

ORCHELIMUM GLADIATOR, Bruner.

Orchelimum gladiator, Brun., CAN. ENT., XXIII., 71.

" " Blatchley, Proc. Ind. Acad. Sci., 1893.*

Nebraska, "On the flowers of a prairie golden-rod (*Solidago rigida*, L.), at West Point," Bruner; Indiana, "From the borders of a tamarack swamp," Blatchley.

ORCHELIMUM MINOR, Bruner.

Orchelimum minor, Bruner, CAN. ENT., XXIII., 72, Apr., 1891.

Apparently a rare species, known only from the District of Columbia. It is unknown to me and has not been recognized since it was named.

ORCHELIMUM VULGARE, Harr.

Orchelimum vulgare, Harr., Ins. Inj. to Veg., p. 162, fig. 77, 1862.

" " Scudd., Mat. for Mon., 452, 1862.

Xiphidium agile, Red., Mon. der Con., 186, fig. 80, 1891.

It is very probable that many of the references to this insect are mistaken. It seems to range over the northern United States from the Pacific to the Atlantic, and northward for an unknown distance into British America. It is found as far south as Arkansas and Maryland.

ORCHELIMUM GRACILE, Harr.

Orchelimum gracile, Harr., Ins. Inj. to Veg., 1862, p. 163, fig. 78.

" " Brun., Ent. News, III., Dec. 1892, 264.

Not *Xiphidium fasciatum*, Scudd., Mat. for a Mon., 1862, 451.

According to Bruner, Scudder was mistaken in referring *O. gracile* to *X. fasciatum*. Massachusetts, Harris; New Jersey, Bruner.

ORCHELIMUM ROBUSTUM, Red.

Xiphidium robustum, Red., Mon. Con., 185, 1891 New Orleans, Redtenbocher.

ORCHELIMUM CAMPESTRE, Blatchley.

Orchelimum campestre, Blatch., Proc. Ind. Acad. Sci., 133, 1893.

Reported from Vigo and Fulton Counties, "In upland prairie meadows, where it frequents the tall grasses, usually in company with *Xiphidium strictum*, Scudd."

ORCHELIMUM GLABERRIMUM, Burm.

Xiphidium glaberrimum, Burm., Hand., II., 3, 707, 1839.

*The title page of the author's reprint bears the date 1892, but it is evident that this paper was not printed until 1893 or later, as some of the synonymy given bears the date 1893. (See page 135.)