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NOTES ON CERTAIN SPECIES OF GRAPTOLITHA.

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In 1868 Grote & Robinson, in Trans. Amer. Ent. Soc., I, used the generic title *Xylina* Ochs. in describing *Bethunei* and *capax*, Guenée and Walker having previously used the same term, but in 1875 Grote in his check list adopted instead the name *Lithophane* Hubn., which he continued to use, but Dr. J. B. Smith in his check list of 1891 reverted to the name *Xylina*, and in his catalogue of 1893 wrote: "I use this name in preference to *Lithophane* because both are catalogue names and *Xylina* has priority." Dr. Dyar used the same name in his catalogue, but Sir George Hampson has adopted the name *Grapholitha* from Hubner's Verzeichniss, which he dates 1827, the year following Hubner's death.

In my paper on Entomological Errors, published in the last Annual Report of the Society, I said the origin of these errors could in most cases only be surmised, but I have no doubt that a large proportion of them arose from entomologists naming specimens from memory, as such a practice in closely allied forms is certain to cause errors.

In 1874 Grote described *Lithophane petulca* in the 6th Annual Report of the Peabody Academy of Sciences of Salem, Mass., and also gave a description of *signosa* Walk., but in his paper on *Lithophane* in the Bulletin of the United States Geological and Geographical Survey, Vol. V, No. 2, 1879, he wrote: "In my own visit to the British Museum in 1867, I had no North American *Xylinas* to compare," and he was therefore compelled to trust entirely to his memory. In Smith's catalogue of *Noctuide* of 1893, that author wrote:

"*X. signosa* Wlk.
petulca Grt.

"The types are both in the British Museum, and refer to the same species. Mr. Grote has misidentified Walker's species, the *signosa* Grote remaining unnamed."

"*X. innominata* non nov.
signosa † Grote.