

THECLA IROIDES. Bd.

This species is near *Augustus*, Kirby, and is found on all the Pacific slope, from British Columbia to Arizona. *Augustus* flies over the Boreal regions and Eastern States. The size of these Arizona examples, the female having nearly twice the superficial area of the eastern relative, led me to think it a new species on first examination. But Mr. Morrison tells me he found fully as large examples in California.

THECLA ALCESTIS. Edw.

Described from Texas specimens sent by the late Jacob Boll. One of our largest species of the *Favonius* group. A single example was taken in Arizona. As others were brought by Mr. Morrison from So. Colorado, the species probably has its habitat more to the southward, Texas to Mexico.

Coalburgh, W. Va., November 1, 1882.

LIST OF SPECIES OF BUTTERFLIES COLLECTED IN ARIZONA BY MR. H. K. MORRISON, IN 1882

Papilio Daunus, Bd.	Pyrameis Cardui, Linn.
" Rutulus, Bd.	" Caryl, Hübn.
" " var. Arizonensis, Edw.	Limenitis Ursula, var. Arizonensis, Edw.
" Bairdii, Edw.	" Eros, var. Obsoleta, Edw.
" Philenor, Linn.	" Weidemeyerii, Edw.
Pieris Protodice, Bd.	Heterochroa Californica, Butl.
" " form Vernalis, Edw.	Apatura Antonia, Edw., var. Montis.
" Sisymbri, Bd.	Paphia Morrisoni, Edw.
Nathalis Iole, Bd.	Neonympha Rubricata, Edw.
Anthocharis Stella, Edw.	" Henshawi, Edw.
" Hyantis, Edw.	Libythea Carinenta, Cram.
Callidryas Eubule, Linn.	Lemonias Cythera, Edw.
Colias Cæsonia, Stoll.	" Nais, Edw.
" Eurytheme, Bd.	" Palmerii, Edw.
" form Keewaydin, Edw.	" Ares, Edw.
Terias Nicippe, Cram.	" Cleis, Edw.
" Mexicana, Bd.	Charis Nemesis, Edw.
Danaus Archippus, Fab.	Thecla Halesus, Cram.
" Strigosa, Bates.	Thecla Alcestis, Edw.
Argynnis Nausicaa, Edw.	" Melinus, Hübn.
Euptoieta Claudia, Cram.	" Apama, Edw.
Melitæa Gabbii, Edw.	" Leda, Edw.
" Leanira, Bd.	" Iroides, Bd.
" Thekla, Edw.	" Læta, Edw.
" Minuta, Edw.	Lycæna Acmon West.-Hew.
" Perse, Edw.	" Pseudargiolus, Bd.
Phyciodes Pratensis, Behr.	" " Viola-cinerea, Edw.
" Mylitta, Edw.	" Amyntula, Bd.
" Picta, Edw.	" Alce, Edw.
Eresia Texana, Edw.	" Exilis, Bd.
Synchlœa Crocale, Edw.	" Marina, Reak.
Grapta Satyrus, Edw.	Copæodes Procris, Edw.
Vanessa Antiopa, Linn.	" Myrtis, Edw.
" Milberti, Grote.	Thymelicus Hylax, Edw.

Pamphila	Taxilis, Edw.	Thanaos	Afranius, Lintn
"	Comma v. Colorado, Scud.	"	Tatius, Edw.
"	" v. Nevada Scud.	"	Clitus, Edw.
"	Snowi, Edw.	"	Funeralis, Lintn.
"	Phylæus, Dru.	Pholisora	Catullus, Cram.
"	Deva, Edw.	"	Pirus, Edw.
"	Python, Edw.	"	Alpheus, Edw.
"	Pittacus, Edw.	"	Ceos, Edw.
"	Nereus, Edw.	Eudamus	Pylades, Scud.
Amblyscirtes	Ænus, Edw.	"	Nevada, Scud.
"	Nanno, Edw.	"	Moschus, Edw.
Pyrgus	Tessellata, Scud.	"	Epigena, Butl.
"	Scriptura, Bd.	"	Hippalus, Edw.
Thanaos	Brizo., Bd.	"	Cellus, Bd.
"	Icelus, Lintn.	"	Tityrus, Fab.
"	Ausonius, Lintn.	"	Dorus, Edw.
"	Propertius, Lintn.	Pyrrhopyga	Araxes, Hew.
"	Pacuvius, Lintn.		

DESCRIPTIONS OF NOCTUID LARVÆ FOUND ON CUTTS' ISLAND, MAINE.

BY ROLAND THAXTER;

PSEUDOTHYATIRA CYMATOPHOROIDES. *Guen.*

Rich yellow-brown, varying in shade, mottled by fine dark lines. A contrasting white spot just above the stigmata of seg. 4, roundish and varying in size, sometimes altogether wanting. A fine, continuous black dorsal line. Head protruded and darker brown than the body. Stigmata black-brown, slender. L. 42 m. m. Three specimens found in cases between leaves, such as are made by *Charadra*. When at rest the body is bent, the head approaching the posterior segments. Spun a slight cocoon in moss September 20-25. Imago June 9 P. M.

Three specimens on red oak.

HABROSYNE SCRIPTA. *Gosse.*

Eggs somewhat pear-shaped, white, changing to bright pink after a day or so of exposure to the air, deposited transversely, singly or superposed in chains of five or six, on the margins or ribs only of raspberry leaves, July 21. A number of hair-like scales are also deposited with the eggs.

Mature larva.—Rich yellow-brown, often almost black. A distinct dorsal black line. Lateral portions more yellow, with blackish mottlings, and broken by blackish dashes which extend from the dorsal portions anteriorly and inferiorly, becoming pointed about the stigmata, where they end. Dorsal surface generally much darker than the rest of the body, though subject to considerable variation. In a few specimens one, two or even three white spots were present above and somewhat anterior to the stigmata on the fourth, fifth or sixth segments respectively; each spot having a central black dot. In some specimens a white spot



Edwards, William H. 1883. "List of species of butterflies collected in Arizona by Mr. H. K. Morrison in 1882." *Papilio* 3(1), 9–10.

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