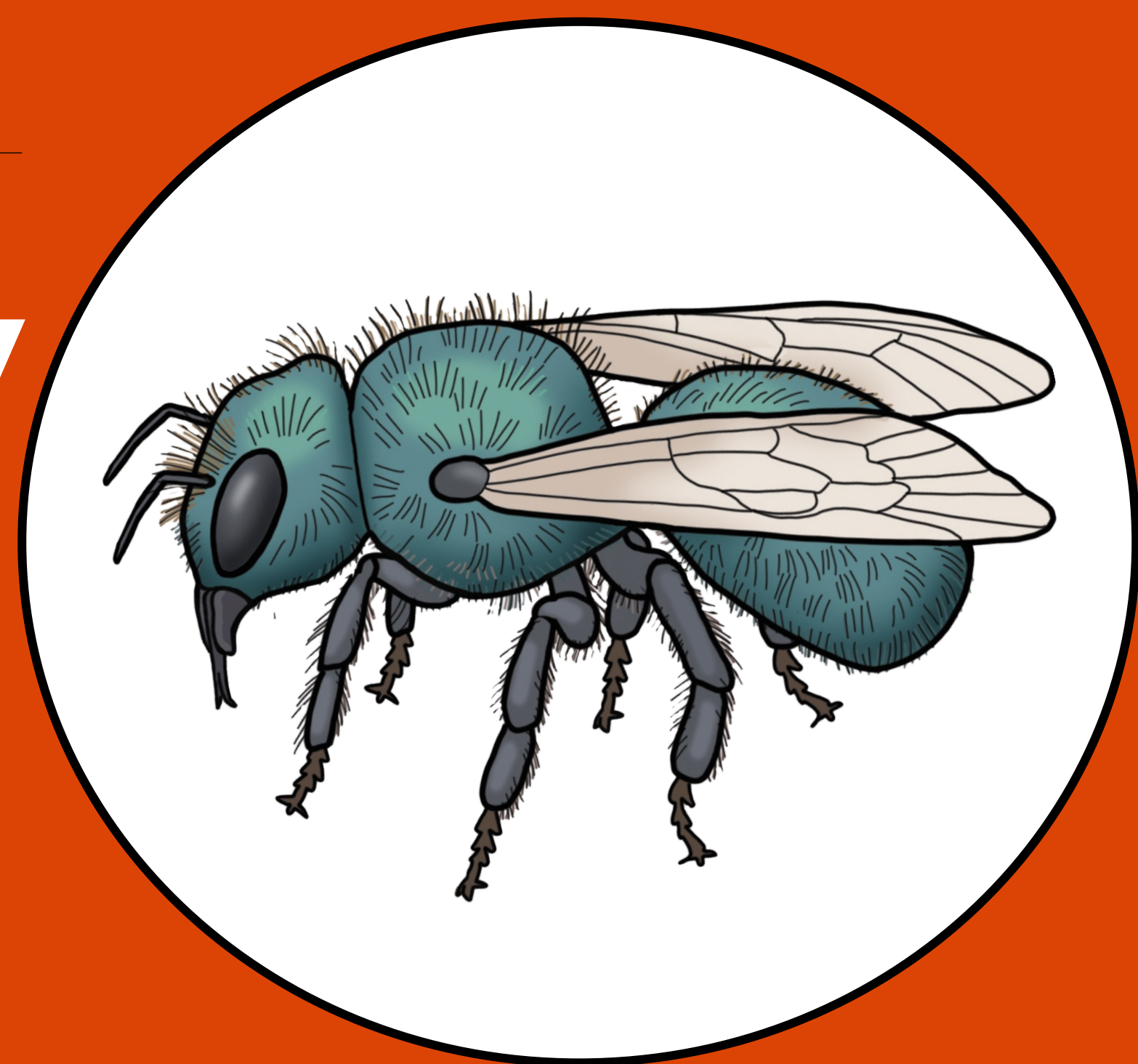


Oregon viticulturists committed to making wine that promotes bee biodiversity.

OREGON BEE FRIENDLY WINE GRAPES



Cody Wilson (Pollinator Partnership) - cody@pollinator.org | 503 744 2628

Andony Melathopoulos (Oregon State University) – andony.melathopoulos@oregonstate.edu | 541 452 3038

BEE FRIENDLY WINE?

- Oregon has over **700 species of bees**.
- The expansion of vineyards could negatively impact **semi-natural areas rich in biodiversity** that are key to pollinators and other organisms.
- Impacts could be offset by vineyards willing to make investments in providing **on-farm habitat vital for bees**.
- While bee-habitat may not contribute to overall production, vineyards in the Western U.S. have shown a high level of adoption of farm practices of conservation concern, particularly when coupled to environmental certification initiatives.
- Recently, **LIVE has partnered with Pollinator Partnership** to increase pollinator habitat acreage on vineyards through Bee Friendly Farming certification.
- Our project bridges the gaps between bee friendly vineyard practices, bee biodiversity, and public recognition of the efforts being made to protect bees by:
 1. evaluating existing on-farm habitat using new **plant inventory and bee monitoring tools**,
 2. promoting bee-friendly vineyards at **wine tasting rooms** through new Extension and outreach tools, and
 3. aiding the adoption of our habitat evaluation and bee friendly farming promotion tools beyond the project team through an on-farm **Bee-Friendly Viticulture Tours**.

Cody Wilson of Pollinator Partnership at Domaine Willamette (Dayton, OR)



HABITAT EVALUATION TOOLS

- Participating growers document flowering plant biodiversity using a iNaturalist smartphone app.
- Plant records matched against the Oregon Bee Atlas (Fig 1), which has the largest bee-plant interactions recorded of any state. This provides growers with: 1) a list of expected bees found on the vineyard, 2) the plants that attract the most bees and 3) the plants the vineyard would need to increase bee biodiversity.
- The bee community at each vineyard is also monitored using bee nesting tubes. Tubes are deployed in April and then bees emerged at OSU in the winter months.

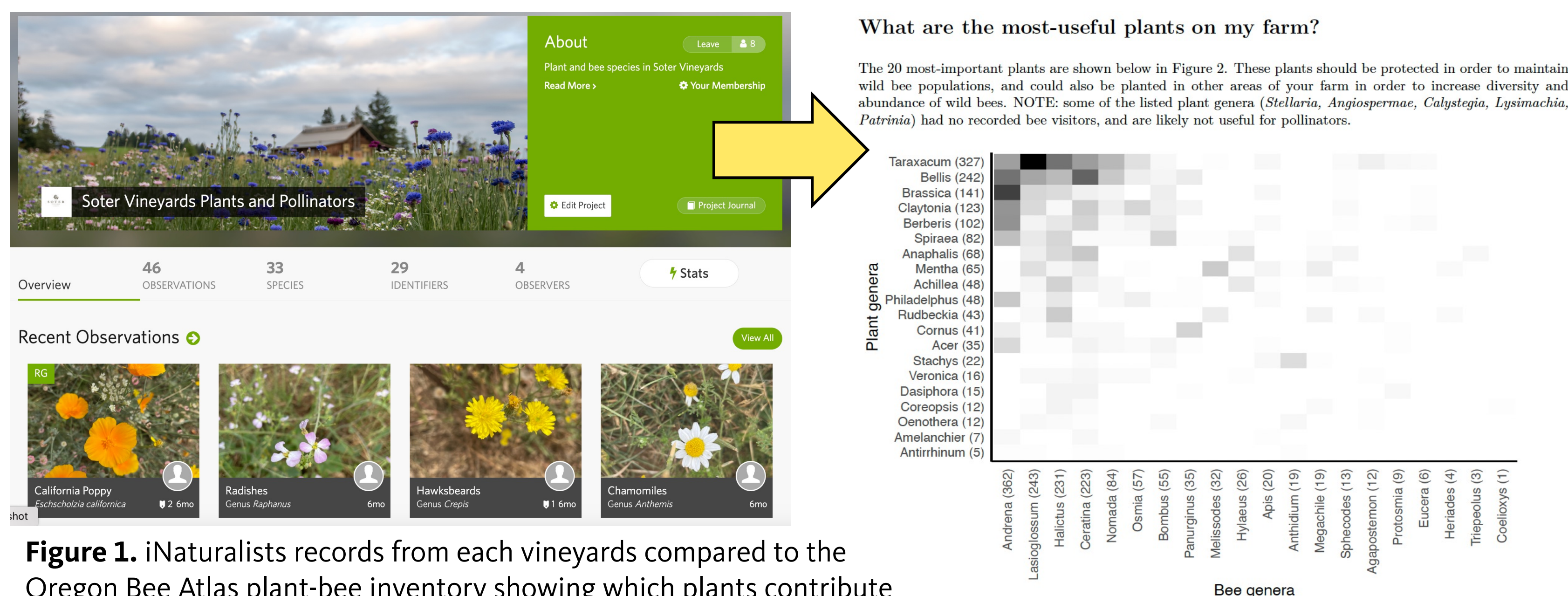


Figure 1. iNaturalist records from each vineyard compared to the Oregon Bee Atlas plant-bee inventory showing which plants contribute most to bee biodiversity... and which key plants are missing.

PROMOTION

- To promote Bee Friendly Wine, participating vineyards are hosting events to focused on helping the public learn how to help bees at home – a Bee Friendly Wine Tour (Fig 2).
- Tour stops focus on four core skills: beekeeping, bee biodiversity, planting for bees and mason bees.
- A public-facing website – www.oregonbeeproject/wine - is being used to promote events and stewardship efforts at vineyards.
- A seed pack containing bee plants that match the Oregon Bee Atlas recommendations are also being distributed to patrons at tasting rooms.

BEE FRIENDLY VITICULTURE TOUR

- Tours are for viticulturists and landscape managers at Oregon vineyards to learn the skills to enhance bee habitat on their property through hedgerows, cover cropping, conservation cover and landscaping.
- Tours include vineyards with active restoration projects, as well as key tours of leading restoration practitioners and seed and nursery production.

ACKNOWLEDGMENTS

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Figure 2. Promotional material available from participating vineyards to promote Bee Friendly Wine practices.

Get Involved



POLLINATOR PARTNERSHIP

Protect their lives. Preserve ours.



Oregon State University