

arcuate fiddle-bow of the male tegmina. Though found by Mr. Morse at numerous localities it was nowhere taken by him with any of the others.

Gryllus assimilis.

Acheta assimilis Fabr., Syst. ent., 280 (1775).

Gryllus (Acheta) assimilis Goetze, Ent. beytr., ii, 87 (1778).

Gryllus assimilis Oliv., Encycl. méth., vi, 634 (1791).

Both long-winged and short-winged

forms occur. It was taken by Mr. Morse in California only, at Raymond, Aug. 16, South Santa Monica, July 30, and Palm Springs, July 13.

It differs from the others at first glance by its general testaceous coloring, and differs also in the straight oblique cut of the lower margin of the lateral lobes of the pronotum and the greater length of the upper inner calcar of the hind tibiae. The only United States specimens which I have seen are from California.

SOME NEW RECORDS OF THE NEW ENGLAND FORMICIDAE.

BY GEO. B. KING, LAWRENCE, MASS.

So little is known of the geographical distribution, and in fact the existence of our ants, even in a general way, that it seems very important to record any information bearing upon any new localities for the various known species. And any fact treating upon their peculiar habits is always interesting. Dr. George Dimmock collecting in Springfield, Mass., and vicinity for *Coleoptera* larvae in a quiet way as opportunity would permit, sent me such ants as he found from time to time. The following notes, therefore for the most part, are the results of his labors. Where no further locality is given, Springfield should be understood.

Camponotus laevigatus Em.

" *castaneus* Latr. subsp. *americanus* Mayr. (Mt. Tom, Mass.).

Camponotus herculeanus L.

Camponotus herculeanus L. var. *pictus* For. (Mt. Tom, Mass.).

Camponotus herculeanus pennsylvanicus De Geer.

Camponotus marginatus var. *nearcticus* Em.

Formica sanguinea Latr. subsp. *rubicunda* Em. (Springfield and Holyoke, Mass.).

Formica rufa L. var. *obscuripes* For. (Mt. Tom, Mass.).

Formica rufa subsp. *integra* Nyl.

" *exsectoides* For. (Mt. Tom, Mass.).

Formica pallide-fulva Latr. (Mt. Tom, Mass.).

Formica pallide-fulva, subsp. *schaufussii* Mayr. (Mt. Tom, Mass.).

Formica fusca L. var. *subsericea* Say. (Mt. Tom and Springfield, Mass.).

Lasius niger L. var. *americanus* Em. (Mt. Tom and Springfield, Mass.).

Lasius niger var. *neoniger* Em. (West Springfield, Mass.).

Lasius flavus Mayr. (Mt. Tom, Mass.).

" *claviger* Rog. (Springfield and West Springfield, Mass.).

Prenolepis imparis Say.

Tapinoma sessile Say (Springfield and Mt. Tom, Mass.).

Ponera coarctata, subsp. *pennsylvanica* Buckl. (Mt. Tom, Mass.).

Monomorium pharaonis L. (Springfield, Mass.) Det. Dimmock.

Pheidole pilifera Rog. var. (West Springfield, Mass.). Taken by Mr. Fred Knab.

Aphaenogaster tennesseensis Mayr. (Mt. Tom, Mass.).

Aphaenogaster fulva Rog. (Mt. Tom and Springfield, Mass.).

Tetramorium caespitum L. (Springfield, Mass.) Det. Dimmock.

Cremastogaster lincolata Say. (Springfield, West Springfield, Belchertown and Mt. Tom, Mass.).

The following species Dr. Dimmock has found in Connecticut:—

Formica pallide-fulva subsp. *schaufussii* Mayr.

Formica fusca L. var. *subsericea* Say. (Suffield, Conn.).

Cremastogaster lincolata Say (Suffield, Conn.).

Stigmatomma binodosum Prov. (Suffield, Conn.) Seemingly a very rare species, recorded from Canada. I think this is the first record of its being found in

the U. S. This species and *S. pallifera* Hald. which we find in Mass. are the only two species of the genus found in North America. The genus contains ten species.

The other species previously recorded from Conn. are *Myrmica scabrata* Buckl., *Formica americana* Buckl., *F. gnarva* Buckl., *F. schaufussii* Mayr., *F. subsericea* Say (Hartford), *F. exsectoides* For. (Hartford and Cromwell), *F. rubicunda* Em. (Cromwell) and *Polyergus lucidus* Mayr.

I may also permit myself to record some ants found by me in New Hampshire, while on brief collecting trips. The following were all found at Canobie Lake, N. H.: *Camponotus pennsylvanicus*, *C. pictus*, *Formica exsectoides*, *F. subsericea*, *F. pallide-fulva*, *F. integra*, *F. rubicunda*, *Lasius americanus*, *L. neoniger*, *L. flavus*, *L. claviger*, *Tapinoma sessile*, *Stigmatomma pallipes*, *Solenopsis molesta*, *Aphaenogaster fulva* and *Cremastogaster lincolata*. August of this year while on a brief vacation at West Ossipee, N. H., these species were observed. Near the base of Mount Whittier were *Formica subsericea*, *Aphaenogaster fulva*, *Lasius flavus*, and *Solenopsis molesta*, the latter living at one side of a nest with *Aphaenogaster fulva*. *Lasius americanus* was quite common in the grass fields and along the road sides. Near the top of Ossipee Mountain were a few small nests of *Lasius flavus* and *Formica subsericea*. I had however very little time for observation.