

- *the effects of unpredictable and/or abrupt environmental changes resulting in localised extinction and speciation, or ecosystem shock, with reference to at least one example from the following events: floods, droughts, fire, earthquake, volcanic activity, the emergence of new diseases and/or rapid erosion events.*

Case Studies

Choose one of the following to address the dot point. Your case study should include the following elements;

- Name the threatened species.
- Identify the current habitat of this species.
- Identify the environmental event(s) that have contributed to the threat to this species.
- Identify the impact of (iii) on this species in terms of extinction, speciation or ecosystem shock.

https://www.ehp.qld.gov.au/wildlife/threatened-species/endangered/endangered-animals/eastern_bristlebird.html

<http://www.environment.nsw.gov.au/threatenedspeciesapp/profile.aspx?id=10510>

Now, research a second example of your own choice. The web sites below are a good place to start looking. Try to choose a case study that involves a threat related to the events listed below;

- ✓ *flood*
- ✓ *drought*
- ✓ *fire*
- ✓ *earthquake*
- ✓ *volcanic activity*
- ✓ *the emergence of a new disease*
- ✓ *rapid erosion events*

<http://www.australianscience.com.au/>

<http://www.sciencealert.com/>

<https://www.sciencedaily.com/>