|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Parameter | Based on |  |  |  |  |  |  |
| **growth rate** | foraging distance | parasite | ***r*** |  |  |  |  |
|  | long | y | 2.5 |  |  |  |  |
|  | long | n | 3 |  |  |  |  |
|  | medium | y | 3.5 |  |  |  |  |
|  | medium | n | 4 |  |  |  |  |
|  | short | y | 4.5 |  |  |  |  |
|  | short | n | 5 |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **competition effect** | diet breadth | foraging distance | ***c*** |  |  |  |  |
|  | long | polylectic | 0 |  |  |  |  |
|  | long | oligolectic | 1 |  |  |  |  |
|  | medium | polylectic | 2 |  |  |  |  |
|  | medium | oligolectic | 3 |  |  |  |  |
|  | short | polylectic | 4 |  |  |  |  |
|  | short | oligolectic | 5 (n.a.) |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **land use suitability** |  |  |  |  |  |  |  |
| ***for foraging*** | diet breadth | bare | arable | forest | grassland | urban | water |
|  | oligolectic | 0 | 0.1 | 0.3 | 1 | 0.1 | 0 |
|  | polylectic | 0 | 1 | 0.5 | 1 | 0.3 | 0 |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| ***for nesting*** | nesting preference | |  |  |  |  |  |
|  | cavity | 0 | 0.1 | 1 | 0.3 | 0.7 | 0 |
|  | soil | 1 | 0.3 | 0.1 | 0.7 | 0.1 | 0 |
|  |  |  |  |  |  |  |  |
| **dispersal distance** | foraging distance | |  |  |  |  |  |
|  | long | 60 | 0.6 |  |  |  |  |
|  | medium | 30 | 0.3 |  |  |  |  |
|  | short | 10 | 0.2 |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **weather impact** | foraging distance | |  |  |  |  |  |
|  | long | 0.6 |  |  |  |  |  |
|  | medium | 0.8 |  |  |  |  |  |
|  | short | 1 |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
| **Disturbance impact** | nesting preference | |  |  |  |  |  |
|  | cavity | 0.3 |  |  |  |  |  |
|  | soil | 0.9 |  |  |  |  |  |