vard, Orange, Lake and Hernando Counties. (This is further north, particularly on the West Coast, than the botanists usually draw the dividing line—Ed.)

Representative of these southern forms would be Plectoptera poeyi, a Cuban form taken at Key West; Anaxipha imitator (Cuba); Orocharis gryllodes (W. I.), Tafalisca lurida (W. I.).

Among the problems that need attention are: the relation of Florida forms or races to those outside the state, (Mr. Walker mentioned particularly Brachypterus melanopli and Pterophylla camellifolia in this connection) and the geographical and ecological distribution within the state, a practically untouched field.

The speaker mentioned as particular regions that need attention the northern tier of counties, the Apalachicola region where many relics are found among the plants, the coastal islands, the tropical hammocks and the mangrove swamps. As an example of the result to be expected from working unpromising and little studied habitats he mentioned the following rare forms found during a brief investigation of a mangrove swamp: Euborellia ambiguca, Hygronomobius alleni, Anaxipha scia.

The thick tropical hammocks have already yielded Phrixu maya, a Yucutan species; Turpilia rostrata; Oligacanthus prograptus, known only from south Florida; Anaxipha imitator; Orocharis gryllodes and Tafalisca lurida.

ON A COLLECTION OF THYSANOPTERA
FROM HONDURAS
J. R. WATSON AND T. H. HUBBELL

The following is a report on a collection of thrips taken by the junior author along the Tela and Truxillo divisions of the United Fruit Company’s railroad at Honduras during March, April and May 1923. All data on distribution and food plants are from his field notes. The insects were determined by the senior author. Two of the seven species (Sedulothrips hubbelli and Liothrips perseae) were new and have been described elsewhere (Bull. 168, Fla. Agric. Exp. Station).

Heliothrips haemorrhoidalis (Bouche). The greenhouse Thrips.
Selenothrips rubrocingtus (Giard). The red-banded Thrips.
On cocoa plants. Tela Division, Colorado District, Aguas Calientes Farm. Not found on Dakota Farm.
A common and destructive pest of cocoa, avocado, and many other plants in the West Indies, S. Fla., Ceylon, H. I., Uganda. Franklinthrips vespiformis (Crawford).

On cocoa plants infested with Selenothrips on which it was doubtless feeding.

Sedulothrips hubbelli Wats.

Tela Division, Guamas District. May 2, 3, 10. On branches of a strangling fig tree immediately after it was felled and on bark and log of one felled two weeks previously. Very rapid runners which take refuge in cracks when disturbed.

Liothrips zeteki Hood.

Swept from low bushes and dry herbs at the base of a limestone cliff. Truxillo (Puerto Castilla) Division, Piedra Blanca Farm. April 9.

Described from Panama and not reported since.

Liothrips perseae Wats.

Abundant on young avocado tree, in the bud scales and between very young developing leaves, for the most part on the terminal shoots. Both adults and nymphs present. Puerto Arturo, about 5 kilometers inland from Tela. Mar. 13, 15, April 4.

Leptothrips mali (Fitch).

On a mimosa-like shrub in ditch along railroad at Puerto Arturo. A common predaceous thrips found over most of North America from Panama to B. C. and Mass.

Symphothrips punctatus Hood and Williams.

March 15. Described from Orlando, Florida, and since reported from Miami and Cuba. The senior author has it from Panama (collected from under the cap scales of cocoanuts by Geo. B. Merrill of the Fla. State Plant Board) and Ala. (collected from a satsuma tree by H. P. Loding in Mobile Co.).

Dicaelothrips brevicornis (Bagnall).

A nymph was beaten from the lower branches of a sour sop tree at Puerto Arturo on March 13; several adults on April 4. Found on clothing while passing thru a Guinea Grass pasture, Progresso Mar. 23 (W. C. Bonacker, Coll.). Sweeping the air from a motor car on the railroad between Maloa Farm and Taujica Farm. On foliage of cacao; not common at this season altho Mr. Davis stated that it is the common form at some seasons, Colorado District, Dakota Farm. Swept from the luxuriant growth of grasses and vines in the ditch at the side of the railroad thru the bananas, Dokota Farm, May 25.
Previously reported only from Trinidad and St. Vincent, W. I.
*Elaphrothrips longiceps* (Bagnall).
On avocado trees. Found among the bud and scales and between the young developing leaves, for the most part on the terminal shoots. Both adults and nymphs present. Puerto Arturo Farm, Mar. 13.
Reported from Mexico and Nicaragua.

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