

Pollinators for Earth

# **FACT SHEET**

20 25



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"As President of Pollinators for Earth, I am driven by a deep conviction: every pollinator saved, every space restored, is one step closer to a future where harmony between Human and Nature is preserved. Together, we mobilize research, raise public awareness and encourage sustainable agricultural practices, thus ensuring the richness of our ecosystems and food security for future generations.

Let us act today to give the Earth the breath it needs."

Precillia Cochard

President of the association & Doctor of biology

# **OUR MISSION**



Pollinators for Earth is a non-profit organization that mobilizes different international players to preserve bees and all pollinating insects, which are essential to our environment. We bring together doctors in biology, researchers, companies, beekeepers and nature lovers to better understand their decline and act together.

Pollinators for Earth is committed to preserving pollinators and their habitats by mobilizing research, educating the public and encouraging sustainable practices. The association works to restore harmony between humans and nature, thus ensuring the richness of our ecosystems and the food security of future generations.

By supporting Pollinators for Earth, you are helping to save pollinators and promote a healthy environment for all.

The association's project is in the general interest, and its activities are non-profit-making, secular and apolitical.



## 2007

CREATION OF THE APINOV BEEKEEPING RESEARCH CENTER

Support for beekeepers to make a better living from their work and participate in saving bees

## 2014

CREATION OF THE APILAB BIOMONITORING LABORATORY

Assessment of biodiversity and the impact of human activities on the environment and pollinators

## 2024

CREATION OF THE BIOMONITORING RESEARCH ASSOCIATION POLLINATORS FOR EARTH

Data collection and analysis to understand the causes of pollinators decline

# OUR STORY

## THE ASSOCIATION

Founded by experts committed to the preservation of pollinators in October 2024, the association's mission is to respond to the growing threats to these vital species.

# **OUR OFFICE**



## Precillia Cochard President

Précillia Cochard holds a PhD in behavioral ecology from Université Laval – Québec. Her professional career has led her to make the impact of pollutants on bees her preferred field of research.

## Benjamin Poirot Vice-president

A beekeeper for over 25 years, Benjamin holds a master's degree from the University of Technology of Compiègne and a PhD in Biochemistry from the University of La Rochelle. Author of several books on honeybees, Benjamin is a committed player in the development of responsible beekeeping.





## Myriam Laurie Treasurer

Myriam is an engineer in the agri-food industry, graduated from ENSBANA in Dijon, with a specialization in sensory evaluation. With several years of experience in administrative and financial management, she takes care of the association's treasury.

# OUR MAIN GUIDELINES

01.

## Database research & creation

We collect and analyze data to better understand the threats to pollinators (pesticides, pollutants, urbanization or resource loss), then make them public and accessible to all.

#### Action & initiative

We carry out projects to improve the health of pollinators and their ecosystems, make available the resources that are favorable to them, and promote environmentally friendly practices.

02.

03.

## Awareness & information

We organize events and create educational tools to inform all stakeholders.

# OUR PROJECTS 2025

# Flowers for pollinators: acting together against resource loss



Pollinators for Earth aims to describe the diets of pollinators (in particular honeybees, bumblebees and mason bees), using environmental DNA analyses (metabarcoding). In concrete terms, we collect honey and pollen from all over the world and analyse them to precisely identify the varieties of flowers they consume. This approach will allow us to identify the floral resources they share and propose suitable landscaping to compensate for their nutritional deficiencies. By supporting our work, you are helping to preserve biodiversity and maintain healthy pollinator populations, while promoting resilient floral ecosystems for future generations.

## Pesticide red alert: A world map to protect bees

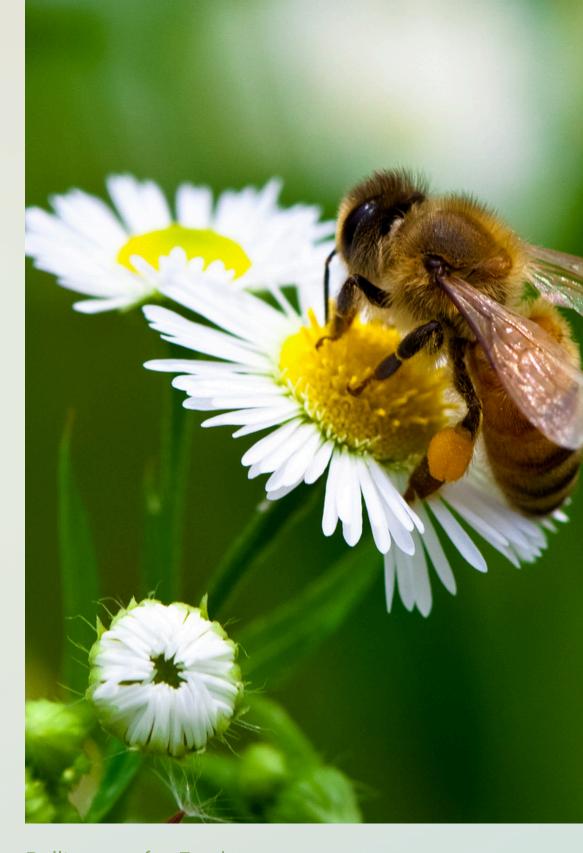
Bees, essential for pollination and biodiversity, are seriously threatened by the use of pesticides such as neonicotinoids, leading to mortality and disorientation of individuals. To address this, our project aims to map risk areas around the world, collect and share data on these substances, raise awareness among key stakeholders and propose measures that benefit pollinators. Through scientific, local and international collaborations, we aim to reduce bees' exposure to pesticides, promote sustainable agricultural practices and protect ecosystems. By supporting our work, you are preserving bees and biodiversity, while encouraging a sustainable environmental balance for future generations.



## Monitoring bee health using nondestructive methods: an integrated approach

The honeybee microbiota is a pillar of its health: it facilitates digestion, eliminates pesticides and strengthens the colony's immunity. The intensive use of chemicals can cause "dysbiosis", making honeybees more vulnerable to disease and stress. To anticipate these imbalances, we use non-invasive methods (analysis of honey, bee bread, excrement) combined with DNA sequencing. This innovative technology allows us to detect signals of dysfunction very early on and take preventive measures, thus reducing losses and preserving the viability of hives. In addition, a healthy microbiota improves foraging, a key element for good pollination, and strengthens the resilience of colonies in the face of environmental challenges. By supporting our work, you are actively participating in the preservation of biodiversity and the sustainability of sustainable beekeeping, for the benefit of all.

# CONTACT US



#### Pollinators for Earth

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Make a donation