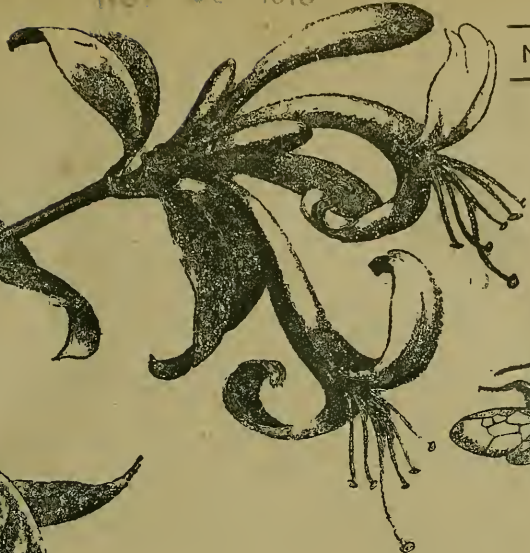
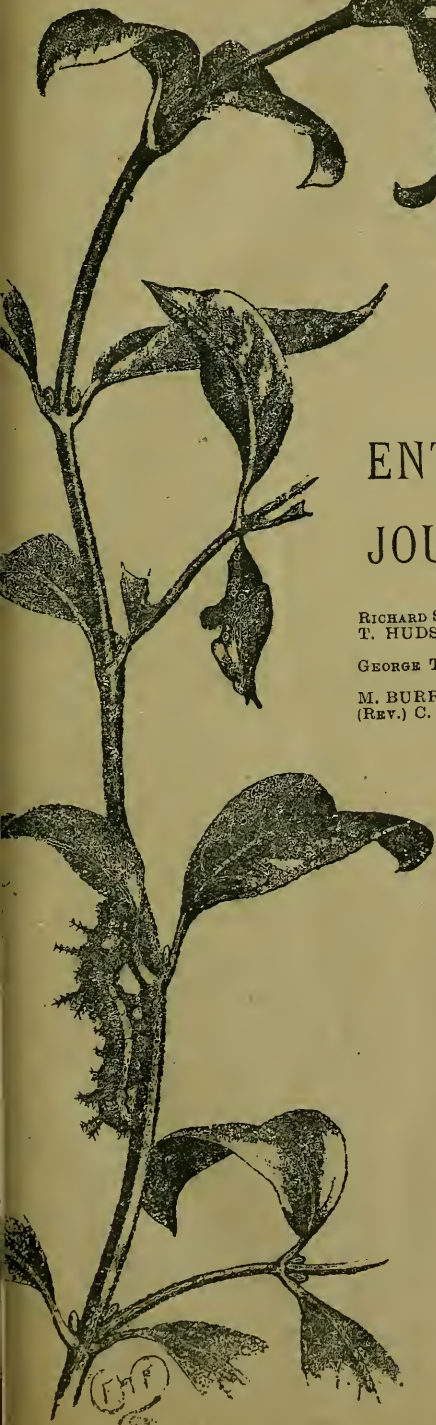


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THE ENTOMOLOGIST'S RECORD AND JOURNAL OF VARIATION

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Both at Guildford and at Bourton-on-the-Water, in the Cotswolds, I saw several pairs of *Zygaena filipendulae* on grass stems, the ♂ always being below the ♀, and tried to induce them to fly, but in vain; failing in this I threw them up into the air, to see which would carry the other when compelled to fly. Owing doubtless to the weight of their bodies they were unable to fly more than enough to guide their descent and prevent themselves from falling; when only thrown a short distance it was invariably the ♂ that spread his wings and guided the descent, but if thrown to a greater height the ♀ also spread her wings and helped to act as a parachute. I tried the experiment a good many times but always with the same result.—GEORGE WHEELER, 37, Gloucester Place, W.1.

VARIATION IN COCCINELLIDAE.—*Epilachna corrupta*, Mulsant, which abounds at Boulder, Colorado, is one of the comparatively few plant-feeding Coccinellids, and is extremely destructive to beans of the genus *Phaseolus*. It is very constant in its elytral markings, with eight spots on each elytron. I have not found the variety *juncta*, Johnson, which has the apical spots confluent. There is, however, at least, in the second generation, a distinct-looking variety with the ground-colour deep brown instead of yellowish, with a distinct metallic coppery lustre on the elytra. It may be called var. *cuprea*, n. var.—T. D. A. COCKERELL, Boulder, Colorado.

NOTES ON COLLECTING, Etc.

LIMENITIS SIBILLA IN SURREY.—Mr. P. A. H. Muschamp, in the July number of the *Record* asks if there are other records of this species for Surrey. Last summer (1917) I was in hospital at Holmwood, near Dorking, and on July 17th I saw a single specimen in the woods between Holmwood and Coldharbour. I have also seen the species in several woods in Sussex.—(Lieut.) HAROLD S. WILLIAMS, Victoria Barracks, Belfast. July 30th, 1918.

SUBSTITUTES FOR NATURAL FOOD OF PYRAMEIS CARDUI, ETC.—I found the larvæ of *Pyrameis cardui* at Cibali, Catania, Sicily, enclosed in webs on thistle leaves. As I could not get thistles often enough, the larvæ were practically reared on lettuce leaves. It is very strange how almost any caterpillar will eat lettuce when one cannot get their proper food. I had about six of these larvæ in a box, and on one occasion when they were short of food I found that they started eating one another. In my garden—where I grow vegetables and flowers—I have left a fennel plant to go to seed (the root is eaten here as we do celery in England). On it the other day I found the larva of *Papilio machaon*.—PERCY SKETCHLEY, Catania, Sicily.

A GYNANDROMOPH OF AGRIADES CORIDON.—On August 3rd last, whilst collecting with my wife on the downs in the Blandford district, I had the good fortune to take a perfectly halved gynandromorphous *Agriades coridon*, the left wings being male, and slightly smaller, and the right side female. The colouring of the body and head on each side follows the wing. The insect is in perfect condition and was apparently in its first flight.

Tutt, in his *British Lepidoptera*, records three similar specimens,