Breeding for balance • Bogong moth jury

**Year 9**

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| **Name:** |  |

The number of bogong moths that visit the high country of Eastern Australia crashed in 2017. An essential part of the ecosystem, their decline has also threatened the survival of the Mountain Pygmy-possum (*Burramys parvus*) and the Marsupial mouse (*Antechinus stuartii*).

Your mission is to identify possible suspects responsible for the decline in the population of bogong moths.

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| **Name** | **Suspect or**  **not guilty** | **Evidence** | **Reasoning** | **Further information** |
| **Fox** |  |  |  |  |
| **Pig** |  |  |  |  |
| **Insecticide** |  |  |  |  |
| **LED street lights** |  |  |  |  |
| **Honey bees** |  |  |  |  |
| **Increased land use** |  |  |  |  |
| **Bushfires** |  |  |  |  |
| **Increased temperatures** |  |  |  |  |
| **Pest status** |  |  |  |  |
| **Herbivores** |  |  |  |  |