

“The Hudson Valley is a biological crossroads, bringing together northern, southern, western, and coastal species and habitats. The valley’s location, plus its varied geology and topography, give rise to biological riches of the region. The region’s habitats provide home to more than 2,000 different kinds of plants, birds, mammals, reptiles, and amphibians. Nearly 90 percent of the birds, mammals, reptiles, and amphibians that live in New York State are found in the Hudson Valley. More species of dragonflies and damselflies are found in the Hudson Valley than almost anywhere else in the nation.”

Pollinators are vital to our ecosystem and food supply. Pollination occurs when insects — like bees and other pollinators — travel from one plant to the next, fertilizing the plant. Bees are covered with little hairs all over their bodies that attract pollen. The pollen travels with the bee to its next destination. When a bee lands on the next plant or flower, the pollen is distributed. This is the cross-pollination process that later yields fruits, vegetables, and seeds.

Bees are one of the world’s most important pollinators in the food chain. Each day we rely on bees and other pollinators for the food we eat. Yet, bee populations continue to decline due to climate change and the rampant use of pesticides. Bees are vital to our existence and to the environment in which we live.

Bees are important because:

- Bees help produce 1/3 of our food supply
- Bees help provide ½ of the world’s fibers, oils, and other raw materials
- Bees help create many medicines
- Bees provide food for wildlife
- Bees help prevent soil erosion

Esopus Environmental Board Annual Honeybee Jubilee



**Celebrating the Honeybee
and the vital role of pollinators
in our ecosystems**



SCAN ME

Abundant Source - Provides unique crystal and stone pendants and palm stones for all of your healing needs. Palm stones can be used for relaxation, energy boost, protection, and meditation. christinek1276@gmail.com

Aladin's Treasure - Nature is all around you, Bring it a little closer with handmade soaps infused with herbs. www.aladinstreasure.com

American Legion Post 1298 - Supports the community and Veterans. Post 1298 is always looking for veterans to join.

Big Daddy Snack Shack - Providing delicious food at events throughout the region, Big Daddy is here to serve up hamburgers, Hotdogs, sausage&peppers, fries and Philly Cheesesteak.

Chrissie's Cupcakes and Cookies - Delicious cupcakes and cookies are homemade and decorated with love. Birthdays, weddings, catered events and get togethers. Call or order online. (845) 633-9022

Dina Zager Avon Products - Independent sales representative for Avon products. All of your wellness, cosmetic and fragrance needs available locally. <http://www.youravon.com/dzager>

DM Designs - Handmade jewelry and gifts are just bee-utiful. Shop for every occasion or just buy yourself a one-of-a-kind.

Jeff Herr - avid beekeeper and researcher. For decades he has been studying the benefits of the Honey Bee's natural habitat. His goal has been to provide the optimum, stress free environment for hive health and honey production.

Esopus Community Foundation, Inc. - Nonprofit fellowship of local people dedicated to making Esopus a beautiful place to live, and to visit. Partnering with residents and businesses, we provide backpacks, offer camp scholarships and invest in the community. esopuscommunity@gmail.com

Esopus Environmental Board - Promote the conservation, protection, and enhancement of the Town of **Esopus'** natural resources, and ecosystems through education and collaborating with the community. www.esopus.com

Grandpa Don's Honey - Don Smerdon, Milton Apiaries, LLC

Hannah Scarpati - Skilled in crafts and crocheting, Hannah has prepared lots of beautiful items so you can get ready for the gift giving season.

Jessica Knapp of Music Fusion DJ Service- Vocal artist and DJ extraordinaire will be entertaining at the Honeybee Jubilee. Events, functions, parties. 845-532-6010

Jolynn's Crafty Corner - Personalized shirts, cups, mugs, decals, take home kits, laser engraved items, and so much more. All kinds of different wooden home decor, wedding gifts and so much more. jbw1098@msn.com <http://www.facebook.com/jolynns craftycorner>

Lavender Poppy Wellness- Doterra essential oils all natural products for health and home. Photography featuring wildlife and landscape photography prints and greeting cards. <https://www.facebook.com/lavenderpoppywellness> www.instagram.com/alyson_wanderland

Oma's Community Farm - Local events, baked goods, coffee shop. Treat yourself to fresh baked goodies and coffee. <https://www.facebook.com/OmasCommunityFarm/>

Reilly's Cabbage Patch - Sustainable small market farm with unique heirloom produce and seeds. Farm stand that is open Saturdays-Sundays 12-5pm <https://www.facebook.com/PopletownProduce1/> Peachy by Georgia Mae

Poppin Creations - Elevate your event to the next level with one of a kind balloon decor. Balloon decor is a great addition to any type of event: Showers, birthday parties, graduations, weddings or corporate events. www.poppinpartycreations.com

Scentsy by Katie Oliver - Share the Scentsy love with inspiring fragrances for your family, your home and your life—fill your life with fragrance.

Stoned Handmade - Showcasing stoned handmade jewelry and gifts. Each piece is handmade with demi precious stones and quality materials. www.stonedjewelry.godaddysites.com

Together Events - Good old fashioned comfort food made fresh just like Mom used to serve up. Enjoy honey sriracha wings and other goodies. atogethereventsproductions@gmail.com

Seeds- sponsored by Hudson Valley Current/Tildas



Our Presenter

Jeff and Susan Herr are joining the Honeybee Jubilee celebration this year! Grandpa Jeff is an avid beekeeper and researcher. For decades he has been studying the benefits of the Honey Bee's natural habitat. His goal has been to provide the optimum, stress free environment for the bees.

Grandpa Jeff will help us understand bees and ways to help them thrive in our changing climate by educating us on their habitat and Unique needs so they can survive. The types of plants they really like, and what we can do to invite them into our yard.

Did you know that bees are 90% of the reason we have food, and plants continue to survive because they pollinate them?
What do we do to help our ecosystem?



Troop 60006

Girl Scouts are more than cookies! This amazing group has been hands on in the Esopus community for many years providing education, outreach and services for our parks and residents.

They are here to help us with our pollinator highway mission by teaching you about “Seed Bombs” and helping you make some so you can contribute to these highways.

“Pollinator highways are natural habitats for butterflies and other pollinators that provide food for them as they migrate. Diverse plantings with many flowers will support most species of pollinators.”

Some Local Pollinators



Wild Carrots (Queen Ann's Lace)

Perennial; grows in open fields. Root is edible. Full sun.



Gooseberries

Blooms early spring
Full to partial sun



Mulberries (Trees or Plants) Late Spring-Early summer
Partial shade.



***Mint (Peppermint, Spearmint and Chocolate) companion plant**
Blooms mid - late summer Partial to full shade.

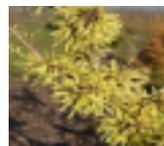
***Lavender – companion plant**

Blooms mid-summer
Likes well drained soil. Full sun.



Blueberry (Plants and Bushes)

Berries ready in early summer.



Witch Hazel

Perennial plant with medicinal topical properties and can be used on bruises or to reduce swelling.



Raspberry/Blackberry

Likes partial to full sun in moist, loamy soil
And spreads. Bears fruit in early to mid summer.



American Persimmon

Sends up tap roots. Likes partial to full sun and loamy, moist soil. Bears fruit mid to late fall.



Juneberry

Prefers partial to full sun in well drained soil.
Bears sweet fruit in early summer good for jams or pies.



Almonds

Prefer partial to full sun in well drained, well fertilized soil. Fruit bears resemblance to a peach but only the seed should be eaten. Produces in the fall.



Red Clover

Flowers can be eaten in salad or ground into flour. Leaves are good raw or boiled.

Pollinators- Helping us and the Environment

Pollen must be moved from one flower to the next to fertilize plants and promote reproduction. Not only bees pollinate -- butterflies, certain birds, insects and bats are also pollinators. Ultimately, pollination is necessary for our food - such as honey, apples, blueberries, and nuts -- which also impacts our economy. Your actions can help protect pollinators -- from your pesticide choices, to planting a pollinator garden, to offering nesting sites. Your actions can help pollinators flourish. ¹

¹ NYSDEC www.dec.ny.gov