

A NOTE ON SOME BRITISH AND FOREIGN ANOPLURA SIPHUNCULATUM
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Reprinted from 'The Entomologist's Monthly Magazine,' Vol. lxxx.

The following paper deals with a number of 'sucking lice' obtained by 'brushing' study skins of mammals in my collection, a method which I have found very remunerative. It can be argued that the hosts of parasites obtained in this manner are open to doubt. Against this it can be said that where more than one specimen of the parasite is found on a particular skin or where, as often happens, the louse is found clinging to one or more of the host's hairs that the animal in question is the real host. One definite fault in the method is that frequently two or more legs are lost in the process of brushing. It is necessary in most cases to stain the parasite before mounting, and I have found that 'Orange G' and 'Eosin 1%' are both good for this purpose. All specimens are mounted in Canada balsam. In most cases I have obtained short series of the different parasites, and on one skin I took fifteen examples of *Polyplax spinulosa* (Burm.). I have also found that it pays to go over the skins two or three times, as there may be parts omitted the first time. Fleas, ticks, Mallophaga and mites are also to be obtained by brushing.

The following two records are from British specimens:—

Hoplopleura acanthopus (Burm.).—Pitlochry, Perth, on *Clethrionomys g. britannicus* Mill.; Lymphsham, Somerset, on *Microtus a. hirtus* Bell. *Polyplax spinulosa* (Burm.).—Lymphsham, Somerset, on *Arvicola a. amphibius* L. Of this species I have obtained three examples from different skins of the host-species, which more or less bears out Ferris's idea (1923, *Contrib. Mon. Sucking Lice*, 4: 193) that *P. spiniger* (Burm.) is a synonym of *spinulosa*.

The foreign records are as follows:—

Enderleinellus nitzschi Fah.—DENMARK, Skedbjerg, Skovparti, on *Sciurus v. vulgaris* L. *Hoplopleura acanthopus* (Burm.).—GERMANY, Berlin-Buch, on *Microtus a. arvalis* Pallas; DENMARK, Horslunde, Lolland, on *Apodemus a. agrarius* Pallas; EGYPT, Cairo, on *Mus m. orientalis* Cretz., two of what appear to be this species. *H. sciuricola* Ferris.—CANADA, French River, Ontario, on *Eutamias m. borealis* All.; U.S.A., Barnstable, Massachusetts, on *Sciurus h. loquax* Bangs. *H. affinis* (Burm.).—CHINA, Fengsiangfu, Shensi, on *Apodemus a. pallidus* Thos.; PARAGUAY, Tupneay, on *Oryzomys eliurus* Wag.; same locality on *Akodon a. cursor* Win. *H. audax* Ferris.—NORTH ECUADOR, Búlun, on *Proechimys c. callidor* Thos., a number of specimens of this very distinct species were brushed from this skin. *H. quadri-dentata* (Neum.).—PARAGUAY, Tupneay, on *Oryzomys r. paraganus* Thos. *H. trispinosa* K. and F.—U.S.A., Hatchville, Massachusetts, on *Glaucmys v. volans* L. *Polyplax spinulosa* (Burm.).—NICARAGUA, Jindtega, on *Rattus r. rattus* (L.). *P. serrata* (Burm.).—JUGO-SLAVIA, Sarajevo, on *Apodemus s. dichrurus* (Raf.); DENMARK, Horslunde, Lolland, on *Apodemus a. agrarius* Pallas; SWEDEN, Uppsala, on *Apodemus s. sylvaticus* (L.). *Neohaematopinus sciuropteri* (Osb.).—U.S.A., Hatchville, Massachusetts, on *Glaucmys v. volans* L.

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December 1st, 1943.