

NOTES ON SOME MOSQUITOES FROM NEWCASTLE,
JAMAICA.

BY M. GRABHAM, M. A., M. B., GOVERNMENT MEDICAL SERVICE, JAMAICA,
WEST INDIES.

During the summer and autumn of 1905 several small collections of mosquitoes were sent to me by Major Hassard, of the Royal Army Medical Corps, and Colonel Loscombe, from the Military Station at Newcastle, alt 4,000 feet, and more recently a number of living larvæ from the same locality, collected by Miss Maclaverty. The species represented are as follows:

1. *Stegomyia fasciata*, Fab.
2. *Culex fatigans*, Wied.
3. *Culex secutor*, Theo.
4. *Culex Hassardii*, nov. sp.
5. *Howardina Walkeri*, Theo.
6. *Howardina aureostriata*, nov. sp.
7. *Dendromyia*, ? nov. sp.

1. *Stegomyia fasciata*, Fab.—A few specimens of this form and *S. fasciata*, Fab., sub-species *Luciensis*, Theo., were sent in one of Major Hassard's collections. It appears to be quite uncommon.

2. *Culex fatigans*, Wied.—Specimens were received in all the collections, and the larvæ from rain-water barrels.

3. *Culex secutor*, Theo.—Very abundant and troublesome during the day. Larvæ very numerous in tanks and river-side pools.

4. *Culex Hassardii*, nov. sp.—♀. Head grayish, with narrow curved pale golden scales and hairs clustered thickly on the occiput and between the eyes, upright forked scales on the nape, sides of the head black, eyes bordered with bright white scales; antennæ, palpi and clypeus black; proboscis black, penultimate quarter of its length banded with yellow scales; apex yellow. Thorax grayish, clothed with numerous elongated spindle-shaped black and white scales; white scales collected in two conspicuous white spots near the centre, and a broad area near the scutellum, also in patches along the borders of the mesothorax, a number of long black hairs especially abundant about the origin of the wings. Prothoracic lobes white-scaled. (Fig. 25, 4.) Central lobe of the scutellum white scaled. Lateral lobes black. Pleura black, with several patches of white scales. Metanotum deep brown. Halteres with pale yellow stems and knobs. Legs bluish-black, clothed with black scales