



**CHARTER TOWNSHIP OF MERIDIAN**  
**Land Preservation Advisory Board**  
**Wednesday, December 9, 2015**  
Meridian Service Center  
**6 pm**

**AGENDA**

1. Call Meeting to Order
2. Approve Agenda
3. Public Remarks
4. Approve Minutes *(blue)*
  - a. November 4, 2015
5. Communications *(tan)*
7. Presentations
8. Old Business
9. New Business
10. Land Management Report *(green)*
11. Other
  - a. Joint Meeting with Boards and Commissions; January 12, 2016, 6 pm, Meridian Township Hall, attendance
  - b. 2015 Summary
12. Public Comment
13. Announcements
  - a. LPAB Meeting; January 13, 2016, 6 pm, Meridian Service Center
  - b. Agenda items:
    - Election of officers
    - Joint Meeting with Park Commission, Environmental Commission & LPAB
    - Updated Management Plan for 2016
14. Closed Session
15. Adjournment

Land Preservation Advisory Board  
December 9, 2015

4. MINUTES

- a. November 4, 2015

CHARTER TOWNSHIP OF MERIDIAN  
LAND PRESERVATION ADVISORY BOARD

MEETING MINUTES  
WEDNESDAY, NOVEMBER 4,, 2015  
6 PM – NORTHWEST LAND PRESERVE

Members Present: Julie Brixie, Roland Harmes, Frank Hatfield, James Kielbaso, Jon Mayes, Margo Smith Mark Stephens,

Members Absent: Robert Rusch

Staff: Jane Greenway, Parks and Land Management Coordinator; Kelsey Dillion, Land Stewardship Assistant; Robin Faust, Administrative Assistant II

1. Call Meeting to Order

Chair Kielbaso called the meeting to order at 6:02 pm.

2. Approve Agenda

- Under item #4, Approve Minutes, add August 26, 2015 Special Meeting Minutes which were distributed at the meeting.
- Under item #10, Land Management Coordinator Report, add 2015/2016 Financial Report

BOARD MEMBER BRIXIE MOVED, BOARD MEMBER STEPHENS SECONDED, TO APPROVE THE AGENDA AS AMENDED. Voice vote. Motion passed.

3. Public Remarks

None

4. Approve Minutes

- a. June 10, 2015 Minutes
- b. July 8, 2015 Site Tour Notes
- c. August 12, 2015 Site Tour Notes – second paragraph, last sentence, change “the” to “near” southern property line
- d. August 26, 2015 Special Meeting Minutes
- e. September 9, 2015 Site Tour Notes

BOARD MEMBER SMITH MOVED, BOARD MEMBER BRIXIE SECONDED, TO APPROVE THE MINUTES WITH AMENDMENTS. Voice vote. Motion passed.

5. Welcome Kelsey Dillon, Land Stewardship Assistant

Coordinator Greenway introduced Kelsey Dillon who began working for the Township two weeks ago. She is very experienced, have been very happy with her work so far, and got off to a quick start working with Dave Caszatt on a planting in the Northwest Preserve. She will be working approximately 24 hours a week with 80% to Land Preserves and 20% to Parks.

Stewardship Assistant Dillon summarized her work experiences, the planting project in the Northwest Preserve, and creation of the Meridian Parks Volunteer Connection.

- a. Davis/Foster Invasive Species Recommendations – Coordinator Greenway reported that she included the following in the meeting packet:
  - stewardship plan which includes the site inventory, analysis and recommendations
  - signage currently on the site pertaining protecting the natural area and its habitat
  - information from the Michigan Audubon Society
  - Focus Group meeting minutes
  - the WHIP (Wildlife Habitat Incentives Program) Grant information
  - Site Restoration Update
  - Invasive Species Assessment
- b. At the current time, Assistant Dillon is focusing stewardship activities on Davis/Foster, Northwest (Towar Woods) and Southwest Meridian Uplands (Sturk) preserves but this could change after the Board looks at the needs for 2016.
- c. Black Locus removal – Assistant Dillon has spoken to a resident who lives adjacent to the Davis/Foster Preserve regarding a growth of black locus in the northwest corner of the preserve. She walked the site with the resident who is interested in assisting with the removal of this invasive. She is recommending the removal of the smaller ones and treating the larger ones with basil bark. She assured the Board that this treatment will not hurt the existing habitat and that it would, in fact, maintain the open grassland
- d. Meeting with Leslie Kuhn – Assistant Dillon has met with Ms. Kuhn regarding invasive removal projects, Stewardship Network, and DEQ permitting processes
- e. MISIN App ([www.misin.msu.edu](http://www.misin.msu.edu)) – Suggest Assistant Dillon would log into the database to record and track her invasive work
- f. Work Plan developed by Nick Sanchez – Assistant Dillon will update activities that need to be addressed from the work plan created by former Assistant Sanchez and will work with Coordinator Greenway to development recommendations for a stewardship management plan with a priorities list
- g. Assistant Dillon was requested to do a second spray on the invasive behind the Haslett bus garage that Assistant Sanchez did last year and to look into the phragmites in the Central Meridian Uplands and along the Inter-Urban Pathway which may also need treatment

6. Communications

- a. From Rick Brown, former Associate Planner; RE: request for joint meeting been the Environmental Commission and Land Preservation Advisory Board (LPAB):

Coordinator Greenway spoke with Associate Planner Brown regarding the request and suggest earlier in the year such as February or March might be a good time but wanted to talked with the LPAB first. After a brief discussion, Staff was directed to schedule a meeting in February and to include the Park Commission

- b. From: Board Member Stephens; RE: MISIN App web address; database to track invasives
- c. To: Michelle Beloskur, Executive Director, Ingham Conservation District; RE: letter of support of the Michigan Department of Natural Resource's Invasive Species Program grant application
- d. To: Dr. Leslie Kuhn, Mid-Michigan Stewardship Initiative; RE: letter of support of the Michigan Department of Natural Resource's Invasive Species Program grant application
- e. From: Vern Stephens; RE: planting of the 7-acre prairie in early spring at the Southwest Meridian Uplands – Staff and Board Member Stephens gave a brief update on the progress of the project
- f. From: Leslie Kuhn, Stewardship Network; RE: Stewardship Report on the Sturk/Southwest Meridian Uplands Preserve Visit on July 8, 2015

7. Presentations

None

8. Old Business

a. Re-naming Land Preserves

Board Member Brixie reported on developing a naming contest for some of the land preserves with Staff and the Communications Department who spread the word through social media (Facebook and Twitter); on the township website; and through a press release. The Towne Courier also wrote a story about the project. The naming contest began by soliciting new names for 5 of the 19 preserves and the suggested names are listed beneath each current name.

**1. Northwest Preserve**

- Towar Woods (4 votes)

BOARD MEMBER BRIXIE MOVED, BOARD MEMBER SMITH SECONDED, THAT THE LAND PRESERVATION ADVISORY BOARD CHANGE THE NAME OF THE NORTHWEST PRESERVE TO TOWAR WOODS. Voice vote. Motion passed.

**2. Lake Lansing South Preserve**

- Lake Lansing Cattail Marsh
- Lake Lansing Successional Marsh
- 

It was the consensus that the suggestions offered did not describe this preserve and offered the following: Pike Preserve, Carlton Preserve or Carlton Drive Preserve

**3. Central Meridian Uplands**

- Campus Hill
- The Hill
- Okemos Hills
- Meridian Park
- Meridian Preserve
- Meridian Railway Park

The consensus was that the suggestion of The Hill or Okemos Hills was liked but also suggested Okemos Hill Preserve.

**4. Southwest Meridian Uplands**

- Hog Hill
- Glacial Hill

It was suggested that Meridian Railway Preserve might be a more appropriate name for this preserve

**5. Meridian Central Wetland Preserve**

- Virginia White Wetland Preserve
- Pine Lake Outlet Wetlands
- Pine Lake Outlet Preserve
- Meridian Pathway Preserve

It was suggested to not include Pike Lake Outlet or Meridian Pathway in any portion of the name and suggested Haslett Wetlands

It was the consensus of the member to send out a second round of social media requests on the four (4) preserves.

9. New Business

a. Election of Officers for 2016

After a brief discussion, it was the consensus of the members to table this item until the January meeting.

b. 2016 Meeting Schedule

The following resolution was offered by Board Member Brixie and supported by Board Member Smith:

WHEREAS, the Land Preservation Advisory Board desires to announce the time, date, and place of all meetings of the Land Preservation Advisory Board; and

WHEREAS, the Land Preservation Advisory Board deems the 2016 regular meeting schedule sufficient to uphold the Township Board's Policies and Procedures, and advancement toward the Board's Global Ends; and

NOW, THEREFORE, BE IT RESOLVED by the Land Preservation Advisory Board of the Charter Township of Meridian, Ingham County, Michigan, that the Land Preservation Advisory Board adopts its regular 2015 meeting schedule as follows:

<u>Date</u>	<u>Location</u>	<u>Time</u>
January 13	Service Center	6 p.m.
February 10	Service Center	6 p.m.
March 9	Service Center	6 p.m.
April 13	Service Center	6 p.m.
May 11	Service Center	6 p.m.
June 8	Service Center	6 p.m.
July 13	Service Center	6 p.m.
August 10	Service Center	6 p.m.
September 14	Service Center	6 p.m.
October 12	Service Center	6 p.m.
November 9	Service Center	6 p.m.
December 14	Service Center	6 p.m.

1. The Land Preservation Advisory Board has set a schedule to meet on the second Wednesday of the month.
2. Each of the above meetings shall be held at the specified time in the lunch room of the Meridian Service Center, 2100 Gaylord C. Smith Ct., Haslett, Michigan, (517) 853-4000.
3. Special meetings of the Land Preservation Advisory Board may be called pursuant to the statute thereto appertaining.
4. Regular meetings may be canceled, recessed or postponed by members of the Land Preservation Advisory Board pursuant to the statute thereto appertaining.
5. A summary of this resolution stating date, place, and time shall be published in a newspaper of general circulation in the Township, and a copy of this resolution shall be posted in the Meridian Municipal Building.

Roll Call:

YEAS: Jon Mayes, Roland Harmes, Frank Hatfield, Julie Brixie, Mark Stephens, James Kielbaso, Margo Smith

NAYS: None

The resolution passed

- c. Recommend appointments to LPA Board

Administrative Assistant Faust reported the terms expiring this year are Roland Harmes, Jon Mayes and Robert Rusch. She distributed a copy of the Application for Public Service from Jon Mayes and John Schlinker. When

asked about his application, Roland Harmes indicated he wanted to be reappointed, had filled out application and will be sending it in.

Board Members reviewed the following Applications for Public Service:

- Donald Dickmann
- Yuman Lee
- Rico Rios
- Michael Thomas
- Roger Wallace
- Jon Mayes
- John Schlinker

BOARD MEMBER BRIXIE MOVED, BOARD MEMBER STEPHENS SECONDED, TO RECOMMEND THE RE-APPOINTMENT JON MAYES AND ROLAND HARMES AND APPOINTMENT OF YUMAN LEE TO THE LAND PRESERVATION ADVISORY BOARD.

Discussion:

Board Member Smith offered the friendly amendment to separate out the re-appointment and appointment motions. Board Members Brixie and Stephens accepted.

BOARD MEMBER BRIXIE MOVED, BOARD MEMBER STEPHENS SECONDED, TO RECOMMEND THE RE-APPOINTMENT OF JON MAYES AND ROLAND HARMES TO THE LAND PRESERVATION ADVISORY BOARD. Voice vote. Motion Passed.

BOARD MEMBER BRIXIE MOVED, BOARD MEMBER STEPHENS SECONDED, TO APPOINTMENT OF YUMAN LEE TO THE LAND PRESERVATION ADVISORY BOARD.

Discussion:

- Yuman Lee has a background in conservation sciences and works for MSU/Michigan Natural Resources Inventory which would be a great addition to the Board.
- Donald Dickmann is a retired professor of forestry and worked for MSU and would be a great addition.
- When asked if Staff had heard from Robert Rusch, Coordinator Greenway replied not since the November 2014 LPAB meeting.
- Michael Thomas served on the Environmental Commission and previously on the Land Preservation Advisory Board and helped to create the criteria used by the Board in property evaluations

Roll Call:

YEAS: Mark Stephens, Julie Brixie, Roland Harmes, Jon Mayes

NAYS: Margo Smith, Jim Kielbaso, Frank Hatfield

Motion passed.

10. Land Management Coordinator Report

- There have been 12 deer taken to date; three have been reported with CWD and are related in our area; over 500 deer were taken by the sharp shooters; 72 hunters are enrolled in our program with no baiting this year; East Lansing is researching having sharp shooters in their area.
- Included the Quarterly Reports submitted by the Parks and Recreation Department that include activities under Land Preservation; in the future, LPAB would like copies of the report that highlight just the land preservation items
- Financial Report – Board Member Brixie reported the packet included the Land Preservation Budget Summary for 2015 and the Preliminary Financial Statements as of September 30, 2015. The long-term financial picture looks good. When asked how much there is for stewardship and maintenance, she replied there is 2.8 million for acquisition and maintenance and can spend up to 2.5 million on any activity. The current millage will expire in 2020. When asked about a more permanent position for land preservation activities, Coordinator Greenway replied Director Maisner has included additional staffing time in the recommended budget but the request has not been approved by the Township Board. Board Member Brixie stated when looking at funding a full-time position, a benefit package would also need to be included and at the current time, the Township Board is not including additional full-time staff to the budget.

Discussion:

- ✓ do not want to lose good people because the Township is only offering 24 hours a week
- ✓ have enough land now and need to focus on managing and maintaining the land
- ✓ suggested creating a three-year contract position with a set amount to cover a full-time position with the understanding it was only short-term and do it without benefits
- ✓ suggesting talking with Ingham County Parks and share a position like we did when we employed Nick Sanchez
- ✓ Asked staff to look into the options of short-term contract employment or other employment options that could be offered

11. Other

Board Member Hatfield voiced a concern about lack of communication on the Southwest Meridian Uplands project and would like to improve the communication process with more frequent updates. He is very concerned about creating an ecological problem on the Southwest Meridian Uplands site and need for better trail maintenance at this site as well.

12. Public Comment

None

13. Closed Session

BOARD MEMBER SMITH MOVED, BOARD MEMBER BRIXIE SECONDED, TO MOVE INTO CLOSED SESSION TO DISCUSS LAND ACQUISITION OPPORTUNITIES.

Roll Call:

AYES: Jon Mayes, Frank Hatfield, Julie Brixie, Mark Stephens, Jim Kielbaso, Margo Smith, Roland Harmes

NAYS: None

The Board moved into closed session at 7:58 pm.

BOARD MEMBER STEPHENS MOVED, BOARD MEMBER SMITH SECONDED, TO RETURN TO OPEN SESSION.

Roll Call:

AYES: Jon Mayes, Frank Hatfield, Julie Brixie, Mark Stephens, Jim Kielbaso, Margo Smith, Roland Harmes

NAYS: None

The Board moved into open session at 8:34 pm.

BOARD MEMBER STEPHENS MOVED, BOARD MEMBER SMITH SECONDED, FOR STAFF TO TAKE SUCH ACTION AS WAS DISCUSSED DURING CLOSED SESSION. Voice vote. Motion passed.

14. Adjournment

BOARD MEMBER SMITH MOVED, BOARD MEMBER MAYES SECONDED, TO ADJOURN THE MEETING.

The meeting adjourned at 8:36 pm.

Land Preservation Advisory Board  
December 9, 2015

5. COMMUNICATIONS

- To: LPAB; RE: Garlic Mustard
- From: Leslie Kuhn, To: LPAB; RE: The prairie project at Southwest Meridian Uplands/Sturk Land Preserve
- To: LPAB; RE: Update on Southwest Meridian Uplands/Sturk Land Preserve
- To: Township Board; RE: Recommendations to the Land Preservation Advisory Board
- To: LPAB; 2016 Stewardship Network Conference Attendance
- To: LPAB; RE: Volunteer Event Saturday, December 5 at Towar Woodsx
- To: Leslie Kuhn; RE: The Stewardship Network

## Kelsey Dillon

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**From:** Kelsey Dillon  
**Sent:** Tuesday, November 03, 2015 9:20 AM  
**To:** 'Margo Smith'  
**Cc:** Jane Greenway  
**Subject:** RE: Garlic Mustard

Hello Margo,

I hope this answers your questions. I also recommend sending along those source links to show how well-documented and supported herbicide treatment is as a Garlic Mustard control method. Emphasize that because Garlic Mustard gets its leaves so early in the spring and keeps them so late into the fall, foliar applications of herbicide have little negative effects on the native species that are dormant during those times. Leslie Kuhn and the Mid-Michigan Stewardship Network would also be great resources to contact.

Sincerely,  
Kelsey Dillon

Land Stewardship Assistant  
Meridian Charter Township  
5151 Marsh Road  
Okemos, MI 48864  
Phone 517-853-4600  
Fax 517-853-4099

“Creating Community through People, Parks, and Places”

Garlic Mustard, an aggressive exotic plant, has the potential to completely takeover native Midwestern ecosystems. Unlike invasive species that are only found in disturbed areas, Garlic Mustard can dominate both disturbed and undisturbed, valuable habitats. Its ability to do this means a once pristine forest can be overrun with Garlic Mustard within a few years. Garlic Mustard can alter the herbaceous cover of a forest understory so drastically that it causes a decrease in insect diversity which inevitably leads to a decrease in mammal and bird diversity.

Garlic mustard suppresses the growth of forest understory plants by disrupting their affiliation with mycorrhizal fungi, a highly diverse group of soil microbes that most plant species depend on, especially woody plants. Without the fungi aiding in nutrient uptake, many saplings are stunted or even killed by Garlic Mustard. This in turn opens up more area for the invasion to spread

The use of herbicide for the control of Garlic Mustard is well-documented and recommended as an effective method of control. Hand-pulling Garlic Mustard is only advised when the population is small and isolated. Herbicide control should be conducted in the early spring and late fall when the native plants are dormant; this drastically reduces any off-target effects of the treatments. Since Garlic Mustard seeds remain in the seed bank for several years, repeated spraying and pulling is the only way to eradicate an infestation.

Sources:

<http://www.lternet.edu/research/keyfindings/power-invasives>

<http://mnfi.anr.msu.edu/invasive-species/InvasivePlantsFieldGuide.pdf>

[http://msue.anr.msu.edu/news/garlic\\_mustard\\_may\\_be\\_michigans\\_worst\\_woodland\\_weed](http://msue.anr.msu.edu/news/garlic_mustard_may_be_michigans_worst_woodland_weed)

Specifics on herbicide control (what type, how to apply, etc.)

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**From:** Margo Smith [<mailto:Margo.Smith@chm.msu.edu>]

**Sent:** Monday, November 02, 2015 1:25 PM

**To:** Kelsey Dillon

**Subject:** Garlic Mustard

Kelsey: As the new Meridian Township Land Preserve Stewardship Assistant, please describe garlic mustard and why it is an invasive plant to my friends and co-condo owners, Ellie Wilbur and Judy Andre. Judy and Ellie are helping with our campaign to eliminate GM from our Condo Association area and we are planning a strategy for presentation of this information at our Dec. 7 Condo Annual Meeting. We need to answer our and people's questions.

- 1) What impact does GM have on trees?
- 2) What impact does GM have on native plants?
- 3) Why is spraying a good means to control GM along with hand-pulling?

And anything else you wish to add. Thank you for your help with this.

Margo Smith

## Jane Greenway

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**From:** Leslie Kuhn <kuhnl@msu.edu>  
**Sent:** Sunday, November 08, 2015 7:36 PM  
**Cc:** James Kielbaso; hatfield@egr.msu.edu; Julie Brixie; lise@interpretiveideas.com; valleyme@msu.edu; mark stephens; Jon Mayes (DNR); Margo Smith; harmesr@aol.com; Jane Greenway; Jim Hewitt; Phyllis Higman; tickcutter@sbcglobal.net; Tom Valli  
**Subject:** Re the prairie project at Southwest Meridian Uplands/Sturk Land Preserve

Dear Meridian Land Preservation Advisory Board members and neighbors of the Sturk Preserve,

I understand that at a recent meeting there was some misunderstanding as to my views about prairie restoration at the Sturk/SW Meridian Uplands Preserve, and I would like to clarify. There is no doubt that a prairie project on that scale, and in a site with several invasive species, is a big job. Success takes a step-wise approach with significant follow-through from year to year. So, I am excited to hear that Vern Stephens of Designs by Nature has been contracted to do the job. Vern has extensive experience with prairie projects and has been a valued, long-time advisor of Mid-Michigan Stewardship. In Vern's able hands, I am confident that the prairie project will be a big success. I look forward to the time in a year or two when we (and the wildlife) will enjoy the fruits (and flowers) of the new prairie at Sturk!

With best wishes,  
Leslie Kuhn  
Mid-Michigan Stewardship

## Jane Greenway

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**From:** Kelsey Dillon  
**Sent:** Friday, November 13, 2015 2:57 PM  
**To:** kielbas3@anr.msu.edu; jtmayes@sbcglobal.net; harmesr@aol.com; steph143@msu.edu; Julie Brixie; smithmk@msu.edu; Frank Hatfield  
**Cc:** LuAnn Maisner; Jane Greenway; Robin Faust  
**Subject:** Update on STURK/SW Meridian Uplands

Hello LPAB members,

I hope this email finds you doing well! I recently visited the STURK property (SW Meridian Uplands) and had a meeting with Vern Stephens. I wanted to give you all an update since this property and better communication about the land preservation projects were points of concern in the last board meeting.

### Plans with Vern Stephens (Designs by Nature) for the Prairie Planting Project

1. Prep and plant grass species using a cultipacker next spring
2. Plateau/Roundup herbicide to control broadleaf weeds
3. Monitor over summer
4. Fall 2016 broadcast colony planting of forbs if the area is ready (Vern assesses area)
  - a. Hand seed (possible involvement opportunity with school group)
5. Burn in two sections for management in the future, alternate spring and fall
  - a. Fall burns support grasses, spring burns support wildflowers
- The forb seed mix will target flowers with early spring to late fall bloom in order to attract the most pollinator and bird species
- Vern recommends regular mowing in the open area near the prairie to discourage weed growth and make the space more inviting to visitors

### New Project Idea: The Herron Creek Floodplain

- Following advice from Leslie's stewardship plan to address this very valuable riparian zone
- The entire floodplain is overrun with Reed Canary Grass
  - Very aggressive and outcompetes native wetland plants
- I mentioned this in my meeting with Vern Stephens and he recommends flooding if the hydrology will allow for it
  - Flooding or "ponding" in warm weather would control the reed canary grass
  - Flooding would encourage continued use of open water by birds (cranes, herons, ducks, etc.)
  - Only other option for such a large area is aquatic labeled glyphosate or burning
- Bring in Michigan Natural Resources Inventory before any management to assess wildlife in the floodplain (Blandings Turtle, Massasauga Rattlesnake, etc.)
- I contacted Leslie to get more suggestions for the area and she is enthusiastic to get a project in this ecosystem underway
  - She mentioned neighbors that would be interested in staying the loop and coming out to help with management projects
- I will continue to research options for Reed Canary Grass control and contact MNRI for more information about an assessment

### Woody Invasive Treatment

- I've had interest from the Environmental Law Society at MSU Law School in a service project
- I believe if the weather holds out and I can schedule a time that works for them I can organize a project to start treatment of the woody invasive species (buckthorn, honeysuckle and autumn olive) in the forest patches and open areas near the prairie planting sight and floodplain
- I'd like to continue reaching out to groups at MSU to undertake management of STURK because of this site's proximity to the university

Please let me know if you have any questions or concerns. Have a great weekend!

Kelsey Dillon  
Land Stewardship Assistant  
Meridian Charter Township  
5151 Marsh Road  
Okemos, MI 48864  
Phone 517-853-4600  
Fax 517-853-4099

## Robin Faust

---

**From:** Margo Smith <Margo.Smith@chm.msu.edu>  
**Sent:** Friday, November 13, 2015 4:56 PM  
**To:** Kelsey Dillon; kielbas3@anr.msu.edu; jtmayes@sbcglobal.net; harmesr@aol.com; steph143@msu.edu; Julie Brixie; smithmk@msu.edu; Frank Hatfield  
**Cc:** LuAnn Maisner; Jane Greenway; Robin Faust  
**Subject:** RE: Update on STURK/SW Meridian Uplands

Well done, Kelsey!  
Margo Smith

---

**From:** Kelsey Dillon [mailto:dillon@meridian.mi.us]  
**Sent:** Friday, November 13, 2015 2:57 PM  
**To:** kielbas3@anr.msu.edu; jtmayes@sbcglobal.net; harmesr@aol.com; steph143@msu.edu; Julie Brixie; smithmk@msu.edu; Frank Hatfield  
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- I'd like to continue reaching out to groups at MSU to undertake management of STURK because of this site's proximity to the university

Please let me know if you have any questions or concerns. Have a great weekend!

Kelsey Dillon  
Land Stewardship Assistant  
Meridian Charter Township  
5151 Marsh Road  
Okemos, MI 48864  
Phone 517-853-4600  
Fax 517-853-4099

# MERIDIAN TOWNSHIP

**TO:** Township Board  
**FROM:**   
Jane Greenway, Parks and Land Management Coordinator  
**DATE:** November 23, 2015  
**RE:** Recommendations to the Land Preservation Advisory Board

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During the November 4, 2015 Land Preservation Advisory Board (LPAB) meeting, it was noted that current Board Members Roland Harmes, Jon Mayes and Robert Rusch's terms on the LPA Board would be expiring on December 31, 2015.

During this meeting, the LPA Board members reviewed the submitted applications for public services. Jon Mayes submitted his application on November 2 and indicated he would like to be re-appointed. Although Roland Harmes had not submitted an application, he indicated he would like to be re-appointed. Robert Rusch had not submitted an application and it was noted he has not attended a Land Preservation Advisory Board Meeting since November 12, 2014; and.

After review and discussion, the LPA Board voted to recommend Jon Mayes and Roland Harmes for re-appointment and to recommend Yuman Lee for appointment.

The following motion is offered for Board consideration:

**MOVED TO RE-APPOINT JON MAYES AND ROLAND HARMES AND TO APPOINT YUMAN LEE TO THE LAND PRESERVATION ADVISORY BOARD WITH THEIR TERMS TO EXPIRE DECEMBER 31, 2019.**

Cc: Frank Walsh  
LuAnn Maisner  
Land Preservation Advisory Board

## Charter Township of Meridian Land Preservation Advisory Board

Name	Contact Information	End Date
Julie Brixie, Treasurer Township Board Representative (appointed) 5151 Marsh Road, Okemos MI 48864	Office: 517-853-4144	11/20/2016
Roland Harmes Jr Resident Member 5120 Cornell Road, Okemos, MI 48864	Home: 517-881-2068	12/31/2015
Frank Hatfield Resident Member 1578 Sylvan Glen, Okemos, MI 48864	Home: 517-349-4779	12/31/2016
Jim Kielbaso, Chair Environmental Commission Representative (appointed) 4696 Huron Hill, Okemos, MI 48864	Home: 517-349-2095	12/31/2015
Jon Mayes, Vice Chair Resident Member 2099 Ashland Avenue, Okemos, MI 48864	Home: 517-347-7765	12/31/2015
Robert Rusch Resident Member 1597 Pontchartrain Drive, Okemos, MI 48864	Cell: 517-420-0045	12/31/2015
Margo Smith Resident Member 5375 Wild Oak Drive, East Lansing, MI 48823	Home: 517-881-2836	12/31/2018
Mark Stephens Park Commission Representative (appointed) 1710 Haslett Road, Haslett, MI 48840	Home: 517-339-0159	12/31/2015

### **STAFF**

Department of Parks and Recreation – Office: 517-853-4600

LuAnn Maisner, Director / [maisner@meridian.mi.us](mailto:maisner@meridian.mi.us)

Jane Greenway, Parks & Land Management Coordinator/ 517-853-4610 / [greenway@meridian.mi.us](mailto:greenway@meridian.mi.us)

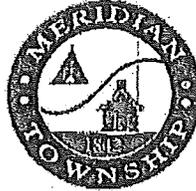
Robin Faust, Administrative Assistant / 517-853-4608 / [faust@meridian.mi.us](mailto:faust@meridian.mi.us)

Meridian Service Center (Nancy Moore Park)

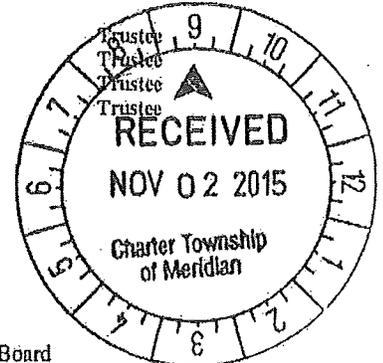
2100 Gaylord C. Smith Court, Haslett, MI 48840

# CHARTER TOWNSHIP OF MERIDIAN

Elizabeth Ann LeGoff    Supervisor  
 Brett Dreyfus            Clerk  
 Julie Brixie              Treasurer  
 Frank L. Walsh          Manager



Milton L. Scates  
 Ronald J. Styka  
 John Veenstra  
 Angela Wilson



## APPLICATION FOR PUBLIC SERVICE

I am interested in service on one or more of the following public bodies as checked below:

- |   |  |
|---|--|
| <input type="checkbox"/> Assessing Board of Review*   | <input type="checkbox"/> Environmental Commission                    |
| <input type="checkbox"/> Building and/or Fire Board of Appeals and Building Hearing Officer | <input checked="" type="checkbox"/> Land Preservation Advisory Board |
| <input type="checkbox"/> Cable Communications Commission*                                   | <input type="checkbox"/> Park Commission (elected/appointed)         |
| <input type="checkbox"/> Capital Area Transportation Authority (C.A.T.A.)                   | <input type="checkbox"/> Pension Trustees                            |
| <input type="checkbox"/> Community Resources Commission                                     | <input type="checkbox"/> Planning Commission                         |
| <input type="checkbox"/> Downtown Development Authority*                                    | <input type="checkbox"/> Township Board (elected/appointed)          |
| <input type="checkbox"/> East Lansing-Meridian Water & Sewer Authority                      | <input type="checkbox"/> Zoning Board of Appeals                     |
| <input type="checkbox"/> Economic Development Corporation                                   | <input type="checkbox"/> Lake Lansing Watershed Advisory Committee*  |
| <input type="checkbox"/> Elected Officials Compensation Commission*                         | <input type="checkbox"/> Other                                       |

(\*Special conditions restrict eligibility for appointment)

Indicate areas not included above which may warrant special attention or study that are of interest to you:

Summarize your reasons for applying for this type of public service:

Describe education, experience or training which will assist you if appointed. (Attach resume if available)

Name: Jon Mayes  
 Occupation: Grant Manager Place of Employment: Michigan DNR  
 Home Address: 2099 Ashland Avenue, Okemos  
 Phone: (days) 284 5954 (evenings) 347-7765 E-mail: jt-mayes@sbcglobal.net  
 Signature: [Signature] Date: 11-1-2015

Other than the Downtown Development Authority Board, persons appointed to Meridian Township boards and commissions must be a resident and elector (of voting age) of the Township during the term of office. Excessive absences may be cause for review of appointment.

(PLEASE USE BACK IF NEEDED)

The policy for appointment of candidates to the various public service positions is based on the following criteria: desire to serve, experience, expertise, availability of time to serve, and maintenance of equitable geographic representation. In most instances it will be desirable to develop further information through a personal interview. This application will be retained in township files for two years. Please return this form to the Office of the Clerk, Charter Township of Meridian.

FOR OFFICE USE ONLY			
Date Received	<u>11.2.15</u>	Distro: <u>EL FW</u>	Application # <u>LPAB1504</u>
Registered Voter:	<u>Y/N</u>	<u>JG</u>	
Date Appointed:		<u>BD MEMBERS</u>	



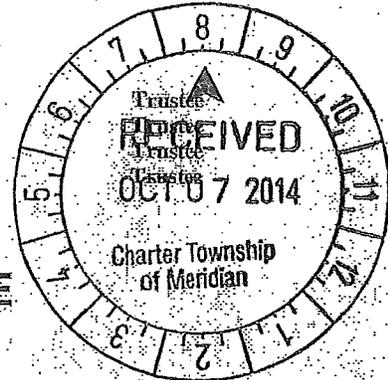
# CHARTER TOWNSHIP OF MERIDIAN

Elizabeth Ann LeGoff  
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Julie Brixie  
Frank L. Walsh

Supervisor  
Clerk  
Treasurer  
Manager



Milton L. Scales  
Ronald J. Styka  
John Veenstra  
Angela Wilson



## APPLICATION FOR PUBLIC SERVICE

I am interested in service on one or more of the following public bodies as checked below:

- |   |  |
|---|--|
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| <input type="checkbox"/> Cable Communications Commission*                                   | <input type="checkbox"/> Park Commission (elected/appointed)         |
| <input type="checkbox"/> Capital Area Transportation Authority (C.A.T.A.)                   | <input type="checkbox"/> Pension Trustees                            |
| <input type="checkbox"/> Community Resources Commission                                     | <input type="checkbox"/> Planning Commission                         |
| <input type="checkbox"/> Downtown Development Authority*                                    | <input type="checkbox"/> Township Board (elected/appointed)          |
| <input type="checkbox"/> East Lansing-Meridian Water & Sewer Authority                      | <input type="checkbox"/> Zoning Board of Appeals                     |
| <input type="checkbox"/> Economic Development Corporation                                   | <input type="checkbox"/> Lake Lansing Watershed Advisory Committee*  |
| <input type="checkbox"/> Elected Officials Compensation Commission*                         | <input type="checkbox"/> Other                                       |

(\*Special conditions restrict eligibility for appointment)

Indicate areas not included above which may warrant special attention or study that are of interest to you:

**BIODIVERSITY + ENVIRONMENTAL CONSERVATION; CITIZEN SCIENCE, GETTING BROAD + DIVERSE AUDIENCES INTERESTED + ENGAGED IN CONSERVATION/NATURE PRESERVATION**

Summarize your reasons for applying for this type of public service:  
**PLEASE SEE ATTACHED**

Describe education, experience or training which will assist you if appointed. (Attach resume if available)

**PLEASE SEE ATTACHED**

Name: **YU MAN LEE**

Occupation: **CONSERVATION SCIENTIST** Place of Employment: **MSU MI NATURAL PORTLANDS**

Home Address: **3559 E. HIAWATHA DR., OKEMOS, MI 48864** INVENTORY

Phone: (days) **517-449-7900** (evenings) **517-449-7700** E-mail: **leeyum@msu.edu**

Signature: **Yu Man Lee** Date: **10/2/2014**

Other than the Downtown Development Authority Board, persons appointed to Meridian Township boards and commissions must be a resident and elector (if of voting age) of the Township during the term of office. Excessive absences may be cause for review of appointment.

(PLEASE USE BACK IF NEEDED)

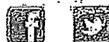
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FOR OFFICE USE ONLY			
Date Received	10.7.14	Distro: EL JG	Application #: LPAB 1402
Registered Voter	Y/N	FW MK	
Date Appointed:		BD MEMBERS	

Form 100-100-100

5151 MARSH ROAD, OKEMOS, MICHIGAN 48864-1198 (517) 853-4000

www.meridian.mi.us



## YU MAN LEE

Conservation Scientist

Michigan Natural Features Inventory, Michigan State University Extension

Constitution Hall  
P. O. Box 13036  
Lansing, Michigan 48901-3036

(517) 248-6201  
(517) 373-9566 (FAX)  
leeyum@msu.edu

### Education:

1997 M.S., Wildlife Science, Oregon State University, Corvallis, OR  
1991 B.S., Natural Resources, University of Michigan, Ann Arbor, MI

### Summary of Qualifications:

Over 17 years of experience designing and conducting inventory, applied research, and monitoring projects that address knowledge gaps and inform development and implementation of biodiversity conservation and management efforts, particularly related to rare species, primarily amphibians and reptiles. Demonstrated ability to work with a variety of agencies and organizations to build partnerships and collaborations to inform and implement biodiversity conservation. Significant experience managing and analyzing data and utilizing NatureServe's natural heritage methodology and Biotics database. Career record of securing and managing over \$1.5 million in grants and contracts.

### Recent Work Experience:

1997 – Present Conservation Scientist and Administrative Supervisor, Michigan Natural Features Inventory, Michigan State University Extension, East Lansing, MI.  
2007-2009 Interim Director, Michigan Natural Features Inventory, Michigan State University Extension, East Lansing, MI.  
2003 Acting Zoology Program Leader, Michigan Natural Features Inventory, Michigan State University Extension, East Lansing, MI.  
1993–1997 Graduate Research Assistant, Forest and Rangeland Ecosystem Science Center, Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR.

### Select Recent Research Projects and Awards:

- Upper Midwest Riverine Turtle Habitat Improvement. Project PI (for MNFI). 2013-present. Sponsors: Michigan Department of Natural Resources Wildlife Division through a Competitive State Wildlife Grant from the U.S. Fish and Wildlife Service. Total award: \$100,000 (over three years).
- Developing an Eastern Conservation Plan for Michigan. Project PI. 2013-present. Sponsor: Michigan Department of Natural Resources Wildlife Division. Total award: \$22,000.
- Identifying and Mapping Vernal Pools on State Forest Lands. Project PI. 2013-present. Sponsors: Verso Paper Corp, Michigan Department of Natural Resources Forest Resources Division, Michigan Natural Features Inventory, and Michigan Forest Products Council. Total award: \$42,700.
- Developing an Approach for Identifying, Mapping, and Assessing Vernal Pools in Michigan. Project PI. 2010-2014. Sponsors: Michigan Department of Environmental Quality, U.S. Environmental Protection Agency Region 5 Wetland Program Development Grant. Total federal award - \$401,334, MNFI portion - \$390,296.
- State Wildlife Action Plan Implementation Resources and Capacity Building Tools for Amphibian & Reptile Conservation: Developing a Conceptual Framework for a Volunteer Monitoring Program for Amphibians and Reptiles Targeting Non-Calling Species. Project PI. 2009 – 2012. Sponsors: Michigan Department of Natural Resources Wildlife Division and U.S. Fish and Wildlife Service. MNFI portion: \$33,000.

- A Climate Change Vulnerability Assessment of Natural Features in Michigan's Coastal Zone. Project PI. 2010 – 2013. Sponsors: Michigan Department of Environmental Quality, Coastal Zone Management Program. Total award: \$105,000 (\$50,000 – Year 1, \$55,000 – Year 2).
- Prairie Fen and Associated Savanna Restoration in Michigan and Indiana for Species of Greatest Conservation Need. Project Team Member/Herp Survey Coordinator. 2009 – Present. Sponsors: Michigan Department of Natural Resources Wildlife Division and U.S. Fish and Wildlife Service.
- Southern Michigan Lands Integrated Inventory Project. Project Team Member/Herp Survey Coordinator. 2010 – Present. Sponsor: Michigan Department of Natural Resources Wildlife Division
- Copperbelly Water Snake Monitoring and Data Analysis Using Occupancy Modelling. Project PI. 2010-Present. Sponsor: U. S. Fish and Wildlife Service East Lansing Field Office. Total award: \$73,335 (\$18,500 – Year 1, \$12,837 – Year 2, \$41, 998 – Years 3 and 4).
- Eastern Massasauga Status Update for Michigan. Project PI. 2011-2012. Sponsor: U. S. Fish and Wildlife Service Chicago Illinois Field Office. Total award: \$8,146
- Ecology and Conservation of Eastern Foxsnakes in Southeastern Michigan. Project Co-PI. 2005-2009. Sponsor: Michigan Department of Natural Resources Wildlife Division Total award: \$143,637.
- Assessment of Turtle Use and Mortality along the US-31 Highway Crossing of the Muskegon River. Project PI. 2005 – 2009. Sponsor: Michigan Department of Transportation, Bureau of Transportation Planning, Environmental Section Total award: \$96,770.

#### **Publications and Technical Reports:**

Author, co-author, or contributing author of over 45 technical reports, 20 MNFI species abstracts, 3 peer-reviewed publications, 1 technical booklet/guide, 2 popular articles or outreach materials, and 2 online resources. Select recent publications and technical reports:

- Lee, Y. 2014. Upper Midwest Riverine Turtle Habitat Improvement and Conservation – Michigan 2014 Progress Report. Progress Report to the Michigan Department of Natural Resources. Michigan Natural Features Inventory Report No. 2014-16, Lansing, Michigan. 40 pp.
- Lee, Y., P. J. Badra, M. Battaglia, L. L. Bourgeau-Chavez, H. D. Enander, D. A. Hyde, B. J. Klatt, Z. Laubach, M. J. Monfils, M. R. Penskar, K. Scarbrough, and E. H. Schools. 2014. Developing an approach for identifying, mapping, and assessing vernal pools in Michigan. Michigan Natural Features Inventory Report No. 2014-07, Lansing, MI.
- Lee, Y., M. A. Kost, J. G. Cohen, and E. H. Schools. 2012. Climate Change Vulnerability Assessment and Adaptation Strategies for Natural Communities in Michigan, Focusing on the Coastal Zone. Michigan Natural Features Inventory Report No. 2012-18, Lansing, MI. 185 pp.
- Lee, Y. 2012. Developing a Conceptual Framework of Recommendations for Monitoring Amphibians and Reptiles Using Non-Calling Surveys and Volunteers. Final Report to the Michigan Department of Natural Resources. Michigan Natural Features Inventory Report No. 2012-11, Lansing, Michigan. 24 pp. + appendices.
- Michael A. Kost, **Yu Man Lee**, Peter J. Badra, Michael J. Monfils, Michael R. Penskar, and Helen D. Enander. 2012. Natural Features Inventory and Management Recommendations for Port Huron State Game Area. Michigan Natural Features Inventory Report Number 2012-05, Lansing, MI. 82 pp.
- Lee, Y., B. A. Kingsbury, and A. Bauer. 2011. Monitoring the northern population of Copperbelly Water Snake (*Nerodia erythrogaster neglecta*) using occupancy estimation and modeling to inform conservation. Michigan Natural Features Inventory, Report Number 2011-07. Submitted to the U.S. Fish and Wildlife Service, East Lansing Ecological Services Office, East Lansing, MI. 20 pp + appxs.
- Monfils, M. J., and Y. Lee. 2011. Estimating population parameters for the northern population of Copperbelly Water Snake (*Nerodia erythrogaster neglecta*) to inform conservation and monitoring. Michigan Natural Features Inventory, Report Number 2011-02. Submitted to the U.S. Fish and Wildlife Service, Region 3 Endangered Species Office, Federal Building, Ft. Snelling, MN.

- Christoffel, R.A., D. Hyde, and Y. Lee. 2010. Michigan's Eastern Massasauga Rattlesnake Outreach Initiative: Rattlin' an Image. *IRCF Reptiles and Amphibians* 17(23): 130-135.
- Lee, Y., R. A. Christoffel, and D. A. Hyde. 2009. Learning to Live with the Eastern Massasauga: Expanding Outreach in Southern Michigan: Expanding Outreach in Southern Michigan. Final report to the U.S. EPA Region 5 Office.
- Attum, O., Y. Lee, and B. A. Kingsbury. 2009. The Status of the Northern Population of the Copper-bellied Watersnake, *Nerodia erythrogaster neglecta*. *Northeastern Naturalist* 16:317-320.
- Attum, O., Y. M. Lee, J. H. Roe and B. A. Kingsbury. 2008. Wetland complexes and upland-wetland linkages: landscape effects on the distribution of rare and common wetland reptiles. *Journal of Zoology* 275:245-251.
- Attum, O., Y. M. Lee, J. H. Roe and B. A. Kingsbury. 2007. Upland-wetland linkages: relationship of upland and wetland characteristics with watersnake abundance. *Journal of Zoology* 271: 134-139.
- Lee, Y. and M. Monfils. 2008. Assessment of Turtle Use and Mortality and Evaluation of the Turtle Fence along the US-31 highway crossing of the Muskegon River: 2008 Final Report. Report number 2008-18. Report for the Michigan Department of Transportation, Bureau of Transportation Planning, Environmental Section, Lansing, MI.
- Lee, Y. 2006. Monitoring of Eastern Fox Snakes (*Pantherophis gloydi*) in response to habitat restoration at Sterling State Park in southeast Michigan. Report number 2006-17. Report for the Michigan Department of Natural Resources, Parks and Recreation Division, State Park Stewardship Program, Lansing, MI. 31 pp + appendices.

**Professional Affiliations:**

- Michigan Partners in Amphibian and Reptile Conservation (MIPARC) – Advisory Board Member/Treasurer
- Midwest Partners in Amphibian and Reptile Conservation (MWPARC)
- Michigan Amphibian and Reptile Technical Advisory Committee
- Copperbelly Water Snake Tri-State Partnership Steering Committee
- Michigan Nature Association (MNA) – MNA Board Trustee and Member
- Au Sable River Watershed Project Steering Committee
- Michigan Wetlands Association

## Robin Faust

---

**From:** Jane Greenway  
**Sent:** Tuesday, November 24, 2015 11:18 AM  
**To:** Kielbaso, James (kielbas3@anr.msu.edu); JON MAYES (jtmayes@sbcglobal.net)  
**Cc:** 'margo.smith@chm.msu.edu'; Stephens, Mark (steph143@anr.msu.edu); 'harmesr@aol.com'; 'hatfield@egr.msu.edu'; Julie Brixie; Kelsey Dillon; Robin Faust  
**Subject:** FW: 2016 Conference: Early bird registration still available!

Dear LPAB Members,

Please let me know if you would like to attend the 2016 Stewardship Network Conference at the Kellogg Center. You can either go on one day or both days.

Thanks,  
Jane

January 15th & 16th, 2016  
Kellogg Conference Center  
East Lansing, MI

## 2016 Agenda

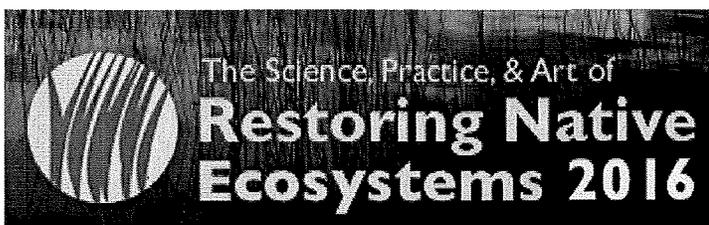
[View the agenda now](#)

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**From:** Margo Smith [mailto:Margo.Smith@chm.msu.edu]  
**Sent:** Tuesday, November 24, 2015 10:54 AM  
**To:** Jane Greenway <greenway@meridian.mi.us>  
**Subject:** FW: 2016 Conference: Early bird registration still available!

Jane: I would like to attend the Friday sessions. Would LPAB help to pay? OK if no.  
Margo

**From:** The Stewardship Network [mailto:staff@stewardshipnetwork.org]  
**Sent:** Monday, November 23, 2015 6:40 PM  
**To:** Margo Smith  
**Subject:** 2016 Conference: Early bird registration still available!



**January 15th & 16th, 2016**  
**Kellogg Conference Center**  
**East Lansing, MI**  
*Please share widely!*

## **Early Bird registration rates available through December 18th!**

### Register now

Discounted registration rates are available to our early birds signing up by December 18th. **Registration rates will increase significantly after that date**, so be sure to sign up early. Learn more on our [FAQ page](#).

**Breaking News!** AmeriCorps members, we invite you to register at the Student Registration Rate. Your involvement at this event is important to us, and we think this will be a great opportunity for you to learn and network with professionals in the environmental field.

## **Natural Areas photo contest - enter for a chance to win \$100**

We are proud to present the "Natural Areas" photo contest during the 2016 conference. The contest will be judged by WMU environmental historian and photographer Lynne Heasley. There will be two divisions: Student and Open. Each division offers a grand prize of \$100. Suggested themes for this contest are

- Natural Areas and People Working in Them
- Plants, Animals and Their Interactions
- Landscapes
- Photos Conveying Stewardship and Restoration Concepts

There is a limit of 5 submissions per person, and you do not need to attend SPA 2016 to enter the contest. The deadline for submissions is **December 18th**. Winners will be announced at the conference on Friday, January 15th.

[Click here to submit your photo.](#)

## **Tag yourself!**

Pictures from the 2015 conference are now available - thanks to Patricia Pennell for such great images!

[Click here to check out the photo album on our Facebook page](#)

## **2016 Agenda**

### View the agenda now

We're excited to unveil our full agenda, which will highlight Keynote Speakers [Dan Longboat](#) and [Carolyn Finney](#). From the [agenda PDF](#), you can click the titles of each talk to read an abstract of the presentation and a bio for the speaker(s). Enjoy exploring!

## **Call for Poster Abstracts open through Decemeber 1st!**

### Learn more and submit your abstract

Posters are a fantastic way for professionals, students, and volunteers to present on their field work and research. Your poster will be displayed for the duration of the conference, and the Friday Evening Poster Reception provides a dedicated time for you to answer questions and connect with others over your work. All posters submitted by currently enrolled students will be

automatically included in the Best Student Poster competition, adjudicated by a panel of academics and land management professionals. The winner will receive recognition that evening and a prize of \$100.

We hope to see you all there!

**-SPA Conference Planning Committee**

Alexa Bandeian - Best Student Poster award winner, 2015  
Barb Barton - Michigan Department of Transportation & The Gathering Society  
David Borneman - City of Ann Arbor Natural Area Preservation  
Lisa Brush - The Stewardship Network  
Jannan Cornstalk - Little Traverse Bay Band of Odawa Indians  
Jacqueline Courteau - Ecology consultant  
Lauri Elbing - Friends of the Shiawassee River  
Celia Larsen - Rudolf Steiner School  
Erin Mittendorf - The Stewardship Network  
Kyle Whyte - Michigan State University

Unsubscribe from this email list

Unsubscribe from ALL email from The Stewardship Network  
416 Longshore Dr.  
Ann Arbor, MI 48105  
United States

## Kelsey Dillon

---

**From:** Kelsey Dillon  
**Sent:** Thursday, December 03, 2015 10:58 AM  
**To:** kielbas3@anr.msu.edu; steph143@msu.edu; 'Margo Smith'; jtmayes@sbcglobal.net; harmesr@aol.com; 'Frank Hatfield'; Julie Brixie  
**Cc:** LuAnn Maisner; Jane Greenway  
**Subject:** FW: Volunteer Event Saturday, December 5th  
**Attachments:** FAQ\_Gardener\_Brochure-2011.pdf; Meet-Up Location.pdf

Dear LPAB Members,

I just sent this email to two boy scout troops helping me with a volunteer project in Towar Woods this Saturday, December 5<sup>th</sup>. I have been coordinating with them for a few weeks now and we have finalized the details of the project. If any of you are available and would like to come join us out there that would be great. I'm giving a short lesson before each group starts the project about the importance of stewardship and Dave C. will be giving a brief site history. It should be a very successful event!

Thank you,  
Kelsey Dillon

---

**From:** Kelsey Dillon  
**Sent:** Thursday, December 03, 2015 10:16 AM  
**To:** 'Steve Rigg'; 'Stacy liddick'  
**Cc:** 'dcrico@comcast.net'; Jane Greenway  
**Subject:** Volunteer Event Saturday, December 5th

Hello Steve and Stacy!

I'm so excited for this Saturday and the weather report continues to look very promising (knock on wood). I have just heard back from Castle Pointe Apartments and they are willing to let us use the uncovered parking spots in their lot for Saturday. Please do not park in the covered spaces as those are assigned to certain tenants and we want to keep a good relationship with the management company. There is an easily accessible trail from the back of the parking lot (**see attached map for meet-up position**). This is the address for Castle Point Apartments: 3075 Enderhall Way, East Lansing, MI 48823. Dave Caszatt is going to be helping me out with the project since there is a lot to oversee. He is a former member of the Land Preservation Advisory Board and has been actively working in Towar Woods for years. We decided to add a few more projects so that all of the troops will be busy working the whole volunteer period. I will be working with the troops who are using the Plantskydd product and Dave will be conducting a trail clearing and trash cleanup within the preservation (the boys can switch halfway through or pick one project for the whole period, it's flexible). **Please tell your troops to bring:** gardening gloves for the trash/brush pickup, wear old clothes and sturdy shoes, and dress for the weather since we'll be out there for a few hours. I will provide nitrile gloves to use while spraying the blood product so their own gloves will not be stained. Again, please make sure to provide information about the Plantskydd to parents beforehand so they can direct any questions or concerns to me before Saturday (brochure attached to email). If anyone has an issue with the product they can always work the entire period with Dave on the trail clearing and trash pick-up.

Stacy – Your troop is set to work from 10am-12pm  
Steve – Your troop is set to work from 12:30pm-3pm

I'd really appreciate if you both could please provide me with approximate numbers by the end of today or early (before 10am) tomorrow. I am buying the supplies tomorrow morning. HOMTV will possibly be sending out an intern to take

photos and video of the volunteer event and in any case we will be taking photos and highlighting the project on our Parks and Recreation Facebook group (please let me know ahead of time if this is an issue for any of the scouts). I'm happy to answer any further questions by email or phone. If it's after 2pm either email or call my cell (937-684-7484). My cell will also be the best way to contact me on Saturday.

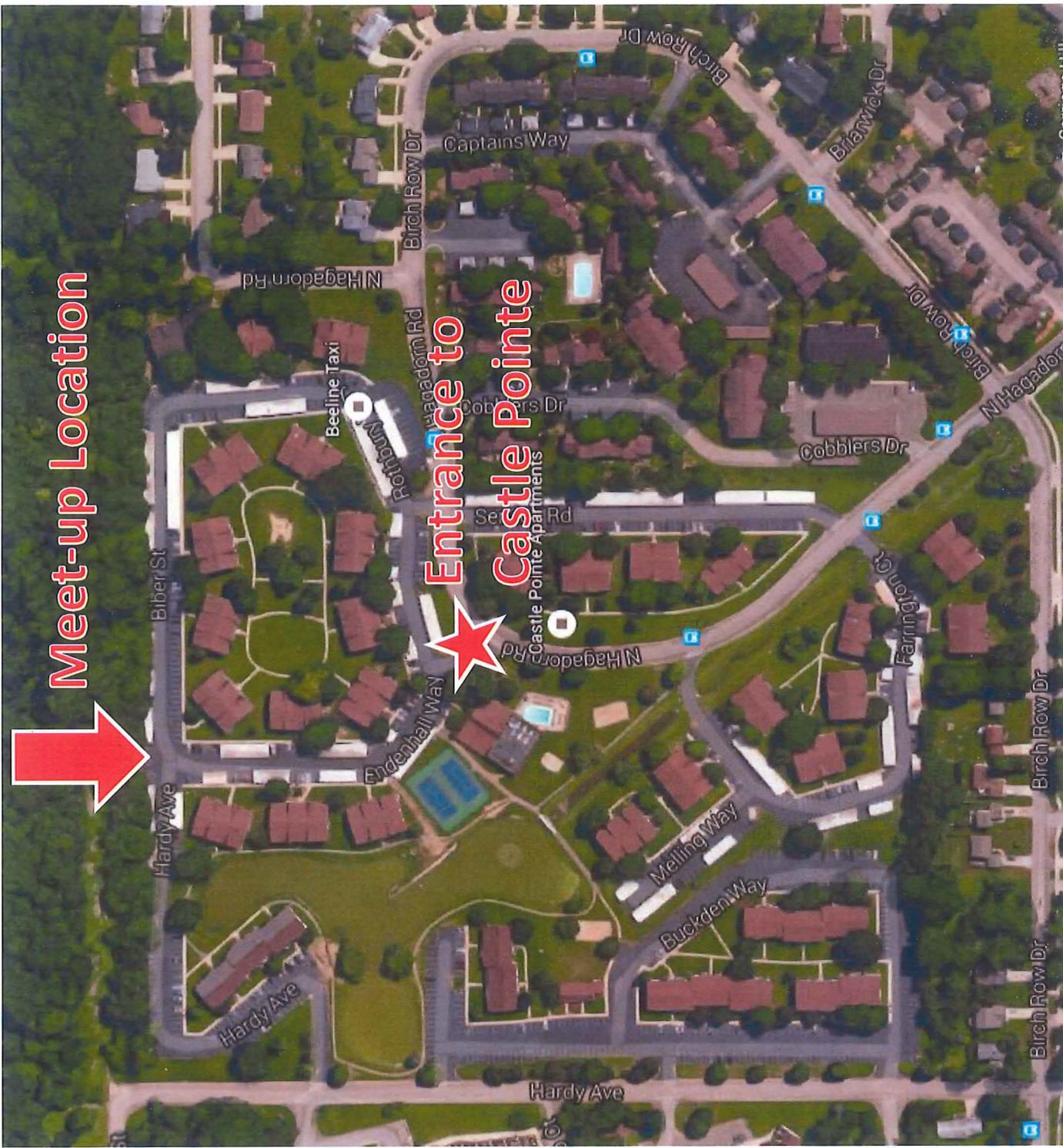
Thank you both so much for your commitment to this project. We really appreciate the extra help and love the chance to connect with young community members.

Sincerely,  
Kelsey Dillon

--

Land Stewardship Assistant  
Meridian Township Parks and Recreation  
2100 Gaylord C. Smith Court  
Haslett, MI 48840  
Phone 517-853-4600  
Fax 517-853-4099

Now you can like the "Meridian Parks Volunteer Connection" on Facebook!  
<https://www.facebook.com/groups/1676277579259237/>



Meet-up Location

Entrance to  
Castle Pointe

Plantskydd – Swedish for 'Plant Protection'

Longest Lasting, Year Round Protection!

### Testimonials

#### Simply the best repellent—I've tried them all!

—Karen Park Jennings, owner, Park Seed Company, Greenwood, South Carolina

This all-natural, 100% environmentally safe spray is **simply the best I've ever found**—and I've tried them all. You will love spraying once every few months instead of after every rainfall. **This makes Plantskydd far more economical than most animal repellents.** The real advantage is simple—Plantskydd works!

#### We've had hundreds of accounts tell us nothing works as well, or as long!

—Joel Klessens, Wholesale Division, Alaska Garden & Pet

#### I can't keep it on the shelves fast enough. Everybody loves it!

—Sharon Parker, S&W Conservation District, Jackson County, Michigan

#### We have tried all the other deer repellents....

—Lee Padgett, Landscape Manager, Reynolds Plantation Owners Association, Lake Oconee (Atlanta), Georgia

Reynolds Plantation is a **7,000 acre, upscale resort** and residential community, with a very large deer population. We were initially rather skeptical to try *Plantskydd* because we have tried all the other deer repellent products and did not see very good long-term results. We were impressed!

*Plantskydd* is mainly used for our annual color plantings (pansies and violas in the winter season, and begonias, petunias, impatiens, salvias, etc. in the summer season) and **we have had remarkable results.** We have since used it on all types of landscape plantings, and have found the same results.



Several of the property owners using *Plantskydd* have since dismantled their electric deer fences surrounding their property; creating a more pleasing outside appearance for their home. We have a steady stream of visitors who are amazed as they ride throughout the property and see deer everywhere, yet note very little damage to our landscape plantings. Thank you again for such an effective product!

### Testimonials

#### I haven't had any VOLE damage!

—Cheryl Martin, Franktown, Colorado

I haven't had any vole damage since spraying with *Plantskydd*. I am thrilled! My flowers are more beautiful than they have been in decades. **No deer damage, no bunny damage, no vole damage!**

#### You don't have to re-spray after each rain...

—Marlene Johnston, Orofino, Idaho

Last August I replanted my entire iris garden—350 varieties. Four years ago, deer came and pulled up over 70 newly planted varieties. Although I saw some evidence of deer before applying *Plantskydd*, there was **no further evidence of deer** visiting my iris garden. None at all.



#### I was also finally able to enjoy my roses. What a bonus!

While *Plantskydd* seems expensive at the outset, one advantage I really like is that **you don't have to re-spray after each rain.** I've recommended it to many people—a product that really works!

#### Rabbits hate Plantskydd!

—Kim Green, Simi Valley, California

I applied *Plantskydd* in early spring to all the perennials and spring flowering bulbs the rabbits usually chomp to the ground. **For the first time ever—not a nibble!**

#### Plantskydd is better than fencing!

—Steve Sandeen, Head Gardener, College of the Redwoods, California

In the 13 years that I have worked for the College, I have tried many commercially available repellents for browsing deer, but none of them worked for very long. Then our local Agriculture Commissioner told me to try *Plantskydd*—so safe it isn't regulated by the EPA!

Wow, what results! The deer stayed completely away from treated plants. **Even after weeks of rain, deer did not return** for over a month. We are starting to replant species we had given up on as being impossible to grow in our deer infested environment. **I think Plantskydd is better than fencing!**

### Why is Plantskydd Repellent the #1 choice of Professional Growers?

- **PROVEN** by independent research to out-last and out-perform all other repellents—up to 6 months over-winter!
- **EFFECTIVE** against: deer, rabbits, voles, elk, moose, chipmunks, squirrels, nutria, opossum, and mountain beaver.
- **RAIN-RESISTANT**—no need to re-apply after every rainfall.
- **SAFE** for use in vegetable gardens, on fruit trees and food crops.
- **ORGANIC**—first animal repellent OMRI Listed by the Organic Materials Review Institute for food production.
- **3 FORMULATIONS** for maximum effectiveness and user convenience.
- **BONUS**—built in fertilizer results in bigger, healthier plants!



For **DEALER LOCATOR**, testimonials, FAQs and field trial results visit:  
[www.plantskydd.com](http://www.plantskydd.com)  
[www.treeworld.com](http://www.treeworld.com)

Email: [info@treeworld.com](mailto:info@treeworld.com)  
Call Toll Free: **1-800-252-6051**



Tree World—USA  
1421 S. 11th Street  
St. Joseph, MO 64503

Tree World—Canada  
4466 Stalschen Drive  
Surrey, BC V0N 3A1



# Protect your GARDEN



## Plantskydd<sup>®</sup>

**REPELLENT**

**DEER • RABBITS • VOLES**



**PROVEN EFFECTIVE**  
FOR UP TO 6 MONTHS



Soluble Powder Concentrates



Ready-to-Use Sprays



Granular ShakerPaks

#1 Choice of Professional Growers, Foresters, and Landscapers

#1 Most Tested • Most Effective • Longest Lasting

## Plantskydd Repels



Deer



Rabbits



Voles



Chipmunks & Squirrels



Opossum



Elk



Moose

### Is Plantskydd safe to use?

Yes! **Made in the U.S.A.** Pronounced: *plant-skidd*, it contains no synthetic additives, is non-toxic, and is not harmful to animals or the environment. *Plantskydd* is Swedish for 'plant-protection,' where it was first developed to protect its vast tree plantations from browsing by deer, rabbits and moose—while also adhering to its strict environmental laws. It is equally effective protecting ornamentals, shrubs, and food crops.

### Can I use Plantskydd on my vegetable garden?

Yes! *Plantskydd* is safe for use in protecting vegetables, legumes, fruit and other food crops from animal browse damage.

### OMRI listed ORGANIC

*Plantskydd*—the first animal repellent **OMRI Listed** by the Organic Materials Review Institute as suitable for use in the production of organic food and is USDA approved for organic gardening.

### BONUS! — Fertilizing Effect

*Plantskydd*'s active ingredient has long been recognized as an organic fertilizer.

"All plants tested that were treated with *Plantskydd* were larger, had more flowers and generally had greener leaves. This response is typical of the response created by an increased level of fertilization."

—E. Jay Holcomb, Professor of Floriculture, Penn State University

### Plantskydd is a Proven Leader!

- #1 Most Tested
- #1 Most Effective
- #1 Longest Lasting

100% Organic—OMRI listed  
Rainfast in 24 hours  
Acts as a fertilizer

## Frequently Asked Questions

### How is Plantskydd different from other repellents?

Unlike other repellents that quickly lose their effectiveness after irrigating or rainfall, *Plantskydd* is rain and snow resistant. It does not require immediate re-application and is now the #1 animal repellent choice of professional growers, foresters, and landscapers.

### Why does Plantskydd work so well?

*Plantskydd* repels by emitting an odor browsing animals associate with predator activity—stimulating a fear-based response that will have garden feeders looking for somewhere else to dine.

Research\* has proven odor based repellents are more effective than other repellent systems. Animals avoid plants before they bite—not after!

\* Studies investigating trends in efficacy of deer repellents indicate that, of the 20 products tested, repellents with active ingredients that emitted sulfurous odors i.e., bloodmeal or egg solids, generally provided the best results.

—Nolte & Wagner, USDA / APHIS, National Wildlife Research Center Olympia, WA. (Advances and Challenges in Forest Regeneration - 2000)

*Plantskydd* is proven effective against: deer, rabbits, elk, moose, voles, squirrels, chipmunks, hares, nutria, opossum and other small critters.

- Most Tested • Most Effective • Longest Lasting

View over 50 Field Tests\* conducted by researchers, farmers, foresters, growers and professional landscapers in the USA, Canada, and Sweden—[www.plantskydd.com](http://www.plantskydd.com)

### What is Plantskydd?

Made from (porcine or bovine) dried blood\*, vegetable oil, and water. An EPA exempted, minimum risk\* pesticide, and is exempt from Federal Insecticide, Fungicide, and Rodenticide Act requirements, specifically under Section 25(b).

The EPA has determined... the use of these\* pesticides poses insignificant risks to human health or the environment. The agency... is responding to society's increasing demand for more natural and benign methods of pest control.

### What Plantskydd formula is best for me?

For large herbivores—**Deer, Moose and Elk**—use pre-mixed liquid *Plantskydd* or the economical, Soluble-Powder-Concentrate.

For Rabbits, Voles, Chipmunk, Squirrels, Nutria, Opossum, Mountain beaver—use Granular *Plantskydd*.

#### Pre-mixed RTU liquid

- 1 quart / 1 litre spray Bottle—protects over 100 plants, 1 ft high
- 1.3 gallon / 5 litre Jug—protects 500-600 plants, 1 ft high

#### Soluble-Powder Concentrate (mix your own)

- 1 lb / 454 g—protects over 400 plants 1 ft high
- 2.2 lb / 1 kg—protects over 900 plants 1 ft high
- Bulk\* 22 lb / 10 kg—protects over 9000 plants 1 ft high

\* Ideal for agriculture, golf courses, and large estate landscapes.

#### Granular Formulation

—Not Available in CANADA—

- 1 lb—protects approx. 600 sq.ft
- 3 lb—protects approx. 1,800 sq.ft
- 7 lb—protects approx. 4,200 sq.ft
- Bulk\* 20 lb—protects approx. 12,000 sq.ft

\* Ideal for agriculture, golf courses, and large estate landscapes.

### How can I protect fruit trees?

**Whips**—if you're planting fruit tree whips, dip them in *Plantskydd* solution before planting, or coat the whips using a paint brush. Then spray trees when leaves have formed.

**Mature trees**—treat prior to bud-flush, or 2-3 weeks after. Avoid treatment while buds are forming. Treatment over foliage is enough to deter browsing herbivores.

### Will Plantskydd hurt my dog?

Some users have reported that the family dog is quite enamored with *Plantskydd* when it is initially sprayed on plants. It will not harm animals, but it's best to leave Fido inside, until treated plants are dry (1-2 hrs).



**Pre-mixed Liquid and Mix-your-own Concentrate**  
Best for: deer, elk, moose.



**Granular Formulation**  
Best for: rabbits, voles, and small critters  
(chipmunks, squirrels, nutria, opossum, mountain beaver).  
—Not Available in CANADA—



## Plantskydd Safe & Effective



Safe for Kids & Pets



Veggie Gardens



Landscapes



Flower Gardens



Nurseries



Fruit Growing



Forestry

**OMRI**  
Listed  
Organic Materials Review Institute

**OMRI**  
Production  
ORGANIC

Safe for use in protecting fruit, vegetables and other food crops against animal browse damage.

## Jane Greenway

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**From:** Jane Greenway  
**Sent:** Friday, December 04, 2015 8:37 AM  
**To:** 'Leslie Kuhn'  
**Subject:** RE: The Stewardship Network

Hi Leslie,

I think that sounds like an excellent idea and plan of attack. The meeting dates are January 13, 2016 and February 10, 2016. Either date is fine with us.

Have a good weekend!  
Jane

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**From:** Leslie Kuhn [mailto:kuhnl@msu.edu]  
**Sent:** Thursday, December 03, 2015 4:30 PM  
**To:** Jane Greenway <greenway@meridian.mi.us>  
**Subject:** Re: The Stewardship Network

Hi, Jane,

Thanks for the heads-up. I think that would be a good topic to tackle in January or February. What are the dates of the LPAB meetings then? I could come up with a suggestion, fly it by you, and then we could present it to the LPAB. Hope you had a really nice Thanksgiving!

Leslie

On Dec 3, 2015, at 3:22 PM, Jane Greenway <[greenway@meridian.mi.us](mailto:greenway@meridian.mi.us)> wrote:

Hi Leslie,

Lisa Brush keeps calling me to ask about funding for the Stewardship Network. I recall in years past (was it last year or two years ago?) we changed things to contribute more to the Mid-Michigan group and less to the Stewardship Ntwk.

Are you planning to approach the LPAB to ask for renewed funding? If not, I can do it, but would like a bit of help from you with the allocations and the designated projects.

Thank you,  
Jane

Jane L. Greenway, LLA  
Parks and Land Management Coordinator  
Meridian Charter Township  
5151 Marsh Road  
Okemos, MI 48864

Phone 517-853-4610

Fax 517-853-4099

*"Creating Community through People, Parks, and Places"*



## CHARTER TOWNSHIP OF MERIDIAN

Land Preservation Advisory Board  
December 9, 2015

### Land Management Report

#### 1. 2016 Management Plan

- An updated 2016 Management Plan will be provided at the January 13, 2016 LPAB meeting

#### 2. 2015 Management Summary

- Provided for your information

#### 3. 2016 Joint Meeting

- January 12, 2016, summary of 2015 activity and plan for 2016

#### 4. Towar Woods Preserve, Management Update

- 11/5/2015: Towar Woods Buckthorn, Honeysuckle, and Autumn Olive Removal 9AM-12PM (3 hours): Volunteers (Dave Caszatt, Sandy Davis, and Don Dickman) moved throughout the property with two backpack sprayers and two markers (spray paint) treating Buckthorn, Autumn Olive, and Honeysuckle. Large and small plants were targeted especially around valuable hardwood saplings.

#### 5. Southwest Land Preserve/Sturk

- Met with Vern Stephens to discuss the planting timeline (emailed to LPAB members)
- Assessment of forest and floodplain area
  - Woody invasive will be easy to treat, reed canary grass infestation plan will take time to develop

#### 6. Mary Helmbrecht Pollinator Garden – Historical Village

- Canada Thistle in plot treated with herbicide
- Planted all 400+ native plugs in the new garden and filled in areas of the existing garden
  - New area measured 13ft x 20 ft
- Students rotated stations between planting the garden, fishing exercise with Mark Stephens, a tour of the historical village, and a recreational program with Mike Devlin
- Sign was modified and ordered

#### 7. Davis/Foster Preserve

- Black locust treatment plan
- Will prepare prescribed burn plans over the winter for a spring 2016 burn

#### 8. Deer Management Update

- 29 deer harvested

**Stewardship Assistant Report for Kelsey Dillon**  
**Monthly Accomplishments and Updates – November 2015**

11/1-11/7

- Response to Margo Smith about Garlic Mustard for the HOA
  - Email printed and in LPAB meeting report
- Land Preservation Board Meeting
  - Introduction, accomplishments so far, future goals
  - Complete a priority list by January's meeting
- Work in Towar Woods to treat buckthorn, autumn olive, and honeysuckle
  - Volunteers (Dave Caszatt, Sandy Davis, and Don Dickman) moved throughout the property with two backpack sprayers and two markers (spray paint) treating Buckthorn, Autumn Olive, and Honeysuckle. Large and small plants were targeted especially around valuable hardwood saplings.
- Breakfast with leadership committee, quick introduction and future goals
- Round-up the garden planting area in the Historical Village to kill grass
- Put dog leash signs up at Davis Foster to ensure the nesting birds will not be bothered
  - Printed and in LPAB meeting report

11/8-11/14

- Created the Meridian Volunteer Connection Form using Google Forms
  - Easy way for volunteers to sign up for volunteer projects and we can now keep comprehensive lists of our volunteer base
- Assessment of SW Land Preserve/STURK
  - Emailed Leslie Kuhn about potential project to rid reed canary grass by using flooding
  - This assessment is included in the email sent out to LPAB members
- Study for Pesticide Exam (common core exam on Monday 11/16)
- Order Plantskydd and backpack sprayer
  - Plantskydd is an organic, chemical free tree protectant for the pine seedlings in Towar Woods that is made of dried cow and pig blood
- Meeting with Vern on Friday discussing STURK property and Garden planting
  - Notes for this meeting were written up and sent to members of LPAB to update them on the project at STURK

11/15-11/21

- Passed pesticide exam on Monday (common core)
  - Will take further tests in other areas throughout the winter months
- Contacted two scout troops and responded to MSU law society about volunteer project
  - MSU law can no longer conduct a project this year due to finals, but they are willing to help with the tree planting in Towar Woods next spring
- Troop 265 and Scoutmaster Rigg's troop are both interested in using the Plant Skydd in Towar Woods, confirmed Dec. 5<sup>th</sup> date with troop 265 and Dave C.

- Placed order with Doug Zimmerman for more Michigan Blend herbicide
  - This is to be used in STURK and for the black locust trees in Davis Foster
- Reapplied herbicide to garden site in Historic Village to prep the area for the native plant garden
- Created teaching tools for kids about pollinators for garden planting
  - Importance of pollinators and stewardship of natural areas
- Successful field day for the Murphy Elementary Students!
  - Planted all 400+ native plugs in the new garden and filled in areas of the existing garden
    - New area measured 13ft x 20 ft
  - Students rotated stations between planting the garden, fishing exercise with Mark Stephens, a tour of the historical village, and a recreational program with Mike Devlin

11/22-11/28

- \*Week of Thanksgiving, only worked on Tuesday 11/24/15
- Researched information on MNFI's pricing for STURK
  - Included in LPAB meeting packet, but I believe we should contact MNFI for the Rare Species and Natural Feature Assessment
  - I want their opinion on the flooding plan we have for the reed canary grass control
- Finished Mary M.G. Helmbrecht sign for Historical Village garden planting
  - Currently being made by Signarama
- Further organization of the December 5<sup>th</sup> volunteer day
- Created Herbicide Record (required to keep track of all pesticide applications)
  - Required by FIFRA

11/29-12/5

- Meeting in Towar Woods with Dave C. discussing the upcoming volunteer event
  - Include a trash pick-up and trail clearing to keep all scouts busy
- Responded to both scout groups about Saturday's volunteer event
  - Forwarded this email to LPAB members
- Created a list of supplies needed for the volunteer event
- Contacted Vern Stephens about visiting his nursery and returning supplies (also ID lesson)
- Contacted Katherine Neils about black locust in Davis Foster prairie
  - Going out to spray on Monday at 11am
  - We will cut down the small black locust trees and treat with herbicide and use a babsal bark treatment on the larger black locust within the prairie
  - Nothing will be done with the large grandparent black locusts in the forest patch, but this should be a future topic of discussion
- Meeting Steve Thomas Friday at 11am to talk about Sower Woods volunteerism
  - How to recruit more volunteers to help with stewardship in Sower woods
- Site visit with the LPAB for potential acquisition
  - Noted same Reed canary grass infestation as with the STURK property
- Piece of metal at Sturk has been removed, trees taken care of, cattle gate set to be fixed

# Mary M.G. Helmbrecht Pollinator Buffer

This pollinator buffer is dedicated to long time Township resident, Mary M.G. Helmbrecht, 1942 – 2013. Mary served as Township Clerk, as well as on the Park Commission and Land Preservation Advisory Board. She was devoted to youth and environmental education in our community.

The buffer will serve as a native plant nursery, providing seeds to be collected and established in greenhouses by community schools. The young plants will be used to re-establish native plant species throughout the Township's natural areas. The buffer will also provide habitat for wildlife, improve water quality by filtering runoff, serve as an important food resource for native pollinators throughout their life cycle and serve as a hands-on stewardship education opportunity for local youth.



The pollinator buffer is a cooperative project between the Land Preservation Program,  
Meridian Township Parks and Recreation, and Haslett Public Schools.

PLEASE DO YOUR PART TO PROTECT  
NESTING GRASSLAND BIRDS  
KEEP ALL PETS ON A LEASH



The Davis Foster Land Preserve provides valuable habitat for many wildlife species including Michigan Special Concern and Endangered Birds. Please keep all pets on a leash of 6ft or less per Meridian Township Ordinance.



Henslow's Sparrow



Grasshopper Sparrow



Horned Lark



## HomTV Video Topics

We will be doing short videos for HOMTV about land preservation and stewardship to raise awareness of our township's natural areas and volunteerism within them.

January – Why is Stewardship Important?

- Use information from page in Parks and Recreation Catalog
- Get people excited about stewardship for the year!
- Brief intro to invasive species in township (introduction of Invasive Most Unwanted)
  - Give example of an invasive species and why it's "bad"

February – Volunteerism

- Highlight past projects that have taken place in the land preserves
- Encourage people to get involved in their own backyard
- Volunteer connection Facebook and form highlight

March – Garlic Mustard

- What it looks like, why it's bad, where to find it, how to kill it
- Hopefully get out in one of the preserves to show on video
- Have specific dates for Garlic Mustard pulls to get community members involved

April – Prescribed burning and information on prairies

- Davis foster preserve will be an example
  - Set to burn in early spring 2015
- Why is burning important to prairies?
- Connect people to the birds that calls prairies home

May – Wildflowers in bloom for spring

- Focus on pollinators and why they're important
- Definitely get out into a preserve for visual impact
- Introduce the idea of have pollinator way stations in yards
- Feature the planting in STURK

June – Highlight a Preserve and Invasive

- Towar Woods and Buckthorn
- Talk with Dave C. about all of the work put into the preserve
- Large tree planting, buckthorn removal

July – Highlight a Preserve and Invasive

- STURK and Autumn Olive

August – Summer Wildflowers and Monarchs (can be moved to July depending on which month has more blooming flowers in the preserves)

- Definitely include the monarch butterfly in this since this is the time of their migration
- Possibly work with MonarchWatch to tag Monarch butterflies with school groups

September – Herbicides for control of invasive (Discuss this topic)

- I think getting information about how herbicides can have a positive impact on ecological work would be a good thing for the public to know
- Possibly move this to earlier in the year so citizens understand why we use herbicide in the natural areas

October – Japanese Knotweed Invasive Report

- All about knotweed as an invasive

November – Yard Waste Dumping

- Why not to do it

December – Wildlife management

- Dos and Don'ts of living alongside wildlife

# MERIDIAN TOWNSHIP LAND PRESERVATION PROGRAM 2015 SUMMARY OF ACTIVITY

## 1. Meetings and Site Visits -

The Land Preservation Advisory Board met **12 times** in 2015:

January 6	Joint Meeting with all Boards and Commissions
February 11	Regular Meeting
April 15	Regular Meeting
May 13	Site Visit to Towar Woods Land Preserve
June 10	Site Visit to Central Meridian Uplands Preserve (Rysberg)
July 8	Work Session Meeting and site visit to Southwest Meridian Uplands (Sturk)
August 12	Site Visit to Sower Woods Preserve
August 26	Special Meeting
September 9	Regular Meeting
November 4	Regular Meeting
December 2	Site Visit of property under consideration
December 9	Regular Meeting

## 2. Property Acquisition Reviews

- **Three properties** were submitted to the LPAB for potential acquisition
- Extended a purchase offer on one property for land preservation (still in process)
- Conducted a site visit of a second property that was submitted for potential acquisition

## 3. Deer Management Program

- Conducted planning activities for the 2015 Deer Management Program and coordinated efforts with the DNR and USDA for special rules for hunters in our area due to the CWD.
- 21 total township-owned properties are part of the management program, including **13 land preserves**. The program runs October 1 – January 1, 2016.
- The deer management program also occurred during a special extended hunting season, January 1 – February 28, 2015 (9 deer were harvested)

## 4. Preserve Management Highlights

- Towar Woods: 5 acre site restoration of evergreens and hardwoods, removal of invasive buckthorn, honeysuckle, autumn olive, numerous volunteer projects
- SW Meridian Uplands: Planning for 7 acre grassland restoration project (began in 2015 and will continue in 2016), staff treated buckthorn, volunteers removed invasive species
- Davis/Foster Land Preserve: Black locust treatment, sign posting to protect sparrows

- Mary Helmbrecht Pollinator Garden: Schoolchildren extended the buffer garden and installed 400+ native plant plugs.

## 5. Media

- HOMTV interviews Participated in **6 HOMTV interviews** including topics such as Henslow's sparrow update, deer management, invasive species management, volunteer projects in preserves.
- Meridian Monitor publication: promotion of land preserves in this publication that is mailed to **20,000+ households**
- Naming Contest: utilized social media and a press release to generate new names for the land preserves to create more identity for the preserves
- Press Releases: Developed **three press releases** related to land preserves (deer, volunteers at Towar Woods, Naming Contest)
- Parks and Recreation Brochure: A map of the land preserves, project highlights, and general information was developed for the 77-page brochure, which was mailed to 20,000+ households in January 2015.

## 6. Volunteers

- Volunteers contributed a total of **460 hours** of time toward land preserves in 2015