

(to use the language of the Canon referred to) by Mr. Grote and Dr. Lintner. Therefore, I cannot understand how Guenée's name can be consistently applied to Dr. Lintner's *tricosa*, and it is not in accordance with the rule of nomenclature just cited. The fact that the form which agrees with the main part of Guenée's description and with his figure may or may not be a synonym of *subgothica*, Haw., does not affect the case in any way. I believe Mr. Grote is right in his protest (CAN. ENT., XXIII., 151) against the resuscitation of *jaculifera* at the expense of *tricosa*.

As has been stated, Prof. Smith's synonymy is founded principally on the statement of Mr. Butler that "*tricosa*, Lint., is typical *jaculifera*; *herilis* is a poor variety." The antennal differences between *herilis* and *tricosa*, pointed out by Prof. Smith, show that Mr. Butler did not study the species very carefully. The other point has been discussed by Mr. Grote as follows: "Guenée happens to figure typical *jaculifera* and he figures typical *subgothica*! Prof. Smith does not quote Guenée's illustration, which contradicts both Butler's statement and his own course. Guenée's types of '*jaculifera*,' or so-called 'types,' were several in number at least, as he included two other species as varieties. One of these so-called types Mr. Butler may have, and this may be a *tricosa*, Guenée's var. A. Guenée made three mistakes as to his material: First he described and figured *subgothica* as *jaculifera*; then he described specimens belonging to two different species, *tricosa* and *herilis*, as varieties of *jaculifera*. Under no circumstances can Butler's statement be correct (CAN. ENT. XXIII., 151)." The enlarged figures (twice natural size) of a front and hind wing of each of the three species just discussed show some of their differences and will aid in their determination. I believe the above evidence warrants the following synonymy for these much-discussed forms:

*subgothica*, Haw.

*jaculifera*, Gn. (type and figure).

*tricosa*, Lint.

*jaculifera*, var. A, Gn.

*herilis*, Grote.

*jaculifera*, var. B, Gn.,

or the same as that given by Dr. Lintner in det. in 1874 (Ent. Cont., III., 161), and accepted by Mr. Grote until recently.

Shall it be *Agrotis*, *Feltia*, or *Agronoma subgothica*, Haw.? Apparently Mr. Grote and some other systematists are not yet ready to