



Rivanna Naturalist News

A newsletter for Master Naturalists of Albemarle and surrounding Virginia counties.

Volume 3 No. 1

Mar-May 2010

The majority of you can access the internet. Some of the information is on the following websites. If you cannot get onto the internet and/or want it categorized, read about it all below.

Our web site vmn-rivanna.org/index.html
 Va Naturalists [Va Naturalists](http://VaNaturalists)
 Va Native Plants [Virginia Native Plant Society](http://VirginiaNativePlantSociety).
 Monticello Bird Club link from vmn web site above
 ICNA ivycreekfoundation.org/

If the auto links don't work, copy and paste the URL into your browser.



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 Programs/Hospitality: Tina Streatly-Colom

Training: Bill Feeney



Volunteer Opportunities
 Designated below by this green color



Upcoming Meetings
 Designated below by this purple color



Upcoming Education Opportunities
 Designated by this burnt yellow color.



Ye Naturalist Calendar

MARCH

- Th, 4th @ 7-8:30 pm at VCE bldg Rm. A. 4 legged Garden Pests by Mark Robb.
- Sat, 6th, 7:30 am Join John Zimmerman for an early morning bird walk with the [Monticello Bird Club](http://MonticelloBirdClub) @ ICNA
- Zero Garbage Challenge, Sunday 7th, 1:00-3:00pm. Don't worry, attending the workshop does not mean that you have to take the zero garbage challenge! If you can make it, please RSVP to zero.garbage.challenge@gmail.com
- Wednesday, 10th, 7:30 p.m. VNPS @ ICNA.
- Thursday, 11th, 7:00 p.m. Monticello Bird Club @ ICNA.
- Festival of the Book 17-21 We will be cosponsoring four events and tabling at them. More to come. Project approved. Contact Ruth Douglas
- Wednesday, March 17th, 8 PM, Marshall Faintich, a Photographic Guide to the Birds of Wintergreen. Blue Ridge Mountain Sports at Barracks Rd
- Thursday, March 18th, 8 PM, Leonard Adkins, Wildflowers of the Appalachian Trail Blue Ridge Mountain Sports at Barracks Rd.

- Thursday, 18th, 7:00 p.m. to 8:30 p.m. at VCE bldg Rm. A. Slave Gardens of Monticello
- Third Thursday Brown Bag 18th - Noon Library -201 E. Market Street, (Speaker Steve Williams, Executive Director, TJ Planning District Commission)
- Friday, 19th, 8:00 p.m. Blue Ridge Mountain Sports at Barracks Rd. Along Virginia's Appalachian Trail by Leonard M. Adkins
- Saturday, 20th, 12:00 noon. Blue Ridge Mountain Sports at Barracks Rd. A Walk for Sunshine Appalachian Trail Show with Jeff Alt.
- Saturday, 20th, 2 PM, Blue Ridge Mountain Sports at Barracks Rd. Jonathan Alderfer, Illustrated Birds of North America
- Saturday, 20th, 4 PM, Blue Ridge Mountain Sports at Barracks Rd. NATURE TALES: Art Evans / What's Bugging You, Fred First / What We Hold in Our Hands, Diane Tennant / The Barking Tree Frog and Other Curious Tales
- Sunday, 21st, 3:00 p.m. Blue Ridge Mountain Sports at Barracks Rd. Pets and Their People. Bruce Coston (*Ask The Animals: A Vet's-Eye View of Pets and the People They Love*), Cheryl Falkenberry (*In Delilah's Eyes: Dog Training From a Dog's Perspective*), Jenny Gardiner (*Winging It: A Memoir of Caring for a Vengeful Parrot Who's Determined to Kill Me*), and Stefan Bechtel (*Dogtown*)
- The Songs of Frogs and Toads, Wed, 24th, 7 pm @ ICNA, with Michelle Prysby
- Thursday, 25th, 7:00 p.m. to 8:30 p.m. at VCE bldg Rm A. The Healing Powers of Gardens by Dr. Reuben M. Rainey, William Stone Weedon Professor Emeritus of Landscape Architecture.
- 27th, 10-2. Virginia Discovery Museum--KidVenture 2010 "Discover Nature", Key Recreation Center, downtown--hands-on education table. Approved
- 14-15th @ 4p.m. Banff Mountain Film Festival - Paramount Theatre
- 24th @ 7:00pm. Wild/Scenic Environmental Film Festival, Vinegar Hill Theater to benefit Wild Virginia
- Spring Pools Institute @ Sweet Briar College, 24-27. See details on last page of the newsletter.

- Middle James Roundtable annual meeting in Appomattox, VA Topic is storm water, free, contact Ida Swenson. Advanced training

APRIL

- Thursday, 1st, 7:00 p.m. to 8:30 p.m. @ VCE bldg, Rm A. Local Food: Cultivating Community in Central Virginia by Lisa Reeder, Principal, A Local Notion.
- Sat, 3rd, 7:30 am. Spring migration will be the highlight of our April bird walk with Stauffer Miller of the Monticello Bird Club @ ICNA.
- Thursday, 8th, 7:00 p.m. Monticello Bird Club @ ICNA.
- StreamWatch intro training workshop April 10, 10am - 4pm @ ICNA Ed. bldg.
- Cleaning trails at Scheier Natural Area, 11th, 9 to pizza.
- Wednesday, 14th, 7:30 p.m. VNPS @ ICNA.
- Project Learning Tree on the 16th at Wintergreen. See LoriAnne's note or go to www.plt.com for details.
- Galaxies and Black Holes at Ivy Creek, Sat, 17th, 7:30 pm Get close to the universe at Ivy Creek. After a short presentation in the Education Building, the Charlottesville Astronomical Society will introduce you to visible galaxies and black holes in the night sky from the open mowed area next to the barn. Clear sky only event. BYO telescope.
- On 18th, 11am to 7pm. Earth Day celebration Eco-Fair tabling in 2 hour shifts. Contact Ida.
- Third Annual Rivanna River Sojourn April 17-18
- Native Plant Society Sale at ICNA Sunday, 25th @ 1 pm @ ICNA Ed bldg
- April 24 Master Naturalist Bioblitz at Byrom Forest Preserve Diane Foster 964-1022

MAY

- First Saturday Bird Walk, Sat, 1st, 7:30 am Walk with Gretchen Gehrett of the Monticello Bird Club at the peak of spring warbler migration.
- Invasive Removal Day 1 Project to be announced
- Bioblitz at Byrom Forest Preserve Possibly May 1 Project approved

- Master Gardener Plant Sale May 1 Contact Dorothy Tompkins
- 2010 Training Class Graduation and volunteer Fair 25th 6:30 - 9 Contact Bill Feeney
- Women's Hike & River Paddle May 1 Contact RCS
- Rivanna River Regatta May 8 9:30am (434 975-3072)
- Wednesday, 12th, 7:30 p.m. VNPS @ ICNA.
- Thursday, 13th, 7:00 p.m. Monticello Bird Club @ ICNA.
- Butterflies of Ivy Creek, Sun, 16th, 1:00 pm Join Mike Scott for the first butterfly walk of 2009. Start by meeting in the Ed Building to see Mike's impressive display of the butterflies of Ivy Creek and for an introduction to identification skills. Continue on the trails with Mike.

JUNE

- First Saturday Bird Walk, Sat, 5th, 7:30 am Walk with Mary Janet Fowler of the Monticello Bird Club at the peak of spring warbler migration.
- RMN General Meeting To be Announced
- June 5 Clean the Bay day. Contact Tex Weaver
- Rivanna Trails Day at River View Park June 5

Ida Swenson and from RMN & ICNA web sites



January Meeting

Our scheduled December general meeting didn't take place until January 17th this year because of our mere 2' snowfall. The rain outside didn't dampen our spirits though. Inside, we were entertained and livened by the Lulu and Virginia Creepers band shown below with Michelle Prysby on fiddle, Sheila Scott on bass, Tucker Rollins on mandolin, John Woodell on banjo, Lori Rollins on guitar performing.



After presentations of awards, eating, opening of the white elephant gifts and exchanging books, we had an educationally entertaining talk by Hub Knot. Hub told of how he came to be a tracker and some interesting stories surrounding this. Then, he moved us to the entrance area where he taught us to be sneaky and to listen and hear animal activity a little better.



Did you know that we can emulate animals by putting our toes down first instead of our heels while walking? You land first on your little toe and then kind of rotate to the others and back to the heel. Cup your hands behind your ears in order to hear better. Learn to increase your sight area by extending your arms until full wide and still "see" both of them. Try all this stuff next time you're in the woods.

Ralph Hall



New RMN Class

Our new training class for master naturalists started February 16th at Ivy Creek. Any RMN can attend any of the classes for a refresher, but you cannot go on the field trips.

Here are some pictures from the first class.

First row: Marianne O'Brien, Jill Card, Ronda Ellcessor, Mary Tillman and Jennifer Whitenack.

Second row: Scott Hilles, Paul Wilcox, Arthur Farrell and Christine Putnam.

Back row: Gene Potter, Marilyn Potter, Cass Cannon and Robyn Black.

Ida Swenson is speaking; Cindi Westley, Dede Smith and LoriAnne Barnett looking on.



Here's another where it appears they're having fun.



One of our favorite professors, Tony Russell, is doing his stuff in this one, as host for the day.



Some comments by Ida: "Many, many thanks to the curriculum committee for all of their hard work getting things up and running for the first session of our "Class of 2010". Tony Russell was a very smooth emcee for the evening. Cindy Westly, with the help of CJ Arban and Mary Lee Epps, had the notebooks ready to go as well as a pile of other resources. In spite of angst over delivery of the "Eastern Forests" field guide, there were plenty. Ann Dunn was there taking checks and handing out receipts. Carol Lawson and her husband were making sure there were pictures for Teri Keffer to put in the archives... and she was present to record the event! Bill Feeney, Dede Smith, and Cindy Westly were there early setting things up and adding to the presentations of the evening. Jackie Heath not only welcomed each student and introduced herself, but she also furnished delicious refreshments. I was pleased to assist; and when Tony and I left, the place was spic and span!!

And the new class... Oh, my, they are a bunch of eager beavers. All were very excited to be there and attentive to every word. We have some wonderful educators as well as lifetime lovers of the out of doors. Each has something to contribute to the Rivanna Master Naturalists and will be welcome additions to our volunteer corps."

Here's some information. The topics for each class are posted on the web site.

TIME AND LOCATION: Classroom sessions are held in the Education Center at the [Ivy Creek Natural Area](#). Class starts promptly at 6:30 so please come a little early.

SNOW POLICY: Surely we won't get more.... but if we do, class is canceled if Piedmont Virginia

Community College cancels night classes. Or check the website. If all else fails, call Jackie Heath at 293-5422

Ralph Hall, with copies from Dede's e-mail and photos from Carol Lawson



RMN Volunteer Hours

This is as of January 12th.

Chapter members who submitted 2009 volunteer hours - 48

Total administrative hours - 852 hrs from 24 members (50% of active membership helps run the chapter in some way)

Total non-administrative volunteer hours - 3181 hrs. from 48 members

Education - 1628 hrs. across 12 projects from 39 members

Citizen Science - 1191 hrs. across 10 projects from 39 members

Stewardship - 362 hrs. across 8 projects from 33 members

Advanced training hours - 1559 hrs. from 49 members

Altogether, since the Rivanna Chapter's founding in 2006 our chapter has logged almost 9000 volunteer hours (projects plus administrative tasks.)

Susan Pleiss



VNPS Details

Free and open to the public. Meet in the Education Building.

Wednesday, March 10, 7:30 pm

Hear Tom Dierauf, retired VA Dept. of Forestry Research Forester and longstanding VNPS member speak about the Inventory of Plants now underway at the Ivy Creek Natural Area.

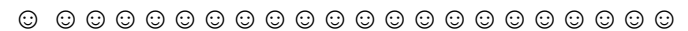
Wednesday, April 14, 7:30 pm

Come hear Chris Asaro, Forest Health Specialist, Virginia Department of Forestry inform us about the threat posed by insect pests at the monthly meeting of the Jefferson Chapter.

Wednesday, May 12, 7:30 pm

Hear Mike Hayslett, Naturalist-in-Residence, Sweet Briar College speak about native plants supporting wildlife at the monthly meeting of the Jefferson Chapter.

From ICNA web site



Monticello Bird Club Meetings

All [Monticello Bird Club](#) meetings are free and open to the public. Meet in the Education Building.

Thursday, March 11, 7:00 pm

Come enjoy Andrew Dolby's presentation on our local bird club's parent organization, the Virginia Society of Ornithology—its field trips, programs, and research—and also information about bird calls, nests, and winter adaptations. Also get details about upcoming bird walks and field trips.

Thursday, April 8, 7:00 pm

Come see and hear Daphne Gemmill's slide presentation on the Flora and Fauna of our National Forests. This is based on an American Birding Association publication, *Birding in Forty National Forests and Grasslands*, which she edited.

Thursday, May 13, 7:00 pm

Join us for a special night as members present their own pictures and videos.

from ICNA web site



BioBlitz May 1

(Below is a description and an application – Editor's note: application not included herein, on request -- for participation in a Bioblitz which is scheduled for May 1st at the new county park, Byrom Park. This is a beautiful area in our county and the project falls under a RMN approved project of inventorying county parks. – Dorothy Tompkins)

This prelude is from Phil Stokes via MaryLee Epps with editing by Ida Swenson

The Albemarle Co. Natural Heritage Committee (of which I'm a member) in partnership with the Albemarle County Parks and Recreation is planning a May 1 Bioblitz on donated land approved last year as the Byrom Forest Preserve Park totaling 600 acres making it the county's largest park. It won't be open to the public until parking and trail access completed. The Bioblitz will be

well before the public opening and will provide helpful information planning the park.

Event description:

what: Natural and Cultural History Inventory of Patricia Ann Byrom – Forest Preserve Park

who: professional and amateur naturalists, scientists, and historians

when: April 24 for Rivanna Master Naturalists and invited guests only, May 1, 2010 for general public [Time will be flexible in order to meet the needs of participants.]

why: The purpose of the event is to bring together local talents to identify uncommon or special species, habitats, or sites with important human use or cultural history for protection and management as part of the planning process being conducted by the Albemarle County Parks & Recreation Department. The Blitz may serve as a model for future park planning and management.

where: Patricia Ann Byrom – Forest Preserve Park in White Hall, Albemarle County, Virginia. Park is located on Route 810. Maps will be sent to participants.

more information:

Saturday, April 24 Contact Ida Swenson, idathefriz@gmail.com or 434-589-2777

Saturday, May 1 date, contact Diana Foster / email dfoster@newventure.com / telephone 434-964-1022

General description of the park:

In 2004 Robert Byrom donated 600 acres of land to Albemarle County in honor of his wife, Patricia. In 2008, the Board of Supervisors approved creation of the Patricia Ann Byrom – Forest Preserve Park. This beautiful, steep, mountainous land is located in northwestern Albemarle County and abuts several large private landholdings and, via a small segment of land, Shenandoah National Park. Located within the park’s boundaries are forests, streams, rock outcrops, and various signs of human impact such as old logging roads and foundations of homesteads and outbuildings. The County’s Parks and Recreation Department is currently overseeing planning regarding future recreation, park and recreation management, and natural resource protection.



Blogging with MNs

I just wanted to remind you that we have a Virginia Master Naturalist blog at <http://virginiamasternaturalist.blogspot.com/>. I experimented

with it last year, and then didn’t post to it, but I am back to posting at least once a week. I generally try to include information on natural history topics, project opportunities, or advanced training that would be of interest to our volunteers while at the same time highlighting the accomplishments of our chapters and members. I always welcome suggestions for topics, too. Please invite your members to take a look, and maybe become followers!

And don't forget that we have a facebook page. Just do a search on "Rivanna Master Naturalists" and ask to be a member. (As of now it is restricted to members including those in training, but honestly, nobody else has asked me to join.) All members can post, so we can use it for a local blog, too.

Michelle Prysby & Ida Swenson



Clean the Bay Project

The annual Clean the Bay Day sponsored by The Nature Conservancy (TNC) and the Chesapeake Bay Foundation (CBF) will take place on Saturday, June 5th. The Master Naturalists will have a Clean the Bay Day clean-up site we’ll be responsible for.

As an aside, I believe this may be the same day as National Trails Day primarily sponsored locally by the Rivanna Trails Foundation (RTF) and/or Rivanna Conservation Society (RCS). As these two initiatives somewhat complement each other, I’m anticipating there may be opportunities to provide for a greater level of coordination among the sponsoring agencies.

Tex Weaver



Forestry Webinars

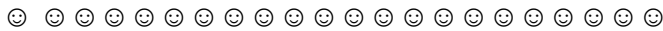
There aren't may webinars which qualify for advanced training, but these offered by the Department of Forestry do qualify for advanced training. If you own or are responsible for any substantial amount of forest from an acre to thousands, these programs are for you.

- ☺ March 2, 9, 16, 23 & 30, 6:00. [I Own a Farm, Now What? A Workshop for Small or Beginning Farmers.](#) Rocky Mount. \$15/person; \$25/couple

- ☺ March 12. 9:00 – 4:00. [Cruisin Through the Woods Part I: Estimating Timber Volumes.](#)
Ottobine. \$25 (or \$35 for both Part I & II)
- ☺ March 19. 9:00 – 4:00. [Cruisin Through the Woods Part II: Using GPS for Navigation.](#)
Ottobine. \$25 (or \$35 for both Part I & II)

Bundle up and join us!

Jennifer Gagnon, foreword by Ida



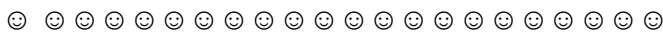
Preddy Creek

The next workday is scheduled for March 6th from 9am-12noon. Let's hope for better weather next time so we can get back in the trail building groove! Please help spread the word to those who may not be on this list. Hope to see everyone in early March when spring will be just around the corner.

Directions to Preddy Creek: (takes approximately 1/2 hour from C-Ville, feel free to call my cell at 981-7130 if you get lost)

1. Take 29north toward Ruckersville
2. Turn right onto Burnley Station Road which is 4 miles beyond Airport Road
3. Follow Burnley Station Road for 2.2 miles and we will be meeting in the field on the left

Tucker J. Rollins



Trail Maintenance

Help needed cleaning trails at Scheier Natural Area, April 11, 9 to pizza! This should be covered under the Rivanna Conservation Stewardship Project Proposal. It is 'chain saw justification day'. FYI- there will probably be lots of trail cleanup projects this year.

Trail Maintenance Day

Sunday, April 11, 2010, 9am-11am

Sponsored by the Friends of Scheier

After this long, hard, winter...Come help us clean up the trails at the Scheier Natural Area. Please bring gloves and muscle power!

Pizza and drinks provided for workers...everyone invited...

Bring the kids and enjoy a spring day in the woods.

SCHEIER NATURAL AREA

917 LONG ACRE ROAD

Palmyra, VA 22963

PLEASE RSVP to Jackie Brown at (434) 286-4966 or jacquebrown@embarqmail.com

For more information on RCS contact call (434) 97-RIVER or email rcs@rivannariver.org

FROM CHARLOTTESVILLE

Take Rt. 64 East to Exit 136. Take Rt. 15 South toward Palmyra and Fork Union

Go through the town of Palmyra and go over the bridge that spans the Rivanna River. Continue on Rt. 15. Turn right on Rt. 640 (Haden Martin). Turn right onto Rt. 639 Long Acre Road (approximately 5 miles to Scheier Natural Area on the right). OR

FROM CHARLOTTESVILLE

Take Rt. 20 South. Turn left onto Rt. 53 East (past Monticello). Bear right onto Rt.795 (past Ashlawn)

Sharp left curve onto Rolling Road. Follow Rolling Road through Albemarle County into Fluvanna County.

When signs indicate that you have entered Fluvanna County, continue approximately 4 miles. Turn left onto 639 Long Acre Road. Scheier Natural Area is about 1 mile on left.



Did You Know?

... that white-tailed deer were hunted to near extinction in the early 1900's, until the govt. saved the species by instigating a regulated hunting season.

... that in 1938, the piedmont and mountain areas of Virginia still had no significant number of w.t. deer, and that they are still scarce today in Southwest Virginia.

... that deer can jump 7' from a stand-still

... that the 2nd week of Nov. statistically shows the highest deer kill by vehicle (be careful out there!)

... that while salicylic acid (aspirin ingredient) is found in willow tree bark, it is also being found in the air around the willows within a stressed forest. It is now being researched as a stress pheromone, a possible form of communication to other trees.

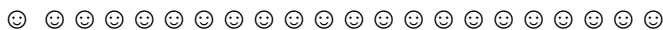
... that oaks support 534 Lepidoptera species (moths and butterflies), and that's only one of many Orders!

BUT, they can still get stuck in the snow.



We may find some frozen venison when some of the snow melts.

From 2009 Conference, but with added picture and comment by your editor.



Winter Exercise

What does a master naturalist do in the winter? We all need to stay in shape in order to enjoy the outdoors when the warmer weather arrives. In our younger days, my wife and I would go sledding. Some of you are young enough to do this. If not, you can still enjoy this tale.

Growing up in Oklahoma, I had only sledded once in my life and never owned a sled. In the 70s and 80s while living in NJ, I had ample opportunity to learn about this strenuous and exciting practice from my NJ wife. We still have 3 sleds stored away here.

One of our first sledding outings was to nearby Lewis-Morris Park in Morris Twp, NJ. We had taken our big sled to the park and approached the sledding hill. The hill was so steep that kids were using a rope at the side to pull themselves back up (hand over hand; the rope didn't move). The hill was also a little bumpy. A kid came down as we were approaching, hit the bumps, and EVERY slat flew off his sled. The steering arm turned sideways and popped him in the stomach. He laid there almost like dead. He finally got up and walked off, but that showed us what we were up against.

The kids were very envious of this 30-year-old couple that day. I'd lie on the sled, and CJ would give it a nudge and then jump on my back. We went roaring down the hill. Enabled by our double weight and gravity, we got a mighty hurl down the hill. We went faster and farther than any of the kids. We ended up in the deeper snow that had not yet been packed down by the kids' sleds.

In later sledding trips, we stayed closer to home as we found our driveway and even the road up to our house--when the snow was too deep for them to plow quickly like it was here recently--were quite formidable sledding hills. Here's a picture of the steep driveway from our house (two pictures pieced together--the one on the left showing the cul-de-sac).



Being a skilled sledder by this time, I could steer it into a hard right at the base of the driveway, avoiding the neighbor's mailbox and curb on the other side, rocket onto the cul-de-sac and often bounce off the end into the field.

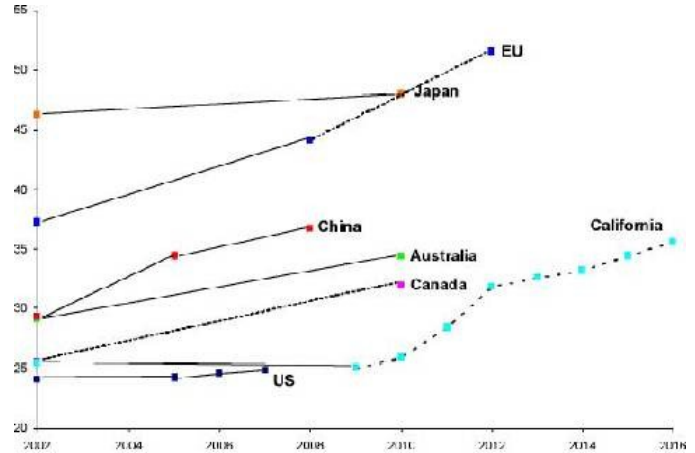
Here's that big sled that the kids so envied at Lewis-Morris.



have, about 32 years (probably near Rose’s age). My wife and I were driving a 1983 240D until November, 2009 when we bought a 2010 VW Jetta TDI (turbocharged direct injection) diesel. This TDI is a revelation. It runs quietly, starts like a gasoline engine and has gobs of power. We took a trip to Columbus, OH in November. It went up EVERY WVa mountain at constant speed in 6th gear. We BOTH love this TDI. The other 2 vehicles are definitely spending more time garaged.

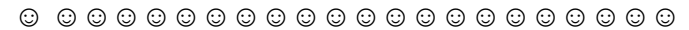
One thing the ME article doesn’t mention about why diesels are greener is that turbo diesels have **50%** higher fuel efficiency than non-turbo gasoline engines. One can make many comparisons to European cars showing this, and our own experience backs this up: We rented a gasoline Jetta in April of 2008 to return from Columbus, only 27 mpg vs. 42 mpg on the TDI on the same trip in November of 2009 (I’ve heard of 33 vs. 49 on this pair as well, still 50% higher for the TDI). This is the same difference that we engineers found in comparing our car fleet in the 1980s. Diesels were 50% more fuel efficient than carbureted gasoline engines then, e.g. 45 ton-mpg vs. 30 ton-mpg (mpg for a car of one ton weight). Fuel injection and computerization have improved gasoline engines’ efficiency around 40%, but the same computer technology plus turbo charging gets the diesel advantage back to 50% over non turbo gasoline engines. (About 30% for turbo vs. turbo)

I encourage all master naturalists to select hybrid or diesel vehicles to stand out in the population. We need to do something, as **our nation is very fuel hoggish**, as shown by the plot below on car fuel economy standards for various nations converted to the US CAFÉ (corporate average fuel economy) cycle. If your trips are mainly 6-10 miles or greater, the new clean diesels will likely beat a hybrid on fuel economy. For shorter trips or in town, the hybrid will be the best. (Our experience is that in the county we tend to get mileage equal to or above the “highway” EPA [environmental protection agency] value; so our driving averages out to be more like highway driving.)



The “x” axis above is years, starting with 2002 with 2-year increments. The dotted line starting 2009 for California is proposed. This information is in www.pewclimate.org/docUploads/Fuel%20Economy%20and%20GHG%20Standards_010605_110719.pdf Now, if only SOMEONE would give me a hybrid or small diesel pickup to replace my 26 mpg hoggish Tacoma. (A TDI would increase this to 39!)

Ralph Hall



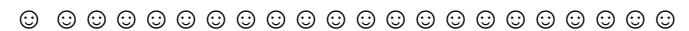
Bat WNS Disease

Here are some updates on White Nose Syndrome (WNS). Please pass this along to others who might be interested.

The USGS National Wildlife Health Center (NWHC) continues to investigate bat white-nose syndrome (WNS) <http://www.fws.gov/northeast/whitenose/PDF/WHB2009-03WNSFinal.pdf>

WNS found in France http://www.fws.gov/northeast/white_nose.html

Carol Zokaites, Karst Education Coordinator, DCR - Virginia Karst Program, Suite 102, 8 Radford Street, Christiansburg, VA 24073, 540-394-2553, Carol.Zokaites@dcr.virginia.gov



Deadline for items to be included in the newsletter is the **26th of the month before the next quarter (June)**. Please submit any announcements or articles of interest to be included in the next issue to *Rivanna Naturalist Notes* Editor, Ralph Hall, preferably by [e-mail](#), by facsimile 434-297-1963 or by USPS mail to 420 Ivy Farm Drive, Charlottesville, VA 22901-8841.

Don't miss the acclaimed...

Spring Pools Institute

*An advanced field workshop exploring
the ecology & conservation of seasonal
wetlands and their unique wildlife*

March 24-27, 2010

**Sweet Briar College
(Amherst County, Virginia)**

*Night forays *wide variety of wetlands
*3 bio-regions *7 obligate species
\$200 per person registration fee

FMIC: **Mike Hayslett, Instructor**
Biology Department @ 434-381-6439
or by e-mail: mhayslett@sbcc.edu