

Checklist of the Arctiidae (Lepidoptera: Insecta) of the continental United States and Canada

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Abstract

A checklist of the 282 species of Arctiidae of North America north of Mexico is presented. The list reflects changes in taxonomy and additions to the fauna since publication of the *Checklist of the Moths of America North of Mexico* in 1983. *Pagara* Walker, 1856 and *Neoplynes* Hampson, 1900 are transferred from Lithosiinae to Arctiinae. Lectotypes are designated for *Arctia incorrupta* Henry Edwards, 1881, and *Arctia incorrupta* Henry Edwards, 1881. Two new combinations are proposed: *Cisthene tenuifascia schwarziiorum* Dyar, 1899, and *Trocodima fuscipes* (Grote, 1883). *Arachnis citra verna* Barnes & McDunnough, 1918 is proposed as a revised status. “*Afrida*” *exegens* Dyar, 1922 is reported for North America for the first time, but its subfamily and generic placement are uncertain. *Clemensia patella* (Druce, 1885) is raised from synonymy with *Clemensia albata* Packard, 1864. Seventeen taxa are designated as new or revised synonyms: *Arctia oithona* Strecker, 1878 (= *Grammia phyllira* (Drury, 1773)); *Arctia rectilinea* French, 1879 (= *Grammia phyllira* (Drury, 1773)); *Arctia conspicua* Stretch, 1906 (= *Grammia phyllira* (Drury, 1773)); *Arctia quadrantata* Strecker, 1880 (= *Grammia f-pallida* (Strecker, 1878)); *Apantesis sociata* Barnes & McDunnough, 1910 (= *Grammia f-pallida* Strecker, 1878); *Apantesis moierra* Dyar, 1914 (= *Grammia f-pallida* (Strecker, 1878)); *Apantesis mormonica* Neumoegen, 1885 (= *Notarctia arizoniensis* (Stretch)); *Arctia caja parva* Rothschild, 1910 (= *Arctia opulenta* (Henry Edwards, 1881)); *Kodiosoma otero* Barnes, 1907 (= *Kodiosoma fulva* Stretch, 1872); *Estigmene arizonensis* Rothschild, 1910 (= *Estigmene albida* Stretch, 1874); *Epantheria denudata* Slosson, 1888 (= *Hypercompe scribonia* (Stoll, [1790])); *Arachnis hampsoni* Dyar, 1903 (= *Arachnis picta maia* Ottolengui, 1896); *Arachnis midas* Barnes & Lindsey, 1921 (= *Arachnis citra verna* Barnes & McDunnough, 1918); *Arachnis apachea* Clarke, 1941 (= *Arachnis citra verna* Barnes & McDunnough, 1918); *Euchaetes pudens* (Henry Edwards, 1882) (= *Cycnia collaris* (Fitch, 1856)); *Arctia sciurus* Boisduval, 1869 (= *Cycnia tenera* Hübner, 1827); *Pygarctia albistrigata* Barnes & McDunnough, 1913 (= *Pygarctia pterygostigma* Dyar, 1909); and *Microdota hemiceras* Forbes, 1931 (= *Trocodima fuscipes* (Grote, 1883)). *Halysidota underwoodi* Rothschild and *H. fuliginosa* Rothschild are removed from the North American list because their inclusion was based on