

THE
JOURNAL
OF
ZOOLOGICAL RESEARCH.

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EDITED BY

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DESCRIPTIONS OF SOME FURTHER NEW VARIETIES
OF BRITISH WOODLICE.

BY **WALTER E. COLLINGE, D.Sc., F.L.S.,**

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THE recent publication of a Check-List of the British Woodlice¹ has led to an increased interest in these crustacea, and as a result I have had the pleasure of examining numerous collections from all parts of the country, which have not only added many new localities to the Record of Distribution, but have also brought to light the following new varieties :—

Haplophthalmus mengii (Zad.).

Var. *flavovirescens*, nov.

Whole of body a light yellowish-green, with a tinge of grey.

Dumbarton.—Helensburgh, Oct., 1917! Miss Æ. J. Jardine.

Oniscus asellus, Linn.

Var. *flavescens*, nov.

Whole of body a uniform butterscotch yellow colour.

Lundy Is.—B. F. Cumming (Ann. and Mag. Nat. Hist., 1909, p 319).

Channel Is.—Jersey, 1914!

Var. *flavobrunneus*, nov.

Ground colour a yellowish-brown, with yellowish lateral markings above the pleural plates, which latter are a lighter colour than the dorsum.

Dorset.—Abbotsbury, Aug., 1917! J. Omer-Cooper.

Cheshire.—Northenden, Sept., 1917! Rev. S. G. Brade-Birks.

Philoscia muscorum (Scopoli).

Var. *virescens*, nov.

Ground colour dorsally, and median longitudinal band, a deep olive green, rather lighter ventrally, markings as in type, only greenish-yellow colour.

Yorks.—Dowley Gap, nr. Bingley, April, 1917! F. Rhodes.

The green tint in life is very striking, but it gradually disappears from the specimens when placed in alcohol.

¹ Scottish Nat., 1917, pp. 111-116.

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Cylisticus convexus (De Geer).Var. *brunneus*, nov.

Dorsum a deep brown colour, with lighter brown lateral wavy stripes. Uropoda brown, other appendages and sterna yellowish-brown.
Cumberland.—Garden, Penrith, July, 1917! J. C. Varty-Smith.

Porcellio scaber, Latr.Var. *flavobrunneus*, nov.

Body somewhat narrow, colour a uniform, dirty, light brownish-yellow. Length, 10.5 mm.
Durham.—Sth. Shields! R. S. Bagnall.

Porcellio laevis. Latr.Var. *flavovirescens*, nov.

Whole of body a light yellowish-green. Length, 18 mm.
Cheshire.—Acton Bridge, May, 1917! B. R. Lucas.

Var. *maculatus*, nov.

Ground colour a leaden grey, with irregular light yellowish blotches, which occasionally replace the typical wavy stripes. Length, 14 mm.

Cheshire.—Acton Bridge, May, 1917! B. R. Lucas.

For this and the previous variety I am indebted to the kindness of Mr. R. Standen, of the Manchester Museum.

Porcellionides pruinosis (Br.).Var. *flavobrunneus*, nov.

Whole of body a light yellowish-brown, last three segments of the mesosome and the whole of the metasome a slightly darker brown.
Dumbarton.—Helensburgh, June, 1917! Miss Æ. J. Jardine.

Platyarthus hoffmannseggii, Br.Var. *flavobrunneus*, nov.

Whole of body a light yellowish-brown.

Berks.—Besselsleigh, Jan., 1914! R. S. Bagnall.

Cheshire.—Denna, Aug., 1916! T. A. Coward.

Lancashire.—Warton, 1909! R. Standen.

Armadillidium vulgare (Latr.).Var. *virescens*, nov.

Dorsum a deep olive green, with the 1st and 2nd mesosomatic segments a lighter green.

Devon.—Lee, Aug., 1913! R. S. Bagnall.

A very handsome and striking variety.

Var. aureolineatus, nov.

Segments of the mesosome with a conspicuous golden-yellow blotch in the mid-dorsal line, forming a broken line; posterior margin of the segments yellow, also the pleural plates, and a more or less ill-defined golden-yellow line on each side of the median one, on a dark sepia-brown ground colour.

Cambridge.—Cambridge, May, 1917! E. H. H. Collinge.

Dumbarton.—Helensburgh, June, 1917! Miss Æ. J. Jardine.

Var. tesselatus, nov.

Ground colour of dorsum light yellow, with numerous small, irregular bluish-grey markings.

Dumbarton.—Helensburgh, Sept., 1917. Miss Æ. J. Jardine.

Var. marginatus, nov.

Ground colour of dorsum a dark-grey, with lighter lateral patches and broken median line; pleural plates light yellow.

Dumbarton.—Helensburgh, Sept., 1917. Miss Æ. J. Jardine.

For this and the preceding variety I am indebted to Miss Æ. J. Jardine, who is doing excellent work in the elucidation of the distribution of species in the West of Scotland.

Var. cooperi, nov.

Cephalon blackish-brown, finely speckled with yellow. Pleural plates of mesosome pale yellowish-white, also the posterior border of the segments. On each side of the median line is a somewhat oval-shaped purplish-brown patch with yellowish wavy stripes, the two patches generally meeting anteriorly on the first three or four segments. Metasome yellowish-brown.

Dorset.—Swanage, June, 1917! Miss C. Moorsom.

I am indebted to the kindness of Mr. J. Omer-Cooper for this very handsome and interesting variety, after whom it is named.

Var. bicolor, nov.

Whole of body a rich creamy-white, with a few irregular patches of golden-yellow and black.

Cheshire.—Moreton, Wirral, July, 1917! R. Standen.

A very handsome variety.

Armadillidium pulchellum*, Br.Var. flavus*, nov.

Whole of body a light straw-yellow colour.

Northumberland.—Alwinton! R. S. Bagnall.