasant in Wolfville, Sean Timpa recorded the following:

Apr. 14/95 - peepers calling

Apr. 19/95 - he collected 3 males & 3 females, added them to his home aquarium, and they produced eggs by morning.

Apr. 23/95 - first peeper tadpole seen.

Apr.25/95 - at least 75 tadpoles in his aquarium.

May 4/95 - one American toad trilling at Port Williams Skating Pond -- but no peepers heard there this year (pond was drained and dredged last summer, and now there's no vegetation yet on the banks of mud) (MT).

May 11/95 - a good chorus of toads at above pond (MT).



May 13/95 - several leopard frogs calling at Lower Canard, near New Minas sewage ponds, and in the Canning area (JW).

Nov. 30/95 - when a board was pulled out of a Wolfville pond, in about 6 inches of water was noticed an unidentified frog (alive) covered with mud (DTh).

REPTILES

Nov. 15/94 - a 5-foot bullsnake found alive along highway 101 at Old Orchard Inn turn-off (RF).

Nov. 28/94 - a 1.6-metre-long leatherback turtle was found dead on Melmerby Beach, Pictou Co., on the Northumberland Shore (PM,HCH).

Apr. 17/95 - at least 12 painted turtles active in Hennigar's Pond at Greenwich (JW).

July 28/95 - a very large snapping turtle seen in the Gaspereau River below the bridge at White Rock (SM et al.).

Aug. 12/95 - a leatherback turtle died (from gunshot wounds?) off

Hubbards (Fox Point, St. Margaret's Bay (CBC).

Aug. 15/95 - over the past 7-10 days, at least 13 (3 dead) big adult leatherback turtles have been seen from off Prospect to the Lunenburg area -- some became stranded and died, one was caught in a fish trap -- this is a really good year for jellyfish, their food (AH,CBC).

Aug. 17/95 - by now a total of seven leatherback turtles have turned up dead along the N. S. South Shore in the past couple of weeks (JC,WC).

Sept. 9-12/95 - during studies of emergence and travel-routes of hatchling Blanding's turtles in Kejimikujik Park, one hatchling was found mostly eaten, probably by a shrew (hatchling was still under the anti-raccoon screen) (TH et al.).

MAMMALS

Oct. 12/94 - fresh "push-ups" of soil (mole-hills) from our only mole, the star-nosed mole, adjacent to Stirling's orchard and alder swamp, at Greenwich (TH,JW, et al.).

Sept. 29-30/94 - a probable little brown bat sat on a house awning at Coldbrook -- it was discovered to have a dime-sized hole in one wing (SR).

May 2/95 - a bat flying at dusk (8:30 pm) at the Kentville Agric. Research Ctr. (HF).

May 11/95 - a probable little

brown bat flying slowly (cold?) ten minutes after sunset at Acadia University Hall (JW).

Sept. 5/95 - a probable little brown bat found alive on a sidewalk in Wolfville -- it died soon after being found (JT).

Jan. 13/95 - reports from two separate areas in Wolfville of abundant tunnels of voles (field "mice"), conspicuous under a thin layer of snow, on lawns, around tree-bases, and near bird-feeders (BBT,DTh).

May 13/95 - a woodchuck or groundhog seen along west Church St. (JW).

Dec. 10/94 - a chipmunk still active at a bird-feeder in Wolfville (JSB).

March 25/95 - a chipmunk active at a bird-feeder on Wolfville Ridge (DJ).

early Jan./95 - at Avonport, a flying squirrel came down the chimney of the BNS President, "about 10 days too late for Christmas!" (RB).

Oct. 19/95 - a large adult beaver found dead on a lawn at Horton District High School (DTh).

Aug. 22/94 - a mink seen near a highway 101 overpass (Greenwich?) (DJ).

Sept. 4/94 - a mink seen closely on the shore of Cloud Lake (BNS).

Sept. 12/94 - a mink was live-

trapped in a chicken-coop at Gaspereau and given to a mink farm (EG).

April 9/95 - a mink seen beside the Gaspereau River, just a little upstream from White Rock (RW).

Nov. 19/94 - an enormous river otter seen swimming in the canal below Black River Lake -- "When it surfaced directly below the bridge from where I was watching, it raised its entire front quarters out of the water, moving its head about, studying me with obvious interest" (ME).

Sept. 21/94 - a skunk foraging on Acadia Univ. campus at night (TH).

Jan. 15/95 - a skunk road-killed at Hortonville (BBT).

Jan. 12/95 - a raccoon seen in the crotch of a tree in afternoon in the Hantsport area -- seen from hwy. 101 (DTh).

Jan. 25/95 - raccoon tracks in a residential yard on North Mountain, just west of the Look-off (EBM).

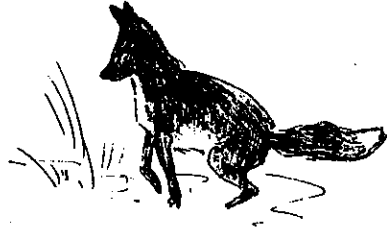
Nov. 12/95 - a very large raccoon seen at very close range (one metre) on the railing of a wooden staircase of a house in Port Williams (MT).

late Sept. to early Nov./94 - a very large black bear eating apples in an old untended orchard at Greenfield (AJK).

Oct. 4/94 - a black bear seen in evening along hwy. 12 between

New Ross and Chester Grant (JM).

Jan. 27/95 - a red fox seen on the dykelands of east Grand Pre (BBT).



Jan. 30/95 - a road-killed red fox near Kingston (DTh).

Jan. 31/95 - several fox tracks along the road and around the den-entrance, on the east Grand Pre dykelands (BBT,JCT).

Sept. 13/95 - a red fox running along Belcher Street at Port Williams (BBT).

Oct. 9/95 - a red fox seen east of the Wolfville sewage ponds on the dykelands (BBT).

Sept. 4/94 - a road-killed coyote east of Berwick on hwy. 101 (JW).

Oct. 15/94 - a small coyote was found road-injured but alive on hwy. 103 near St. Margaret's Bay (MD).

Oct. 15/94 - a large coyote seen at Newtonville (WL).

Mar. 4/95 - two coyotes seen in a dykeland field at Grand Pre (JT et al.).

Mar. 8/95 - one coyote seen on Grand Pre dykelands (BBT).

Dec. 14/95 - one coyote seen near west end of Long Island, Grand Pre (BBT).

Aug. 23/94 - from Mark Elderkin: "Strange encounter with an abnormally tame adult bobcat while flyfishing for smallmouth bass at Black River Lake about 7 p.m. in evening. The cat was apparently drawn by the sound of splashing fish being captured and released. It was seen in three separate incidents extended over 45 minutes. On one of these occasions it was less than 10 feet away, peeking out from behind a large granite boulder on the shore, and showed no fear of me -- although its approach could be described as deliberate and cautious. Regrettably, I didn't have a camera with me. This was surely a once-in- a-lifetime experience."

Jan.7/95 - a very tame bobcat seen near Black River Lake (ME).

Sept. 29/94 - a harbour seal seen close to shore at Harbourville (BBT,JT).

mid March/95 (approx.) - a seal seen in the Gaspereau River at the Melanson bridge (RMM).

April 11/95 - one or two seals reported in the Cornwallis River, upstream to the Lovett River bridge (oral report to MG from The Advertiser staff).

Aug. 13/95 - a harbour seal seen at The Guzzle (channel between northeast Grand Pre and Boot

Island)(DJ,GA,PAS).

Nov. 11/95 - a harbour seal seen at Wellington Dyke (BBT).

Feb. 20/95 - two large pups of gray seals (this year's) seen along Canso Causeway (SBN).

Sept. 24 and Oct. 20/94 - a harbour porpoise seen off Evangeline Beach (BBT,JT).

Nov. 5-7/94 - a storm resulted in a beached dolphin or porpoise at Bramber, east of Cheverie -- the same record high tide removed the Cheverie causeway! (KTC).

Aug. 19/95 - two juvenile blue whales seen and photographed off Brier Island -- these were smaller than an average humpback whale (HCH).

Aug. 9/95 - about 20 or more (!) Atlantic right whales seen about 18 miles north of Brier Island (and two breached in the distance) (WL). (Later George Alliston saw even more! off Grand Manan Island.)

Oct. 20/95 - a 6- or 7-year-old Atlantic right whale was found dead on western Long Island, Digby County (cause of death was not found during autopsy) (NEA).

Oct. 26/95 - a young female humpback whale beached herself and died on the Barton shore (Digby Co.), after two days in very shallow water. Autopsy showed the whale was in excellent health (KA).

Nov. 15/95 - four beached pilot

whales were rescued by Dept. of Fisheries workers at Cheticamp (HCH).

Nov. 18/94 - a small white-tailed deer seen in Kentville Ravine (JP).

Jan. 12/95 - three white-tailed deer seen at Cheverie on a very cold morning -- the adult doe fed on rose-hips, while the two smaller deer fed on grass-like plants (KTC).

June 18/95 - a white-tailed deer seen at mid morning at the south end of University Avenue, Wolfville (DTh).

Aug. 13/95 - a white-tailed deer seen at dusk at Grand Pre (BBT).

Nov. 7/95 - very fresh deer tracks seen from gravel onto mud (then deer probably swam, perhaps across to Starr's Point), seen from Wolfville sewage pond dyke (DHS).

Nov. 19/95 - three moose seen together on barrens several miles sw. of Kemptville (MO,DT).

FINIS!

TRIVIA CONTRIBUTORS

GA - George Alliston
KA - The Kentville Advertiser
NEA - New England Aquarium
CB - Colin Bell
DB - David Burton
JSB - Sherman Bleakney
RB - Roy Bishop
SB - Sherman Boates
BC - Bill Crowson
CBC - CBC Radio
JC - Jerry Conway
KTC - Karen & Ted Casselman
NC - Neil Cloghesy

WC - Weather Channel (TV)
LD - Lynn Davidson
MD - Mike Dadswell
TRD - Twila Robar-DeCoste
ME - Mark Elderkin
BF - Bernard Forsythe
HF - Harold Forsyth
JF - Jeff Franklin
RF - Reid Fletcher
EG - Ellis Gertridge
MG - Merritt Gibson
AH - Andrew Hebda
HCH - Halifax Chronicle-Herald
LH - Lorna Hart
TH - Tom Herman
DJ - Dave Jones
AJK - Ann & Jerry Karttunen
BK - Beth Keating
OK - Olga Kukal
WL - Wanda Langley
AM - Angus MacLean
EBM - Eleanor & Bernard Mason
JM - Julia MacCluskey
PM - Paul MacKay
RMM - Reid's Meat Market (Melanson)
SM - Steve Mockford
FNSN - Fed. N.S. Naturalists
NN - Nancy Nickerson
RN - Ruth Newell
SBN - Soren Bondrup-Nielsen
MO - Mike O'Brien
JP - John Pickwell
AVR - Annapolis Valley Radio
SR - Stan Riggs
BNS - Blomidon Naturalists Society
DHS - David Hope-Simpson
GS - Gerry Schofield
PAS - Peter Austin-Smith
MT - Miriam Tams
BBT - Brenda & Bill Thexton
DT - Dan Toews
DTh - Dianne & Gordon Thorpe
ST - Sean Timpa
JT - Jean Timpa
JCT - Judy Tufts
LT - Lillian Tufts
EU - Eva Urban
WU - Walter Urban
AW - Anne Woolover
JW - Jim Wolford
RW - Rick Whitman

NOTE NEW ADDRESS FOR JIM WOLFORD

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PROTECTED AREAS PUBLIC REVIEW COMMITTEE REPORT

by Larry Bogan
Cambridge, Kings County

The Nova Scotia Department of Natural Resources has released the "Report of the Public Review Committee for the Proposed Systems Plan for the Parks and Protected Areas in Nova Scotia" - August 1995. The report is the product of the Committee: John Mullally, Kathryn Heckman, Pauline Himmelman, Pam Matthews, and Jim St.Clair.

They considered the material in 582 submissions in the form of 65 hours of spoken presentations as well as 2300 pages of written text.

The report was sent to all those persons and organizations that made submissions during the review. The report is available at all offices of the Department of Natural Resources.

The comments presented for the Federation of Nova Scotia Naturalist by Tom Herman and prepared by him and others from the Blomidon Naturalist Society were published in the Spring 1995 issue of the Newsletter. Several individual members of the BNS also sent in comments on this proposal.

The Summary of highlights of the Public Review Committee Recommendations is as follows:

- establishment of a comprehensive protected areas system
- formal designation of the 31

candidate protected areas

- emphasis on wilderness recreation and eco-tourism
- continuation of most traditional recreational activities, including hunting and fishing, and snowmobiling (on key connector trails)
- exclusion of all-terrain vehicles except where necessary to access existing camps
- exclusion of commercial resource development/extraction, except where existing commitments apply
- recognition of existing property rights/land use commitments, private inholdings, mineral rights, campsites
- encouragement of complementary management on adjacent lands where possible, i.e., integrated resource management (Crown), voluntary stewardship (private)
- encouragement of private land stewardship initiatives
- provision of opportunities for consultation and partnerships
- adoption of implementation strategy that continues moratorium until areas designated
- places high priority on management planning
- emphasizes information and education
- establishes new legislation for protected areas

Of the 31 designated sites, there are two in the 'BNS' area of interest. #26 Cloud Lake (on the border of Annapolis and Kings County and on the Southern Uplands - see the field trip report on Cloud Lake in the Autumn 1994 issue of the Newsletter), and #27 McGill Lake (a beautiful raised bog beside McGill Lake

described in the Autumn 1995 Newsletter)

In addition to the proposed protected areas on Crown Land, several sites were suggested for protection that are on private land. One of interest to the BNS was Cape Split. The Committee made the recommendation that the Department of Natural Resources pursue negotiations to acquire Cape Split for designation as a protected area.



UPDATE ON THE NORTH AMERICAN MIGRATION COUNT

by Judy Tufts, provincial coordinator, NS NAMC

This year, on September 11, was the inauguration of a Fall count day throughout North America, marking the second annual count for the North American Migration Count (NAMC). The concept of this extra count is to complete the series of population counts determining the timing of population changes, and complementing the Christmas Bird Counts and Breeding Bird Surveys. The spring count will tell us how many birds are returning from winter grounds, BBS will locate main nesting areas, the Fall count will measure reproductive success, and

SWALLOW SWALLOWED by Roy Bishop

One day many summers ago (c. 1960) my father, Lovett Bishop of Hantsport, was in his boathouse on the shore of Mock-in-gee Lake near the Windsor-Chester highway. Barn swallows are common in the area, catching insects in the air as they sweep low over the lake surface. That day a bullfrog sat on the end of the boat-ramp at the water's edge. As my father was looking in the direction of the bullfrog, a swallow flew past and the frog jumped up and caught the bird in its mouth. The frog landed in the water, swam to shore and, with some effort, swallowed the swallow.

CBC will measure winter populations.

The current goal is to have two continental counts every year; the 2nd Saturday in May, coinciding with International Migratory Bird Day, and the 3rd Saturday in September.

The decision to start a Fall count in 1995 was made by the NAMC Committee in Maryland in the late summer, and regrettably came with such short notice that many counties could not be represented. Nine counties, however, rallied in a hurry, some bringing out their birders in full force, and resulting in a very credible count. 90 people participated in 62 parties, spending 245 hours travelling by foot, car and kayak, covering 1800 kms

with observers at 5 feeding stations. The weather for the day ranged from a low 0°C at dawn to a high of 24°C, depending on location in the province, with very light southerly breezes starting the day switching to light north-westerlies in most areas by mid-day.

Rare and unusual birds seen included a Mississippi Kite, Nova Scotia's second documented visit of this species, a Little Blue Heron, Blue-gray Gnatcatcher, Warbling Vireo, and a Lark Sparrow. Twenty-three species of warblers were counted, and two House Finches, indicating the north-eastern progression of this species.

I wish to thank all those who par-

ticipated for their great effort in this count and hope that in 1996 everyone will give their support to both counts in whatever way they can so that this valuable information can be documented with NAMC for future ornithological assessment.

Top 10 species seen:

Herring Gull	5197
European Starling	3662
Double-crested Cormorant	2454
Greater Scaup	2000
American Black Duck	1698
American Crow	1592
Greater Black-backed Gull	1425
Cedar Waxwing	1086
Black-capped Chickadee	905
Myrtle Warbler	826

List of species

Red-throated Loon	4
Common Loon	36
Pied-billed Grebe	6
Horned Grebe	1
Red-necked Grebe	3
Northern Gannet	9
Great Cormorant	19
Double-crested Cormorant	2454
American Bittern	4
Great Blue Heron	400
Little Blue Heron	1
Canada Goose	427
Wood Duck	49
Green-winged Teal	350
American Black Duck	1698
Mallard	268
Northern Pintail	2
Blue-winged Teal	41
American Wigeon	50
Ring-necked Duck	82
Greater Scaup	2000
Common Eider	566
Black Scoter	5
Surf Scoter	24
White-winged Scoter	19

Common Goldeneye	1
Hooded Merganser	6
Common Merganser	62
Red-breasted Merganser	5
Osprey	8
Mississippi Kite	1
Bald Eagle (adult)	31
Bald Eagle (immature)	1
Northern Harrier	21
Sharp-shinned Hawk	25
Northern Goshawk	2
Broad-winged Hawk	7
Red-tailed Hawk	16
American Kestrel	20
Merlin	11
Peregrine Falcon	1
Ring-necked Pheasant	14
Spruce Grouse	1
Ruffed Grouse	35
Sora	3
Black-bellied Plover	134
Semipalmated Plover	196
Killdeer	18
Greater Yellowlegs	188
Lesser Yellowlegs	25

Solitary Sandpiper	3	Black-capped Chickadee	905
Willet	3	Boreal Chickadee	91
Spotted Sandpiper	9	Chickadee sp.	8
Whimbrel	15	Red-breasted Nuthatch	272
Godwit sp.	1	White-breasted Nuthatch	3
Ruddy Turnstone	12	Brown Creeper	8
Red Knot	17	Winter Wren	5
Sanderling	97	Golden-crowned Kinglet	277
Semipalmated Sandpiper	109	Ruby-crowned Kinglet	180
Least Sandpiper	16	Blue-gray Gnatcatcher	1
White-rumped Sandpiper	5	Veery	4
Pectoral Sandpiper	21	Swainson's Thrush	10
Dunlin	13	Hermit Thrush	43
Peep sp.	30	American Robin	532
Short-billed Dowitcher	43	Gray Catbird	22
Common Snipe	8	American Pipit	14
American Woodcock	3	Cedar Waxwing	1086
Common Black-headed Gull	11	European Starling	3662
Bonaparte's Gull	654	Solitary Vireo	73
Ring-billed Gull	513	Warbling Vireo	1
Herring Gull	5197	Red-eyed Vireo	38
Iceland Gull	37	Tennessee Warbler	5
Glaucous Gull	1	Nashville Warbler	28
Great Black-backed Gull	1425	Northern Parula	15
Gull sp.	14	Yellow Warbler	34
Common Tern	217	Chestnut-sided Warbler	11
Black Guillemot	25	Magnolia Warbler	32
Rock Dove	381	Black-throated Blue Warbler	2
Mourning Dove	161	Yellow-rumped Warbler	826
Great Horned Owl	4	Black-throated Green Warbler	71
Barred Owl	13	Blackburnian Warbler	3
Long-eared Owl	1	Pine Warbler	1
Northern Saw-whet Owl	3	Prairie Warbler	2
Common Nighthawk	1	Palm Warbler	101
Ruby-throated Hummingbird	5	Palm Warbler (eastern)	24
Belted Kingfisher	76	Bay-breasted Warbler	3
Yellow-bellied Sapsucker	5	Blackpoll Warbler	122
Downy Woodpecker	17	Black-and-white Warbler	44
Hairy Woodpecker	27	American Redstart	21
Black-backed Woodpecker	3	Ovenbird	5
Northern Flicker	210	Mourning Warbler	2
Pileated Woodpecker	24	Common Yellowthroat	131
Eastern Wood-Pewee	3	Wilson's Warbler	7
Yellow-bellied Flycatcher	2	Canada Warbler	4
Least Flycatcher	1	Yellow-breasted Chat	2
Empidonax sp.	1	Rose-breasted Grosbeak	2
Tree Swallow	13	Chipping Sparrow	32
Bank Swallow	1	Lark Sparrow	1
Barn Swallow	15	Savannah Sparrow	182
Gray Jay	49	Sharp-tailed Sparrow	8
Blue Jay	645	Song Sparrow	549
American Crow	1592	Lincoln's Sparrow	12
Common Raven	182	Swamp Sparrow	65

White-throated Sparrow	176	Purple Finch	123
Dark-eyed Junco	323	House Finch	2
Bobolink	6	Red Crossbill	41
Red-winged Blackbird	69	White-winged Crossbill	43
Rusty Blackbird	7	Pine Siskin	97
Common Grackle	336	American Goldfinch	630
Brown-headed Cowbird	2	Evening Grosbeak	35
Northern Oriole	12	House Sparrow	143
Pine Grosbeak	13		

**WOLFVILLE CHRISTMAS
BIRD COUNT, DEC 16, 1995**
by Angus MacLean,
Coldbrook, NS

This was the 96th Christmas Bird Count in North America and the 43rd consecutive Wolfville Count. Last year counts were conducted all over North America, Central America, South America, the Caribbean, Hawaii, and several Pacific Islands, in total about 1700.

The period leading up to our Count saw abnormally cold temperatures from December 1st on and this had a major influence on those half-hardy species that have been found regularly on the Wolfville Count. These include Great Blue Heron (three seen 1-2 days before the Count Day), Killdeer, Belted Kingfisher, and warblers. In 1994 five warbler species were seen but only one this year, a Common Yellowthroat. On count day temperatures ranged from -9°C to 30°C and the day was mainly sunny offering good viewing conditions.

Participants included 54 observers in 22 to 27 field parties, plus 71 observers at 57 feeders. Total

party hours and kilometres by car and foot were slightly less than last year but still very respectable.

The total of 69 species was considerably less than the past three years and was due in part to the early onset of cold weather as described above. Another factor was the strong winds on Minas Basin which made it virtually impossible to see species such as loons, Oldsquaw and scoters which have been seen regularly on recent counts. However the total of 87,749 individuals was close to the record for the count, that being 92,412 recorded in 1992. There were any number of highlights with many all-time highs set. In recent years Mourning Dove populations appeared to be declining but the new high of 1541 was about 600 more than the previous one. This would appear to be a woodpecker winter as Downy and Hairy Woodpeckers and Northern Flickers were found in record numbers and a Red-bellied Woodpecker was recorded for the second time on the count. Nary an owl was found during last year's count but this year a Saw-whet Owl was encountered for the first time, our only addition to the all-time list which stands at 140, and Barred Owl reached an

new high at 5. As one would expect by reading the newspapers, searchers also found more crows than ever before, an impressive 31,940. Three denizens of the coniferous forest were especially abundant with Red-breasted Nuthatch, White-breasted Nuthatch and Brown Creeper all reaching new highs. In fact White-breasted Nuthatches doubled their previous high of 26 and Brown Creeper exceeded that with 13 (vs. 6). There were 12 Northern Shrikes found and even assuming some duplication, still an impressive total. Many people are reporting Northern Cardinals this winter and this was reflected in the total of 9, up 6 from the previous high. There were also 2-3 others known to be present but not found on count day. Other species with new highs include Chipping Sparrow, Dark-eyed Junco, Red-winged Blackbird and Pine Siskin. These unusual increases may, for some species, be due to extremely cold temperatures farther north and the abundant cone crop in our area.

The feeder-watchers contributed 45 species with the rarity being the Red-bellied Woodpecker, which was noted by Diana Bishop in Kentville. Diana also had a one-legged Starling at her feeder and a tantalizing sighting of an unidentified small gray bird. Eva Urban's feeder only yielded 36 Mourning Doves (usually 100+) but the Avonport area searchers made up for that, finding 390.

The post-count gathering at the Science building at Acadia was well attended as usual. The sea-

food chowder, Mexican soup and desserts were much enjoyed. Thanks go to Lorna Hart and Judy Tufts for their organizing efforts and to the others who contributed to the event. Special thanks to the field observers for their diligent work and to those many who checked their feeders for the Count. I would also like to thank Jim Wolford for coordinating and compiling the efforts of the feeder-watchers and to my wife Stella, for checking the data.

Canada Goose 47; American Black Duck 914; Mallard 64; Common Eider 28; Common Goldeneye 25; Common Merganser 36; Red-breasted Merganser 1; Bald Eagle 342 (adult 184, immature 154, unknown 4); Northern Harrier 12; Sharp-shinned Hawk 16; Northern Goshawk 1; Red-tailed Hawk 167; Rough-legged Hawk 9; Merlin 4; Ring-necked Pheasant 298; Ruffed Grouse 6; Ring-billed Gull 18; Herring Gull 18194; Iceland Gull 9; Great Black-backed Gull 3198; Rock Dove 1421; Mourning Dove 1541; Great-horned Owl 1; Barred Owl 5; Short-eared Owl 1; Saw-whet Owl 1; Red-bellied Woodpecker 1; Downy Woodpecker 120; Hairy Woodpecker 39; Northern Flicker 34; Pileated Woodpecker 7; Horned Lark 254; Gray Jay 3; Blue Jay 775; American Crow 31940; Common Raven 272; Black-capped Chickadee 1257; Boreal Chickadee 2; Red-breasted Nuthatch 120; White-breasted Nuthatch 52; Brown Creeper 13; Golden-crowned Kinglet 89; American Robin 206; Northern Mockingbird 1; Bohemian Waxwing 148;

Cedar Waxwing 13; Northern Shrike 12; European Starling 18247; Common Yellowthroat 1; Northern Cardinal 9; American Tree Sparrow 214; Chipping Sparrow 9; Savannah Sparrow 45; Song Sparrow 203; Swamp Sparrow 5; White-throated Sparrow 40; Dark-eyed junco 1521; Red-winged Blackbird 42; Common Grackle 2; Brown-headed Cowbird 34; Northern Oriole 1; Pine Grosbeak 109; Purple Finch 28; White-winged Crossbill 4; Common Redpoll 12; Pine Siskin 596; American Goldfinch 2332; Evening Grosbeak 1230; House Sparrow 1348.

Total Species.....69. Total Individuals....87749.

Other species seen in Count Period...Great Blue Heron, Gray Partridge, Snow Bunting.

Field Observers: George Alliston; Margaret Alliston; Darlene Barr; Patricia Bernier; Joanne Bezanson; Sherman Boates; Larry Bogan; Soren Bondrup-Nielsen; Lana Churchill; Joe Clifford; Andy Davis; Gail Davis; Samara Eaton; Mark Elderkin; Fred Forsyth; George Forsyth; Harold Forsyth; Jamie Gibson; Merritt Gibson; Lorna Hart; Tom Herman; Dennis Hippert; Dave Johnson; Ian Johnston; Pat Kelly; Jean Leung; Angus MacLean; Stella MacLean; Pam Matthews; Randy Milton; Nicole Nadorozny; Rina Nichols; Mike O'Brien; Caroline Power; Terry Power; Mary Pratt; Stan Riggs; Lesley Rogers; Meg Scheid; Dawn Shaw; Allison Smith; Peter Smith; Liz Stern; Richard Stern; Bill Thexton; Brenda Thexton; Jean Timpa; Gerry Trueman; Gordon Tufts; Judy Tufts;

Sherman Williams; Jim Wolford; Lance Woolaver; Barry Yoell.

Combined Field Observers & Feeder-Watchers: Agar Adamson; George Alliston; Margaret Alliston; Jim Amos; Peter Austin-Smith; Darlene Barr; Patricia Bernier; Ron Bezanson; Joanne Bezanson; Sherman Boates; Larry Bogan; Soren Bondrup-Nielsen; Joe Clifford; Pat Clifford; Lana Churchill; Sandy Connolly; Debbie Daigle; Jim Daigle; Andy Davis; Gail Davis; Pat Davis; Ed Eagles; Ev Eagles; Betty Eaton; Joan Eaton; Samara Eaton; Mark Elderkin; Paul Elderkin; Wendy Elliott; Bob Flecknell; Fred Forsyth; George Forsyth; Harold Forsyth; Margaret Forsythe; Jamie Gibson; Merritt Gibson; Ed Hancock; Robie Hancock; Eileen Harris; Sharon Harris; Lorna Hart; John & Avril Harwood; Blanche Healy; Tom Herman; Maxine Hill; Dennis Hippert; Bob Horne; Isobel Horton; John Horton; Winnie Horton; J.P. Huang; Douglas Jackson; Shirley Jackson; Dave Johnson; Ian Jonsen; Ann Karttunen; Jerry Karttunen; Pat Kelly; Sandy Kemp-ton; Jean Leung; Angus MacLean; Stella MacLean; Ron Margeson; Shirley Marston; Bill Martell; Pat Martell; Bernard Mason; Eleanor Mason; Pam Matthews; Randy Milton; Susan Montonen; Terry Murphy; Edna Mutch; Nicole Nadorozny; Gary Ness; Andy Nette; Linda Nette; Rina Nichols; Nancy Nickerson; Pam Nickerson; Mike O'Brien; Tanya Parker; Caroline Power; Terry Power; Mary Pratt; Tom Regan; Ladny Richmond; Stan Riggs; Gordon Robart; Leslie Rogers; Marg Russell; Gladys Saltzman; Kathy Schaffner; Meg Scheid; Rhonda Scofield; Steve Scofield; Jack Scott; Ruth Scott; Dawn Shaw; Mabel Sheffield; Ada Smith; Allison Smith; Peter Smith; Liz Stern; Richard Stern; Miriam Tams; Bill Thexton; Brenda Thexton; Dianne Thorpe; Jean Timpa; David Tracey; Gerry Trueman; Gordon Tufts; Judy Tufts; Deanna Urban; Eva Urban; Sherman Williams; Jim Wolford; Lance Woolaver; Don Wright; Irene Wright; Jeni Wright; Barry Yoell; Betty Yoell.

BNS FALL 1995 REPORT

by Richard Stern
Kentville, NS

Note - This does not take any Christmas Bird Count sightings into consideration.

GREATER SHEARWATER - Several hundred flying into the teeth of a S.W. gale of Pt. Prim, Digby 16 Oct., with a few Northern gannets (RBS). Normally these birds are seen much further into the mouth of the Bay of Fundy, e.g. off Brier Island.

CATTLE EGRET - One was at Kempt Shore Nov. 18, much photographed and admired (KLC).

SNOW GOOSE - An adult was shot, on Kingsport saltmarsh Nov. 4 (DT).

"PUDDLE DUCKS" - Every pond and river in the area has yielded good numbers of **AMERICAN BLACK DUCK**, **MALLARD**, **GREEN-WINGED TEAL**, and small numbers of **AMERICAN WIGEON**, **NORTHERN PINTAIL**, **BLUE-WINGED TEAL** as per usual. (m.obs.), up to the time of freeze-up in early Dec. There was a male **GADWALL** on the New Minas Sewage Pond, along with several of the above species, when most of the other freshwater was frozen.

LESSER SCAUP - JWW saw an immature male and 2 females of these rather uncommon freshwater diving ducks on Kidston's Pond, Church St. on Oct.28, and 2 were

still there next day (JCT). Two more were on Canard Pond 4 days later.

RING-NECKED DUCK - JCT saw a flock of 20+ on a pond in Newport, Hants Co., Oct.31.

RUDDY DUCK - 1-2 of these uncommon visitors were at Canard Pond and New Minas Sewage Pond in mid-Nov. (AAM, JCT, RBS).

HARLEQUIN DUCK - There were 2 drakes, of this rare but regular, and beautiful bird, at their local "hot spot", Margaretsville, 19 Nov. (BLF).

HOODED MERGANSER - A few in the area mid-Oct. (Saxon St., New Minas ponds etc.), 9 on Silver Lake, Lakeville 29 Oct. (BBT), and 18 on the partly drained Saxon St. Pond 15 Nov. (RBS).

RED-TAILED HAWK - Yet another albinistic individual has turned up, this one almost all white, with a few dark markings on the top of the head, in the Gaspereau Valley later Nov. (PT, BLF et al).

BLACK-BELLIED PLOVER - KLC saw about 120 in a mixed flock of shorebirds at Cheverie, Oct.20. There were also about 40 **DUNLIN**. 50+ of the latter, always a late fall shorebird migrant, were at W. Grand Pre Nov.25 (BBT).

ICELAND GULL - BBT saw a very early one of these normally winter visitors, apparently an

all-white immature, in a field at W Grand Pre on the unusually early date of Oct.9.

LESSER BLACK-BACKED GULL - PT saw one, an adult with slate gray mantle and dark smudging on the head, in a field in Gaspereau Nov. 27.

AMERICAN COOT - A couple of these uncommon visitors turned up on Canard and Saxon St. Ponds mid-Nov. (RBS, BBT et al).

GREAT HORNED OWL - DB saw 1 on several occasions, evidently roosting in an oak tree, while cycling along a woods path in W.Kentville in late Oct. Even during daylight it would fly out, circle, and then return to its roost.

RED-BELLIED WOODPECKER - One of these rare visitors from points south and west of about New York, but annual at feeders in this area, visited EU's feeder in Avonport for a few days in early October. Another was seen from early Oct. at least into mid-Dec., at a couple of feeders in North Kentville. (JCT, ABFC), and at the same time yet another was seen at JM's feeders at Starr's Point. A 4th was briefly seen in Main St., Wolfville on Oct. 30 (BBT), and MT found another on Dec. 6! There has been quite an invasion this fall, with up to a dozen reported in the province by mid-Nov.

PILEATED WOODPECKER - VM has had a pair visit her property in Cambridge every fall for 4 years, and they were back again in 1995. A number of people have

mentioned sighting these spectacular birds to me, often appearing quite tame, and often close to habitation, this fall. They appear almost daily around the woods of W.Kentville. (RBS).

AMERICAN ROBIN - A partial albino with large white patches on the head, wings and tail, present in a Kentville subdivision all summer, was still around Nov.2 (AM).

NORTHERN SHRIKE - So far it looks like it will be a good shrike winter, with several individuals being seen around the area (MU, RBS etc.).

YELLOW-THROATED WARBLER - An individual of this rare but regular winter stray to the province, from points far south, was around the Lower Canard area during the 2nd week of Nov. (RT), seen subsequently by most of the local birders, often feeding on insects around the eaves of houses. There are no previously documented records for King's County -- this is a first!

BLACKBURNIAN WARBLER - EU had a bright male, complete with orange throat, visit her feeders (Avonport) on the extremely late date of 29 Nov.

PINE WARBLER - JCT had a bright individual in her yard on Wolfville ridge at the end of Nov. These birds are annual rare visitors to the province every winter, and 2 or 3 have shown up in recent years in our area.

NORTHERN CARDINAL - SF of Hillsburn, near Delaps Cove,

had a male visit his feeder on 2 Nov., and a rash of these birds started to appear in the Wolfville/Port Williams area 16-17 Nov. (BLF, PCS, MT). Up to 3 of both sexes have been regular at PCS's feeder, and others have so far taken up residence also in Wolfville, hopefully for the winter.

ROSE-BREASTED GROSBEAK - A 1st winter plumaged male was present with some Fox sparrows in Coldbrook for a few days in late Oct. In this plumage the species can be very hard to distinguish from its much rarer cousin, the Black-headed Grosbeak, an occasional winter visitor, but after a lot of tracking down, and good looks, a firm identification was finally obtained. (AA/SM, RBS).

NORTHERN (BALTIMORE) ORIOLE - One was in a Wolfville backyard mid-late Nov. (BBT), and RBS/ AAM saw 2 in Wolfville 1 Dec. EU had 2 at her feeders in Avonport, 1 of which was found dead on 1 Dec. Although an uncommon (and becoming more so) summer breeder in the Valley, a few often seem to stay late, and like to feed on berries etc.

WESTERN TANAGER - A real rarity, and occasional vagrant to the province, this western stray visited a farm along Ross Creek Rd., Lookoff, in late Nov., and was seen by a number of birders. (WC). This is the first sighting for King's Co. since 1980.

SPARROWS - Present in flocks all over the place mid-Oct. Mostly Song, + Savannah, White-throated, Chipping, a few White-crowned. Several FOX SPARROWS were noted in a wooded area in Coldbrook at the end of Oct. (AA/SM). An AMERICAN TREE SPARROW, a little early, was seen in Kentville 27 Oct. (AA/SM, RBS), and they seemed plentiful in all the usual bushy and weedy areas by early Dec.

HOUSE FINCH - MT had 4 females or immatures at her feeder in Port Williams Sept. 25.

PINE SISKIN - Small flocks noted in Oct. in the woods (RBS), 1 at BBT's feeder on 11th., and 60+ along Wolfville Ridge 25-26th (JCT). By late Nov. numerous flocks were appearing all over the area.

DB	Dean Boutilier
KLC	Karen Casselman
ABFC	"Pete" Connolly
WC	Bill Crowson
SF	Steve Fisher
BLF	Bernard Forsythe
AA/SM	Angus and Stella Maclean
VM	Valerie Moore
JM	Jerry Morine
AM	Al Mutch
PCS	Peter Smith
RBS	Richard Stern
MT	Miriam Tams
BBT	Bill and Brenda Thexton
RT	Dick Turner
PT	Phil Taylor
DT	Dan Toews
JCT	Judy Tufts
EU	Eva Urban
MU	Malcolm Uhlman
JWW	Jim Wolford

AUTUMN 1995 WEATHER
by Larry Bogan
Cambridge Station, N.S.

The following table shows the summary of weather statistics for Kings County as recorded at the Kentville Agriculture Research Station. The numbers in parentheses are the thirty year averages for 1961-1990.

	Mean Temp. (°C)	Rainfall (mm)	Bright Sunshine (hours)
Sept.	13.3 (14.3)	60 (86)	178 (163)
Oct.	11.8 (9.2)	90 (104)	116 (138)
Nov.	3.8 (3.9)	135 (122)	73 (84)
Period	9.7 (9.1)	285 (312)	367 (385)

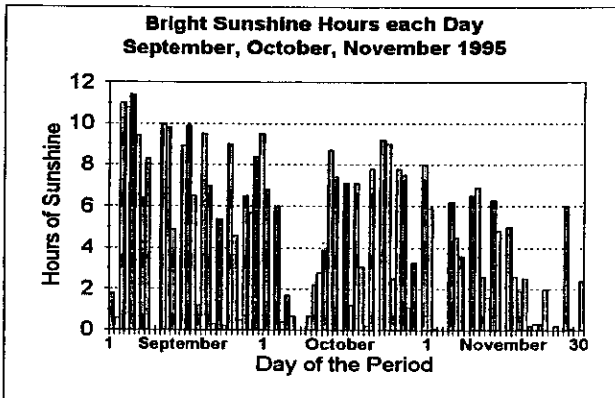
Our area had a pleasant autumn season. It was drier and a little warmer than expected from the thirty year averages.

September was a little cool but October was marvelously warm. That month was a full 2.6°C

warmer than an average October. When the normal November temperatures are averaged in with the other two months of the period, the whole period was 0.6°C above the average.

August 1995 was very dry and that was followed by a dry September and October. Fortunately, November was wet enough to make up for some of the deficit. The September, October, November period had 9/10 of the expected precipitation.

September was nice and sunny despite its cooler temperatures. But October and November were cloudy. Those clear skies in September produced some early frost for low lying areas. I have graphed the bright sunshine hours for the period. Note that in early October there is a week of cloudy skies and then the second half of November has low sunshine levels. The graph also shows the general trend of shortening sunlight hours from September to November. The maximum sunshine hours are limited by the length of the daylight period.



Sources for Local Natural History
(compiled by Blomidon Naturalists Society)

Information	Source	Office	Home
Rocks & Fossils	Geology Dept. Acadia U.	542-2201	
Fish	NS Dept. of Natural Resources	679-6091	
Flora - General	Ruth Newell	542-2201	542-2095
	Darryl Grund	542-2201	542-9214
Fungi	Nancy Nickerson	679-5333	542-9332
	Karen Casselman	424-7370	633-2837
Lichens	Karen Casselman	424-7370	633-2837
Seaweeds	Darryl Grund	542-2201	542-9214
Mosses & Ferns	John Pickwell		681-8281
Birds - General	Bernard Forsythe		542-2427
	Richard Stern	678-4742	678-1975
	Gordon & Judy Tufts		542-7800
	Jim Wolford	542-2201	542-7650
	Jean Timpa		542-5678
Hawks & Owls	Bernard Forsythe		542-2427
Falcons & Eagles	Peter Austin-Smith		542-2109
Mammals	Tom Herman	542-2201	678-0383
Amphibians & Reptiles	Sherman Bleakney		542-3604
	Jim Wolford	542-2201	542-7650
Seashore & Marine Life	Sherman Bleakney		542-3604
	Jim Wolford	542-2201	542-7650
Indian Prehistory & Archeology	Graham Daborn	542-2201	542-5373
	Michael Brylinsky	542-2201	582-7954
	Ellis Gertridge		542-2816
Astronomy	James Legge		542-3530
	Roy Bishop		542-3992
	Sherman Williams	542-3598	542-5104
	Larry Bogan		678-0446

January 1996						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15 7:30 - BNS Meeting	16	17	18	19	20
21	22	23	24	25	26	27 Eagles Field Trip
28	29	30	31			

February 1996						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3 Eagle- Watch →
4 Sheffield Mills	5	6	7	8	9	10
11	12	13	14	15	16	17 Winter Walk - Kentville
18	19 7:30 - BNS Meeting	20	21	22	23	24
25	26	27	28	29 "Leap"		

March 1996						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6	7	8	9
10	11	12	13	14 Executive Meeting	15	16
17	18 7:30 - BNS Meeting	19	20	21	22 Winter/ Spring Sky	23
24/31	25	26	27	28	29	30

Blomidon Naturalists Society

1996 Membership Fees

Each member receives four issues yearly of the BNS Newsletter. The Blomidon Naturalists Society is a registered charity. Receipts for income tax purposes will be issued for all donations. The membership fee itself is not tax-deductible. Members may also join the Federation of Nova Scotia Naturalists through the BNS and will receive their quarterly newsletter; the membership is not tax-deductible.

Please enclose a cheque or money order payable to "Blomidon Naturalists Society" and forward to:

Harold Forsyth
RR #2, Wolfville, NS. B0P 1X0

Number	Membership Classification	Price	Total
_____	Individual Adult	\$12.00	\$ _____
_____	Family	\$15.00	\$ _____
_____	Individual Junior (under 16 years)	\$1.00	\$ _____
_____	Federation of NS Naturalists Membership	\$5.00	\$ _____
_____	Tax-deductible donation		\$ _____
		Total	\$ _____

Name: _____

Address: _____

Postal Code: _____

Type of membership

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Individual Junior

Family

(Number of people)

Join the Federation of NS Naturalists?

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No

Is this a gift subscription?

Yes

No