

# NOVA NOTES

VOLUME 28 — NUMBER 4 — AUGUST 1997

THE NEWSLETTER OF THE HALIFAX CENTRE OF THE RASC  
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## EDITOR'S REPORT:

BY DAVE LANE

Well, I think this is my first actual report in quite some time. Silence usually means things are going well — they were. But, since this issue has virtually no real content, its time again to hound for some material! So please send me stuff, anything! The newsletter is what you make it — sure I could fill it with stuff downloaded from the internet, but that is not the purpose of the newsletter.

My second point is that as of the end of the year I will be stepping down as editor. I've done it for six years and I starting to (?) burn out, loosing enthusiasm for it, etc. So hopefully someone will come forward before the end of the year, otherwise this issue will be a full issue by comparison to February's issue (no kidding!). See the announcement on page 2 for details on what it takes to be editor (its really not that hard!).  $\Omega$

## PRESIDENT'S REPORT:

BY DAVID CHAPMAN

Since my last report, the big news item was the official opening of the RASC Halifax Centre's Saint Croix Observatory, also known as "St. Croix", for short. The weather for the occasion was excellent (sunny and warm with no black flies!). We had a good crowd for the occasion,



## ASTROPHOTO OF THE MONTH

SORRY, NO ASTROPHOTO THIS MONTH, BUT WE DO HAVE A PHOTO OF THE CENTRE'S MISSING ASTRO-PHOTOGRAPHICALLY EQUIPED TELESCOPE! THIS TELESCOPE, AN **ORANGE-COLOURED CELESTRON C8**, WAS LOANED OUT BY PAST OBSERVING CHAIRMAN PAUL GRAY AND IN HIS RECENT MOVE HE MISPLACED HIS RECORDS AND DOES NOT KNOW WHO HE GAVE IT TO! SO IF YOU HAVE OR KNOW WHO HAS THIS TELESCOPE PLEASE LET SHAWN MITCHELL KNOW (865-7026) RIGHT AWAY. IF NOT, IT WILL REPRESENT A LOSS OF ABOUT \$2000 TO THE CENTRE'S ASSETS.

including our Honourary President Dr. Murray "Marvellous" Cunningham (brought to and from the site through the kindness of Ralph "Cookie" Fraser) and George "Brother" Bishop, representing our generous landlord, Minas Basin Pulp and Power Company Limited.

After a few words from Shawn "Home Improvement" Mitchell and yours truly, the assembled dignitaries rolled off the roof of the roll-off observatory structure. (Well, not ALL the way off!)

Actually, through various devices and contrivances (i.e. by talking on and on) I managed to delay the main event past the advertised 1:00 P.M. time to the precise instant of local "Noon", which had been computed by Roy "The Human Calculator" Bishop to be 13:18 ADT. (For a complete account of all the corrections and

considerations involved, ask Roy, or consult your 1997 Observer's Handbook, page 72.) The day happened to be the Summer Solstice, so the opening coincided with the highest elevation of the Sun in 1997 and the shortest shadows. A memorable moment indeed. (The event was noted in Peter Duffy's column in the following Tuesday's Halifax Herald, complete with photo.)

We have had a couple of boardwalk observing evenings next to the Maritime Museum of the Atlantic. (I like to call us "Busking Astronomers") I believe the August session was more popular than the July session, but both times the passersby who accepted our offers to peek through a telescope were most appreciative. Much of the delight seems to derive from the fact that we put on the event absolutely free with



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no strings attached. I had a chance to show off my newly-acquired TeleVue Ranger telescope, which I brought back from a visit to New York City. A minor disaster was narrowly averted when I foolishly placed one of Clint "Mr. Gadget" Shannon's mega-eyepieces in the focusing tube without

adjusting the balance point of the telescope first. I swear there is more glass in that eyepiece than in my objective lens. The views of Jupiter and his Moons were terrific!

Clint wanted to add a Barlow lens, but I had to decline with regret, as I feared the wharf structure might not stand the extra load. (Sorry about the greasy fingerprint, Clint, but I can prove it was not I or any of my family members. Honest.)

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**Don't miss September's Meeting, with the long-awaited Roy and Pat Show. That is, Roy Bishop and Pat Kelly will condense the History of the Cosmos into a one-hour special presentation.**

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By the time you read this Nova East, our annual Star Party, has already taken place. I was there with my family and my new telescope. The skies were variable, but it was a successful weekend nonetheless! Mark your calendars — next year's event will take place August 21-24<sup>th</sup>.

Don't miss September's Meeting, with the long-awaited Roy and Pat Show. That is, Roy Bishop and Pat Kelly will condense the History of the Cosmos into a one-hour special presentation. Actually, I reckon they may need a few extra minutes, as I read in the paper that the Universe has grown a couple of times bigger and older since the last time they did the talk. And all because of the HST! (The telescope, not the tax.) Ain't science great?  $\Omega$

## **Nova Notes Editor Needed! (AND I MEAN IT!)**

At the end of the year, your editor will be stepping down from his duties as editor of *Nova Notes* after six years at the helm. I've become more involved with the National RASC publications and no longer have the necessary free time.

A good editor would need the following:

1. A reasonably modern computer with access to the internet and a laser printer.
2. Word processing or DTP software and knowledge on how to use it.
3. Reasonable editing and spelling skills.
4. About 3-6 hours every other month to prepare the issue.
5. About 2-3 hours to fold, stuff, and mail the issue to members.

If you are interested, give me a call and I can give you more details.

Dave Lane (443-5989)

## **Call for Nominations**

Are you interested in serving on the executive of the Halifax Centre? There are several positions opening up this fall. Why not help out in the running of the Centre. Contact Dave Chapman at 463-9103 if interested.

*Cartoon - not available in the on-line version of Nova Notes*

# Halifax Centre Membership

(as of September 8, 1997)

TYP	LAST NAME	FIRST NAME	ADDRESS	CITY/TOWN	PV	POSTAL CODE	PHONE
REG	ALLEN	JANET	PO BOX 558	WAVERLY	NS	B0N 2S0	
REG	ANDERSON	IAN	PO BOX 148	CENTREVILLE	NS	B0P 1J0	542-0772
REG	ANTHONY	RUTH	202-1015 PANDORA AVE	VICTORIA	BC	V8V 3P6	
REG	ARMSTRONG	DR. STEPHEN	NRC-IMB, 1411 OXFORD STREET	HALIFAX	NS	B3H 3Z1	
REG	BARKHOUSE	WAYNE	U OF T DEPT OF ASTRONOMY 60 ST GEORGE STREET	TORONTO	ON	M5S 3H8	
REG	BEATON	DR J WAYNE	277 PLEASANT ST SUITE 510	DARTMOUTH	NS	B2Y 4B7	
REG	BESSONETTE	PAUL	1030 SOUTH PARK STREET APT 1014	HALIFAX	NS	B3H 2W3	
REG	BEZANSON	DR ED	RR#1	CHESTER BASIN	NS	B0J 1K0	275-4022
LIFE	BISHOP	DR ROY	MAKTOMKUS OBSERVATORY	AVONPORT	NS	B0P 1B0	542-3992
REG	BLAKE	MELVIN	412-6 ASSINIBOINE RD	NORTH YORK	ON	M3J 1L3	
REG	BOGAN	DR LARRY	RR#2	CAMBRIDGE STATION	NS	B0P 1G0	678-0446
REG	BOSCHAT	MICHAEL	6306 CORK STREET, APT 512	HALIFAX	NS	B3L 1Z1	455-6831
LIFE	BROOKS	DIANE	2016 WOODGLEN CRESCENT	GLOUCESTER	ON	K1J 6G4	
YTH	BROTZ	LUCAS	BOX 805	WOLFVILLE	NS	B0P 1X0	542-9786
YTH	BROWNLOW	MATTHEW	7 NICOLE COURT	DARTMOUTH	NS	B2Y 4P3	
REG	BUNBURY	DR DAVID	CHEM DEPT ST FXU/ PO BOX 5000	ANTIGONISH	NS	B2G 2W5	
REG	BUNGAY	HAL	10 HOLLY COURT	LAKE FLETCHER	NS	B2T 1A5	860-0802
REG	BURGESS	BARRY	647 1/2 HERRING COVE ROAD	HALIFAX	NS	B3R 1Y1	477-4677
YTH	CAMERON	HEATHER	C/O GEOLOGY DEPT ACADIA UNIVERSITY	WOLFVILLE	NS	B0P 1X0	
REG	CARRIGAN	STEVEN	207-56 OLD SAMBRO ROAD	HALIFAX	NS	B3R 1R1	479-0582
REG	CHABASSOL	ALISON M.	5713 VICTORIA ROAD, APT. 704	HALIFAX	NS	B3H 2Y3	425-2577
LIFE	CHAPMAN	DAVID	8 LAKEVIEW AVE	DARTMOUTH	NS	B3A 3S7	463-9103
REG	CHEVERIE	ROY	89 DOROTHEA DRIVE	DARTMOUTH	NS	B2W 2E7	462-8648
REG	CHEZEM	JIM A	2746 DEMARET DRIVE	TITUSVILLE	FL	32780- 4883	
REG	CLAIR	WILLIAM J	9 BIRCHDALE AVE	DARTMOUTH	NS	B2X 1E6	435-1910
LIFE	CLARK	DON	64 RAYMOOR DRIVE	DARTMOUTH	NS	B2X 1G9	
REG	CLARKE	DAVID	6208 REGINA TERRACE	HALIFAX	NS	B3H 1N5	425-6208
REG	CLAYTON	ROBIN	734 LUCASVILLE ROAD	LUCUSVILLE	NS	B4B 1R7	864-6913
LIFE	COLDWELL	LARRY	PO BOX 255	AYLESFORD	NS	B0P 1C0	
LIFE	COLLINS	GARY	65 BELLAVISTA DRIVE	DARTMOUTH	NS	B2W 2X4	
REG	CONNELLY	JOHN	5 ST MARY'S COURT	KENTVILLE	NS	B4N 5E5	679-1333
REG	CONRON	GREG	21 MAIN AVENUE, APT. 6	HALIFAX	NS	B3M 1A2	
REG	CONSELICE	CHRISTOPHER	ASTRONOMY/UNIV OF WISCONSON- MADISON	475 N CHARTER ST, MADISON	WI	53706- 1582	
REG	CROSMAN	TOM G	3567 LEAMAN ST	HALIFAX	NS	B3K 3Z6	455-7389
LIFE	CUNNINGHAM	DR MURRAY	126 PURCELLS COVE ROAD	HALIFAX	NS	B3P 1B5	
REG	DEWOLFE	DARYL	PO BOX 873	WOLFVILLE	NS	B0P 1X0	542-2357
REG	DILEO	DARREN	43 MONTEBELLO DRIVE	DARTMOUTH	NS	B2X 2H1	
LIFE	DOYLE	MILTON	20 DUSTAN ST	DARTMOUTH	NS	B2Y 3T6	
REG	DUNBAR	CYRIL	86 HAZELHOLME DRIVE	HALIFAX	NS	B3M 1N5	
REG	DUNN	RICHARD	14 BROOK STREET	LAKE FLETCHER	NS	B2T 1A5	
LIFE	EDWARDS	MICHAEL	9 MONARCH DRIVE	BEDFORD	NS	B4A 1R7	835-5040
LIFE	EDWARDS	PETER	6226 RAVINE WAY	GLOUCESTER	ON	K1C 2V4	
LIFE	ELLIS	DR DALE	5 ROCKWOOD AVE	DARTMOUTH	NS	B3A 2X9	464-9616
REG	EVANS	BRUCE	4225 HIGHWAY #2	WELLINGTON	NS	B2T 1A3	
REG	FALK	MICHAEL	1591 CONROSE AVE	HALIFAX	NS	B3H 4C4	422-5173
REG	FRASER	MARY	32 ROBLEA DRIVE	DARTMOUTH	NS	B2W 1Y7	434-3103
REG	FRASER	NORMA	23 CLEARVIEW COURT	DARTMOUTH	NS	B3A 2M9	
LIFE	FRASER	RALPH	40 MURRAY HILL RD	DARTMOUTH	NS	B2Y 3A8	466-5106
REG	GILL	DR GLENN H	18 HAMPTON COURT	FALL RIVER	NS	B2T 1E7	
REG	GIROUARD	DR F	PHYSICS DEPT/ UNIV DE MONCTON	MONCTON	NB	E1A 3E9	
REG	GRAY	PAUL	49 1/2 WINDMILL ROAD	DARTMOUTH	NS	B3A 1C6	469-0947
YTH	GUEST	CARL EDWARD	200 ST PHILLIPS STREET	BRIDGEWATER	NS	B4V 1W5	
REG	HALL	JAMES	6969 BAYERS RD APT 102	HALIFAX	NS	B3L 4P3	
YTH	HAMILTON	CHRISTOPHER	SITE 40, BOX C11	TANTALLON	NS	B0J 3J0	823-1331
REG	HARP	TOM	27 BROOKDALE CRESCENT APT 125	DARTMOUTH	NS	B3A 4N5	465-4928
REG	HENDERSON SR	REG D	RR#1	TRURO	NS	B2N 5A9	

YTH	HORYL	CAROLANN	PO BOX 41	NEW WATERFORD	NS	B1H 4K4	
REG	HUNEULT	JON	2 BARKTON LANE APT 203	HALIFAX	NS	B3M 4J1	
REG	HURLEY	PETER	150 HAGES LANE	PROSPECT	NS	B3T 2A4	
REG	JARVO	JOHN	11 HICKMAN DRIVE	TRURO	NS	B2N 2Z2	897-0529
REG	JONES	TONY	327 WAVERLY RD	DARTMOUTH	NS	B2X 2E2	435-0535
REG	KARLSON	DICK	RR#1 BOX 338	FRANKLIN	ME	04634	
REG	KAUZMANN	WALTER	301 NORTH HARRISON ST, SUITE 152	PRINCETON	NJ	08540	
LIFE	KELLY	PATRICK M	RR#2	FALMOUTH	NS	B0P 1L0	798-3329
REG	KILLAM	DAVID	PO BOX 17	RR#2 CAMBRIDGE STATION	NS	B0P 1G0	
REG	KUJATH	MAREK R	190 CORONATION AVE	HALIFAX	NS	B3N 2N3	
REG	KYTE	VAL	RR#2	STEWIACKE	NS	B0N 2J0	
LIFE	LANE	DAVID J	PO BOX 31013	HALIFAX	NS	B3K 5T9	443-5989
LIFE	LARKIN	LEONARD	6 ST COEUR COURT	SAINT JOHN	NB	E2M 5R3	
REG	LEYENAAR	PETER		SCOTCH VILLAGE	NS	B0N 2G0	
REG	LONC	FATHER WILLIAM	PHYSICS DEPT/ ST MARY'S U	HALIFAX	NS	B3H 3C3	
REG	MACDONALD	BLAIR	28 LAURENTIDE DRIVE	HALIFAX	NS	B3M 2N1	445-5672
LIFE	MACDONALD	DAVID	PO BOX 23044, DART SHOP CNTR RPO	DARTMOUTH	NS	B3A 4S9	
LIFE	MACLEAN	MARK	UBC MATH DEPT 1984 MATHEMATICS RD	VANCOUVER	BC	V6T 1V4	
REG	MACLENNAN	DANIEL	3631 ACADIA STREET	HALIFAX	NS	B3J 3P7	
REG	MACLENNAN	GEORGE	2525 PHILLIP STREET	HALIFAX	NS	B3L 3H1	
REG	MACNEIL	JOHN	27 GARDEN COURT TERRACE	DARTMOUTH	NS	B3A 3S6	
YTH	MAILLET	MICHAEL	3467 WILLIAMS LANE	NEW WATERFORD	NS	B1H 2B4	
REG	MATTHEWS	TONY	PO BOX 1913	GREENWOOD	NS	B0P 1N0	
REG	MATTIE	MICHAEL	PO BOX 1276, 124 POPLAR ST EXT	STELLARTON	NS	B0K 1S0	
REG	MCCARRON	BILL	133 RANKIN DRIVE	LOWER SACKVILLE	NS	B4C 3B4	865-0922
REG	MCEWAN	JAMES W.	1333 SOUTH PARK ST., APT 2105	HALIFAX	NS	B3J 2K9	
REG	MCNEILL	DUNCAN	BOX 629	CHESTER	NS	B0J 1L0	
REG	MELANSON	ANDREW	75 GOVERNOR'S LAKE DRIVE	TIMBERLEA	NS	B3T 1A5	
REG	MERCHANT	SUSAN	61 - 90 HIGHFIELD PARK DRIVE	DARTMOUTH	NS	B3A 4W7	
REG	MIHOFF	CARL	30 BROOKDALE CRESCENT, SUITE 406	DARTMOUTH	NS	B3A 4T7	
REG	MILLAR	GRAHAM	6153 MURRAY PLACE	HALIFAX	NS	B3H 1R9	
REG	MITCHELL	SHAWN	94 ALDER CRESCENT	LOWER SACKVILLE	NS	B4C 1A2	865-7026
REG	MORELY	WILF	34 ELIZABETH AVENUE	BRIDGEWATER	NS	B4V 1M2	
REG	MUMFORD	GEORGE S	PO BOX 267	DOVER	MA	02030	
LIFE	MURPHY	GERALD					
REG	MYERS	ANNA	20 O'DELL DRIVE	DARTMOUTH	NS	B2W 3T4	
REG	MYERS	GARY	RR#3 SITE 2 BOX 11	AYLESFORD	NS	B0P 1C0	
LIFE	NORMAN	ALEX C	59 SPIKENARD ST	DARTMOUTH	NS	B2W 3B6	434-6500
REG	NOWE	BAZIL	476 PONDEROSA DRIVE	LAKE ECHO	NS	B3E 1E3	
REG	ORAM	DON J	29 MELROSE AVE	AMHERST	NS	B4H 3N4	
REG	ORMOND	DONNA M	RR#1 FRASER MOUNTAIN	NEW GLASGOW	NS	B2H 5C4	
REG	PALMAN	GREG	PO BOX 57	AURORA	ME	04408	207-584- 5351
REG	PARKER	DARRIN	137 KING ST APT 2	BRIDGEWATER	NS	B4V 1A4	
REG	PARKER	LARRY	1055 LUCKNOW ST APT 508	HALIFAX	NS	B3H 2T3	
REG	PARSONS	GREG	43 HAMPSHIRE CRESCENT	TIMBERLEA	NS	B3T 1C4	
REG	PASS	BARRY	1642 LARCH STREET	HALIFAX	NS	B3H 3X1	
REG	PATTON	ERIC	PO BOX 384	IQALUIT	NT	X0A 0H0	
REG	PITCAIRN	DOUG	13 FERGUSON ROAD	DARTMOUTH	NS	B3A 4J8	463-7196
REG	POSTLETHWAITE	KEVIN	65 PRIMROSE ST APT 325	DARTMOUTH	NS	B3A 4E1	
REG	POWELL	JAMIE	19 WHIDDEN ST	ANTIGONISH	NS	B2G 2S9	
REG	REDMOND	SHAWN	PO BOX 932	TANTALLON	NS	B0J 3J0	823-3068
YTH	ROGERS	GRANT	48 LAKERIDGE DRIVE	BEAVERBANK	NS	B4G 1C9	
REG	ROSS	JAMES F.	RR#4, 3303 CAPE CLIFF ROAD	PUGWASH	NS	B0K 1K0	257-2295
REG	SAINTONGE	ARMAND	30 RUE ROCHESTER	FREDERICTON	NB	E3B 4T1	
REG	SCHRIVER	BRIAN K.	21 CHURCHILL ROAD	LOWER WOODSTOCK	NB	E7M 4A1	596-328- 67-5
REG	SCOTT	BRUCE	107 BROAD ST	SAINT JOHN	NB	E2L 1Y7	
REG	SCOTT	LAUCHIE	RR#1	THORBURN	NS	B0K 1W0	

LIFE REG	SCRIMGER SHANNON	DR NORMAN CLINTON	TUNS PO BOX 1000 RR#2	HALIFAX MUSQUODOBOIT HARBOUR	NS	B3J 2X4 B0J 2L0	889-2426
YTH REG	SHAW SHEPPARD	ALYSON ALAN	10 CANTERBURY CLOSE 50 CLEARVIEW DRIVE	HALIFAX BEDFORD	NS	B3M 3T2 B4A 3C8	
REG	SIMARD	DAVID	GENERAL DELIVERY	SHIPPIGAN	NB	E0B 2P0	
REG	SLAUNWHITE	HARVEY S	21 MOUNT PLEASANT AVE	DARTMOUTH	NS	B3A 3T3	
REG	SMITH	WADE	300 MICMAC BLVD, APT 308	DARTMOUTH	NS	B3A 4L6	466-0772
REG	SPEARNS	GREG	RR#5 BOX 31 SITE 4	ARMDALE	NS	B3L 4J5	868-2626
LIFE	STEFFIN	PETER	8 AUBURN DRIVE	DARTMOUTH	NS	B2W 3S6	434-4541
REG	STEWART	DAVID A	PO BOX 997	HALIFAX	NS	B3N 1X4	
REG	SWAINE	SYDNEY A	3223 AGRICOLA STREET	HALIFAX	NS	B3K 4G9	
REG	SZABADOS	LASZLO	KONKOLY OBSERVATORY, BOX 67	1525 BUDAPEST XII, HUNGARY			
REG	TALBOT	DARREN J	712-210 WILLETT STREET	HALIFAX	NS	B3M 3C6	443-9373
LIFE	THOMPSON	HUGH					
REG	THOMPSON	RONALD	C/O AIR SAINT PIERRE 1 BELL ROAD	ENFIELD	NS	B2T 1K2	
YTH	THORNTON	PAUL	PO BOX 943	PERTH-ANDOVER	NB	E0J 1V0	
LIFE	THURLOW	DR WILLIAM	1 CAROL AVE	SUMMERSIDE	PE	C1N 2K5	436-1083
LIFE	TINDALL	DR DAVID	3231 GLENDALE ROAD	HALIFAX	NS	B3L 3S4	455-7456
LIFE	TURNER	DR DAVID	DEPT OF ASTRONOMY AND PHYSICS, SAINT MARY'S U	HALIFAX	NS	B3H 3C3	435-2733
REG	VAN DIJK	ANTHONY M	4645 ROUTE 108 HWY	DERBY	NB	E1V 5C3	
LIFE	WELCH	DR GARY	DEPT OF ASTRONOMY AND PHYSICS, SAINT MARY'S U	HALIFAX	NS	B3H 3C3	435-4544
REG	WHEATON	BARRY	80 WATERFRONT DRIVE UNIT 102	BEDFORD	NS	B4A 4B4	
LIFE	WHISTON	REV DAVID					
LIFE	WHITEHORNE	MARY LOU	53 ZINCK AVE	LOWER SACKVILLE	NS	B4C 1V9	865-0235
REG	WILCOX	RICHARD	RR#2	PENNFIELD	NB	E0G 2R0	
REG	WILLIAMS	DENTON	PO BOX 196	LOCKEPORT	NS	B0T 1L0	
REG	WILLIAMS	SHERMAN	79 LIGHTHOUSE ROAD	AVONPORT	NS	B0P 1B0	
LIFE	YURCHESYN	JOE	5264 MORRIS ST APT 1104	HALIFAX	NS	B3J 1B5	422-8030
LIFE	ZUKAUSKAS	WALTER	PHYSICS DEPT/DALHOUSIE U	HALIFAX	NS	B3H 3J5	423-2400

### Statistics:

#### 142 Total Members

30 Life members  
102 Regular members  
10 Youth members

115 from Nova Scotia  
9 from New Brunswick  
1 from PEI  
10 from other provinces  
6 USA  
1 Hungary

100 (70%) within 1 hours drive of Halifax  
83 (58%) within 30 minutes of Halifax

## NOTICE OF MEETINGS AND EVENTS

### REGULAR MEETINGS

Date: **Regular Meeting — Friday, September 19 at 8pm**; 7pm for the council meeting.

Place: Lower Theatre, Nova Scotia Museum of Natural History, Summer Street, Halifax. Access is from the parking lot.

Topic: Main Speakers: **Roy Bishop and Pat Kelly**. Topic: **"Intro Cosmology"** Roy will cover the first three minutes of the universe and Pat will cover the rest. Come and find out who got the bad deal!

Date: **Regular Meeting — Friday, October 17 at 8pm**; 7pm for the council meeting.

Place: Lower Theatre, Nova Scotia Museum of Natural History, Summer Street, Halifax. Access is from the parking lot.

Topic: A number of short talks (too short for a full meeting) will be presented on a variety of topics. Do you have something short to present? If so, call the president, Dave Chapman at 463-9103.

### SPECIAL EVENTS

**Abigweit Autumnal Astronomical Adventure —**

This star party is organized by the Athena Community Astronomy Club in Summerside, PEI. It will be held this year on the weekend of September 26-28 (cloud date is October 3-5). Call Bill Thurlow at 902-436-1083 for further information.

### MEMBERSHIP RENEWALS

Most of you will have recently received your membership renewal notices from the University of Toronto Press (UTP). Be sure to send your renewals in quickly to UTP to avoid any delay in receiving your 1998 Observer's Handbook.

### 1998 OBSERVER'S CALENDARS

We have received our allotment of 1998 Observer's Calendars. There have been a number of improvements this year including Darren Talbot's comet photo being on the cover! To purchase one, call Clint Shannon or come to a meeting.

## JUST WHERE IS THE ST. CROIX OBSERVATORY?

The Centre's Observatory is located in the community of St. Croix, Nova Scotia. To get there from Halifax (Bayers Road Shopping Centre), follow these simple instructions.

1. Take Hwy 102 (the Bi-Hi) to Exit 4 (Sackville).
2. Take Hwy 101 to Exit 4 (St. Croix).
3. At the end of the off ramp, turn left.
4. Drive about 1.5km until you cross the St. Croix River Bridge. You will see a power dam on your left.
5. Drive about 0.2km past the bridge and take the first left (Salmon Hole Dam Road).
6. Drive about 1km until the pavement ends.
7. Continue onto the dirt road and drive another 1km to the site.
8. You will recognize the site by the two small white buildings on the left.

### ASTRO ADS

#### Meade 8" Model 2080B

#### Schmidt-Cassegrain Telescope

Includes 8x50 finder, motor drive, heavy duty tripod, Meade 56mm Super Plossl, 14mm UWA, and 8.8 UWA eyepieces, UHC filter, 2" star diagonal, case and standard accessories. **Asking \$3000**

Contact: Bill McCarron Phone: 865-0922

#### Meade 11x80 Giant Binoculars

Asking Price: **\$400**

CONTACT: Peter Haverstock

Phone: 876-8568

#### Various Filters For Sale

Meade 1 1/4 Moon polarizing filter (\$10.00)  
1 1/4 Yellow-Green filter (Wratten #11) (\$10.00)

#### Various Filters Wanted

1 1/4 planetary filters, Very Light Blue (Wratten #82A) and Light Green (Wratten #56). Trades considered.

Contact Daryl Dewolfe @ (902) 542-2357

## 1997 HALIFAX CENTRE EXECUTIVE

Honorary President	Dr. Murray Cunningham	
President	David Chapman	463-9103
1st vice-president	Blair MacDonald	445-5672
2nd vice-president	Clint Shannon	889-2426
Secretary	Mary Lou Whitehorne	865-0235
Treasurer	Ian Anderson	542-0772
Nova Notes Editor	David Lane	443-5989
National Representative	Pat Kelly	798-3329
Librarian	Greg Spears	868-2626
Observing Chairman	Shawn Mitchell	865-7026
Councilors	Paul Gray	469-0947
	Robin Clayton	864-6913
	Dr. David Turner	435-2733