

* <i>Cryptalus pullus</i> , Zimm.	* <i>Micracis suturalis</i> , Lec.
* <i>puberulus</i> , Lec.	* <i>aculeatus</i> , Lec.
* <i>Xyloterus retusus</i> , Lec.	* <i>Chramesus hicoloris</i> , Lec.
<i>politus</i> , Say.	* <i>Phlorotribus limnaris</i> , Harr.
* <i>Xyleborus pyri</i> , Harr.	<i>Hylesinus aculeatus</i> , Say.
* <i>pubescens</i> , Zimm.	* <i>opaculus</i> , Lec.
* <i>sparsus</i> , Lec.	<i>dentatus</i> , Say.
* <i>plagiatus</i> , Lec.	<i>Dendroctonus terebrans</i> , Lec.
* <i>cælatus</i> , Eich.	* <i>simplex</i> , Lec.
<i>Tomicus calligraphus</i> , Germ.	* <i>Hylastes porculus</i> , Er.
* <i>caecographus</i> , Lec.	<i>pinifex</i> , Fitch.
<i>pini</i> , Say.	

MISCELLANEOUS NOTES.

REARING BUTTERFLIES FROM THE EGG.—In the last number of the *Canadian Entomologist* I mentioned that I had succeeded in inducing females of *P. ajax* to deposit eggs, by enclosing them in a keg placed over the growing food-plant—the paw-paw. The first female enclosed on May 16th laid a number of eggs, and another female was enclosed in the same keg on the 17th. I was obliged to leave home for some days, and returned on June 1st, when I found but six larvæ in the keg. These had hatched and attained a length of three-fourths of an inch within sixteen days. On the 5th of June the larvæ were mature and had stopped feeding; the whole time from the laying of the eggs being but three weeks. On the 20th one ♂ *Marcellus* emerged; on the 21st a ♀ *Marcellus*, and by the 23rd four others emerged, all *Marcellus*.

On the 1st of June I put three ♀ *Ajax* into another keg; by the 2nd 37 eggs were deposited. These began to hatch on the 6th. From this lot I obtained 24 chrysalids, which began to give imagoes by 3rd of July. From them I obtained 12 ♂ and 10 ♀, all *Marcellus*.

On June 7th I shut up a ♀ *Marcellus*, the first I had noticed flying this year. By the 23rd I had five larvæ from this lot. The imagoes began to appear on the 4th of July, and gave three ♀ and one ♂, all *Marcellus*, not distinguishable from those produced from the eggs of *Ajax* as above.

So that the question of the identity of *Ajax* and *Marcellus* may be regarded as settled.

I have had no difficulty, by some means, in inducing other species to deposit eggs. On a young tulip tree I placed two black females of *Turnus* (*Glaucus*), and have now several larvæ growing as the result. I have also raised two broods of *C. Philodice*, and the *Nisoniades lycidas*, and *N. pylades*, Scudder.