



# Nature Notes

Call the Nature Line 314-935-8432 for meeting times & bird sightings

[www.wgnss.org](http://www.wgnss.org)

Journal of Webster Groves Nature Study Society

May 2004 Vol. 76, No. 5

## Spring Banquet in Webster

Pat McCormick

Join us in mid-May at the 84<sup>th</sup> annual Spring Banquet at Eden Seminary Commons, Lockwood and Bompart Ave. in Webster Groves. The social hour will begin at 5:45 PM. Come meet Debra Shearwater, our featured speaker and provider of spectacular pelagic bird and marine mammal expeditions in Monterey Bay, Calif. Her videos will be on sale along with beautiful new bird photo cards by Margie Terpstra and our own Birds of the St. Louis Area, revised edition. During the program, we'll present a well-deserved Lifetime Achievement Award to a member who has given outstanding service and dedication to nature.

Anne McCormack will have your native plant order assembled for delivery at the banquet. Hendri's will cater the event. Parking is available on the Seminary Grounds. Enter the parking lot from

Bompart Ave. 

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## President's Corner

Yvonne Homeyer

At the April meeting, the slate of officers was unanimously elected to serve a two-year term. Dr. David Mendelson will join the Board as WGNSS's new 1<sup>st</sup> Vice President in charge of programs and I will serve a second term as President. The Board will fill a vacancy for 2<sup>nd</sup> Vice President in charge of special events (Banquet, holiday party). On behalf of every member in WGNSS, I want to thank Pat McCormick for her outstanding service as a Board member. Our Bylaws did not allow her to run for a third term. In addition to her duties as 2<sup>nd</sup> VP, Pat volunteered for numerous committees and projects, including the Scholarship Committee, the Nominating Committee, and Heritage Night in 2003. I also want to thank Mike Flieg, who has spent the last two years on the Board doing double duty as 1<sup>st</sup> VP and as Educational/ Scholarships Chairperson. Mike will remain on the Board in his capacity as Educational Chairperson. For the last two years, every program you have attended was planned by Mike and his last speaker is one we will surely remember and talk about for a long time, Debi Shearwater.

Debi Shearwater will be our keynote speaker at the Annual Banquet on Thursday, May 13 (see Pat's article p. 3 about reservations). Debi is a nationally known pelagic birding expert from Monterey

Bay, Calif. Her slide show will focus on pelagic birds and marine mammals. Debi's talk will follow a delicious meal prepared by Hendri's Catering and the presentation of the Lifetime Achievement Award to a WGNSS member whose name will be announced that evening. We're keeping you in suspense until then. Also at the banquet you can pick up your wild-flower order, buy Debi Shearwater's video, purchase WGNSS's book, *The Birds of the St. Louis Area*, at the discounted price of \$12, and buy notecards made by Margy Terpstra, who will donate a portion of her sales to WGNSS. This is our most festive occasion of the year, so we hope to see lots of you there! ☺

## Dates for '04 Meetings

All of these (except May) are 1<sup>st</sup> Thursday:

May 13, Annual Spring Banquet at Eden Seminary in Webster

Sept. 2 St. L. Co. Library -HQ 7:00 PM

Oct. 7 St. L. Co. Library -HQ 7:00 PM

Nov. 4 St. L. Co. Library -HQ 7:00 PM

## Scudder Scholars 2004

Mike Flieg

The Scholarship Committee has made the following selections from applicants for the Scudder and Menke Scholarships:

Teresa Patricia Feria has been awarded the Scudder for "Modeling the Ecological Niche of Endemic Species in the Balsas Basin, Mexico: An Evaluation of Four Methods."

Two Menke Scholarships were awarded: Rachel Katz \$1000 for "The Effects of Burning Versus Mowing of Conservation Reserve Program (CRP) Fields on Ground-nesting Grassland Birds, their Potential Prey, and Nest Depredation in Northeast Missouri," and Nicholas Lang for "Assessment of Habitat, Land Use, and Demographic Factors on the Contemporary Abundance and Distribution of *Notropis heterolepis* (Blacknose Shiner minnow) in the Loutre River Basin, Mo." For a summary of the history of WGNSS scholarships, see Mike's article, "WGNSS Scholarships

Awarded Since Their Inceptions," on p. 12. ☺

## Historian's Corner

Jim Adams

Here are a few updates on the print contributions of our WGNSS members:

Beverly Letchworth's recently published book, *Leafbird Days and Firefly Nights: Personal Renewal Through Nature Journaling*, Pen Central Press, has been reported in *Nature Notes*. In the April, 2004, issue of *Missouri Conservationist*, she wrote "Roadside Raptors." The article, with photos by Jim Rathert, discusses birds that use the highways as hunting grounds. Clarence A. Zacher, continued from the March 2004 *Nature Notes*

Because Clarence's publication list is lengthy, and the subject matter not included in any of WGNSS's current areas of interest, I'm listing only one title for each five-year period plus data on the total number of publication in each period. Hopefully, this list will give the flavor of Clarence's outstanding contribution to the literature of atmospheric science.

1968-73 (1 publications)

"Geographic Study of Lightning Discharge:

Type Variation in the United States." Unpublished masters Thesis, St. Louis University, 1968.

1974-79 (3 publications)

"The Striking Effect of Lightning: Further Evidence for Geographic Dissimilarities."

*Trans. Missouri Academy Science* 8, 316, 1974.

1980-85 (5 publications)

"Some Problems in Assessing Contrail Cirrus Effect from the Ambient Atmospheric Environment." *Illinois State Academy Science Abstracts*, 1982, 24.

1986-91 (11 publications)

"Anticipatory Triggering for a Lighting Camera: Identification of a Positive Polarity Flash." *Trans. Missouri Academy Science* 28, 85, 1986.

1992-97 (6 publications)

"The CG Discharge and Physical Processes Upon Impact Revealed in a Rare Fulgurite of Ash from Charred Heartwood." *Trans. Missouri Academy Science* 31, 55, 1997.

1998-2003 (7 publications)

"Coincident Sun Pillar and *Perlucidus* Cloud Optics under the Midnight Sun, Anchorage, AK." *Trans. Missouri Academy Science* 33, 29,

1999. ☺

Spring Banquet

May 13

Eden Seminary Commons

in Webster Groves



Our annual banquet takes place in mid-spring this year and celebrates the return of birds and butterflies. The plant sale will begin at 5:45 along with a social hour. A buffet dinner by Hendri's Catering begins at 6:45 with a slide presentation by Debra Shearwater at 8 PM. Please order your tickers using the form printed below by May 5. Send your reservation with a check made out to WGNSS for \$21 per person.

*Refund policy:* A full refund of your banquet ticket cost of \$21 will be given if requested before May 5. After May 5, no refunds can be made. Plant orders can be cancelled before April 15. Contact Pat McCormick.

5:45 social and plant sale

6:45 dinner buffet

8:00 Debra Shearwater, speaker

Reservations by Wednesday May 5

Make checks payable to WGNSS

Cost: \$21 per person

Your check will confirm your reservation.

Tear off the slip on this page & send with your name & address to:

Pat McCormick

1338 Eaglebrooke Ct.

Ballwin, MO 63021

Reservations due 5/5.

Spring Banquet reservations for \_\_\_\_\_ persons @ \$21 per person = \_\_\_\_\_

Name \_\_\_\_\_

Name \_\_\_\_\_

## Beetle Bits: Hunting the Elusive "Hibiscus Jewel Beetle"

Ted C. MacRae

To many people, entomologists are an odd lot. Mention the term "insect collector" and they immediately call to mind the familiar caricature of an eccentric, bespectacled, professorial type gaily flitting through a meadow in single-minded pursuit of a rare beauty – butterfly net in one hand and jar of ether in the other. As an avid collector myself, I'm a little uncomfortable with this stereotype – not because of the rather nerdy image portrayed, but because it makes insect collectors seem so... 'philatelic.' In essence, we are but dork versions of big game hunters – obsessed with acquiring "trophies" for our collections, yet lacking the physical and mental fortitude possessed by those able to confront large, angry mammals. Of course, there are more than a few insect collectors who do so purely for the joy of building a collection. For myself, however, as well as most other collectors with whom I've become acquainted, it's not really the specimens themselves that make a collection valuable, but rather the scientific information that those specimens represent. Advancing our knowledge of insects by documenting their occurrence, host plants, variation, etc., is the real excitement, even if the specimens themselves aren't all that showy. Of course, learning something new about a species that is also striking in appearance is even more exciting.

While the beetle groups that I study (long-horned and jewel beetles) are generally regarded as showy, the truth is that vastly more species in these groups are not eye-catching at all. This is particularly true of a very large genus of jewel beetles called *Agrilus*. With nearly 3,000 species described thus far (and perhaps at least that many awaiting description), this may well be the largest genus in the entire animal kingdom. Most species of *Agrilus* are small and fairly uniform in appearance, making them difficult to distinguish from one another without careful study. As a result, the members of this genus have not received the same attention given to other members of the family, and much remains to be learned about their distributions, host plants, and habits. Indeed, new species continue to be discovered right here in

Missouri (see my article in the April 2004 issue of *Nature Notes*).

For many years, one of the rarest and least known species in the genus was *Agrilus concinnus*. Although it was originally discovered in Florida back in 1891, precious few additional specimens were collected over the next 100 years. By the time I began my studies in the 1980s, Georgia and Texas were the only additional states from which the species had been found. Nothing at all was known about its biology or host plants. Unlike most other species in the genus, however, *A. concinnus* is a relatively large and quite handsome species – its coppery red pronotum (neck) with two iridescent, golden stripes running down jet black elytra (wing covers) certainly make it worthy of the name 'jewel beetle'. I first encountered this species in 1987 at Otter Slough Conservation Area in the Missouri bootheel. This area contains some of the state's best remnants of wet bottomland forest and natural sloughs and had become one of my favorite haunts for beetle collecting. On this particular occasion, I found a mating pair sitting on low lying vegetation as I walked along an old 2-track next to one of the sloughs. Of course, their beauty generated much excitement when I found them, and I became even more excited when I later realized their rarity and that they represented a new record for Missouri. Unfortunately, the specimens offered little clue as to the identity of their host plant – or so I thought.

I returned to this location many times over the next several years. However, I never encountered *A. concinnus* again until a few years ago, when I saw a specimen sitting on the leaf of *Hibiscus lasiocarpus*. It immediately took flight when I saw it, and without thinking I began running through the thick growth after it. I kept it in my sights as it flew – all the while managing to avoid the stinging nettles, knee-deep water, and cottonmouths that are abundant here. At last, it landed on another *Hibiscus* plant, and I instantly froze – gaze fixed on the beetle. I cautiously approached to within net handle reach, and with a forceful, assertive swing netted the beetle. That was the only specimen I saw that day, but the real success was that I finally had a clue about its host plant – *Hibiscus*.

After I found the first Missouri specimens of *A. concinnus*, I visited the University of Kansas insect collection, in which I found four unidentified specimens of *A. concinnus* from a spot in southeastern Kansas. Also, during that time, a colleague (Dr. Gayle Nelson) had reported a specimen from Illinois in the collection at the Illinois Natural History Survey. These findings suggested that the beetle was more broadly distributed than previously thought and gave further support to the idea that this beetle was somehow associated with the genus *Hibiscus* (the Illinois specimen bore a label stating that it had been collected on *Hibiscus moscheutos*). My multiple captures of this beetle at Otter Slough piqued the interest of Gayle, for although he is perhaps the country's leading jewel beetle expert, the above museum specimens were the only ones that he had ever encountered. I told him of my suspicions regarding the beetle's association with *Hibiscus*, that all my specimens had been collected in late June or early July, and gave him specific locality data for the specimens I had collected or seen.

Last June, Gayle (who lives near Kansas City) went to the southeastern Kansas location and found a good stand of another species of *Hibiscus* (*H. laevis*), but no beetles. Smart man that he is, though, he dug up one of the plants, brought it back and placed it in a rearing container. About a month later, he called to tell me that a single adult *A. concinnus* had emerged from the plant, after which he had gone back to the Kansas location and, this time, observed a fair number of beetles on the *Hibiscus* plants. There is now no question that the beetle utilizes *Hibiscus* for larval development, but what was surprising was that it was now late July. With the exception of a few species that mine the leaves of sedges, jewel beetles in most parts of the country are active only during spring or early summer. I had never gone to Otter Slough during late July, so the following weekend, Rich Thoma and I blasted down to the bootheel to see if, indeed, it occurred in southeastern Missouri this late in the season. We stopped at several spots where we saw *Hibiscus* plants growing, but alas, no beetles were observed. I was beginning to question the 'late season' hypothesis. Finally, we arrived at Otter Slough and started looking around. Within

minutes, Rich called over to me and says, "Hey, what does your beetle look like?" I describe it to him, and he says, "Well, you might want to look at this." He brings it over, and it is *A. concinnus*! A few minutes later I see one, and during the next hour or so we observed more than a dozen specimens. The beetles were nearly always observed sitting on the upper surface of the leaves – never hiding on the stems or lower leaf surfaces, and several mating pairs were found. Two weeks later I traveled to Kansas City to meet up with Gayle, and together we traveled to the Kansas spot. As it was now early August, I didn't know if we would still see the beetle, but my question was quickly answered as soon as we arrived. Within minutes I saw a beetle sitting on a *Hibiscus* leaf, and during the next couple of hours we observed dozens of specimens. They were far more abundant than Gayle had observed earlier in July. It was now apparent to us that the few specimens I had encountered in previous years were taken at the very beginning of the adult emergence period, and that peak adult emergence for this beetle actually occurs much later in the season.

Thus, *Agrilus concinnus* is no longer one of North America's rarest and least known beetles. In fact, it was never rare to begin with – we just didn't know how to encounter it. I suspect that the beetle can be found on *Hibiscus* in natural wetlands throughout the eastern United States. Preserving these habitats should go a long way towards ensuring the long term survival of this exquisitely beautiful insect. ♪

## Call the Nature Line!

Call 314-935-8432 for a summary of the latest bird sightings in the St. Louis area and dates & times of WGNSS events. Please report any unusual birds to Sherry McCowan, 314-664-2381 and press "3" or wait for the prompt. You can also leave a message at the end of the Nature

Line recording. ♪

# International Migratory Bird Week Celebration

May 2 – 9, 2004

The following is a listing of the special events around the St. Louis area in conjunction with International Migratory Bird Week. Some of the programs require reservations. All programs are free. Bring binoculars to bird walks, wear comfortable walking shoes, and dress for spring weather conditions. Walks are geared at all experience levels, and beginning birders are especially encouraged to attend.

## Sunday, May 2

Birding In Tower Grove Park

8:00 AM WGNSS Tower Grove Park is known as one of the best migratory stop-over sites in the St. Louis area. Meet at the Gaddy Bird Garden at the NW corner of the park. Call Kent Lannert at 618-624-4464 for more information. All ages and beginners welcome.

## Wednesday, May 5

7:00 to 8:30 PM

Spring Birding Festival at Powder Valley Nature Center, MO Dept. of Conservation and St. Louis Audubon Society

Join us for this special program. We will share a superb video providing extreme closeup views and sounds of many beautiful birds. Handouts will be available, and upcoming bird walks announced. No reservations required.

## Thursday, May 6

Bird Walk at the Green Center

8:30 AM The Green Center

The bird walk will explore The Green Center's demonstration gardens, half-acre prairie, a restored wetland, and Ruth Park Woods. Meet in front of the Center at 8025 Blackberry Ave. 63130. Park in front of Kaufman Park's tennis courts. To register contact The Green Center at [info@thegreencenter.org](mailto:info@thegreencenter.org), or call Dianne Benjamin, Program Director, 314-725-8314. Ages 10 and older recommended.

## Friday, May 7

Bird Walk at Castlewood State Park

8:00 AM Mo. Dept Of Natural Resources

Come explore the meadows and bottomland forest along the Meramec River and Keifer

Creek. Meet in the parking lot next to the visitor center. For more information, contact Mike Brady at 636-391-7631.

## Saturday, May 8

Migratory Bird Discovery Day

Powder Valley Nature Center St. L Audubon  
10:00 AM – 2:30 PM

Family activities and demonstrations will feature how to identify birds, a bird walk, and a take-home bird feeding "station" project (it's not the traditional bird feeder!) No reservations required. Program will begin at 10:00 AM and the same program will be repeated at 12:30. Details, call Sharon Nickl, 636-391-8751.

## Saturday, May 8

North American Migration Count

Every year on the 2<sup>nd</sup> Saturday of May, Partners in Flight sponsors the North American Migration Count. The goal is to monitor neotropical migrant birds for trends in population, range, and migratory patterns. Our goal is to cover as many locations as possible. For more information, contact the compiler: for St. Louis City, Yvonne Homeyer – 314-963-7750, St. L Co., Zoe Geist – 636-467-5030, or St. Charles Co., Paul Bauer – 314-921-3972.

## Saturday, May 8

Birding at Tower Grove Park

7:30 AM St. Louis Audubon

Meet at the Gaddy Bird Garden in the northwest corner of the park. Contact John Solodar at 314-862-5294 for more information.

## Sunday, May 9

Birding at Kennedy Woods

8:00 AM WGNSS

Kennedy Woods in Forest Park is one of the best places in the area to observe warblers and other spring migrants. Meet at the trailhead off of Wells Drive, west of the south zoo entrance. Contact Randy Korotev at 314-993-0055 for more information. All ages welcome.

For information on Bird Week Events, call Sue Gustafson at 314-968-8128

For information on bird walks, call John Solodar at 314-862-5294 or visit [www.stlouisaudubon.org](http://www.stlouisaudubon.org)

or Kent Lannert: 618-624-4464. visit

[www.wgnss.org](http://www.wgnss.org) 22

# March 2004 Bird Report

Jim Ziebol & Yvonne Homeyer

BCA = Busch Wildlife Area  
 CL = Carlyle Lake  
 CSP = Castlewood State Park  
 FP = Forest Park  
 HL = Horseshoe Lake  
 LVT = Lost Valley Trail  
 MTC = Marais Temps Clair  
 REDA = Riverlands Environmental Demonstration Area  
 SNR = Shaw Nature Reserve (Arboretum)  
 TGP = Tower Grove Park

## Early Arrival Dates:

2/26	Pine Warbler	Rockwoods	CM
2/28	Tree Swallow	REDA	JE
3/1	Blue-winged Teal	Indian Lake	JZ
3/6	Goshawk	Weldon Springs CA	DB,
	Sat. Group		
3/9	Rusty Blackbird	TGP	JZ
3/13	Fish Crow	CSP	G&TB
3/14	Great Egret	HL	FH
	Purple Martin	HL	FH
3/19	Pectoral Sandpiper	REDA	JU
	Bonaparte's Gulls	REDA	JU, DB
3/20	Common Loon	Creve Coeur Lake	DB
	Winter Wren	REDA	G&TB
	B&W Warbler	CSP	MB
	Louisiana Waterthrush	CSP	MB
	Vesper Sparrow	St. Charles Co.	
		DB	
	Vesper Sparrow	CSP/Chub Trail	MB
3/21	Hermit Thrush	Rockwoods	MT
3/23	Chipping Sparrow	Tilles Park	YH

**Sightings:** A Common Loon in breeding plumage was seen at Creve Coeur Lake on 3/26 (J&CM). Horned Grebes were seen in low numbers including 1 at REDA on 3/6 (MA), 1 at Creve Coeur Lake on 3/13 (CA, T Bo) and 3 at REDA on 3/26 (DR). By 3/12, thousands of Pelicans were being reported at REDA (J Moe, m. ob.) and on 3/27, 400+ were seen at Dresser Island (JS). The first Yellow-crowned Night Heron was seen near Granite City on 3/24 (FH). By 3/28, 8 Little Blue Herons were found in the HL area (FH, JZ), 4 were present at Indian Lake (CA, T Bo) and 25 were counted at Indian Lake on 3/30 (T Be). Both Snowy and Cattle Egrets arrived at HL on 3/31 and Frank Holmes reports that 3/31 was his earliest date ever for Snowy Egret. Brien and Alex Meilleur

**Introduction:** By 3/21, 90% of the gulls and ducks had migrated out. An additional detail about the Rufous Hummingbird seen at Chip & Suze Tynan's house: they observed it flipping leaves in search of insects and actively harassing a falcon species in their yard. Pete Winter mentions in his book Dawn Chorus that he and his wife were present in Mexico during the great Monarch die-off in the winter of 2002. He commented that the area smelled like death. The Monarchs had another poor winter this year and experts predict further crises are likely to occur as a result of the thinning of the forest canopy due to illegal logging.

3/24	Yellow-crowned		near Granite City
	FH		
	Night Heron		
3/26	Osprey	Hideaway Harbor	RAB,
	JC, Th. Group		
	Greater Yellowlegs	St. Charles Co.	
	DR		
3/27	Barn Swallow	BCA	JZ, YH
	Little Blue Heron		Cahokia Mounds
	MM		
	Yellow-throated	Rockwoods	J&CM
	Warbler		
3/28	Henslow's Sparrow	CSP	MB
	Blue-gray Gnatcatcher	CSP	MB
	N. Rough-winged	CSP	MB
	Swallow		
	Loggerhead Shrike	Weldon Springs	
	JU, JM		
	Great-tailed Grackle	TGP	CA, T
	Bo		
3/30	Snowy Egret	HL	FH
	Cattle Egret	HL	FH

observed hundreds of Snow Geese and 1 Ross's Goose on 3/7 at BCA. Another Ross's Goose was found at HL on 3/16 (FH). Jim Ziebol counted 41 Buffleheads at HL on 3/18. Am. Golden Plovers were reported in poor numbers including a sighting at REDA on 3/20 (WK), 70 in St. Charles Co. on 3/26 (DR) and 6 at HL on 3/28 (FH, JZ). Lesser Yellowlegs were first reported from the Granite City area on 3/22 (FH). Greater Yellowlegs sightings included 6 in St. Charles Co. on 3/26 (DR), 1 at HL on 3/28 (FH) and 2 near HL on 3/29 (SM). Pectoral Sandpipers sightings included a few at LCCL on 3/20 (DB, Sat. Group), 8 near Granite City on 3/23 (FH) and a small number at REDA on 3/24 (WK). The shorebird migration in March was very slow.

Jackie Chain and the Th. Group found 3 Black Vultures and 15 Turkey Vultures at Rocky Ridge Ranch on 3/4. An apparent Goshawk was observed at Weldon Springs CA on 3/36 (DB, Sat. Group). On 3/20, Mark Mittleman found a Sharp-shinned Hawk at TGP. Nesting Cooper's Hawks were reported in March from Wilson Park, Granite City (FH), TGP (SM) and CSP (MB). A possible light-phase Harlan's Hawk was videotaped on Walker Island, HL, on 3/8 (JZ). On 3/24, the first Osprey was found at Hideaway Harbor, along with Lesser Yellowlegs and Pecs (RAB, JC, Th. Group). A pair of Barred Owls were observed mating in FP on 3/19 (MM). During the week of 3/21, David and Julie Scheu watched a pair of Great Horned Owls and their young. They were concerned when they saw the owlets on the ground but due to the lack of Crows in TGP, both the owlets and adults can be seen perched in the open during daylight. Dick Coles reported that a pair of Great Horned Owls were again nesting near St. Luke's Hospital. On 3/27, Mary Huber observed a Winter Wren, along with good numbers of Sapsuckers and perhaps 25 Flickers, in TGP. Jeannie Moe found a Winter Wren at LVT on 3/23. On 3/30, the Johnsons reported quite a few Red-headed Woodpeckers and Sapsuckers, plus a large number of Brown Creepers, at SNR. A few Tree Swallows were seen at BCA on 3/37 (B&AM). By 3/14, Purple Martins had joined the Tree Swallows at HL (FH). Purple Martins were also seen on Salle Road on 3/24 (JC, Th. Group). Phoebe sightings included 3 at Emmenegger Park on 3/19 (AM) and several more were reported from Rockwoods on 3/24 (WK). Bluebirds were seen in migration in Tilles Park on 3/22 (YH) and on 3/27 at TGP (G&TB). Cheryl & Don Delashmit found Bewick's Wrens carrying nesting material to a box on their front porch in Franklin County on 3/26, and on 3/29 one appeared at the Tyson Gatehouse (JW). Until 1990, Loggerhead Shrikes were a common sight in Weldon Springs CA; the one seen there on 3/28 was an unusual sighting (JU, JM). One of the best days in March at TGP was 3/20, with 6 Golden-crowned Kinglets, 2 Brown Creepers, 20 Flickers, and 1 Hermit Thrush (MH).

Black-and-White Warbler and 2 Louisiana Waterthrush arrived at CSP on the very early date of 3/20 (MB). Another B&W Warbler was

seen at TGP on 3/28 (T Bo). Pine Warblers were found at Rockwoods on 3/2 (WK) and on 3/24, 2 were seen and at least 20 more heard, at Hawn SP (JC, Th. Group). Yellow-throated Warblers and Waterthrush appeared at Rockwoods on 3/27 (J&CM). Josh Uffman reported 2 Spotted Towhees on 3/6 - a female at Weldon Springs CA and a male at Lake 21, BCA. The one observed at Lake 21 was probably the same bird that Jeannie Moe and Kraig Paradise saw there in January. On 3/11, Margie Richardson and John Loomis found Tree Swallows, Phoebe and singing Field Sparrows at BCA. Four Harris's Sparrows (2 adults, 2 immatures) were seen at Weldon Springs CA on 3/6 (DB, Sat. Group). On 3/13, Connie Alwood and Tom Bormann found an adult Harris's and the female Spotted Towhee at Weldon Springs. Around 3/18, Jack Cowan counted 28 Fox Sparrows in TGP. Vesper Sparrows were seen on Bend Road on 3/27 (DB, Sat. Group) and on 3/28 on Walker Island, HL (FH). An Oregon Junco is always a nice find and one was seen in TGP on 3/31 (SM). Thirty-five to 40 Rusty Blackbirds were counted at REDA on 3/6 (MA). On 3/9, 100+ Rusty Blackbirds arrived in TGP and stayed until the end of the month. On 3/18, the Thursday Group found Rusty Blackbirds, Towhees and Golden-crowned Kinglets at TGP. On 3/27, the Barkers observed 50+ Rusty Blackbirds in TGP. David Becher reported several Rusty Blackbirds, 12 Am. Golden Plovers, and both Yellowlegs in St. Charles Co. on 3/28. Also on 3/28, a female Great-tailed Grackle appeared in the mixed blackbird flock at TGP (CA, T Bo). Yvonne Homeyer and Jim Ziebol saw and heard several Purple Finch at Tyson on 3/14 and a first-year male was singing at SNR on 3/30 (CA). The four Common Redpolls that wintered at the Friedel's in E. Alton were last seen on 3/18.

A typical day on 3/20 included Fish Crow, Pecs, Field, Song, Swamp, and White-crowned Sparrows, Eurasian Tree Sparrow and Snipe at LCCL; Common Loon, several Horned Grebes, Bonaparte's Gulls, Red-breasted Merganser, Bufflehead, Scaup, Ruddy Ducks and Tree Swallows at Creve Coeur Lake; Rusty Blackbirds in St. Charles County; and thousands of Scaup at REDA (DB and Sat. Group).

*Comments:* On 3/27, a female Purple Finch was banded at Tyson. Connie Alwood has



both Barred Owl and Red-shouldered Hawk near his north county home. Frank Holmes reported that Jan Eaton had both a male and female Spotted Towhee in her yard around the middle of March. A Hairy Woodpecker was seen in Wilma Kennell's yard in March. The Barkers observed a Sharp-shinned Hawk watching their feeder. Anne McCormack reported ETS at her Kirkwood home, the first she has seen there in 20 years. Dennis Bozzay observed a Great Horned Owl with prey fly across Berry Road on 3/30. A Ruby-crowned Kinglet visited Paul & Barbara Johnson's backyard on 3/28. Sherry McCowan reported the following bird behavior from TGP on 3/30: "Two male Flickers stood on the grass facing each other, moving heads from side to side while a female grazed 5 to 6 feet away. After a few minutes, each took a hop closer to the other and engaged in more head-bobbing. Then they flew at each other and had a little dust-up, flapping at each other and then moved several feet. The female appeared unconcerned during the encounter."

**Contributors:** Connie Alwood, Matthew Andrews, Bob Bailey, George & Terry Barker, David Becher, Torrey Berger, Rose Ann Bodman, Tom Bormann, Dennis Bozzay, Mike Brady, Jackie Chain, Dick Coles, Jack Cowan, Joe Eades, David Garcia, Frank Holmes, Yvonne Homeyer, Mary Huber, Paul & Barbara Johnson, Wilma Kennell, John Loomis, Anne McCormack, Sherry McCowan, Jim & Charlene Malone, Brien & Alex Meilleur, Mark Mittleman, Jeannie Moe, Kraig Paradise, Margie Richardson, Dave Rogles, Joe Smentowski, Mike Thelen, Josh Uffman, Jane Walker, Jim Ziebol. An asterisk means "documented." Submit sightings by the last day of the month to Jim Ziebol 314-781-7372 or Yvonne

Homeyer <homeyer@earthlink.net> 2

## Next Deadline: May 7

*Nature Notes* publishes 10 issues a year, each mailed on the third Monday of the month. To allow time for layout, printing, etc., the deadline is always 10 days prior to the third Mon.

Submissions—handwritten or typed, email, IBM or Mac to: Anne McCormack, 587 Andrews, St. Louis MO 63122-5722 or

<amccormack@stjosephacad.org> 2

May 2004 www.wgnss.org

## WGNSS Scholarships Awarded Since their Inceptions

Mike Flieg

The Mickey Scudder Scholarship was instituted in 1985.

1985, Anthony Rossi (UMSL) *An Investigation of Honey Storage and Utilization in Pre-emergent Nests of a Paper Wasp.*

1986, Kaius Helenurm (WU) *Mating systems and Reproductive Biology of the Texas Bluebonnet.*

1987, Jane Stevens (UMSL) *Response to Stimulated Herbivory in the Trumpet Vine.*

1988, Kathy Reppell (SLU) *Incidence of Lyme Disease Spirochetes and Rocky Mountain Rickettsia in Ticks at Tyson.*

1989, Jennifer Matos (WU) *Evolution in the Pinus Montezuma complex, Population Structures and Hybridization.*

1990, Richard Clinebell (UMSL) *Biology of Exotic Invasion in the Wade Tract, a Relict Preserve of Endangered Long-leaf Pine Savanna in Thomas Co. Georgia.*

1991, Marshal Hedin (WU) *Natural History of Glade Inhabiting Arachnids: Ecological, Evolutionary and conservation Biology Implications.*

1992, Niels Rattenberg (SLU) *Effect of Clutch Topography on the Hatching Success of Host Eggs in Nests Parasitized by the Brown-headed Cowbird.*

1993, Delbert Hutchison (WU) *Levels of Genetic Variation Within and Between Isolated Populations of collared Lizards on Missouri Glades: Testing Conservationally Important Hypotheses.*

1994, Chris Hochwender (UMSL) *The Effects of Species Loss and Host Plant Genotypes on communal structure: a Test case Using the common Milkweed and its Herbivores.*

1995, John Lill (UMSL) *Ecological Factors Influencing Host Plant Selection in three Caterpillar Species.*

1996, Paige Mettler/McClure (SIU) *Determination of Light Level Patterns and their Relationship to Herbaceous Succession for sites of a Threatened Floodplain Species, Boltonia decurreas*

1997, Jacqueline M. Goerck (UMSL) *Ecology and History as determinants of Rarity of Birds: A Case Study with Antbirds.*

- 1998, Thomas Prinzie (WU & MOBOT) *Evolution of the Milkweed Corona; Systemics and Flower Development in Neotropical Milkweeds.*
- 1999, Debbie Tobin (UMSL) *Ecology and Social Role of Scent Markings of North American River Otters in Missouri.*
- 2000, Andrew Kinziger (SLU) *Systematics of the Ozark Sculpin and Mottled Sculpin.*
- 2001, Elma Kay (SLU) *Pollination of the Greater Antillean Passionflower by the Greater Antillean Long-tongued Bat.*
- 2002, Kevin Matson (UMSL) *Maintenance of Immune system Function in Hawaii's Introduced Birds.*
- 2003, Cintia Cornelius (UMSL) *Reproductive success and genetic structure of two endemic birds of the south-temperate rainforest: Dispersal and habitat limitations in a fragmented landscape.*
- 2004, Teresa Patricia Feria (UMSL) *Modeling the Ecological Niche of Endemic Species in the Balsas Basin, Mexico: and Evaluation of Four Methods*

### **Menke Scholarship Recipients. This Scholarship was first awarded in 2001**

- 2001, Tracy Green (UM Columbia) *Dispersal of Salamanders through Fragmented Landscapes.*
- 2002, Corey Anderson (WU) *Factors Influencing Genetic Variation and Gene flow in a Western Range Timber Rattlesnake Population.*
- 2003, Alejandro Masis (UMSL) *Effects of Uneven and Even Aged Timber Management on Species Diversity of Fruit Feeding Butterflies in the Missouri Ozarks.*
- 2003, Justin Shew (SMS) *Spatial Ecology and Habitat Use of the Western Fox Snake at Squaw Creek NWR. (Two Grants were awarded in 2003)*
- 2004, Rachel Katz (Truman State University) *The Effects of Burning Versus Mowing of Conservation Reserve Program (CRP) Fields on Ground-nesting Birds, their Potential Prey, and Nest Depredation in Northeast Missouri*
- 2004, Nicholas J. Lang (SLU) *Assessment of Habitat, Land Use, and Demographic factors on the Contemporary abundance and Distribution of Notropis heterolepis in the Loutre River Basin, MO. (Two Grants awarded in 2004)*

### **Demographics of Awarded Scholarships 1985-2003**

The Scudder Scholarship is awarded to colleges within the St. Louis Metro area only; whereas the Menke is awarded only to colleges within the state of Missouri.

### **Institutions receiving grants**


Total grants awarded  
 University of Missouri, St. Louis 11  
 Washington University 6  
 St. Louis University 5  
 Southern Illinois University 1  
 University of Missouri, Columbia 1  
 Southeast Missouri State 1  
 Truman State University 1

### **Grant Recipients**

Gender Male 15 Female 11  
 National Origin: Caucasian 20  
 Hispanic 5 African-American 1

### **Grant Categories :**

Botany 7 Entomology 4  
 Ornithology 4 Herpetology 4  
 Mammalogy 2 Ichthyology 2

Ecology 2 

### **Butterfly Walks with NABA**


Jim Ziebol

WGNSS is invited to join the spring butterfly walks sponsored by NABA-St. Louis (North American Butterfly Association). We expect to see 5 species of Swallowtails, E. Comma, Question Mark, Goatweed, Mourning Cloak, Red Admiral, Spring Azure, Silvery Checkerspot, Pearl Crescent, Duskywings, Sulphurs, Falcate Orangetip, Gt Spangled Fritillary, Roadside Skippers, Hayhurst's Scallopwing, and more. We could see Juniper Hairstreak, Henry's Elfin, or Baltimore Checkerspot. Beginners are welcome. Jim Ziebol, Dennis Bozzay, Scott Marshall & Yvonne Homeyer will lead these trips.

Sun. 5/16 Busch Wildlife 10:00  
 Parking lot/Butterfly Garden

Sun. 5/23 Tyson 12:00 Gatehouse (lunch first; co-sponsored by Friends of Tyson)

Mon. 5/31 Hilda Young C.A. 10:00  
 Parking lot

Call Jim Ziebol, 314 781 7372, for more information. 

## Nature Notes Deadlines & Mailings

We meet at the Oak Bend Library, 842 S. Holmes, Kirkwood or at Missy Choteau's to attach mailing labels. We could use your help! Call Margie Richardson 314-965-8974.

*mailing party* *NN deadline*

Mon. 5/17, 10-1 Choteau's Fri. 5/7

No mailings in June or July.

Mon. 8/16, 10-1 Choteau's Fri. 8/6

Mon. 9/20, 10-1 Oak Bend Fri. 9/10

Mon. 10/18, 10-1 Oak Bend Fri. 10/8

Mon. 11/15, 10-1 Oak Bend Fri. 11/5

Mon. 12/20, 10-1 Oak Bend Fri. 12/10 <sup>2</sup>

## The Green Center Blooms with New Arts and Nature Camp

The Green Center will offer Arts and Nature Camps for youth and a Teachers' Professional Development Program in University City this summer, June 21st-25th. The programs will meet at the Green Center's headquarters, which offers over 30 acres of outdoor laboratory spaces including learning/demonstration gardens, a prairie, a wetland, and a shady woodland.

The innovative camps for children will integrate visual and performing arts with the study of nature. Campers will be immersed in the rich, natural learning environments of the Green Center, and will experience the arts, culture, and ecology of South America and Africa as well as the native culture and ecology of our own region. The camps will culminate in art exhibits and performances by the children.

A Professional Development Program for Teachers will be offered the same week, giving teachers an in-depth understanding of the Green Center's educational potential, as well as an opportunity to explore ways to integrate arts and science curriculum in the classroom. Optional graduate credit for 2 hours from UMSL will be offered. Both the Camps and the Professional Development Program will meet 9:00 am to 3:00 pm Monday through Friday.

Camps will be divided into two age groups. Children entering 1st- 3rd grade will enroll in "Make A Splash!" while those entering 4th-6th

grade will enroll in "Earth, Wind, and Water." Before-camp and after-camp care will be available. Registration is now open for both programs. Contact the Green Center for more information at 314-725-8314 or

<www.thegreencenter.org>. <sup>2</sup>

## N American Migratory Count

Paul Bauer

NAMC stands for North American Migratory Count, which occurs all across American on the second Sat. of May each year. It is conducted somewhat like Christmas Counts but each count includes an entire county rather than one restricted count circle. Thus NAMC counts provide a one-day snapshot across each state indicating how many birds of that species are present. Downward trends in numbers of birds reported are important early warnings.

Teamwork works! Can you help us this year? Please contact the person below for sighting in these counties:

St. Louis City: Zoe Geist, 1824 Raintree, Imperial MO 63052

St. Louis County: Yvonne Homeyer, 1508 Oriole Ln., St. Louis MO 63144

St. Charles County: Paul Bauer, 4 Club Grounds So., Florissant MO 63033

Lincoln County: Bruce Schutte, 303 Spring Church Rd., Troy MO 63379

The easiest way for Big Day birders to help is to photo copy your bird list and highlight the species seen in a specific county and mail that marked list to the county compiler. I think

NAMC is important; thanks for your help. <sup>2</sup>

## Key to WGNSS Calendar

*birding field trip*

each Thurs. 8 AM (8:30 starting Oct.) — call Jackie Chain 314-664-5998

most Sat. 8 AM: call David Becher 314-576-1146

most Sundays: call Kent Lannert 618-624-4464

*summary of the latest bird sightings*

Call Tyson Nature Line: 314-935-8432

*to report a bird sighting*

To include a sighting on the "Nature Line" phone message, call Sherry McCowan, 314-664-2381.

To submit a report to the *Nature Notes* bird column, call Jim Ziebol at 314-781-7372 or email

Yvonne at <homeyer@earthlink.net> by the last day of the month.

#### *board meeting*

1st Wed. 7 PM Sept.-May at Powder Valley:  
Yvonne Homeyer 314-963-7750

#### *botany field trip*

each Thurs: call Fr. Sullivan 314-291-7885  
some Saturdays: call Jeannie Moe 636-946-9802

#### *entomology meeting*

last Sun: call Marshall Magner 314-961-4588

#### *general meeting*

Meetings are usually on the first Thursday of the month, at St. Louis County Library Headquarters, at 7:00 PM. Call Mike Flieg 314-645-3356 for more information.

#### *mailing party for Nature Notes*

3rd Mon. (not June/July) 10 AM:  
call Margie Richardson 314-965-8974

#### *Nature Notes deadlines*

10 days prior to 3<sup>rd</sup> Mon: call Anne McCormack 314-965-8091  
amccormack@stjosephacad.org

#### *Big Day birding competition*

May 8

#### *Spring Banquet*


May 13, 2004 at Eden Seminary, Webster

#### *membership expires/renewal due*

Aug. 31

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Contact the editor 

## Webster Groves Nature

## Study Society

The objectives of the society are: To stimulate interest in nature study on the part of adults and children to cooperate with other organizations in nature study to encourage amateur research in the natural sciences to promote conservation of wildlife and natural beauty.

Open to all with an interest in nature 

## 2003-04 WGNSS Board

### President and Conservation Chair:

Yvonne Homeyer  
1508 Oriole Ln.  
St. Louis MO 63144  
314-963-7750  
homeyer@earthlink.net

### 1<sup>st</sup> Vice President & Environmental Ed. Chair:

Mike Flieg  
6803 Nashville  
St. Louis MO 63139  
314-645-3356  
gmflieg@aol.com

### 2<sup>nd</sup> Vice Pres: Pat McCormick

1338 Eaglebrooke Ct.  
Ballwin MO 63021  
636-225-0264

### Treasurer: Randy Korotev

800 Oakbrook Ln.  
St. Louis MO 63132  
314-993-0055  
rlkorote@artsci.wustl.edu

### Secretary: Jim Adams

35 Tulip Dr.  
St. Louis, MO 6311-4660  
314-961-2494  
dadams5084@aol.com

### Membership Chairperson

vacant

### Editor: Anne McCormack

587 Andrews  
St. Louis MO 63122-5722  
314-965-8091  
amccormack@stjosephacad.org

### Ornithology: David Becher

12829 Mariner's Pt Ct.  
St. Louis MO 63141  
314-576-1146

### Co-chair Ornithology: Kent Lannert

1258 Ruppel Ln.  
O'Fallon IL 62269-7167  
618-624-4464  
klannert@charter.net

### Botany Co-Chair : George Yatskievych

11949 Claychester Dr.  
St. Louis MO 63131  
314-909-9540 work

### Botany Co-Chair: Jeannie Moe

2419 Mayer Dr.  
St. Charles, Mo. 63301-1379  
636-946-9802

Entomology: Marshall Magner  
516 Bacon Ave  
Webster Groves MO 63119  
314-961-4588

Member at Large: Ann Earley  
1425 Bobolink Place  
St. Louis, MO 63144-1128  
314-963-0103  
aee623@prodigy.net

## Need directions?

### *Busch Wildlife Area*

- Take 40 west toward St. Charles Co., left on 94, right on D, follow signs
- Hampton Lake—usual meeting spot—is the first beyond headquarters

### *Castlewood State Park*

- Take Manchester west, south (left) on New Ballwin Rd., east (left) on Kiefer Creek Rd., follow signs.

### *Clarence Cannon NWR*

- Annada, Mo., in Pike Co.
- From I-270, take I-70 west to MO-79, then go north 35 miles to Annada, MO.
- Just past the city limit sign, there will be the sign for the refuge. Turn right and follow the road all the way to the refuge parking lot, the usual meeting spot.

### *Des Peres Park*

- on Ballas Road, one block north of Manchester Rd. in Des Peres.
- Turn right (east) at the Des Peres Park sign—park in the first lot on the right.

### *Eden Seminary WGNSS Banquet*

Intersection of Lockwood and Bompert in Webster Groves

From 40

- east to Hanley Rd
- south on Hanley, becomes Laclede Sta. Rd
- right on to Big Bend
- right on to E Lockwood
- left on to Bompert, enter

From 44

- east on 44
- Exit 220, Elm Ave.
- left on S Elm
- right on Big Bend
- left on Bompert, enter

Member at Large: Tom Parmeter  
2270 Love Ln.  
Florissant MO 63031  
314-921-6017  
tkssp@charter.net

Member at Large: Mike Thelen  
943 Morehouse Ln.  
St. Louis, MO 63130-2158  
314-862-6642

### *Forest Park, Kennedy Forest*

- Highway 40 to Hampton north, follow signs to St. Louis Zoo's Living World. Kennedy Forest is about 1/4 mi. west.

### *Horseshoe Lk State Park*

- Take I-55/70 east to Hwy 111 exit.
- Turn left onto Hwy 111 and follow road to the entrance of the park on the left.
- Meet at the first parking lot to the right, just past the entrance.

### *Riverlands Environmental Dem. Area*

- From 1-270 in north St. Louis County, take Hwy. 367 north to Alton.
- Turn right into Riverlands at the Fisca service station, just before the approach to the Clark Bridge over the Mississippi River.
- Teal Pond is first right.

### *Shaw Nature Reserve (Arboretum)*

- Take 44 west to Gray Summit (100) exit, left over highway, right onto service road and immediately left into Arboretum.
- Meet at Brushy Creek trail head.

### *Tower Grove Park*

- Take 44 to Kingshighway south, east (left) on Magnolia, 1st right into park.

### *Wildwood Trail, Al Foster Trail*

- 44 west to north 109
- right on Old State Rd,
- quick right on Washington Ave., becomes Grand
- parking lot on left from Manchester Rd
- take Old State Rd south
- left on Washington at intersection with 109

# Webster Groves Nature Study Society

Call 314-935-8432 for the latest bird sightings in St. Louis.

## Meetings ©

### Wednesday May 5

7 PM Board meeting at Powder Valley Nature Center. All members are welcome.

### Thursday May 13

Annual Spring Banquet and plant sale at Eden Seminary, Webster. Our speaker is nationally-known pelagic birder, Debra Shearwater from Monterey, California. Reservation form and plant sale order on p. 2 & 15. For more information, call Pat McCormick, 636-225-0264.

## Entomology 🐛

### Sunday April 25

7 PM at Magners'. Michael Brown entomologist with Mo. Dept. of Agriculture, presents "Plant Police—Are You Serious?"

### Sunday May 16

10 AM NABA Butterfly walk. Meet at Busch Wildlife headquarters

### Sunday May 23

noon NABA & Friends of Tyson Butterfly walk. Meet at Tyson gatehouse for lunch.

### Sunday May 31

10 AM NABA Butterfly walk. Meet at Hilda Young CA parking lot

## Botany ☆

### Thursday April-June

Field trips usually meet 9:30 AM. Beginners welcome. Bring lunch, weather gear. Trip is usually 3-5 hr. plus travel time. Call Fr. Sullivan 291-7885 after 1 PM Wed for location. E-mail is sent every Wed. advising when and where the field trip is scheduled. To re-

ceive, send your e-mail address to Jack Harris <jahar@mac.com>.

### Wednesday April 28

7:30 PM at Powder Valley Nature Center, Jeannie Moe will present her masters thesis, "A Baseline Floral Study of Watershed Nature Center." Sponsored by WGNSS & Mo. Native Plant Society.

## Birding 🦉

### Thursdays April-May

8:30 AM at Des Peres Park on Ballas, one block n. of Manchester. Starting in May, we will meet at 8 AM. Questions: call Jackie Chain, 314-644-5998.

### Fri.-Sun. April 23-25

St. L. Audubon weekend at Mingo NWR. Reservations and trip fee required. Mike Grant and John Solodar.

### Saturday April 24

8 AM WGNSS Tower Grove Park. Meet at Gus Foyt site, just west of the stables. David Becher 576-1146.

### Sunday April 25

8 AM Meet at Busch headquarters with Rad Widmar.

### Saturday May 1

8 AM WGNSS Castlewood State Park. Meet near boat launch. David Becher 576-1146.

### Saturday May 1

7:30 AM St. L. Audubon at Shaw Nature Reserve & Robertsville SP with Jim Malone and Mike Thelen.

### Sunday May 2

8 AM Meet at Gaddy Bird Garden in NW corner of Tower Grove with Kent Lannert.

## Thursdays May-Aug

8:00 AM at Des Peres Park on Ballas, one block n. of Manchester. Questions: call Jackie Chain, 314-644-5998.

## Sunday May 2

8 AM Lone Elk Park, Chubb Trail with Mike Brady. Trail parking lot is on right at the top of hill. Trail can be muddy.

## Nature Notes deadline May 7

## Saturday May 8

Big Day birding competition.

## Saturday May 8

7:30 AM St. L. Aud. at Tower Grove/Horseshoe Lk with John Solodar and Torrey Berger.

## Sunday May 9

8 AM Meet at Kennedy Forest trailhead off Wells Dr. in Forest Pk with Randy Korotev.

## Saturday May 15

8 AM WGNSS birding at Shaw Nature Reserve (Arboretum), Gray Summit, with David Becher. Small fee. Meet at entrance to Brush Creek Trail. Bring a lunch to carry.

## Saturday May 15

7:30 AM St. L. Audubon at Forest Pk. with Joe Eades and Paul Bauer.

## Sunday May 16

7:30 AM Meet at Gaddy Bird Garden in NW corner of Tower Grove with Sherry McCowan. Note time.

## Saturday May 22

8 AM WGNSS Parking lot of HQ of Co. Library, Lindbergh, south of 40. Meet on N side. Bring lunch. David Becher 576-1146.

## Saturday May 22

7:30 AM St. L. Audubon at Columbia Bottoms with John Solodar & Mike Arduser.

## Sunday May 23

8 AM Meet at Hillsboro Rd. parking lot of Forest 44 Conservation Area with Sue Gustafson & David Rabenau.

## Saturday May 29

8 AM WGNSS "Where the Birds Are." Parking lot of HQ of Co. Library, Lindbergh, south of 40. Meet on N side. Bring lunch. David Becher 576-1146.

## Sunday June 6

8 AM Meet at Busch headquarters with Anne McCormack.

## Saturday June 12

7:30 AM St. L. Audubon at Lost Valley/Katy Trail with Mike Grant Jim Malone.

## Sunday June 13

8 AM Meet at Wildwood trail on Al Foster Trail along Meramec River with Sue Gustafson & David Rabenau.

## Sunday August 8

8 AM Meet at Horseshoe Lk., first parking lot on right from Rt. 111, with Keith McMullen.

## Sunday September 8

7:30 AM Tower Grove, meet at Gaddy Bird Garden with Sherry McCowan.

## Sunday September 26

9 AM hawk watch at Mark Peter's prairie in Imperial, Mo.

## Sunday October 24

8 AM Clarence Cannon NWR HQ parking lot with Mike Thelen.

## Sunday December 12

8 AM Riverlands, meet at Teal Pond with Dave Rogles.

## Join WGNSS

Send \$20 to Randy Korotev, 800 Oakbrook Ln., St. Louis MO 63132

Webster Groves  
Nature Study Society  
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St. Louis MO 63119

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# Webster Groves Nature Study Society

## Membership Application

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone (\_\_\_\_\_) \_\_\_\_\_ e-mail \_\_\_\_\_ fax (\_\_\_\_\_) \_\_\_\_\_

Call the Nature Line at **314-935-8432** for meetings and bird sightings. [www.wgnss.org](http://www.wgnss.org)

Membership categories (circle one):  
Individual or Household:.....\$20  
for 1st class mail.....add \$8  
Student.....\$10

Please mail this form with check to:  
Treasurer: Randy Korotev, 800 Oak-  
brook Ln., St. Louis MO 63132  
Please make check payable to: Webster  
Groves Nature Study Society

Webster Groves Nature Study Society