



*We noticed your
beautiful garden...*

*and we invite you to join
the Andover Pollinator Pathway.*

Help us promote native plantings and healthy habitats for pollinators throughout our community. Putting your yard on the national map is free and helps support pollinators, birds, and other wildlife.

Joining the Andover Pollinator Pathway is easy—you can put your garden on the map by doing the following five things:

- Plant native plants, including trees, shrubs, grasses, and flowers.
- Reduce the use of chemical fertilizers, herbicides, and pesticides in favor of safer alternatives.
- Control invasive plants
- Reduce lawn size in favor of native plantings
- Leave leaves in the landscape in the fall

If you meet the five criteria above, please sign up on the web page and then order a metal medallion sign to post in your yard.



*Scan the QR Code or email us at
andoverpp@gmail.com to join the
Andover Pollinator Pathway, to learn
more, or to sign up for our e-newsletter.*

www.pollinator-pathway.org/towns/andover



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ANDOVER POLLINATOR PATHWAY

Save a Space for Nature!

We noticed your beautiful property and would love to suggest adding a native plant mailbox garden that would enhance your property and be welcoming to pollinators.



Find out more about supporting pollinators, birds, and other wildlife in your yard. To receive our monthly e-newsletter or to sign up for a free garden visit, click on the Information/Help link on the web page or email andoverpp@gmail.com.

Starter kits from Weston Nurseries will be available to order spring 2024. The kits will contain six easy-grow plants to start your mailbox garden and will deliver to Andover DPW in early June. Sign up for e-news to receive the ordering link when it becomes available.



**Costly and labor intensive.
Does not
support pollinators.**



**Easy care:
Supports pollinators
and other wildlife.**

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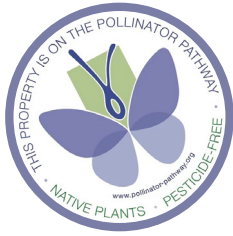


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ANDOVER POLLINATOR PATHWAY

*Protect your family, pets, pollinators,
and neighborhood wildlife*



We noticed that you recently treated your yard with a pesticide or herbicide. Many so called “natural” treatments are costly and can harm children, pets, bees, and other wildlife. We encourage you to learn more about healthier and less expensive alternatives.

FIND OUT MORE



Xerces Society, ***Top 7 Reasons to Stop Using Pesticides at Home***



Beyond Pesticides, ***Resources***



Wild Seed Project, ***How to be an Ecological Gardener***



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USE

AVOID

Mosquito Control: Products and Services

BTI (*bacillus thuringiensis*, strain israelensis) “**Mosquito Dunks**” kill mosquito larvae in standing water that cannot be dumped, ie. yard drains or tree holes.

USE WITH CAUTION

GARLIC SPRAY: If you feel you must spray in your yard, safe and somewhat effective products are garlic sprays like “Mosquito Barrier.”

RED CEDAR SPRAY: Works for the mosquito and tick population: spray around the perimeter of the yard once a month; relatively expensive; harsher on the environment than garlic.

SAY NO TO YARD SPRAYING SERVICES: pyrethrin is not “natural.” According to entomologist Doug Tallamy, **sprays kill only about 10% of adult mosquitos**, while beneficial insects such as butterflies, bees and lightning bugs are harmed.



Mosquito/Tick Repellants

Beyond Pesticides recommends **OLE, Picardin and IR3535**.



Beyond Pesticides suggests **avoiding DEET and insecticides like Permethrin** (used on clothing and in Tick Tubes).



Grub Control

YES to products containing Bt. Winner of 2015 Green Thumb Award. Biological granulated insecticide controls annual white grubs in turf and ornamentals. Contains the active ingredient *Bacillus thuringiensis* (*Bt*) *galleriae*. Extensive research and testing show Bt *galleriae* is effective against virtually all white grubs in your lawn.

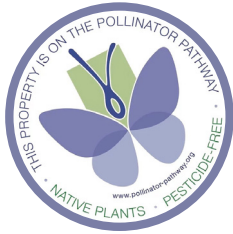
Other **ORGANIC** products containing oils are not generally very effective. **READ LABELS:** Rosemary, Sesame, Peppermint, Thyme, Cinnamon, Garlic Oils.



NO TO HARSH CHEMICAL PESTICIDE GRUB CONTROL. KILLS: 40+ insects, including: ants, ticks, mole crickets, chinch bugs, European crane fly larvae, crickets and more, including microsomal life in the soil. *“Not for Sale in MA, CT, CA” means they contain neonicotinoids that were banned for retail sale in/to MA in July 2022.*

NO TO NEMATODE GRUB CONTROL PRODUCTS: Even though listed as organic, recent research shows application can harm bumblebees! Heterorhabditis bacteriophora (Hb) nematodes are not easy to apply and are harmful to bees.





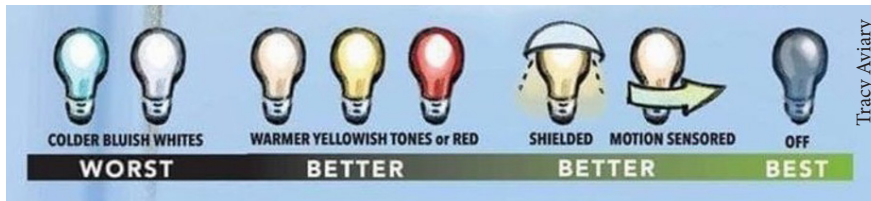
ANDOVER POLLINATOR PATHWAY

LIGHTS OUT

for moths, birds, and trees 🌿 **April – December**

Artificial lights are believed to be a factor in the decline of nocturnal wildlife such as moths and fireflies. Light pollution disrupts moths' hormones, breeding, navigation and feeding. **TWO THIRDS of all songbirds migrate at night.** Light pollution can cause them to become confused. **Trees are also at risk.** Artificial lights can affect trees' biological clocks, potentially disrupting the day-night cycle to which trees have evolved to respond. This can result in changes in flowering timing, the promotion of continuous growth, and the prevention of dormancy, a state which allows trees to survive the winter.

Andover Pollinator Pathway encourages you to turn off all unnecessary lights. If this is not an option, use warm white, yellow, or red colored light bulbs, shield your light bulbs to direct light down, and install motion sensors. If working indoors at night, close the drapes.



Find out more about supporting pollinators, birds, and other wildlife in your yard. To receive our monthly e-newsletter or to sign up for a free garden visit, click on the Information/Help link on the web page or email andoverpp@gmail.com.

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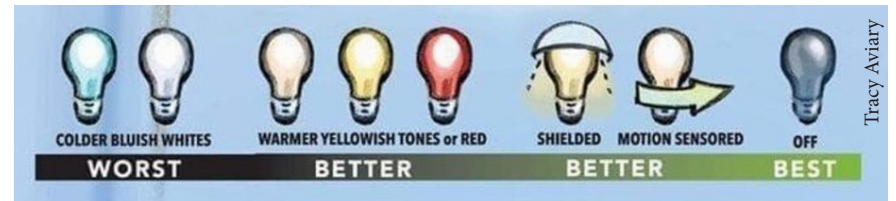
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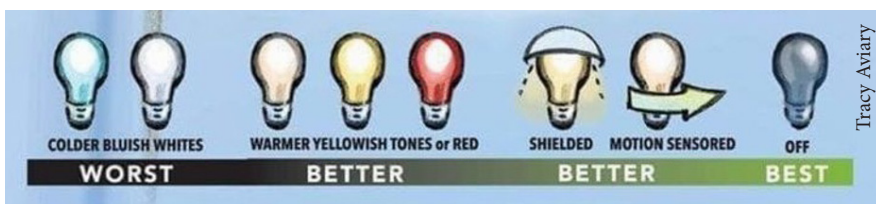
LIGHTS OUT

for birds during peak
migration

Sept. 15 – Dec. 15

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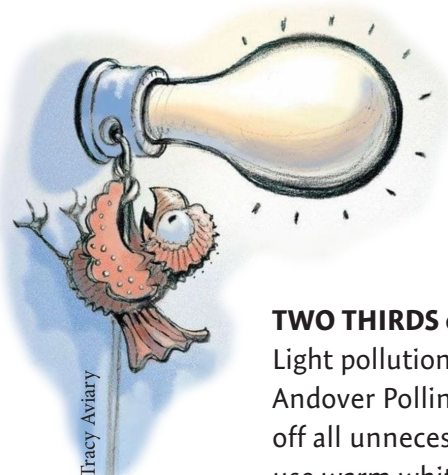


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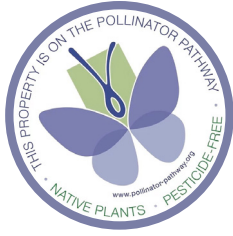
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ANDOVER POLLINATOR PATHWAY

Leave the Leaves!

Don't blow, rake, or shred leaves this fall.

Matt MacGillivray, via Wikimedia Commons



LEAVE NATURE'S MULCH TO:

- ✿ Sustain birds
- ✿ Protect overwintering pollinators
- ✿ Insulate plant roots
- ✿ Build living soil

Leaves are food and shelter for butterflies, beetles, bees, moths, and more.

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Circle of Elements: Air by W. Gary Smith



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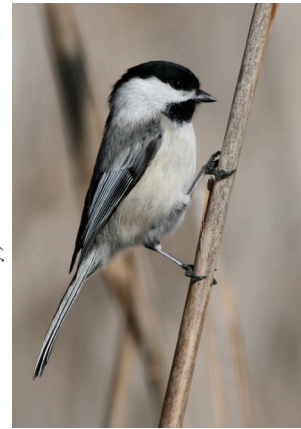


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