

## On several family group names and a senior authorship in two spider families (Arachnida: Aranei)

### О нескольких названиях группы семейства и старшем авторстве двух семейств пауков (Arachnida: Aranei)

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КЛЮЧЕВЫЕ СЛОВА: Araneae, уточнение авторства, Clubionidae, Hersiliidae, Katadysidae, Miturgidae, Zoridae.

ABSTRACT. The senior authorship of two families Clubionidae Wagner, 1887 and Hersiliidae Thorell, 1869 are actually belongs to Simon 1878 and 1864 respectively. Two neglected family group names Katadysidae Thorell, 1869 and Anadiasthothelinae Kishida, 1923 are commented.

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РЕЗЮМЕ. Уточнено авторство двух семейств пауков: Clubionidae Wagner, 1887 и Hersiliidae Thorell, 1869. Первым оба семейства описал Simon в 1878 и 1864 г., соответственно. Даны примечания к двум забытым названиям группы семейства Katadysidae Thorell, 1869 и Anadiasthothelinae Kishida, 1923.

### Introduction

In older and even recent arachnological publications, it was not customary to indicate who the author of the family was. For example, the authorship and year of publication of family names are not given in the catalogues published by Reimoser [1919], Charitonov [1928], and Roewer [1955]. These three catalogues also listed subfamilies, but again without authorship information. Later catalogues, e.g. Brignoli [1983], Platnick [1993], also give no indication of who and when exactly described the family and do not list subfamilies. In Platnick's online catalogue [Platnick, 2000–2014], the situation changed: all family names had authorship and the year of publication is given. At present, in the WSC [2023] it is easy to find out who

described each family, and yet it is impossible to obtain the existing names of family groups or subgenera. A list of taxa from suborder to subspecies can be found in Bonnet's catalogue [Bonnet, 1955–1959], but only for the taxa described prior to 1940. Unlike Roewer, Bonnet listed all synonyms in family and genera group names. When working with the Bonnet catalogue, one can find many names that could be valid but are unknown to most arachnologists. It is also worth noting that the Roewer and Bonnet catalogues were written and published before 1961, when the first International Code of Zoological Nomenclature (ICZN) was issued and the principle of coordination (Articles 36 and 43) was introduced. Until 1961, the priority was given to the higher ranking taxon. For example, Bonnet [1957] listed Herseliens Simon, 1864 among the synonyms of Hersiliidae Thorell, 1869. There are several similar cases.

Although Bonnet's catalogue is extremely detailed and remarkably error-free compared to Roewer's catalogue, it is missing several taxa. The purpose of this short publication is to indicate the first author of Clubionidae and Hersiliidae and to comment on several family group names that are either unknown to spider taxonomists or misinterpreted.

### Taxonomy

#### Clubionidae Simon, 1878

Clubioninae Simon, 1878: 208 (name and reference are missing in Bonnet [1956]).

Clubionidae Wagner, 1887: 104.

COMMENTS. WSC [2023] and all other arachno-taxonomic publications dealing with this family refer to Wagner as the author of the family, although Simon [1878] was the first to recognise this taxon as a subfamily of Drassidae.

### Hersiliidae Simon, 1864

Herseliens Simon, 1864: 342.

Hersilioidae Thorell, 1869: 42, 114.

COMMENTS. Thorell [1869: 114] was aware of the name Herseliens Simon, 1864, based on “*Herselia Savigny*” (a misspelling of *Hersilia*), and cited it. It is likely that Bonnet [1957] attributed the family name to Thorell because the ‘principle of coordination’ was not yet introduced to the rules of zoosystematics in the 50th.

### Liphistiidae Thorell, 1869

Anadiasthothelinae Kishida, 1923: 242.

COMMENTS. Anadiasthothelinae is a family group name missing in catalogues. Kishida [1923] described *Heptatela* and divided family into two subfamilies *Liphistiinae* and *Anadiasthothelinae* (for the monotypic genus *Anadiasthothele thorelli* Simon, 1903) based on the structure of spinnerets. Bristowe [1933] synonymized the type species *A. thorelli* with *Liphistius sumatranus* Thorell, 1890.

### Katadysidae case

Thorell [1869] described the family for *Katadysas* Hentz, 1850 based on the unusual characters provided by Hentz [1850]: *This has all the essential characters of Mygale, but one, (having but two pulmonare orifices) and yet it is obviously related to Lycosa near which it should be placed in a natural arrangement.* Simon [1897] synonymized *Katadysas* with *Zora* C.L. Koch, 1848 with a question mark but did not comment on the Katadysidae. *Zora* is the type genus of Zoridae F.O. Pickard-Cambridge, 1893. The family Zoridae was recently [Ramírez, 2014] synonymized with Miturgidae Simon, 1886. As far as I understand article 23.9 of the ICZN [1999], Katadysidae can be considered as a not valid name and no nomenclatorial changes are required.

Katadysidae Thorell, 1869: 43 (type species *Katadysas pumilus* Hentz, 1850 (= *Zora pumila* (Hentz, 1850), *Catadysus* is an unjustified emendation, per WSC [2023]).

Miturgini Simon, 1886: 373.

Zorinae F.O. Pickard-Cambridge, 1893: 132.

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