

INSECTS OF MICRONESIA

Anoplura, Supplement

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Reported here are two additional species, overlooked by Ferris (1959, *Ins. Micronesia* 8(2): 9-12), and several additional records of Anoplura from Micronesia. A key to the six species and table showing their

Distribution of Micronesian Anoplura

	Micronesian Island Groups								Other Localities	
	S. Mariana	Caroline						Marshall		Gilbert
		Palau	Yap	Caroline Atolls	Ponape	Kusaie	Marshall			
Haematopinidae										
Haematopinus tuberculatus	G	×							All parts of world where host occurs	
H. suis	G			×					All parts of world where host occurs	
Hoplopleuridae										
Hoplopleura pacifica	×	×		×	×	×	×	×	Malagasy Rep., SE Asia, Philippines, Oceania, Caribbean, SE United States	
Linognathidae										
Linognathus africanus	×	×							Africa, Asia, Philippines, Hawaii, North America	
Pediculidae										
Pthirus pubis		×	×						Cosmopolitan	
Pediculus humanus	G	×	×	×		×	×	×	Cosmopolitan	

G indicates Guam only.

distribution in Micronesia are included. Records for which the number of specimens are not given are from the National Museum of Natural History, courtesy of Dr. K. C. Emerson.

KEY TO MICRONESIAN SPECIES OF ANOPLURA

1. Abdomen with paratergal plates..... 2
 Abdomen without paratergal plates..... **Linognathus africanus**
2. Eyes or postantennal ocular notch present..... 3
 Eyes and postantennal ocular notch absent..... **Hoplopleura pacifica**
3. Postantennal ocular notch present; eyes absent..... 4
 Postantennal ocular notch absent; eyes present..... 5
4. With 5-8 slender setae on posterior margin of each lateral lobe of abdomen.....
 **Haematopinus tuberculatus**
 With 1-2 slender setae on posterior margin of each lateral lobe of abdomen.....
 **Haematopinus suis**
5. Abdominal tubercles absent; legs equal in size..... **Pediculus humanus**
 Abdominal tubercles present; legs unequal in size..... **Pthirus pubis**

FAMILY HAEMATOPINIDAE

Haematopinus tuberculatus (Burmeister) (fig. 1, a).

S. MARIANA IS. GUAM: male, two females, Agana, ex *Bos bubalus*, May 1936, O. H. Swezey.

Haematopinus suis (Linnaeus) (fig. 1, b).

S. MARIANA IS. GUAM: ex *Sus scrofa*, June 1939.
 MICRONESIA. Male, no other data.

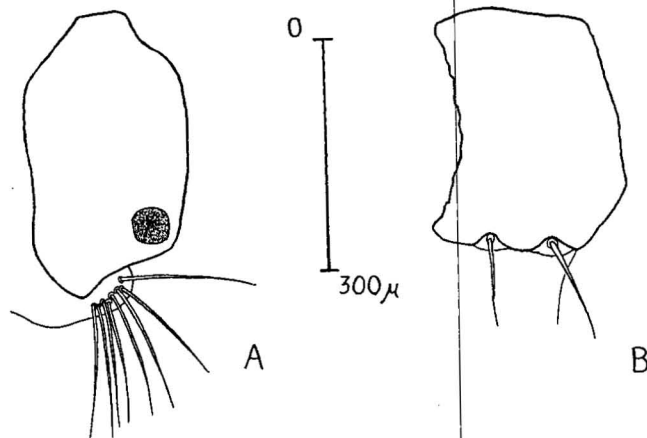


FIGURE 1.—a, *Haematopinus tuberculatus*: lateral lobe of abdomen; b, *H. suis*: lateral lobe of abdomen.

This species is reported from Ponape by Hurlbut (1949, Pacific Sci. 3 (3): 278) but not listed by Ferris (*op. cit.*).

FAMILY HOPLOPLEURIDAE

Hoplopleura pacifica Ewing.

S. MARIANA IS. SAIPAN: ex *Rattus* sp., Sept.-Oct. 1944, May 1945; ex *Rattus rattus*, May 1945. TINIAN: ex *Rattus* sp., Apr. 1945.

PALAU. PELELIU: ex *Rattus norvegicus*, Mar. 1945.

CAROLINE ATOLLS. NAMOLUK (NAMORUKKU): 49 males, 120 females, eight nymphs, Namoluk I., 3 m, mixed pool of 63 *Rattus exulans* and five *Rattus rattus*, Mar. 1971, K. M. Marshall.

PONAPE. ex *Rattus rattus*, Sept.-Oct. 1955.

KUSAIE. Male, Mutunlik, 22m, ex *Rattus* sp., Feb. 1953, J. F. G. Clarke.

MARSHALL IS. ex *Rattus exulans*, May, July 1944. KWAJALEIN: two males, two females, 20 nymphs, ex *Rattus exulans*, Jan. 1966.

GILBERT IS. Two females, nymph, ex *Rattus* sp., Jan. 1944, Maj. Weiss. Johnson (1964, Misc. Pub., Ent. Soc. America 4 (3) : 67-102) has clarified the status of *Hoplopleura pacifica* which for many years was considered a synonym of *H. oenomydis* Ferris. The hosts in Micronesia are *Rattus exulans*, *R. norvegicus*, and *R. rattus*.

This species is not listed by Ferris (*op. cit.*) who overlooked the record by Marshall (1955, J. Mammal. 36 (2) : 259-263) from the Marshall Islands. This record and a later one from Ponape (Jackson, in Storer, 1962, B. P. Bishop Mus. Bull. 225 : 191) are included in the table on distribution.

FAMILY LINOGNATHIDAE

Linognathus africanus Kellogg and Paine.

S. MARIANA IS. SAIPAN: female, ex *Capra hircus*, Sept. 1944, Capt. Gleiser.

FAMILY PEDICULIDAE

Pediculus humanus (Linnaeus).

S. MARIANA IS. GUAM: Dededo, Nov. 1937.

CAROLINE ATOLLS. NAMOLUK (NAMORUKKU): three males, 13 females, seven nymphs, Namoluk I., 3m, on head of 6 yr. old girl, Mar. 1970, K. M. Marshall. NUKUORO (NUGORO): four males, 23 females, 1966, V. Carroll. KAPINGAMARANGI (GREENWICH): ex man, Aug. 1946.

GILBERT IS. TARAWA: male, six females, three nymphs, Abaokoro, on head of Gilbertese, Dec. 1957, N. L. H. Krauss.

The specimens examined from Namoluk, Nukuoro, and Tarawa agree with others from Micronesia which Ferris (*op. cit.*) indicates could be referred to the questionable form known as *Pediculus pseudohumanus* Ewing.