



Research grant opportunity: **Honey bee apiaries on public lands**

Honey bee apiaries are present on some national forests and some Bureau of Land Management (BLM) lands. Numerous research studies have documented effects of apiary-associated honey bees on native bees and native and invasive plants.¹ [Project Eleven Hundred](#), a 501(c)(3) conservation organization, tracks the existence of federal public lands permits for honey bee apiaries and, in conjunction with several other organizations, urges federal land managers to avoid authorizing or renewing such permits.

Project Eleven Hundred is able to fund or partially fund a limited number of research projects associated with honey bee apiaries on federal public lands at amounts from \$2,000-\$25,000. Topics for potential research include, but are not limited to:

- The history, legal framework, and/or policies associated with permitting honey bee apiaries on federal public lands.
- One or more field effects of the presence of honey bee apiaries on one or more native bees or native plants.
- Feral honey bee colonies on public lands: geography, presence, management practices and/or policies.

Who can apply for funding:

- Professional scientists (e.g., entomologists, botanists, ecologists)
- Undergraduate or graduate students
- Public lands citizen scientists
- Retired or otherwise available agency employees
- Non-governmental organization staff and/or volunteers
- Others

What can be funded:

- The budget is reviewed by Project Eleven Hundred. Potential for funding includes:
 - Out-of-pocket costs such as equipment, travel
 - Financial support for the researcher

¹ A collection of 36 research studies is available at <https://tinyurl.com/2vn6ddbb>



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Criteria used in judging applications for a Project Eleven Hundred grant:

- The proposed research has not yet begun.
- Relevance to the presence of honey bee apiaries on public wildlands.
- The research question addresses an issue not settled.
- Clear project outline (including major question, proposed methods and analysis, location) and timeline.
- Budget, including sources of funding.
- Feasibility of proposed research.
- Potential for publication.
- Letter of support by a qualified person who has reviewed the proposal.

Deliverables:

- A publicly available technical report: Introduction, background, methods, results, discussion, acknowledgments.
- A one- to two-page summary readable by non-scientists for Project Eleven Hundred outreach.
- If feasible, submission of a manuscript for publication

Role of Project Eleven Hundred:

- Selects which research projects to fund.
- Disburses funds on the schedule agreed upon prior to issuance of grant.
- Project Eleven Hundred will not interfere with the research or reporting of results.
- Project Eleven Hundred will be available for discussion throughout the research process, at the request of the researcher.

For questions or more information, contact Mary O'Brien at maryobrien10@gmail.com

Research grant application
Honey bee apiaries on public lands

1. Name:
2. Address:
3. Email address:
4. Text/phone number:
5. Project title:
6. Issue to be addressed:
7. Date of beginning research:
8. Description of question being addressed:
9. Importance of this question:
10. Proposed location, time period of research:
11. Proposed methods, including equipment (1-2 pages)
12. Will a research permit be needed? If so, state the process that will be used to obtain the research permit, and likelihood of timely permission.
13. Total budget for the project and portion of Project Eleven Hundred funding being sought (1 page)
14. Additional sources of funding if applicable, both (a) already obtained and (b) additional funds being sought.
15. Review and recommendation of the proposed research by at least one qualified reviewer:
[Attach separately.]

Send your application materials to maryobrien10@gmail.com