

INSECTS OF MACQUARIE ISLAND.
DIPTERA: CHLOROPIDAE, MILICHIIDAE

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Family Chloropidae

Thyridula (Thyridula) sp.

One specimen was taken at Langdon Pt., 19. I. 1961, K. C. Watson. Another specimen taken by J. L. Gressitt in December 1960 was sent to D. McAlpine, and may or may not represent the same species.

Family Milichiidae

Australimyza macquariensis (Womersley), 1937 (Procanace)

Collected by J. L. Gressitt: Green Gorge: 2, 1-5 m, 4. XII. 1960, in *Poa*; 2, Plateau (N.), 200-350 m, 6-9. XII. 1960; 3, Gadget Gully, 5-7. XII. 1960, on *Stilbocarpa*; 3, NE Coast, 1-3 m, 5. XII. 1960, in tussock; 2, NE Coast, 1-3 m, 5. XII. 1960, in kelp; No. 1 Gully, 7. XII. 1960, sweeping.

Many specimens were taken by K. C. Watson of Antarctic Division, Dept. of External Affairs, Australia, in 1961.

INSECTS OF MACQUARIE ISLAND.
HYMENOPTERA: DIAPRIIDAE

By Carl M. Yoshimoto

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In 1920, the monotypic genus *Antarctopria* with a single species, *latigaster* was described by Charles T. Brues from Macquarie Island. He based his new genus and species on female specimens only.

At the beginning, I encountered difficulty in distinguishing the sexes, but under careful examination, the male can be separated from the female by moniliform antenna, the first flagella segment being shorter than the second and the forewing being reduced to a narrow, elongate, rudimentary stock. The female is known by its clubbed antenna, the first flagellar segment is longer than the second, and in being wingless. Because of the interesting characters in the male, I am describing them with those associated with the fe-

male of this species.

I am grateful to Mr. K. C. Watson, of the A.N.A.R.E., Melbourne, Australia, and to Dr. J. L. Gressitt, in permitting me to study their specimens. The specimens were collected during the 1960-61 Australian National Antarctic Research Expedition on Macquarie I.

1. *Antarctopria latigaster* Brues Fig. 1.

Antarctopria latigaster Brues, 1920, Australian Antarctic Exp. Ser. C 5 (8) : 27-28.

Male: Body length 2.0-2.5 mm. Similar to ♀ except as follows: Head entirely black, sternites, propodeum, petiole, and legs nearly fuscous. Head seen from dorsal view 2.5× as wide as long. Antenna moniliform, antennal scape 1/4 as long as rest of antenna; flagellar segment 1 shorter than 2, ratio: 1.25 : 1.50 (fig. a); base of segment 2 emarginate beneath. Tibiae elongate, narrow at base, gradually thickened apically. Surface of mesonotum with punctation. Forewing reduced to a narrow, elongate, rudimentary stock. Genitalia as shown in fig. 1b.

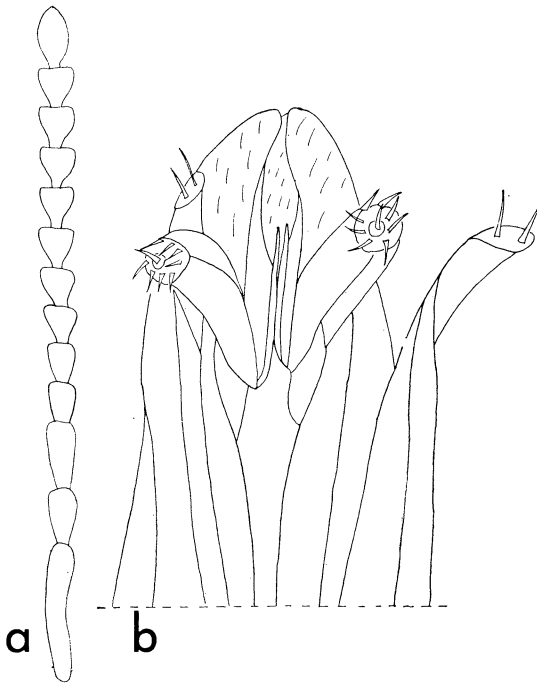


Fig. 1. a, antenna, *A. latigaster* Brues; b, ♂ genitalia, same species.

1♂, *Stilbocarpa* leaves; 2♀♀, 1♂, Douglas Point, 22. III. 1961, Watson, ex *Herfield* litter; 6♀♀, 6♂♂, Garden Cove, 25. III. 1961, 18. IX. 1961, Watson, ex *Colobanthus muscoides*, Marine alga; 1♂, Landon Point, 22. III. 1961, Watson, ex *Stilbocarpa* litter; 1♀, Handspike Point, 28. IX. 1961, Watson, ex *Stilbocarpa* litter.

Note: A single unidentifiable specimen of the family Scelionidae was taken by Gressitt at Green Gorge, east coast of Macquarie, 5. XII. 1960, near sea level.

SPECIMENS EXAMINED: 1♂, Aerial Cove, Macquarie I., 23. II. 1961, Watson, ex *Colobanthus* sp.; 7♂♂, 2♀♀, Westside of North Head, 4-9. XII. 1960, Gressitt, ex *Azorella*, moss-*Azorella*; 4♀♀, 4♂♂, North Head, 3. III. 1961, 13. IV. 1961, 9, 31. V. 1961, 27. VI. 1961, 26. IX. 1961, Watson, ex rookery mud, *Poa hamiltoni*, marine alga; 11♀♀, 15♂♂, Aerial Cove, 15. XII. 1960, 17, 24. I. 1961, Watson, ex *Colobanthus muscoides*, marine alga; 1♀, 2♂♂, Wireless Hill, 5. IV. 1961, Watson, ex *Stilbocarpa* litter; 14♀♀, 2♂♂, Lambing Gully, 12. V. 1961, 20. VI. 1961, 17. VIII. 1961, Watson, ex *Stilbocarpa* leaves; 1♀, Halfway Hill, 2. III. 1961, Watson, ex coastal rocks; 1♀, Camp Hill, 13. VII. 1961, Watson, *Poa* grasses; 1♀, 2♂♂, Hasselborough Bay, 8. III. 1961, 5. IX. 1961, Watson, ex *Puccinellia macquariensis*, *Stilbocarpa* leaves; 2♂♂, Nuggets, 19. III. 1961, Watson, *Stellaria* and feathers, *Puccinellia macquariensis*; 1♂, Catch-me Point, 20. III. 1961, Wat-