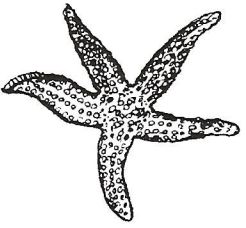


Printing of this newsletter is made possible by a grant from MTI corporation.



RINGWOOD, N.J. 07456  
150 SNAKE DEN ROAD



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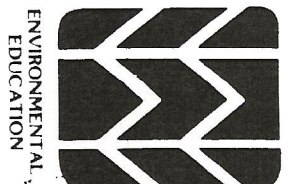
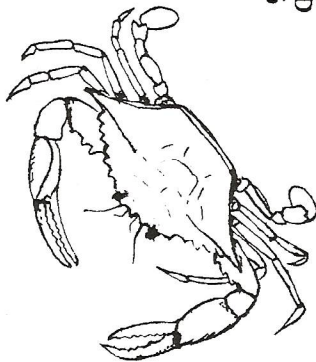
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# WEIS ECOLOGY CENTER

1992  
SUMMER PROGRAM  
NEWSLETTER

150 SNAKE DEN ROAD  
RINGWOOD, NJ 07456

(201) 835-2160



## WHO AM I?

I can be found most often in woodland areas. When I am young I am called a button, and I am covered by a veil. As I grow, my cap and stalk become better developed and my gills no longer touch my stalk. As an adult I have white spores and I occasionally have warts on my cap. A large part of me is found underground. The part above the ground is the part that is familiar to most people and is somewhat analogous to a fruit. Some members of my genera are among the most deadly fungi in North America, so don't ever taste or even pick me. Who am I?

I make my home in shallow waters along the Atlantic Coast. I am cleverly protected by a hard carapace and have a long, thin tail. People call me a living fossil because I am very much like my ancestors that lived 200,000,000 years ago. I scoop through sand or mud to find my favorite foods, worms and mollusks. I have six pairs of appendages. The first pair work with a pinching action. The next five pairs are walking legs and four of these pairs help me chew up my food. Shorebirds depend on my eggs as a food source when they are migrating through New Jersey. When my eggs hatch the larva resemble the adults, but are missing the tail. Who am I?

Dear Friends of Weis Ecology Center:

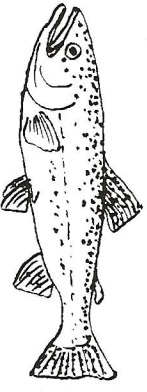
The song goes something like "roll out those lazy, hazy, crazy days of summer" and while our summer program schedule may have the hazy and crazy parts covered, we've definitely left lazy behind. This summer will have the Center's staff conducting programs on both coasts starting with a beach ecology program in June at Sandy Hook and following up with a week-long trip to Redwood National Park and the Pacific coast near the end of July. Surrounding those programs is a Whale Watch, caving trip, Clearwater sail and many more activities for you to participate in this summer. The Center's popular day camp for children is also being expanded this year to meet the demand for environmental education programming during the summer vacation period. All told, we've tried to provide something for every age level and interest area on this summer's calendar. We hope you'll be able to set aside some time for nature study this summer and we look forward to seeing you at some of our programs.

We've mentioned the importance of volunteers to the success of our programs at the Center on a number of occasions and this past spring's Pancake Brunch program pointed out again how valuable your participation in these programs is. This year's Brunch saw 188 people attend the feast (about double what we had last year) and since I was busy most of the day peeling my pancakes off the ceiling, we couldn't have carried the day off without our volunteers. Families, children and individuals all pitched in to help the Brunch go smoothly and we greatly appreciated their help. Volunteers are still needed for a number of our programs, so if you see one you might like to help with and would like to join in the fun of putting it on, we'd love to hear from you.

Thanks to all of you for your participation in and support of our programs here at the Center.

Sincerely,

  
Lee C. Schisler  
Executive Director



### PROGRAM HIGHLIGHTS

Have fun in the sun and discover the marine life that inhabits the shore of Sandy Hook during the Beach Ecology Walk in June.

Get a close up view of nature's gentle giants during the annual Whale Watch trip in August.

Learn about the "Highs" and "Lows" of weather with Nick Gregory of Channel 5 News when Nick Talks Weather in September.

### "HAUNTED TRAIL" VOLUNTEERS NEEDED

Adults, teens, scout troops and youth groups are needed to be a part of Weis' "Haunted Trail" on Saturday, October 17 and 24. A wide variety of skills and talents will be needed, including; dressing in costumes, acting in a short scene, patrolling the trail, parking cars, creating props, or acting scary. Please give us a call if you'd like to be a part of this hair-raising event.



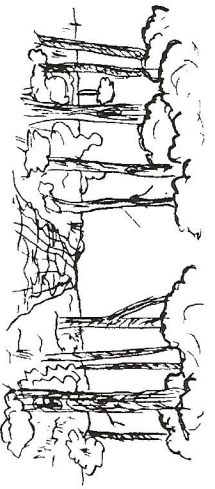
### PROGRAM DESCRIPTIONS

Saturday, June 13

Beach Ecology Walk  
10 AM - 4 PM



Get ready for a rip-roarin' time checking out the waves with Director, Lee Schisler. We will meet at Sandy Hook National Recreation Area around 10 AM for a day filled with fun in the sun (we hope!). We will study the marine life, talk about the ever changing shape of the shoreline, and compare and contrast the bay and ocean habitats. There will be a break in our activities to have lunch and, if time permits, also enjoy a swim. Although the program will wrap up around 4 PM you're welcome to do further exploring on your own. This program will be held rain or shine and prepaid registration is required to reserve a space. Cost: \$10 per nonmember (\$8 per member)



#### SUMMER NATURE DAY CAMP

Does hiking woodland trails, exploring the life of streams, and observing nature sound like something your child would enjoy? If so, then sign them up for an adventure with the Center's Nature Day Camp. Each session lasts for five days, is limited to 18 campers, and is designed for specific age groups. Prepaid registration by mail is required.

##### Wonderers Nature Day Camp

Age: Seven and eight-year-olds (participants must have completed first grade).

Dates: Monday, June 29 - Friday, July 3

Time: 10:00 AM to 3:00 PM.

Cost: \$48.00 per child (\$43.00 per member). Price includes daily instruction and an afternoon barbecue.

##### Adventurers Nature Day Camp

Age: Nine and ten-year-olds (participants must have completed third grade).

Dates: Monday, July 13 - Friday July 17

Time: 10:00 AM - 3:00 PM. Except for Thursday (3:30 PM to 9:00 PM).

Cost: \$48.00 per child (\$43.00 per member). Price includes daily instruction and evening barbecue.

##### Explorers Nature Day Camp

Age: Eleven and twelve-year-olds (participants must have completed fifth grade).

Dates: Monday, July 27 - Friday July 31

Time: 10:00 AM - 3:00 PM. Except for Wednesday (8:30 AM to 4:30 PM) and Thursday (3:30 PM to 9:00 PM)

Cost: \$74.00 per child (\$69.00 per member). Price includes daily instruction, transportation and entry fees for Sandy Hook Coastal Study on Wednesday and evening barbecue on Thursday.

Saturday, July 11

##### Nature Photography Hike

9:00 AM - 2:00 PM

Amateur shutterbugs are invited to sharpen their focus on nature. Learn about everything from f-stops to apertures to proper lighting in this highly informative hike and camera clinic with photographer, Bill Kaufhold. Bring your 35 mm camera, lots of film, a daypack, canteen and brown bag lunch. Rain or shine, we will depart from the Center's reception building. Prepaid registration by mail is required. Cost: \$4.00 per nonmember (\$3.50 per member).

Saturday, July 25

##### Clearwater Sloop Sail

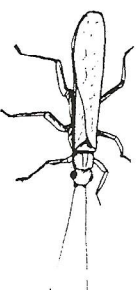
1:00 - 4:00 PM

Experience the life of a sailor in the 1800's by hoisting the sail, coiling the line, or trying your hand at the tiller. Families will enjoy this 3-hour trip sailing on the only full-size Hudson river sloop that still navigates the river. Nets will be cast to sample river life so participants can learn about the significance of organisms which inhabit the murky depths of the Hudson. Participants should either car-pool from the Center, or meet the Weis staff at 1:00 PM in Liberty State Park, New Jersey. Prepaid registration must be received at the Center by July 11. Cost: \$20.00 per nonmember (\$18.00 per member).

Saturday, August 1

##### Wet n' Wild

11 AM - 1 PM

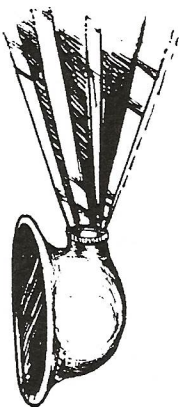
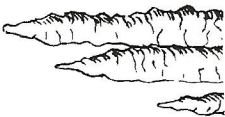


What better way to spend a hot summer day than walking through the vast wilderness of Norvin Green State Forest to the Blue Mine Falls. Here we will enjoy lunch and the beauty of a waterfall. Then we will arm ourselves with nets and try to discover what lives in and around the stream. After our return hike you may cool down in our stream fed pool. This program will be held rain or shine. Participants will need to bring a bag lunch and drinking water. Prepaid registration is required. Cost: \$4.00 per nonmember (\$3.50 per member)

Saturday, August 22

Beginner Spelunking Trip  
9:00 AM - 4:00 PM

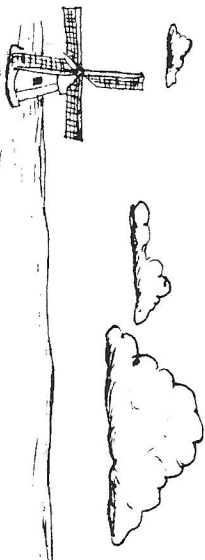
Do you enjoy exploring dark, damp places? Looking for some summer adventure below ground? Then why not join the Center and members of the Northern New Jersey Chapter of National Speological Society for a beginners' caving trip to some nearby Jersey caves. The techniques of safe cave exploration will be discussed along with cave formations and cave critters. No previous caving experience is necessary. This program will qualify participants to attend the Center's advanced caving trip in the Fall. Participants must be over the age of 10, should wear old clothes that can get muddy, bring 3 sources of light, a bag lunch, and a hard hat (if possible). The group will meet at the Center in the morning to car-pool about 1-1/2 hours to the caves. Prepaid registration by mail is required. Cost: \$7.00 per nonmembers (\$5.00 per member).



Sunday, September 13

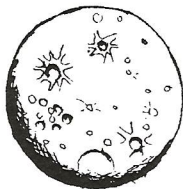
Nick Talks Weather  
2:00 - 3:00 PM

Learn about the "Highs" and "Lows" of weather forecasting with weatherman and Weis board member, Nick Gregory, of Channel 5 News. During this one hour informal discussion Mr. Gregory will talk about weather systems, fronts, and forecasting. There will also be a question and answer time to find out about the life of a T.V. weather forecaster. Prepaid registration by mail is required. The cost: \$4.00 per nonmember (\$3.50 per member).



Thursday, August 13

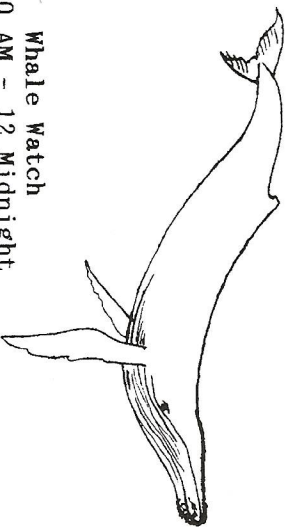
Dog Days' Moon  
8:15 PM - 9:30 PM



Take a closer look at August's full moon using our newly donated Monolux telescope. We will locate some of the "seas", craters, rays, and peaks of the rugged moon surface, including "Tranquillity Sea" where Neil Armstrong first walked on the moon. There will also be a time for tales - was their ever life on the moon? Bring blankets or reclining lawn chairs for more comfortable viewing. Binoculars may also be helpful. Meeting place: Nature House porch. Rain date: Friday, August 14 (call to confirm). Prepaid registration by mail is required. Cost: \$3.00 per nonmember (\$2.50 per member).



Whale Watch  
7:00 AM - 12 Midnight

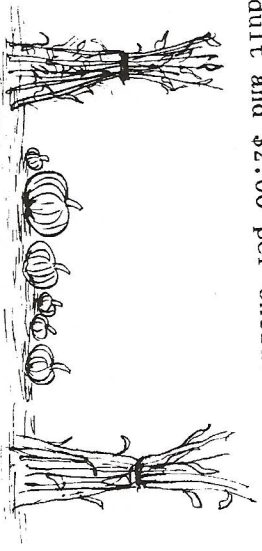


Saturday, August 15

What do breaching, job tailing, and spy hopping have in common? They are all dramatic surface behaviors performed by Humpback whales that participants of the Center's "Whale Watch" trip may have the opportunity to observe first hand. During the 4-1/2 boat trip participants can witness the behavior of 50-foot long Humpback whales, 75-foot Finback whales, and possibly small Minke whales. The group will travel by air-conditioned motor coach to Plymouth, Mass. where we will board an 80-ft double decker boat. Prepaid registration by mail must be received by July 15. Please include your name, address, and daytime telephone number along with your check. Cost: \$52.00 per nonmember (\$47.00 per member).

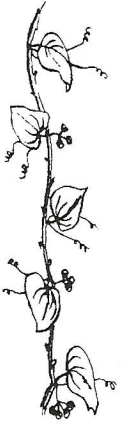
Sunday, September 20  
 Fall Festival  
 12:00 Noon - 5:00 PM

Colonial crafts, games, foods, and music are all part of the annual Fall Festival held at the Center. Demonstrations and activities will take place throughout the afternoon, rain or shine, so visitors may arrive at any time. Mark your calendars now for an exciting afternoon of living history, and watch for more information in the next newsletter. No preregistration is required. Cost: \$3.00 per adult and \$2.00 per child.



THANK YOU! THANK YOU! THANK YOU!

A big thank you to the following members and friends for their response to the Center's Spring Newsletter Wish List: Tom Heerema and N.J. bell for two cordless drills; Stan Kopacki for a 35mm camera; Lorna Piche for a 35mm camera and extra lens; Piombino family for a hard hat; Vincent Stouter for ten hard hats; Robin and Douglas Vaughan for the electric typewriter; Ward Weismantel for the telescopes and tripods; Bob and Ginger Weismantel for the aquariums and rodent cage.



THE WEIS SUMMER WISH LIST

- \* -Bar stool chairs (2)
- \* -Dehumidifiers
- \* -Cash boxes
- \* -Navaho White paint
- \* -Chair dollies
- \* -Stopwatch
- \* -Color T.V. (19" or larger)
- \* -Table Lamps (15)
- \* -Long-range walkie-talkie set

WELCOME NEW AND RENEWED MEMBERS

- |                          |                         |                   |
|--------------------------|-------------------------|-------------------|
| Doris Aaronson           | Baltrush Family         | Baines Family     |
| Jacqueline Barry         | Bartys Family           | Bauer Family      |
| Eleanora Beirne          | Beischer Family         | Berattis Family   |
| Bernhardt Family         | Bertolini Family        | Bioletti Family   |
| Kenneth Brigham          | Brown Family            | Harold Buijack    |
| Andrea Cahoon            | Lucy Cilento            | Cohen Family      |
| Cozine Family            | Pegge Delmour           | Daniel Diperna    |
| Audrey Donellan          | Edinger Family          | Jean Emerizy      |
| Fletcher Family          | Flynn Family            | Roster Family     |
| Fredericks Family        | Gear Family             | Gordon Family     |
| Grief Family             | Guzzio Family           | Hamaker Family    |
| Maureen Hansen           | Heisler Family          | Holmes Family     |
| Marie Johnson            | Roland Johnson          | Ina Juretschke    |
| Kahn Family              | Klein Family            | Kohn Family       |
| Liddle Family            | Mann Family             | Angela Matera     |
| Milden Family            | Mojzis Family           | Montenegro Family |
| Moran Family             | Nathans Family          | Genevieve Nelson  |
| Niverth Family           | Partyka Family          | Patson Family     |
| Pfister Family           | Pia Family              | Pierce Family     |
| Ragno Family             | Judy Reagan             | Reilly Family     |
| Riedl Family             | Jerry Ruocco            | Warren Samuels    |
| Sarnowski Family         | Schneider Family        | Anne Schorbus     |
| James Schwartz           | John Skelly             | Steneken Family   |
| Tischler Family          | Joseph Trunk            | Eugene Valenta    |
| William Voelkel          | Volpe Family            | Walkowich Family  |
| Josephine Wats           | Weismantel Family       | Weissman Family   |
| Wyckoff Family           | Carol Yellen            | Yocum Family      |
| Leight Family (Bellvale) | Leight Family (Chester) |                   |
| Martinez-Gonzalez Family |                         |                   |

ANNUAL MEMBERSHIP CATEGORIES



Environmental Education Center  
 150 Snake Den Road  
 Ringwood, NJ 07456  
 (201)835-2160

|                        |               |
|------------------------|---------------|
| _____ New              | _____ Renewal |
| Student/Senior Citizen | \$ 10.00      |
| Individual             | \$ 12.00      |
| Family                 | \$ 18.00      |

The following categories include a tax deductible contribution and privileges of a regular Family Membership:

|            |             |
|------------|-------------|
| Supporting | \$ 50.00    |
| Sustaining | \$ 100.00   |
| Donor      | \$ 250.00   |
| Patron     | \$ 500.00   |
| Benefactor | \$ 1,000.00 |
| Total:     | \$ _____    |

NAME \_\_\_\_\_ DATE \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_

ZIP \_\_\_\_\_ PHONE \_\_\_\_\_

OUR SPECIAL CONTRIBUTORS...

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Robin Abrett Bernard Baron  
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Elizabeth D. Weis Myron & Eleanor White

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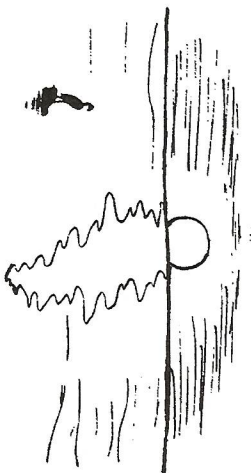
Michael J. Firth Henry Weis  
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Jacqueline Barry

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Membership Has Its Privileges

Help support the Center's efforts and enjoy reduced rates on programs, store items, and pool admission. Please look at the form on the previous page to see which membership is right for you.

CALENDAR OF EVENTS

JUNE

Sat., June 13 - Beach Ecology Walk (10:00 AM - 4:00 PM)  
Sat., June 20 - Whale Watch (7:00 AM - Midnight)  
Mon.-Fri., June 29-July 3 - Wonderers Nature Day Camp

JULY

Sat., July 11 - Nature Photography Hike (9:00 AM - 2:00 PM)  
Mon.-Fri., July 13-17 - Adventurers Nature Day Camp  
Sat., July 25 - Clearwater Sloop Sail (1:00 - 4:00 PM)  
Mon.-Fri., July 27-31 - Explorers Nature Day Camp

AUGUST

Sat., August 1 - Wet n' Wild (11:00 AM - 1:00 PM)  
Thurs., August 13 - Dog Days' Moon (8:15 - 9:30 PM)  
Sat., August 15 - Whale Watch (7:00 AM - Midnight)  
Sat., August 22 - Beginner Spelunking Trip (9:00 AM - 4:00 PM)

SEPTEMBER

Sun., September 13 - Nick Talks Weather (2:00 - 3:00 PM)  
Sun., September 20 - Fall Festival (12 Noon - 5:00 PM)



\*\*\*\*\*  
\* Answers to "Who Am I" \*  
\* 1) Amanita Mushroom \*  
\* 2) Horseshoe Crab \*  
\*\*\*\*\*

