



Your Fall Report

Why wild bees need our help the most

By Steve Blackledge, director of our national conservation program

Our members know that bees are indispensable pollinators, vital to the health of wild flowering plants and food crops alike. But “bee” is a big category—holding everything from buzzing hives of honeybees, to round fuzzy bumblebees, to metallic blue mason bees, and more.

So we know that saving the bees is important. But which bees need our protection, and how can we help them?

Most people think of one species

The first animal many of us think of when we think “bee” is the European honeybee, also known as the western honeybee, *Apis mellifera*. These black-and-yellow striped insects live in densely populated hives that turn pollen and nectar into the honey you buy at the farmer’s market or grocery store.

The western honeybee is common in the U.S. because it is the species most frequently kept by beekeepers. Domestic honeybee hives are important pollinators of some specific crops, including almonds and lemons, but they are not native to America. These bees were imported here from Europe in the 17th century and have worked as partners to humans in agriculture ever since.

But there are thousands of species of wild bees

Honeybees are far from the only species of bee here. There are over 4,000 species of native bee that lived in America before



Environment America’s Steve Blackledge huddles with staff during our D.C. lobby day to advocate for America’s wildlife.

the honeybee arrived and that still live here today.

Our native bee species are a magnificent kaleidoscope of diversity. They range from less than 2 millimeters in length (the world’s smallest bee, *Perdita minima*), to over an inch in size (the shiny black common carpenter bee, *Xylocopa virginica*), and everywhere in between. Their colors range from the familiar black and yellow to the magnificent blue of the orchard mason bee, *Osmia lignaria*.

Continued on page 3 ►

Thanks
for making it
all possible

Why we don't need to mine the deep seas

A recent report released on June 18, co-authored by Environment America Research & Policy Center and our research partners at U.S. PIRG Education Fund and Frontier Group, outlines how seabed mining would be not only hazardous, but unnecessary.

Deep-sea mining would irreparably alter hundreds or thousands of square miles of

and her calf—were killed on the same road this month, further underscoring the urgent need for protective measures.

Fortunately, states now have the funding to build wildlife crossings—thanks to the Wildlife Crossings Pilot Program launched earlier this year. But, as the recent bison deaths remind us, we need to take action.

Environment America is calling on U.S. Secretary of Transportation Pete Buttigieg to prioritize the release of the next round of funding so that states can get to work creating new wildlife crossings that will save America's wildlife and reduce the number of fatal accidents.

Thanks to your membership, we'll keep advocating for the wildlife bridges, underpasses and fencing needed to protect the iconic bison near Yellowstone and other creatures throughout the U.S.

Your next new car is likely to be better for the planet

New Environmental Protection Agency (EPA) rules promise a brighter future with less pollution.

In March 2024, the EPA adopted new rules that will drastically reduce soot pollution from the average car by 95%. The rules are also expected to save Americans \$6,000 over the lifetime of a new car or light truck.

"In 2024, it's possible to power more cars, buses, and even pickup trucks with clean electricity," said Lisa Frank, Environment America's executive director. "A brighter future without dirty tailpipes is within reach."

Wisconsin Environment and our national network are working for a future free of dirty tailpipes. We're thankful to the millions of Americans who are making environmentally conscious consumer choices, as evidenced by a record of 1.4 million plug-in electric vehicles purchased in 2023.

Thanks to your action and support, we will continue to advocate for policies that help all of us get where we need to go with less air pollution.

seafloor and create plumes of sediment and mining waste that could spread even further.

We don't need deep-sea mining to transition to clean energy. The world currently discards more of some critical minerals in electronic waste each year than the annual supply expected from proposed deep-sea mining in the central Pacific over the next decade.

"Deep-sea mining would devastate ancient, slow-growing and remote ecosystems that are home to deep-sea coral, anemones, sponges and more," said Kelsey Lamp, one of the report's authors and the director of oceans campaigns at Environment America Research & Policy Center.

"Seabed mining would strip these habitats of life, introducing noise, light and pollution to places that are not equipped to handle it. We don't know if these places will ever recover from mining damage—and that loss could have consequences for marine ecosystems beyond the seafloor."

Let's build a bison bridge near Yellowstone

Late last year, 13 bison were tragically killed in a semi-truck collision near Yellowstone National Park. More recently, advocacy groups reported that two more bison—a cow

NOAA



Deep-sea mining could destroy important breeding grounds for these newly discovered deep-sea octopods nicknamed "Casper," due to their likeness to the friendly cartoon ghost.

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Page 1 story continued:

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Tens of thousands of people and more than 170 organizations called on the U.S. Forest Service to strengthen its proposal to conserve old growth trees and forests on federal land.

Standing together for the trees

We've urged Congress to oppose the Manchin-Barrasso bill, which calls for deliberately chopping down our mature forests as a way to "improve forest health"—an obviously terrible and short-sighted idea.

Once our mature forests are gone, they'll take decades to grow back. That's more than 80 years of an intricate ecosystem destroyed in the blink of an eye. That's decades we don't have to keep huge amounts of climate-warming carbon from being released into the atmosphere.

We need our forests to stay standing for generations to come, but the Manchin-Barrasso bill threatens to level towering giants and destroy many of our nation's mature trees.

Thankfully, supporters and members of Wisconsin Environment and our national network took more than 32,000 actions opposing this bill.

All of our old-growth and mature forests deserve protection

Seventy-six percent of the forests managed by the U.S. Forest Service and the Bureau of Land Management don't have strong protections from logging.

We can't afford to cut down our oldest forests. They shelter wildlife and they shelter us from the worst impacts of climate change by absorbing carbon from our atmosphere.

Thanks to your support, we're working to save our forests by raising the voices of forest defenders everywhere and urging the Biden administration to enact the strongest protections possible to keep them off the chopping block.

For years, our staff and volunteers have been building support to save the bees. Now, 1 in 4 Americans live in a state that has restricted the use of bee-killing neonicotinoids.



Marc Olivier Le Blanc
Bee photos: Chase Danimullis via Shutterstock

Right: Common carpenter bee, *Xylocopa virginica*. Actual size.
Above left: American bumblebee, *Bombus pensylvanicus*. Actual size.

Our mission

We all want clean air, clean water and open spaces. But it takes independent research and tough-minded advocacy to win concrete results for our environment, especially when powerful interests stand in the way of environmental progress.

That's the idea behind Wisconsin Environment, Inc., a project of Environment America, Inc. We focus on protecting Wisconsin's air, water and open spaces. We speak out and take action at the local, state and national levels to improve the quality of our environment and our lives.

Featured staff



Yazan Aboushi

Lisa Frank
Executive Director

Lisa leads Environment America's work for a greener, healthier world. She also directs The Public Interest Network's Washington, D.C., office and operations. A pragmatic idealist, Lisa has helped win billions of dollars in investments in clean energy and transportation and developed strategic campaigns to protect America's oceans, forests and public lands. Lisa is an Oregonian transplant to the Capital region, where she loves hiking, running, biking, and cooking for friends and family.

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Your 2024 Fall Report

**“For millennia,
ancient forests
have watched over
us and sustained
us. Can we do the
same for them?”**

*Will Harlan
Center for Biological Diversity*

100,000 citizens agree: Let our most precious forests grow older

There’s nothing like walking through an old-growth forest. Magnificent white pines, paper birch and red maples stand like giants against the sky, while ferns, shrubs, mosses and wildflowers dot the understory.

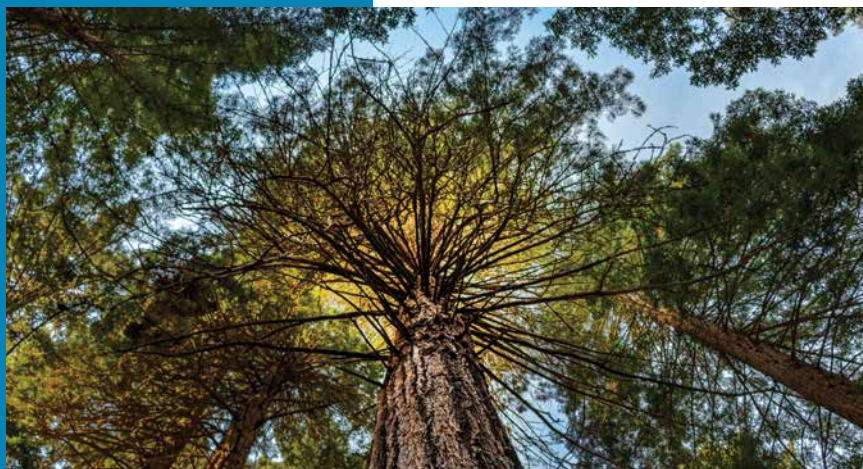
Sadly, there are very few old-growth trees left in Wisconsin due to logging in the last century—and more than 50 million acres of mature and old-growth forests on federal lands in Wisconsin and across the U.S. are

still unprotected from logging.

Wisconsin Environment campaign staff spent this summer knocking on doors, encouraging thousands of supporters and members like you to get involved in a comment period on a proposed national forest plan amendment. The United States Forest Service announced the amendment process in December, signaling a major opportunity to shift the way it will manage old-growth trees and forests.

“Our older forests are our most precious forests. These trees have been standing for longer than most people have been alive and are home to thousands of species that depend on them for food and shelter,” said Environment America’s Public Lands Campaign Director Ellen Montgomery.

Our campaign staff went door to door to speak with thousands of people like you to build support for protecting our mature and old-growth forests.



Kate Scott via Shutterstock