**Worksheet 1: The Matrix**

To complete this worksheet, you will need to watch the video: *The Matrix in Ecology by Don Driscoll*

The matrix refers to the areas that \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ of \_\_\_\_\_\_\_\_\_\_\_ vegetation. Many \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_ can only live in \_\_\_\_\_\_\_\_\_\_ vegetation. However people have \_\_\_\_\_\_\_\_\_ a lot of this \_\_\_\_\_\_\_\_\_\_\_\_\_ for \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_, creating the \_\_\_\_\_\_\_\_\_\_\_\_ that \_\_\_\_\_\_\_\_\_\_ species \_\_\_\_\_\_\_\_\_\_\_ live in. Once \_\_\_\_\_\_\_\_\_\_\_ in \_\_\_\_\_\_\_\_\_\_\_, organisms are at risk of \_\_\_\_\_\_\_\_\_\_\_\_.

The matrix influences species living in patches through 3 core effects…

1.
2.
3.

Who does the matrix benefit? What impacts do they then have on native species?

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How can we help our native animals and plants to survive in urban landscapes?

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| Matrix |  |
| Patches |  |
| Habitat |  |
| Remnant |  |
| Vegetation |  |
| Fragmentation |  |
| Agriculture |  |
| Urban |  |
| Native |  |
| Disperse |  |
| Adaptation |  |
| Movement |  |
| Resources |  |
| Abiotic |  |
| Species |  |
| Invade |  |
| Natural Selection |  |

Complete the following table by writing down your understanding of the following key terms:

Check your answers using the *Glossary* on the *Contemporary Ecology* site.