

SIREX.—This genus is well known by the large size of the few species that have been discovered and by its especial habitation in the North. I have mentioned elsewhere its occurrence in Eastern Siberia, which may have been the earlier habitation of the European species, and wherein some of the North American species also dwell, such as *S. gigas*, *S. albicornis*, *S. juveneus*, *S. spectrum* and *S. flavicornis*. *S. juveneus* has appeared as far south as Algeria, and *S. cedrorum* is contemporaneous with the cedars on Mt. Lebanon. *S. varipes* and *S. dimidiatus* inhabit North America, and there are three apparently undescribed species from that region and one of small size from Mexico. There are two in North Hindostan and one in Australia, and three or four whose native country is unknown to me. It does not appear that distance in space between two species is accompanied by corresponding difference in character, for the Australian species is very nearly allied to *S. juveneus*. In the neighbouring genus, *Tremex*, the European *T. juxicornis* is represented in North America by *T. columba*, and there are three undescribed species, one of North America, one of Hindostan, and one of China.

NOTES ON COLLECTING.

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Last season, while in the Catskill Mountains, I made some experiments in sugaring for moths, which may be interesting to collectors.

The sugaring mixture employed was "molasses sugar" and water, in the proportion of three or four pounds to the gallon; I could not perceive that other additions, such as alcohol or preserved fruit, &c., were of any advantage.

About twenty trees in an orchard were sugared, but very few moths were seen for the first night or two, though as afterwards they came in immense numbers, it would seem that a little time is required for the news to spread.

Having found a cyanide poison-bottle to be very useful in killing small Diurnals, and noticing the almost universal habit of these moths, when disturbed, of darting downward before flying away, it occurred to me to make a poison-bottle on a large scale and to dispense with a net, always so inconvenient to use at night.