

Rochester Academy of Science
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Rochester Academy of Science
BULLETIN

“An organization of people in the Natural Sciences”

May, 2011 - Vol. 65, #5

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ABOUT THE **ACADEMY** - The Rochester Academy Of Science, Inc. is an organization which has been promoting interest in the natural sciences since 1881, with special focus on the western New York state region. Membership is open to anyone with an interest in science. Dues are minimal for the Academy, and are listed in the membership application. Each Section also sets dues to cover Section-related publications and mailings.



For applications and/or more information contact Jutta Dudley, 140 Railroad Mills Road, Pittsford, NY 14534; by telephone 385-2368; or by e-mail <JuttaSD@aol.com>.

The *Academy* Internet web page is <http://www.rasny.org>

The *Astronomy Section* Information phone number is (585) 987-5330. The *Astronomy Section* Internet web page is <http://rochesterastronomy.org>

This “**BULLETIN**” is produced monthly, *except July and September*, by the *Astronomy Section, Rochester Academy of Science*. The editor is Bob Crumrine, 3 Timway Court, Fairport, NY 14450 Phone (585) 265-5292 (days) and (585) 425-7448 (evenings), e-mail <editor@rasny.org>

ROCHESTER ACADEMY OF SCIENCE OFFICERS

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|------------------|-----------------------|----------|-----------|
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The Academy Postal address is P.O. Box 92642, Rochester, NY 14692

**RAS TO CELEBRATE
SCIENCE EXPLORATION
DAYS' 40th ANNIVERSARY**

For the last 40 years, school groups, scouts, and families have made an annual trek to Science Exploration Days at St John Fisher College. The two-day event, organized by the Central Western Section of the Science Teachers Association of New York State, provides science enrichment for students in a six county area.



*Are these really edible?
Youngsters contemplate the
wild salads offered at the Life
Science Section table.*

The program will be held May 11 and 12, beginning with a school day program of seminars and exhibits for junior high age students and followed by a day devoted to the senior high students. The public is invited to the exhibit area on the evening of May 11. This year, a special 40th

anniversary reception for presenters and exhibitors will precede the evening program to which some public dignitaries have also been invited.



*What is it? A budding
paleontologist identifies his
fossil take-away.*

The Academy has had a significant presence in the SED event over most of the 40 years with members presenting seminars during the day program or interacting with students and families at the Section display tables. Our hands on exhibits and informative displays teach and enlighten visitors of all ages. The event plays a significant part in our outreach efforts and has been an excellent opportunity for us to make the Rochester Academy of Science known to the community. Let's make a great showing at the 40th celebration!

*Jutta Siefert Dudley, RAS
President, CWS-STANYS Science
Exploration Days Committee*

* * *

**TREASURER'S REPORT:
DESCRIPTION OF THE
TREASURY.
February 14, 2011**

The Rochester Academy of Science has three categories of funds: the General Fund, the Endowment Funds and the Expendable Funds. The General Fund receives membership dues, monthly interest from the Life Fund (endowment) and the Memorial Fund (endowment). Expenses from the General Fund are outlined in the budget below. The Endowment funds are not spent but generate interest, which is entered as income into the three Expendable Funds.

General Fund:

Budget Summary for 2011 (this is where membership dues go):

| | |
|--|---------|
| Section & Board | 1200.00 |
| Meetings: Room rental: | |
| <u>Bulletin</u> : printing, mailing, labor | 2500.00 |
| Events: Spring | 0.00 |
| Lecture & Fall | |
| Paper Session: paid from Expendable Funds | |
| General Office | 100.00 |
| Expenses | |
| Liability Insurance | 400.00 |
| Website | 60.00 |
| Total | 4260.00 |

There are eight Endowment

Funds: (These funds are reported to the IRS as restricted assets)

Fairchild Fund:

The income from this fund is deposited in the Publications Fund.

Life Fund:

This fund contains dues paid by those who joined at the Life Membership level.

Jensen Fund:

Interest from this fund is deposited in the Grants Fund.

Speakers Fund:

Interest from the Speakers Fund is deposited in the Lecture Fund.

Grace Murray Fund:

Interest from this fund is deposited in the Grants Fund.

Memorial Fund:

This fund is a repository for memorial gifts that are not designated to any of the other funds by the donor. The persons honored in this memorial fund will be recorded in a perpetual list, which will be published in the Proceedings. Gifts may be sent directly to the Academy Treasurer with a letter describing the memorial to be recorded.

Grants Program Endowment:

Interest generated from this fund is deposited in the Grants Fund.

Babette Coleman bequest:

The interest from this fund is deposited in the Paper Session Fund to support the expenses of the Fall Scientific Paper Session held each year at one of the area colleges.

The present balance of the Endowment Funds as of December 31, 2010:
Fairchild 10741.00

| | |
|-------------------------|---------|
| Life | 7800.00 |
| Jensen | 8275.00 |
| Speakers | 6550.00 |
| Grace Murray | 8250.00 |
| Grants | 3500.00 |
| Endowment | |
| Babette Coleman bequest | 4958.86 |
| Memorial | 650.00 |

The Expendable Funds: (These funds are reported to the IRS as unrestricted assets)

Publications Fund:

This fund receives the interest from the Fairchild Fund as well as individual gifts. Since 1995 this fund has been totally self-supporting in that it has not received any funds from membership dues or from the General Fund. Money in this fund is used to publish the Proceedings and Academy booklets.

Grants Fund:

This fund receives the interest from the Grace Murray Fund, the Jensen Fund, the Grants Endowment Fund and dividends from the T.F. and A.A. Murray Fund as well as gifts from individuals or from sections of the Academy. Since 1995 this fund has been totally self-supporting in that it has not received any funds from membership dues or from the General Fund. Money in this fund is used to award annual research grants to undergraduate college students.

Lecture Fund:

This fund receives the interest from the Speakers Fund as well as individual gifts. Since 1995 this fund has been totally self-supporting in that it has not received any funds from membership dues or from the

General Fund. Money in this fund is used to pay the expenses and honoraria for invited speakers who give lectures at Academy events (primarily at the Fall Scientific Paper Session and the Spring Lecture).

William Hallahan, RAS Treasurer

* * *

**ADK OUTDOOR EXPO
SATURDAY JUNE 11**

9:00 AM to 4:00 PM at Mendon Ponds Park, Hundred Acre Pond beach area. Have you ever wanted to just try a canoe or kayak but didn't know where to go? Have you ever wondered if there was a club with your outdoor interests? Here's your chance to find out! Join the members of several RAS Sections in sharing what we do, and finding out what other outdoor organizations have to offer. This event is free and open to the public. Contact your Section leadership to find out how you can participate.

* * *



**JOHN HANDLEY,
ACADEMY FELLOW**

John Handley, Ph.D. was inducted as Fellow of RAS at the Spring Lecture. John is currently Vice President of the Academy, Vice President and Acting President of the Fossil Section. A citation honoring John's accomplishments will be presented in the June issue of the Bulletin.

EVENTS for May, 2011

(For updates to events, check the Academy web site, <http://www.rasny.org>, or appropriate Section web site.)

MAY EVENTS

Fri 06 FOSSIL MEETING

7:00 PM Brighton Brookside Community Center. Use south entrance off S. Winton Road. Prof. Gordon Baird will speak on Deconvoluting end-Devonian mysteries: the Cleveland, Ohio – northwest Pennsylvania connection. Note change of date and venue. For further information contact Stan Spector (585) 461-1272.

**Fri 06 ASTRONOMY
GENERAL MEETING**

7:30 PM, RIT Gosnell Hall A-300 Lecture Hall. Dave Bishop will present his popular annual Astronomy in Review. For more information contact Lori Englund at 334-5744 or visit www.rochesterastronomy.org.

**Tues 10 RAS BULLETIN
DEADLINE**

Deadline for May, 2011 issue. Please e-mail input to editor@rasny.org.

**Tues 10 LIFE SCIENCE
SECTION MEETING**

6:00 PM at Karen Wolf's home, 1397 Five Mile Line Road, Penfield to help pick and prepare salads for Science Exploration Days. Bring a dish to go with a sandwich; drinks will be provided. For more information, call Karen at 670-9709.

**Wed/Thur 11/12. SCIENCE
EXPLORATION DAYS**

9:30 AM to 1:00 PM both days

and 7:00 to 9:00 PM Wednesday at St. John Fisher College. Set up Tuesday evening and Wednesday and Thursday mornings. All RAS Sections will be participating. Volunteer with your Section to help. See the article on page 1 for more information or contact Karen Wolf at (585) 670-9709.

**Tues 17 MINERAL
GENERAL MEETING**

7:30 PM, Downstairs Meeting Room, Brighton Town Hall, 2300 Elmwood Ave. Wes Watters from Cornell will talk on 7 Years of Mars Rover Geology. Door prizes & refreshments. Visitors welcome. Check <http://www.rasny.org/mineral> for updates or contact Stephen Busschaert at mineralvp@rasny.org

**Wed 18 RAS BOARD
MEETING**

7:00 PM Brighton Town Hall, Stage Conference Meeting Room.

Thurs 19 HERBARIUM

1:00-4:00 PM Life Sciences section will hold a workshop at the RAS Herbarium, located in the basement of the Rochester Museum and Science Center (RMSC). No experience needed! Plan to come and help with this valuable collection – and see some interesting plants! At RMSC, go to the front desk and ask staff person there to call ext. 368, the phone in the Herbarium. If you plan to attend, please send an RSVP to Elizabeth Pixley.

herbarium curator (334-0977 or epixley@rochester.rr.com).

**Fri 20 ASTRONOMY STAR
PARTY**

9:45-11:00 PM at Northampton Park at the Ski Lodge on Hubbell Road. No need to bring equipment or a deep understanding; just come and enjoy the views. Dress very warm as evenings may be very chilly! For information, contact Jim Seidewand at 723-6225.