

## Highlights

- Meet Jeanne Brennan
- Earthwatch Update for '98
- Kooser finds the Wolf-Nosed Baby of Elvis ?!

## Inside

- 2 The Latest on the Sale of Annie's Kayaks !
- 7 Web Worm
- 4 Photo Album APB

# The FlybyNite

*The Newsletter for  
Those Who Light Trap  
Insects  
Volume 2 • Issue 1  
February 1998*



*In 1998 our group will travel to the tundra on the western shores of Hudson Bay to study aquatic ecosystems in the arctic. This trip is sponsored by Earthwatch and Youngstown State University.... See inside (page 6) for details !*

## APPLICATIONS:

**Texas:** Garono and Kooser were approached (June 97) by the National Park Service in Big Bend National Park to help with planning the restoration of a wetland situated along the Rio Grande. Part of this wetland was drained in the 1880's and is the only known wetland in which the Big Bend Mosquitofish lives. Garono has already applied to the US Fish & Wildlife Service and to the National Science Foundation for funds to expand this research beyond the work that will be done by the 1998 Earthwatch team. US FWS wetland program seemed to be interested in a project such as this since it offers the opportunity to partner up with volunteers, non-profit, state and federal governments.

**Ohio:** Garono and Kooser picked up a job with **Phillips/ Sekanick Architects** immediately following the Ohio Bug Safari. (Sept 97) They were hired to conduct a wetland delineation on a parcel of property in Warren, OH. The goal of the study was to delineation wetlands so that fill of wetlands was avoided and/ or minimized. A minimal number of wetlands will be filled during the development of this site. Therefore, the developer may be required to build replacement wetlands. Garono and Kooser will bid on the contract for the wetland construction. Perhaps the Ohio Bug Safari will monitor those newly constructed wetlands in 1998!



## SEARCHING FOR A PHONE JACK IN THE OHIO WILDERNESS

One morning as we were retrieving bug traps from Arcola Creek, we met two people in the parking lot—Mike and Sophie. It seems that Mike had taken Sophie out for a while so that Sophie's Mom could get some work done at home. They were very friendly (although Sophie was a little shy), and quite interested in the trapping effort. We were in need of access to a phone line for our computer hookup, and Mike very nicely volunteered his neighbor's phone line for our use. So we went over to meet his neighbor Carol, who even at that early hour was very welcoming and happy to let Ayesha use her phone line to connect to the Internet to update our daily trip diary.



### ***".. we were saved by Mike and Sophie"***

Carol, Mike, and Mike's family all were very nice to us and besides the much-needed phone line, provided us with scrumptious home baked goodies which were VERY much appreciated by the hungry buggers back at camp.

### ***And Now a Word from our Sponsor . . .***

## **Greetings of the New Year!**

*By Lorraine Ortiz of Annie's Kayaks*

Dr. Ralph has done it again by traveling the furthest to participate in the 5th annual (the actual, one and only 5th annual) New Year's Day Kayak Paddle on the beautiful Nehalem Bay in Oregon. (see Dr. Ralph's exceptional digital photos...like my hat?) 32 adventuresome souls braved a major storm front, 30-40 mph winds and various other psychological obstacles to begin 1998 in style.

A couple of unplanned swims sent those cold kayakers and a few others back to shore, but 26 pushed on. Much skill-building was done that day. Surfing practice. High-wind paddling practice. Waterproof outdoor wear testing. Deep breathing techniques. Just a few of the skills honed that day.

As is nature's great sense of humor, when the last few people paddled into the picturesque little town of Nehalem, the wind died down and the sun came out big and bold. We giggled and went in to enjoy the afterparty.

Big News from Annie's Kayaks! Annie (the dog) decided at the end of the '97 season that she just could not take another summer inside a store so she convinced me to sell our wonderful kayak shop in Wheeler. We held out until another woman/dog duo came along to purchase the shop. Julie & Shasta, the new owners, have renamed the business the Nehalem Bay Kayak Co. Annie and I have retained the name Annie's Kayaks.

With our name intact, we will continue to teach more people how to kayak and to lead kayaking adventures in the Pacific Northwest, the United States and then the rest of the planet. If you ever want to drop us a line, we spend our time living and working at a great place called **The Art Ranch** with our best friend Terry. Here's how to reach us:

*email:* [lortiz@pdx.oneworld.com](mailto:lortiz@pdx.oneworld.com)

*u.s.mail:* Art Ranch, 39450 North Fork Road,  
Nehalem, OR 97131

Please let us know if you would like to be on the mailing list for Annie's Kayaks and Art Ranch adventures. Cheers to a great bugging year. *Adios* from your humble corporate sponsor.

..... *Lorraine*





## Jeanne Brennan

For those of you who don't know me I am one of the infamous bugpickers. I had the glorious opportunity to go on the Second, Fifth Annual Caddisfly Safari (Ohio, 1996) and the Big Bend trip (Texas, 1997). I'm one of the three Pennsylvanian-transplants devoted to the cause along with Jim Kooser and Ayesha Gray. I'm a recent grad with a B. S. in Environmental Biology and am currently working to protect biodiversity, specifically Pennsylvania's rare plants.

The bug trips were definitely instrumental in turning me on to field work, from sloshing around in the leech infested waters of Winnous Point, Ohio to crossing paths with a mountain lioness on the grueling hike up Boot Springs, Texas. One of the most rewarding parts of the trips have been getting to know the people and their love for their careers in protecting the environment.



I'm looking forward to catching up with my bugpicking friends, or meeting you on future bug trips. Until then I wear my bug shirt proudly...

## Featured Bug Picker

### KNOW YOUR QUARRY!

### MUSINGS ON CADDISWORMS!

From: Griffin, D.R. 1992. *Animal minds*. The University of Chicago Press. Chicago and London.

"ONE OF THE MORE IMPRESSIVE EXAMPLES OF COMPLEX STRUCTURES BUILT BY VERY SIMPLE ANIMALS ARE THE CASES AND NETS BUILT BY THE LARVAE OF CADDIS FLIES."

"THESE SIMPLE INSECT LARVAE THUS EXHIBIT A CONSIDERABLE DEGREE OF VERSATILITY NOT ONLY IN THE INITIAL CONSTRUCTION OF THEIR CASES BUT IN REPAIRING THEM. DESPITE OUR CUSTOMARY ASSUMPTION THAT INSECT LARVAE EXHIBIT ONLY STEREOTYPED BEHAVIOR, THEY HAVE HIGHLY ORGANIZED CENTRAL NERVOUS SYSTEMS WITH HUNDREDS OF NEURONS AND SYNAPSES THAT APPEAR QUITE CAPABLE OF ORGANIZING RELATIVELY COMPLEX

AND FLEXIBLE BEHAVIOR."

"IT HAS BEEN CUSTOMARY TO VIEW SUCH ARTIFACTS AS CADDIS FLY CASES IN MUCH THE SAME LIGHT THAT BIOLOGISTS VIEW THE ELABORATE STRUCTURES OF ANIMAL BODIES - PATTERNS REGULATED PRIMARILY BY GENETIC INSTRUCTIONS. BUT ON CLOSE EXAMINATION IT TURNS OUT THAT EVEN SIMPLE CREATURES SUCH AS CADDIS FLY LARVAE ADJUST THEIR BUILDING BEHAVIOR IN WAYS THAT WOULD SEEM TO BE AIDED BY SIMPLE THINKING ABOUT WHAT THEY ARE DOING. SUCH THINKING MIGHT BE LIMITED TO SEEKING TO MATCH SOME SENSORY OR PERCEPTUAL PATTERN THAT WAS ITSELF PRODUCED BY GENETIC INSTRUCTIONS. BUT, AS I HAVE POINTED OUT ELSEWHERE, THE FACT THAT A CENTRAL NERVOUS SYSTEM OPERATES IN A CERTAIN WAY BECAUSE OF GENETIC INSTRUCTIONS DOES NOT NECESSARILY MEAN THAT ITS OPERATIONS MAY NOT ALSO LEAD TO COGNITION AND PERCEPTUAL CONSCIOUSNESS."

---

Miss Busse as seen at the Christmas Party in Corvallis in December. Katie had a terrible cold and DRAGGED herself out to R.J.G's party — she did, however, leave early.



“... Only time I'm satisfied

---

is when my tongue is green'  
give me a bottle of nyquil  
that restful sleep my body needs  
analgesic decongestant, and an  
antihistamine”

— Alvin Crow the Nyquil Blues.

---

## The Philosophical Musings of Robyn (a.k.a. Robin) Patterson

(—Ohio Trip)

---

Last winter I had the opportunity to take a course in Environmental Ethics. What is an “Environmental Ethic”? Well, as in the words of our fearless, all knowing, all seeing leader (that means you Ralph), “It depends”. I don't know if anyone else has taken a course such as this, but I suggest you do; as it will help to open your eyes (a reading of Daniel Quinn's Ishamel will help too) as to why we, as a human society, can not seem to find a reasonable solution to the question of how humans should live or, what precisely are the guiding principles we need to live by in order to maintain the perpetuation of human life.

The first flaw I found was the over accentuation of the term human. This is what Philosophy, or Sociology, calls “Anthropocentric” -- the view that all, and only humans count. Nothing else has moral standing. Nothing else, but a human, has a right to life. But, even after rationalizing that flaw I had to go further. I now had to deal with other varying Environmental Ethics: Utilitarianism, Biocentric, Ecocentric, Extentionism, Deep Ecology, Environmentalism, Feminism and the Animal Rights view points.

Why is it that humans always need to make things so complicated? An Environmental Ethic, to me, seems quite simple to form. I start with the premise: life is a property of ecosystems, not single organisms. Life has structure and or an ecosystem is lost, damaged or destroyed a part of me is lost damaged or destroyed; a functional part of life is lost, damaged or destroyed.

function. Life is complicated, multifaceted and interrelated; it has an infrastructure. Could one human body exists without a liver? Even with a liver could one human body exist and carry on life without another human body to aid in procreation? Even with more than one human, could life persist without nature's producers (green plants), or microbes, or plankton, or worms, or inverts, or water, or soil, or.....

If life was such a simple thing then we would be able to send a human, or a few hundred humans to the moon and they should be able to carry on life with no problem right? So, why haven't we done this? Because we know it's not possible; no atmosphere, no water, no producers, no microbes, no worms.... NO LIFE. The Moon is not ALIVE. Earth is ALIVE. Not because it has HUMANS, but because it has ECOSYSTEMS. It has the DIVERSITY needed for the infrastructure of a structured, multifaceted, interrelated, functioning concept/quality termed LIFE.

From this premise I came to the conclusion that I am not an environmental advocate. I am a life advocate. All things living share a common ancestry, and from that we all evolved. I am a part of everything around me and everything around me is a part of me; we are all a part of the structure of life. Every time a species

Humans tend to view Evolution as the process that created Man. In other words, Man is/was evolution's ultimate goal; Anthropocentrism at it's maximum. Evolution is a spontaneous process; it's only goal is to keep the process in perpetual forward motion; to keep evolving life. Those that benefit the process survive, those that don't become extinct. Humans are not the end product of the process of the evolution of life, we are merely a part of it. And, maybe, a very important part; maybe a very important part of what needs to be preserved in order to sustain the integrity of the process of life. I say "very important"

because man has accumulated such an abundance of knowledge and wisdom; knowledge and wisdom that can be passed down to our descendants and, to the descendants of other living beings when the time comes. And, these other living beings will have knowledge and wisdom to pass on to our descendants, when the time comes. Even if humans don't manage to survive, the evolutionary process of life won't stop; it will encode, record and utilize the information of our folly; it will learn from it's mistakes; it will become wiser. But it won't stop; life will continue to evolve. If humans can manage to keep themselves intact long enough we may bear witness to, and be a part of, one of the most mysterious and wondrous phenomena of life.. It's evolution.

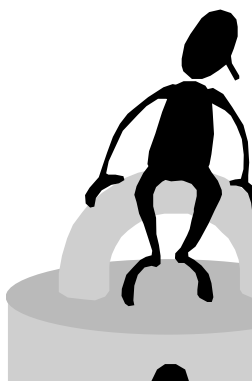
To one clear harp in diverse tones  
That men may rise on stepping-stones  
Of their dead selves to higher things.  
[as may all others]

--- Tennyson



### KEY EVENTS OF THE OHIO BUG SAFARI

by Nurse Anne Arquette



The Ohio Bug Safari was a trip filled with unexpected surprises and new experiences. One morning at the wilderness camp at Portage Lakes State Park, several key events transpired to make the trip even more memorable.

The day began as usual, with an early wake-up call accompanied by the patter of falling caterpillars and their droppings on the tents—a kind of gentle rain. We ate a sumptuous breakfast (granola bars for the vegetarians; eggs benedict for the others [except for Dave of course, who ate only Bradsby crackers]), then leisurely made ready for the morning trap retrievals.

The intrepid buggers were making ready to board their respective research vehicles (only one of which was clearly marked as such), when suddenly an agonized cry rent the air, and shook a few more caterpillars down from the treetops. It seemed that SOMEHOW one of the fearless safari participants had managed to lock car keys in trunk. In our wilderness location in Akron, this was truly an emergency! A general panic would have ensued but for the clear, levelheaded response of our fearless leader. He kept everyone calm and masterfully pointed out that a phone was available at the park entrance and Triple A was just a phone call away. Trap retrieval teams were quickly adjusted and set off nearly on time.

Later in the morning, this author took one of the rental cars to the nearest grocery store for some urgently needed provisions. While in the store I could hear the Expedition Leader calling me on my mobile hand-held HAM radio, but he could not seem to hear my transmissions in reply. I finished my food-finding mission and hurried out to the parking lot to call him on the car radio, which worked fine. It turned out that he wanted some more 3X5 cards for bug labels—so after telling me how to adjust my radio so I could transmit messages on our designated frequency, I headed back into the store for the extra item. When I returned to the car moments later I discovered to my horror (you guessed it) the keys safely resting on the driver's seat of the locked car!!!! It seems that the keys took advantage of how distracted I was by the excitement of talking on and programming my radio, and left my pocket without notifying me.



Thank goodness for amateur radio. Several of Ralph's friends were listening in and were in the area, and came to my rescue. WD8MDE and WD8MDF were kind enough to invest more than an hour of their time assisting me with the break-in. The rental car turned out to be a veritable fortress, almost impossible to break into. The same Sheriff who had assisted with the key problem back at camp showed up to lend a hand, and a nice young man from the store came out with a coat hanger to donate to the cause. Ralph showed up to assist also, but it was his friend Dr. David Goff who finally snagged the keys and pulled them through a small space at the top of the rear window (which was open to allow for passage of the HAM radio antenna wire).

So, as it turned out, the presence of the radio saved the day on more than one count. (But as it also was the cause of the whole problem in the first place, this does not count for much.) I would say there are two important lessons to be learned from this episode:

1. Do not talk on the mobile car radio unless you know exactly where your keys are, and
2. Judge not lest ye do the same thing in the near future and really embarrass yourself.

### ***Have You Seen the Big Bend Photo Albums ??***

***No, I mean, have you seen the albums ? They disappeared after leaving Jim Kooser's possession! I was circulating two photo albums which contained photographs taken during the 1997 Big Bend trip ... they never made it to Alma (she was next on the list). If you find them, give me a call (541) 757-7896.***

***-- RJG***

## *Alter's Book Review*

The Monkey Wrench Gang By. Edward Abbey

Edward Abbey was the founder of the radical environmental organization Earth First. This Book is about a group of radical environmentalists that go around righting the wrongs society has done to the Earth. This is a perfect book for when you need a boost. You will feel like taking on the whole world after you read this book.

Mutant Message Down Under By Marlo Morgan

By far the best book I have ever read in my life. This is an easy book to read one could finish it in a day or two and it will remain with you forever. A truly inspirational book that gives you a new outlook on the human race and our heritage. It raises questions as to our real purpose on this planet. The human race is the mutants and there is a definite message in this book.

The Guide to Graduate Environmental Programs

By The Student Conservation Association

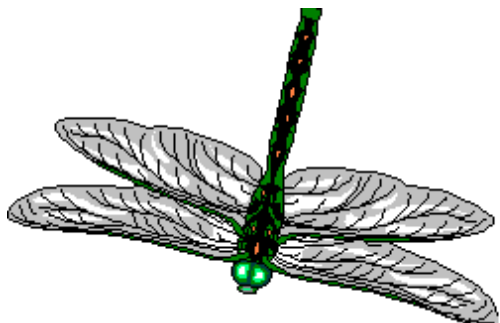
This book is an invaluable resource when trying to locate an environmental graduate school. I found it in the Island Press Environmental Sourcebook they are a company that sells environmental books. They can be reached at <http://www.islandpress.org> or at 1-800-828-1302.

---

*Ryan Alter is a regular, rather selective Bug Picker from Ohio. It seems that he only picks bugs that he catches on warm tropical islands --- he wouldn't be caught dead with dead Ohio bugs !*

---

**Future Ham Operator, Val !**



## **This 'N That** **& A Calendar of EVENTS**

**Shon Schooler** (Oregon) has been selling his books like crazy ! He expects to defend his Master's Thesis and be on the road to **New York City** late this winter. Shon *et al.* Will be heading EAST in a trailer as they drive across the US. Go East young people! Shon was a volunteer in the Corvallis Bug lab.

**Jessica Shrunk** and **Kelly Chapin** have joined the Corvallis Bug Team. Watch for their mugs on the web pages.

**Live Internet from the field.** We are planning on working with folks who are comfortable in their own homes and with school children in their classrooms from our field locations in 1998. Garono has been investigating the use of *live Internet video*. We hope to be able connect to folks via the Internet, live from Big Bend and the Tundra this summer ... watch the web site for details !

**BIG BEND trip is being sponsored by Earthwatch in 1998 and is scheduled for June 14 to 1 July.**

**Ohio 1998** Garono is in the process of looking for funding to carry on the studies in Ohio wetlands. Trip is tentatively scheduled for early August 1998. The trip may be offered for college credit...stay tuned.

**Katie Busse (Oregon)** will be leaving these parts soon. Katie has also just completed a manuscript that she submitted for publication on the water quality of shellfish growing areas in Tillamook Bay.

**Scott Larson**, the photographer that Microsoft sent out to Big Bend with our team, writes to say that he has left microsoft to persue his music and to be a freelance agent. See <http://carpoint.msn.com/autoshow98/home> for a parting shot. Scott can be reached at (425) 688-0094 and his band, T.W.dsl (tea double yew dewzel), has a email list. So if you in the Seattle area, call or email (twdsl@accessone.com) Scott to see what is up.

**Bill Wright's Book (Texas).** **Bill's book, featuring the Big Bend region, should be out early in 1998.**

**Arctic WETLANDS Churchill, Manitoba:** This September our team will be heading to Churchill, Manitoba to catch bugs in wetlands on the Tundra. This trip will be in conjunction with Youngstown State University and Earthwatch. Check the web pages for links to the Churchill Northern Studies Centre. The trip is scheduled August 26- September 10<sup>th</sup>.

Has anybody seen Shay (??) lately ?

**Ayesha Gray** is heading West. It appears that Ayesha will be heading to Seattle to join the lab of infamous estuarine ecologist Si Simenstad at the University of Washington to work on her Master's.



## **WEB WORM**

*WEB ADDRESSES of Interest*

### **Annie's Kayak**

<http://ourworld.compuserve.com/homepages/drbog/ankayak.htm>

### **Earthwatch** <http://www.earthwatch.org>

### **Bill Wright's Page (Big Bend Artist)**

<http://www.wrightworld.com/>

<http://www.wrightworld.com/bigbend/book.html> <http://www.wrightworld.com/>

### **Shon Schooler's Page** <http://www.orst.edu/%7Eschooles/schooler.htm>

### **Over 1 Billion Served: well, not quite (up-to-date counts of our bugs)**

<http://ourworld.compuserve.com/homepages/drbog/bugcount.htm>

### **Conservation Biology Institute**

<http://www.consbio.org>

### **THE FLYBYNITE HAS ITS OWN WEB PAGE**

<http://www.peak.org/%7Edrbog/newsletter/flybynite.html>

### **Earth Design Consultants, Inc.**

<http://www.earthdesign.com>

**Ralph J. Garono, Ph. D.**

*Earth Design Consultants, Inc.*

*800 NW Starker Avenue, Suite 31*

*Corvallis, Oregon 97330*

