que cornu elevato, apice subtrilobo, subtus excavato, piloso ;
corpore subtus sparsim subpiloso, pedibus nigricantibus.

Habitat in Insulâ Sancti Vincentii.

In Museo Dom. Hope.

Obs.—This insect was first sent to England by the late Rev. Lansdown Guilding, whose unwearied researches in every branch of zoology, I regret to state, have not as yet been sufficiently estimated by his countrymen.

IX. Observations and Experiments for excluding the House and other Flies from Apartments, by means of Nets. By the REV. E. STANLEY, now Lord Bishop of Norwich. Communicated by COLONEL SYKES.

[Read April 4, 1836.]

IN a paper read on April 7, 1834, at a meeting of the Entomological Society, by William Spence, Esq., on the Italian mode of excluding the house-fly, some doubts seemed to be entertained as to the correctness of the facts, and the attention of observers was requested to so singular a discovery. In the course of the last summer I accordingly had some nets prepared of different coloured worsteds, red, yellow, &c., the size of the meshes varying from $\frac{3}{4}$ to one inch on the side of the square. These were stretched over the two windows of the room in which I constantly sat in the morning, much exposed to the troublesome intrusion of flies, particularly that most annoying species, the blue-bottle (*Musca vomitoria*), attracted to the spot by a trellis covered with the sweet-scented clematis, honey-suckles, and other flowering plants. So great indeed was the annoyance occasioned by the numbers buzzing about the room, that on the hottest days I was obliged to forego the luxury of admitting the air, by even partially raising the sashes. But no sooner had I set my nets, than I was relieved from my disagreeable visitors. I could perceive and hear them hovering on the other side of my barriers ; but though they now and then settled on the meshes, I do not recollect a single instance of one venturing to cross the boundary. To convince myself that this disinclination on their part was not accidental, depending on the state of the air or mere caprice, I repeatedly withdrew one of the

nets or opened a door communicating with an adjoining room having a similar aspect, when in the course of a few minutes three or four would enter, and singularly enough I found some difficulty in driving them out, as almost invariably they flew with violence against the upper panes, cautiously avoiding the net-work below, through which, had the free current of air been their guide, they might easily have escaped. Encouraged by this first attempt, I prepared a net of very fine pack-thread, with enlarged meshes of $1\frac{1}{4}$ inch to the square, and to my great satisfaction found that it answered the purpose as effectually as the smaller worked coloured worsted nets. So fine and comparatively invisible was the pack-thread net, that there was no apparent diminution of either light or the distant view, and for the remainder of the summer and autumn I was enabled to enjoy the fresh air with open windows without fear of the annoyance I had heretofore experienced. I should also add that, though wasps occasionally came through, the number was very much diminished. I attribute this valuable effect of net-work to the highly magnifying power of the organ of vision, added to the small focal length of the lens of the eye; in consequence of which, the enlargement of each thread in their rapid flight presents a succession of obstacles not discernible in the solid obstruction of the panes of clear glass, against which they strike with the full force of accelerated motion when endeavouring to avoid the attempts of those who would catch them.

X. *Observations on Succinic Insects.* By the Rev. F. W. Hope, M. A., F. R. S., &c.

PART THE SECOND.

GUMS AND RESINS.

[Read April 7, 1834.]

IN commerce the term gum is indiscriminately applied to resins as well as to gums, and we not unfrequently meet with the following improper appellations, *Gum Copal*, *Gum Animè*, both of which are resins. It is true, indeed, that these substances have some properties in common which are not at first sight readily perceived;