

INSECTS OF MACQUARIE ISLAND. HEMIPTERA: HOMOPTERA: APHIDIDAE

By V. F. Eastop

BRITISH MUSEUM (NATURAL HISTORY), LONDON

Two species were collected, but all the samples except one contained *Jacksonia papillata*. This survey was carried out as part of the Australian National Antarctic Research Expeditions.

Jacksonia papillata Theobald, 1923

This aphid lives hidden at the bases of tufts of grass, particularly *Festuca* spp. and more rarely feeds on etiolated dicotyledons. It has been seen from Britain (where it is more common in Scotland and Wales than in England, apparently preferring cool damp conditions), Iceland, Norway and New Zealand (Lincoln, 28. X. 1959, K. P. Lamb). A single small specimen from Idaho, U. S. A. (Cub River Canyon, 9. VIII. 1959, G. F. Knowlton, but in collection of C. F. Smith, North Carolina), also seems to be this species. All the following were taken by K. C. Watson of the Antarctic Division, Dept. of External Affairs, Australia, except the first, which was taken by J. L. Gressitt.

Wireless Hill	9.XII.60	Pleurophyllum hookeri litter	1 apt. J. L. Gressitt
Handspike Pt.	14.I.61	Stilbocarpa litter	1 nymph. K. C. Watson
Nuggets Pt.	2.III.61	" "	7 apt, 2 nymph
"	19.III.61	" fruiting heads	3 nymph
		Stellaria media	8 apt, 10 nymph
Langdon Pt.	22.III.61	Poa foliosa	12 apt, 20 nymph
Tent Hill	4.IV.61	Acaena	1 al
		Poa annua	12 apt, 27 nymph
Wireless Hill	5.IV.61	Poa annua, Ranunculus biternata	4 apt, 6 nymph
Camp Hill	8.IV.61	Poa foliosa	1 apt, 31 nymph
" "	10.IV.61	Sheep dung & soil	1 apt
Wireless Hill	19.IV.61	Poa annua, Ranunculus	4 apt, 8 nymph
Hasselborough Bay	"	Puccinellia macquariensis	2 apt, 8 nymph
Camp Hill	8.V.61	Poa annua	34 apt, 11 nymph
Garden Cove	25.V.61	Green algae	1 nymph
Camp Hill	26.V.61	Poa annua	8 apt, 22 nymph
North Head	21.V.61	P. hamiltoni	1 nymph
Camp Hill	20.VI.61	P. annua, Montia fontana	10 apt, 20 nymph
" "	4.VII.61	P. annua	1 apt, 38 nymph
" "	13.VII.61	P. annua & foliosa	2 apt, 12 nymph
" "	14.VIII.61	" , M. fontana	1 nymph
" "	23.VIII.61	Grassland	1 nymph

Camp Hill	7.IX.61	<i>P. annua</i> , <i>M. fontana</i>	2 apt, 3 nymph
Nuggets Pt.	15.IX.61	<i>Stilbocarpa</i> litter	1 nymph
Tent Hill	6.X.61	<i>Festuca erecta</i>	1 apt
Camp Hill	12.X.61	<i>Poa foliosa</i>	7 apt, 33 nymph
Hurd Pt.	26.X.61	" "	29 apt, 100 nymph
Camp Hill	16.XI.61	" "	9 apt, 33 nymph
Nuggets Pt.	26.XI.61	" "	9 apt, 51 nymph
Camp Hill	1.XII.61	" "	6 apt, 40 nymph

Rhopalosiphum of the *R. padi* (L.) group

One sample contained three damaged specimens of a *Rhopalosiphum* of the *R. padi* (L.) group. *R. padi* is of almost cosmopolitan distribution except for tropical lowlands, rarely being found near the equator below 1500 m. The host plants are Gramineae and more rarely other monocotyledons. *R. padi* (L.) is common in both New Zealand and Tasmania.

Wireless Hill 5.IV.1961 *Festuca erecta* 1 apt, 3 al, 10 nymph. K. C. Watson

RECENT LITERATURE ON PACIFIC INSECTS

ACARINA

(Continued from page 920)

- Womersley, H. 1961. Some Acarina from Australia and New Guinea paraphagic upon millipedes and cockroaches and on beetles of the family Passalidae. On the family Diarthrophallidae (Acarina-Mesostigmata-Monogynaspida) with particular reference to the genus *Passalobia* Lombardini 1926. R. Soc. S. Austral., Trans. **84**: 11-44, 14 figs.
- Wu, C. L., C. S. Yang & K. H. Wu. 1959. Discovery of *Trombicula* (*Leptotrombidium*) *akamushi* var. *deliensis* (Walch, 1923) in Chekiang Province. Acta Ent. Sinica **9** (6): 564 (in Chinese).
- Yamaguti, N., S. Inatomi & M. Kimura. 1960. Report on the tsutsugamushi found in Okayama districts. Japan. Jour. Sanit. Zool. **11** (2): 58 (in Japanese).

ARTHROPODA

- Weidner, H. 1960. Die entomologischen Sammlungen des Zoologischen Staatsinstituts und Zoologischen Museums Hamburg. III. Teil. Chilopoda und Progoneata. Hamburg. Zool. Mus. Inst., Mitt. **58**: 57-104.
- Isshiki, O. & A. Yonezawa. 1960. A scorpion (*Buthus martensii* Karsch) found in Japan. Japan. Jour. Sanit. Zool. **11** (3): 117-23, 9 figs. (English summary).