

Hagen. The Sphinges proper (there is no *Smerinthus* mentioned) all frequent flowers. My friend, Mr. Hibbins, has taken in this locality (Montreal), at a cluster of lilac bushes, during one evening's twilight, examples of *Deilephila chamænerii*, *Sphinx chersis*, *Sph. drupiferarum* and *Sph. kalmia*. Mr. J. A. Lintner, speaking of the Noctuid *Cucullia intermedia*, says he has observed them at lilac blossoms associated with *Deilephila chamænerii*, *Amphion nesusus*, *Thyreus Abbottii* and *Sesia thysbe*. Many other instances might be cited, but the fact is well known to all collectors that numbers of the Sphingidæ are constantly meeting while in search of food. This is also the case with the Zyganians, at least with the species mentioned by Dr. Hagen, as they not only frequent flowers but actually sleep on them. Edward Newman, in his Natural History of British Moths, says of *Zygæna minos*: "In some favored spots every daisy will have its tenant, and as many as eight or nine are sometimes seen clustered on a single flower of the dandelion." Of course the same rule applies to the Diurnals; I have myself taken in one afternoon, between the hours of two and four, at a patch of wild asters, examples of *Grapta comma* (both forms), *G. faunus*, *G. progne*, *Pyrameis cardui*, *P. huntera* and *P. atalanta*, and once took *faunus*, *comma* and *cardui* with one sweep of the net, so closely were they associated.

With the Saturnidæ, however, the direct opposite is the case; not taking food, they do not visit flowers, being solely occupied in providing for the continuance of their species, the female waiting for the attendance of the male.

Mr. L. Trouvelot, who has bred thousands of *Telea polyphemus*, gives a very full account of its habits in Vol. 1, *American Naturalist*. Speaking of the freshly emèrged insect, he says: "The moth remains quiet all day and sometimes all night, and the following day, if the night be cold; but if it be warm and pleasant, at dusk, or about eight o'clock, a trembling of the wings is observed, and then it takes its flight, making three or four circles in the air. The male flies only a few minutes, and then rests for two or three hours in the same place. The female continues to fly about the bushes, and though a virgin, she lays eggs, which are, however, of no use for the propagation of the species; she continues doing so for two or three hours, and then rests all night attached to some plant, probably waiting for her mate. Soon after the female has laid these useless eggs the males become very active and fly in search of the female, whom they soon discover, especially if there is a slight breeze and the air is loaded with vapors."