|  |  |  |  |
| --- | --- | --- | --- |
| Black bear by papapishu  **Bär** |  |  | Squirrel by Firkin  **Eichhörnchen** |
|  |  |  |  |
|  |  |  |  |
| racoon by papapishu  **Waschbär** |  |  | badger by papapishu  **Dachs** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Frog  by papapishu  **Frosch** |  |  | Butterfly 20 by Firkin  **Schmetterling** |
|  |  |  |  |
|  |  |  |  |
| Ladybird by Firkin  **Marienkäfer** |  |  | Black snake by papapishu  **Schlange** |
|  |  |  |  |
|  |  |  |  |
| monitor lizard by papapishu  **Eidechse** |  |  | snail  by papapishu  **Schnecke** |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| demoiselle crane by papapishu  **Kranich** |  |  | stork by papapishu  **Storch** |
|  |  |  |  |
|  |  |  |  |
| Swallow by Firkin  **Schwalbe** |  |  | cuckoo by papapishu  **Kuckuck** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Roe by Firkin  **Reh** |  |  | fox by johnny_automatic  **Fuchs** |
|  |  |  |  |
|  |  |  |  |
| Ermine by Firkin  **Hermelin** |  |  | Sapsucker by Firkin  **Specht** |
|  |  |  |  |
|  |  |  |  |
| Ousel by Firkin  **Amsel** |  |  | Rabbit by dominiquechappard  **Hase** |
|  |  |  |  |

|  |  |
| --- | --- |
| **Winterschlaf** | |
|  | |
|  | |
| **Winterruhe** | |
|  |  |
|  | | |
| **Winterstarre** | |
|  | |
|  |  |
| **winteraktive Tiere** | |
|  | |
|  | |
| **Winterruhe** | |
|  | |

|  |  |  |  |
| --- | --- | --- | --- |
| fressen sich im Herbst Fettschicht an |  |  | schlafen mehrere Monate |
|  |  |  |  |
|  |  |  |  |
| Atmung und Herzschlag langsamer |  |  | Körpertemperatur  sinkt stark ab |
|  |  |  |  |
|  |  |  |  |
| wachen mehrmals auf, um zu essen |  |  | schlafen an geschützten Orten |
|  |  |  |  |
|  |  |  |  |
| legen im Herbst  Vorräte an |  |  | Körpertemperatur sinkt nicht so stark ab |
|  |  |  |  |
|  |  |  |  |
| nur bei wechselwarmen Tieren |  |  | sind komplett erstarrt |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| können nicht geweckt werden |  |  | fliegen im Herbst in warme Gebiete |
|  |  |  |  |
|  |  |  |  |
| fressen sich im Herbst Fettschicht an |  |  | leben im Winter  normal weiter |
|  |  |  |  |
|  |  |  |  |
| bekommen ein Winterfell bzw. Daunen |  |  | gehen auf Nahrungssuche |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**Information**

|  |  |
| --- | --- |
| Name: | Überwinterungsstrategien – Legematerial |
| Autor: | Johannes Kübler |
| Lizenz: | Die Datei wurde vom Autor in die Gemeinfreiheit - auch Public Domain genannt – entlassen.  Den rechtsverbindlichen Lizenzvertrag finden Sie unter <https://creativecommons.org/publicdomain/zero/1.0/deed.de>  https://mirrors.creativecommons.org/presskit/buttons/88x31/png/cc-zero.png |
| Quelle(n): | eigene Arbeit |
| Bildnachweise: | * Alle Grafiken von <https://openclipart.org> , veröffentlicht unter Public Domain (siehe <https://openclipart.org/share>) https://mirrors.creativecommons.org/presskit/buttons/80x15/png/cc-zero.png   + Hedgehog-2 <https://openclipart.org/detail/287621/hedgehog-2>   + Dormouse <https://openclipart.org/detail/281818/dormouse>   + Bat <https://openclipart.org/detail/23889/bat>   + Woodchuck <https://openclipart.org/detail/280301/woodchuck-2>   + Black Bear <https://openclipart.org/detail/24590/black-bear>   + Squirrel <https://openclipart.org/detail/226856/squirrel>   + Racoon <https://openclipart.org/detail/121861/racoon>   + Badger <https://openclipart.org/detail/23702/badger>   + Frog <https://openclipart.org/detail/48739/frog>   + Butterfly-20 <https://openclipart.org/detail/270113/butterfly-20>   + Ladybird <https://openclipart.org/detail/274929/ladybird>   + Black snake <https://openclipart.org/detail/24594/black-snake>   + Monitor lizard <https://openclipart.org/detail/121039/monitor-lizard>   + Snail <https://openclipart.org/detail/123973/snail>   + Demoiselle Crane <https://openclipart.org/detail/32683/demoiselle-crane>   + Stork <https://openclipart.org/detail/124039/stork>   + Swallow <https://openclipart.org/detail/226292/swallow>   + Cuckoo <https://openclipart.org/detail/32449/cuckoo>   + Roe <https://openclipart.org/detail/276673/roe>   + Fox <https://openclipart.org/detail/1516/fox>   + Ermine <https://openclipart.org/detail/282787/ermine>   + Sapsucker <https://openclipart.org/detail/278156/sapsucker>   + Ousel <https://openclipart.org/detail/262559/ousel>   + Rabbit <https://openclipart.org/detail/45679/rabbit> |