

then there is no longer any doubt of the identity of *Nais* and *Phalerata*.

With regard to *A Decorata*, I cannot as yet say as much. I have for some time regarded this as a form of *Nais*, but this season I have reared it from the larva, and found that it differs from the larva from which *Nais* was raised, as the following brief description of larva of *A Decorata* when full grown will show: It is black, rather thick, ten tubercles bearing clusters of hairs to each segment, the second and third on each side from above dark orange of rather a smoky hue, the tips black. Part of the hairs on the sides and all of those on joint 1, top as well as sides, are brown, the rest are black. Stigmata bright orange; no dorsal line. From this it may be seen that the identity of this with the others is a subject for future investigation.

TWO NEW SPECIES OF THANAOS.

BY W. H. EDWARDS.

THANAOS TATIUS.

Male.—Expands 1.6 inch.

Upper side of primaries umber-brown, blackish on disk and to base, the outer limb free from white scales; on outer edge of disk towards costa a light brown patch; on costa four sub-apical silvery dots, in zigzag line; one such dot in upper median interspace, and one, rather obscure, against end of cell; along hind margin a row of small patches of bluish-white scales; the usual (in this genus) extra-discal band is made up of large lanceolate and elongated black spots, separated, each edged on the outer sides by bluish-white scales, which scales form a conspicuous serrated line across the wing.

Secondaries black-brown with an indistinct series of lighter patches beyond the disk; fringes of primaries concolored; of secondaries white, cinereous at outer angle.

Under side of primaries lighter, the spots repeated, the one against cell distinct; along hind margin a row of white points, and at inner angle a white patch; beyond the disk an indistinct series of whitish patches, almost obsolete in the middle of the wing; the apical area dusted white. Secondaries uniform blackish-brown; along the edge of hind margin a macular white band, represented by dots on the upper half.

Body above dark brown, beneath same, but the thorax with many dark grey hairs; legs dark brown; palpi brown with dull white hairs interspersed; antennæ black, on the underside ringed white; club black above, the under side and tip ferruginous.

From a single male.

This fine species is readily distinguished from any of the

white-fringed allies by the pure brown color of the marginal area of primaries, with no dusting of white, and by the conspicuous extra-discal band and its whitish servated edging.

THANAOS CLITUS.

Male.—Expands from 1.5 to 1.7 inch.

Upper side of primaries umber-brown, so much dusted with whitish scales and clothed with white hair as to discover the ground color only in small patches, as along the hind margin, and also a little within the margin and on basal area; the usual extra-discal spots are black, on the upper half the wing long, acute, below broad, lanceolate; on middle of disk a broad, black cross-band, reaching inner margin, and the basal area is mottled with black; a clear brown, but not well defined patch, at end of cell; on costal margin four sub-apical diaphanous dots, three in straight line, the fourth a little inside; a similar dot in upper median interspace, and one at the end of cell. Secondaries uniform black-brown; fringes of primaries black-brown, of secondaries white, cinereous at outer angle.

On under side the spots are repeated, a little enlarged; primaries have a marginal row of white points, sometimes meeting; also an extra-discal series of light-brown patches more or less dusted with white scales; in some examples, however, these also are wanting, unless next inner margin, and the whole limb is thinly dusted white, through which runs a submarginal series of brown patches; in all cases there are many white scales over apical area.

Secondaries immaculate, except for a few whitish points along posterior part of hind margin, which sometimes are developed into a white macular band.

Body above black-brown, thorax and abdomen beneath grey-brown; legs dark brown, with ferruginous hairs on under side; palpi dark brown, the tips of the hairs whitish; antennæ black, on under side slightly annulated white; club black above, ferruginous below and at tip.

From 6 ♂.

This species is allied to *Tristis*, Bd.

NOTES ON LEPIDOPTEROUS LARVÆ.

BY A. S. PACKARD, JR., M.D.

The following larvæ were collected during the past season in Maine, while engaged in collecting material for a revised and enlarged edition of Bulletin No. 7 of the U. S. Entomological Commission (Insects injurious to Shade and Forest Trees), which is to form the Fifth Report of the Commission to be prepared under the direction of the Commissions of Agriculture. The writer would here ask aid from lepidopterists in the way of specimens and notes concerning any insects found on any kind



Edwards, William H. 1882. "Two new species of Thanaos." *Papilio* 2(9/10), 179–180.

View This Item Online: <https://www.biodiversitylibrary.org/item/39683>

Permalink: <https://www.biodiversitylibrary.org/partpdf/317903>

Holding Institution

Smithsonian Libraries and Archives

Sponsored by

Smithsonian

Copyright & Reuse

Copyright Status: NOT_IN_COPYRIGHT

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.