



New taxa, new synonymies and new host records in the louse genus *Halipeurus* (Insecta: Phthiraptera: Philopteridae) parasitic on petrels (Aves: Procellariiformes)

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Abstract

I describe and illustrate five new species of chewing lice in the genus *Halipeurus*, parasitic on petrels from the Pacific and the Atlantic Oceans. They are: *Halipeurus confusus* n. sp. from *Pterodroma nigripennis*; *H. pricei* n. sp. from *Pterodroma brevipes* and *Pt. leucoptera*; *H. atlanticus* n. sp. from *Pterodroma cahow* and *Pt. madeira*; *H. pelagodromae* n. sp. from five subspecies of *Pelagodroma marina*; and *H. vincesmithi* n. sp. from *Oceanodroma matsudairae*. I discuss the morphological similarities of the currently recognised subgenera of *Halipeurus* and propose to synonymise them—*Synnautes* Thompson, 1936 and *Anamias* Timmermann, 1965—under the nominate subgenus. I propose two new synonymies at species level: *Halipeurus sawadai* Nakagawa, 1959 and *Halipeurus angusticeps fosteri* Edwards, 1961 both as junior synonyms of *Halipeurus angusticeps* (Piaget, 1880). Also, I propose to merge *H. subclavus* Timmermann, 1961 and *Halipeurus spadix* Timmermann, 1961 as subspecies of *H. spadix*. I report several new host-lice records for other *Halipeurus* species, and present additional information and illustrations for *H. raphanus* Timmermann, 1961, *H. fallacis* Timmermann, 1960, *H. nesofreggettae* Timmermann, 1961 and *H. spadix subclavus* Timmermann, 1961 based on their type material and other specimens. Lectotypes of *Lipeurus pelagicus* Denny, 1842 and *Lipeurus languidus* Kellogg & Kuwana, 1902 are designated.

Key words: *Halipeurus*, Philopteridae, Phthiraptera, lice, new species, new synonymies, new host records, new status, Procellariiformes, petrels, New Zealand, Australia, Pacific Ocean islands, Atlantic Ocean islands, Indian Ocean islands