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A CATALOGUE OF THE TYPE SPECIMENS OF YPONOMEUTOIDEA (LEPIDOPTERA) IN THE MUSEUM OF COMPARATIVE ZOOLOGY WITH REVISED STATUS OF *PLUTELOPTERA OCHRELLA*

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ABSTRACT. This catalogue includes a total of 31 species of Yponomeutoidea for which all or a part of type series have been deposited in the collection of the Museum of Comparative Zoology, Harvard University: 10 Argyresthiidae, eight Lyonetiidae, seven Ypsolophidae, two Yponomeutidae, two Plutellidae, one Heliodinidae, and one whose systematic position remains uncertain. Of these, the primary type specimens of Yponomeutoidea comprise six holotypes, 11 lectotypes, and one species described from syntypes. All primary and secondary type specimens of Yponomeutoidea from the collection are catalogued with annotations of their original citations, collecting data, specimen condition, current taxonomic status, and if necessary, notes on uncertainty involving the type series. Lectotypes are designated for 12 species from the collection of the Museum of Comparative Zoology, including eight argyresthiids (*Argyresthia altissimella* Chambers, 1877; *Argyresthia austerella* Zeller, 1873; *Argyresthia belangerella* Chambers, 1875; *Argyresthia montella* Chambers, 1877; *Argyresthia pedmontella* Chambers, 1877; *Argyresthia quercicolella* Chambers, 1877; *Bucculatrix thuiella* Packard, 1871; *Argyresthia undulatella* Chambers, 1874) and four confirmed or putative lyonetiids (*Cemistoma albella* Chambers, 1871; *Eurynome albella* Chambers, 1877; *Lyonetia alniella* Chambers, 1875; *Acanthocnemes fuscocapulella* Chambers, 1878), and for eight species from the collection of the Natural History Museum, London, including one argyresthiid (*Argyresthia deletella* Zeller, 1873), six ypsolophids (*Cerostoma canariella* Walsingham, 1881; *Eucratia castella* Walsingham, 1881; *Cerostoma dentiferella* Walsingham, 1881; *Cerostoma falciferella* Walsingham, 1881; *Cerostoma frustella* Walsingham, 1881; *Eucratia securella* Walsingham, 1881), and one plutellid (*Plutella vanella* Walsingham, 1881). The taxonomic identity of *Plutelloptera ochrella* Chambers, 1880, once a junior synonym of *Ypsolopha ustella* (Clerck, 1759), is revised with examination of the genitalia, which suggests that the species needs to be resurrected as a senior synonym of *Cerostoma rubrella* Dyar, 1902.

KEY WORDS: Ditrysia; Lepidoptera; nomenclature; taxonomy; type specimens; Yponomeutoidea; Ypsolophidae

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INTRODUCTION

Type specimens serve as the anchor for species-level names and validity of name-bearing taxa (Winston, 1999). Unambiguous definition of any species is, therefore, strongly

