Sizing up spotted lanternfly nymphs for instar determination and growth allometry

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S3 Appendix. Clustering results

Table S3. Morphometric data for spotted lanternfly nymph mass and body length. The 4th instars were identified by coloration, while 1st, 2nd and 3rd instars were classified using fits of the mass vs length to a 3 component Gaussian mixture model (see Methods in main text for details). (N = number specimens. All values are given as mean ± SD.)

| Life stage | N 2022 | Body length (mm) 2022 | Body mass (mg) 2022 | N 2021 | Body length (mm) 2021 | Body mass (mg) 2021 |
|------------|--------|-----------------------|---------------------|--------|-----------------------|---------------------|
| 1st instar | 49     | 4.32 ± 0.35           | 2.2 ± 1.4           | 54     | 4.24 ± 0.24           | 3.0 ± 1.2           |
| 2nd instar | 88     | 6.73 ± 0.38           | 8.4 ± 4.2           | 30     | 6.67 ± 0.48           | 12.0 ± 5.5          |
| 3rd instar | 49     | 9.50 ± 0.54           | 27.4 ± 10.2         | 61     | 9.30 ± 0.72           | 33.4 ± 12.0         |
| 4th instar | 40     | 12.28 ± .60           | 71.2 ± 15.4         | 49     | 11.74 ± .75           | 59.2 ± 13.0         |