

3. Die arion-Raupen können jedoch nicht von den Ameisen gefüttert werden, sondern nur von dem vegetabilischen Abfall (?) etc. im Neste leben.
4. Warum ist es so schwierig, die arion-Raupen zu finden? Die Falter sind im nördlichen Cornwallis so zahlreich, dass man annehmen muss, auch die Raupen seien häufig. Nach Frohawk's Darstellung soll es aber nicht der Fall sein. Besitzt die arion-Raupe etwa eine besondere Fähigkeit, sich zu verbergen?

3. X. 1906.

Notes on Silk-producing Bombyces.

North American Species.

Telea polyphemus. — The moths of this species emerged in 1903, from the 23rd of May to the 25th of June; in 1904 they emerged from the 18th of May, more than a month earlier, in consequence of the unusually warm weather we have had this season. However in 1903, three pairings of *polyphemus* were obtained, and the rearing of the worms was very successful in the open air on small oak trees in my garden; in 1904 on the contrary, no pairings could be obtained. This species, as it has been previously stated, pairing with the greatest difficulty in captivity. The cocoons received this year were for the most part very small, and the result, owing to these two causes, was a total failure. A fact came to my notice, which, I think, deserves to be recorded; a cocoon of the rearing of 1903, which had been overlooked and left all the winter, spring and summer, in the garden, produced a male moth, which emerged on the 4th August, forty-six days after the emergence of the last American *polyphemus*, in the same year 1904, warm as the season had been. This fact tends to show that if the cocoons were left in the open air, it would be impossible to rear the species so late in the season, and, therefore, that it could not be acclimatised in England, even under the most favourable conditions.

Actias luna. — With a very large quantity of cocoons, only one pairing was obtained, which was on the early morning of the 14th of June. Most of the eggs from that single pairing were bad, and the larvæ which hatched on the 1st July died within a few days. The cocoons which had been sent to me were very small, and had the appearance of being the product of worms carelessly bred and perhaps

kept short of good fresh foliage. The moths emerged from the 27th of April to the 13th of June. On the 1st of August I received twenty-three fine *luna* cocoons, of the second brood, from Brooklyn; thirteen moths had emerged during the voyage, and two of the cocoons had died. From the eight remaining cocoons, excepting one, all the moths were large and fine, and three pairings were obtained, one male having paired twice, a very different result from the one I had with the first cocoons sent. The moths began to emerge on the 1st of August, the same day the box of cocoons had arrived, and they continued to emerge up to the 6th of the same month. The first pairing took place on the 3rd, the second on the 5th, and the third on the 7th August. The first larvæ hatched on the 13th and 14th of August, they commenced spinning their cocoons from the 28th of September and continued till the 18th of October, when they all were in cocoons. The larvæ bred in captivity in the house, thrived remarkably well on walnut leaves, and there was no case of fatality. The cocoons obtained are very fine, and much larger than the first I had received from America.

to be continued.

Briefkasten der Redaktion.

Herrn W. N. in Z. Es sind natürlich keine Prospekte mehr da.

Herrn F. W. in P. Nachricht unterwegs; warten Sie noch mehrere Tage.

Herrn A. G. in B. Es ist nicht nötig, sich Setzlinge von *P. maritima* kommen zu lassen: die Raupen fressen auch *P. sylvestris*, sogar in Spanien selbst.

Anzeigen.

Von der Reise zurück erbitte jetzt Tausch- und Bar-Offerten.

Max Bartel, Oranienburg b. Berlin, Waldstr. 54.

Ankauf, Verkauf und Tausch von palaearktischen und exotischen Coleopteren und Lepidopteren. *Megasoma elephas*, *Goliathus giganteus*, v. 4 *maculata*, *Theodosia westwoodi*, *Chalcosoma atlas*, *Chrysina macropus*, *Euchroma goliath*, *Eudicella grallei*, *Nepitunides polychrous*, *Sternonera boucardi*, *escholtzi*, *funebis* etc., Riesenskorpione, grosse Spinnen, Vogelspinnen etc. Auswahlsendungen bereitwilligst. Verzeichnis über verkäufliche entomologische Literatur gratis und franco.

Heinrich E. M. Schulz, Hamburg 22,
Wohldorferstrasse 10.

ZOBODAT - www.zobodat.at

Zoologisch-Botanische Datenbank/Zoological-Botanical Database

Digitale Literatur/Digital Literature

Zeitschrift/Journal: [Societas entomologica](#)

Jahr/Year: 1906

Band/Volume: [21](#)

Autor(en)/Author(s): Anonymus

Artikel/Article: [Notes on Silk-producing Bombyces. North American Species.
107](#)