

27. *S. tulipæ*, Monell.
28. "*crataegi*, Monell.
29. "*sonchi*, Linn. Syn. *sonchella*, Monell.
30. "*calendulæ*, Monell.
31. "*tiliæ*, Monell.
32. "*liriodendri*, Monell.
33. "*prunicola*, Ashmead, Pacific Rural Press, 1881.
33. "*citrijolii*, Ashmead, Orange Insects. p. 65, 1880.

#### DIMORPHISM AMONG THE SIPHONOPHORA.

For many years dimorphism, viviparousness and parthenogenesis among insects have attracted universal attention. Not only from the fact of the rarity of their occurrence, when we take into consideration the countless insect hosts of varied forms, sizes and colors that constitute what may be termed the insect world ; but to the biologist, the naturalist and the philosopher, they are of the most profound and absorbing interest as bearing upon some of the great unsolved questions of the day. A careful study of the economy of any one of the billions of animated forms that exist around us, will certainly unfold some hidden truth, give a glimpse, or reveal some knowledge of that mysterious, omnipotent and almost unknowable force pervading the universe. And will not facts derived from these studies enable mind—the supreme, the attainable—to grasp truths unattainable without them ? Since Darwin's wonderful revelations in regard to earthworms, I have had the profoundest respect for them ; and as I pass on my way to my business in the early morning and turn up with my foot their dwellings, disclosing their tortuous night work, I feel like bowing to them and saying : Oh, wonderful earthworm ! You, too, are worthy of respect and admiration ; for hast thou not during countless cycles of ages been helping to build up and beautify the universe and render it a fit habitation for man !

The subject under consideration has had the closest attention from some of the more thoughtful students of Entomology in this country, as well as in Europe. America may well feel proud of her investigators in this particular field of research, among whom may be mentioned Benj. D. Walsh, discoverer of dimorphism among the Cynipidæ ; H. F. Bassett, who so ably continues the studies and adds to the discoveries respecting the habits of this family, since Walsh's death. We younger Entomologists may well imitate the example of W. H. Edwards, whose very thorough