|  | Distance | | | | | | Urbanization Score | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Population | | | Family | | | Population | | | Family | | |
|  | χ2 | p | PVE | χ2 | p | PVE | χ2 | p | PVE | χ2 | p | PVE |
| Height before flowering | 0.000 | 0.500 | 0.000 | 1.681 | 0.098 | 4.617 | 0.000 | 0.500 | 0.000 | 1.575 | 0.104 | 4.475 |
| Height after flowering | 0.000 | 0.500 | 0.000 | 7.154 | **0.004** | 9.027 | 0.050 | 0.411 | 0.485 | 7.029 | **0.004** | 9.265 |
| LDMC | 0.050 | 0.412 | 0.413 | 0.011 | 0.459 | 0.439 | 0.211 | 0.323 | 0.888 | 0.013 | 0.454 | 0.492 |
| Mortality | 0.000 | 0.500 | 1.067 | 3.952 | **0.024** | 7.163 | 0.000 | 0.500 | 0.923 | 3.965 | **0.023** | 7.079 |
| Ramets before flowering | 0.000 | 0.500 | 0.165 | 52.455 | **<0.001** | 7.884 | 0.000 | 0.500 | 0.473 | 52.334 | **<0.001** | 7.827 |
| Ramets after flowering | 0.000 | 0.500 | 0.000 | 22.590 | **<0.001** | 5.826 | 0.000 | 0.500 | 0.000 | 22.903 | **<0.001** | 5.999 |
| Relative growth rate | 0.483 | 0.244 | 1.389 | 0.000 | 0.5 | 0.000 | 0.237 | 0.314 | 0.973 | 0.000 | 0.5 | 0.000 |
| SLA | 2.440 | 0.059 | 3.728 | 0.037 | 0.424 | 0.785 | 2.258 | 0.066 | 3.486 | 0.006 | 0.469 | 0.319 |
| D. plexippus abundance | 0.000 | 0.500 | 0.000 | 0.000 | 0.5 | 0.000 | 0.017 | 0.448 | 0.437 | 0.044 | 0.418 | 0.000 |
| L. clivicollis abundance | 0.000 | 0.500 | 0.800 | 0.000 | 0.5 | 0.000 | 0.000 | 0.500 | 0.000 | 0.000 | 0.5 | 0.000 |
| L. asclepiadis abundance | 0.034 | 0.428 | 1.673 | 3.365 | **0.034** | 4.881 | 0.055 | 0.407 | 1.583 | 3.181 | **0.038** | 4.849 |
| Herbivory before flowering (binary) | 0.000 | 0.500 | 0.000 | 0.000 | 0.5 | 0.000 | 0.000 | 0.500 | 0.000 | 0.000 | 0.5 | 0.000 |
| Herbivory before flowering (quantitative) | 0.000 | 0.500 | 0.000 | 0.000 | 0.5 | 0.000 | 0.000 | 0.500 | 0.000 | 0.000 | 0.5 | 0.000 |
| Herbivory after flowering (binary) | 0.001 | 0.490 | 0.000 | 0.315 | 0.288 | 3.729 | 0.001 | 0.488 | 0.000 | 0.280 | 0.298 | 3.809 |
| Herbivory after flowering (quantitative) | 0.000 | 0.500 | 0.000 | 1.076 | 0.15 | 4.410 | 0.000 | 0.500 | 0.000 | 0.743 | 0.194 | 3.628 |
| Latex exudation | 2.000 | 0.055 | 3.946 | 3.074 | **0.04** | 7.114 | 0.504 | 0.239 | 1.722 | 3.228 | **0.036** | 7.465 |
| Weevil damage (binary) | 0.000 | 0.500 | 0.000 | 2.741 | **0.049** | 6.715 | 0.000 | 0.500 | 0.000 | 2.614 | 0.053 | 6.614 |
| Weevil damage (quantitative) | 2.144 | 0.072 | 4.356 | 3.595 | **0.029** | 8.479 | 1.603 | 0.102 | 3.912 | 3.715 | **0.027** | 8.672 |
| Date of first flower | 0.000 | 0.500 | 0.000 | 0.000 | 0.5 | 12.682 | 0.000 | 0.500 | 0.000 | 0.000 | 0.5 | 10.791 |
| Date of first follicle | 0.000 | 0.500 | 0.000 | 29.669 | **<0.001** | 0.000 | 0.000 | 0.500 | 0.000 | 30.383 | **<0.001** | 0.000 |
| Flower size | 1.331 | 0.124 | 10.569 | 0.319 | 0.286 | 8.428 | 0.845 | 0.179 | 9.030 | 0.414 | 0.26 | 9.935 |
| Flowering duration | 0.000 | 0.500 | 0.769 | 0.000 | 0.5 | 0.000 | 0.000 | 0.500 | 0.000 | 0.000 | 0.5 | 0.000 |
| Flowering success | 0.115 | 0.368 | 2.045 | 2.696 | 0.051 | 5.187 | 0.025 | 0.437 | 1.459 | 2.814 | **0.046** | 5.308 |
| Follicles | 0.000 | 0.500 | 14.430 | 0.000 | 0.5 | 11.954 | 0.000 | 0.500 | 5.764 | 0.000 | 0.5 | 11.434 |
| Inflorescences | 1.325 | 0.125 | 12.878 | 9.892 | **0.001** | 0.000 | 0.930 | 0.168 | 7.011 | 9.238 | **0.001** | 0.000 |
| Flowers per inflorescence | 0.359 | 0.274 | 11.915 | 0.000 | 0.5 | 1.850 | 0.000 | 0.500 | 9.792 | 0.000 | 0.5 | 1.128 |
| Pollinaria removed | 0.145 | 0.352 | 3.139 | 0.628 | 0.214 | 14.544 | 0.035 | 0.426 | 1.477 | 0.345 | 0.278 | 11.331 |