|  | Population | | | Family | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | χ2 | p | PVE | χ2 | p | PVE |
| Height before flowering | 0.427 | 0.257 | 1.186 | 9.561 | **0.001** | 9.227 |
| Height after flowering | 0.776 | 0.189 | 1.442 | 5.626 | **0.009** | 6.616 |
| LDMC | 0 | 0.3805 | 0.407 | 0 | 0.5 | 0.000 |
| Mortality | 0.795 | 0.186 | 1.410 | 0.778 | 0.189 | 2.746 |
| Ramets, before flowering | 0.032 | 0.429 | 0.000 | 68.887 | **<0.001** | 6.927 |
| Ramets, after flowering | 0.121 | 0.364 | 0.324 | 27.65 | **<0.001** | 5.643 |
| Relative growth rate | 0 | 0.5 | 0.000 | 0.073 | 0.394 | 1.051 |
| SLA | 0 | 0.5 | 0.000 | 0 | 0.5 | 0.000 |
| D. plexippus abundance | 0.004 | 0.4765 | 0.000 | 0 | 0.5 | 0.000 |
| L. clivicollis abundance | 0.389 | 0.2665 | 0.299 | 0 | 0.5 | 0.000 |
| L. asclepiadis abundance | 1.317 | 0.1255 | 1.280 | 3.062 | **0.0395** | 2.727 |
| Herbivory, before flowering (binary) | 0 | 0.5 | 0.000 | 0.001 | 0.49 | 0.317 |
| Herbivory, before flowering (quantitative) | 0 | 0.5 | 0.000 | 0 | 0.5 | 0.000 |
| Herbivory, after flowering (binary) | 0 | 0.4955 | 0.000 | 7.092 | **0.004** | 1.948 |
| Herbivory, after flowering (quantitative) | 0 | 0.5 | 0.000 | 0.413 | 0.2605 | 2.163 |
| Latex exudation | 4.536 | **0.0165** | 4.045 | 2.033 | 0.077 | 4.748 |
| Weevil damage (binary) | 0 | 0.4995 | 0.000 | 3.501 | **0.0305** | 5.624 |
| Weevil damage (quantitative) | 1.208 | 0.136 | 2.112 | 1.189 | 0.138 | 4.006 |
| Date of first flower | 0 | 0.5 | 0.000 | 0 | 0.5 | 9.564 |
| Date of first follicle | 0 | 0.5 | 0.000 | 47.484 | **<0.001** | 0.000 |
| Flower size | 1.223 | 0.1345 | 7.189 | 0.11 | 0.37 | 4.096 |
| Flowering duration | 0 | 0.5 | 0.000 | 0 | 0.5 | 0.000 |
| Flowering success | 4.855Â | **0.014** | 3.420 | 0.267 | 0.3025 | 1.443 |
| Follicles | 0 | 0.5 | 0.000 | 0 | 0.5 | 0.000 |
| Inflorescences | 3.285 | **0.035** | 7.409 | 0 | 0.4965 | 0.000 |
| Flowers per inflorescence | 0.833 | 0.1805 | 8.369 | 0 | 0.5 | 0.000 |