

GALE SCAVENGER HUNT: SAVE THE BEES

Gale In Context: Environmental Studies

Directions: Bees play a vital role in pollinating many of the plants that grow the fruits and vegetables humans eat. Even with this important role in food supply human activities are causing bees to disappear, and their colonies to collapse.

To start your scavenger hunt, log into *Gale In Context: Environmental Studies*. Search **Bees** and select the bold option that appears. This will launch you into the **Bees Topic Page**.

1

Select **Read More** under the overview at the top of the page. How do bees support agriculture?

Answer:

Source:

2

Under the **Reference** section, select the “Colony Collapse Disorder” article. What is Colony Collapse Disorder? What are some potential causes?

Answer:

Source:

3

Under the **Audio** section, listen to “The Endangered Species Act is Failing to Protect a Bumble Bee, Environmentalists Say”. What is the issue they are addressing? How do you think it can be solved?

Answer:

Source:

4

In the **Images** section, view the to “Extinction Rebellion Demonstrators Highlighting Colony Collapse Disorder, 2019” image. Why do you think the demonstrators decided to stage the “die-in”?

Answer:

Source:

1 **Answer:** Bees pollinate about 1/3 of cultivated food crops. Many are kept by commercial beekeepers and carried to different farm to pollinate their crops.

Source: Blackwell, Amy Hackney. "Bees." *Gale Environmental Studies Online Collection*, Gale, 2018. *Gale In Context: Environmental Studies*, [link.gale.com/apps/doc/MPFAYP378283013/GRNR?u=\[enter loc id\]&sid=bookmark-GRNR&xid=06a5bee7](https://link.gale.com/apps/doc/MPFAYP378283013/GRNR?u=[enter loc id]&sid=bookmark-GRNR&xid=06a5bee7). Accessed 15 June 2022.

2 **Answer:** Colony Collapse Disorder is a phenomenon in which most (or all adult honeybees in a colony disappear.

Potential causes include pathogens, pesticides, fungicides, and environmental stress.

Source: Alic, Margaret, PhD. "Colony Collapse Disorder." *The Gale Encyclopedia of Environmental Health*, edited by Jacqueline L. Longe, 2nd ed., vol. 1, Gale, 2019, pp. 205-209. *Gale In Context: Environmental Studies*, [link.gale.com/apps/doc/CX2491100074/GRNR?u=\[enter loc id\]&sid=bookmarkGRNR&xid=346d540b](https://link.gale.com/apps/doc/CX2491100074/GRNR?u=[enter loc id]&sid=bookmarkGRNR&xid=346d540b). Accessed 15 June 2022.

3 **Answer:** The issue is surrounding the emergence of the rusty patched bumblebee, an endangered species. The bumblebee was spotted on a prairie that was going to be used as an expansion for a near by airport. Conservationists are trying to stop the airport expansion to save the habitat.

Source: "The Endangered Species Act is failing to protect a bumble bee, environmentalists say." *NPR: Environment*, 26 Apr. 2022, p. NA. *Gale In Context: Environmental Studies*, [link.gale.com/apps/doc/A701742501/GRNR?u=\[enter loc id\]&sid=bookmarkGRNR&xid=2e631ff0](https://link.gale.com/apps/doc/A701742501/GRNR?u=[enter loc id]&sid=bookmarkGRNR&xid=2e631ff0). Accessed 16 June 2022.

4 **Answer:** Answers will vary.

Source: "Extinction Rebellion Demonstrators Highlighting Colony Collapse Disorder, 2019." *Gale Environmental Studies Online Collection*, Gale, 2021. *Gale In Context: Environmental Studies*, link.gale.com/apps/doc/EFNJJN820893670/GRNR?u=awinters&sid=bookmark-GRNR&xid=9081afb4. Accessed 16 June 2022.