

**Revalidation of the spider genus *Elaver*
O. Pickard-Cambridge, 1898 (Aranei Clubionidae).**

**Восстановление рода пауков *Elaver*
O. Pickard-Cambridge, 1898 (Aranei Clubionidae).**

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КЛЮЧЕВЫЕ СЛОВА: *Elaver*, *Clubionoides*, синонимика, таксономия.

ABSTRACT: *Clubionoides* Edwards, 1958, is shown to be a new subjective junior synonym of *Elaver* O. Pickard-Cambridge, 1898, the latter being revalidated and removed from the synonymy of *Clubiona* Latreille, 1804. *Elaver* currently comprises 44 species hitherto embodied in *Clubionoides* and (one) in *Clubiona*, all listed in a catalogue.

РЕЗЮМЕ: Показано, что род *Clubionoides* Edwards, 1958, является новым субъективным младшим синонимом *Elaver* O. Pickard-Cambridge, 1898, а последний ревалидизирован и выведен из состава синонимов *Clubiona* Latreille, 1804. *Elaver* теперь включает 44 вида, ранее включенных в *Clubionoides* и (один) в *Clubiona* и перечисленных в каталоге.

Introduction

The genus *Elaver* was erected without typification by O. Pickard-Cambridge [1898] to embody four Mexican species. Two years later, F.O. Pickard-Cambridge [1900] designated *E. tigrina* as the type-species of the genus and referred to *Elaver* as a subjective junior synonym of *Clubiona* Latreille, 1804. As such it has remained up to now. Edwards [1958] proposed *Clubionoides* for five species from the USA, all originally described in *Clubiona*, while both *C. tigrina* and *C. sericea* (O. Pickard-Cambridge) were transferred by Edwards [1958] to *Clubionoides*. Unfortunately, this dismissal- or outright negligence - of *Elaver* as a disponible name was followed by Brescovit & Bonaldo [1992] who transferred 32 Neotropical species to *Clubionoides*, mostly erstwhile *Clubiona* members.

Initially, the genus *Elaver* was established on the basis of certain features of leg armature and

spinneret structure [O. Pickard-Cambridge, 1898: 238]. After synonymization under *Clubiona*, it was tentatively maintained as the *pallens*-group of *Clubiona* [Gertsch & Davies, 1940; Gertsch, 1941]. The genus *Clubionoides* was distinguished as based both on leg armature and the structure of the ♂ and ♀ genitalia [Edwards, 1958: 375-376].

Unfortunately, diverse peculiarities of South and Central American *Elaver* species obscure the generic diagnostic characters indicated by Edwards [1958] and Dondale & Redner [1982]. Only the partly sclerotized tegulum of the ♂ bulb and the presence of a distinct scape in the ♀ epigyne, with the latter feature first mentioned by Gertsch & Davies [1940], combined with the anterior position of the copulatory openings remain definitive characters of the genus concerned. A lot of other peculiarities are polythetical and seem to be complementary to each other. Moreover, certain structural features of the ♂ palp of *Clubiona complicata* Banks, 1898, seem to permit inclusion of this species into *Elaver* [Banks, 1989, pl.XIII, fig.39], but the pattern of leg spination is contradictory, so we refrain from treating this species as *Elaver*.

Two of us (A.D.B., A.B.B.) have been advised about availability of *Elaver* by Dr. N. Platnick, and the third (K.G.M.) came across the synonymy of *Clubionoides* under *Elaver* quite separately and independently while working with American clubionids at the Naturhistorisches Museum Wien, Vienna, Austria.

This paper thus formalizes the synonymy of *Clubionoides* under *Elaver*, **syn.n.**, with all species currently incorporated in *Clubionoides* being formally transferred to *Elaver*, and one more new combination

established on the basis of the original description of an erstwhile *Chubiona* species.

Genus *Elaver* O. Pickard-Cambridge, 1898

Elaver O. Pickard-Cambridge, 1898: 238, type-species *Elaver tigrina* O. Pickard-Cambridge, 1898, designated by F.O. Pickard-Cambridge [1900], replaced by *Chubiona tigrinella* Roewer, 1951: 445 (see also Roewer [1954: 1475], Bonnet [1956: 1651]) as a name preoccupied in *Chubiona*. Feminine gender.

Chubionoides Edwards, 1958: 375, type-species *Chubiona excepta* L. Koch, 1866 (= *C. pallens* Hentz, 1847, n.praeoccup.), by original designation, cf. Roddy [1966: 399], Dondale & Redner [1982: 97], Brignoli [1983: 552], Platnick [1989: 446; 1993: 616]. NEW SYNONYMY!

Transferred species.

Elaver achuca (Roddy, 1966), **comb.n.!**

Chubionoides achuca Roddy, 1966: 401, figs. 3-4, ♂ from Carr Canyon, Huachuca Mountains, Arizona, United States.

Elaver balboae (Chickering, 1937), **comb.n.!**

Chubiona balboae Chickering, 1937: 12, figs. 4, 77-79, ♂ from Barro Colorado Island, Panama;

Chubiona balboai: Bonnet, 1956: 1110 (invalid amendment, cf. ICZN Article 31a1);

Chubionoides balboai: Brescovit & Bonaldo, 1992: 689.

Elaver barroana (Chickering, 1937), **comb.n.!**

Chubiona barroana Chickering, 1937: 13, figs. 13, 30, ♀ from Barro Colorado Island, Panama;

Chubionoides barroana: Brescovit & Bonaldo, 1992: 689.

Elaver brevipes (Keyserling, 1891), **comb.n.!**

Chiracanthium brevipes Keyserling, 1891: 39, fig. 16a, ♀ from Alto da Serra, Nova Friburgo, Rio de Janeiro, Brazil;

Eutichurus brevipes: Simon, 1897: 84;

Chubionoides brevipes: Brescovit & Bonaldo, 1992: 686.

Elaver calcarata (Kraus, 1955), **comb.n.!**

Chubiona calcarata Kraus, 1955: 41, pr. 6, fig. 102, ♂ from Finca El Carmen (1300 m alt.), Vulcan San Vicente, San Vicente, El Salvador;

Chubionoides calcarata: Brescovit & Bonaldo, 1992: 689.

Elaver carlota (Bryant, 1940), **comb.n.!**

Chubiona carlota Bryant, 1940: 421, 422, fig. 206, ♀ from Mina Carlota, Montanhas Trinidad, Cuba;

Chubionoides carlota: Brescovit & Bonaldo, 1992: 689.

Elaver chisosa (Roddy, 1966), **comb.n.!**

Chubionoides chisosa Roddy, 1966: 401, fig. 5, ♀ from The Basin, Chisos Mountains, Big Bend National Park, Texas, United States.

Elaver crinophora (Franganillo, 1935), **comb.n.!**

Chubiona crinophora Franganillo, 1935: 47, ♀ from Serra de Los Organos, Cuba;

Chubionoides crinophora: Brescovit & Bonaldo, 1992: 689.

Elaver crocota (O. Pickard-Cambridge, 1896), **comb.n.!**

Chubiona crocota O. Pickard-Cambridge, 1896: 168, pl. 21, fig. 2-3, ♂ ♀, from Teapa, Tabasco, Mexico;

Chubionoides crocota: Brescovit & Bonaldo, 1992: 690.

Elaver cubana (Roewer, 1951), **comb.n.!**

Chubiona albicans Franganillo, 1930: 30, ♀ from Cuba (preoccupied by *Chubiona albicans* Bosenberg, 1900);

Chubiona cubana Roewer, 1951: 445, replacement name for *C. albicans* Franganillo, 1930;

Chubionoides cubana: Brescovit & Bonaldo, 1992: 690.

Elaver depuncta O. Pickard-Cambridge, 1898, **nomen revalidatum!**

Elaver depuncta O. Pickard-Cambridge, 1898: 240, pl.30, fig. 10, ♀ from Orizaba, Mexico;

Chubiona depuncta: F.O. Pickard-Cambridge, 1900: 89, pl. 6, figs. 24-25;

Chubionoides depuncta: Brescovit & Bonaldo, 1992: 691.

Elaver dorothea (Gertsch, 1935), **comb.n.!**

Chubiona dorothea Gertsch, 1935: 12, fig. 25, ♀ from Edinburg, Texas, United States;

Chubionoides dorothea: Edwards, 1958: 381, figs.22, 34-36, 208.

Elaver elaver (Bryant, 1940), **comb.n.!**

Chubiona elaver Bryant, 1940: 423-424, fig. 208, ♀ from Pico Turquino, Cuba;

Chubionoides elaver: Brescovit & Bonaldo, 1992: 691.

Elaver excepta (L. Koch, 1866), **comb.n.!**

Chubiona pallens Hentz, 1847: 449, pr. 23, fig. 13, ♂ & ♀ from Baltimore, Maryland, United States (preoccupied by *C. pallens* Hahn, 1834);

Chubiona excepta L. Koch, 1866: 300-301, Taf. 12, fig. 191, replacement name for *C. pallens* Hentz, 1847;

Chubionoides excepta: Edwards, 1958: 377, figs. 19, 31-33, 211.

Elaver exempta (Gertsch & Davies, 1940), **comb.n.!**

Chubiona exempta Gertsch & Davies, 1940: 16, ♀ from La Buena Ventura, Vera Cruz, Mexico;

Chubionoides exempta: Brescovit & Bonaldo, 1992: 689.

Elaver grandivulvae (Mello-Leitao, 1930), **comb.n.!**

Teudis grandivulvae Mello-Leitao, 1930: 68, figs. 34, 35, ♀ from Cumina River, Oriximina, Para, Brazil;

Teudis grandivulva: Bonnet, 1959: 4367 (invalid amendment);

Chubionoides grandivulva: Brescovit & Bonaldo, 1992: 688.

Elaver hortoni (Chickering, 1937), **comb.n.!**

Chubiona hortoni Chickering, 1937: 14, figs. 57, 73, 74, ♀, from Barro Colorado Island, Panama;

Chubionoides hortoni: Brescovit & Bonaldo, 1992: 691.

Elaver implicata (Gertsch, 1941), **comb.n.!**

Chubiona implicata Gertsch, 1941: 18, fig. 46, ♀ from Kenscoff, Haiti;

Chubiona implica: Roewer, 1954: 511 (lapsus);

Chubionoides implicata: Brescovit & Bonaldo, 1992: 691.

Elaver juana (Bryant, 1940), **comb.n.!**

Clubiona juana Bryant, 1940: 424-25, figs 201, 203, 204, ♂ ♀ from Soledad, Cuba;

Clubionoides juana: Brescovit & Bonaldo, 1992: 691.

Elaver kohlsi (Gertsch & Jellison, 1939), **comb.n.!**

Clubiona kohlsi Gertsch & Jellison, 1939: 10, fig. 3, ♀ from Hamilton, Ravalli Co., Montana, United States;

Clubionoides kohlsi: Edwards, 1958: 379, figs. 21, 37, 209.

Elaver languida (Gertsch, 1941), **comb.n.!**

Clubiona languida Gertsch, 1941: 18, fig. 48, ♀ from Costa Rica;

Clubionoides languida: Brescovit & Bonaldo, 1992: 691.

Elaver linguata (F.O. Pickard-Cambridge, 1900), **comb.n.!**

Clubiona linguata F.O. Pickard-Cambridge, 1900: 90, pl. 6, fig. 27, ♀ from Guatemala;

Clubionoides linguata: Brescovit & Bonaldo, 1992: 691.

Elaver lutescens (Schmidt, 1971), **comb.n.!**

Josa lutescens Schmidt, 1971: 414, fig. 19, ♀ from Colombia, intercepted in Hamburg, Germany;

Clubionoides lutescens: Brescovit & Bonaldo, 1992: 687, figs. 5-6.

Elaver madera (Roddy, 1966), **comb.n.!**

Clubionoides madera Roddy, 1966: 399, figs. 1-2, ♀ from Madera Canyon, Arizona, United States.

Elaver mulaiki (Gertsch, 1935), **comb.n.!**

Clubiona mulaiki Gertsch, 1935: 11, figs. 22-24, ♀ from 7 mi. E of Edinburg, Texas, United States;

Clubionoides mulaiki: Edwards, 1958: 379, figs. 20, 24-26, 207.

Elaver multinotata (Chickering, 1937), **comb.n.!**

Clubiona multinotata Chickering, 1937: 16, figs. 23, 62, 71, 72, ♂ & ♀ from Barro Colorado Island, Panama.

Clubionoides multinotata: Brescovit & Bonaldo, 1992: 691.

Elaver orvillei (Chickering, 1937), **comb.n.!**

Clubiona orvillei Chickering, 1937: 18, figs. 29, 59, ♀ from Barro Colorado Island, Panama;

Clubionoides orvillei: Brescovit & Bonaldo, 1992: 691.

Elaver placida O. Pickard-Cambridge, 1898, **nomen revalidatum!**

Elaver placida O. Pickard-Cambridge, 1898: 240, pl. 31, fig. 4, ♀ from Teapa, Tabasco, Mexico;

Clubiona placida: F.O. Pickard-Cambridge, 1900: 90;

Clubionoides placida: Brescovit & Bonaldo, 1992: 691.

Elaver portoricensis (Petrunkevitch, 1930), **comb.n.!**

Clubiona portoricensis Petrunkevitch, 1930: 55, figs. 49-51, ♂ & ♀ from Barros, Mayaquez, Aibonito and El Yunque, Porto Rico;

Clubionoides portoricensis: Brescovit & Bonaldo, 1992: 691.

Elaver quadrata (Kraus, 1955), **comb.n.!**

Clubiona quadrata Kraus, 1955: 42-43, pl. 6, fig. 104, ♀ from Institut, San Salvador, El Salvador;

Clubionoides quadrata: Brescovit & Bonaldo, 1992: 691.

Elaver richardi (Gertsch, 1941), **comb.n.!**

Clubiona richardi Gertsch, 1941: 17-18, fig. 52, ♂ from Lake Atitlan, Honduras;

Clubionoides richardi: Brescovit & Bonaldo, 1992: 691.

Elaver sericea O. Pickard-Cambridge, 1898, **nomen revalidatum!**

Elaver sericea O. Pickard-Cambridge, 1898: 239, ♀ from Teapa, Tabasco, Mexico;

Clubiona sericea F.O. Pickard-Cambridge, 1900: 89, pl. 6, fig. 23;

Clubionoides sericea: Edwards, 1958: 380; Brescovit & Bonaldo, 1992: 691.

Elaver sigillata (Petrunkevitch, 1925), **comb.n.!**

Clubiona sigillata Petrunkevitch, 1925: 139-142, figs. 62-64, ♂ & ♀ from "Wilcox camp on San Lorenzo River", Panama;

Clubionoides sigillata: Brescovit & Bonaldo, 1992: 691.

Elaver silvatica (Chickering, 1937), **comb.n.!**

Clubiona silvatica Chickering, 1937: 20-21, figs. 12, 15, ♀ from Barro Colorado Island, Panama.

Elaver simplex (O. Pickard-Cambridge, 1896), **comb.n.!**

Clubiona simplex O. Pickard-Cambridge, 1896: 195, ♂ from Izabal, Guatemala;

Clubionoides simplex: Brescovit & Bonaldo, 1992: 691.

Elaver tenuis (Franganillo, 1935), **comb.n.!**

Clubiona tenuis Franganillo, 1935: 47, ♀ from Cordillera de Los Organos, Cuba;

Clubionoides tenuis: Brescovit & Bonaldo, 1992: 691.

Elaver texana (Gertsch, 1933), **comb.n.!**

Clubiona texana Gertsch, 1933: 7, fig. 16, ♀ from Brownsville, Texas, United States;

Clubionoides texana: Edwards, 1958: 380, figs. 23, 27-30, 210.

Elaver tigrinella (Roewer, 1951), **comb.n.!**

Elaver tigrina O. Pickard-Cambridge, 1898: 238, pl. 30, figs. 6-7, ♂ & ♀ from Orizaba, Mexico.

Clubiona tigrina: F.O. Pickard-Cambridge, 1900: 88-89, preoccupied in *Clubiona* by *C. tigrina* Walckenaer, 1841 = *Coelotes atrops* (Walckenaer, 1825). Nomen oblitum according to ICZN Article 59b.

Clubiona tigrinella Roewer, 1951: 445, replacement name for *C. tigrina* (O. Pickard-Cambridge, 1898).

Clubionoides tigrinella: Edwards, 1958: 379; Brescovit & Bonaldo, 1992: 689.

Elaver tricuspis (F.O. Pickard-Cambridge, 1900), **comb.n.!**

Clubiona tricuspis F.O. Pickard-Cambridge, 1900: 90, pl. 6, fig. 26, ♂ from Guatemala;

Clubionoides tricuspis: Brescovit & Bonaldo, 1992: 691.

Elaver tristani (Banks, 1909), **comb.n.!**

Clubiona tristani Banks, 1909: 198, fig. 5, ♂ from Tablago, Costa Rica;

Clubionoides tristani: Brescovit & Bonaldo, 1992: 691.

Elaver tumivulva (Banks, 1909), **comb.n.!**

Clubiona tumivouba Banks, 1909: 199, fig. 19, ♀ from Hatillo, Costa Rica;

Clubionoides tumivouba: Brescovit & Bonaldo, 1992: 691.

Elaver valvula (F.O. Pickard-Cambridge, 1900), **comb.n.!**

Aysha valvula F.O. Pickard-Cambridge, 1900: 99, pl. 7, fig.20, ♀ from Bugaba, Chiriqui, Panama;

Clubionoides valvula: Brescovit & Bonaldo, 1992: 689, figs. 8-9.

Elaver vulnerata (Kraus, 1955), **comb.n.!**

Clubiona vulnerata Kraus, 1955: 41-42, pl. 6, fig. 103, ♀ from Finca San Jorge, Santa Ana Depto, El Salvador;

Clubionoides vulnerata: Brescovit & Bonaldo, 1992: 691.

Elaver wheeleri (Roewer, 1933), **comb.n.!**

Clubiona wheeleri Roewer, 1933: 187-188, figs. 4a,b, ♀ from Veracruz, Mirador, Mexico;

Clubionoides wheeleri: Brescovit & Bonaldo, 1992: 691.

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