

**NECESSARY CHANGES OF NAMES IN HYDRACHNELLAE  
(ARACHNIDA: ACARI)**

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[**Özdikmen, H.** 2006. Necessary changes of names in Hydrachnellae (Arachnida: Acari).  
Munis Entomology & Zoology, 1 (1): 5154]

ABSTRACT: A junior homonym was detected amongst the Acari, and *Acerbitas* is proposed as a replacement name for *Thyas* Koch, 1835 (Hydrachnellae: Hydryphantidae: Thyadinae). Accordingly, new combinations are proposed for all valid species currently included in the genus *Thyas*. The subfamily name Thyadinae [=Thyasinae] Viets, 1926 is corrected to Euthyasinae Viets, 1931 (Hydryphantidae).

KEYWORDS: *Acerbitas*, *Thyas*, Euthyasinae, Thyasinae, Hydryphantidae, homonymy, replacement names.

**Order Hydrachnellae  
Family Hydryphantidae  
Subfamily Euthyasinae substitute name  
Genus Acerbitas nom. nov., substitute name**

The genus *Thyas* was described by Hübner, 1824 with the type species *Thyas honesta* Hübner, 1824 by monotypy in Lepidoptera (Noctuoidea: Noctuidae: Catocalinae) from East India. It is a valid generic name in Lepidoptera and is in widespread use (Poole, 1989). Poole (1989) included 20 species in the genus *Thyas*. Subsequently the genus *Thyas* was proposed by Koch, 1835 with the type species *Thyas venusta* Koch, 1835 by original designation in Acari (Hydrachnellae: Thyasinae). At the moment, it is still used as a valid generic name in Acari as the type genus of the subfamily Thyasinae Viets, 1926 (Özkan & Erman, 1999). Both *Thyas* Hübner, 1824 (Lepidoptera) and *Thyas* Koch, 1835 (Arachnida) are recorded in Nomenclator Zoologicus vol. 4: 483 by Neave. However, the name *Thyas* Koch, 1835 is invalid under the law of homonymy, being a junior homonym of *Thyas* Hübner, 1824. Under the Zoological Code (ICZN, 1999) it must be rejected and replaced. In accordance with article 60 of the International Code of Zoological Nomenclature, fourth edition (1999), I propose to substitute the junior homonym *Thyas* Koch, 1835 for the nomen novum *Acerbitas*. As a result of this action, *Thyas* Koch, 1835 is replaced with *Acerbitas* **nom. nov.** The following new combination is *Acerbitas venusta* (Koch, 1835), **comb. nov.**, along with other new combinations for all valid species currently included in *Thyas* (Acari: Hydrachnellae).

In addition to this, I propose herein the replacement name Euthyasinae Viets, 1931 for the subfamily name Thyasinae because its

type genus *Thyas* Koch, 1835 is invalid and the type genus of a family-group name must be valid.

### SYSTEMATIC ACCOUNTS

Ordo Hydrachnellae

Family Hydryphantidae

Subfamily Thyasinae Viets, 1931 **replacement name**

For Thyasinae Viets, 1926

Type genus: *Acerbitas* **nom. nov.** (= *Thyas* Koch, 1835)

Genus *Acerbitas* **new replacement name**

For *Thyas* Koch, 1835, junior homonym of *Thyas* Hübner, 1824.

Type species: *Thyas venusta* Koch, 1835 by original designation.

Gender: Feminine.

Distribution: in spring waters and marshes of Holarctic Region.

All valid species currently included in the genus *Thyas* (Acari: Hydrachnellae: Hydryphantidae) as follows;

Subfamily Thyadinae Viets, 1926

Genus *Thyas* C.L.Koch, 1835

[= *Urothyas* Thor, 1929] [hypothetical, therefore not available]

Subgenus *Thyas* C.L.Koch, 1835

Species *Thyas barbiger* Viets, 1908 [Redescription, Biesiadka & Cichocka 1990]

[= *Thyas pauciseta* Migot, 1926] [as subspecies of *barbiger*]

Species *Thyas bruzzelli* Lundblad, 1926 [Redescription, Biesiadka & Cichocka 1990]

Species *Thyas dirempta* Koenike, 1912 [Redescription, Biesiadka & Cichocka 1990]

Subspecies *Thyas dirempta dirempta* Koenike, 1912

[= *rostrata* Lundblad, 1925] [as subspecies of *dirempta*]

Subspecies *Thyas dirempta bucculenta* Lundblad, 1925

Species *Thyas extendens* George, 1901

Species *Thyas ezoensis* Imamura, 1954

Species *Thyas fastus* Tuzovsky, 1980

Species *Thyas incerta* Lundblad, 1942

Species *Thyas langei* Tuzovsky, 1976

Species *Thyas magadanensis* Tuzovsky, 1999

Species *Thyas pachystoma* Koenike, 1914

Subspecies *Thyas pachystoma pachystoma* Koenike, 1914

[= *vietsi* Koenike, 1914]

Subspecies *Thyas pachystoma inepta* Lundblad, 1925

Subspecies *Thyas pachystoma pannonica* Szalay, 1956

Subspecies *Thyas pachystoma paucispina* Viets, 1920

Species *Thyas palustris* Koenike, 1912

Species *Thyas pigmenta* Habeeb, 1973

Species *Thyas pustulosa* Thor, 1901

Species *Thyas stollii* Koenike, 1895

Species *Thyas tobiquensis* Habeeb, 1954 [as form of *stollii*]

Species *Thyas valvata* Thor, 1899

Species *Thyas venusta* C.L. Koch, 1835 [Type-species]

- Subgenus *Todothyas* Cook, 1974  
 Species *Thyas rivalis* Koenike, 1912 [Redesc., Biesiadka & Cichocka 1990] [Type-species]  
 Subspecies *Thyas rivalis rivalis* Koenike, 1912  
 Subspecies *Thyas rivalis colligera* Viets, 1923  
 Subspecies *Thyas rivalis longiscuta* Lundblad, 1927  
 [= *longiscutata* Motas & Tanasachi, 1962]  
 Subspecies *Thyas rivalis musciola* Walter, 1922  
 Subspecies *Thyas rivalis neartica* Habeeb, 1958

### Mandatory new combinations

Family Hydryphantidae

Subfamily Euthyasinae **new replacement name**

Genus *Acerbitas* **new replacement name**

[= *Thyas* C.L. Koch, 1835] **new synonym**

[= *Urothyas* Thor, 1929]

Subgenus *Acerbitas* **new replacement name**

- Species *Acerbitas barbiger* (Viets, 1908) **new comb.** from *Thyas*  
 Species *Acerbitas bruzelli* (Lundblad, 1926) **new comb.** from *Thyas*  
 Species *Acerbitas dirempta* (Koenike, 1912) **new comb.** from *Thyas*  
 Subspecies *Acerbitas dirempta dirempta* (Koenike, 1912) **new comb.** from *Thyas*  
 Subspecies *Acerbitas dirempta bucculenta* (Lundblad, 1925) **new comb.** from *Thyas*  
 Species *Acerbitas extendens* (George, 1901) **new comb.** from *Thyas*  
 Species *Acerbitas ezoensis* (Imamura, 1954) **new comb.** from *Thyas*  
 Species *Acerbitas fastus* (Tuzovsky, 1980) **new comb.** from *Thyas*  
 Species *Acerbitas incerta* (Lundblad, 1942) **new comb.** from *Thyas*  
 Species *Acerbitas langei* (Tuzovsky, 1976) **new comb.** from *Thyas*  
 Species *Acerbitas magadanensis* (Tuzovsky, 1999) **new comb.** from *Thyas*  
 Species *Acerbitas pachystoma* (Koenike, 1914) **new comb.** from *Thyas*  
 Subspecies *Acerbitas pachystoma pachystoma* (Koenike, 1914) **new comb.** from *Thyas*  
 Subspecies *Acerbitas pachystoma inepta* (Lundblad, 1925) **new comb.** from *Thyas*  
 Subspecies *Acerbitas pachystoma pannonica* (Szalay, 1956) **new comb.** from *Thyas*  
 Subspecies *Acerbitas pachystoma paucispina* (Viets, 1920) **new comb.** from *Thyas*  
 Species *Acerbitas palustris* (Koenike, 1912) **new comb.** from *Thyas*  
 Species *Acerbitas pigmenta* (Habeeb, 1973) **new comb.** from *Thyas*  
 Species *Acerbitas pustulosa* (Thor, 1901) **new comb.** from *Thyas*  
 Species *Acerbitas stollii* (Koenike, 1895) **new comb.** from *Thyas*  
 Species *Acerbitas tobiquensis* (Habeeb, 1954) **new comb.** from *Thyas*  
 Species *Acerbitas valvata* (Thor, 1899) **new comb.** from *Thyas*  
 Type Species *Acerbitas venusta* (C.L. Koch, 1835) **new comb.** from *Thyas*

Subgenus *Todothyas* Cook, 1974

- Type Species *Acerbitas rivalis* (Koenike, 1912) **new comb.** from *Thyas*  
 Subspecies *Acerbitas rivalis rivalis* (Koenike, 1912) **new comb.** from *Thyas*  
 Subspecies *Acerbitas rivalis colligera* (Viets, 1923) **new comb.** from *Thyas*  
 Subspecies *Acerbitas rivalis longiscuta* (Lundblad, 1927) **new comb.** from *Thyas*  
 Subspecies *Acerbitas rivalis musciola* (Walter, 1922) **new comb.** from *Thyas*  
 Subspecies *Acerbitas rivalis neartica* (Habeeb, 1958) **new comb.** from *Thyas*

### ACKNOWLEDGEMENTS

I am grateful to Dr. Bruce Halliday (Australia) for his valuable comments and contributions.

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[Received June 2005. Accepted September 2005]