



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
LAND PRESERVATION ADVISORY BOARD
REGULAR MEETING
March 14, 2018 6 PM

1. CALL MEETING TO ORDER
2. APPROVE AGENDA
3. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS
4. APPROVE MINUTES
 - A. January 10, 2017 Regular Meeting Minutes
5. COMMUNICATIONS
6. STAFF REPORT
 - A. Stewardship Coordinator Report
7. OLD BUSINESS
8. NEW BUSINESS
9. COMMENT FROM THE PUBLIC
10. OTHER MATTERS AND BOARD MEMBERS' COMMENTS
11. ANNOUNCEMENTS
 - A. Next Land Preservation Advisory Board Meeting: Wednesday, April 11, 2018, 6 pm,
Meridian Service Center
12. CLOSED SESSION (separate envelope)
13. ADJOURNMENT

Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Land Preservation Advisory Board by contacting: Director LuAnn Maisner, 5151 Marsh Road, Okemos, MI 48864 or 517.853.4600 - Ten Day Notice is Required.

Meeting Location: 2100 Gaylord C. Smith Court, Haslett, MI 48840

Providing a safe and welcoming, sustainable prime community.



A PRIME COMMUNITY
meridian.mi.us



**CHARTER TOWNSHIP OF MERIDIAN
LAND PRESERVATION PROGRAM**

MEETING OF THE LAND PRESERVATION ADVISORY BOARD
MARCH 14, 2018

4. Minutes



CHARTER TOWNSHIP OF MERIDIAN
LAND PRESERVATION ADVISORY BOARD REGULAR MEETING **DRAFT** MINUTES
2100 Gaylord C. Smith Court, Haslett
Meridian Service Center Lunchroom
Wednesday, January 10, 2018 6 PM

PRESENT: Chair, Jon Mayes; Vice-Chair, James Kielbaso; Board Member Margo Smith; Board Member Jamie Hiller; Board Member Yu Man Lee; Board Member Mark Stephens
ABSENT: Board Member Roland Harmes, Board Member Julie Brixie
STAFF: Jane Greenway, Parks and Land Management Coordinator; Kelsey Dillon, Stewardship Coordinator
TOWNSHIP: None
OTHER: Tom Repaskey, resident

1. CALL MEETING TO ORDER

Chair Mayes called the meeting to order at 6:00pm.

2. APPROVAL OF AGENDA

Move Agenda Item #12, Closed Session forward to become Agenda Item #3 and remaining agenda items to be renumbered accordingly.

Board Member Stephens moved **TO APPROVE THE AGENDA AS AMENDED**. Seconded by Board Member Hiller.

VOICE VOTE: Motion carried unanimously.

3. CLOSED SESSION

Board Member Stephens moved **INTO CLOSED SESSION**. Seconded by Board Member Hiller.

Roll Call:

AYES: Jon Mayes, Julie Brixie, James Kielbaso, Yu Man Lee, Mark Stephens, Jaimie Hiller, Margo Smith

NAYS: None

The Board moved into closed session at 6:06pm.

Board Member Hiller moved **TO ADJOURN THE CLOSED SESSION AND RETURN TO THE OPEN SESSION**. Seconded by Board Member Stephens.

Roll Call:

AYES: Jon Mayes, Julie Brixie, James Kielbaso, Yu Man Lee, Mark Stephens, Jaimie Hiller, Margo Smith

NAYS: None

The Board reopened the meeting at 7:11pm.

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Board Member Hiller moved **TO INSTRUCT STAFF TO TAKE SUCH ACTION AS DISCUSSED DURING CLOSED SESSION**. Seconded by Board Member Smith.

VOICE VOTE: Motion carried unanimously.

4. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS

5. APPROVE MINUTES

Board Member Kielbaso moved **TO APPROVE THE MINUTES OF OCTOBER 11, 2017 REGULAR MEETING AS SUBMITTED**. Seconded by Board Member Hiller.

VOICE VOTE: Motion carried unanimously.

6. COMMUNICATIONS

7. STAFF REPORT

- A. Property Updates from December Township Board meeting
- B. 2018 Financial Statement Review
- C. 2018 Management Plan Review
- D. Volunteer Appreciation Ceremony
- E. Deer Management Update

8. OLD BUSINESS

9. NEW BUSINESS

A. Election of Officers

BOARD MEMBER SMITH MOVED, BOARD MEMBER HILLER SECONDED, TO NOMINATE JON MAYES AS CHAIR. BOARD MEMBER MAYES ACCEPTS NOMINATION.

Voice vote. Motion passed.

BOARD MEMBER SMITH MOVED, BOARD MEMBER STEPHENS SECONDED, TO NOMINATE JAMES KIELBASO AS VICE-CHAIR. BOARD MEMBER KIELBASO ACCEPTS NOMINATION.

Voice vote. Motion passed.

BOARD MEMBER STEPHENS MOVED, BOARD MEMBER SMITH SECONDED, TO ELECT JON MAYES CHAIR AND JAMES KIELBASO VICE CHAIR.

Voice vote. Motion passed.

B. 2018 Meeting Schedule

BOARD MEMBER STEPHENS MOVED, BOARD MEMBER SMITH SECONDED, THAT THE LAND PRESERVATION ADVISORY BOARD MEETING SCHEDULE AS OUTLINED IN THE JANUARY 10, 2018 STAFF MEMORANDUM BE ACCEPTED, THE ATTACHED MEETING RESOLUTION BE APPROVED AND ADOPTED AND COPIES OF THE MEETING SCHEDULE AND/OR RESOLUTION BE FOWARDED TO THE APPROPRIATE INDIVIDUALS.

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Roll Call:

AYES: Jon Mayes, James Kielbaso, Yu Man Lee, Margo Smith, Mark Stephens, Jaimie Hiller

NAYS: None

Motion/resolution passed.

C. Annual Support of the Stewardship Network

BOARD MEMBER HILLER MOVED, BOARD MEMBER SMITH SECONDED THAT THE LAND PRESERVATION ADVISORY BOARD APPROVE THE EXPENDITURE OF \$5,000.00 OF MAINTENANCE FUNDS FOR THE PURPOSE OF SUPPORTING THE STEWARDSHIP NETWORK. \$3,500 OF THE TOTAL SHOULD BE ALLOCATED TO THE MID-MICHIGAN CLUSTER OF THE STEWARDSHIP NETWORK.

Roll Call:

AYES: Jon Mayes, James Kielbaso, Yu Man Lee, Margo Smith, Mark Stephens, Jaimie Hiller

NAYS: None

Motion/resolution passed.

10. COMMENTS FROM THE PUBLIC

11. OTHER MATTERS AND BOARD MEMBERS' COMMENTS

12. ANNOUNCEMENTS

Next Land Preservation Advisory Board Meeting: Wednesday, February 14, 2018, 6pm,
Meridian Service Center

13. ADJOURNMENT

Board Member Smith moved **TO ADJOURN THE MEETING**. Seconded by Chair Mayes. Chair Mayes adjourned the meeting at 8:30pm.



CHARTER TOWNSHIP OF MERIDIAN LAND PRESERVATION PROGRAM

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MARCH 14, 2018

5. Communications

- A. Email from: Frank Hatfield, RE: Red Cedar Glen Central Drain and East Drain
- B. Email from LuAnn Maisner; RE: Mandenberg Woods

Jane Greenway

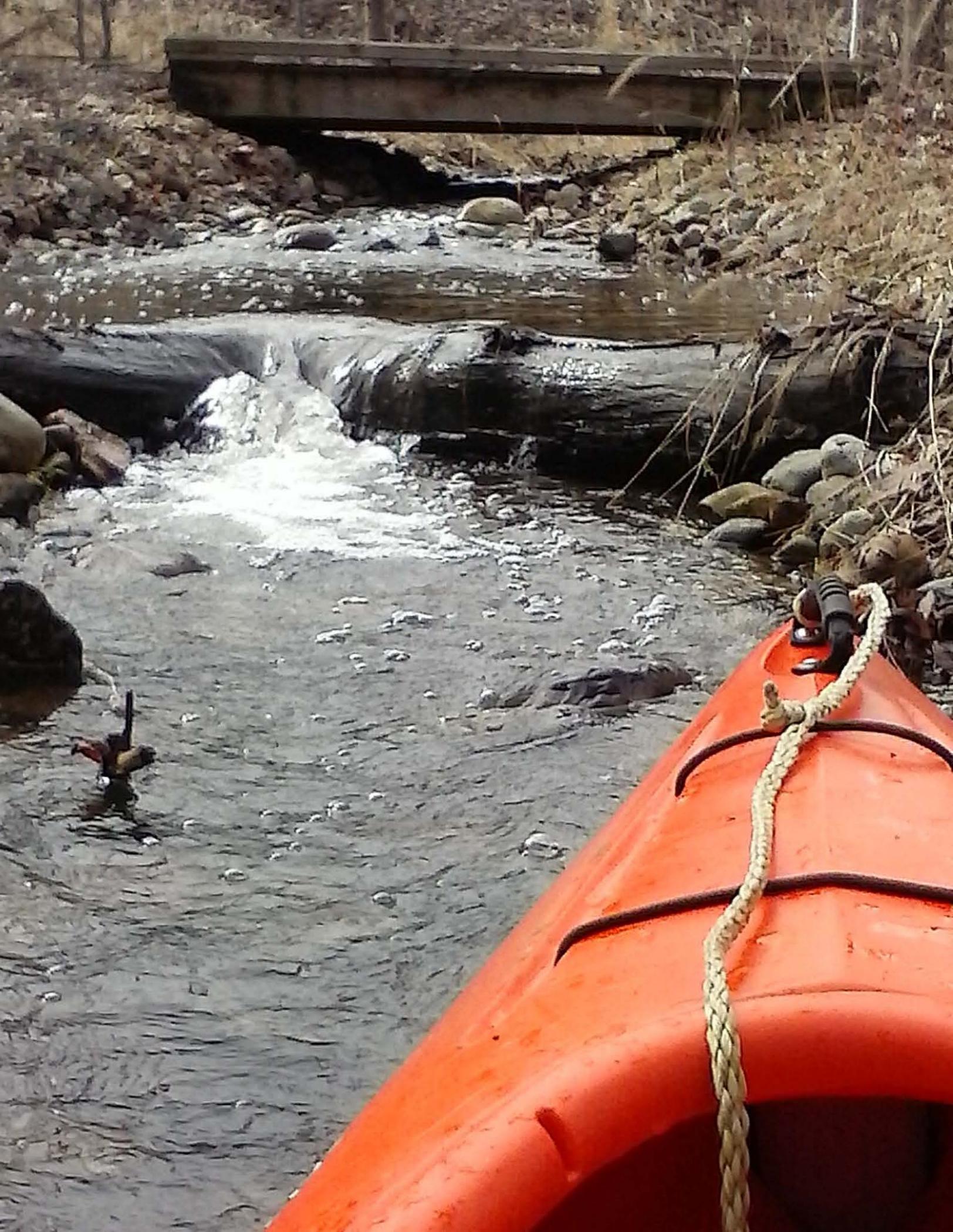
From: Frank Hatfield <hatfield@egr.msu.edu>
Sent: Friday, February 23, 2018 9:53 AM
To: Jane Greenway
Subject: Drains in RCG Preserve
Attachments: RCG central drain.jpg; RCG east drain.jpg

Hi Jane ---

Hope all is well with you personally, and with Land Pres.

The attached photos were taken yesterday about midday when the Red Cedar crested. Both bridge were well above water and the drains were flowing well. Apparently, the engineers did a good job.

-- Frank







From: [Jane Greenway](#)
To: [Kelsey Dillon](#)
Subject: FW: Mandenberg Woods
Date: Tuesday, March 06, 2018 10:55:20 AM
Attachments: [image001.jpg](#)
[image002.jpg](#)

Communication for the LPAB packet

From: LuAnn Maisner
Sent: Thursday, February 15, 2018 2:12 PM
To: Jon Mayes <jtmayes@sbcglobal.net>
Cc: Mike McDonald (macmeridian@comcast.net) <macmeridian@comcast.net>
Subject: Mandenberg Woods

Hi Jon,

I wanted to make sure you were both included on this email to make sure I am providing the correct response.

Jon was under the impression following the joint meeting of the Park Commission and Land Preservation Advisory Board that the Park Commission was going to share in the acquisition and/or development cost of Mandenberg Woods Land Preserve on Hamilton Road. At that meeting, there was no formal action taken by either body.

1. All items on the agenda were under discussion only and there was no formal action taken by either body.
2. At least two of the Park Commissioners were not even familiar with the property.
3. I don't think it was clear if a majority of the land Preservation Board Members were supportive of a joint acquisition/development project on the site.

I would suggest that if there is a majority of each board interested in pursuing a joint venture, then an agreement can be drafted with respect to that parcel.

Thoughts? Please let me know if I am mistaken.

Thanks much!

LuAnn Maisner CPRP
Parks & Recreation Director
maisner@meridian.mi.us
W 517.853.4604 | C 517.719-7805
2100 Gaylord C. Smith Court | Haslett, MI 48840
meridian.mi.us



**CHARTER TOWNSHIP OF MERIDIAN
LAND PRESERVATION PROGRAM**

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MARCH 14, 2018

6A. Stewardship Coordinator Report

Stewardship Coordinator Report for 03-08-2018 Meeting

LINC Meeting - Liaison for Inter Neighborhood Cooperation

- Jon Mayes, Jim Kielbaso and Kelsey Dillon attended
- Invited to speak about the land preservation program and recent acquisitions
- Questions from the committee:
 - Criteria for selecting the parcels to be purchased
 - How does this affect the income collected by the Township
 - What is the land acreage or percentage goal of the program
 - Is there less of a need to protect wetlands and floodplains

Bird Friendly Community

- Working with the Michigan Audubon Society to be a Bird Friendly Community
- Purple Martin box will be installed on a Township parcel north of Lake Lansing
 - Purple Martin monitoring program
- Possibility of also installing a Chimney Swift nesting box on Township Land

MSU Deer Study

- Jonathan Trudeau, a PhD candidate at MSU, is performing a deer study across parks and land preserves
- Aims to better understand urban deer distributions (see attached letter)
- Using GPS collars

Mid-Michigan CISMA Invasive Species Training

- Attended free training with Dave Caszatt
- Spoke with other communities about invasive species management issues

Towar Woods

- 300 trees, stakes and tubes all ordered
- **Tree planting is April 28th!**

Davis Foster

- Fall burn planned for unit on east side of the road

MICHIGAN STATE **U N I V E R S I T Y**

February 5, 2018

Meridian Township
5151 Marsh Road
Okemos, MI 48864

Dear LuAnn Maisner,

I am requesting permission to use Meridian Township property to conduct research on white-tailed deer movement from February 5th through May 4th, 2018. This research is part of a large-scale collaboration between Michigan State University (MSU) and the Michigan Department of Natural Resources (MDNR) aimed at characterizing deer movement across a landscape with varying human development. With the emergence of chronic wasting disease (CWD) in mid-Michigan, it is crucial to understand how deer move across the landscape to best inform effective disease management practices. Our study area spans Ionia, Clinton, Ingham, and Shiawassee counties.

We intend to capture adult white-tailed deer and fit them with a global positioning system (GPS) collars so their movements can be monitored over an extended period of time. To accomplish this, we are requesting permission to use drop-nets, clover traps, and dart projectors on Township property. A drop-net is a large net suspended approximately 7 feet off the ground. A small amount of bait (corn, apples, peanut butter) is placed under the net to attract deer. Once under the net, the net is dropped on top of the deer, field staff physically restrain them, and the deer is chemically immobilized by trained research staff. The second method of capture proposed is a clover trap. A clover trap is a large mesh sided box that is open on one end and closes behind the deer when it enters the trap. These traps are only used in low traffic areas as deer may be trapped within the clover trap for multiple hours. At all clover traps and drop nets, we will post signs describing the use of the equipment and that they are property of MSU and should not be tampered with.

Alternatively, we will capture deer using a dart projector, which sedates the deer remotely via injection of a dart containing immobilization agents. This will typically occur over a small bait pile. Field staff will be located in a tree stand or in a ground blind while darting. Opportunistic darting in areas with minimal human foot traffic will also occur. All immobilizing agents are completely reversible and deer will be released onsite. We will affix each deer with a tracking collar, ear tags, and we will collect blood, hair, and tissue samples. Our research protocols have been approved by the MSU Institutional Animal Care and Use Committee (AUF 10/17-191-00) and all field staff received extensive training prior to research activities.



College of Agriculture and Natural Resources

Department of
Fisheries and
Wildlife

13 Natural Resources
Building
East Lansing, MI
48824-1222

517-355-4478
Fax: 517-432-1699
www.canr.msu.edu/fw

We seek permission to utilize the following properties; Central Park, North Meridian Road Park, Ted Black Woods, Nancy Moore Park, North Meridian Road Park, Ted Black Woods, Towar Woods, Central Meridian Uplands, Foster/Davis Preserve, Red Cedar River East Preserve, Tiahrt/Cornell Wetland Preserve, Legg Park, Forest Grove Preserve, North Ridge Preserve, the Transfer station, and the parcel acquired from Ms. Judy Lynn.

Please let us know if you have any questions or need further information related to this request. I thank you for your time and consideration.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jonathan K. Trudeau".

Jonathan K. Trudeau
PhD Student
Email: jtrudeau@msu.edu
Cell: (860) 942-6476



GRSBEG

BEST SELLER!

PMCA Gourd Rack Starter Bundle (GRSB)

All you need to add are Purple Martins! Now with taller pole and improved pulley system!

This high-quality Gourd Rack Starter Bundle is PMCA approved for both wanna-be landlords trying for their first pair of Purple Martins and established landlords looking to expand their sites. We created this all-in-one Starter Bundle to supply everything you need in an easy-to-order package with built-in savings too. Includes:

- 6-unit Deluxe Gourd Rack with 14' tall x 2" square aluminum pole, ground stake, rope and 4-part pulley system, top perch and gourd arms
- Either 6 PMCA Excluder® Gourds (GRSBEG—shown above) or Troyer Gourds (GRSB), with your choice of entrance (below)
- Predator guard (GUARDC)
- Attraction tools; Dawnsong CD and Decoy
- *Enjoying Purple Martins More* booklet

\$398.95 Member / \$419.95 Non-member

Troyer Entrance Options



Conley (CON)



Round (R)

PMCA Excluder® Entrance Options



Excluder® II (E)



Modified (M)



Crescent (C)



Round (R)



PMCA Gourd Rack Starter Bundle Upgrade (GRSBUP)

Want to upgrade your Starter Bundle?

Expand from starter gourd rack to 12 gourds.

- 6 PMCA Excluder® or Troyer Gourds with your choice of entrance
- Second level of gourd hanging arms

For starter bundles purchased before 2016, please see online.

\$156.70 Member / \$164.95 Non-member

Learn more about Purple Martin Conservation

Purple Martin Conservation Association

The PMCA are leaders in developing quality martin products and they provide support for members to learn best practices to establish and maintain martin colonies. The PMCA leads citizen science projects including Project MartinWatch and a Scout Arrival Study. Through Project MartinWatch, the organization collects nest monitoring data from Purple Martin landlords across the country, and uses that data to understand how populations are doing nationwide.

Michigan Audubon

Michigan Audubon's Purple Martin Conservation program aims to increase awareness for this regionally declining species, collect data on distribution and size of the Michigan Purple Martin population, help establish new colonies, and unite Purple Martin landlords across Michigan. Purple Martin landlords can contribute valuable data to help Michigan Audubon gain a better understanding of the local population. Experienced landlords can become mentors for those trying to establish new colonies. A map of Purple Martin colonies across Michigan is available at www.michiganaudubon.org; be sure to register your colony to join the flock!



2310 Science Parkway, Suite 200
Okemos, MI 48864
517-580-7364
birds@michiganaudubon.org

Photo Credits

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Female Purple Martin © Roger Eriksson, Purple Martin Fledgling © iStock,
Starling © Tim Watts, House Sparrows © iStock



Purple Martin Conservation in Michigan



Connecting birds and people for the benefit of both through conservation, education, and research efforts in the State of Michigan.

www.michiganaudubon.org
www.facebook.com/groups/MichiganPUMA



LARGE PHOTO: Male Purple Martin LARGE CIRCLE: Female Purple Martin
SMALL CIRCLE: Purple Martin Fledgling

Meet the Purple Martin

Size: 8" long with 16" wingspan

Adult male: Iridescent dark purple. Dark wings and tail.

Adult female: Gray-brown overall. Small patches of iridescent dark purple on head or back. Gray-brown belly.

Juvenile: Gray throat and neck. Resembles female. Pale yellow color at base of bill.

Habitat: Open areas, usually near human houses, with room to swoop and catch flying insects. Often found near water where flying insects are abundant. Lakes, shorelines, open fields, golf courses.

Food: Dragonflies, flies, butterflies, wasps, and other flying insects.

Housing: Purple martins are social birds that nest in groups (colonially). Martins nest in gourds or houses that provide multiple "apartments." Houses are mounted on poles 15' – 18' tall, 40' – 60' away from trees, and 30' – 120' from human housing.

How to Help

- Set up the right house in the right place. Houses are mounted on poles 15' – 18' tall, 40' – 60' away from trees, and 30' – 120' from human housing. Purchase housing from places knowledgeable about Purple Martin needs, such as the Purple Martin Conservation Association.
- Watch out for predators. Use a pole guard to prevent raccoons, squirrels, or other climbing predators. Install owl/hawk guards to prevent aerial attacks.
- Avoid using pesticides in the yard. Insects are Purple Martin food.
- Create native plant habitat for insects (Purple Martin food) to thrive. Learn more about plants for birds at www.michiganaudubon.org/bird-friendly-plants
- Share your experience with others. Invite your neighbors, lake house association, or local community leaders to see your birds.

! Manage for Invasive Species

Good Purple Martin landlords prevent invasive bird species from nesting. These aggressive birds will injure or kill Purple Martins and destroy a colony. It is legal to remove nests, eggs, or adult House Sparrows and European Starlings. Traps are available from the Purple Martin Conservation Association. To prevent European Starlings, use non-round entrance holes.



European Starling



Male and Female House Sparrows

House Sparrows and European Starlings covet Purple Martin houses and will take them over if they have the opportunity. Protecting Martins after establishing a house is key in terms of ensuring nesting success and positively contributing to Purple Martin conservation.