

**A NEW Species of Symphyothrips (Thysanoptera) from
Argentina**

J. R. WATSON

Symphyothrips reticulatus sp. nov.

Whole body including legs uniform chestnut brown; only tarsi and antennal segment 4 a little lighter brown, and antennal segment 3 yellowish brown.

Head about .2 longer than broad. Cheeks straight, converging only slightly posteriorly. Dorsum with anastomosing reticulations forming a network. *Eyes* rather small, dorsal length considerably less than a third of the head; non-protruding; facets large. *Ocelli* large, yellowish, bordered by dark crescents; posterior pair situated opposite the middle of the eyes; anterior directed forward. Post-ocular bristles conspicuous, considerably longer than the eyes, widely dilated at the tip, colorless. A small bristle behind each posterior ocellus, a pair in front of the anterior ocellus, and one at the anterior angle of each eye, and an irregular row of eight across the middle of the dorsum.

Mouth cone large, reaching the mesosternum. Antennae somewhat less than twice as long as the head. Segments 1, 2, and 5-7 concolorous with the head, 3 yellow with apex almost colorless, 4 yellowish brown. 1 cylindrical, considerably wider at the base than at the apex; 2 urn-shaped with a broad pedicel; 3 clavate, 2.6 times as long as broad, scarcely pedicellate; 4-6 barrel-shaped, with a long broad pedicel; 7 spindle-form. Spines and sense cones colorless. Sense cones on segment 4 especially heavy.

Prothorax considerably shorter than the head and, including the coxae, about twice as wide as long. A heavy, colorless spine with a dilated tip on each angle; those on the posterior angles less than half as long as the prothorax (71 microns); the ones on the anterior angles and coxae a little shorter. A pair of conspicuous ones along each lateral margin. Dorsum with a number of smaller bristles; the surface covered with faint anastomosing lines which are more conspicuous along the anterior margin.

Fore femora short and considerably thickened (about half as wide as long). Fore tibiae also short, about five ninths as long as the femora, a short thick tooth on the inside of the apex. Fore tarsus with a heavy,

AXFIXO

Trade Mark Reg. U. S. Pat. Off.

(A Superior Nicotine Dust)

For Dusting Against

APHIS AND CUCUMBER BEETLE

SOLD BY ALL THE BETTER DEALERS.

Manufactured By
Chemical Division

HIGHTSTOWN HARDWARE COMPANY

slightly curved spine. Middle and hind legs rather slender. Pterothorax a little wider than prothorax, sides slightly convex.

Abdomen rather short and thick, abruptly rounded posteriorly; bristles rather short, only one pair almost as long as the tube, pointed. Tube .8 as long as the head and about half as wide as long, heavily chitinized, sides roughened with little warts which bear minute spines; terminal bristles considerably shorter than the tube, pointed. (To be continued.)

Now is the time to spray trees affected with rust mite, scab or melanose. We handle the

DRY LIME SULPHUR

It saves freight on water and expense of handling. Shipped in air-tight packages with removable top. Will keep indefinitely if top is replaced after using. Dissolves readily in any water. Add Dry Lime Sulphur to water and stir. Five pounds to one hundred gallons water for rust mite, equivalent to two gallons 33° Lime Sulphur Solution to one hundred gallons of water. Prices range from 10½ to 25c per pound according to quantity order.

| | |
|-------------------------|-----------------------------------|
| Arsenate of Lead | Carbolic Acid, Crude |
| Bluestone | Copperas |
| Bordeaux Mixture | Fish Oil Soap |
| Genuine Protexol | Soluble Sulphur Compound |
| Caustic Soda | Sulphur Flowers, etc. |
| Schnarr's Spray Formula | Target Brand White Fly Destroyer. |

Fresh stock of goods always on hand.

IN OUR SPRAYING DEPARTMENT

we carry only the best and most reliable, such as Leggett's Champion Duster, Lowell Compressed Air Sprayers and Gould Sprayers. Write for booklet and prices.

E. O. PAINTER FERTILIZER CO., Jacksonville, Fla.

Printing for All Purposes

Carefully Executed

Delivered on Time

Pepper Printing Company

Gainesville, Florida