

جنسها و گونه‌های خانواده Tydeidae در جهان

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خانواده Tydeidae از نظر رده‌بندی - بیولوژی - اکولوژی - رفتارشناسی - همبستگی و وابستگی با گیاهان، کنه‌ها و جانوران دیگر از پیچیده‌ترین خانواده‌های کنه‌ها است.

سابقه آنها و ذکر اولین گونه در سال ۱۷۶۴ و با معرفی *croceus* توسط لینه Linné شروع شد و او همین کنه را در کتاب "طبقه‌بندی طبیعی" خود *Acarus salicinae rosae* نامید. در سال ۱۸۳۵، Koch در آلمان جنس Tydeus را برای دو گونه *T. velox* و *T. croceus* به وجود آورد و سپس در مدت سه سال، یازده گونه دیگر به این جنس افزود.

Berlese در سال ۱۸۸۳ یک گونه و Canestrini در سال ۱۸۸۶ در ایتالیا چهار گونه به تعداد قبلی افزودند و Canestrini جنس *Pronematus* را معرفی کرد. Ashmead در سال ۱۸۷۹ و Moniez در سال ۱۸۹۴ گونه‌های *gloveri* و *molestus* را در آمریکا و بلژیک به جمع گونه‌ها اضافه کردند و Kramer در سال ۱۸۷۷ خانواده Tydeidae را به وجود آورد و تمام اطلاعات در قرن نوزدهم به همین بسنده گردید.

در نیمه اول قرن بیستم بزرگانی چون Grandjean، Berlese، Oudemans و Thor با پژوهشهای مهم و اصولی خود و افزودن یازده جنس و چندین گونه قسمتی از مشکلاتی را که در مورد رده‌بندی وجود داشت از سر راه پژوهشگران برداشتند و راه تحقیق را هموارتر کردند.

در نیمه دوم قرن بیستم تا سال ۱۹۷۹، Baker در آمریکا و Kuznetzov و Livshitz در روسیه شوروی فعالیت‌های چشم‌گیری انجام دادند و مخصوصاً Baker با امکانات وسیع و نمونه‌های زیادی که از سراسر آمریکا - مکزیک - برزیل و آفریقا به دست آورده بود شش جنس و چندین گونه جدید را به منابع جهانی معرفی کرد.

André از سال ۱۹۷۹ شروع به نوشتن سلسله مقالاتی به عنوان "بازبینی جنسهای

خانواده Tydeidae "کرد و سپس در سال ۱۹۸۰ سیستم رده‌بندی خود را به وجود آورد. او در این رده‌بندی تعدادی از جنسهای مشخص شده و جاافتاده و معتبر قبلی را به عنوان سینونیم (synonym) برای جنسهائی که تازه به وجود آورده بود، قرار داد ولی نه می‌توانست تمام گونه‌های موجود را در رده‌بندی خود، در جنسهای به وجود آورده بگنجانند و نه این کار را کرد. بدیهی است که رده‌بندی آندره نمی‌توانست مورد تأیید تمام کسانی که با این خانواده سروکار داشتند، قرار گیرد. مشخص‌ترین صاحب نظر Kazmierski است که از سال ۱۹۷۰ بر روی این خانواده کار می‌کند. او به حق به جنسهای جاافتاده و معتبر قبلی اعتبار مجدد بخشید و تعدادی از جنسهای را که آندره و یا دیگران، براساس رده‌بندی آندره، به وجود آورده بودند سینونیم جنسهای معتبر قبلی قلمداد کرد. Kazmierski پس از ۲۶ سال پژوهش پی گیر و داشتن نمونه‌های بسیار زیاد مجموعه‌ای با عنوان A Revision of the family Tydeidae را تهیه کرده و در آینده‌ای نزدیک، شاید تا اوایل ۱۹۹۷، آن را عرضه و رده‌بندی آندره را تکمیل خواهد کرد. آنچه مسلم است او نیز نخواهد توانست تمام گونه‌هایی را که تاکنون معرفی شده‌اند در رده‌بندی خود بگنجانند و این وظیفه دیگر پژوهشگران است که بتدریج و بادر دست داشتن لیست گونه‌ها و دسترسی به منابع، به این مهم مبادرت ورزند.

گونه‌های خانواده Tydeidae در تمام جهان انتشار دارند و حتی آنها را در قطب جنوب جمع‌آوری کرده‌اند. جانوران کوچکی به اندازه ۰/۲۵ تا ۰/۵ میلیمتر هستند که در حالت‌های گیاهخواری - قارچ‌خواری - رفتگری (زباله‌خواری) و شکاری در خزه - در جلبک - در زمین - بر روی بقایای مواد آلی و گیاهی - بر روی ریشه‌های پوسیده و نیمه پوسیده - بر روی پوستک یا زیر پوستک‌ها و پوسته درختان و بر روی برگهای گیاهان و در لانه پرندگان و در انبارهای مواد غذایی زندگی می‌کنند. چند گونه آنها در عضو تیمپانیک پروانه‌ها، و یک گونه همراه با زنبورهای Trigonidae دیده شده و گزارش گردیده است که *Tydeus molestus* به انسان و جانوران خانگی حمله کرده و ناراحتی و التهابات پوستی بوجود می‌آورد.

بطور کلی می‌توان گفت که آگاهی ما در مورد رفتار و روابط این خانواده با گیاهان و سایر عوامل تشکیل دهنده محیط زیست بسیار محدود است و از این رو اهمیت بررسی آنها معلوم می‌گردد. تابادست آوردن اطلاعات بیشتر بتوان از آنها در مبارزه تلفیقی و مدیریت آفات استفاده کرد.

چون کمبود لیست گونه‌های این خانواده محسوس و رفع این تنگنا مورد نظر بود، این

لیست با هدفهای زیر تهیه گردید:

- ۱- لیست زیرخانواده‌ها و تعداد جنسهای متعلق به هر یک
 - ۲- لیست جنسها و گونه‌ها به ترتیب الفبای لاتین
 - ۳- ذکر کامل منابع و مخصوصاً منابع مربوط به معرفی جنسها و گونه‌های جدید
 - ۴- اطلاعاتی که کلیه منابع و یک کاتالوگ کامل و کارت جنسها و گونه‌ها تهیه گردیده و در موزه جانورشناسی دانشگاه هامبورگ نگهداری می‌شود که می‌تواند در صورت تقاضا مورد استفاده پژوهشگران در سراسر جهان قرار گیرد.
- تمام جنسهای که نام برده شده‌اند با نام نامگذار (اوتور)، تاریخ، سی‌نومین، نمونه تیپ و یک شماره در داخل پرانتز تکمیل شده‌اند. این شماره نمایانگر آن است که این جنس متعلق به کدام زیر خانواده است. بطور مثال جنس مشخص شده با عدد II در زیر خانواده Meyerellinae است. بدیهی است که زیر خانواده با شماره از I تا VII مشخص شده‌اند. تمام گونه‌های نامبرده شده با نام نامگذار، تاریخ، نام جنس معتبر، نام جنس یا جنسهای نامعتبر و سی‌نومین تکمیل شده‌اند.
- در جلوی بعضی از این گونه‌ها یک یا دو ستاره دیده می‌شود.
- گونه‌های یک ستاره‌ای گونه‌هایی هستند که در رده‌بندی André از آنها نام برده شده و یا توسط نامگذاران مختلف در این رده‌بندی قرار داده شده‌اند. گونه‌های دو ستاره‌ای آنهایی هستند که نامگذاران آنها با رده‌بندی آندره موافق نیستند و یا هنوز رده‌بندی آندره را ندیده‌اند که بعید به نظر می‌رسد و یا آنرا دیده و نادیده انگاشته‌اند.
- در حال حاضر، گونه‌های معتبر در خانواده Tydeidae به تعداد ۴۱۱ است و از ۱۰ سی‌نومین نیز در لیست نامبرده شده است.

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The world genera and species of the family Tydeidae (Actinedida: Acaridia)

by Hossein Sepasgosarian

Introduction

In 1764 Linné introduced a tydeid mite for the first time in the "Fauna suecia" as *croceus*. He described the same mite in "Systema naturae" as *Acarus salicinae rosae* in 1758.

Koch (1835), 77 years later, established the genus *Tydeus* for two species: *T. velox* and *T. croceus* in 1835. In the following 3 years, Koch (1838) described 11 further species. Berlese (1883) described 1 species, and Canestrini (1886) described 4 species, and the genus *Pronematus*.

Meanwhile Ashmead (1879) had described one mite-species as *Acarus gloveri* in the USA, which is known as *Tydeus gloveri* today.

Moniez (1894) described *Tydeus molestus* in Belgium.

Kramer (1877) created the family Tydeidae.

The above mentioned details are a brief summary of the development of the Tydeidae in the 19th century.

During the first half of the 20th century, several scientists have contributed to this family: Berlese added the description of 6 genera, Thor 4 genera and Oudemans 1 genus, including several related species. Grandjean and other scientists described some species too. Thus it can be stated that these authors paved the road for scientists of the second half of our century.

One of the most known mite specialists, Edward W. Baker, created 6 genera and described many new species in the period of 1943 to 1974. Kuznetzov too described many new species, also in cooperation with Livshitz and other authors.

It can be taken from the list of references that many authors have joined efforts to enlarge the genera and species as well as the biological and ecological knowledge regarding tydeid mites.

In 1979 André started a series of publications called "Generic revision of family Tydeidae". He introduced his principle of systematics of the tydeid family. He established some new genera, however, he ignored some already well known genera such as: *Lorryia* Oudemans, 1925 and *Parlorryia* Baker 1965. Therefore his systematics did not meet the general approval of all authors.

In due course, Kaźmiersky, one of the most active scientists in the tydeid field, started in 1970 with publications on tydeid mites, while rehabilitating the genera *Lorryia* and *Paralorryia*, he recognized as synonyms the genera *Homeotydaeus* André, 1980, *Orthotydeus* André 1980, *Homoiorthydaeus* Schiess, 1981 and some other valid genera from the system of André. In the near future, Kaźmierksy will publish a revision of the family of Tydeidae. It is obvious that all tydeid-experts are eagerly awaiting this publication.

The family Tydeidae is a large complicated family with a world-wide distribution (Krantz 1978), even in the Antarctic (Strandmann 1967). These mites are small, about 0,25- 0,5 mm in size. Their body is weakly or heavily sclerotized or reticulate. They live in moss, lichen, soil, litter, rotten wood, humus, on straw, on trees, under the bark and on the bark of trees, in bird nests and in stored products. Several species are found in the tympanic organ of moths (Treat 1975). One species is a symbiont of trigonid bees in Brazil (Flechtmann & Camargo 1974). It has been reported that *Tydeus molestus* attacks and bites man and domestic animals and causes dermal irritation. Tydeids are reported as plant and fungi feeders, scavengers and predators.

It has been reported and it is known that:

Tydeid mites are common inhabitants of orchards and vineyards all over the world;

Pronematus ubiquitus (Mc Gregor) feed on *Eriophyes ficus* (Baker 1939), *Eotetranychus orientalis* and *Tenuipalpus granati* (Rasmy 1969);

Tydeus kochi feed on *Eotetranychus orientalis* (Rasmy 1969);

Tydeus goetzi feed on *Eriophyes vitis* and *Calepitrimerus vitis* (Schruff 1972);

Several species of *Lorryia* are also predators;

Homeopronematus staerki prey on *Eriophyes vitis* and *Calepitrimerus vitis* (Schruff 1972);

Tydeus mites feed on eriophyid mites on walnut and tomato (Carmona 1970 -a);

Lorryia formosa damage young fruit tissue of citrus.

The species of *Pretriophtydeus* are found with coleopters (Raske 1974) and the species of *Proctotydeus* with noctuids (*Acronicta*, *Apamea*, *Polia*) (Treat 1975);

Pronematus may serve as prey for other predatory mites. For example *Metaseiulus* (*Typhlodromus*) *occidentalis* (Nesbitt), which prey on *Tetranychus pacificus* Mc Gregor (Knop & Hoy 1983-b).

Generally, our knowledge of tydeids, their behaviour, their relationship to plants and environment and their interaction with their habitat, is very limited.

Therefore more investigations and faunistic, biological and ecological studies should be carried out, in order to improve pest control management and integrated control.

As a list of tydeid mites was lacking yet, I decided to prepare this paper, to give the following:

1. A list of the valid subfamilies and the number of genera belonging to them.
2. A list of valid genera and species in alphabetical order.
3. The complete references of their first description.
4. The information that a complete catalogue and all mentioned literature exist at the Zoological Museum of Hamburg University, to provide scientists all over the world with adequate assistance.

Every genus mentioned in this list is accompanied with author's name, date, synonym, type species, and a number in brackets. This number indicates the belonging of the genus to the subfamily. For example: The genus with (II) belongs to the subfamily *Meyerellinae*.

Every species in the list is accompanied by author's name, date, valid genera, invalid genera, and synonyms. Some species have an asterisk: *. This means that this species is mentioned by André in his system and is as such accepted by its author. Some other species have two asterisks: **. This means that the authors are particularly not conform with André's system, or the authors had not yet seen the paper of André's system, or they ignored it.

The number of tydeid species comprises now 413 and 10 synonyms.

The subfamilies of the family Tydeidae, sensu André, 1979 in alphabetical order:

I. Australotydeinae		
<i>Australotydeinae</i>	André, 1979:199	1 genus
II. Meyerellinae		
<i>Meyerellinae</i>	André, 1979:201	2 genera
III. Pretydeinae		
<i>Pretydeinae</i>	André, 1979:201	2 "
IV. Pronematinae		
<i>Pronematinae</i>	André, 1979:201	11 "
V. Triophtydeinae		
<i>Triophtydeinae</i>	André, 1979:202	4 "
VI. Tydaeolinae		
<i>Tydaeolinae</i>	André, 1979:202	12 "
VII. Tydeinae		
<i>Tydeinae</i>	André, 1979:202	16 "

Kaźmierski 1989 added further 3 genera to the subfamily Tydeinae, so the number of genera increased to 51.

The valid genera of Tydeidae

according to André's system (André 1980, 1985, Schiess 1981, El-Bagoury & Abou-Awad 1986, El-Bagoury & Momen 1990, Momen & Sinha 1991 and Momen & Lundqvist 1996) in alphabetical order:

Kaźmierski (1989) is not taken into consideration, as he does not agree with the system of classification of André.

1- *Aesthetydeus*

Aesthetydeus André, 1979:204 (VI)

t.s.: *Tydeus setsukoe* Strandtmann, 1967

Syn.: *Tydeus* (Sensu Strandtmann, 1967) : André 1980:106.

2- *Afrotydeus*

Afrotydeus Baker, 1970:164 (VII)

t.s.: *Tydeus (Afrotydeus) kenyensis* Baker, 1970

Syn.: *Tydeus (Afrotydeus)* Baker, 1970 (in part) : André 1980:106.

t.s.: *Tydeus munsteri* Meyer & Rodrigues : Baker 1970:165.

3- *Apolorryia*

Apolorryia André, 1979:204 (VII)

t.s.: *Lorryia congoensis* Baker, 1968 : André 1980:107

Syn.: *Lorryia* (Baker 1968-b in part) : André 1980:107

t.s.: *Lorryia superba* Oudemans, 1925

4- *Apopronematus*

Apopronematus André, 1979:204 (IV)

t.s.: *Apopronematus bakeri* André, 1980

5- *Apotriophydeus*

Apotriophydeus André, 1979:204 (V)

t.s.: *Tydeus wilkesi* Strandtmann, 1967

Syn.: *Tydeus* (sensu Strandtmann 1967) : André 1980:110

Triophydues (Baker, 1970) : André 1980:110

6- *Australotydeus*

Australotydeus Spain, 1969:23 (I)

t.s.: *Australotydeus kirstenae* Spain, 1969

7- *Coccotydaeolus*

Coccotydaeolus Baker, 1965:113 (VI)

t.s.: *Coccotydaeolus krantzi* Baker, 1965

8- *Eotydeus*

Eotydeus Kuznetzov, 1973: André, 1980:113 (VII)

t.s.: *Tydeus (Eotydeus) mirabilis* Kuznetzov, 1973

Syn.: *Tydeus (Eotydeus)* Kuznetzov, 1973:1578

- 9- ***Homeopronematus***
Homeopronematus André, 1979:204 (IV)
t.s.: *Homeopronematus vidae* André, 1980
- 10- ***Homeotydeus***
Homeotydeus André, 1979:204 (VII)
t.s.: André did not determine the type species.
Syn.: *Lorryia* (Baker 1944-b): André, 1980:116
Paralorryia (Baker 1965, 1968-d in part)
Tydeus (Baker 1970 in part)
- 11- ***Homoiorthytydeus***
Homoiorthytydeus Schiess, 1981:84 (VII)
t.s.: *Homoiorthytydeus quadrisetosus* Schiess, 1981
- 12- ***Idiolorryia***
Idiolorryia André, 1979:204 (VII)
t.s.: *Lorryiamacquillani* Baker, 1969 (VII)
Syn.: *Lorryia* (Baker 1968 in part)
- 13- ***Kranzolorryia***
Kranzolorryia André, 1979:204 (VII)
t.s.: *Lorryian grewia* Baker, 1968
Syn.: *Lorraia* (Baker 1968-b in part)
- 14- ***Lasiotydeus***
Lasiotydaeus Berlese, 1908:15 (VI)
t.s.: *Lasiotydaeus glycyphaginus* Berlese, 1908
t.s.: *Lasiotydeus krantzii* Baker, 1965 : André 1980
- 15- ***Melissotydeus***
Melissotydeus André, 1975:244 (VII)
t.s.: *Melissotydeus macrosolenus* André, 1985
- 16- ***Metalorryia***
Metalorryia André, 1979:204 (VII)
t.s.: *Lorryia armaghensis* Baker, 1968
Syn.: *Lorryia* (Baker 1968-b in part).
- 17- ***Metapronematus***
Metapronematus André, 1979:204 (IV)
t.s.: *Pronematus leucohippeus* Treat, 1970
- 18- ***Metatriophtydeus***
Metatriophtydeus André, 1979:204 (V)
t.s.: *Metatriophtydeus lebruni* André, 1980
Syn.: *Triophtydeus* (Wood 1965)
- 19- ***Metatydaeolus***
Metatydaeolus André, 1979:204 (VI)
t.s.: *Metatydaeolus joannis* André, 1980
- 20- ***Meyerella***
Meyerella Baker, 1968:969 (II)
t.s.: *Tydeus bifurcatus* Baker, 1944
Syn.: *Tydeus* (Baker 1944-c)

- 21- **Microtydeus**
Microtydeus Thor, 1931:101 (VI)
t.s.: *Microtydeus constans* Thor, 1931
- 22- **Naudea**
Naudea Meyer & Rodrigues, 1966:23 (IV)
t.s.: *Naudearichinda* Meyer & Rodrigues, 1966
Syn.: *Pausia* Kuznetzov & Livshitz, 1972: Baker & Delfinado, 1974:38
Naudea Meyer & Rodrigues, 1966 : André 1980:127
- 23- **Neoapolorryia**
Neoapolorryia El-Bagouri & Momem, 1990:25 (VII)
t.s.: *Neoapolorryia aegyptiaca* El-Bagouri & Momen, 1990
- 24- **Neolorryia**
Neolorryia André, 1979:204 (VII)
t.s.: *Lorryia boycei* Baker, 1968
Syn.: *Lorryia* (Baker 1969 in part)
- 25- **Neonaudea**
Neonaudea El-Bagoury & Abou-Awad, 1986:121 (IV)
t.s.: *Neonaudea gossypii* El-Bagoury & Abou-Awad, 1986
- 26- **Oakvillea**
Oakvillea Momen & Sinha, 1991:1249 (VI)
t.s.: *Oakvilleaeglalea* Momen & Sinha, 1991
- 27- **Orthotydeus**
Orthotydeus André, 1979:204 (VII)
t.s.: *Tydeus goetzi* Schruft, 1972
Syn.: *Lorryia* (Marshall 1970)
Tydeus (Schruft 1972)
- 28- **Parapronematus**
Parapronematus Baker, 1965:115 (IV)
t.s.: *Parapronematusacaciae* Baker, 1965
- 29- **Paratriophtydeus**
Paratriophtydeus Baker, 1965:108 (VI)
t.s.: *Tydeus protydeus* Baker, 1943
Syn.: *Tydeus* (Baker 1943)
- 30- **Paratydaeolus**
Paratydaeolus André, 1979:204 (VI)
t.s.: *Paratydaeolus lukoschusi* André, 1980:140
Syn.: *Coccotydeus* (Wood 1965) : André : 1980:140
- 31- **Pausia**
Pausia Kuznetzov & Livshitz, 1972:1738 (IV)
t.s.: *Pausiatauricus* Kuznetzov, 1972
Syn. of *Naudea* Meyer & Rodriguez : Baker & Delfinado 1974:35
Pausia Kuznetzov & Liv., 1972: André 1980:140

- 32- **Perafrotydeus**
Perafrotydeus André, 1979:204 (VII)
 t.s.: *Tydeus meyeræ* Baker, 1970
 Syn.: *Tydeus* (*Afrotydeus*); (Baker 1970 in part)
- 33- **Prelorryia**
Prelorryia André, 1979:204 (III)
 t.s.: *Lorryia indionensis* Baker, 1968
 Syn.: *Lorryia* (Baker 1968-b)
- 34- **Pretriophydeus**
Pretriophydeus André, 1979:204 (V)
 t.s.: *Tydeus tilbrooki* Strandtmann, 1967
 Syn.: *Tydeus* (Strandtmann 1967)
Triophydeus (Baker 1970)
- 35- **Pretydeus**
Pretydeus André, 1979:204 (III)
 t.s.: *Lorryia kevani* Marshall, 1970
 Syn.: *Retetydeus* (Baker 1944-c, 1947)
Lorryia (Baker 1944-b, 1947, 1965, 1968-b,
 1970 in part)
Paralorryia (Baker 1968 in part)
- 36- **Primotydeus**
Primotydeus André, 1979:204 (VI)
 t.s.: *Primotydeus strandmanni* André, 1980
- 37- **Proctotydeus**
Proctotydeus Berlese, 1911:429 (IV)
 t.s.: *Proctotydeus viator* Berlese, 1911
Proctotydeus schistocercae Fain & Evans, 1966 : André
 1980:147
 Syn.: *Pronematus* (Baker & Wharton 1952, Treat 1961)
Pronematus (Treat 1967, 1970)
Oriolella (Baker 1969)
Neotydeolus (Flechtmann & Camargo 1979)
- 38- **Pronecupulatus**
Pronecupulatus Baker, 1944:72 (IV)
 t.s.: *Pronecupulatus anahuacensis* Baker, 1944
- 39- **Pronematulus**
Pronematulus Baker, 1965:117 (IV)
 t.s.: *Pronematulus vandus* Baker, 1965
- 40- **Pronematus**
Pronematus Canestrini, 1886:698
 t.s.: Canestrini 1886 did not determine the type species;
 Baker 1968 and André 1980 did also not determine it.
- 41- **Pseudotriophydeus**
Pseudotriophydeus André, 1979:204 (II)
 t.s.: *Pseudolorryia vegei* André, 1980

42- *Pseudotydeus*

Pseudotydeus Baker & Delfinado, 1974:447 (VI)

t.s.: *Pseudotydeus perplexus* Baker & Delfinado, 1974

43- *Quadrotydeus*

Quadrotydeus Momen & Lundqvist, 1996:5 (VII)

t.s.: *Quadrotydeus sleipneri* Momen & Lundqvist, 1996

44- *Teletriophydeus*

Teletriophydeus André, 1979:204 (V)

t.s.: *Tydeus wadei* Strandtmann, 1967

Syn.: *Tydeus* (Strandtmann 1967)

Paratriophydeus (Baker 1970)

45- *Tydaeolus*

Tadaeolus André, 1980:153

Tydeus (*Tydaeolus*) Berlese, 1910:212 (VI)

t.s.: *Tydaeus* (*Tydaeolus*) *atoma* Berlese, 1910

Syn.: *Tydaeus* (Berlese 1910)

Coccotydeus (Thor, 1931, 1933 ; Baker & Wharton 1952)

46- *Tydeus*

Tydeus Koch, 1836 (1835) (VII)

t.s.: *Tydeus mutabilis* Koch, 1838

Syn.: *Tydeus* (Koch 1835) ; (sensu Baker 1968 in part)

Lorryia (Oudemans 1925) ; (sensu Baker 1968 in part)

Paralorryia (Baker 1965 in part)

Tydulosus (Baker 1965)

Venilia (Kuznetsov 1979)

47- *Tydides*

Tydides Kuznetsov, 1975:1255 (VII)

t.s.: *Tydides ulter* Kuznetsov, 1975

48- *Tyndareus*

Tyndareus Livshitz & Kuznetsov, 1972:1082 (VI)

t.s.: *Tyndareus eloquens* Livshitz, 1972

**New and revised genera, which are not conform with
André's system, sensu Kaźmierski (1989)**

1 - *Lorryia*

Lorryia Oudemans, 1925 New comb., Kaźmierski 1989 : 291
(VII)

t.s.: *Lorryia superba* Oudemans, 1925

syn.: *Lorryia* Oudemans, 1925 sensu Baker - in part
(Oudemans 1925, Thor 1933, Baker 1965
in part, Baker 1968 - in part, Marshall
1970 - in part, and others);

Tydeus Koch, 1835 sensu André (probably Thor
1933 in part, Baker 1965 - in part, Baker
1970 in part, André 1980, and others);

Retetydeus Thor, 1931 (Thor 1931, 1933, and
others);

Raphitydeus Thor, 1933;

Paralorryia Baker, 1965 (Baker 1968 - in part,
and others);

Tydulosus Baker, 1965 (Baker 1965, and
others);

Pertydeus (s. gen.) André & Naudó, 1965
(André & Naudó 1965, Baker 1970);

Eotydeus Kuznetzov, 1973 (Kuznetzov 1973,
and others);

Venilia Kuznetzov, 1979 (Kuznetzov 1979, and
others);

probably *Melanotydeus* Berlese, 1910 (Thor
1933);

probably *Brachytydeus* Thor, 1931 (Thor 1931,
Thor 1933 - in part)

2 - *Paralorryia*

Paralorryia Baker, 1965 new comb., Kaźmierski 1989:292
(VII)

t.s.: *Lorrya cumbrensis* Baker, 1944

syn.: *Paralorryia* Baker, 1965 sensu Baker (Baker 1965,
1968 - in part);

Tydeus Koch, 1835 sensu Baker (Baker 1970 -
in part);

Melanotydaeus Berlese, 1910 (Baker 1943 -
in part, Baker 1944);

Lorryia Oudemans, 1925 (Baker 1944 - in part);

Homeotydeus André, 1980 (André 1980 - in part,
André 1984).

3 - *Pseudolorryia*

Pseudolorryia Kaźmierski, 1989: 292 (VII)

t.s.: *Pseudolorryia edwardbakeri* Kaźmierski, 1989

syn.: *Paralorryia* Baker, 1965 sensu Baker (Baker 1968 - in part, Ueckermann & Smith Meyer 1979 - in part, Kuznetzov & Livshitz 1973 - in part);

Melanotydaeus Berlese, 1910 (Baker 1943 - in part);

Lorryia Oudemans, 1925 sensu Baker

Tydeus Koch, 1835 sensu Baker (Kuznetzov & Livshitz 1973 - in part).

4 - *Tydeus*

Tydeus Koch, 1835 new comb., Kaźmierski, 1989: 292 (VII)

t.s.: *Tydeus kochi* Oudemans, 1928

syn.: *Tydeus* Koch, 1835 sensu Baker (Oudemans 1928, Thor 1933 - in part, Meyer & Ryke 1959 - in part, Meyer & Rodrigues 1966, Baker 1965 - in part, Baker 1970 - in part, Schruft 1972, Kuznetzov & Livshitz 1973 - in part and others).

Brachytydeus Thor, 1931 (Thor 1933 - in part).

Lorryia Oudemans, 1925 sensu Baker (Marshall 1970 - in part, and others).

Orthotydeus André, 1980 (André 1980, Schiess 1981, and others).

Homoiorthydeus Schiess, 1981

The valid species of tydeid family in alphabetical order

aberrans Oudemans, 1932 *Tydeus*

acaciae Baker, 1965 *Parapronematus* *

acutus Berlese, 1910 *Tydeus*

admantiae Panou & Emmanouel, 1955 *

aegyptiaca Rasmy & El-Bagoury, 1980 *Paralorryia*

aegyptiaca El-Bagoury & Momen, 1990 *Neoapolorryia* *

africana Baker, 1965 *Lorryia*

lorryia africanus Baker, 1965:107

lorryia africana : Baker 1968:1002

africanus Baker, 1970 *Tydeus* **

Tydeus (Tydeus) africanus Baker, 1970:172

Tydeus africanus : Kaźmierski 1989:293

- alaskaensis* (Baker, 1965) *Apotriophtydeus* *
- Triophtydeus alaskaensis* Baker, 1965:110
- Apotriophtydeus alaskaensis* : André 1980:110
- albellus* Koch, 1938 *Tydeus*
- albofasciatus* Koch, 1938 *Tydeus*
- albus* Jacot, 1939 *Microtydeus* *
- aliumuchamedovi* Kuznetzov & Sizova, 1978 *Pronematulus* *
- alni* Oudemans, 1929 *Brachytydeus*
- Tydeus alni* Oudemans, 1929:16
- Brachytydeus alni* : Thor 1933:39
- alpinus* Schiess, 1982 *Paratydaeolus* *
- alvearii* Rose, André & Flechtmann, 1985 *Proctotydaeus* *
- alykaenae* Panou & Emmanouel, 1996 *Lorryia* **
- anahuacensis* Baker, 1944 *Pronecupulatus* *
- anconai* (Baker, 1943) *Homeopronematus* *
- Pronematus anconai* Baker, 1943:188
- Homeopronematus anconai* : Knop & Hoy 1983:2
- Syn.: *Homeopronematus vidae* André 1980:113 : Knop & Hoy 1983:2
- ancora* Karg, 1973 *Lorryia*
- ancorarius* Karg, 1975 *Tydeus*
- andreae* (Ueckermann & Meyer, 1979) *Pseudolorryia* *, **
- Paralorryia andreae* Ueckermann & Meyer, 1979:117
- Homeotydeus andreae* : André 1980:117
- Pseudolorryia andreae* : Kaźmierski 1989:292
- antipodus* Womwesley, 1973 *Tydeus*
- argentinensis* Baker, 1968 *Paralorryi*
- argentinensis* Baker, 1970 *Tydeus* (*Tydeus*)
- argutus* Kuznetzov & Petrov, 1979 *Tydeus*
- arkadiensis* Panou & Emmanouel, 1995 *Lorryia* *
- armaghensis* (Baker, 1968) *Metalorryia* *
- Lorryia armaghensis* Baker, 1968:1003
- Metalorryia armaghensis* : André 1980:119
- arthur-bakeri* (Baker, 1944) *Paralorryia* *, **
- Lorryia arthur-bakeri* Baker, 1944:218
- Paralorryia arthur-bakeri* : Baker 1968:987
- Homeotydeus arthur-bakeri* : André 1980:116
- Paralorryia arthur-bakeri* : Kaźmierski 1989:292
- artichokei* El-Bagoury & Momen, 1989 *Tydeus* *
- atomus* Berlese, 1908 *Tydaeolus* *
- Tydeus atomus* Berlese, 1908:14
- Tydeus* (*Tydeolus*) *atomus* : Berlese 1910:213
- Tydaeolus atomus* : Thor 1933:45
- aryeoi* Baker, 1968 *Lorryia*
- australiensis* Baker, 1970 *Tydeus* (*Tydeus*)

- bachewingi*** Baker, 1968 *Pronematus* *
- bacillus*** Berlese, 1910 *Scolotydeus*
- baculiger*** (Berlese, 1910) *Melanotydeus*
Lasiotydaeus (*Melanotydeus*) *simplex* var. *baculiger* Berlese,
 1910:211
Melanotydeus (*Melanotydeus*) *simplex* : Thor 1933:49
Melanotydeus, a genus without s.gen. : Baker 1965:102
- baderi*** Schiess, 1981 *Tydeus*
- bakeri*** (Brickhill, 1958) *Triophtydeus*
Tydeus bakeri Brickhill, 1958:618
Triophtydeus bakeri : Baker 1970:163
- bakeri*** (Wood, 1965) *Coccotydaeolus* *
Coccotydeus bakeri Wood, 1965:665
Coccotydaeolus bakeri : André 1980:111
- bakeri*** André, 1980 *Apopronematus* *
- bakeri*** Zaher & El-Bagoury, 1981 *Paralorryia*
- balocki*** Baker, 1944 *Lorryia* (synonym; see *doddsi*)
- bavaricus*** Oudemans, 1929 *Tydeus*
- bedfordiensis*** (Evans, 1952) *Tydeus* *
Lorryia bedfordiensis Evans, 1952:664
Tydeus bedfordiensis : André 1980:154
- bellus*** Livshitz & Kuznetzov, 1973 *Microtydeus* *
- beltrani*** Baker, 1944 *Microtydeus* *
- benensis*** Baker, 1968 *Lorryia*
- berryi*** Baker, 1968 *Paralorryia*
- bifurcatus*** (Baker, 1944) *Meyerella* *
Tydeus bifurcatus Baker, 1944:74
Meyerrella bifurcatus : Baker:969
- biminiensis*** Baker, 1968 *Pronematus* *
- bipilis*** (André, 1984) *Paralorryia* *, **
Homotydeus bipilis André, 1984:118
Paralorryia bipilis : Kaźmierski 1989:292
- bkaasifrini*** (Bayan, 1986) *Tydeus* *, **
Orthotydeus bkaasifrini Bayan, 1986:312
Tydeus bkaasifrini : Kaźmierski 1989:293
- bohemiensis*** Kaźmiersky, 1989 *Tydeus* **
- boicus*** (Oudemans, 1929) *Brachytydeus*
Tydeus boicus Oudemans, 1929:17
Brachytydeus boicus : Thor 1933:39
- bonatii*** Canestrini, 1886 *Pronematus* *
- boycei*** (Baker, 1968) *Neolorryia* *
Retetydeus boycei Baker, 1944:78
Lorryia boycei : Baker 1968:1004
Neolorryia boycei : André 1980:127

- brachytarsus* Baker, 1946 *Pronematus* *
- brachypalpus* (Baker, 1944) *Melanotydeus* (synonym; see *shawi*)
- brachyporus* Panou & Emmanouel, 1995 *Lorryia* **
- breviculus* Koch, 1938 *Brachytydeus*
Tydeus breviculus Koch, 1838 : H.20, Nr. 11
Brachytydeus breviculus : Thor 1931:104
- brevistylus* Halbert, 1920 *Melanotydeus*
Lasiotydeus (*Melanotydeus*) *brevistylus* Halbert, 190:138
Melanotydeus (*Stylotydeus*) *brevistylus* : Thor 1933:5
Melanotydeus, a genus without s.gen.: Baker 1965:102.
- brusti* Momen & Sinha, 1991:1245 *Tydeus* *
- calabrus* (Castagnoli, 1984) *Tydeus* *, **
Orthotydeus calabrus Castagnoli, 1984:312
Tydeus calabrus : Kaźmierski 1989:293
- californicus* (Banks, 1904) *Tydeus* *, **
Tetranychoides californicus Banks, 1904:54
Tydeus californicus : Baker & Wharton 1952:192
Tydeus (*Tydeus*) *californicus* : Baker 1970:174
Orthotydeus californicus : Castagnoli 1984:311
Tydeus californicus : Kaźmierski 1989:293
- canadensis* Momen & Sinha, 1991 *Paratydaeolus* *
- caputoperio* Momen & Lundqvist, 1995 *Tydeus* *
- carya* (Baker, 1968) *Tydeus* *
Paralorryia carya Baker, 1968:1105
Tydeus carya : Schiess 1981:96
- catenulata* (Thor, 1931) *Tydeus* **, *
Retetydeus catenulata Thor, 1931:91
Lorryiacatenulata : Baker 1968:1001 ; Kaźmierski 1989:291
Tydeus catenulata : Momen & Lundqvist 1955:54
- caudata* (Kuznetsov, 1979) *Lorryia* **
Venilia caudata Kuznetsov, 1979:1413
Lorryia caudata : Kaźmierski 1989:291
- caudatus* (Dugès, 1834) *Tydeus* *, **
Tetranychus caudatus Dugès, 1838:29
Brachytadeus caudatus : Thor 1933:38
Tydeus (*Tydeus*) *caudatus* : Baker 1970:173
Orthotydeus caudatus : Castagnoli 1984:309
Tydeus caudatus : Kaźmierski 1989:293
Syn.: *croceus* Oudemans, 1914 : Thor 1933:38 ; Baker 1970:173
spathulatus Oudemans, 1928 : Thor 1933:38
- cavernarus* Kuznetsov & Livshitz, 1979 *Tydeus*
- celer* (Hermann, 1804) *Triophtydeus*
Trombidium celer Hermann, 1804
Triophtydeus celer : Baker 1970:163

- celeripes* Koch, 1838 *Tydeus*
celticus Evans, 1954 *Triophtydeus*
celtides Ueckermann & Meyer, 1979 *Paralorryia*
chapultepecensis (Baker, 1943) *Pseudolorryia* *, **
 Melanotydeus chapultepecensis Baker, 1943:185
 Paralorryia chapultepecensis : Baker, 1968:1105
 Tydeus chapultepecensis : Schiess 1981:96 (not *chapultepecensis*)
 Pseudolorryia chapultepecensis : Kaźmierski 1989:292
chiapensis Baker, 1947 *Lorryia*
chilensis Baker, 1970 *Tydeus* **
 Tydeus (Tydeus) chilensis Baker, 1970:176
 Tydeus chilensis : Kaźmierski 1989:293
citri Tucker, 1926 *Tydeus*
citri Salviejo, 1969 *Parapronematus* *
claviger (Oudemans, 1928) *Coccotydeus*
 Tydeus claviger Oudemans, 1928:381
 Coccotydeus claviger : Thor, 1933:44
coccophagus (Ewing, 1911) *Triophtydeus*
 Tydeus coccophagus Ewing, 1911:38
 Triophtydeus coccophagus : Baker 1970:163
coineaui André, 1980 *Paratriophtydeus* *
collicupatus Schiess, 1981 *Tydeus* *
collyerae Baker, 1968 *Lorryia*
commutabilis Oudemans, 1929 *Brachytydeus*
 nov.nom. of *Tydeus mutabilis* Koch, 1938:H.20,
 Nr.9 (not Nr.9/10)
 Tydeus commutabilis Oudemans, 1929:427
 Brachytydeus commutabilis : Thor 1933:38
concinna (Oudemans, 1929) *Paralorryia*
 Tydeus concinna Oudemans, 1929:427
 Lorryia concinna : Oudemans 1929:481
 Lorryia (Lorryia) concinna : Thor 1933:56
 Paralorryia concinna : Baker 1968:1099
congoensis (Baker, 1968) *Apolorryia* *
 Lorryia congoensis Baker, 1968:1044
 Apolorryia congoensis : André 1980:107
constans Thor, 1931 *Microtydeus* *
cooremani Baker, 1968 *Lorryia*
costaricensis Baker, 1970 *Tydeus (Tydeus)*
costensis Baker, 1970 *Tydeus (Tydeus)*
craveni (Wood, 1965) *Metatriophtydeus* *
 Triophtydeus craveni Wood, 1965:670
 Metatriophtydeus craveni : André 1980:119
cristata Karg, 1975 *Lorryia*

- croceus* (Linné, 1758) *Tydeus*
Acarus salicinaerosae Linné, 1758
Tydeus croceus : Oudemans 1928:377
Calotydeus croceus : Oudemans 1937:922
Calotydeus = *Tydeus* : Baker & Wharton, 1952:191
 Syn.: *Tydeus parabolicus* Koch : Oudemans 1928:378
- croceus* Koch, 1836 *Tydeus*
Tydeus croceus Koch, 1836 : H.4, Nr.12
 The old name of *Tydeus kochi* Oudemans, 1928:378
- croceus* Oudemans, 1914 (synonym; see *caudatus*)
- cruciatus* Koch, 1838 *Brachytydeus*
Tydeus cruciatus Koch, 1838: H.20, Nr. 7
Brachytydeus cruciatus : Thor 1931:103
- crucifera* Karg, 1973
Lorryia crucifera Karg, 1973:225
- cumbrensis* (Baker, 1944) *Paralorryia* *, **
Lorryia cumbrensis Baker, 1944:218
Paralorryia cumbrensis : Baker 1965:105
Homeotydues cumbrensis : André 1980:116
Paralorryia cumbrensis : Kaźmierski 1989:292
- curiosa* Ueckermann & Meyer, 1979) *Pretydeus* *
Lorryia curiosa Ueckermann & Meyer, 1979:44
Pretydeus curiosa : André 1980:144
- curtipilus* Baker, 1968 *Pronematus* *
- curtitarsus* Baker, 1968 *Pronematus* *
- curtus* Berlese, 1910 *Tydeus*
- danielssoni* Momen & Lundqvist, 1995 *Tydeus* *
- danutae* Kazmierski, 1978) *Tydeus* *
Lorryia danutae Kaźmierski, 1978:473
Tydeus danutae : Schiess 1981:90
- davisi* Baker, 1968 *Pronematus* *
- delicata* Kuznetzov, 1971 *Lorryia*
- demeyerei* Oudemans, 1929 *Tydeus*
Tydeus demeyerei Oudemans, 1929:478
Tectotydeus demeyerei : Oudemans 1937:922
Tectotydeus = *Tydeus* : Baker & Wharton 1952:191
- devexua* Kuznetzov, 1973 *Tydeus*
- dignus* Livshitz, 1973 *Tydeus* **
- diversus* Kuznetzov, 1973 *Tydeus* **
Tydeus (Tydeus) diversus Kuznetzov, 1973:1579
Tydeus diversus : Kaźmierski 1989:293
- doddsi* Baker (1944) *Pretydues* *
Retetydeus doddsi Baker, 1944:79
Paralorryia doddsi : Baker 1968:987
Pretydeus doddsi : André 1980:143
 Syn.: *Lorryia balocki* : Baker 1947:133

domesticus Thor, 1933 *Tydeus*
dorotya Momen, 1994 *Tydeus* *
duanei Baker, 1946 *Tydeus*
dumosus (Kuznetzov, 1973) *Lorryia* **
Tydulosus dumosus Kuznetzov, 1973:14
Lorryia dumosus : Kaźmierski 1989:291
dyfrigi (Baker, 1944) *Melanotydeus* (synonym; see *shawi*)

echinulata Kuznetzov, 1971 *Lorryia*

edwardbakeri Kaźmierski, 1989 *Pseudolorryia* **
eglalea Momen & Sinha, 1991 *Oakvillea* *
eharai Baker, 1968 *Paralorryia*
electra Kuznetzov, 1973 *Lorryia*
electus Kuznetzov, 1973 *Tydeus* **
elegans Kuznetzov, 1979 *Paratriophtydeus* *
elinguis Kuznetzov, 1973 *Tydeus*
ellipticus Lombardini, 1949 *Tydeus*

cannot be recognized as a Tydeidae : Baker 1970:164

elongatus Baker, 1969 *Pronematus* *
eloquens Livshitz, 1972 *Tyndareus* *
epimekes Panu & Kaźmierski, 1996 *Lorryia* **
erebus (Strandtmann, 1967) *Apotriophtydeus* *
Tydeus erebus Strandtmann, 1967:70
Triophtydeus erebus : Baker 1970:163
Apotriophtydeus erebus : André 1980:110
eriophyes (Meyer & Ryke, 1959) *Paralorryia*
Tydeus eriophyes Meyer & Ryke, 1959:414
Paralorryia eriophyes : Baker 1970:163
evansi (Baker, 1968) *Tydeus* *
Lorryia evansi Baker, 1968:992
Tydeus evansi : Schiess 1981:90
exiguelitteratus Momen & Lundqvist, 1995 *Tydeus* *
expressus (Kuznetzov, 1973) *Paratydaeolus* *
Coccotydaeolus expressus Kuznetzov, 1973:280
Paratydaeolus expressus : André 1980:140

fabae El-Bagoury & Momen, 1988 *Tydeus* *

farbae (Baker, 1968) *Proctotydeus* *
Oriola farbae Baker, 1968:969
Oriolella farbae : Baker 1969:204
Proctotydeus farbae : André 1980:146

fastidius Baker, 1946 *Tridilatydeus*

fenilis (Canestrini, 1886) *Microtydeus* *
Tydeus fenilis Canestrini, 1886:731
Microtydeus fenilis : Thor 1933:41

ferula = *ferulus*

- ferulus* (Baker, 1944) *Tydeus* *
- Lorryia ferulus* Baker, 1944:217
- Paralorryia ferula* : Baker 1968:987
- Tydeus ferulus* : Castagnoli 1984:316
- fibra* Kuznetsov, 1975 *Paralorryia*
- flatus* Livshitz, 1973 *Metatriophtydeus* *
- Triophtydeus flatus* Livshitz, 1973:15
- Metatriophtydeus flatus* : André 1980:120
- fleschneri* Baker, 1968 *Pronematus* *
- floridensis* (Baker, 1968) *Pretydeus* *
- Lorryia floridensis* Baker, 1968:991
- Pretydeus floridensis* : André 1980:144
- foenilis* = *fenilis*
- foliorum* Thor, 1933 *Brachytydeus*
- formosa* (Cooreman, 1958) *Tydeus* *
- Lorryia formosa* Cooreman, 1958:6
- Tydeus formosa* : Schiess 1981:90
- formosa* Livshitz, 1972 *Paralorryia*
- formosa* (André, 1984) *Paralorryia* *,**
- Homotydeus formosa* André, 1984:118
- Paralorryia formosa* : Kaźmierski 1989:292
- fragarius* (Baker, 1944) *Triophtydeus*
- Tridilatydeus fragarius* Baker, 1944:161
- Triophtydeus fragarius* : Kuznetsov & Livshitz 1973:14
- frekei* Momen & Lundqvist, 1996 *Tydeus* *
- frequens* Grandjean, 1938 *Tydaeolus* *
- Coccotydeus frequens* Grandjean, 1938:595
- Tydaeolus frequens* : Baker 1965:113
- fundadorensis* Baker, 1968 *Lorryia*
- funki* Baker, 1968 *Lorryia*
- furcata* Ueckermann & Meyer, 1979 *Paralorryia*
- fustis* Ueckermann, 1988 *Tydeus* *
- galapagosensis*** Fain & Evans, 1965 *Proctotydeus* *
- Proctotydaeus galapagosensis* Fain & Evans, 1965:155 (Fam. Illiceidae)
- Family Tydeidae : André 1980:146:147
- geminus* Meyer & Rodrigues, 1966 *Parapronematus* *
- georgiensis* Baker 1970 *Tydeus* (*Tydeus*)
- gerei* Momen & Lundqvist, 1996 *
- globifer* Thor, 1931 *Coccotydeus*
- globiferus* Baker, 1944 *Tridilatydeus*
- gloveri* (Ashmead, 1879) *Tydeus* **
- Acarus gloveri* (Ashmead, 1879) *Tydeus* (*Tydeus*)
- Tydeus gloveri* : Thor 1933:32
- Tydeus* (*Tydeus*) *gloveri* : Baker 1970:170
- Tydeus gloveri* : Kaźmierski 1989:293

- glycyphaginus* Berlese, 1908 *Lasitydeus* *
goetzi (Schruft, 1972) *Tydeus* *, **
 Tydeus goetzi Schruft, 1972:125
 Orthotydeus goetzi : André 1980:128
 Tydeus goetzi : Kaźmierski 1989:293
gonzalezi Baker, 1968 *Paralorryia*
gossypii El-Bagoury & Abou-Awad, 1986 *Neonauddēa* *
grabouwi Meyer & Ryke, 1959 *Tydeus* *
granulosa (Canestrini, 1886) **
 Tydeus granulatus Canestrini, 1886:729
 Tydulosus granulatus : Baker 1965:103
 Venilia granulatus : Kuznetzov 1979:1414
 Lorryia granulosa : Kaźmierski 1989:291
granulosua = *granulosa*
grewia (Baker, 1968) *Krantzlorryia* *
 Lorryia grewia Baker, 1968:1002
 Krantzlorryia grewia : André 1980:118
grewiae Ueckermann, 1988 *Paralorryia* **

halophilus Willmann, 1952 *Tydeus*
hanseni (Baker, 1946) *Triophtydeus*
haustovi Kuznetzov, 1978 *Paratriophtydeus* *
heterounguis Kuznetzov, 1978 *Reckitydeus*
hirsutus Baker, 1944 *Tridilatatydeus*
hondurensis (Baker, 1968) *Pretydeus* *
 Lorryia hondurensis Baker, 1968:990
 Pretydeus hondurensis : André 1980:143
hughesae Momen & Sinha, 1991 *Tydeus* *
humeralis Berlese, 1910 *Melanotydeus*
 Lasitydaeus (*Melanotydeus*) *humeralis* Berlese, 1910:212
 Melanotydeus humeralis : Baker 1965:103
hyacinthi Oudemans, 1932 *Tydeus*

immanis Kuznetzov, 1973 *Triophtydeus*
inclutus Livshitz, 1973 *Tydeus* **
inconstans Kaźmierski, 1989 *Lorryia* **
incrustedata Kuznetzov, 1972 *Paralorryia*
indonesiensis (Baker, 1968) *Prelorryia* *
 Lorryia indonesiensis Baker, 1968:991
 Prelorryia indonesiensis : André 1980:142
ineditus Kuznetzov, 1974 *Triophtydeus*
inflatus Momen, 1988 *Tydeus* *
innuba Livshitz, 1973 *Paralorryia*
insignita Kuznetzov, 1971 *Lorryia*
insignita Livshitz, 1973 *Paralorryia*

- interrupta* Thor, 1932 *Tydeus*
italica (Oudemans, 1928) *Paralorryia*
Tydeus italicus Oudemans, 1928:379
Brachytydeus italicus : Thor 1933:38
Paralorryia italica : Baker 1968:1098
italicus = *italica*
- jaculus* Kuznetzov, 1973 *Tydeus*
joannis André 1980 *Metatydaeolus* *
- kattai* Momen & El-Bagoury, 1994 *Tydeus* *
kenyensis (Baker, 1970) *Afrotydeus* *
Tydeus (Afrotydeus) kenyensis Baker, 1970:165
Afrotydeus kenyensis : André 1980:106
kevani (Marshall, 1970) *Pretydeus* *
Lorryia kevani Marshall, 1970:46
Pretydeus kevani : André 1980:143
kochi Oudemans, 1928 *Tydeus* *, **
 nov. nom. of *Tydeus croceus* Koch, 1936: H.4, Nr.12
Tydeus kochi Oudemans, 1928:378
Tydeus (Tydeus) kochi : Baker 1970:170
Orthotydeus kochi : Castagnoli 1984:308
 Syn.: *Tydeus popocatepetlensis* : Baker 1947:134
 Tydeus zempoalensis : Baker 1970:170
korsmeiri Baker, 1943 *Tridilatydeus*
krantzi (Baker, 1965) *Lasiotydeus* *
Lasiotydaeus krantzi Baker, 1965:102
Lasiotydeus krantzi : André 1980:118
krantzi Baker, 1965 *Coccotydaeolus* *
kristenae Spain, 1969 *Australotydeus* *
- lagunovi* Kuznetzov, 1978 *Pronematulus* *
lambi Baker, 1970 *Tydeus* **
Tydeus (Tydeus) lambi Baker, 1970:174
Tydeus lambi : Kaźmierski 1989:293
lanceoclaviger (Livshitz, 1973) *Paratydaeolus* *
Coccotydaeolus lanceoclaviger Livshitz, 1973:280
Paratydaeolus lanceoclaviger : André 1980:140
langei Thor, 1934 *Tydeus*
latiuscula (Kuznetzov, 1972) *Tydeus* *
Paralorryia latiuscula Kuznetzov, 1972:30
Tydeus latiuscula : Schiess 1981:96
lebruni André, 1980 *Metatriophtydeus* *
lena Kuznetzov, 1973 *Paralorryia*

- leonorae* (Ueckermann & Meyer, 1979) *Lorryia* **
Paralorryia leonorae Ueckermann & Meyer, 1979:126
Venilia leonorae : Kaźmierski 1980:651
Lorryia leonorae : Kaźmierski 1989:291
leorae (Baker, 1944) *Melanotydeus* (synonym; see *shawii*)
leptonychotes (Womersley, 1937) *Paralorryia*
Lorryia leptonychotes Womersley, 1937:8
Paralorryia leptonychotes : Baker 1968:987
leucohippeus (Treat, 1970) *Metapronematus* *
Pronematus leucohippeus Treat, 1970:5
Metapronematus leucohippeus : André 1980:119
liberta (Livshitz, 1973) *Venilia* **
Paralorryia liberta Livshitz, 1973:1250
Venilia liberta : Kuznetzov 1979:1415
Lorryia liberta : Kaźmierski 1989:291
linarocatus (Schiess, 1981) *Tydeus* *, **
Orthotydeus linarocatus Schiess, 1981:79
Tydeus linarocatus : Kaźmierski : 1989:293
lindquisti (Marshall, 1970) *Tydeus* *, **
Lorryia lindquisti Marshall, 1970:41
Orthotydeus lindquisti : André 1980:128
Tydeus lindquisti : Kaźmierski 1989:293
livshitzii Kuznetzov, 1974 *Paralorryia*
loadmani (Wood, 1965) *Paratydaeolus* *
Coccotydeus loadmani Wood, 1965:663
Paratydaeolus loadmani : André 1980:140
lolitae (Baker, 1965) *Lorryia* **
Tydulosus lolitae Baker, 1965:104
Lorryia lolitae : Kaźmierski 1989:291
longichelus Momen & El-Bagouri, 1989 *Tydeus* *
longina (Kaźmierski, 1980) *Lorryia* **
Venilia longina Kaźmierski, 1980:648
Lorryia longina : Kaźmierski 1989:291
longisetosus Kuznetzov & Zapletina, 1972 *Tydeus* **
longisetosus (El-Bagoury & Momen, 1988) *Tydeus* *, **
Orthotydeus longisetosus El-Bagoury & Momen, 1988:109
Tydeus longisetosus : Kaźmierski 1989:293
longistriatus El-Bagoury & Momen, 1989 *Metatydaeolus* *
longiuscula Kuznetzov, 1972 *Paralorryia*
lukoschusi André, 1980 *Paratydaeolus* *
lundqvisti Momen & Solhoy, 1996 *Tydeus* *
lwiroensis (Baker, 1968) *Pretydeus* *
Lorryia lwiroensis Baker, 1968:989
Pretydues lwiroensis : André 1980:142

- macquillani* Baker, 1968 *Lorryia*
macrosolenus André, 1985 *Melissotydeus* *
maga (Kuznetsov, 1973) *Tydeus* *
 Paralorryia maga Kuznetsov, 1973:604
 Venilia maga : Kuznetsov 1979:1414
 Tydeus maga : Momen & Lundqvist 1955:53
magdalenae Baker, 1968 *Paralorryia*
magdalenae (Gerson, 1968) *Metalorryia* *
 Lorryia magdalenae Gerson, 1968:192
 Metalorryia magdalenae : André 198:119
magdalenae (Baker & Delfinado, 1976) *Pausia* *
 Naudea magdalenae Baker & Delfinado, 1976:38
 Pausia magdalenae : André 1980:140
magnanus Karg, 1975 *Tydeus*
mali (Oudemans, 1929) *Paralorryia*
 Tydeus mali Oudemans, 1929:394
 Lorryia mali : Oudemans 1929:481
 Lorryia (*Lorryia*) *mali* : Thor 1933:50
 Paralorryia mali : Baker 1965:105
mammillaris (Berlese, 1908) *Lorryia*
 Tydeus mammillaris Berlese, 1908:14
 Lasiotydaeus (*Melanotydaeus*) *mammillaris* : Berlese 1910:212
 Retetydeus mammillaris : Thor 1931:91
 Lorryia mammillaris : Baker 1968:995
manitobensis Momen & Sinha, 1991 *Tydeus* *
masoni (Baker, 1968) *Tydeus* *
 Paralorryia masoni Baker, 1968:1106
 Tydeus masoni : Schiess 1981:96
mantiniensis Panou & Emmanouel, 1995 *Lorryia*
marcandrei (Baker, 1968) *Pretydeus* *
 Lorryia marcandrei Baker, 1968:989
 Pretydeus marcandrei : André 1980:114
marci André, 1987 *Idiolorryia* *
marinus Willmann, 1952 *Tydeus*
marshalli André, 1980 *Meyerella* *
martini (Marshall, 1970) *Tydeus* *
 Lorryia martini Marshall, 1970:38
 Tydeus martini : Schiess 1981:102
mattheyi Schiess, 1981 *Tydeus* *
maturus Livshitz, 1973 *Tydeus*
maximus Willmann, 1952 *Tydeus*
mcgregori Baker, 1968 *Pronematus* *
melanchlaenus Koch, 1838 *Tydeus*
mexicana Baker, 1968 *Paralorryia*

- meyerae* Baker, 1970 *Perafrotydeus* *
Tydeus (Afrotydeus) meyeri Baker, 1970:165
Perafrotydeus meyeri : André 1980:142
mildredae (Baker, 1943) *Triophydeus*
ministralis Koch, 1938 *Tydeus*
minuta Kuznetzov, 1971 *Lorryia*
minutus Baker, 1946 *Tridilatydeus*
mirabilis (Kuznetzov, 1973) *Lorryia* *, **
Tydeus (Eotydeus) mirabilis Kuznetzov, 1973:1578
Eotydeus mirabilis : André 1980:113
Lorryia mirabilis : Kaźmierski 1989:296
mississippiensis Baker, 1970 *Tydeus (Tydeus)*,
molestus Moniez, 1894 *Tydeus*
monticola Ueckermann & Meyer, 1979 *Paralorryia*
montrealensis (Marshall, 1970) *Tydeus* *
Lorryia montrealensis Marshall, 1970:18
Tydeus montrealensis : Schiess 1981:102
mumai Baker, 1970 *Tydeus (Tydeus)*
mundus Kuznetzov, 1974 *Triophydeus*
munsteri (Meyer & Ryke, 1959) *Tydeus* *, **
Tydeus munsteri Meyer & Ryke, 1959:413
Tydeus (Afrotydeus) munsteri : Baker 1970:165
Orthotydeus munsteri : André 1980:128
Tydeus munsteri : Kaźmierski 1989:293
mutabilis (Koch, 1838) *Brachytydeus*
Tydeus mutabilis Koch, 1838: H.20, Nr. 10 (Not Nr. 9,10)
Brachytydeus mutabilis : Wood 1933:37
myacanthus Ueckermann, 1988 *Triophydeus* **

nasatus Schiess, 1981 *Tydeus* *
neglectus Kuznetzov, 1972 *Pronematus* *
neolongatus Baker, 1968 *Pronematus* *
nesziyyonensis Gerson, 1968 *Paralorryia*
nicaraguensis Baker, 1970 *Tydeus (Tydeus)*
nikitensis (Livshitz, 1973) *Pseudolorryia* **
Paralorryia nikitensis Livshitz, 1973:604
Pseudolorryia nikitensis : Kaźmierski 1989:292
nuncia Livshitz, 1973 *Paralorryia*
nytebodensis Momen & Lundqvist, 1995 *Tydeus* *

obliqua Kuznetzov, 1973 *Paralorryia*
oblongus (Kuznetzov, 1973) *Proctotydeus* *
Pronematulus oblongus Kuznetzov, 1973:16
Proctotydeus oblongus : André 1980:147
obnoxius Kuznetzov & Zapletina, 1972 *Tydeus*

- octomaculatus* Momen & Lundqvist, 1995 *Tydeus* *
obstinatus Livshitz, 1973 *Tydeus*
ocellata Kuznetsov, 1972 *Paralorryia*
olivaceus (Koch, 1838) *Brachytydeus*
Tydeus olivaceus Koch, 1838 : H.20, Nr. 8
Brachytydeus olivaceus : Thor 1933:37
oophorus Kuznetsov & Sizova, 1978 *Tydeus*
opifera Kuznetsov, 1973 *Paralorryia*
opimus Kuznetsov & Zapletina, 1973 *Tydeus*
opimus Kuznetsov, 1979 *Coccotydaeus* *
oregonensis Baker, 1970 *Tydeus* (*Tydeus*)
oryx Kaźmierski, 1993 *Lorryia* **
ovata (Kuznetsov, 1979) *Lorryia* **
Venilia ovata Kuznetsov, 1979:1413
Lorryia ovata : Kaźmierski 1989:291
ovatus Berlese, 1910 *Tydaeus*
- palpsetosa* Karg, 1975 *Lorryia*
pandana (Baker, 1968) *Neolorryia* *
Lorryia pandana Baker, 1968:1004
Neolorryia pandana : André 1980:172
panitae (Baker, 1968) *Pretydeus* *
Lorryia panitae Baker, 1968:990
Pretydeus panitae : André 1980:144
parabolicus Koch, 1841 *Tydeus* [synonym; see *croceus* (Linné)]
parafibra Momen, 1988 *Tydeus* *
parainflatus Momen & Lundqvist, 1995 *Tydeus* *
paraobliqua Panou & Emmanouel, 1996 *Lorryia* **
paratauricus Momen, 1988 *Tydeus* *
partamonae Rosa & Flechtmann, 1983 *Proctotydaeus* *
penola Usher & Edwards, 1986 *Apotriophthydeus* *
perplexus Baker & Delfinado, 1974 *Pseudotydeus* *
peruviensis Baker, 1968 *Paralorryia*
petua (Livshitz, 1972) *Meyerella* *
pinicolus Oudemans, 1929 *Triophthydeus*
Tydeus pinicolus Oudemans, 1929:428
Triophthydeus pinicolus : Thor 1932:89
pinifera Kuznetsov, 1973 *Paralorryia*
pinigera Kuznetsov, 1973 *Lorryia*
placitus Livshitz, 1973 *Tydeus*
plummeri (Baker, 1943) *Paratriophthydeus* *
Tydeus plummeri Baker, 1943:183
Paratriophthydeus plummeri : Baker 1965:108
plumosus Karg, 1975 *Tydeus*
podocarpa Baker, 1968 *Lorryia*

- polaris* Womersley, 1937 *Lorryia*
Lorryia (Lorryia) polaris Womersley, 1937:8
Lorryia polaris : Baker 1968:992
- polita* (Kuznetsov, 1975) *Tydeus* *
Lorryia polita Kuznetsov, 1975:129
Tydeus polita : Schiess 1981:190
- polozhencevi* Kuznetsov, 1974 *Paratriophtydeus* *
- polimitus* Koch, 1838 *Tydeus*
- pongiana* Ueckermann & Meyer, 1979 *Lorryia*
- popocatepetlensis* Baker, 1943 *Tydeus* (synonym; see *kochi*)
- praeditus* Livshitz & Zapletina, 1972 *Tydeus* **
- praefatus* Kuznetsov & Zapletina, 1973 *Tydeus*
- protydeus* (Baker, 1943) *Paratriophtydeus* *
Tydeus protydeus Baker, 1943:181
Paratriophtydeus protydeus : Baker 1965:109
- pruni* Meyer & Ryke, 1959 *Pronematus* (synonym; see *ubiquitus*)
- pteroni* Ueckermann, 1988 *Pronematulus* *
- pulcher* (Oudemans, 1929) *Lorryia (Lorryia)*
Tydeus pulcher Oudemans, 1929:426
Lorryia pulcher : Oudemans 1929:481
Lorryia (Lorryia) pulcher : Thor 1933:56
- pyrrohippeus* (Traet, 1961) *Proctotydaeus* *
- pronematus pyrrohippeus* Traet, 1961:148
- pronematulus pyrrohippeus* : Traet 1970:2
- proctotydaeus pyrrohippeus* : André 1980:146
- quadrisetosus*** Schiess, 1981 *Tydeus* *, **
Homoiorthytydeus quadrisetosus Shieess, 1981:85
Tydeus quadrisetosus : Kazmierski 1989:293
- rafalskii*** (Kaźmierski, 1980) *Paratydaeolus* *
Coccotydaeolus rafalskii Kaźmierski, 1980:361
Paratydaeolus rafalskii : Schiess 1982:187
- raphignathoides* (Berlese, 1910) *Tydeus* *
Lasiothydaeus (Melanotydaeolus) raphignathoides Berlese, 1910:2
Lorryia (Raphitydeus) raphignathoides : Thor 1933:54
Lorryia raphignathoides : Baker 1968:1000
Tydeus raphignathoides : André 1980:154
- rapidus* Kuznetsov, 1972 *Pronematus* *
- recki* Livshitz, 1973 *Paralorryia*
- rectangulus* (Berlese 1910) *Microtydeus* *
Tydeus rectangulus Berlese, 1910:213
Microtydeus rectangulus : Thor 1933:42
- regia* Kuznetsov, 1973 *Lorryia*

- relhaniae* Ueckermann & Meyer, 1979 *Lorryia*
reticoxus Ueckermann, 1988 *Tydeus* *
reticulata=*reticulatus*
reticulatus Oudemans, 1928 *Tydeus* *
 Tydeus reticulatus Oudemans, 1928:380
 Lorryia reticulata : Oudemans 1929:481
 Lorryia(*Lorryia*)*reticulata* : Thor 1933:55
 Tydeus reticulatus : André 1980:154
rhombicus Berlese, 1910 *Coleotydeus*
rhusi Ueckermann, 1988 *Tydeus* *
ricensis Baker, 1970 *Tydeus* (*Tydeus*)
richinda Meyer & Rodrigues, 1966 *Naudea* *
rimandoi Salviejo, 1969 *Pronematus* *
robustus Baker, 1944 *Tridilatydeus*
robustus Kuznetzov, 1979 *Coccotydaeolus* *
roseus Hull, 1918 *Tydeus*
rostratus Kuznetzov, 1972 *Tyndareus* *
rusticus (Meyer & Rodrigues, 1966) *Proctotydaeus* *
 Pronematulus rusticus Meyer & Rodrigues, 1966:21
 Proctotydaeus rusticus : André 1980:147
rykei Meyer & Rodrigues, 1966 *Pronematus* *

saga Livshitz, 1973 *Paralorryia*
sampsoni (Baker, 1946) *Triophtydeus*
 Tydeus sampsoni Baker, 1946:258
 Triophtydeus sampsoni : Baker 1970:163
sapodilla Baker, 1968 *Paralorryia*
sarekensis Trägårdh, 1910 *Tydeus*
scabriseta Kuznetzov, 1972 *Paralorryia*
schistocercae Fain & Evans, 1966 *Proctotydaeus* *
 Proctotydaeus schistocercae (Fam. Iolinidae) :
 Fain & Evans, 1966:152
 Proctotydaeus belongs to fam. Tydeidae : André 1980:146
schotiae Ueckermann, 1988 *Tydeus*
schusteri (André & Naudo) *Lorryia* **
 Pertydeus schusteri André & Naudo, 1965:674
 Lorryia schusteri : Kaźmierski 1989:291
scopa (Kuznetzov, 1975) *Tydeus* *
 Lorryia scopa Kuznetzov, 1975:127
 Tydeus scopa : Schiess 1981:90
scotia Usher & Edwards, 1986 *Apotriophtydeus* *
setsukoeae (Strandtmann, 1967) *Aesthetys* *
 Tydeus setsukoeae Strandtmann, 1967:68
 Aesthetys setsukoeae : André 1980:106 *
sextoni Baker, 1968 *Pronematus* *

- shawi* (Baker, 1943) *Paralorryia* **
Melanotydaeus shawi Baker, 1953:186
Paralorryia shawi : Kaźmierski 1989:292
 Syn.: *Tydeus brachypalpus* : Baker 1970:167
Tydeus dyfrigi : Baker 1970:167
Tydeus leorae : Baker 1970:167
- sleipneri* Momen & Lundqvist, 1996 *
- sig-thori* Baker, 1944 *Lorryia*
- similis* (Canestrini, 1886) *Microtydeus* *
Tydeus similis Canestrini, 1886:730
Microtydeus similis : Thor, 1933:42
- simplex* (Berlese, 191P) *Melanotydaeus*
Lasiotydaeus (Melanotydaeus) simplex Berlese, 1910:49
Melanotydaeus (Melanotydaeus) simplex : Thor 1933:49
Melanotydaeus simplex : Baker 1965:102
- sinhai* Momen, 1990 *Proctotydeus* *
- sororcula* Kuznetzov, 1975 *Lorryia*
- spathatus* Meyer & Rodrigues, 1966 *Tydeus* **
Tydeus spathatus Meyer & Rodrigues, 1966:22
Tydeus (Tydeus) spathatus : Baker 1970:170
Tydeus spathatus : Kaźmierski 1989:293
- spathulatus* Oudemans, 1928 *Tydeus* (synonym; see *caudatus*)
- sphaeroclaviger* Kuznetzov, 1972 *Tydaeolus* *
- spinea* = *spineus*
- spineus* (Livshitz, 1973) *Pseudolorryia* **
Tydeus spineus Livshitz, 1973:52
Pseudolorryia spinea : Kaźmierski 1989:292
- staerki* (Schruff, 1972) *Homeopronematus* *
Pronematus staerki Schruff, 1972:129
Homeopronematus staerki : André 1980:113
- starri* Baker, 1944 *Tydeus (Tydeus)*
Tydeus starri Baker, 1944:73
Tydeus (Tydeus) starri : Baker 1970:169
- stefani* André, 1987 *Tydeus* *
- stegmeieri* Baker, 1968 *Paralorryia*
- stellata* (Carmona, 1972) *Tydeus* *
Lorryia stellata Carmona, 1972:75
Tydeus stelleta : Schiess 1981:90
- stonei* Baker, 1943 *Tridilatatydeus*
- strandtmanni* André, 1980 *Primotydeus* *
- striata* Baker, 1968 *Paralorryia*
- striatellus* (Koch, 1938) *Tydeus*
Eupodes striatellus Koch, 1838 : H.19, Nr.16
Tydeus striatellus : Oudemans 1928:381

- styliger* Berlese, 1910 *Melanotydaeus* (*Stylotydeus*)
Lasiotydaeus (*Melanotydaeus*) *styliger* Berlese, 1910:212
Melanotydaeus (*Stylotydeus*) *styliger* : Thor 1933:50
subalpinus Thor, 1932 *Tydeus*
subterraneus Oudemans, 1929 *Tydeus*
subterraneus Wood, 1965 *Microtydeus* *
subtilis (Koch, 1938) *Microtydeus* *
Tydeus subtilis Koch, 1838: H. 20, Nr. 5
Microtydeus subtilis : Jacot 1939:326
subularis (Kuznetzov, 1972) *Lorryia* **
Paralorryia subularis Kuznetzov, 1972:33
Lorryia subularis : Kaźmierski 1989:294
subularoides Kaźmierski, 1989 *Lorryia* **
summersi Baker, 1968 *Lorryia*
superba Oudemans, 1925 *Lorryia* **
Lorryia superba Oudemans, 1925:33
Lorryia (*Lorryia*) *superba* : Thor 1933:54
Lorryia superba : Kaźmierski 1989:291
svalbardensis Thor, 1932 *Tydeus*
taiwanensis Baker, 1970 *Tydeus* **
Tydeus (*Tydeus*) *taiwanensis* Baker, 1970:173
Tydeus taiwanensis : Kaźmierski 1989:293
taurica (Kuznetzov, 1971) *Pseudolorryia* **
Lorryia taurica Kuznetzov, 1971:1741
Pseudolorryia taurica : Kaźmierski 1989:292
taurica Kuznetzov, 1972 *Pausia* *
tenuiclaviger (Thor, 1931) *Tydaeolus* *
Coccotydeus tenuiclaviger Thor, 1931:100
Tydaeolus tenuiclaviger : Baker, 1965:113
tenuis Karg, 1992 *Coccotydaeolus* *
tenuisetosus Meyer & Rodrigues, 1966 *Pronematus* *
teresae Carmona, 1970 *Lorryia*
terrestris Karg, 1973 *Lorryia*
terror Usher & Edwards, 1986 *Apotriophthydeus* *
testatus Kuznetzov, 1972 *Pronematus* *
teranemus Canestrini & Fanzago, 1876. *Tydeus* (It is not a tydeid mite; possibly it belongs to the family Ereynetidae).
therapeutikos (Flechtmann & Camarjo, 1979) *Proctotydaeus* *
Neotydeolus therapeutikos Flechtmann & Camarjo, 1979:318
Proctotydaeus therapeutikos : André 1980:146
thori (Oudemans, 1931) *Brachytydeus*
Tydeus thori Oudemans, 1931:293
Brachytydeus thori : Thor 1933:40

- tilbrooki* (Strandtmann, 1967) *Pretriophtydeus* *
Tydeus tilbrooki Strandtmann, 1967:71
Triophtydeus tilbrooki : Baker 1970:163
Pretriophtydeus tilbrooki : André 1980:143
- tiliae* (Oudemans, 1929) *Brachytydeus*
Tydeus tiliae Oudemans, 1929:379
Brachytydeus tiliae : Thor 1933:39
- tiliarum* (Oudemans, 1929) *Triophtydeus*
Tydeus tiliarum Oudemans, 1929:18
Triophtydeus tiliarum : Thor 1933:33
- totensis* Thor, 1932 *Tydeus*
- tragelaphus* Kaźmierski, 1993 *Lorryia* **
- tridactylus* Weis-Fogh, 1948 *Tydeus* *
Tydeus tridactylus Weis-Fogh, 1948:262
Tydeus (Pertydeus) tridactylus : André & Naudo 1965:674
Tydeus tridactylus : André 1980:154
- trilobus* Karg, 1992 *Tydeus* *
- triophthalmus* (Oudemans, 1929) *Triophtydeus*
Tydeus triophthalmus Oudemans, 1929:179
Triophtydeus triophthalmus : Thor 1932:88
- turneri* Baker, 1947 *Coccotydeus*
- turrialbensis* (Baker, 1968) *Tydeus* *
Lorryia turrialbensis Baker, 1968:999
Tydeus turrialbensis : André 1980:154
- turrialbensis* Baker, 1970 *Tydeus (Tydeus)*
- tuttlei* (Baker, 1965) *Tydeus (Pertydeus)*
Tydeus tuttlei Baker, 1965:100
Tydeus (Pertydeus) tuttlei : Baker 1970:165
- tyroglyphinus* Berlese, 1910 *Lasiotydaeus*
tyroglyphinus Berlese, 1910 *Lasiotydeus* : André 1980:118
- ubiquitus* (McGregor, 1932) *Pronematus* *
Tydeus ubiquitus McGregor, 1932:62
Pronematus ubiquitus : Thor 1933:46
Syn.: *Pronematus pruni* : Meyer & Rodrigues 1966:19
- ulter* Kuznetzov, 1975 *Tydeus*
- unigena* Livshitz, 1973 *Paralorryia*
- unguis* Karg, 1975 *Tydeus*
- vandykei* Baker, 1946 *Pronematus* *
- vandus* Baker, 1965 *Pronematus* *
- varsoviensis* (Kaźmierski, 1978) *Tydeus* *
Lorryia varsoviensis Kaźmierski, 1978:785
Tydeus varsoviensis : Schiess 1981:90
- vegei* André, 1980 *Pseudotriophtydeus* *

- velox* Koch, 1835 *Tydeus*
venustula (Berlese, 1910) *Lorryia*
Lasiotydaeus (*Melanotydaeus*) *venustulus* Berlese, 1910:346
Lorryia (*Raphitydeus*) *venustula* : Thor 1933:54
Lorryia venustula : Baker 1968:1004
venustulus = *venustula*
viator Berlese, 1911 *Pronematus* *
Proctotydaeus viator Berlese, 1911:429
Pronematus (*Proctotydeus*) *viator* : Baker & Wharton 1952:192
vidae André, 1980 *Homeopronematus* (synonym; see *anconai*)
 Syn. of *Homeopronematus anconai* : Knop & Hoy 1983:2
vinea Ueckermann & Meyer, 1979 *Paralorryia*
viridis Oudemans, 1929 *Triophtydeus*
Tydeus viridis Oudemans, 1929:480
Triophtydeus viridis : Thor 1933:35
visendus Kuznetzov, 1973 *Tydulosus*
vivipara (Thor, 1931) *Lorryia* *, **
Retetydeus viviparus Thor, 1931:94
Lorryia vivipara : Baker 1968:991
Tydeus viviparus : André 1980:154
Lorryia vivipara : Kaźmierski 1989:291
viviparus = *vivipara*
volaticus Livshitz, 1973 *Lasiotydeus* *
volgini Kuznetzov, 1973 *Tydeus*

wadei (Strandtmann, 1967) *Teletriophtydeus* *
Tydeus wadei Strandtmann, 1967:68
Paratriophtydeus wadei : Baker 1970:163
Teletriophtydeus wadei : André 1980:153
wainsteini Kuznetzov, 1973 *Tydeus*
wilkesi (Strandtmann, 1967) *Apotriophtydeus* *
Tydeus wilkesi Strandtmann, 1967:74
Triophtydeus wilkesi : Baker 1970:163
Apotriophtydeus wilkesi : André 1980:110
womersleyi Thor, 1932 *Tydeus*
wooleyi (Baker, 1968) *Tydeus* *
Paralorryia wooleyi Baker, 1968:1103
Tydeus wooleyi : Schiess 1981:99

xylocopae Oudemans, 1926 *Tydeus*
Tydaeus xylocopae Oudemans, 1926:72
Tydeus xylocopae : Thor 1933:27

zaheri (Baker, 1968) *Lorryia* **

Paralorryia zaheri Baker, 1968:1101

Venilia zaheri : Kuznetsov 1979:1414

Lorryia zaheri : Kaźmierski 1989:291

zaheri Momen, 1993 *Tyndareus* *

zebramontanus Meyer, 1988 *Tydeus*

zempoalensis Baker, 1943 *Tydeus* (synonym; see *kochi*)

S u m m a r y

Tydeids are cosmopolitan mites. They live in moss, soil, stored products, on plants, as scavengers, plant feeders and predators. The earliest tydeid is known since 1746. Nowadays this family comprises 51 genera and 411 species. This paper shows one list of genera and one list of species.

Further investigation of the tydeid family is necessary to improve pest management.

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Accepted: April 1996

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Received for publication 23. Jan. 1997