

17. Joint 5 longer than 6. . . . *cynosbati*, *roseæ*, *aurantiacum*, *quercifex*,  
     . [ *fraxini*.  
     5 and 6 equal, or 6 longer. . . . *armeniaceum* (Calif. and Kans.), *coryli*  
     [ of King and Reh, *Lymani*, *persicæ*? (Canada, under  
     [ glass, and from Dr. Reh, cf. King, *pruinorum*,  
     [ *quercitrionis* (Ariz. and Calif.), *vini* of King and  
     [ Reh, *robiniae*? (Tempe, Ariz., on osage-orange),  
     [ *quercifex* (of Signoret), *takachihoi* (Japan), *Cana-*  
     [ *dense* (Maine, on elm), sp. on tulip tree, R. I.
18. Joint 3 conspicuously longest, 5 conspicuously shorter than 4 or 6,  
     7 shortest of all; 8, 5 and 2 about the same length. . . *magnoliarum*.  
     3 longest, but not long, 5 and 8 about equal, and not much shorter  
     than 3. 4 conspicuously shorter than 3 or 5. . . . *prunastri* (France).  
     3 and 4 subequal, or sometimes 3, sometimes 4, a little the longer. . . 19.  
     4 longest, much longer than 3, 3 and 5 about equal. . . . *hortensiae*.  
     3 longest, and rather long, 4 conspicuously longer than 5; 5 being  
     conspicuously shorter than 4, but a little longer than 6. . . . 20.  
     3 longest, 4 and 5 equal or subequal. . . . 21.
19. 5, 6 and 7 shortest, and equal or  
     almost. . . . *subsimile* (Chihuahua) and *berberidis*.  
     6 and 7 shortest and equal, but 5 conspicuously longer. . . *hortensiae*.  
     20. 8 short, shorter than 4, 7 a little shorter than 6. . . . *quercifex*.  
     8 longer, longer than 4, 7 a little longer  
     than 6. . . . *persicæ*? (Canada, on peach under glass, cf. King).  
     21. 3 very long, much longer than any other joint. . . . 22.  
     3 not very long, usually quite short; 4 shorter  
     than 5. . . . *Cockerelli*, *rosarum* of King and Reh, *Marchali*.
22. Joints 4, 5, 6, about equal. . . . *rufulum*.  
     5 longer than 4 or 6. . . . *Cockerelli*.

The occurrence of the same species in several different places in the above table shows the great variability of the antennæ of these insects; yet I do not believe for a moment that this variability is indiscriminate, or that the antennæ are useless for purposes of identification. They must, however, be used cautiously in this genus, and in conjunction with other characters.

I do not expect to pay much more attention to this genus myself; for Mr. J. A. Sanders, with much better opportunities than I possess, is about to begin an investigation of it; and he will undoubtedly make many things clear which have been obscure.