|  |  |
| --- | --- |
| **densityData** | |
| m2\_area | numPlants |
| 1 |  |
| 2 |  |
| 3 |  |
| 4 |  |
| 5 |  |
| 6 |  |
| 7 |  |
| 8 |  |
| 9 |  |
| 10 |  |
| meanDensity |  |
| quad radius |  |

|  |  |  |  |
| --- | --- | --- | --- |
| *PLEASE NOTE:* *first & last columns may be cut off by your printer. Please check & write-in.* | | | |
| **The HerbVar Network: Datasheet for single survey of N = 60 plants** | | | |
| Plant species |  | transect origin lat |  |
| Plant genus |  | transect origin lon |  |
| population diameter 1 |  | transect heading |  |
| population diameter 2 |  | season beginning |  |
| transect length (m) |  | season end |  |
| survey date(s) |  | | |
| site name |  | | |
| habitat type |  | | |
| natural | natural / managed / cultivated | | |
| observer names |  | | |
| notes |  | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **plantData** | | | | | | | | | | | | | | | | | | | | | | | | |
| transect  distance  (m) | subtrans  distance  (m) | plant ID | # plants in quad | focal plant cover (%) | other plant cover (%) | height  (cm) | plant stage | # leaves  ( ≦ 60) | # leaves herb | % herbivory per leaf | | | | | | | | | | % herb plant | % path | #  mine | #  gall | NNdist  (cm) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 1.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 2.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 3.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
| transect  distance  (m) | subtrans  distance  (m) | plant ID | # plants in quad | focal plant cover (%) | other plant cover (%) | height  (cm) | plant stage | # Leaves  ( ≦ 60) | # leaves herb | % herbivory per leaf | | | | | | | | | | % herb plant | % path | #  mine | #  gall | NNdist  (cm) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|  |  | 4 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 4.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 5 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 5.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 6 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 6.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 7 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 7.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 8 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 8.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 9.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 10 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 10.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 11 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 11.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 12 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 12.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| transect  distance  (m) | subtrans  distance  (m) | plant ID | # plants in quad | focal plant cover (%) | other plant cover (%) | height  (cm) | plant stage | # Leaves  ( ≦ 60) | # leaves herb | % herbivory per leaf | | | | | | | | | | % herb plant | % path | #  mine | #  gall | NNdist  (cm) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|  |  | 13 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 13.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 14 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 14.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 15.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 16 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 16.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 17 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 17.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 18 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 18.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 19 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 19.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 20 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 20.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 21 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 21.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| transect  distance  (m) | subtrans  distance  (m) | plant ID | # plants in quad | focal plant cover (%) | other plant cover (%) | height  (cm) | plant stage | # Leaves  ( ≦ 60) | # leaves herb | % herbivory per leaf | | | | | | | | | | % herb plant | % path | #  mine | #  gall | NNdist  (cm) |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|  |  | 22 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 22.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 23 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 23.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 24 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 24.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 25 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 25.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 26 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 26.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 27 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 27.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 28 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 28.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 29 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 29.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |
|  |  | 30 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ----- | ----- | 30.1 | ----- | ----- | ----- |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | ----- |