NOTES ON THE SYNONYMY OF BRADYSIA TRITICI (COQUILLET) AND LYCORIELLA MALI (FITCH) (Diptera: Sciaridae)

The following notes are based on a study of North American Sciariidae involving a generic revision of the family. Since both Bradysia tritici (Coquillett) and Lycoriella mali (Fitch) are of some economic importance and are being studied cytogenetically, it is desirable to publish the valid names now. I have studied the sciariid types involved, except the cotYPE material of Sciara paucisetA Felt, and am designating a lectotype for Lycoriella mali.

Bradysia tritici (Coquillett), n. comb.


Sciara tritici Coquillett, 1895, Ins. Life 7 (5): 408 (holotype ♂ in USNM coll.)


Neosciara tritici (Coquillett): Petrey, 1918, Ann. Ent. Soc. Amer. 11: 322


Bradysia ocellaris (Comstock): Tuomikoski, 1960, Ann. Zool. Soc. ‘Vanamo’ 21 (4): 133. (Tuomikoski indicated that tritici was possibly synonymous with ocellaris and discussed Old World synonymy of this species).

Lycoriella mali (Fitch), n. comb.

Molobrus mali Fitch, 1856, First and second reports noxious, beneficial and other insects N. Y., p. 254. (lectotype ♂, labelled “Fitch”, by present desig., in USNM coll.).


Sciara paucisetA Felt, 1898, In Lintr. N. Y. State Mus. Report 50(1): 224. (cotYPE ♂ in N. Y. State Museum, Albany; cotYPE ♂ in USNM coll.). New Synonymy. I have not seen the cotYPE material at Albany, but examination of the cotYPE material at the USNM and Felt’s good description justifies this action.


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