



THE NEWSLETTER

August 2004

of the **Golf Course Superintendents Association of New England, Inc.**

Sponsors and administrators of the Troll-Dickinson Scholarship Fund – Awarded yearly to deserving Turf Management Students.

Concord C.C. has its own “special concern” about Mass. endangered species program

By Anthony Pioppi,
Golfdom Magazine

All superintendent Tim Strano and the members of Concord Country Club wanted to do was to take down some trees.

True, it was a rather larger number (about 2,000), but the members were looking to restore the layout to its former dimensions by re-turning fairway widths to their original size and in the process opening up long-lost shot options, as well as providing needed light and air to the turf.

Concord members and Strano thought all the “T”s had been crossed and “I”s dotted by obtaining the needed permits before the project began. But just days in, the work came to a sudden and surprising halt courtesy of the Massachusetts wing of the Natural Heritage & Endangered Species Program.

What is the NHESP? That’s what Strano and the Concord members wanted to know. Here’s what its website says: “The Natural Heritage & Endangered Species Program (NHESP), part of the Massachusetts Division of Fisheries and Wildlife, is one of the programs forming the Natural Heritage network. NHESP is responsible for the conservation and protection of hundreds of species that are not hunted, fished, trapped, or commercially harvested in the state. The program’s highest priority

According to (Tim) Strano, it was up to the club to prove that the species in question do not exist on the property, not up to NHESP to prove that they do.

Concord’s plans to dredge irrigation ponds were stopped because of the supposed existence of Eastern Pondmussels on the site, even though none had been found.

is protecting the approximately 190 species of vertebrate and invertebrate animals and 258 species of native plants that are officially listed as Endangered, Threatened or of Special Concern in Massachusetts.”

The explanation continues “‘Special concern’ (SC) species are native species

which have been documented by biological research or inventory to have suffered a decline that could threaten the species if allowed to continue unchecked, or which occur in such small numbers or with such restricted distribution or specialized habitat requirements that they could easily become threatened within Massachusetts.”

Strano said that neither he nor the club knew of the existence of the NHESP until the group notified Concord that its tree clearing program off the sixth fairway was too close to a vernal pool that played a vital role in the preservation of the Spotted-Blue Salamander and Eastern Pondmussel, both species of Special Concern. Most surprising, though, was the fact the pool was not on the property, but rather across a town road that runs past the golf course. A fact that still causes Strano to shake his head in bewilderment.

Once the NHESP was on the club property, logging stopped and the rules changed. For Strano, that meant planting low-growing blueberry bushes, and increasing setbacks from vernal pools. To provide bird habitat, dead trees were topped off instead of taken down.

Loggers were forbidden to drop trees in wooded areas thought to be salamander habitat, thus they were felled so as to fall in fairways. Yellow rope now runs through much of the woods, delineating areas deemed off limits to any sort of clearing because of vernal pools.

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Even with the surprising turn of events, the work has done wonders to the design that first opened as a 9-holer in 1895 and was later expanded to 18 holes by Donald Ross. Areas that for years have been getting too little sun now have the needed light and are responding accordingly.

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According to Strano, it was up to the club to prove that the species in question do not exist on the property, not up to NHESP to prove that they do. Concord's plans to dredge irrigation ponds were stopped because of the supposed existence of Eastern Pondmussels on the site, even though none had been found.

Strano said it would have cost the club about \$100,000 to hire the necessary experts to prove the mussels were not on the property. Even with the surprising turn of events, the work has done wonders to the design that first opened as a 9-holer in 1895 and was later expanded to 18 holes by Donald Ross. Areas that for years have been getting too little sun now have the needed light and are responding accordingly. Strano said the turf is healthier than ever.

From a golfing standpoint, the fairways, corridors that could once be described as "suffocating," now bring the adjective, "ample," to mind.

Even long-time Concord members are finding Ross nuances that were long obscured by the encroaching trees.

From a golfing standpoint, the fairways, corridors that could once be described as "suffocating," now bring the adjective, "ample," to mind. Even long-time Concord members are finding Ross nuances that were long obscured by the encroaching trees. Architect Ron Prichard will begin bunker work later this year that will also help restore the layout more towards its original intent. When it is finished, Strano, Concord members, salamanders, and mussels will all have a course that will make them happy. 🍄

Anthony Pioppi is a contributing editor for Golfdom magazine and lives in Middletown, Conn.

CALENDAR . . .

Sept. 20 **GCSANE Monthly Meeting**
Supt./Club Official Tournament
Tedesco Country Club
Marblehead, Mass.
Supt. - Peter Hasak

October 5 **GCSANE Monthly Meeting**
Stockbridge Fund Raiser
Tournament
Hickory Ridge Country Club
Amherst, Mass.
Supt. - Robert Ruzsala

Nov. 1 **GCSANE Monthly Meeting**
Scramble
Bear Hill Golf Club
Stoneham, Mass.
Supt. - Richard French

Dec. 10 **Holiday Gala**
Dedham Country & Polo Club
Dedham, Mass.
Supt. - Michael Stachowicz

Update e-mail addresses, register for tournament, and beware of lightning, says GCSANE president

A special thanks to Ken Crimmings and everyone at Marlborough for once again hosting our Individual Championship. The hospitality and conditions were once again impeccable at this former Senior Tour site. It was also nice to see so many of our retirees, and it's hard to believe that in six more seasons I'll be one of them. Forward tees here I come!

Once again, please remember to register for the Joseph Troll Turf Research

PRESIDENT'S REPORT

Tournament held Tuesday, October 5, at Hickory Ridge in Amherst, Mass. You must register ASAP before all the slots are filled.

We had a few more of our members sign up for this month's meeting using e-mail. We do, however, seem to have one problem. When Sharon e-mailed the meeting notice to our membership, approximately 25% were undeliverable due to incorrect e-mail addresses. If you have not been receiving the e-mail meeting notices, please e-mail Sharon at Sbrownell@verizon.net or call the 800 number.

Congratulations to Dick Duggan, CGCS, who played 175 holes in the Ouimet Scholarship fundraiser. If you

made a pledge, Ouimet will bill you. This day raised a total of \$250,000 for this worthy cause. This event accounts for 25% of the fund's \$1,000,000 in annual scholarship awards.

2004 will certainly be remembered as the summer of the wet and the green. Pat K. is very upset because Essex is green this summer and not brown! Dollar Spot, moss algae, and Hyperodes certainly didn't mind seeing these conditions.

The golfers who were injured by lightning at Townsend Ridge should serve as a tragic reminder that golfing and lightning don't mix. We wish them a full recovery.

It appears that our National Headquarters in Lawrence, Kansas will not be moving after all. The Headquarters Location Resource Group recommended not to proceed to Phase II of the headquarters location study. Our own Jim Fitzroy served on this very important committee. Nice job Jim!

Vice President Pat K. will be attending the delegates meeting this September in Kansas and it will be interesting to hear what information Pat brings back to us.

Best wishes, and remember fall is finally here!

Michael J. Hermanson
President, GCSANE

A letter from GCSAA executive Steve Mona

Dear GCSAA Chapter Executive Directors,

The GCSAA board of directors met July 19 to discuss the three recommendations of the headquarters location resource group. After analyzing the report, the board accepted the recommendations as follows: (1) Do not proceed to Phase II of the headquarters location study; (2) Utilize GCSAA's recently-developed strategic indicators to evaluate the impact headquarters location has on the association achieving its mission, vision and goals; and (3) Encourage the GCSAA board of directors

to explore the possibility of establishing offices in the eastern and western regions of the country to enhance the delivery and implementation of member and chapter related programs and services, and to provide additional visibility for GCSAA and its members.

I encourage you to access the following link for more information on the subject: <http://www.gcsaa.org/about/community/hdqrtslocation/default.asp>.

As always, contact me with any questions.

Steve Mona, CAE
Chief Executive Officer

Seven-week UMass Winter School for Turf Managers now accepting applications for Jan.-Feb. 2005 session

The UMass Winter School for Turf Managers is now accepting applications for the 2005 session. Winter School 2005 classes will run from January 3 through February 18, 2005.

This seven-week course provides students with the concepts essential to professional maintenance of high quality turf, while instilling a sense of environmental stewardship and fiscal responsibility. The comprehensive

program is especially suited for experienced turf professionals who need to update their knowledge and skills, and who want to advance in their field, but cannot schedule a two or four-year program. Enrollment is limited, and close-knit classes offer the opportunity to form lasting relationships with peers and memories that will last a lifetime.

UMASS NEWS

Winter School is a full-time program scheduled all day Monday through Friday for seven weeks. UMass faculty along with distinguished guests teach a combination of classroom, lab, and discussion activities. All students attend all courses. A certificate is awarded to those who satisfactorily complete the course requirements. A high school diploma is required for admission.

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'Environmental Leaders in Golf' awards recognize superintendents for environmental stewardship

GCSAA NEWS
Presented by GCSAA and Golf Digest in partnership with Syngenta Professional Products and Rain Bird Corp., Golf Division, the Environmental Leaders in Golf Awards recognize golf course superintendents and golf courses around the world for the commitment to environmental stewardship.

These prestigious awards will result in recognition of environmental leaders and thousands of dollars donated to The Environmental Institute for Golf. Since 1993, participating sponsors have contributed more than \$225,000 to The Environmental Institute for Golf, and more than 290 golf course superintendents have been recognized with past awards.

Who is eligible to apply? Applicants from the United States must be members in good standing of GCSAA and of an affiliated GCSAA chapter. Applicants from outside the United States should be members of similar local organizations. Superintendents

who have previously been recognized as a national or international winner of the Environmental Steward Awards or as a winner of Golf Digest's Environmental Leaders in Golf Awards are not eligible to apply for the 2004 awards unless they have changed facilities. This allows other honorees to enter the winner's circle.

Nominations. While GCSAA members may apply for the awards directly, members and non-members (including the general public) also may nominate GCSAA members for award consideration. Nominations, including the nominee's name and mailing address, should be directed to GCSAA by September 3, 2004 with a short description as to why the GCSAA member is being nominated. Nominees will be notified of their nomination and provided with an application form for completion. Those making the nomination will remain anonymous unless otherwise requested.

Who selects the winners? Award selection will be handled by an independent panel of judges equally

representing major national environmental groups as well as the golf industry. Previous panels have included pesticide and irrigation specialists, independent agronomists and/or turfgrass consultants, and representatives of independent environmental groups.

What are the judges looking for? Applications will be evaluated in the five categories identified in the application: Resource Conservation, Water Quality Management, Integrated Pest Management, Wildlife/Habitat Management, and Education/Outreach.

Criteria for responding to each category:

Sustainability: The key concept in environmental leadership is the intelligent management of valuable resources so the rate of the use matches the renewal. Simply putting up bird boxes or feeding stations lacks the sustainable quality of designing, building, and managing a complete habitat that provides year-round food, cover and water.

Criticality: Does the facility actually improve the surrounding environment/ecosystem in a substantial and fundamental way that another use of the land, or in fact no use of the land, wouldn't? What of the use of natural resources, conservation of water, and fossil fuel? Is it significant? Water conservation in areas of abundant water is less laudable than in arid areas, for example.

Originality: Has the facility come up with new methods or discovered new problems (and subsequently resolved them in new ways)? Originality or creative thought inspires others, broadens our perspectives and adds opportunity for innovation.

Technology use/implementation: Explain the role and value of technology in day-to-day operations as applicable to environmental stewardship.

Applicants must answer questions directly in the space provided on the application form. Additional pages may not be attached. It is important that information be printed or typed so that it is legible for judges to review and for duplication purposes. Photos, videos, and additional documentation will not be accepted with the entries. Top award

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Registration open for 2004 UMass Green School

UMass Extension's Green School will be held October 12 to November 30, 2004 in Milford, Mass.

Green School is a comprehensive educational training program for Green Industry professionals, presented by the UMass Extension Landscape Nursery and Urban Forestry Program in cooperation with the UMass Extension Turf Program.

**UMASS
NEWS**

The program is designed to provide training in horticulture fundamentals and the relationship of those fundamentals to environmental quality. Green School is intended to instill a sense of environmental stewardship in the participants. Knowledge of plants and plant systems, and Integrated Pest Management form the foundation of the curriculum.

The 60-plus-hour training program focuses on the management of the landscape as a whole, and is appropriate for garden center managers and employees; private or municipal grounds managers and personnel; landscape

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and lawn care operators; nursery operators and personnel; tree wardens; and professional gardeners. Horticulture professionals will learn about IPM concepts and the optimization of pest control through proper cultural man-

agement of turf, woody ornamentals, and other related specialties. Participants choose either the Landscape Management or Turf Management track. Sessions will be taught by UMass Extension educators, UMass faculty, and other professionals recognized in their area of expertise in the Northeast.

The 2004 Green School will be held in Milford, Mass. from October 12 through November 30 and will meet for 12 sessions from 9 a.m. to 3:30 p.m. Students opting to receive the Green School certificate must maintain a 75% or better average on the daily quizzes.

Registration deadline is September 24, 2004. The cost for the Landscape Management section is \$550; the cost for the Turf Management section is \$620 (includes an additional text book), and includes all other study materials. Be sure to register early, as seats fill up quickly and space is limited. Program flyers are in the mail. For complete information, including the schedule and an application, visit: http://www.umass-greeninfo.org/programs/green_school.html. ■



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Bayer Environmental Science funds grant program to send five superintendents to Golf Industry Show

GCSAA NEWS For the second straight year, Bayer Environmental Science and The Environmental Institute for Golf are sending five lucky golf course superintendents to the Golf Industry Show (formerly Golf Course Superintendents Association of America's International Conference and Show) in Orlando, Feb. 7-12.

The purpose of the Bayer Superintendent Grant Program is to assist superintendents with their professional development through participation in the events at the annual conference and trade show. Winners will receive airfare (including international), hotel accommodations for six nights, conference full-pack registration, two educational seminars (half-day, one-day or two-day), two tickets to the President's Celebration and a \$200 expense stipend.

"If it hadn't been for the Bayer Grant Program, I may have never been able to

attend conference and show," said Wilfred C. Williams III, superintendent at Spring Hollow Golf Course in Spring City, Pa., one of the 2004 winners. "Going to the conference and show is an invaluable experience. I thank Bayer Environmental Science and The Institute for providing such a program."

The winners will be drawn after the September 13 deadline, and notified by September 30. Any superintendent who hasn't attended GCSAA's conference

and show in the last two years (San Diego and Atlanta) is eligible to apply. If a winner has already pre-registered for the Golf Industry Show and has been charged for any expenses, GCSAA will refund any charges covered by the Bayer program.

Applications are available at www.gcsaa.org or from GCSAA Member/Customer Solutions at (800) 472-7878. ■

The winners will be drawn after the Sept. 13 deadline, and notified by Sept. 30.

Any superintendent who hasn't attended GCSAA's conference and show in the last two years (San Diego and Atlanta) is eligible to apply.

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UMass Winter School accepting applications

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The following are available to eligible individuals: 12 pesticide contact hours for category 37 (turf) or six for licensed applicators for all New England states; 23 Continuing Education Units (CEUs); and 1.75 Education Points or CEUs according to program standard for the Certified Sports Turf Manager Program. This program also applies to GCSAA Class A and certification in the category of Certification Programs less than 400 contact hours; 23 CEUs may be applied towards GCSAA's renewal of certification.

The preferred application deadline for Winter School 2005 is September 17, 2004.

For additional information, and a printable brochure/application, visit: http://www.umasturf.org/education/certificate_programs/winter_school.html.

Activity of cicada killers, ants, & chinch bugs captures the attention of Dr. Pat Vittum at UMass

By Dr. Pat Vittum,
University of Massachusetts

(1) Cicada killers: Over the past two weeks, we have received many reports of "very large wasps" in various turf settings, from home lawns to cemeteries to golf course fairways. In most cases the wasps are probably cicada killers, predatory wasps that kill cicadas and carry them back to their nests to provide food for the young wasps.

According to Dr. Dave Shetlar, my counterpart at Ohio State University, cicada killers usually are not very aggressive against people, but that is scant comfort to a person who encounters several of these wasps during an innocent stroll. Regardless of the textbook reports, the wasps can be rather "territorial" on occasion, and it is very unsettling to be dive-bombed by an inch-long wasp. Cicada killers seem to prefer areas where turf is weakened or

Cicada killers are not direct pests of turf but because of their size and their occasional penchant to be aggressive around people, some turf managers are pressured by their clients to reduce wasp populations. The only approaches I have seen mentioned involve applications of insecticides in or around the nest entrances.

thin. For example, they often appear in or near bunkers on golf courses, where the underlying soil is more sandy and prone to desiccation. Anything that can be done to maintain a dense turf cover should discourage their activity in future years. Of course, that is more easily said than done!

Cicada killers are not direct pests of turf but because of their size and their occasional penchant to be aggressive around people, some turf managers are pressured by their clients to reduce wasp populations. The only approaches I have seen mentioned involve applications of insecticides in or around the nest entrances. I have not seen efficacy data for insecticides used against cicada killers, but am passing on information gleaned from various publications, primarily out of Ohio State.

Shetlar claims that an application of Sevin(tm) dust near the nest entrances can be effective. He notes that the application should be made in the evening — so mark the locations of the nests during daylight and return as night is falling. Apply dust around the entrances. The foraging cicada killers will encounter the dust as they return to the nest, and carry some of the dust on into the nest to other inhabitants. (Note that some Sevin(tm) dust labels, available in home garden supply stores, include turf, while others do not.)

In addition, Shetlar claims that aerosol sprays of "wasp killers" can be effective as well. In this case the turf manager would direct the spray down the entrance hole, again as late in the day as possible. Note, however, that some turf managers have reported that these applications have not been particularly effective, or have only reduced activity for a few days.

I have not seen any mention of phytotoxicity with any of these treatments, but certainly there is always a risk, especially in the hot weather typical of August. And the above observations should not be construed as a recommendation from the University of Massachusetts — just an effort to pass on information from other sources.

Turfgrass ants (*Lasius neoniger*) normally prefer sandier soils, but have often been reported on native soils throughout New England.

(2) Turfgrass ants: We have also received several calls reporting heavy ant activity in many locations. Until recently most ant problems seemed to center on golf courses, especially on sand-based greens. But more recently, we have had several calls from lawn care professionals describing ant activity in lawns.

Turfgrass ants (*Lasius neoniger*) normally prefer sandier soils, but have often been reported on native soils throughout New England. The mounds they form can dull mower blades and suffocate the underlying grass. Efforts to manage ant-mounding activity have centered on relatively slow acting baits and on pyrethroids that can be applied as a broadcast application and provide short-term relief. Most of the field studies conducted on turfgrass ants have been done at Ohio State (Dr. Shetlar again!) and the University of Kentucky (Dr. Dan Potter).

Normally an application of a pyrethroid just as the new mounds become visible (usually in late April or early May in Massachusetts) will provide four-to-six weeks of relief. Later in the summer, however, these applications only reduce mounding activity for two or three weeks. Baits (available with several different active ingredients) work more slowly, as they must be picked up by foraging ants and carried into the nest, where they eventually reach the queen. They can be applied throughout the season, but it is important to be sure the bait stays dry for at least 24 hours after application.

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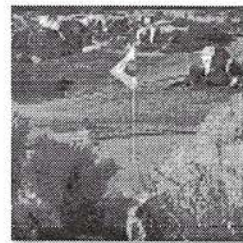
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Bayer/GCSAA awards give recognition for environmental stewardship

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candidates may be contacted for judges to conduct an on-site inspection of their facility.

Note: Those selected as overall, national, and international winners should be prepared to submit photos and additional documentation on environmental efforts following selection. These materials will be used to prepare promotional pieces.

Tips:

- Describe local conditions and challenges to provide a frame of reference for what you've accomplished.
- Avoid duplication of answers by providing information specific to the category being evaluated.
- Be specific. Focus on the details that make your facility stand out.
- Documented improvement is preferred to estimated or claimed performance.
- Quality of information, not quantity, is what's important to the judging panel.

How are winners selected?

Judges will evaluate each of the five categories of the application on a scale of 20 points per category, for a potential maximum total of 100 points per applicant. Applicants receiving a minimum score of 70 percent will automatically qualify for a merit award. Up to three applicants receiving the highest scores (at least 80 percent) from each chapter/country will be selected for chapter awards, one winner each representing public, private, and resort course facilities. The public, private, and resort course facility applications receiving the top scores will then go before a final judging panel for selection of three national winners, again representing one public, one private, and one resort course facility, and an international winner. One overall winner also will be selected.

ELGA winners receive: recognition in Golf Digest and GCSAA publications; recognition at the 2005 Golf Industry Show in Orlando; an invitation for the winner's employer to attend the recognition activities in Orlando; a personalized trophy or certificate of achievement; and national, regional, and local publicity. ■

Dr. Vittum's pest report takes aim at cicada killers, ants, & chinch bugs

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At the end of the summer, new queens often emerge by the thousands from heavily mounded areas. Dan Potter is experimenting with treating these areas with a pyrethroid as soon as possible after the "nuptial flight" is observed. The flight itself is quite striking - the newly winged ants climb to the tips of blades of grass and eventually leap into the air and take flight. Potter suspects that these new queens are relatively vulnerable ... at the very least, they will need to lay eggs that develop into workers to help create the new burrows for the new colony. So he is hypothesizing that an application of an insecticide that stays in the thatch (because that is where the queens will be active for a few days) should compromise their survival. This is still a hypothesis, but it certainly does make sense intuitively. So again, this late summer application should not be considered a "recommendation" from UMass, but we will keep you posted as we learn more from Potter's studies.

(3) Chinch bugs: Many parts of western New England has been "blessed" with lots of rain throughout the summer. Most lawns are growing very well without any need for irrigation. We have had no reports of chinch bug activity. I suspect chinch bugs are in fact present in their usual places, but the consistent rainfall has masked their presence. I would caution you to keep your guard up. If the weather pattern changes (after Bonney and Charley pass through), and the weather turns dry, chinch bug activity will quickly translate into the tell-tale symptoms - patches of yellowing turf that spread quickly in the hot dry conditions. (The inestimable Dr. Shetlar points out that chinch bug populations in parts of Ohio have been lower than normal this year because the moist conditions have enabled some of the natural agents, such as *Beauveria bassiana*, to thrive.) ■

Submitted by Dr. Pat Vittum,
University of Massachusetts

syngenta



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DIVOT DRIFT . . . announcements . . . educational seminars . . . job opportunities . . . tournament results . . . and miscellaneous items of interest to the membership.

ANNOUNCEMENTS

Timothy Burns & Seth Koch receive Bayer scholarships. Timothy Burns, an undergraduate student at the University of Massachusetts, in Amherst, Mass., recently received a 2004 Bayer Undergraduate Scholarship for \$500. Burns, a native of Northampton, Mass., is pursuing a degree in plant and soil science along with turfgrass management.

Seth Koch, also an undergraduate at UMass, received a 2003 scholarship for \$500. Koch is also pursuing a degree in plant and soil science, specializing in turfgrass management.

Dave Sylvester, a sales representative for Bayer Environmental Science, presented the scholarships. The Bayer Undergraduate Scholarship recognizes students pursuing careers in the green industry who have demonstrated academic excellence and leadership skills.

Thanks to Dick Duggan, CGCS (who got his picture in the MetroWest Daily News), who played 175 holes for the Ouimet Fund at Stowe Acres.

While in training for that golf marathon, Dick Duggan, CGCS, superintendent of The Meadow at Peabody Golf Club, managed to complete the renewal process to keep the CGCS after his name.

Condolences go to Dick French on the passing of his mother.

Condolences go to the Prior family and everyone at Woodland Golf Club on the tragic accident and the passing of David Prior.

Condolences go to John Bresnahan and family on the recent passing of his brother-in-law.

Congratulations to Jim Small and Olde Scotland Links on their recent Audubon Certification.

Congratulations to Ron Dobosz for qualifying for the Massachusetts Publink Championship. First the State Am and now the Public Championship, plus he can grow grass. Qualifying for those two events make for a great golfing season no matter what else happens.

Congratulations to Scott Lagana for becoming a Certified Golf Course Superintendent.

Congratulations to John LeClair for becoming a Certified Golf Course Superintendent.

Russell Heller is seeking up to five people to participate in a Fantasy Football league. Several superintendents and affiliate members have already committed. Cost to play is \$100. Send me an e-mail to join. We need to fill the league soon and set a draft date shortly.

INFORMATION

The 2005 Excellence in Government Relations Awards (EGR) nomination deadline is October 15. Nominations are being accepted for the 2005 GCSAA Excellence in Government Relations Awards, which were established to recognize GCSAA members and chapters for their government relations efforts and accomplishments in the areas of advocacy and compliance.

Any GCSAA member superintendent, assistant superintendent, or chapter is eligible to receive the award. Current members of the GCSAA Board of Directors (or their immediate families) are not eligible. All nominations must be received by October 15, 2004. Visit GCSAA Online to learn more about the EGR Awards and to complete an application form.

Watson Fellowship Awards deadline October 1. The Watson Fellowship awards \$5,000 to second-year candidates for masters and doctoral degrees in fields related to golf course management. The goal of this program is to identify and reward tomorrow's leading industry teachers and researchers. Applications must be postmarked by October 1.

The Toro Company, in honor of Dr. James Watson, provides funding for the program through The Environmental Institute for Golf. For more information and an application go to GCSAA Online.

ITEMS WANTED

Looking for old Rainbird Par 24 clock. Contact Fred Murray, Wayland Country Club, 121 Old Sudbury Road, Wayland, MA 01778; (508) 358-2250.

Looking for a used York rake, 4' to 5' preferred. Contact Jason Adams at (781) 326-3801.

GOLF RESULTS

2004 Gary Luccini Memorial Four Ball Championship

At Worcester C.C., 8/11/04:
MacKintosh/Miller defeated Crimmings/Cullen, 5 and 4.

At Nashawtuc, 8/12/04:
Lazaro/Gagne defeated Hogan/McLeod, 4 and 3.

Final match:
MacKintosh/Miller vs. Lazaro/Gagne

Match for third place:
Crimmings/Cullen vs. Hogan/McLeod

Matches must be played by September 24.

POSITION OPENING

Assistant Golf Course Superintendent, Waverly Oaks Golf Club, Plymouth, Mass. Waverly Oaks is a panoramic daily fee golf course consisting of an award-winning 7,114 yard Championship 18-holes and 9-hole Challenger course. The club features L-93 greens and tees, and bentgrass fairways on the Championship course; and colonial bentgrass and fescue fairways on the Challenger. Opened in 1998, course has an extensive late-model equipment inventory and a contemporary irrigation system.

Responsibilities include supervision and training of golf course staff, and assistance in day-to-day planning, course set-up, plant protectant applications, and irrigation maintenance & repair. Individual must have horticultural experience and basic knowledge of golf course construction principles. A two- or four-year relevant degree is preferred, plus three-to-five years of golf course experience. Previous supervisory experience is a plus. Salary is commensurate with experience. Benefits include health insurance, local dues, local seminars & conferences, winter vacation, and golf privileges. Position is responsible to the Golf Course Superintendent.

Position is open until filled. Send resume to: Scott Gabrielson, CGCS, Waverly Oaks Golf Club, 444 Long Pond Road, Plymouth, MA 02360; Fax: 508-224-8052; E-mail: sgabrielson@earthlink.net.

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