**The plight of the Endangered mountain gazelle *Gazella gazella***

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Supplementary Table 1 Land-use categories and their corresponding permeability scores used to analyse connectivity for the mountain gazelle *Gazella gazella*. Sources used to obtain each of the land-use categories are also given.

|  |  |  |
| --- | --- | --- |
| **Land-use category** | **permeability** **score** | **Data source** |
| Natural areas | 1 | Aerial photography |
| Railways | 100 | Survey of Israel, aerial photography |
| National borders | 1000 | Survey of Israel |
| Build-up areas | 1000 | Survey of Israel, Ministry of the Interior |
| Agriculture | 2 | Aerial photography |
| Ruderal areas | 2 | Aerial photography |
| Highway | 1000 | Survey of Israel |
| National road | 500 | Survey of Israel |
| Regional road | 100 | Survey of Israel |
| Local road | 50 | Survey of Israel |

Supplementary Table 2 Characteristics of two types of gazelle ‘enclosures’ in central Israel.

|  |  |  |
| --- | --- | --- |
|  | **No connectivity** | **Partial connectivity** |
|  | Mean | S.E. | range | n | Mean | S.E. | range | n |
| Area (km2) | 13.27 | 5.16 | 1.21-52.95 | 11 | 35.65 | 7.79 | 3.36–60.73 | 6 |
| Mean gazelle number | 62 | 18.67 | 15-150 | 10 | 51 | 17.42 | 5-105 | 5 |
| Gazelles/km2 | 15.43 | 10.35 | 1.71–108.05 | 10 | 4.97 | 3.97 | 0.16-20.81 | 5 |