Project *Apis m.* 2020 Annual Report

This report highlights each of our ongoing programs, includes links to more information, and an overview of our financial standing. We sincerely thank all of our supporters and collaborators, and offer this report as a transparent and informative resource.

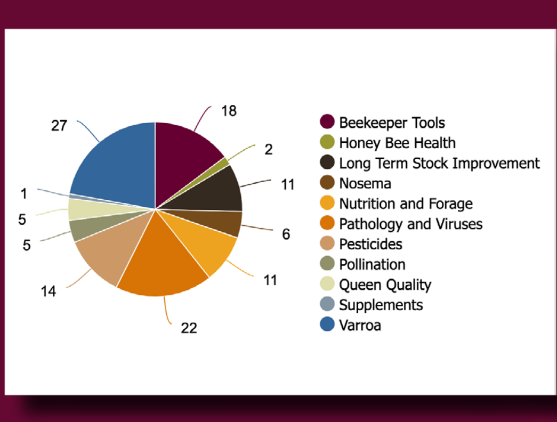
seeds *for* bees® Project *Apis m.*

The Bee & Butterfly Habitat Fund
A Unique Conservation Solution.

Project *Apis m.*

RESEARCH

121 projects funded



16 Scholarships Awarded

FORAGE

>50,000 acres of cover crops planted in California

320 Bee and Butterfly Habitat projects planted in the Midwest

PA*m* continues to fund high quality research proposals delivering meaningful results to beekeepers. 2020 presented researchers (and beekeepers) with many challenges, and PA*m* is proud to take an individualized approach for each of our grants by increasing flexibility and timelines in response to COVID-19.

Research

National Honey Board®

26 Projects Funded **$1.13 Million**

The National Honey Board is an industry-funded agricultural promotion group that drives funds toward pollination, *Varroa*, nutrition and forage, pesticide, and queen quality research.

COSTCO WHOLESALE

33 Projects Funded **$4.17 Million**

Across the US and Canada, Costco has driven millions of dollars into honey bee research and scholarships- the continuity of honey bee health scientists and specialties in the academic and research world.

Project *Apis m.*

42 Projects Funded **$1.24 Million**

To date, PA*m* has funded 42 research projects made possible by donations from beekeepers, beekeeping clubs and associations, and others. Proposals can be easily submitted year-round, through our website.

Search PAm's Research Database Here

HEALTHY HIVES 2020

14 Projects Funded **$1.07 Million**

Healthy Hives 2020, a partnership between Project *Apis m.* and Bayer, is a multi-year, $1.3 million research initiative that is laser focused on finding measurable and tangible solutions for beekeepers to improve U.S. honey bee colony health.

BEE INFORMED

PA*m* has supported the BIP Tech Transfer Teams since 2013. These teams help commercial beekeepers make management decision through data driven evidence based on repeated colony inspections and sampling. Beekepers who participate have lower annual losses.

Learn More

Breeding Varroa Resistant Bees

HILOBEES

Hilo Bees

The Mission of the Hilo Bee Project is to provide *Varroa*-resistant honey bees with traits suitable for commercial beekeepers, at a commercial scale.

A public/private partnership between Project *Apis m.*, Hawaii Island Honey Company, USDA Baton Rouge Bee Lab, and Arista Bee Research, Hilo Bees are the result of one of the largest honey bee breeding projects in the world.

Learn more: Hilobees.com

Investing in the Next Generation of Bee Researchers

Costco Scholars

The PA*m*-Costco Scholar Program in the USA and Canada has awarded over $800,000 to 12 impressive up-and-coming bee researchers who are committed to a better future for bees. Learn More

Christi Heintz Memorial Scholarship Award

Over 40 donors contributed to make this memorial scholarship a reality in remembrance of PA*m*'s founding leader, Christi Heintz. Four outstanding scholars were awarded a combined total of $55,000

Learn More

In 2020, we saw our forage programs take flight as growers and landowners incorporate sustainable farming practices and plant forage for pollinators. Collaborating with other organizations increases our impact, and has resulted in many more acres planted.

Forage

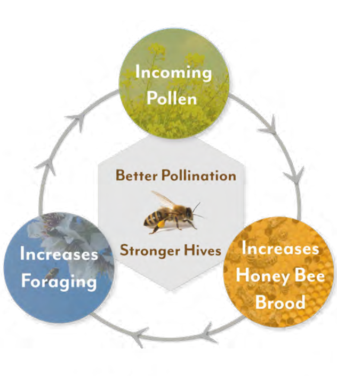
seeds *for* bees® Project *Apis m.*

>50,000 Acres Planted

>10,130 Acres Planted in 2019

Blooming cover crops help "jump start the hive" before almond bloom by creating a positive feedback loop

Learn More



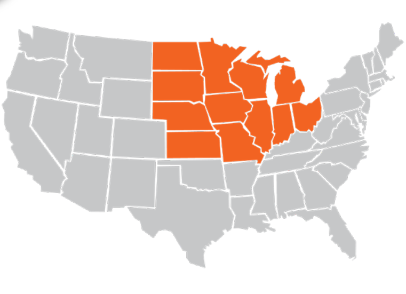
The Bee & Butterfly Habitat Fund
A Unique Conservation Solution.

320 Habitat Projects Planted

13.9 M Milkweed Seeds Planted

Efforts targeting 12 states important for honey production and summer habitat

Learn More



Forage and habitat are crucial to honey bee health, helping to mitigate other health stressors like *Varroa*, pathogens/viruses, and incidental pesticide exposure. While research is taking place to better understand honey bee health threats, PA*m*'s forage programs address honey bee health immediately.

Leading Industry Collaboration

Bee Health COLLECTIVE™

The Bee Health Collective

In partnership with the National Honey Board and supported by BIP, USDA, and the Almond Board of California, this a comprehensive research and researcher database accessible by the public and a home for accurate honey bee health information. Visit: BeeHealthCollective.org

Bee Research Coordination Committee

The Bee Research Coordination Committee was initiated in 2019 by Project *Apis m.* and the Almond Board of California, bringing these stakeholders together to coordinate bee research efforts:

Partnering For Pollinators in California's Almond Orchards

Bee + Scholarship

The Almond Board of California provided funding for 100 Almond growers to receive free blooming cover crop seeds through the Seeds for Bees® program

Blue Diamond Growers

Blue Diamond Growers partners with Project *Apis m.* to educate growers about Seeds for Bees®, providing clean water for bees, and Best Management Practices.

Forage Research

Project *Apis m.* partners with multiple researchers to better understand how planting bee forage and cover crops in almond orchards improves bee health and sustainable farming practices.

PA*m* is an efficient steward of the donations we receive. Beekeeper, grower,and individual supporters of PA*m* increase our impact directly and gain us additional corporate and supply chain support.

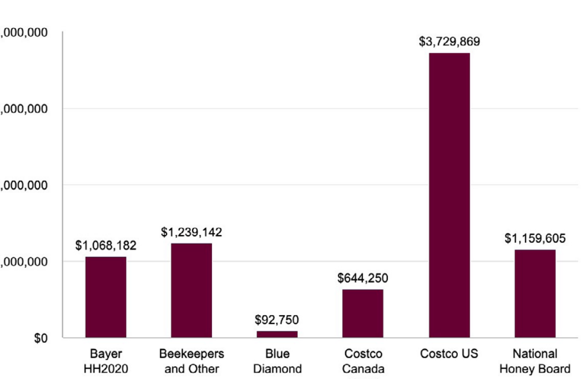
Project *Apis m.*

Statement of Activities
July 2019 - Jun 2020

Income	
Contributions:	$1,404.195
Program Revenue:	$201,003
Government Grants - Hilo Bees:	$118,688
Interest Income:	$1,342
Total Income:	**$1,725,227**
Expenses	
Research Grants:	$631,071
Hilo Bees Research:	$227,316
Seeds for Bees:	$311,064
Total Programs:	**$1,169,450**
Management & General:	$186,591
Fundraising	$33,980
Total Expenses:	**$1,290,022**
Net Income:	$335,205
End of Year Net Assets:	$1,737,697

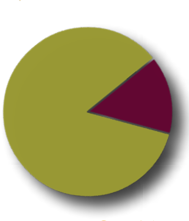
Fiscal Responsibility

~15% of PA*m* research is funded directly by beekeepers, beekeeping clubs and individual supporters.



In 2020, $1,169,450 has gone directly to research and forage

We are proud to share that last fiscal year we have maintained our 16% overhead goal (overhead includes administrative costs such as software and technology, travel, and salaries)



Project *Apis m.* maintains a position of independence. Please Click Here to read more about this as well as FAQs about our Corporate Sponsors

PAm Board of Directors

The PA*m* Board of Directors includes commercial beekeepers, beekeeping and almond industry leaders, and a state apiarist. Together they represent:

- 85,000 colonies of bees
- Over 5 million pounds of US honey produced
- Over 70 million pounds of honey packed
- 32 crops pollinated on contract, including 75,000 acres of almonds
- Leadership roles in 25 state and national stakeholder organizations
- A combined total of 28 generations of beekeepers
- Hosting and in-kind support of 16 bee health research projects each year

Learn More

Science Advisors

At the heart of Project *Apis m.* is research; seeking science-driven solutions to bee health and crop pollination problems. The Board relies on a team of scientists with a wide variety of experience and expertise to review the proposals we receive.

Reviewers scrutinize project potential for the commercial beekeeping community to benefit from funded research and its application.

Learn More

A word from PA*m*'s Executive Director

Dear Friends,

I am proud to present our first Annual Report. PA*m* has grown in so many ways, including increasing our staff, capacity and efficiency, and also strengthening our network connections. This report is a reflection of that growth and I hope it draws you closer to the meaningful and necessary work that you help support.

Despite this year's many challenges, PA*m* continues to be a leading advocate for honey bees. Our collaborations with the private and nonprofit sectors have resulted in the creation of the Bee Health Collective and the Bee Research Coordination Committee. Both initiatives are bringing diverse leadership teams together to work 'smarter' on the most pressing bee health issues. In addition, our corporate partners like Costco and Blue Diamond are initiating fundamental changes in their supply chain to better support pollinators with forage. Our forage projects also continue to flourish. This year PA*m* worked with 251 farmers who seeded more than 10,500 acres of pollinator-nutritious habitat throughout the Midwest and California.

In 2019, PA*m* received 49 research proposals, and funded 25 of them. The requests for 2020 are many more. As the demand for healthy honey bees increases along with their stressors, we want high quality, practical research to keep step. And as researchers adapt to pandemic-related complications, our flexibility has kept our projects resilient, making forward progress.

We are proud of our progress and our growth. We hope it encourages continued confidence and support for the work of protecting honey bee health through research, forage and collaboration.

Thank you,

D. Downey

Danielle Downey
Executive Director, Project Apis m.