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An updated classification of the freshwater crayfishes (Decapoda: Astacoidea) of the world, with a complete species list

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ABSTRACT

The freshwater crayfishes are a group of decapod crustaceans that have played a critical role in a diversity of biological studies, from physiology, to ecology, neurobiology, conservation, and evolution. Central to many of these fields of study is the dependence on a robust taxonomic framework for accurate communication relating to species diversity and associated attributes. Despite a huge body of taxonomic work since Linnaeus, there has never been a single, comprehensive taxonomic summary of all the species of crayfish of the world. There has also been an abundance of recent taxonomic work in terms of new species descriptions and taxonomic insights gained from a variety of phylogenetic studies. Here we gather diverse taxonomic and phylogenetic information into a single resource. We develop an updated classification system that includes all the crayfishes worldwide and taxonomic changes to better reflect the current phylogenetic knowledge of the group. We also include all the fossil crayfish taxa for a complete classification of extant and extinct crayfishes. Our classification results in two superfamilies (Astacoidea and Parastacoidea), five families, 38 genera, and 669 species (692 including distinct subspecies). We provide a checklist of all species and include validated taxonomic authorities, type localities, figure references, and synonyms. We also provide arguments for our revised classification. The updated and complete classification aims to provide a robust framework for future studies of the freshwater crayfishes of the world.

Key Words: checklist, crayfishes, phylogeny, taxonomy.

INTRODUCTION

The freshwater crayfishes are a diverse group of decapod crustaceans that have played a central role in biology for over 130 years since being proposed as a model organism (Huxley, 1880). They have served as model organisms in vision research (Wald, 1967), physiology (Furshpan & Potter, 1959; Douglass *et al.*, 1993; McMahon, 2001) and ecology (Stein, 1977). Crayfishes are keystone species in stream communities (Creed, 1994; Momot, 1995; Parkyn *et al.*, 1997) and flagship species for conservation efforts in highly endangered freshwater habitats (Richman *et al.*, 2015). All these research efforts, however, rely on a robust taxonomic underpinning for appropriate comparisons and inferences. There is unfortunately not a single, recent taxonomic summary of the freshwater crayfishes of the world. The closest summary is a checklist of American crayfishes (Hobbs, 1989). While

an exceptional resource for those working in the Americas, this checklist is limited geographically and taxonomically to a subset (albeit a large one) of the world's crayfish diversity. Furthermore, the crayfish taxonomic community has been very active with a large number of species described since 1989 (Fig. 1). A number of important and helpful regional assessments have been published more recently (e.g., Pflieger, 1996; Taylor & Schuster, 2004; Souty-Grosset *et al.*, 2006). While these resources are extremely valuable for local and regional insights into the diversity of crayfishes, there is no single comprehensive resource that brings together all the taxonomic information of the world crayfishes. This is no doubt due to a number of outstanding taxonomic issues and confusions that have developed because of competing taxonomies and updated understanding of evolutionary relationships among the freshwater crayfishes illuminated by a number of recent phylogenetic studies on various groups.

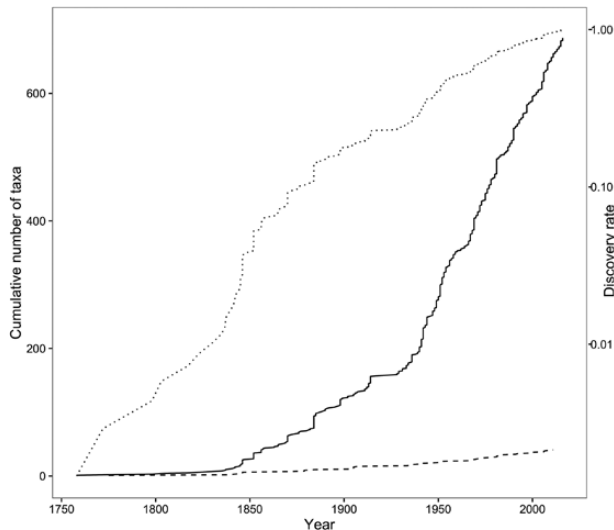


Figure 1. Cumulative number of genera (dashed) and species (solid) described for the freshwater crayfish by year and their discovery rate (dotted) expressed as a fraction of those known to date on a logarithmic scale *sensu* De Grave (2003).

While many new species have been described in recent years and regional faunal lists have been published, the backbone taxonomy has remained relatively unchanged with four notable exceptions. First is the discovery of much hidden diversity in Tasmania resulting in the description of two new genera and the synonymization of another (Hansen & Richardson, 2006). Second was the revision of East European and Asian taxa by Starobogatov (1996), which was not well received and has been variously integrated (more often not) into regional taxonomies. Third was the discovery of a new fossil family from China (Taylor *et al.*, 1999) and new fossil genera from British Columbia (Feldmann *et al.*, 2011), Argentina (Aguirre-Urreta, 1992), and Australia (Martin *et al.*, 2008). Two subgenera have been mentioned in the literature within the genus *Cherax*, namely *Astaconephrops* and *Cherax*. Because these subgenera have not been consistently used, we follow Davie (2002) and Ah Yong (2014), supported by the recent phylogenetic analysis of Bláha *et al.* (2016), in not recognizing subgenera within the genus *Cherax*. Finally, *Cambaroides* Faxon, 1884 has been recently placed phylogenetically outside Astacidae Latreille, 1802 and Cambaridae Hobbs, 1942a on both morphological (Rode & Babcock, 2003; Kawai *et al.*, 2013) and molecular phylogenetic (Crandall *et al.*, 2000; Ahn *et al.*, 2006; Braband *et al.*, 2006; Bracken-Grissom *et al.*, 2014) grounds. We therefore take this opportunity to raise an earlier subfamily rank name for this genus, but to family level. The remaining higher-level crayfish taxonomy has been reasonably stable over the last 50 years through the exceptional efforts of Horton H. Hobbs, Jr. (e.g., Hobbs, 1942a, b; 1972a, b; 1974a, b; 1981; 1989). Here we attempt to integrate, update, and revise crayfish taxonomy with insights gained through systematic and taxonomic studies. We identify a number of areas of controversy and justify our conclusions in the sections below before presenting the first comprehensive taxonomic summary for the freshwater crayfishes. Additionally, we integrate these results into the IUCN RedList (IUCN, 2016) and in the World Register of Marine Species (WoRMS, 2017) taxonomic database through the Freshwater Animal Diversity Assessment (FADA) Project (Lévêque *et al.*, 2005).

SUMMARY OF TAXONOMY

The classification of the freshwater crayfish presented herein consists of five families and 38 genera. We outline our classification, including the two superfamilies (Northern and Southern hemispheres divisions). We also summarize the genera and numbers of extant species, additional subspecies, and fossil species within each genus. “*Astacus*

Fabricius, 1775 (3 + 2, 3††)” indicates that this genus contains 3 extant species with 2 subspecies additional to the nominotypical ones and an additional three fossil taxa. Only a single number is given if no subspecies are currently recognized; “†” refers to a species known from both fossil and extant material, whereas a “††” refers to species known only from fossil material. The summary hopes to orient the reader to both the phylogeny discussion as well as the overall checklist.

Infraorder Astacidea Latreille, 1802

Superfamily Astacoidea Latreille, 1802

Family Astacidae Latreille, 1802 (see Fig. 3A–B for examples)

Astacus Fabricius, 1775 (3 + 2, 3††)

Austropotamobius Skorikov, 1907 (3 + 3, 1†)

Pacifastacus Bott, 1950 (5, 1††)

Pontastacus Bott, 1950 (9 + 1)

Family Cambaridae Hobbs, 1942a (see Fig. 3C–E, Fig. 4A–F for examples)

Barbicambarus Hobbs, 1969a (2)

Bouchardina Hobbs, 1977a (1)

Cambarellus Ortmann, 1905a

Cambarellus (*Cambarellus*) Ortmann, 1905a (10)

Cambarellus (*Pandicambarus*) Fitzpatrick, 1983 (9)

Cambarus Erichson, 1846 (118 + 1)

Creaserinus Hobbs, 1973a (9)

Distocambarus Hobbs, 1981

Distocambarus (*Distocambarus*) Hobbs, 1981 (2)

Distocambarus (*Fitzcambarus*) Hobbs, 1983 (3)

Fallicambarus Hobbs, 1969a (12)

Faxonella Creaser, 1933 (4)

Faxonius Ortmann, 1905a (88 + 11)

Hobbseus Fitzpatrick & Payne, 1968 (7)

Orconectes Cope, 1872 (7 + 1)

Palaeocambarus Taylor, Schram & Shen, 1999 (1††)

Procambarus Ortmann, 1905b (167 + 6)

Troglocambarus Hobbs, 1942a (1)

Family Cambaroididae Villalobos, 1955 (see Fig. 3F)

Cambaroides Faxon, 1884 (6)

Family Cricoidoscelosidae Taylor, Schram & Shen, 1999

Cricoidoscelosus Taylor, Schram & Shen, 1999 (1††)

Superfamily Parastacoidea Huxley, 1879

Family Parastacidae Huxley, 1879 (see Fig. 5A–F for examples)

Aenigmastacus Feldmann, Schweitzer & Leahy, 2011 (1††)

Astacoides Guérin-Méneville, 1839 (7)

Astacopsis Huxley, 1879 (2, 1†)

Cherax Erichson, 1846 (52 + 3)

Engaeus Erichson, 1846 (35)

Engaewa Riek, 1967a (5)

Euastacus Clark, 1936 (53)

Geocharax Clark, 1936 (2)

Gramastacus Riek, 1972 (2)

Lammuastacus Aguirre-Urreta, 1992 (1††)

Ombrastacoides Hansen & Richardson, 2006 (11)

Palaeoechinastacus Martin, Rich, Poore, Schultz, Austin, Kool & Vickers-Rich, 2008 (1††)

Paranephrops White, 1842 (2, 1††)

Parastacus Huxley, 1879 (11 + 1)

Samastacus Riek, 1971 (1)

Spinastacoides Hansen & Richardson, 2006 (3)

Tenuibranchiurus Riek, 1951 (1)

Virilastacus Hobbs, 1991a (4)

PHYLOGENY

Recent advances in morphological and molecular phylogenetic studies have impacted fundamentally our understanding of the evolutionary relationships among the species of freshwater crayfishes and their relationship to lobsters. Molecular (Crandall *et al.*,

2000) and morphological (Scholtz & Richter, 1995) work supports the notion of the freshwater crayfishes as a monophyletic group. While Scholtz & Richter (1995) argued for Thalassinida to be more closely allied with the freshwater crayfishes than the clawed lobsters (homarids), recent work has clearly demonstrated the sister relationship between the clawed lobsters (Nephropidae and Enoplometopidae) and freshwater crayfishes with the divergence between freshwater and marine groups occurring approximately 330 mya (Bracken-Grissom *et al.*, 2014). While freshwater crayfishes are clearly established as a monophyletic group, the monophyly of the families was questioned because the genus *Cambaroides* clusters consistently as a basal group to the family Astacidae (Bracken-Grissom *et al.*, 2014) or basal to both the astacids and cambarids (Fig. 2) instead of within Cambaridae where it has been traditionally placed. Nevertheless, the Northern (Astacidae and Cambaridae) and Southern (Parastacidae) hemispheres families form reciprocally monophyletic clades with deep divergence (approximately 265 mya) (Bracken-Grissom *et al.*, 2014). The divergence times across the Southern Hemisphere taxa are deep and the genera form monophyletic groups (Toon *et al.*, 2010).

On the other hand, multiple studies question the monophyly of many Northern Hemisphere genera and subgenera, especially in *Orconectes* (Crandall & Fitzpatrick, 1996; Fetzner, 1996), *Cambarus* (Breinholt *et al.*, 2012), and *Fallicambarus* (Ainscough *et al.*, 2013). Various studies have also made insights about the species status of individual taxa. All of these studies have made necessary suggestions for adjustments to taxonomy based on the results of the research. Here we strive to make these classification changes formal and detail the proposed changes and our justifications below.

FAMILY ADJUSTMENTS

The placement of *Cambaroides* has been the topic of discussion for a long time. The group was recognized as distinctive by Faxon (1884), who established *Cambaroides* as a subgenus within *Astacus*. The name was then raised to generic status and placed within its own subfamily (Cambaroidinae) within the family Astacidae by Villalobos (1955). The subfamily was subsequently transferred to Cambaridae by Hobbs (1974a). Phylogenetic studies had a similar difficulty in placing

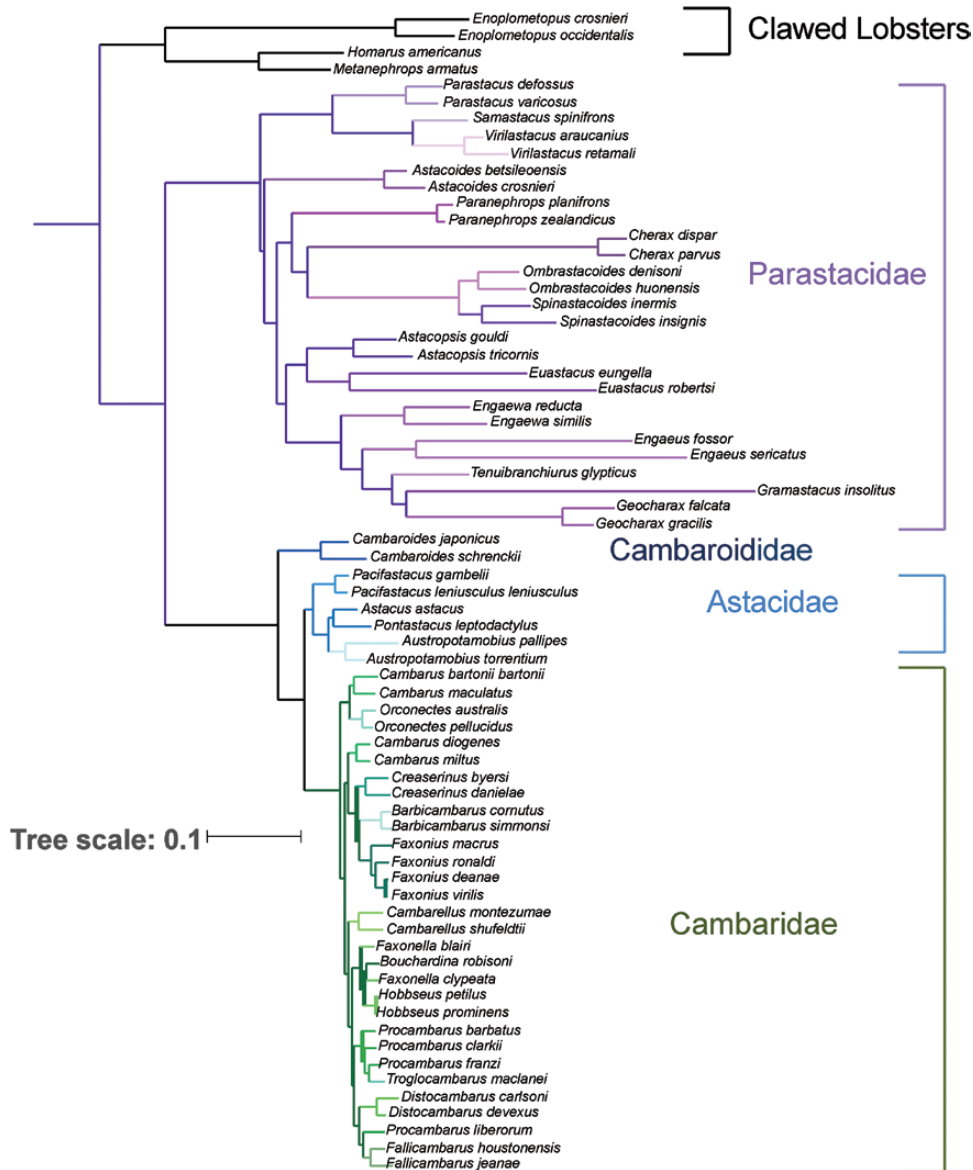


Figure 2. Phylogenetic estimate of the freshwater crayfishes based on a subset of data from Stern *et al.* (2017). Family clades of freshwater crayfish are shown in distinct colors with lobster outgroups shown in black.

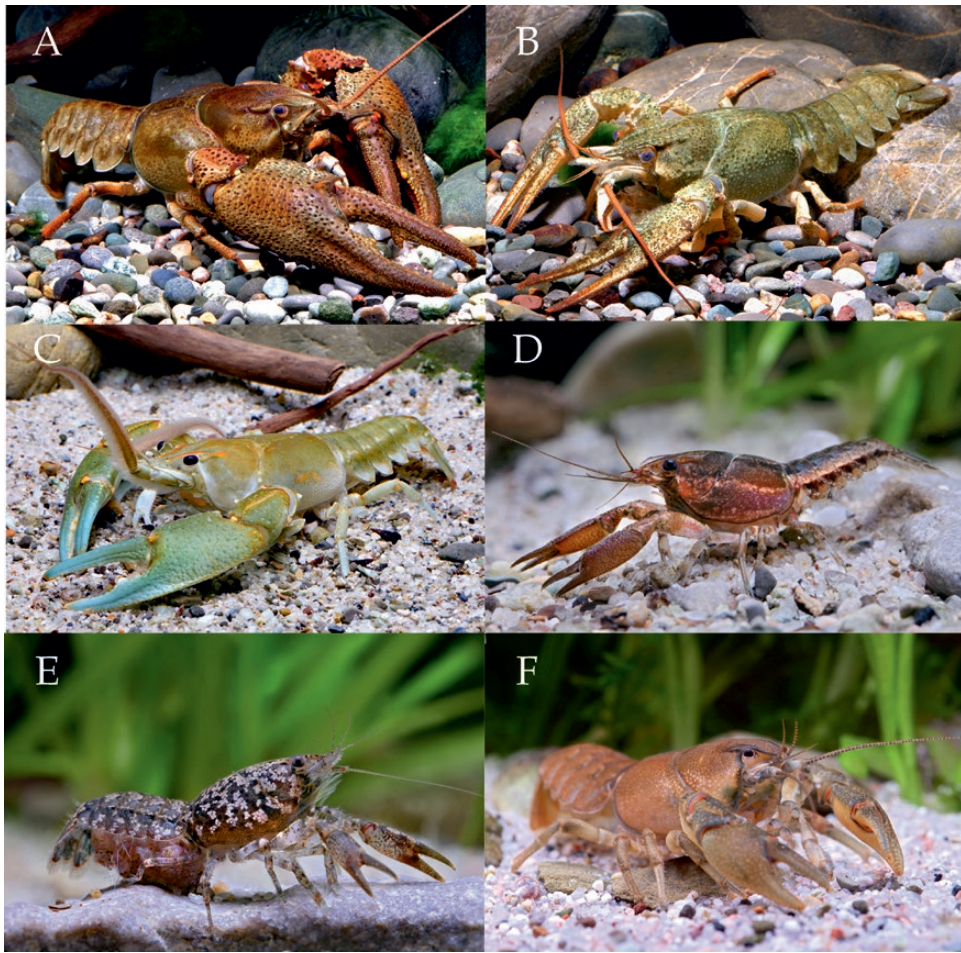


Figure 3. Representatives of Astacidae: (A) *Astacus astacus astacus* (Linnaeus, 1758); (B) *Pontastacus leptodactylus* (Eschscholtz, 1823), Cambaridae: (C) *Barbicambarus cornutus* (Faxon, 1884); (D) *Bouchardina robisoni* Hobbs, 1977a; (E) *Cambarellus* (*Pandicambarus*) *puer* Hobbs, 1945; and Cambaroididae: (F) *Cambaroides similis* (Koelbel, 1892) (all photos by C. Lukhaup).

this genus, demonstrating that the inclusion of *Cambaroides* in either Cambaridae or Astacidae made those groups non-monophyletic, based on both molecular (Crandall *et al.*, 2000) and morphological (Rode & Babcock, 2003) grounds. These studies also showed a closer affinity of *Cambaroides* to astacids rather than to cambarids. These early phylogenetic studies were nevertheless limited in their sampling of species from within *Cambaroides*. Two subsequent studies provided evidence with much more extensive sampling within *Cambaroides* for the monophyly of the group and basal and sister relationship to both Astacidae and Cambaridae (Ahn *et al.*, 2006; Braband *et al.*, 2006). Our phylogenetic estimate based on more extensive genetic sampling (three mitochondrial and three nuclear genes; Fig. 2) shows the genus to be basal and sister to both the astacids and cambarids, justifying the recognition of a further family for this genus and its six constituent species (Stern *et al.*, 2017). We, therefore, elevate herein the subfamily Cambaroidinae Villalobos, 1955 to family level solely for the genus *Cambaroides* to recognize the phylogenetic, morphological, and geographical distinctiveness of this genus and to avoid paraphyly within the Astacidae and/or Cambaridae.

WESTERN PALEARCTIC CRAYFISHES

The species of western Palearctic crayfishes are in need of a comprehensive overhaul that takes advantage of recent molecular tools to diagnose species boundaries and establish relationships among populations and species. While there are many population genetic studies of particular species (e.g., Fratini *et al.*, 2005;

Cataudella *et al.*, 2010), these studies have been focused regionally, for the most part, with the aim of aiding local and regional conservation issues and are not taxonomically focused as needed for taxonomic updates (as outlined in Manganelli *et al.*, 2006). As a result, such studies are often missing important populations and taxa that might allow for a more comprehensive overview of the species within *Astacus*, *Austropotamobius*, and *Pontastacus*. Some more comprehensive studies have been attempted (e.g., Schrimpf *et al.*, 2011), but still with limited sampling, especially in Eastern Europe and further east. Lacking data to the contrary, we follow the recommendation of Smietana *et al.* (2006) by recognizing the three genera supported by Brodsky (1983), including the somewhat controversial *Pontastacus*. As pointed out by Smietana *et al.* (2006), much more extensive work needs to be done on the Eastern European species before a reasonable picture of the western Palearctic fauna can be achieved. Similarly, we also largely adhere to the classification outlined in Starobogatov (1996), which has been somewhat conveniently overlooked by the majority of workers rather than rigorously tested. We nevertheless follow Smietana *et al.* (2006) and not Starobogatov (1996) in only recognizing three genera and follow the nomenclature outlined in Manganelli *et al.* (2006) for some taxa. We agree with the argument put forward by Manganelli *et al.* (2006) that the oldest available name for the Italian white-clawed crayfish is indeed *Astacus pallipes* var. *Fulcisiana* Ninni, 1886, which thus takes priority over *Astacus pallipes italicus* Faxon, 1914 (ICZN, 1999). As such, we list this taxon under the name *Austropotamobius fulcisianus fulcisianus* (Ninni, 1886).



Figure 4. Representatives of Cambaridae: (A) *Cambarus maculatus* Hobbs & Pflieger, 1988; (B) *Cambarus subterraneus* Hobbs, 1993; (C) *Creaserinus fodiens* (Cottle, 1863); (D) *Distocambarus* (*Fitzcambarus*) *youngineri* Hobbs & Carlson, 1985; (E) *Fallicambarus devastator* Hobbs & Whiteman, 1987; (F) *Procambarus niveus* Hobbs & Villalobos, 1964 (all photos by C. Lukhaup).

NORTH AMERICAN GENERA AND SUBGENERA

We have revised the classification of the North American taxa, especially at both generic and subgeneric levels, based on recent phylogenetic results. For *Cambarus*, *Orconectes*, and *Procambarus*, we eliminate the subgeneric classifications. These classifications have been shown to have no phylogenetic validity in *Cambarus* (Breinholt *et al.*, 2012) and *Orconectes* (Crandall & Fitzpatrick, 1996; Fetzner, 1996; Taylor & Knouft, 2006), and our preliminary data suggest the same is true for *Procambarus*. While we appreciate the desire to have these genera with large numbers of species divided into smaller, more digestible groupings, these assignments have not been based on cladistic characters (Fitzpatrick, 1987a) and do not support monophyletic groups. It is therefore difficult at times even to place new species in the appropriate subgenus. *Cambarellus*, however, has two subgenera that are reciprocally monophyletic (*Cambarellus* and *Pandicambarus*) (Pedraza-Lara *et al.*, 2012) and we, therefore, retain these taxa. The subgenus *Dirigicambarus* nested within *Pandicambarus* in the analysis of Pedraza-Lara *et al.* (2012) and we therefore consider these species to be contained within this latter subgenus and eliminate the former subgenus. We also do not recognize the subfamily Cambarinae as a further distinction for this genus, as it seems unwarranted, especially without a reciprocal sister group.

Fallicambarus, on the other hand, has traditionally been divided into two subgenera (*Fallicambarus* and *Creaserinus*). While these two subgenera form monophyletic groups, each is more closely related to other genera than to each other (Ainscough *et al.*, 2013), with the subgenus *Fallicambarus* more allied with members of *Procambarus*

and the subgenus *Creaserinus* more closely allied with species of *Faxonius* (see below). We thus elevate the subgenus *Creaserinus* to full generic rank and retain the contained species. Similarly, the representatives of *Orconectes* form at least two distinct groups. The nominal group (the “cave *Orconectes*”) form a monophyletic group that is more closely related to members of *Cambarus*, while the remaining “*Orconectes*” are more closely related to *Barbicambarus*, *Creaserinus*, and other species of *Cambarus* (Crandall & Fitzpatrick, 1996; Fetzner, 1996). As the type species of *Orconectes*, *Orconectes inermis* Cope, 1872, belongs to the cave-dwelling group, the genus is herein restricted to just those taxa. The surface-dwelling taxa now excluded from *Orconectes sensu stricto* are herein placed in the resurrected genus *Faxonius* Ortmann, 1905a, the oldest available name previously considered to be a synonym of *Orconectes* Cope, 1872.

At the species level, a few studies have suggested new generic allocations for certain species, including *Cambarus pecki* (Hobbs, 1967a) (not *Procambarus* (see Buhay & Crandall, 2009)), *Fallicambarus tenuis* (Hobbs, 1950a) (not *Procambarus* (see Ainscough *et al.*, 2013)), and the synonymy of *Procambarus ferrugineus* Hobbs & Robison, 1988 with *Procambarus liberorum* Fitzpatrick, 1978a based on phylogenetic inferences (Crandall *et al.*, 2009).

Some genera, such as *Procambarus* and *Cambarus*, are clearly still not monophyletic groups (Fig. 2). We nevertheless refrain from making further taxonomic changes until we achieve a more comprehensive sampling of species within such groups. Similarly, some relationships, such as the placement of the Australasian genus *Cherax*, are different compared to previous phylogenetic studies (Toon *et al.*, 2010). There still remain a number of



Figure 5. Representatives of Parastacidae: (A) *Astacoides madagascarensis* (H. Milne Edwards & Audouin, 1839); (B) *Cherax peknyi* Lukhaup & Herbert, 2008; (C) *Engaews* sp.; (D) *Euastacus claytoni* Riek, 1969; (E) *Temuibranchiurus glypticus* Riek, 1951; (F) *Virilastacus rucapihuelensis* Rudolph & Crandall, 2005 (all photos by C. Lukhaup).

poorly-supported nodes in the overall phylogeny and we have attempted to make taxonomic revisions based only on the more well-supported aspects of the phylogeny. Phylogenetic studies seem to suggest that clades are more geographically than taxonomically affiliated. The present list provides a significant but first step in achieving a comprehensive phylogenetically based taxonomy of the freshwater crayfishes by making taxonomic changes suggested throughout the last twenty years of phylogenetic studies and bringing all information into a single resource.

LIST OF THE SPECIES OF FRESHWATER CRAYFISHES OF THE WORLD

For each of the herein recognized crayfish families (both extant and fossil), we list the currently recognized genera, species, and subspecies. For each genus, we provide a reference to the original description, their type species and method of designation, as well as their gender to facilitate future work. All known synonyms are also listed. For species and subspecies, we list their current bi/trinomen, original name combination (if different), as well as currently accepted synonyms. For each, we list the page number on which the original description starts, a reference to all figures or plates on which the original illustrations appear, and type locality information. As is traditional, we distinguish different species described by the same author(s) in the same year but in different publications by a letter following the year of publication, following the order in which they appear in the text, for example, *Bouchardina robisoni* Hobbs, 1977a and *Procambarus strenthi* Hobbs, 1977b.

For type localities, we list the original information in the type description in quotation marks, with additional information and translations in brackets to distinguish it from the original description, as in “*Cancer astacus* Linnaeus, 1758: 631 (“Europae lacubus, fluviis” [= European lakes and rivers]).” The listing of type locality generally follows the rules laid down by De Grave & Fransen (2011) in their catalogue of shrimp names. Many of the early North American crayfish descriptions, like those by C. Girard and W. Faxon, however, had no circumscribed type localities, as often large, syntypic series were involved in the descriptions. W. Faxon, A. Ortmann, and especially H. H. Hobbs Jr. restricted many of these to more circumscribed localities, but often without the designation of lectotypes, all of which are listed in Hobbs (1974b, 1989). To avoid unnecessary confusion, we follow these traditional designations, but have clearly marked them as such. We have refrained from guessing in which country some type localities are located, reflecting the originally stated inaccuracy, for example “*Potamobius pylzowi* Skorikov, 1907: 117 (“oriental part of Zakavkazie” [= eastern part of Transcaucasia]), which spans several eastern European and western Asian countries. We also left, out of necessity, some older type localities simply as stated in the original descriptions. Lectotype and neotype designations are highlighted (when known), as well as additional comments when necessary, primarily those relating to ICZN rules.

We highlight fossil taxa with a dagger (†) following the convention of De Grave *et al.* (2009), with a single dagger meaning the species is known from both fossil and extant material, while a double dagger signifies a fully fossil taxon. For clarity, *nomina dubia*, *nomina nuda*, as well as unavailable names are included in the synonymies of species when known or discernible; the remainder are listed at the end of the compilation.

The cut-off date for inclusion of names was set at 11 June 2017, although we are very much aware that the description of several species

are in press and the present compilation will be outdated as soon as it appears in print. The data will nevertheless be migrated to the WoRMS platform (www.marinespecies.org) on publication, where we will endeavor to keep the list current.

Ng (1994) laid down the foundation of author citation in decapod literature, which since has been followed in all major compilations of decapod higher level taxonomy (De Grave *et al.*, 2009), brachyuran crabs (Ng *et al.*, 2008), anomurans (Baba *et al.*, 2008; McLaughlin *et al.*, 2010a; 2010b), lobsters (Chan, 2010), and shrimps (De Grave & Fransen, 2011). This follows a strict interpretation of Article 50 (ICZN, 1999) in that merely citing an author's name after a new species name does not make it explicit enough that the description is solely by that/those person(s). Rather, it requires either a specific statement to that effect, or as is common in older literature, a clear line of evidence that parts of the article were written by, and can thus be formally attributed to a person(s) other than the author(s) of the article. For example, we attribute *Cambarus setosus* to Faxon & Garman in Garman, 1889, rather than just Faxon alone, as listed in Hobbs (1974b). This problem is not restricted to older literature as often thought, with for example, Ribeiro, Buckup, Gomes & Araujo (2016) describing "*Parastacus fluviatilis* Ribeiro & Buckup sp. nov." and "*Parastacus caeruleodactylus* Ribeiro & Araujo sp. nov." By following Ng (1994), the citation of these names becomes far less cumbersome, for example *P. fluviatilis* Ribeiro, Buckup, Gomes & Araujo (2016) rather than *P. fluviatilis* Ribeiro & Buckup in Ribeiro, Buckup, Gomes & Araujo (2016). We accept that this is not how Article 50 is uniformly interpreted across the zoological community and others may disagree. Because all other compilations in the taxonomy of decapods have followed this format, it seems logical to employ the same rule to bring the crayfish taxonomic literature in line with the prevailing viewpoint in decapod nomenclature. Various other conventions on spelling of authors and the argument that authors are "nomina" instead of "persona" (see Dubois, 2008) are as followed in Ng *et al.* (2008) and De Grave & Fransen (2011). We use, for example, *Austropotamobius torrentium torrentium* (von Paula Schrank, 1803), rather than only "(Schrank, 1803)" as used in previous compilations (e.g., Hobbs, 1974a). For the relative priority and publication dates of some names published by H.H. Hobbs Jr., we follow Reed & Manning (1998), whilst publication dates for other publications were verified and if necessary adjusted from a variety of sources. For example, the revision of Starobogatov was actually published on the 25 January 1996, rather than in 1995, according to the website of the journal, *Arthropoda Selecta*.

SYSTEMATICS

FRESHWATER CRAYFISHES OF THE WORLD

Superfamily Astacoidea † Latreille, 1802

Family Astacidae † Latreille, 1802

- = Astacini Latreille, 1802: 32 [invalid original spelling, corrected by Samouelle, 1819 to Astacidae, see Anonymus, 1955].
- = Potamobiidae Huxley, 1879: 776.
- = Pacifastacinae Starobogatov, 1996: 9.

Astacus † Fabricius, 1775

- = *Astacus Fabricius*, 1775: 413 [type species *Cancer Astacus Linnaeus*, 1758, designated in Direction 12, see Anonymus, 1955; gender masculine].
- = *Potamobius Samouelle*, 1819: 95 [type species *Cancer Astacus Linnaeus*, 1758, by monotypy; gender masculine].
- = *Carabis Marchand, Lamy & de Boisville*, 1874: 55 [type species *Cancer Astacus Linnaeus*, 1758, by monotypy; gender masculine].

Astacus astacus astacus (Linnaeus, 1758)

- = *Cancer astacus Linnaeus*, 1758: 631 ("Europae lacubus, fluviis" [= European lakes and rivers]).
- = *Astacus fluviatilis Fabricius*, 1775: 413 ("Europae lacubus, fluviis" [= European lakes and rivers]).
- = *Cancer nobilis von Paula Schrank*, 1803: 246 ("Boica" [= Bavaria, Germany]).
- = *Astacus fluviatilis communis* Gerstfeldt, 1859: 554 [no type locality indicated].

Astacus astacus canadzjiae Starobogatov, 1996: 14 (validation under Art. 10.2 (ICZN, 1999) of the unavailable name *Astacus (Astacus) astacus natio canadzjiae* Karaman, 1963).

- = *Astacus astacus canadzjiae* Starobogatov, 1996: 14 (unjustified emendation for *Astacus astacus canadzjiae* Starobogatov, 1996; herein corrected under Art. 33.2.2 (ICZN, 1999)).
- = *Astacus (Astacus) astacus natio canadzjiae* Karaman, 1963: 116 ("Zuflüssen der Donau in Croatien, wahrscheinlich auch in Serbien

und Rumänien verbreitet" [= tributaries of the Danube in Croatia, probably also distributed in Serbia and Romania]; not an available name under Art. 1.3.4 and 45.6.3 (ICZN, 1999)).

= *Astacus (Astacus) astacus natio pretzmanni* Karaman, 1963: 115 ("oberen Teil des Donausystems, einschließlich der Drau" [= upper parts of the Danube Basin, including the Drava River]; not an available name under Art. 1.3.4 and 45.6.3 (ICZN, 1999)).

Astacus balcanicus balcanicus (Karaman, 1929)

= *Potamobius fluviatilis balcanicus* Karaman, 1929: 147, fig. 2 ("Vardar; Ohridsee" [= Vardar Basin and Lake Ohrid, Republic of Macedonia]).

Astacus balcanicus graecus Starobogatov, 1996: 14 (validation under Art. 10.2 (ICZN, 1999) of the unavailable name *Astacus (Astacus) balcanicus natio graeca* Karaman, 1963).

= *Astacus (Astacus) balcanicus natio graeca* Karaman, 1963: 117 ["Janinasee, Griechenland" [= Lake Ioannina, Greece]; not an available name under Art. 1.3.4 and 45.6.3 (ICZN, 1999)].

Astacus colchicus Kessler, 1876

= *Astacus colchicus* Kessler, 1876: 2 ("Stromgebiete des Rion" [= Rioni River Basin, Georgia]).

Astacus edwardsii † Van Straelen, 1928a: 4; pl. 1 ("Sézanne (Champagne)" [France]).

= *Astacus Edwardsi* Munier-Chalmas in Vélain, 1889: 870 [nomen nudum]

Astacus laevisimus † Fritsch & Kafka, 1887: 49; pl. 10, fig. 4 ("Zbyslav" [Czech Republic]).

Astacus multicaeatus † Bell, 1863: 31; pl. 9, figs. 7, 8 ("Speeton Clay" [UK]).

Austropotamobius † Skorikov, 1907

= *Potamobius (Austropotamobius) Skorikov*, 1907: 116 [type species *Cancer torrentium* von Paula Schrank, 1803, by subsequent designation in Bott (1950); gender masculine].

= *Austropotamobius (Atlantoastacus) Bott*, 1950: 21 [type species *Astacus pallipes Lereboullet*, 1858, by original designation; gender masculine].

Austropotamobius fulcisanus fulcisanus (Ninni, 1886)

= *Astacus pallipes* var. *Fulciana* Ninni, 1886: 326 ("trovo nel Bellunese" [= Province of Belluno]).

= *Astacus pallipes italicus* Faxon, 1914: 361; pl. 8, fig. 2 ("River Sarno, Pompeii, Italy").

= *Astacus fluviatilis lusitanicus* Mateus, 1934: 33 ("ribeiro de Angueira, affluent du Sabor, près de San-Martinho, arrondissement de Miranda-do-Douro, Province de Trás-os-Montes" [= tributary of Sabor River, near São Martinho de Angueira, Miranda-do Douro, NE Portugal]).

= *Austropotamobius (Atlantoastacus) berndhauseri* Bott, 1972: 399; fig. 5; pl. 4 ("Schweiz: Tessin; Maggia-Tal, Roggio di Gordovio" [= Switzerland: Ticino Canton; "Roggio di Gordovio", Valle Maggia]).

Austropotamobius fulcisanus orientalis (Karaman, 1929)

= *Potamobius pallipes orientalis* Karaman, 1929: 148, fig. 4 ("in der Krka und Cetina; kleinen Abflusskanal der kleinen Seen der Niederung von Knin" [= Krka River; Cetina River; Knin Valley; all in Croatia]).

= *Austropotamobius italicus carisicus* Karaman, 1962: 180, figs. 2, 10, 17, 28 ("Sickelflüsse von Gacko, Nachbarfelder der Herzegowina; Gewässer, die unmittelbar der Meeresküste entspringen: Ljuta und Konavle bei Dubrovnik").

= *Astacus pallipes* var. *carinthiaca* Albrecht, 1981: 270, fig. 2 ("Gitschtal, Seitental des Gailtales bei Hermagor" [= Gitschtal, side valley of Gailtal Valley near Hermagor, Austria]; not an available name under Art. 45.6.3 (ICZN, 1999)).

= *Astacus pallipes* var. *dalmaticinus* Albrecht, 1982: 195 ["Dalmatien (Jugoslawien)" [= Dalmatia, Croatia]; not an available name under Art. 45.6.3 (ICZN, 1999)].

? = *Astacus pallipes* var. *lombardicus* Albrecht, 1982: 194 ("Tessin (Schweiz); Lombardei (Italien); nach Graubünden (Schweiz)" [= Ticino Canton and Graubünden, Switzerland; Lombardy, Italy]; not an available name under Art. 45.6.3 (ICZN, 1999)).

? = *Astacus pallipes* var. *trentinus* Albrecht, 1982: 195 ("Südtirol und Trentino (Italien)" [= South Tyrol and Trentino provinces, Italy]; not an available name under Art. 45.6.3 (ICZN, 1999)).

= *Atlantoastacus orientalis carinthiacus* Starobogatov, 1996: 12 [nomen nudum].

Austropotamobius llopsi † (Via, 1971)

= *Pseudoastacus llopsi* Via, 1971: 607, fig. 2 ("cantera de Santa María de Moyá, en el Montsec (Lérida)" [= Santa María de Moyá quarry in the Serra del Montsec, Province of Lleida, Spain]).

Austropotamobius pallipes † (Lereboullet, 1858)

- = *Astacus pallipes* Lereboullet, 1858: 7; pl. 2; pl. 3, fig. 3–3d (as *Astacus flavipes*) (“nombreux canaux qui entourent Strasbourg et dans les fossés des fortifications [= Strasbourg, France]).
- = *Astacus pallipes* var. *flavus* Lereboullet, 1858: 9 [no type locality indicated].
- = *Astacus fontinalis* Carbonnier, 1869: 8 (“France”).
- Austropotamobius torrentium danubicus* Starobogatov, 1996: 11 (validation under Art. 10.2 (ICZN, 1999) of the unavailable name *Austropotamobius torrentium* natio *danubicus* Karaman, 1962).
- = *Austropotamobius torrentium* natio *danubicus* Karaman, 1962: 178 (“Kroatien (Gračane, Gerovo, Kostajevica, Sošice, Janesica, Dobra, Podsused)” [all localities in Croatia]; not an available name under Art. 1.3.4 and 45.6.3 (ICZN, 1999)).
- Austropotamobius torrentium macedonicus* Karaman, 1929: 149 (“Treskaschlucht bei Skoplje” [= Treska ravine near Skoplje, Republic of Macedonia]).
- = *Potamobius torrentium dalmatinus* Karaman, 1929: 150; fig. 7 (“in der Krka und Cetina” [= Krka and Cetina rivers, Croatia]).
- Austropotamobius torrentium torrentium* (von Paula Schrank, 1803)
- = *Cancer Torrentium* von Paula Schrank, 1803: 247 (“Boica; in steinigen Bächen und Flüssen; aber auch in Seen, namentlich im Würmsee” [= stony brooks and streams in Bavaria; Lake Standberg, Germany]).
- = *Astacus saxatilis* Koch, 1837: 1; unnumbered pl. (“kleinen Bächen der bergigen Gegenden der Oberpfalz, auch in der Donau” [= Oberpfalz district, Bavaria and Danube River, Germany]).
- = *Astacus tristis* Koch, 1837: 2; unnumbered pl. (“kleinen Bergbach bei Bodenstein in bayerischen Regenkreise” [= small mountain streams near Bodenstein, Bavaria, Germany]).
- = *Astacus longicornis* Lereboullet, 1858: 2; pl. 1; pl. 3, fig. 2–2d (“dans L’Ill et dans la Bruche” [= Ill and Bruche rivers, Strasbourg, France]).
- Pacifastacus** † **Bott, 1950**
- = *Pacifastacus* Bott, 1950: 24 [type species *Astacus klamathensis* Stimpson, 1857, by original designation; gender masculine].
- = *Pacifastacus* (*Hobbsastacus*) Bouchard, 1977: 431 [type species *Astacus* [sic] *Gambelii* Girard, 1852, by original designation; gender masculine].
- Pacifastacus chenoderma* †† (Cope 1871)
- = *Astacus chenoderma* Cope 1871: 606 (“upper part of Castle Creek, Owyhee County” [Idaho, USA] according to Hobbs, 1974b).
- ? = *Astacus subgrundialis* Cope, 1871: 605 (“freshwater deposit in the Territory of Idaho, near Hot Springs Mountain” [USA]).
- ? = *Astacus breviforceps* Cope, 1871: 606 (“upper part of Castle Creek, Owyhee County” [Idaho, USA] according to Hobbs, 1974b).
- Pacifastacus connectens* (Faxon, 1914)
- = *Astacus gambelii connectens* Faxon, 1914: 360; pl. 7, figs. 6, 10; pl. 10, fig. 1 (“Snake River at Upper Salmon Falls” [Twin Falls County, Idaho, USA]).
- Pacifastacus fortis* (Faxon, 1914)
- = *Astacus nigrescens fortis* Faxon, 1914: 360; pl. 7, figs. 5, 9; pl. 9, fig. 2 (“Fall River, Fall City Mills, Shasta County, California” [USA]).
- Pacifastacus gambelii* (Girard, 1852)
- = *Cambarus Gambelii* Girard, 1852: 90 (“California” [USA]).
- Pacifastacus leniusculus* (Dana, 1852)
- = *Astacus oreganus* Randall, 1840: 138; pl. 7 (“Columbia River, west coast of North America”; suppressed under the plenary powers for the purposes of the Principle of Priority but not those of the Principle of Homonymy and placed on the Official Index of Rejected and Invalid Specific Names in Zoology in Opinion 855, see Anonymous, 1968).
- = *Astacus leniusculus* Dana, 1852: 524 (“flumine Columbia, Oregoniae” [= Columbia River, Oregon, USA]; placed on the Official List of Specific Names in Zoology in Opinion 855, see Anonymous, 1968).
- = *Astacus Klamathensis* Stimpson, 1857: 87 (“Klamath Lake” [Oregon, USA]).
- = *Astacus Trowbridgii* Stimpson, 1857: 87 (“Columbia River, above Astoria” [Oregon, USA]).
- = *Cambarus* [sic] *americanus* Anonymous, 1927: unnumbered figures [nomen nudum].
- Pacifastacus nigrescens* (Stimpson, 1857)
- = *Astacus nigrescens* Stimpson, 1857: 87 (“vicinity of San Francisco” [California, USA]).
- Pontastacus** **Bott, 1950**
- = *Astacus* (*Pontastacus*) Bott, 1950: 12 [type species *Astacus leptodactylus* Eschscholtz, 1823, by original designation; gender masculine].
- = *Caspiastacus* Starobogatov, 1996: 14 [type species *Astacus pachypus* Rathke, 1837, by original designation; gender masculine].
- Pontastacus cubanicus* (Birstein & Vinogradov, 1934)
- = *Astacus leptodactylus cubanicus* Birstein & Vinogradov, 1934: 51 (“Kuban River bassin, part of the Azov Sea, Don River south of Rostov (Rostov-na-Donu), Sal River” [translated from the original; all locations in Russia]).
- Pontastacus danubialis* Brodsky, 1981
- = *Pontastacus eichwaldi danubialis* Brodsky, 1981: 165, fig. 82 (validation under Art. 10.2 (ICZN, 1999) of the unavailable name *Astacus leptodactylus caspius* natio *danubialis* Brodsky, 1967).
- = *Astacus leptodactylus caspius* natio *danubialis* Brodsky, 1967: 310, fig. 2 (“Danube lakes - Kitaï, Katlabukh, Yalpuh (above Kosa village), Kugurlui, Kartal, Saf’yan, Dolgoe, and others. Introduced to lakes of Pripyat’ and Prut rivers, and in ponds of Kiev and Vinnitsa regions, and in the Donbass reservoirs” [translated from the original; all localities in Ukraine]; not an available name under Art. 1.3.4 and 45.6.3 (ICZN, 1999)).
- Pontastacus daucinus* Brodsky, 1981
- = *Pontastacus cubanicus daucinus* Brodsky, 1981: 161 (proposed replacement name for the unavailable name *Pontastacus leptodactylus cubanicus* natio *danubialis* Brodsky, 1967 (nec *Astacus leptodactylus caspius* natio *danubialis* Brodsky, 1967)).
- = *Astacus leptodactylus cubanicus* natio *danubialis* Brodsky, 1967: 309, fig. 1 (“Kili delta of the Danube, Repida waterway and associated lakes Yalpuh (below Kosa village) and Kugurlui, delta of Prut River and Manta Lake” [translated from the original; all localities in Ukraine]; not an available name under Art. 1.3.4 and 45.6.3 (ICZN, 1999)).
- Pontastacus eichwaldi bessarabicus* Brodsky, 1981: 169 (validation under Art. 10.2 (ICZN, 1999) of the unavailable name *Astacus leptodactylus caspius* natio *bessarabicus* Brodsky, 1967).
- = *Astacus leptodactylus caspius* natio *bessarabicus* Brodsky, 1967: 311, fig. 3 (“Dniestr and Kuchurgan limans, eastern coast of Caspian Sea (Kianla region, Krasnovodskiy Bay), introduced into Kiev’s park pond, where it is now established” [translated from the original; all localities in Ukraine]; not an available name under Art. 1.3.4 and 45.6.3 (ICZN, 1999)).
- Pontastacus eichwaldi eichwaldi* (Bott, 1950)
- = *Astacus leptodactylus* var. *caspius* Eichwald, 1838: 148 (“Tyrae ostio”; Caspian Sea, near Lenkoran according to Faxon, 1914 [= Lankaran, Azerbaijan]).
- = *Astacus* (*Pontastacus*) *leptodactylus eichwaldi* Bott, 1950: 16 (replacement name for *Astacus leptodactylus* var. *Caspia* Eichwald, 1838 nec *Astacus caspius* Eichwald, 1838).
- Pontastacus kessleri* (Schimkewitsch, 1886)
- = *Astacus kessleri* Schimkewitsch, 1886: 20. (“nähe der Stadt Turkestan (Stüürinsky, Karatschinskym, Kutsch-atä und Tuka-tak” [all localities in Turkestan] according to Bott, 1950).
- Pontastacus leptodactylus* (Eschscholtz, 1823)
- = *Astacus leptodactylus* Eschscholtz, 1823: 109; pl. 18 (“aquas dulces Tauriae” [= fresh water in Crimea]).
- = *Astacus angulosus* Rathke, 1837: 74; pl. 4, fig. 3 (“in der Krym an mehreren Orten” [= several localities in Crimea]).
- = *Astacus leptodactylus boreorientalis* Birstein & Vinogradov, 1934: 51 (“Kama River bassin, from which it migrated via a man-made canal (made during Ivan the Terrible) to Severnaya Dvina River, reaching Vologda and Arkhangelsk. Introduced to Ob’ River bassin, reaching Tobolsk, Omsk and upper Ishim River; from here introduced to the Nura River bassin (Akmolinsk)” [translated from the original; all localities in Russia]).
- = *Astacus* (*Pontastacus*) *leptodactylus leptodactylus* natio *intermedius* Karaman, 1963: 122 (“Marmara Meers, in dem Maritza-Flusssystem sowie in Klein Asia” [= Sea of Marmara, Maritsa River system and Anatolia, Turkey]; not an available name under Art. 1.3.4 and 45.6.3 (ICZN, 1999)).
- = *Astacus* (*Pontastacus*) *leptodactylus leptodactylus* natio *caereensis* Pretzmann, 1973: 331 [“(Teich bei Karpuzatan bei Kayseri)” [= pond in Karpuzatan near Kayseri, Turkey]; not an available name under Art. 1.3.4 and 45.6.3 (ICZN, 1999)].
- Pontastacus pachypus* (Rathke, 1837)
- = *Astacus pachypus* Rathke, 1837: 365 (“umgegend von Nikolajew” [= around Mykolaiv, Ukraine]).
- = *Astacus caspius* Eichwald, 1838: 149 (“in Caspio mari, prope Bacuum” [= Caspian Sea, near Baku, Azerbaijan]).
- = *Astacus pachypus* var. *lacustris* Czerniavsky, 1884: 94 (“locus montanus Abrau, haud procul ab opp. Novorossijsk” [= mountains around Abrau-Dyurso, near Novorossiysk, Russia]).

- = *Pontastacus pachypus notabilis* Brodsky, 1981: 177, figs. 86, 87 (“Azov-Black Sea”).
- Pontastacus pylzowii* (Skorikov, 1907)
- = *Potamobius pylzowii* Skorikov, 1907: 117 (“oriental part of Zakavkazie” [= eastern part of Transcaucasia]).
- Pontastacus salinus* (von Nordmann, 1842)
- = *Astacus salinus* von Nordmann, 1842: pl. 1 (“Black Sea” according to Faxon, 1914).
- = *Astacus leptodactylus sartorius* Birstein & Vinogradov, 1934: 51 (“mainly W Europe, in the USSR only in the Polesie region and W Ukraine, in the Shepetovka area” [translated from the original]).
- Family Cambaridae † Hobbs, 1942a**
- = Cambarinae Hobbs, 1942a: 338
- = Cambarellinae Laguarda, 1961: 69
- Barbicambarus Hobbs, 1969a**
- = *Barbicambarus* Hobbs, 1969a: 98 [type species *Cambarus cornutus* Faxon, 1884; by original designation; gender masculine].
- Barbicambarus cornutus* (Faxon, 1884)
- = *Cambarus cornutus* Faxon, 1884: 120 (“Green River near the Mammoth Cave, [Edmonson County], Kentucky” [USA]).
- Barbicambarus simmonsii* Taylor & Schuster, 2010: 325, figs. 1, 2, 3 (“Factory Creek at Hardin Loop Road, approximately 9.5 km WNW Loretto, Lawrence County, Tennessee (35.10109°N, -87.53994°W)” [USA]).
- Bouchardina Hobbs, 1977a**
- = *Bouchardina* Hobbs, 1977a: 734 [type species *Bouchardina robisoni* Hobbs, 1977a, by original designation; gender feminine].
- Bouchardina robisoni* Hobbs, 1977a: 734, fig. 1 (“backwaters of Bayou Bodcaw (Red River Basin) in borrow ditch along Sunray Road, 4 miles (6.4 km) north of Lewisville, off State Route 29, Sec. 14, R. 24W, T. 15S, Lafayette County, Arkansas” [USA]).
- Cambarellus Ortman, 1905a**
- Cambarellus (Cambarellus) Ortman, 1905a**
- = *Cambarellus* Ortman, 1905a: 97 [type species *Cambarus Montezumae* de Saussure, 1867, by original designation; gender masculine].
- Cambarellus (Cambarellus) alvarezii* Villalobos, 1952
- = *Cambarellus alvarezii* Villalobos, 1952: 525; pl. 1, 2 (“Potosi, Nuevo León, 23 km NO Galeana, parte norte del Valle Salado” [Mexico]).
- Cambarellus (Cambarellus) areolatus* (Faxon, 1885a)
- = *Cambarus Montezumae* var. *areolata* Faxon, 1885a: 123 (“near Parras, Coahuila state, Mexico”).
- Cambarellus (Cambarellus) chapalanus* (Faxon, 1898)
- = *Cambarus chapalanus* Faxon, 1898: 661; pl. 67, figs. 1, 2 (“Lake Chapala, State of Jalisco, Mexico”).
- Cambarellus (Cambarellus) chihuahuae* Hobbs, 1980
- = *Cambarellus chihuahuae* Hobbs, 1980: 194, fig. 1 (“Ojo de Carbonera, 4.3 km south of Ejido Rancho Nuevo, approximately 36 airline km west of Villa Ahumada (106°51', 30°35'N), Chihuahua, Mexico”).
- Cambarellus (Cambarellus) montezumae* (de Saussure, 1857a)
- = *Cambarus Montezumae* de Saussure, 1857a: 102 (“vallée de Mexico” (= Valley of Mexico)).
- = *Cambarus Montezumae* var. *tridens* von Martens, 1872: 130 (“Puebla” [Mexico]).
- = *Cambarus montezumae dugesii* Faxon, 1898: 660; pl. 66, fig. 1 (“State of Guanajuato, Mexico”).
- = *Cambarellus montezumae* forma *lermensis* Villalobos, 1943: 603; pl. 2, figs. 3, 5, 8, 11, 18, 20 (“Lerma, Estado de Mexico, Mexico” according to Hobbs, 1989).
- Cambarellus (Cambarellus) occidentalis* (Faxon, 1898)
- = *Cambarus montezumae occidentalis* Faxon, 1898: 661; pl. 66, figs. 3, 4 (“Mazatlan, Mexico”).
- Cambarellus (Cambarellus) patzcuarensis* Villalobos, 1943
- = *Cambarellus montezumae patzcuarensis* Villalobos, 1943: 607; pl. 2, figs. 1, 6, 9, 10, 12, 15, 19, 21, 23 (“Lago de Patzcuaro, State of Michoacán, Mexico” according to Hobbs, 1989).
- Cambarellus (Cambarellus) proluxus* Villalobos Figueroa & Hobbs, 1981
- = *Cambarellus (Cambarellus) proluxus* Villalobos Figueroa & Hobbs, 1981: 492, figs. 1, 2 (“Lago de Chapala, 500 m from the north levee at Ajijic, State of Jalisco, Mexico”).
- Cambarellus (Cambarellus) zacapuensis* Pedraza-Lara & Doadrio, 2015: 590, fig. 4. (“Zacapu Lake, in the town of the same name, state of Michoacán, Mexico, 19°49.336'N, 101°47.306'W”).
- Cambarellus (Cambarellus) zempoalensis* Villalobos, 1943
- = *Cambarellus montezumae* forma *zempoalensis* Villalobos, 1943: 601; pl. 2, figs. 2, 4, 7, 13, 16, 17, 22 (“Llagunas de Zempoala, State of Morelos Mexico” according to Hobbs, 1989).
- Cambarellus (Pandicambarus) Fitzpatrick, 1983**
- = *Cambarellus (Pandicambarus)* Fitzpatrick, 1983: 268 [type species *Cambarellus schmitti* Hobbs, 1942b, by original designation; gender masculine].
- = *Cambarellus (Dirigicambarus)* Fitzpatrick, 1983: 267 [type species *Cambarus Shufeldtii* Faxon, 1884, by original designation; gender masculine].
- Cambarellus (Pandicambarus) blacki* Hobbs, 1980
- = *Cambarellus blacki* Hobbs, 1980: 201, fig. 2 (“small cypress pond at Oak Grove, Escambia County, Florida” [USA]).
- Cambarellus (Pandicambarus) diminutus* Hobbs, 1945
- = *Cambarellus diminutus* Hobbs, 1945: 467, figs. 1, 2, 5, 6, 10, 12, 13, 17, 18, 25, 26 (“sand-bottomed stream, 3.5 miles south of Irvington, Mobile County, Alabama” [USA]).
- Cambarellus (Pandicambarus) lesliei* Fitzpatrick & Laning, 1976
- = *Cambarellus lesliei* Fitzpatrick & Laning, 1976: 138, fig. 1 (“0.5 mi S of Alabama Port, Mobile County, Alabama” [USA]).
- Cambarellus (Pandicambarus) ninae* Hobbs, 1950b
- = *Cambarellus ninae* Hobbs, 1950b: 89; pl. 8 (“borrow ditches in the Aransas Refuge (along East Shore Road), Aransas County, Texas” [USA]).
- Cambarellus (Pandicambarus) puer* Hobbs, 1945
- = *Cambarellus puer* Hobbs, 1945: 469, figs. 7, 8, 9, 11, 14, 16, 19, 21, 22, 24 (“seven miles west of Dayton, Liberty County, Texas, on U.S. Highway 90” [USA]).
- Cambarellus (Pandicambarus) rotatus* Schuster & Kendrick, 2017: 376, figs. 1, 2, 3, 4A–C (“Hale County, tupelo swamp, 1.8 mi NW of Stewart, along White Rd.” [Alabama, USA]).
- Cambarellus (Pandicambarus) schmitti* Hobbs, 1942b
- = *Cambarellus schmitti* Hobbs, 1942b: 149; pl. 10, figs. 176–180; pl. 19 (“small spring flowing into the Suwannee River at Branford, Suwannee County, Florida” [USA]).
- Cambarellus (Pandicambarus) shufeldtii* (Faxon, 1884)
- = *Cambarus Shufeldtii* Faxon, 1884: 134 (“near New Orleans, La.” [Louisiana, USA]).
- Cambarellus (Pandicambarus) texanus* Albaugh & Black, 1973
- = *Cambarellus texanus* Albaugh & Black, 1973: 177, fig. 1 (“ditch beside Farm Road 521, 1.5 mi S, 1 mi W of Wadsworth, 12 mi S of Bay City, Matagorda County, Texas” [USA]).
- Cambarus Erichson, 1846**
- = *Cambarus* Erichson, 1846: 95 [type species *Astacus Bartonii* Fabricius, 1798, by subsequent designation in Faxon (1898); gender masculine].
- = *Cambarus (Bartoniis)* Ortman, 1905a: 97 [type species *Cambarus bartoni* [sic] Fabricius, 1798, by original designation; gender masculine].
- = *Cambarus (Ariticambarus)* Hobbs, 1969a: 99 [type species *Orconectes hamulatus* Cope & Packard, 1881, by original designation; gender masculine].
- = *Cambarus (Depressicambarus)* Hobbs, 1969a: 102 [type species *Astacus latimanus* Le Conte, 1856, by original designation; gender masculine].
- = *Cambarus (Erebicambarus)* Hobbs, 1969a: 99 [type species *Cambarus bartoni tenebrosus* Hay, 1902a, by original designation; gender masculine].
- = *Cambarus (Hiaticambarus)* Hobbs, 1969a: 105 [type species *Cambarus longulus* Girard, 1852, by original designation; gender masculine].
- = *Cambarus (Jugicambarus)* Hobbs, 1969a: 106 [type species *Cambarus bartonii asperimanus* Faxon, 1914, by original designation; gender masculine].
- = *Cambarus (Lacunicambarus)* Hobbs, 1969a: 110 [type species *Cambarus diogenes* Girard, 1852, by original designation; gender masculine].
- = *Cambarus (Puncticambarus)* Hobbs, 1969a: 101 [type species *Cambarus extraneus* Hagen, 1870, by original designation; gender masculine].
- = *Cambarus (Tubicambarus)* Jezerinac, 1993: 534 [type species *Cambarus acanthura* Hobbs, 1981, by original designation; gender masculine].
- = *Cambarus (Veticambarus)* Hobbs, 1969a: 96 [type species *Cambarus pristinus* Hobbs, 1965, by original designation; gender masculine].
- = *Cambarus (Glareocola)* Bouchard & Bouchard, 1995: 1 [type species *Cambarus (Glareocola) williamsi* Bouchard & Bouchard, 1995, by original designation; gender masculine].
- Cambarus acanthura* Hobbs, 1981
- = *Cambarus (Lacunicambarus) acanthura* Hobbs, 1981: 215, figs. 25g, 84c, 85, 86, 220 (“field on west side of Holly Creek (farm of Homer Robison), about one mile northeast of Chatsworth, Murray County, Georgia” [USA]).
- Cambarus aculabrum* Hobbs & Brown, 1987
- = *Cambarus (Jugicambarus) aculabrum* Hobbs & Brown, 1987: 1040, figs. 1, 2a–c, e, j, n (“Logan Cave, about 11 km east of Shiloh Springs,

- Benton County, Arkansas [USA] (Gallatin Quadrangle T. 18N, R. 32W, Sec. 33; 36°11'50"N, 94°22' 50"W").
- Cambarus acuminatus* Faxon, 1884: 113 ("Saluda River, at Farr's Mills, west of Greenville, Greenville County, South Carolina" [USA] according to Hobbs, 1974b).
- Cambarus adustus* Thoma, Fetzner, Stocker & Loughman, 2016 = *Cambarus (Jugicambarus) adustus* Thoma, Fetzner, Stocker & Loughman, 2016: 176, figs. 2, 3, 4 ("roadside ditch serving as a tributary to Big Branch of Salt Lick Creek adjacent KY Rt. 898 just N of Hatcher Branch, 4.67 km SW of Charters, 3.60 km NE of Glen Springs, (38.53930, -83.46565, WGS84), Lewis County, Kentucky" [USA]).
- Cambarus aldermanorum* Cooper & Price, 2010 = *Cambarus (Puncticambarus) aldermanorum* Cooper & Price, 2010: 336, fig. 1 ("South Carolina, Chester County, South Fork Fishing Crk (trib. Catawba River, Santee River drainage), 1.2 km upstream from SR 496, ca. 3.2 air km NNW of Rodman (34.79736N, -81.09698W)" [USA]).
- Cambarus andersoni* Jones & Eversole, 2015 = *Cambarus (Hiaticambarus) andersoni* Jones & Eversole, 2015: 160, figs. 7(partim), 8(partim), 9, 10 ("Cox Creek upstream and downstream of Alabama State Route 17 crossing, 0.12 km north of junction with Alabama State Route 133, Florence, Lauderdale County, Alabama, 34.8436 degrees north latitude, -87.6744 degrees west" [USA]).
- Cambarus angularis* Hobbs & Bouchard, 1994 = *Cambarus (Cambarus) angularis* Hobbs & Bouchard, 1994: 2, fig. 1 ("Caney Valley Creek, 6.1 miles (9.8 km) southeast of Tazewell, Claiborne County, Tennessee, on U.S. Highway 25E" [USA]).
- Cambarus appalachiensis* Loughman, Welsh & Thoma, 2017 = *Cambarus (Cambarus) appalachiensis* Loughman, Welsh & Thoma, 2017: 435, figs. 2, 3 ("Pipestem Creek at intersection of Tom-Honaker Road (CR 20-3) and State Route 20, 3.3 km (2.04 mi) north-east of Pipestem, Summers County, West Virginia" [USA]).
- Cambarus asperimanus* Faxon, 1914 = *Cambarus bartonii asperimanus* Faxon, 1914: 391 ("Flat Creek, near Montreat, Buncombe Co., N. C." [North Carolina, USA]).
- Cambarus bartonii bartonii* (Fabricius, 1798) = *Astacus Bartonii* Fabricius, 1798: 407 ("America Boreali"; probably neighborhood of Philadelphia, Pa. [Pennsylvania, USA] according to Faxon, 1914). = *Astacus ciliaris* Rafinesque, 1817: 42 ("brooks near Fishkill, Newburg, &c" [all localities in New York state, USA]). = *Astacus pusillus* Rafinesque, 1817: 42 ("brooks near Saratoga, Lake George, Lake Champlain, Utica, Oswego, &c" [all localities in New York state, USA]). = *Cambarus montanus* Girard, 1852: 89 ("tributary of James River, Rockbridge Co., Virginia" [USA] according to Ortmann, 1931)]. = *Cambarus bartoni typicus* Ortmann, 1906a: 450 [no type locality indicated].
- Cambarus bartonii cavatus* Hay, 1902b: 435 ("Powell River, Tazewell, Tennessee" [USA]).
- Cambarus batchi* Schuster, 1976 = *Cambarus (Jugicambarus) batchi* Schuster, 1976: 225, fig. 1 ("burrows around ponds in the Central Kentucky Wildlife Management Area, off U.S. 421, approximately two and one-half miles SE of Kingston, Madison Co., Kentucky" [USA]).
- Cambarus bouchardi* Hobbs, 1970a = *Cambarus (Veticambarus) bouchardi* Hobbs, 1970a: 245, fig. 1 ("Perkins Creek, 6.9 miles north of Oneida, Scott County, Tennessee on U.S. Highway 27" [USA]).
- Cambarus brachydactylus* Hobbs, 1953a: 20; pl. 1 ("Louise Creek, 13.9 miles south of Clarksville, Montgomery County, Tennessee on State Highway 48" [USA]).
- Cambarus brimleyorum* Cooper, 2006a = *Cambarus (Puncticambarus) brimleyorum* Cooper, 2006a: 82, fig. 1 ("North Carolina, Cherokee Co., Valley River (Hiwassee River basin) at SR 1390 bridge, just N of junction SR 1420, ENE of Andrews (Andrews 7.5' USGS quadrangle, UTM zone 17, coordinates 243439E/3899484N)" [USA]).
- Cambarus buntingi* Bouchard, 1973a = *Cambarus (Puncticambarus) buntingi* Bouchard, 1973a: 407, fig. 1 ("Elk Creek, a tributary of Clear Fork Creek (Cumberland River system) at Co. Rd. 2345, approximately 1 mile S of Newcomb, Campbell County, Tennessee" [USA]).
- Cambarus callainus* Thoma, Loughman & Fetzner, 2014 = *Cambarus (Puncticambarus) callainus* Thoma, Loughman & Fetzner, 2014: 543, figs. 1, 2, 4 [partim] ("Russell Fork adjacent to VA Rt. 605 at county line of Dickenson and Buchanan counties, 3.79 air km NW of Davenport, 14.2 air km SE of Haysi, VA, 37.11954 N, -82.17185 W" [Virginia, USA]).
- Cambarus carinirostris* Faxon, 1914 = *Cambarus bartonii carinirostris* (Hay MS) Faxon, 1914: 384 ("Gandy Creek, Oceola, Randolph County, West Virginia" [USA]; lectotype designated by Thoma & Jezerinac, 1999: 99).
- Cambarus carolinus* (Erichson, 1846) = *Astacus (Cambarus) Carolinus* Erichson, 1846: 96 ("Greenville, Greenville County, South Carolina" [USA] according to Hobbs, 1974b; but see Hobbs & Bouchard, 1973).
- Cambarus catagius* Hobbs & Perkins, 1967: 141, figs. 1–11 ("lawn at East Whittington Street, in the southeastern section of Greensboro, Guildford County, North Carolina" [USA]).
- Cambarus caseyi* Reimer, 1966: 9, figs. 1–8 ("four miles west of Sandgap, Pope County, Arkansas, on State Highway 124" [USA]).
- Cambarus chasmodactylus* James, 1966 = *Cambarus longulus chasmodactylus* James, 1966: 14, fig. 1 ("East Fork of the Greenbrier River 9.7 mi. W. of Virginia state line on U.S. Highway 250, Pocahontas County, West Virginia" [USA]).
- Cambarus chaugaensis* Prins & Hobbs, 1972 = *Cambarus (Puncticambarus) chaugaensis* Prins & Hobbs, 1972: 413, fig. 1 ("Chauga River at Cassidy Bridge (off County Road 290), Ocnee County, South Carolina" [USA]).
- Cambarus clairitae* Schuster & Taylor, 2016 = *Cambarus (Depressicambarus) clairitae* Schuster & Taylor, 2016: 333, figs. 1, 2, 3, 4, 5A–D, 6A, 7A, 8A, 9A ("Gurley Creek, a tributary of Locust Fork in the Black Warrior River drainage, in a long riffle approximately 100 meters upstream of the State Route 79 bridge, Jefferson County, Alabama (33.7942N; -86.6867)" [USA]).
- Cambarus clivosus* Taylor, Soucek & Organ, 2006: 31, figs. 2, 3 ("seeped tributary of Dry Creek at Pea Ridge Wildlife Management Area, approximately 11.5 km WSW Smithville, De Kalb County, Tennessee (35.9205°N, -85.9271°W)" [USA]).
- Cambarus conasaugaensis* Hobbs & Hobbs, 1962 = *Cambarus (Jugicambarus) conasaugaensis* Hobbs & Hobbs, 1962: 41, figs. 1–10 ("small tributary of the Conasauga River, two miles east of Chatsworth, Murray County, Georgia on U.S. Rte. 76" [USA]).
- Cambarus coosae* Hobbs, 1981 = *Cambarus (Puncticambarus) coosae* Hobbs, 1981: 230, figs. 21c, 89a, 90, 223 ("Spring Creek, 8 miles east-southeast of Rome, Floyd County, Georgia, on U.S. Highway 411" [USA]).
- Cambarus coosawattae* Hobbs, 1981 = *Cambarus (Hiaticambarus) coosawattae* Hobbs, 1981: 150, figs. 22b, 58a, 59, 207 ("Cartecay River, 6 miles east southeast of Ellijay, just off Route S1010, near Flint Hill Church, Gilmer County, Georgia" [USA]).
- Cambarus cracens* Bouchard & Hobbs, 1976 = *Cambarus (Exilicambarus) cracens* Bouchard & Hobbs, 1976: 2, figs. 1, 2 ("Short Creek at State Route 75, 1.1 miles southwest of the junction with State Route 68 (T.8S, R.4E, Sec. 36), Marshall County, Alabama" [USA]).
- Cambarus crinipes* Bouchard, 1973b = *Cambarus (Jugicambarus) crinipes* Bouchard, 1973b: 106, fig. 1 ("White Oak Creek, a tributary of Clear Fork Creek (Big South Fork of the Cumberland River system) at U.S. 27 in Sunbright, Morgan County, Tennessee" [USA]).
- Cambarus cryptodytes* Hobbs, 1941a = *Cambarus (Cambarus) cryptodytes* Hobbs, 1941a: 110, figs. 2, 3, 7, 11, 13, 15, 18, 21, 24, 28, 29 ("two miles south of Graceville, Jackson County, Florida" [USA]).
- Cambarus cumberlandensis* Hobbs & Bouchard, 1973 = *Cambarus (Puncticambarus) cumberlandensis* Hobbs & Bouchard, 1973: 42, fig. 1 ("Poplar Cove Creek (a tributary to the East Fork of the Obey River), 5.8 miles west of Jamestown, Fentress County, Tennessee, USA, off State Route 52, just east of Helena" [USA]).
- Cambarus cymatilis* Hobbs, 1970a = *Cambarus (Depressicambarus) cymatilis* Hobbs, 1970a: 251, fig. 3 ("near the western city limits of Chatsworth, Murray County, Georgia [USA], in lawn and rose garden of Mr. Charles S. Dunn, off Chestnut Street").
- Cambarus davidi* Cooper, 2000a

- = *Cambarus (Cambarus) davidi* Cooper, 2000a: 431, fig. 1 ([USA] “North Carolina, Wake County, small intermittent stream entering cove along western shore of Falls Lake (impoundment of Neuse River), ca. 1.4 air km NW of western end of NC 98 bridge and ca. 2.6 air km W of Stony Hill (Bayleaf 5.5’ USGS quadrangle, UTM zone 17, 3984850/712190”).
- Cambarus deveesae* Bouchard & Etnier, 1979
= *Cambarus (Depressicambarus) deveesae* Bouchard & Etnier, 1979: 589, fig. 1 (“seepage area near east bank of Poplar Creek at Tennessee State Highway 61 (south side of highway) in Anderson County, Tennessee” [USA]).
- Cambarus diogenes* Girard, 1852
= *Astacus fossor* Rafinesque, 1817: 42 (“Virginia, Pennsylvania, and New York” [USA]; name suppressed for the purposes of the Law of Priority but not those of the Law of Hononymy in Opinion 522, see Anonymous, 1958a).
= *Cambarus diogenes* Girard, 1852: 88 (“neighbourhoods of the city of Washington” [D.C., USA]).
= *Cambarus nebrascensis* Girard, 1852: 91 (“Fort Pierre, Nebraska”; locality now in “Stanley County, South Dakota” [USA] according to Hobbs, 1967b).
= *Cambarus obesus* Hagen, 1870: 81; pl. 1, figs. 39–42; pl. 3, fig. 163 (“Lawn Ridge, Illinois” [USA] according to Hobbs, 1974b).
- Cambarus distans* Rhoades, 1944a: 136, fig. 9 (“Cumberland River and a small tributary, just above Cumberland Falls, McCreary County, Kentucky” [USA]).
- Cambarus diupalma* Jones & Eversole, 2015
= *Cambarus (Hiaticambarus) diupalma* Jones & Eversole, 2015: 167, figs. 12, 13 (“Mountain Fork at Old Mountain Fork Road, 2.6 air km north-east of New Market, Madison County, Alabama, 34.9180 degrees north latitude, 86.4012 degrees west longitude” [USA]).
- Cambarus doughertyensis* Cooper & Skelton, 2003
= *Cambarus (Depressicambarus) doughertyensis* Cooper & Skelton, 2003: 828, fig. 1 ([USA] “Georgia, Dougherty County, burrows in wetland just south of access road near western boundary Albany Nursery Wildlife Management Area, ca. 12.8 km W of Albany (Pretoria 7.5’ USGS quadrangle, UTM Zone 16, coord. 751779E, 3496706N”).
- Cambarus dubius* Faxon, 1884: 114 (“Terra Alta (Cranberry Summit), Preston County, West Virginia” [USA] according to Hobbs, 1974b).
- Cambarus eeseohensis* Thoma, 2005
= *Cambarus (Cambarus) eeseohensis* Thoma, 2005: 795, fig. 1 ([USA] “North Carolina Avery County, Linville River at Tanglewood Cemetery Road, off Rt. 105, 0.6 miles N of U.S. Rt. 221; 0.8 miles NW of Linville, 3.0 miles ESE of Newland; 36°04’45”N 81°52’08”W”).
- Cambarus elkensis* Jezerinac & Stocker, 1993
= *Cambarus (Hiaticambarus) elkensis* Jezerinac & Stocker, 1993: 346, fig. 1 (“Laurel Fork of the Left Fork of the Holly River at Holly River State Park campground, Webster County, Hacker Valley District, West Virginia (1.1 (air) km NNE of Hacker Valley)” [USA]).
- Cambarus englishi* Hobbs & Hall, 1972
= *Cambarus (Depressicambarus) englishi* Hobbs & Hall, 1972: 151, fig. 1 (“Tallapoosa River, in riffle area immediately downstream from City of Tallapoosa water intake, 1 mile north of Tallapoosa, Haralson County, Georgia, a few hundred yards east of bridge on State Route 100” [USA]).
- Cambarus erythroductylus* Simon & Morris, 2014
= *Cambarus (Lacunicambarus) erythroductylus* Simon & Morris, 2014: 573, figs. 1, 3, 4 (“USA: Alabama: Fayette County: Section 18, Range 12W (3.2 air km S of Fayette; 8.9 air km ENE of Belk); a roadside ditch at the intersection of State Route (St. Rte.) 171, 0.5 mi S of St. Rte. 159 (33°40’8.7”N, 87°50’7.5”W”).
- Cambarus extraneus* Hagen, 1870: 73; pl. 1, figs. 88–89; pl. 3, fig. 156 (“Tennessee River, Georgia” [USA], see Hobbs, 1974b).
- Cambarus fasciatus* Hobbs, 1981
= *Cambarus (Hiaticambarus) fasciatus* Hobbs, 1981: 156, figs. 22e, 58b, 61, 208 (“Etowah River, 0.2 mile west of State Route 52 on an unpaved road near Davis Chapel, Lumpkin County, Georgia” [USA]).
- Cambarus friaufi* Hobbs, 1953a: 24; pl. 2 (“small stream tributary of the Cumberland River at Elmwood, Smith County, Tennessee” [USA]).
- Cambarus gentryi* Hobbs, 1970b
= *Cambarus (Jugicambarus) gentryi* Hobbs, 1970b: 163, fig. 1 (“boggy area below seepage along a small tributary to Turnbull Creek (Harpeth-Cumberland drainage system), one mile west of Kingston Springs, Cheatham County, Tennessee” [USA]).
- Cambarus georgiae* Hobbs, 1981
= *Cambarus (Puncticambarus) georgiae* Hobbs, 1981: 251, figs. 21g, 87, 89d, 96, 225 (“Little Tennessee River at U.S. Highway 441 south of Dillard, Rabun County, Georgia” [USA]).
- Cambarus girardianus* Faxon, 1884: 117 (“Cypress Creek, Lauderdale Co., Ala.” [Alabama, USA]).
- Cambarus graysoni* Faxon, 1914: 393 (“Bear Creek, a tributary of Green River, Grayson Springs, Grason Co., Ky.” [Kentucky, USA]).
- Cambarus guenteri* Loughman, Henkanaththegedara, Fetzner & Thoma, 2017
= *Cambarus (Puncticambarus) guenteri* Loughman, Henkanaththegedara, Fetzner & Thoma, 2017: 468, figs. 3, 4 (“Silver Creek at Hagan Mill Road Crossing, 5.5 km (3.4 mi) southwest of Richmond, Madison County, KY, 37.69196/-84.36081” [Kentucky, USA]).
- Cambarus halli* Hobbs, 1968
= *Cambarus (Depressicambarus) halli* Hobbs, 1968: 269, figs. 12–22 (“small tributary of the Tallapoosa River, 1.3 miles south of the River on U.S. Rte. 27, Haralson County, Georgia” [USA]).
- Cambarus hamulatus* (Cope & Packard, 1881)
= *Orconectes hamulatus* Cope & Packard, 1881: 881; pl. 7, figs. 1–1b (“Nickajack Cave, Tennessee” [USA]).
- Cambarus harti* Hobbs, 1981
= *Cambarus (Depressicambarus) harti* Hobbs, 1981: 104, figs. 23c, 38b, 41, 45, 201 (“seepage and wooded area adjacent to the National Fish Hatchery at Warm Springs, Meriwether County, Georgia” [USA]).
- Cambarus hafieldi* Loughman, Fagundo, Lau, Welsh & Thoma, 2013
= *Cambarus (Cambarus) hafieldi* Loughman, Fagundo, Lau, Welsh & Thoma, 2013: 224, figs. 1, 2, 4A (“Mate Creek at CR 6 crossing in Red Jacket, Mingo County, West Virginia (37.64807°N, -82.13524°W)” [USA]).
- Cambarus hazardi* Loughman, Henkanaththegedara, Fetzner & Thoma, 2017
= *Cambarus (Puncticambarus) hazardi* Loughman, Henkanaththegedara, Fetzner & Thoma, 2017: 477, figs. 6, 7 (“Red River at KY 77 crossing in Red River Gorge National Geologic Area at the Powell/Menifee county line, KY, 37.83376/-83.65990” [Kentucky, USA]).
- Cambarus hivasenseis* Hobbs, 1981
= *Cambarus (Puncticambarus) hivasenseis* Hobbs, 1981: 256, figs. 21e, 89f, 97, 226; frontispiece (“tributary to Peachtree Creek, 0.8 miles north of Peachtree School on U.S. Alternate Highway 64, Cherokee County, North Carolina” [USA]).
- Cambarus hobbsorum* Cooper, 2001
= *Cambarus (Puncticambarus) hobbsorum* Cooper, 2001: 153, fig. 1 (“North Carolina, Union Co., Bearskin Creek (tributary Richardson Creek, Rocky River subdrainage, Yadkin-Pee Dee River basin) near NC 200 bridge, about 2.4 air km NE of center of Monroe (Monroe 7.5’ USGS quadrangle, UTM zone 17, coordinates 3872500/543500)” [USA]).
- Cambarus howardi* Hobbs & Hall, 1969
= *Cambarus (Cambarus) howardi* Hobbs & Hall, 1969: 281, figs. 1–12 (“Sope Creek, tributary to the Chattahoochee River at Paper Mill Road 1.5 miles above mouth, Cobb County, Georgia” [USA]).
- Cambarus hubbsi* Creaser, 1931
= *Cambarus (Bartoniuss) hubbsi* Creaser, 1931: 4; pls. 3, 4 (“Little Creek, tributary to the St. Francis River, one mile northeast of Chloride, Iron County, Missouri” [USA]).
- Cambarus hubrichti* Hobbs, 1952a: 689, figs. 1–8 (“stream in Lewis Cave, 15 miles northwest of Doniphan, Ripley County, Missouri” [USA]).
- Cambarus hystriococcus* Cooper & Cooper, 2003
= *Cambarus (Puncticambarus) hystriococcus* Cooper & Cooper, 2003: 921, fig. 1 (“North Carolina, Hoke County, Puppy Creek at SR 1409, ca. 2.4 air km E of Wayside (Nicholson Creek 7.5’ USGS quadrangle, UTM Zone 17, coordinates 670662E/3876690N)” [USA]).
- Cambarus jezerinaci* Thoma, 2000
= *Cambarus (Jugicambarus) jezerinaci* Thoma, 2000: 731, fig. 1 (“Virginia, Lee Co., unnamed tributary of Dry Branch, a tributary of Indian Creek of the Powell River drainage, 0.2 miles (0.32 km) east of Chadwell Gap Trail, 1.4 miles (2.25 km) north of Caylor (36°39’16”N, 83°29’55”W)” [USA]).
- Cambarus johni* Cooper, 2006b
= *Cambarus (Puncticambarus) johni* Cooper, 2006b: 67, fig. 1 (“North Carolina, Wilkes County, Stone Mountain State Park, East Prong Roaring River (Yadkin-Pee Dee River basin) at SR 1739, ca. 1.2 air km N of Joynes (Glade Valley 7.5’ USGS quadrangle, UTM zone 17, coordinates 493837E/4026042N)” [USA]).

- Cambarus jonesi* Hobbs & Barr, 1960: 19, figs. 11–20 (“Cave Spring Cave, 12.1 miles northwest of Valhermosa, Morgan County, Alabama” [USA]).
- Cambarus laconensis* Buhay & Crandall, 2009
= *Cambarus (Aviticambarus) laconensis* Buhay & Crandall, 2009: 128, figs. 5, 6 (“Lacon Exit Cave (ACS #3343), Morgan County” [= Alabama, USA]).
- Cambarus latimanus* (Le Conte, 1856)
= *Astacus latimanus* Le Conte, 1856: 402 (“Georgia superiore”; “Athens, Clarke County, Georgia” [USA] according to Hobbs, 1974b).
= *Cambarus jordani* Faxon, 1884: 119 (“Etowah River near Rome, Georgia” [USA]).
- Cambarus lenati* Cooper, 2000b
= *Cambarus (Cambarus) lenati* Cooper, 2000b: 2, fig. 1 (“North Carolina, Rutherford Co., Brier Crk at SR 1735, ca. 11.2 air km NE of town of Lanes Store (Benn Knob 7.5’ USGS quadrangle; WGS 84: N35.31.388, W81.43.130)” [USA]).
- Cambarus lentiginosus* Jones & Eversole, 2016
= *Cambarus (Hiaticambarus) lentiginosus* Jones & Eversole, 2016: 45, figs. 4a, 5a, 6, 7 (“Fowler Creek at Elkwood Section Road crossing, 1.5 km (0.9 mi) W of junction with US 231/ 431, north of Fisk, Alabama, 34.9765 degrees north latitude, 86.5857 degrees west longitude” [= Madison County, Alabama, USA]).
- Cambarus longirostris* Faxon, 1885a
= *Cambarus Bartonii* var. *longirostris* Faxon, 1885a: 64 [“Eastern Tennessee and West Virginia”; restricted to “Doe River, Carter Co., Tennessee” [USA] by Ortmann, 1931].
- Cambarus longulus* Girard, 1852: 90 [“middle states of the Union”; restricted to “Rockfish River, south of Afton, Nelson County, Virginia” [USA] by Hobbs, 1967b].
- Cambarus ludovicianus* Faxon, 1884
= *Cambarus Diogenes* var. *Ludoviciana* Faxon, 1884: 144 (“New Orleans, Louisiana” [USA]).
- Cambarus maculatus* Hobbs & Pflieger, 1988
= *Cambarus (Erebicambarus) maculatus* Hobbs & Pflieger, 1988: 644, figs. 1, 2 (“Hazel Creek at Route C, 8 miles (12.8 km) northeast of Courtois, Washington County, Missouri (T. 36N, R. 1 W, SE ¼ Sec. 24)” [USA]).
- Cambarus magerae* Thoma & Fetzner, 2015
= *Cambarus (Jugicambarus) magerae* Thoma & Fetzner, 2015: 13, fig. 1 (“South Fork Powell River, at bridge crossing on Cracker Neck Road (SSR 616) adjacent to the Big Stone Gap Water Treatment Plant, 6.14 km SE of downtown Big Stone Gap, Wise County, Virginia (36.83606, -82.70552)” [USA]).
- Cambarus manningi* Hobbs, 1981
= *Cambarus (Hiaticambarus) manningi* Hobbs, 1981: 175, figs. 22c, 58e, 67, 68, 211 (“Little Cedar Creek (Coosa River basin) near school for deaf on outskirts of Cave Spring, Floyd County, Georgia” [USA]).
- Cambarus miltus* Fitzpatrick, 1978b
= *Cambarus (Lacunicambarus) miltus* Fitzpatrick, 1978b: 749, figs. 1–13 (“burrows along d’Olive Creek under old highway 98 bridge, 0.1 mi. (161 m) S of the junction of U.S. Highways 90, 98, and I-10 at Spanish Fort, Baldwin County, Alabama” [USA]).
- Cambarus monongalensis* Ortmann, 1905c: 395 (“Edgewood Park, Allegheny County, Pennsylvania” [USA] according to Hobbs, 1974b).
- Cambarus nerterius* Hobbs, 1964: 189; pl. 1 (“Matt’s Black Cave, 2 miles south of Renick, Greenbrier County, West Virginia” [USA]).
- Cambarus nodosus* Bouchard & Hobbs, 1976
= *Cambarus (Jugicambarus) nodosus* Bouchard & Hobbs, 1976: 8, fig. 3 (“small unnamed tributary of North Potato Creek (Hiwassee River system via Ocoee River) between 0.7 and 0.9 mile west of the Tennessee-North Carolina border on U.S. Highway 64, Polk County, Tennessee” [USA]).
- Cambarus obeyensis* Hobbs & Shoup, 1947: 138; pl. 1 (“Big Hurricane Creek on the Monterey-Clark Range road at the Putnam-Cumberland County line in Tennessee” [USA]).
- Cambarus obstipus* Hall, 1959: 221; pl. 1 (“Black Warrior River at Underwood’s Ferry, 8 miles downstream from Cordova, Walker County, Alabama” [USA]).
- Cambarus ortmanni* Williamson, 1907: 754; pl. 35 (“Six-Mile Creek and Craven Ditch, tributary to Wabash River, above Bluffton, Wells County, Indiana” [USA] according to Hobbs, 1974b).
- Cambarus parrishi* Hobbs, 1981
= *Cambarus (Puncticambarus) parrishi* Hobbs, 1981: 263, figs. 21d, 89e, 99, 227 (“Hiwassee River, 2 miles north of the junction of Georgia Routes 17 and 66 on Route 17, approx. 7 miles southeast of Hiwassee” [= Towns County, Georgia, USA]).
- Cambarus parvoculus* Hobbs & Shoup, 1947: 142; pl. 2 (“unnamed small clear swift spring-fed rocky stream tributary to Big Hurricane Creek in the southwest corner of Fentress County, Tennessee, northwest of Clark Range and south-southeast of Wilder, Fentress County” [USA]).
- Cambarus pauleyi* Loughman, Thoma, Fetzner & Stocker, 2015
= *Cambarus (Jugicambarus) pauleyi* Loughman, Thoma, Fetzner & Stocker, 2015: 534, figs. 5, 6 (“seepage stream adjacent to Moncove Lake State Park Playground, 2.0 km (1.3 mi) northwest of Roxalia, Monroe County, West Virginia (37.620745 N, -83.352988 W)” [USA]).
- Cambarus pecki* (Hobbs, 1967a)
= *Procambarus pecki* Hobbs, 1967a: 2, figs. 1–12 (“McKinney Pit Cave (Alabama Cave Survey, no. A-620), about 2.5. miles west of Tuscomb, Colbert County, Ala. (Sec. 10, T 4S, R12W)” [Alabama, USA]).
- Cambarus polychromatus* Thoma, Jezerinac & Simon, 2005
= *Cambarus (Tubericambarus) polychromatus* Thoma, Jezerinac & Simon, 2005: 326, fig. 1 (“banks and flood plain of Flat Creek, tributary of Hall Creek, Patoka River basin, at Co. Rd. 124S culvert crossing, Pike Co., Indiana (38.4019°N, 87.3066°W)” [USA]).
- Cambarus pristinus* Hobbs, 1965: 268; pl. 1 (“White Oak Creek, a tributary to the Caney Fork of the Cumberland River, 3.9 miles east of the White-Cumberland County line and 0.1 miles south of US Rte. 70S” [Cumberland County, Tennessee, USA]).
- Cambarus pyronotus* Bouchard, 1978
= *Cambarus (Depressicambarus) pyronotus* Bouchard, 1978: 37, fig. 9 (“tributary of the Apalachicola River south of Indian Ridge, Torreya State Park, Liberty County, Florida” [USA]).
- Cambarus reburrus* Prins 1968: 458, figs. 1–11 (“small tributary to the Horsepasture River from Sapphire (= Fairfield) Lake off U.S. 64, 5.5 miles east of Cashiers, Jackson County, North Carolina” [USA]).
- Cambarus reduncus* Hobbs, 1956a: 61, figs. 1–11 (“flood plain pools of Little River, 10.3 mi. W. of Winnsboro, Fairfield Co., S.C., on Rte. 22” [= Fairfield County, South Carolina, USA]).
- Cambarus reflexus* Hobbs, 1981
= *Cambarus (Depressicambarus) reflexus* Hobbs, 1981: 120, figs. 23c, 38a, 39h, 52, 203 (“Savannah River floodplain at U.S. Highway 301, Allendale County, South Carolina” [USA]).
- Cambarus robustus* Girard, 1852: 90 (“Humber River, near Toronto [Canada]”).
- Cambarus rusticiformis* Rhoades, 1944a: 133, fig. 8 (“Little River, ½ mi. w. of Cadiz, Trigg County, Kentucky” [USA]).
- Cambarus sciotoensis* Rhoades, 1944b
= *Cambarus bartoni sciotoensis* Rhoades, 1944b: 96 (“limestone cliffs below O’Shaughnessy Dam, Scioto River, Sec. 3, Liberty Twp., Delaware County, Ohio” [USA]).
- Cambarus scotti* Hobbs, 1981
= *Cambarus (Puncticambarus) scotti* Hobbs, 1981: 238, figs. 21b, 89b, 92, 228 (“Clarks Creek, 1 mile north of Holland, Chattooga County, Georgia, on State Route 100” [USA]).
- Cambarus setosus* Faxon & Garman in Garman, 1889: 237; pl. 1, figs. 1, 2, 3, 7; pl. 2, fig. 1 (“Wilson’s Cave (Whisner Cave, 2 miles northwest of Sarcocixie, T.27N, R.29W, sec. 6], Jasper County, Missouri” [USA] according to Hobbs, 1974b).
= *Cambarus ayersii* Steele, 1902: 18; pl. 5, fig. A; pl. 6, fig. 14 (“Fisher’s Cave, near Springfield, Missouri” [USA]).
- Cambarus smilax* Loughman, Simon & Welsh, 2011
= *Cambarus (Puncticambarus) smilax* Loughman, Simon & Welsh, 2011: 100, figs. 1, 2 (“West Fork of Greenbrier River in Breacher, 7.72 km (4.8 mi) from origin of Forest Service road 44 in Durbin, Pocahontas County, West Virginia, (38.60119°N, 79.82171°W)” [USA]).
- Cambarus speciosus* Hobbs, 1981
= *Cambarus (Hiaticambarus) speciosus* Hobbs, 1981: 181, figs. 22g, 58f, 69, 212 (“Talking Rock Creek at State Route 5, Pickens County, Georgia” [USA]).
- Cambarus speleocoopi* Buhay & Crandall, 2009
= *Cambarus (Aviticambarus) speleocoopi* Buhay & Crandall, 2009: 125, figs. 3, 4 (“Kellers Cave (Alabama Cave Survey, ACS#326, Marshall County)” [Alabama, USA]).
- Cambarus sphenoides* Hobbs, 1968: 262, figs. 1–11 (“tributary to Clear Creek (Emory River drainage), 11.2 miles north of Crossville, Cumberland County, Tennessee, on U.S. Rte. 127” [USA]).

- Cambarus spicatus* Hobbs, 1956b: 116, figs. 1–11 (“Little River, 10.3 miles west of Winnsboro, South Carolina, Fairfield County, on St. Rte. 22” [USA]).
- Cambarus stockeri* Thoma, 2011
= *Cambarus* (*Tubericambarus*) *stockeri* Thoma, 2011: 319, fig. 1 (“south shore flood plain of Ramsey Branch (Blackburn Branch), a tributary of Coahuilla Creek, Conasauga River basin, just upstream Hunt Road SE bridge crossing, Bradley County, Tennessee (35.04936°N, -84.86681°W)” [USA]).
- Cambarus striatus* Hay, 1902b
= *Cambarus latimanus striatus* Hay, 1902b: 437 (“Nashville, Tenn.” [Tennessee, USA]).
= *Cambarus* (*Cambarus*) *floridanus* Hobbs, 1941a: 114, figs. 1, 4, 5, 8, 9, 16, 19, 22, 25, 31, 32 (“Cryptolabis Ravine, 12 miles west of Tallahassee on State Highway 19, Leon County, Florida” [USA]).
- Cambarus strigosus* Hobbs, 1981
= *Cambarus* (*Depressicambarus*) *strigosus* Hobbs, 1981: 134, figs. 23d, 39j, 56, 205 (“roadside ditch within 30 meters of Susan Smith Branch (tributary to Long Creek and the Broad River) west of State Route 17 on unnumbered county road, Wilkes County, Georgia” [USA]).
- Cambarus subterraneus* Hobbs, 1993
= *Cambarus* (*Jugicambarus*) *subterraneus* Hobbs, 1993: 719, figs. 1, 2a, b, e, k, o, p (“Twin Cave, Delaware County, Oklahoma (Choleta Quadrangle, T. 23N, R. 22E)” [USA]).
- Cambarus tartarus* Hobbs & Cooper, 1972
= *Cambarus* (*Jugicambarus*) *tartarus* Hobbs & Cooper, 1972: 51, figs. 1–12 (“Stansberry-January Cave System, 4 miles north of Colcord (T.21N, R.22E, Sec 11), Delaware County, Oklahoma, in the Spavinaw Creek drainage of the Arkansas River Basin” [USA]).
- Cambarus taylori* Loughman, Henkanaththegedara, Fetzner & Thoma, 2017
= *Cambarus* (*Puncticambarus*) *taylori* Loughman, Henkanaththegedara, Fetzner & Thoma, 2017: 482, figs. 9, 10 (“Fourmile Fork at Houston Road (KY 1114) crossing, 1.9 km (1.2 mi) southeast of Turkey, Breathitt County, 37.46333/-83.49893” [Kentucky, USA]).
- Cambarus tenebrosus* Hay, 1902a
= *Cambarus bartoni tenebrosus* Hay, 1902a: 232 (“Mammoth Cave, Kentucky” [USA]).
= *Cambarus bartonii laevis* Faxon, 1914: 391 (“Bloomington, Ind.” [Indiana, USA]).
= *Cambarus* (*Cambarus*) *cahni* Rhoades, 1941: 146, fig. 36 (“Belgreen Cave, NW¼SW¼ sec. 12, T. 7 S., R. 13 W., Franklin County, Ala.” [Alabama, USA]).
= *Cambarus bartoni ornatus* Rhoades, 1944a: 144, fig. 10 (“Ellis Branch 4 mi. W of Carrollton, Carrol County, Kentucky” [USA]).
- Cambarus theepiensis* Loughman, Foltz, Garrison & Welsh, 2013
= *Cambarus* (*Puncticambarus*) *theepiensis* Loughman, Foltz, Garrison & Welsh, 2013: 64, figs. 1, 2 (“left fork of Millers Branch, 2.2 miles (3.54 km) from CR 22/CR 27 intersection on CR 22, 0.05 mi (0.08 km) north of Crockett, Wayne County, West Virginia (38.23766°N, -82.37685°W)” [USA]).
- Cambarus thomai* Jezerinac, 1993
= *Cambarus* (*Tubericambarus*) *thomai* Jezerinac, 1993: 536, fig. 4 (“roadside ditch on the property of the Union Elementary School at the intersection of State Route (St Rte) 79 and County Road (Co Rd) 18, Section 22, Perry Township, Coshocton County, Ohio (2.1 air km NW of West Carlisle; 5.6 air km SSE of New Guilford), 40°12'4"N, 82°07'50"W” [USA]).
- Cambarus truncatus* Hobbs, 1981
= *Cambarus* (*Depressicambarus*) *truncatus* Hobbs, 1981: 140, figs. 23b, 38f, 39k, m, 57, 206 (“roadside ditch 15.4 miles east of Irwinton, Wilkinson County, Georgia, on state Route 57” [USA]).
- Cambarus tuckasegee* Cooper & Schofield, 2002
= *Cambarus* (*Jugicambarus*) *tuckasegee* Cooper & Schofield, 2002: 372, fig. 1 (“North Carolina, Jackson County, Soco Creek off US 19 at US 441 Bus, SE of Cherokee (Swain County) (Whittier USGS 7.5' quadrangle, UTM Zone 17, coordinates 290790E, 3927400N” [USA]).
- Cambarus unestami* Hobbs & Hall, 1969
= *Cambarus* (*Depressicambarus*) *unestami* Hobbs & Hall, 1969: 287, figs. 13–24 (“Daniel Creek, 2.5 miles west of Walker County line on State Route 143, Dade County, Georgia” [USA]).
- Cambarus veitchorum* Cooper & Cooper, 1997a
= *Cambarus* (*Aziticambarus*) *veitchorum* Cooper & Cooper, 1997a: 608, fig. 1 (“Alabama, Limestone County, subterranean stream in White Spring Cave, NW of Holland Gin (Tanner 7.5' USGS Quadrangle, Sec. 11, T.5S, R.4W)” [USA]).
- Cambarus veteranus* Faxon, 1914
= *Cambarus bartonii veteranus* Faxon, 1914: 389; pl. 13, fig. 2 (“Indian Creek, Baileysville, Wyoming County, W. Va.” [West Virginia, USA]).
- Cambarus williamsi* Bouchard & Bouchard, 1995
= *Cambarus* (*Glareocola*) *williamsi* Bouchard & Bouchard, 1995: 2, figs. 1, 2b (“Brawleys Fork at Country Rd. 4401, 1.6 km southwest of Bradyville, Cannon County, Tennessee” [USA]).
- Cambarus zophonastes* Hobbs & Bedinger, 1964: 11; pl. 1, figs. 1, 2, 4–11 (“Hell Creek Cave, Stone County, Arkansas (NE¼, NE¼. Sec. 30, T. 15 N, R. 10 W)” [USA]).
- Creaserinus* Hobbs, 1973a**
= *Fallicambarus* (*Creaserinus*) *Hobbs*, 1973a: 463 [type species *Astacus fodiens* Cottle, 1863, by original designation; gender masculine].
- Creaserinus burrisi* (Fitzpatrick, 1987b)
= *Fallicambarus* (*Creaserinus*) *burrisi* Fitzpatrick, 1987b: 433, figs. 1, 2a-d (“saturated sandy soil of hillside *Sarracenia* bog; T4N, R5W, E/2 Sec. 21, Greene County, Mississippi” [USA]).
- Creaserinus byersi* (Hobbs, 1941a)
= *Cambarus* (*Cambarus*) *byersi* Hobbs, 1941a: 118, figs. 6, 10, 14, 17, 20, 23, 26, 27, 30 (“narrow swampy area along Phifer Creek, 5.5 miles northwest of Pensacola, Escambia County, Florida, near United States Highway 9” [USA]).
- Creaserinus caesius* (Hobbs, 1975)
= *Fallicambarus* (*Creaserinus*) *caesius* Hobbs, 1975: 24, fig. 7 (“roadside ditch at Hot Spring-Saline county line, Arkansas, on State Route 67” [USA]).
- Creaserinus danielae* (Hobbs, 1975)
= *Fallicambarus* (*Creaserinus*) *danielae* Hobbs, 1975: 28, fig. 8 (“roadside ditch 9.0 miles east of Ocean Springs, Jackson County, Mississippi, on U.S. Highway 90” [USA]).
- Creaserinus fodiens* (Cottle, 1863)
= *Astacus fodiens* Cottle, 1863: 217 (“Upper Canada”; probably “Ontario, Canada” according to Hobbs, 1974b).
= *Cambarus argillicola* Faxon, 1884: 115 (“Detroit, Michigan” [USA] according to Faxon, 1914).
= *Cambarus Uhleri* Faxon, 1884: 116 (“swamp on Eastern Road near Felsbury, Somerset Co., Maryland” [USA] according to Faxon, 1914).
= *Cambarus hedgpethi* Hobbs, 1948a: 224, fig. 17 (“lower middle part of the Aransas National Wildlife Refuge, Aransas County, Texas” [USA]).
- Creaserinus gilpini* (Hobbs & Robison, 1989)
= *Fallicambarus* (*Creaserinus*) *gilpini* Hobbs & Robison, 1989: 684, figs. 1q, 11 (“roadside seepage 3.1 mi south of southern junction of State Route 54 and U.S. Highway 79 at junction of latter with Pepperidge Road (T7S, R10W, Sec19), approximately 11 miles south of Pine Bluff and about 3 miles north of Cleveland County line, Jefferson County, Arkansas” [USA]).
- Creaserinus gordonii* (Fitzpatrick, 1987b)
= *Fallicambarus* (*Creaserinus*) *gordonii* Fitzpatrick, 1987b: 439, figs. 2e–i, 3 (“DeSoto National Forest, Camp Shelby Military Reservation, T2N, R10W, Sec/4 NE/4 SE/4 Sec. 5, Perry County, Mississippi” [USA]).
- Creaserinus hortoni* (Hobbs & Fitzpatrick, 1970)
= *Fallicambarus hortoni* Hobbs & Fitzpatrick, 1970: 829, figs. 1–12 (“roadside ditch leading into a small tributary of Cypress Creek, 7.5 miles east of the Hardeman County line on State Route 57 (Hatchie River drainage), McNairy County, Tennessee” [USA]).
- Creaserinus oryktes* (Penn & Marlow, 1959)
= *Cambarus oryktes* Penn & Marlow, 1959: 197, figs. 1–14 (“roadside ditch at Altou, St. Tammany Parish, La.” [Louisiana, USA]).
- Distocambarus* Hobbs, 1981**
***Distocambarus* (*Distocambarus*) Hobbs, 1981**
= *Procambarus* (*Distocambarus*) *Hobbs*, 1981: 301 [type species *Procambarus* (*Distocambarus*) *devexus* Hobbs, 1981, by original designation; gender masculine].
- Distocambarus* (*Distocambarus*) *crockeri* Hobbs & Carlson, 1983
= *Distocambarus crockeri* Hobbs & Carlson, 1983: 421, fig. 1 (“roadside ditch 0.7 miles south of Parksville, McCormick County, South Carolina, on U.S. Highway 221” [USA]).
- Distocambarus* (*Distocambarus*) *devexus* (Hobbs, 1981)
= *Procambarus* (*Distocambarus*) *devexus* Hobbs, 1981: 302, figs. 11j, 115–117, 234 (“marshy area under bridge within 200 meters south of and in the flood plain of the Broad River on State Route 17, Wilkes County, Georgia” [USA]).
- Distocambarus* (*Fitzcambarus*) Hobbs, 1983**

- = *Distocambarus (Fitzcambarus) Hobbs, 1983*: 430 [type species *Distocambarus (Fitzcambarus) carlsoni* Hobbs, 1983, by monotypy and original designation; gender masculine].
- Distocambarus (Fitzcambarus) carlsoni* Hobbs, 1983: 430, fig. 1 (“swampy area bordering an unnamed tributary of the Saluda River about 1 mile north of State Route 81 on Route 106” [Anderson County, South Carolina, USA]).
- Distocambarus (Fitzcambarus) hunteri* Fitzpatrick & Eversole, 1997: 272, fig. 1 (“runoff drainage just west of State Route 391 at junction of State Route 194; 34°05'26.8"N 81°34'88.1"W; Saluda River drainage, Saluda Co., South Carolina” [USA]).
- Distocambarus (Fitzcambarus) youngineri* Hobbs & Carlson, 1985: 82, fig. 1 (“area adjacent to small woodland pool, about 50 m southwest of State Route 58 on Route 22 (11 airmiles due west of Newberry, Newberry County, South Carolina) (34°18'N, 81°48'W)” [USA]).
- Fallicambarus Hobbs, 1969a**
- = *Fallicambarus Hobbs, 1969a*: 111 [type species *Cambarus strawni* Reimer, 1966; by original designation; gender masculine].
- = *Procambarus (Tenuicambarus) Hobbs, 1972b*: 12 [type species *Procambarus tenuis* Hobbs, 1950a; by original designation; gender masculine].
- Fallicambarus devastator* Hobbs & Whiteman, 1987
- = *Fallicambarus (Fallicambarus) devastator* Hobbs & Whiteman, 1987: 403, figs. 1, 2 (“prairie grassland at Angelina County Airport in Burke Community, about 5 miles (8 km) south of Lufkin, Angelina County, Texas” [USA]).
- Fallicambarus dissitus* (Penn, 1955)
- = *Cambarus dissitus* Penn, 1955: 73, figs. 1–13 (“stream three miles east of Choudrant, Lincoln Parish, Louisiana” [USA]).
- Fallicambarus harpi* Hobbs & Robison, 1985
- = *Fallicambarus (Fallicambarus) harpi* Hobbs & Robison, 1985: 1035, fig. 1 (“seepage area located 0.2 mile east of Glenwood, Pike County, Arkansas (Sec. 1, R. 24W, T. 5S) on U.S. Highway 70, on the property of Milburn Dillard” [USA]).
- Fallicambarus houstonensis* Johnson, 2008
- = *Fallicambarus (Fallicambarus) houstonensis* Johnson, 2008: 1, figs. 1, 2, 3, 4a, c–e, 5, 6, 7, 8 (“powerline right of way near the junction of Rt. 105 and Truman Road, approximately 3 km (1.8 mi) ESE of Cleveland, Liberty County, Texas (30°20.122' N 95°03.759' W)” [USA]).
- Fallicambarus jeanae* Hobbs, 1973a
- = *Fallicambarus (Fallicambarus) jeanae* Hobbs, 1973a: 463, fig. 1 (“seepage area, 1.8 miles east of the Clark County line, Hot Springs County, Arkansas, on State Route 84” [USA]).
- = *Fallicambarus (Fallicambarus) spectrum* Hobbs, 1973a: 469, fig. 2 (“roadside ditch, 2 miles east of Daisy, Pike County, Arkansas, on U.S. Highway 70” [USA]).
- Fallicambarus kountzeae* Johnson, 2008
- = *Fallicambarus (Fallicambarus) kountzeae* Johnson, 2008: 13, figs. 11–17 (“grassy highway right of way in loblolly pine forest, Hwy. 69, 2.2 km (1.3 mi) north Rt. 1003, Hardin County, Texas (30°26.6' N 94°23.1' W)” [USA]).
- Fallicambarus macneesei* (Black, 1967)
- = *Cambarus macneesei* Black, 1967: 173; figs. 1–12 (“roadside ditches along East McNeese Road, 1.8 miles west of intersection of East McNeese Road and Louisiana Highway 14, Lake Charles, Calcasieu Parish, Louisiana” [USA]).
- Fallicambarus petilicarpus* Hobbs & Robison, 1989
- = *Fallicambarus (Fallicambarus) petilicarpus* Hobbs & Robison, 1989: 661, figs. 3, 4a (“roadside seepage 0.2 mile east of the Columbia County line on State Route 57, Union County, Arkansas (T16S, R18W, Sec 21)” [USA]).
- Fallicambarus schusteri* Taylor & Robison, 2016: 576, figs. 1, 2 (“roadside ditches along Co. Rd. 2190, 0.4 mi SW town of Haworth, McCurtain County, Oklahoma (33.8376, -94.6608)” [USA]).
- Fallicambarus strawni* (Reimer, 1966)
- = *Cambarus strawni* Reimer, 1966: 11, figs. 9–18 (“2.7 miles north of Dierks, Howard County, Arkansas, on State Highway 4” [USA]).
- Fallicambarus tenuis* (Hobbs, 1950a)
- = *Procambarus tenuis* Hobbs, 1950a: 194, figs. 1–12 (“six miles east of Page and just west of Oklahoma state line, Le Flore Co., Oklahoma” [USA]).
- Fallicambarus wallsi* Johnson, 2011a
- = *Fallicambarus (Fallicambarus) wallsi* Johnson, 2011a: 59, figs. 1, 2a–h, 3, 4a–h, 5a–d (“roadside ditch and culvert pool, Rt. 1 3.5 km (2.2 miles) south intersection with Rt. 184, Sabine County, Texas (31.32498, -93.97711)” [USA]).
- Faxonella Creaser, 1933**
- = *Faxonius (Faxonella) Creaser, 1933*: 21 [type species *Cambarus clypeatus* Hay, 1899, by monotypy; gender feminine].
- Faxonella beyeri* (Penn, 1950a)
- = *Orconectes (Faxonella) beyeri* Penn, 1950a: 166, figs. 1–9 (“roadside ditch on U.S. Route 84, 2 miles northeast of Naborton, De Soto Parish, La.” [Louisiana, USA]).
- Faxonella blairi* Hayes & Reimer, 1977: 1, figs. 1–7 (“woodland swamp approximately 100 yards W of U.S. Hwy. 259 on N side of the Little River, 7 mi S of Broken Box, McCurtain County, Oklahoma” [USA]).
- Faxonella clypeata* (Hay, 1899)
- = *Cambarus clypeatus* Hay, 1899: 122, fig. 2 (“Bay St. Louis, Mississippi” [USA]).
- Faxonella creaseri* Walls, 1968: 413, figs. 1–9 (“Louisiana, Caldwell Parish, roadside ditch 3.0 mi. N. of Grayson on U.S. Hwy. 165” [USA]).
- Faxonius Ortman, 1905a**
- = *Faxonius Ortman, 1905a*: 97 [type species *Astacus limosus* Rafinesque, 1817, by original designation; gender masculine].
- = *Orconectes (Billecambarus) Fitzpatrick, 1987a*: 47 [type species *Cambarus Harrisonii* Faxon, 1884, by original designation; gender masculine].
- = *Orconectes (Buannulifictus) Fitzpatrick, 1987a*: 49 [type species *Cambarus palmeri* Faxon, 1884, by original designation; gender masculine].
- = *Orconectes (Crockerinus) Fitzpatrick, 1987a*: 50 [type species *Cambarus Sanbornii* Faxon, 1884, by original designation; gender masculine].
- = *Orconectes (Gremicambarus) Fitzpatrick, 1987a*: 53 [type species *Cambarus virilis* Hagen, 1870, by original designation; gender masculine].
- = *Orconectes (Procericambarus) Fitzpatrick, 1987a*: 57 [type species *Cambarus forceps* Faxon, 1884, by original designation; gender masculine].
- = *Orconectes (Rhoadesius) Fitzpatrick, 1987a*: 58 [type species *Cambarus sloanii* Bundy in Forbes, 1876, by original designation; gender masculine].
- = *Orconectes (Tragulicambarus) Fitzpatrick, 1987a*: 60 [type species *Cambarus lancifer* Hagen, 1870, by original designation; gender masculine].
- = *Orconectes (Trisellescens) Bouchard & Bouchard, 1995*: 18 [type species *Orconectes etnieri* Bouchard & Bouchard, 1976a, by original designation; gender masculine].
- Faxonius acares* (Fitzpatrick, 1965)
- = *Orconectes leptogonopodus acares* Fitzpatrick, 1965: 87, figs. A–J (“stream tributary to Ouachita River, 6 mi. northwest of Mt. Ida, Montgomery County, Arkansas” [USA]).
- Faxonius alabamensis* (Faxon, 1884)
- = *Cambarus Alabamensis* Faxon, 1884: 125 (“Second Creek, Waterloo, Lauderdale Co., Ala.” [Alabama, USA]).
- Faxonius alluvius* (Simon & McMurray, 2014)
- = *Orconectes (Crockerinus) alluvius* Simon & McMurray, 2014: 354, figs. 1, 2 (“Indiana, Greene County: Plummers Creek, at CR 150 E bridge (Old Iron Mountain Road), tributary of West Fork White River, Wabash River basin, 2.66 mi SE Bloomfield, Richland Township, 39.994083N, -86.912754W” [USA]).
- Faxonius barrenensis* (Rhoades, 1944a)
- = *Orconectes rusticus barrenensis* Rhoades, 1944a: 125, fig. 6 (“Barren River, at Beech Bend, 2 mi. n. of Bowling Green, Warren County, Kentucky” [USA]).
- Faxonius bisectus* (Rhoades, 1944a)
- = *Orconectes bisectus* Rhoades, 1944a: 129, fig. 7 (“Brushy Fork, 1 mi. w. of Repton, Crittenden County, Kentucky” [USA]).
- Faxonius burri* (Taylor & Sabaj, 1998)
- = *Orconectes burri* Taylor & Sabaj, 1998: 645; fig. 1 (“Wildcat Creek at Kentucky Hwy. 280, 12.6 km E Murray, Calloway County, Kentucky” [USA]).
- Faxonius carolinensis* (Cooper & Cooper, 1995)
- = *Orconectes (Procericambarus) carolinensis* Cooper & Cooper, 1995: 67, fig. 1 (“North Carolina, Jones County, Trent River (Neuse River basin) at State Road (SR) 1129 near junction SR1131, ca. 4.5 air mi (7.2 air km) NNE of Comfort (Philips Crossroads USGS Quadrangle, UTM coordinates 3882150/275010” [USA]).
- Faxonius castaneus* (Johnson, 2010)
- = *Orconectes (Gremicambarus) castaneus* Johnson, 2010: 11, figs. 9, 10, 11, 12a–h, 13a–j (“Lake Brownwood near its spillway, Brown County, Texas (31.84319° N, 99.00236° W)” [USA]).
- Faxonius causeyi* (Jester, 1967)
- = *Orconectes causeyi* Jester, 1967: 518, figs. 1–12 (“Conchas Reservoir, San Miguel Co. (State Road 104), 32 mi NW of Tucumcari, New Mexico” [USA]).
- Faxonius chickasawae* (Cooper & Hobbs, 1980)

- = *Orconectes chickasawae* Cooper & Hobbs, 1980: 29, fig. 10 ("Town Creek, 3.5 miles (5.6 km) southeast of Muldon, 3 miles (4.8 km) east of State Route 45W (CS: T 16S, R 7E, Sec 7 and 18), Monroe County, Mississippi" [USA]).
- Faxonius compressus* (Faxon, 1884)
= *Cambarus compressus* Faxon, 1884: 127 ("Second Creek, Waterloo, Lauderdale Co., Ala." [Alabama, USA] according to Faxon, 1914).
- Faxonius cooperi* (Cooper & Hobbs, 1980)
= *Orconectes cooperi* Cooper & Hobbs, 1980: 17, fig. 7. ("Brier Fork of the Flint River at U.S. Highway 231–431, about 2 miles (3.2 km) north of Meridianville (T 2S, R 1E, Sec 7), Madison County, Alabama" [USA]).
- Faxonius cristavarius* (Taylor, 2000)
= *Orconectes cristavarius* Taylor, 2000: 144, fig. 14 ("Red River at Kentucky Highway 77, 5.6 km NE of Nada, Powell/Menifee County, Kentucky" [USA]).
- Faxonius cyanodigitus* (Johnson, 2010)
= *Orconectes (Hespericambarus) cyanodigitus* Johnson, 2010: 3, figs. 2, 3, 4, 5, 8 ("Pat Mayse Lake, Lamar County, Texas (33.84353° N, 95.54163° W)" [USA]).
- Faxonius deanae* (Reimer & Jester, 1975)
= *Orconectes deanae* Reimer & Jester, 1975: 17, figs. 1–8 ("Conchas Lake, located at the junction of the Conchas and South Camadian Rivers in San Miguel County, on State Road 104, approx. 32 miles NW of Tucumcari, New Mexico" [USA]).
- Faxonius difficilis* (Faxon, 1898)
= *Cambarus difficilis* Faxon, 1898: 656; pl. 65, figs. 1–4 ("McAlester, Pittsburg County, Oklahoma" [USA] according to Hobbs, 1974b).
- Faxonius durelli* (Bouchard & Bouchard, 1995)
= *Orconectes (Procericambarus) durelli* Bouchard & Bouchard, 1995: 9, figs. 3, 4a ("Green River, off Tn Hwy 13, 2.4 km south of U.S. Hwy 64, Wayne County, Tennessee" [USA]).
- Faxonius erichsonianus* (Faxon, 1898)
= *Orconectes erichsonianus* Faxon, 1898: 659; pl. 64; figs. 7–12 ("Rip Roaring Fork, 5 miles northwest of Greeneville, Green County, Tennessee" [USA] according to Hobbs, 1974b).
= *Cambarus spinosus gultelmi* Faxon, 1914: 375 ("small stream flowing from a pond fed by the cave stream known as John Ross Spring, near Rossville, Walker Co., Georgia" [USA]).
- Faxonius etnieri* (Bouchard & Bouchard, 1976a)
= *Orconectes etnieri* Bouchard & Bouchard, 1976a: 459, fig. 1 ("Robinson Creek at Tennessee State Highway 57 (Tennessee River system), Hardin County, Tennessee" [USA]).
- Faxonius eupunctus* (Williams, 1952)
= *Orconectes eupunctus* Williams, 1952: 330; pl. 1, figs. 1–8 ("Eleven Point River at Riverton, Oregon County, Missouri" [USA]).
- Faxonius forceps* (Faxon, 1884)
= *Cambarus forceps* Faxon, 1884: 133 ("Cyprus Creek, Lauderdale Co., Ala." [Alabama, USA]).
- Faxonius harrisonii* (Faxon, 1884)
= *Cambarus harrisonii* Faxon, 1884: 130 ("Irondale, Washington County, Missouri" [USA] according to Hobbs, 1974b).
- Faxonius hartfieldi* (Fitzpatrick & Suttkus, 1992)
= *Orconectes hartfieldi* Fitzpatrick & Suttkus, 1992: 70, fig. 1 ("Turkey Creek, about 6 mi (9.7 km) northeast of Coffeerville, 0.2 mi (0.3 km) east of State Route 32; T25N, R7E section 18, Yalobusha County, Mississippi" [USA]).
- Faxonius hathawayi blacki* (Walls, 1972)
= *Orconectes difficilis blacki* Walls, 1972: 454, figs. 3a–e, 4a ("Louisiana, Beauregard Parish, Bearhead Creek on La. St. Hwy. 109, 4 mi. SW Juanita" [USA]).
- Faxonius hathawayi hathawayi* (Penn, 1952)
= *Orconectes (Orconectes) hathawayi* Penn, 1952: 1; pl. 1, figs. 1–13 ("Spring Creek, 5.1 mi. east of Hinston (on Louisiana state highway 85), Rapides Parish, Louisiana" [USA]).
- Faxonius hobbsi* (Penn, 1950b)
= *Orconectes hobbsi* Penn, 1950b: 381, figs. 1–10 ("headwater creek of Bayou Lacombe at St. Tammany (6 miles north of Lacombe on Louisiana State Highway 187), St. Tammany Parish, La." [Louisiana, USA]).
- Faxonius holti* (Cooper & Hobbs, 1980)
= *Orconectes holti* Cooper & Hobbs, 1980: 23, figs. 8, 9. ("Bogue Chitto Creek, 2.3 miles (3.7 km) west of Marion on State Route 14 (T 19N, R 7E, Sec 11), Perry County, Alabama" [USA]).
- Faxonius hylas* (Faxon, 1890)
= *Cambarus hylas* Faxon, 1890: 632 ("West Fork of Black River, Reynolds County, Missouri" [USA]).
- Faxonius illinoiensis* (Brown, 1956)
= *Orconectes illinoiensis* Brown, 1956: 163, figs. 1–9 ("Cypress Creek, 3¼ mi. south of Mt. Pleasant, Union County, Illinois" [USA]).
- Faxonius immunis* (Hagen, 1870)
= *Cambarus immunis* Hagen, 1870: 71; pl. 1, figs. 101, 102; pl. 3, fig. 160; pl. 8, fig. b ("Lawn Ridge, Marshall County, Illinois" [USA] according to Hobbs, 1974b).
= *Cambarus signifer* Herrick, 1882: 253, fig. 7 ["Grass Lake, in Richfield, Hen. Co." [Hennepin County, Minnesota, USA]].
= *Cambarus immunis* var. *spinostris* Faxon, 1884: 146 ("Obion Co., Tennessee" [USA]).
= *Faxonius immunis pedianus* Creaser, 1933: 14 ("Colorado, Denver County, reservoir at Englewood" [USA]).
- Faxonius indianensis* (Hay, 1896)
= *Cambarus indianensis* Hay, 1896: 494, fig. 9 ("Patoka River, Patoka, Gibson County" [Indiana, USA] according to Hobbs, 1974b).
- Faxonius jeffersoni* (Rhoades, 1944a)
= *Orconectes propinquus jeffersoni* Rhoades, 1944a: 123, fig. 5 ("tributary to Muddy Fork of Beargrass Creek, 2 mi. e. of Louisville corporation line, on USR-42, Jefferson County, Kentucky" [USA]).
- Faxonius jonesi* (Fitzpatrick, 1992)
= *Orconectes (Gremicambarus) jonesi* Fitzpatrick, 1992: 780, fig. 1 ("Pawticfaw Creek at unnumbered hard-surfaced road, 3.1 mi (5.0 km) SSE of State Route 39; T10N, R16E, sec. 27/34, Kemper County, Mississippi" [USA]).
- Faxonius juvenilis* (Hagen, 1870)
= *Cambarus juvenilis* Hagen, 1870: 66; pl. 1, figs. 29–33; pl. 3, fig. 157 ("Kentucky River, Little Hickman, Jessamine County, Kentucky" [USA] according to Hobbs, 1974b).
- Faxonius kentuckiensis* (Rhoades, 1944a)
= *Orconectes kentuckiensis* Rhoades, 1944a: 122, fig. 4 ("Piney Creek, 3 mi. w. of Shady Grove, Crittenden County, Kentucky" [USA]).
- Faxonius lancifer* (Hagen, 1870)
= *Cambarus lancifer* Hagen, 1870: 59; pl. 1, figs. 86, 87; pl. 3, fig. 159 ("Tallahatchie River at Rocky Ford, near the town of Etta, Union County, Mississippi" [USA] according to Penn, 1939).
= *Cambarus faxonii* Meek, 1894: 1042, figs. 1, 2, 3, 4 ("St. Francis River at Greenway and Big Bay" [Arkansas, USA]).
- Faxonius leptogonopodus* (Hobbs, 1948b)
= *Orconectes leptogonopodus* Hobbs, 1948b: 146, figs. 24–32 ("McKinney's Creek, 4.7 miles northeast of Hatfield, Polk County, Arkansas, on U.S. Hy. 71" [USA]).
- Faxonius limosus* (Rafinesque, 1817)
= *Astacius limosus* Rafinesque, 1817: 42 ("muddy banks of the Delaware, near Philadelphia" [Pennsylvania USA]).
= *Astacius affinis* Say, 1817: 168 ("the river Delaware" [USA]).
= *Cambarus Pealei* Girard, 1852: 87 ("Potomac, at Washington (D.C.)" [USA]).
- Faxonius longidigitus* (Faxon, 1898)
= *Cambarus longidigitus* Faxon, 1898: 653; pl. 62, figs. 6–9 ("Oxford Bend, White River, Arkansas" [USA]).
= *Cambarus whitmani* Steele, 1902: 24; pl. 3, figs. C1–2; pl. 5, fig. B ("James River, Missouri" [USA]).
- Faxonius luteus* (Creaser, 1933: 7; pl. 1, figs. 3, 4 ("Niangua River at mouth of Greasy Creek, 5 miles southeast of Buffalo, Dallas County, Missouri" [USA]).
- Faxonius macrus* (Williams, 1952)
= *Orconectes nana macrus* Williams, 1952: 337; pl. 2, figs. 17–24 ("Spring River, 2 mi. SW Mt. Vernon, Lawrence County, Missouri" [USA]).
- Faxonius maletae* (Walls, 1972)
= *Orconectes difficilis maletae* Walls, 1972: 456, figs. 2a–e, 4b ("Louisiana, Natchitoches Parish, Bayou Santabarb on La. St. Hwy. 117 (third branch north of Kisatchie)" [USA]).
- Faxonius marchandi* (Hobbs, 1948b)
= *Orconectes marchandi* Hobbs, 1948b: 140, figs. 1, 2, 3, 4, 10, 11, 12, 13, 14 ("small, clear rocky stream of moderate current 3.2 miles southeast of Hardy, Sharp County, Arkansas, on U.S. Hy. 63 [USA]).
- Faxonius margorectus* (Taylor, 2002)
= *Orconectes margorectus* Taylor, 2002: 129, figs. 1, 2A ("Ferguson Creek at Kentucky Hwy. 70, 3.2 km E Smithland, Livingston County, Kentucky" [USA]).
- Faxonius medius* (Faxon, 1884)
= *Cambarus medius* Faxon, 1884: 121 ("Irondale, Mo." [Washington County, Missouri, USA]).
- Faxonius meeki brevis* (Williams, 1952)

- = *Orconectes meeki brevis* Williams, 1952: 348; pl. 3 (“stream approx. 5 mi. N Stillwell, on U.S. highway number 59, Adair County, Oklahoma” [USA]).
- Faxonius meeki* (Faxon, 1898)
= *Cambarus meeki* Faxon, 1898: 658; pl. 65, figs. 5–9 (“Walnut Fork of Big Piney Creek, Swain, Newton County, Arkansas” [USA] according to Hobbs, 1974b).
- Faxonius menae* Creaser, 1933: 5; pl. 1, figs. 9, 10 (“stream tributary to Irons Fork of Ouachita River at Mena, Polk County, Arkansas” [USA]).
- Faxonius mirus* (Ortmann, 1931)
= *Cambarus (Faxonius) rusticus mirus* Ortmann, 1931: 81 (“Hurricane Creek, Cumberland Springs, Moore County, Tennessee” [USA] according to Hobbs, 1974b).
- Faxonius mississippiensis* (Faxon, 1884)
= *Cambarus Mississippiensis* Faxon, 1884: 123 (“Macon, Noxubee County, Mississippi” [USA] according to Faxon, 1914).
- Faxonius nais* (Faxon, 1885b)
= *Cambarus Nais* Faxon, 1885b: 140 (“Labette Co.” [Kansas, USA]).
= *Cambarus pilosus* Hay, 1899: 121, fig. 1 (“Beloit, Mitchell County, Kansas” [USA]).
- Faxonius nana* (Williams, 1952)
= *Orconectes nana* Williams, 1952: 333; pl. 1, figs. 9–16 (as *O. nana nana*) (“Flint Creek, 5 mi. E Kansas, Delaware County, Oklahoma” [USA]).
- Faxonius neglectus chaenodactylus* (Williams, 1952)
= *Orconectes neglectus chaenodactylus* Williams, 1952: 344; pl. 3, figs. 33–40 (“Whites Creek, 8 6/10 mi. SE Ava, Douglas County, Missouri” [USA]).
- Faxonius neglectus neglectus* (Faxon, 1885b)
= *Cambarus neglectus* Faxon, 1885b: 142 (“Mill Creek, Wabaunsee Co.” [Kansas, USA]).
- Faxonius obscurus* (Hagen, 1870)
= *Cambarus obscurus* Hagen, 1870: 69; pl. 1, figs. 72–75; pl. 3, fig. 154 (“Genesee River, Rochester, Monroe County, New York” [USA]; lectotype designated by Fitzpatrick, 1967a: 162).
- Faxonius occidentalis* (Johnson, 2010)
= *Orconectes (Buannulifictus) occidentalis* Johnson, 2010: 19, figs. 17, 18, 19, 20, 21, 22, 23, 24 (“Guadalupe River @ Rt. 1376, Kendall County, Texas (29.95760° N, 98.71735° W)” [USA]).
- Faxonius ozarkae* (Williams, 1952)
= *Orconectes ozarkae* Williams, 1952: 339; pl. 2, figs. 25–32 (“Hackney Creek, 4 6/10 mi. WSW Stuart, Sharp County, Arkansas” [USA]).
- Faxonius pagei* (Taylor & Sabaj, 1997)
= *Orconectes pagei* Taylor & Sabaj, 1997: 263, figs. 1, 2 (“Morris Creek at Tennessee Hwy. 424, 0.5 km W jct. W/Tennessee Hwy. 114, 1.6 km NE Yuma, Carroll County, Tennessee” [USA]).
- Faxonius palmeri creolanus* Creaser, 1933
= *Faxonius creolanus* Creaser, 1933: 16; pl. 1, figs. 1–2 (“stream tributary to the Amite River, one-half mile north of Ethel, East Feliciana Parish, Louisiana” [USA]).
- Faxonius palmeri longimanus* (Faxon, 1898)
= *Cambarus palmeri longimanus* Faxon, 1898: 655; pl. 64, figs. 1–6 (“Red River, Arthur City, Lamar County, Texas” [USA] according to Hobbs, 1974b).
- Faxonius palmeri palmeri* (Faxon, 1884)
= *Cambarus Palmeri* Faxon, 1884: 124 (“brook running into the eastern side of Rod Foot Lake, near Idlewild Hotel, Obion Co., Tenn.” [Tennessee, USA]).
- Faxonius pardalotus* (Wetzel, Poly & Fetzner, 2005)
= *Orconectes (Procericambarus) pardalotus* Wetzel, Poly & Fetzner, 2005: 59, figs. 1, 2, 3 (“Ohio River at Lock & Dam 53, 5 km NE of Olmsted, Pulaski Co., T15S, R2E, Sec. 18, NW 1/4, Lat.Long: 37°12'12"/89°02'29" [Illinois, USA]).
- Faxonius perfectus* (Walls, 1972)
= *Orconectes perfectus* Walls, 1972: 451, figs. 1A–E, 4C (“Alabama, Clarke Co., Satilpa Creek, 8.7 mi. E Grove Hill” [USA]).
- Faxonius peruncus* (Creaser, 1931)
= *Cambarus (Faxonius) peruncus* Creaser, 1931: 7; pl. 5 (“Little Creek, tributary to the St. Francis River, one mile northeast of Chloride, Iron County, Missouri” [USA]).
- Faxonius placidus* (Hagen, 1870)
= *Cambarus placidus* Hagen, 1870: 65; pl. 1, figs. 7–79; pl. 3, fig. 158 (“Lebanon, Wilson County, Tennessee” [USA] according to Hobbs, 1974b).
- Faxonius propinquus* (Girard, 1852)
= *Cambarus propinquus* Girard, 1852: 88 (“Oswego, Oswego County, New York” [New York state, USA] according to Hobbs, 1974b).
= *Cambarus propinquus typicus* Ortmann, 1905a: 133 [no type locality designated].
- = *Orconectes iowaensis* Fitzpatrick, 1968: 507, figs. 1–10 (“Turkey River, 2½ mi S of Cresco, Howard Co., Iowa” [USA]).
- Faxonius punctimanus* Creaser, 1933: 1; pl. 1, figs. 5–6 (“Rubidoux Creek at Waynesville, Pulaski County, Missouri” [USA]).
- Faxonius putnami* (Faxon, 1884)
= *Cambarus Putnami* Faxon, 1884: 131 (“Bear Creek, Grayson Springs, Grayson County, Kentucky” [USA] according to Hobbs, 1974b).
- Faxonius quadruncus* Creaser, 1933: 10; pl. 1, figs. 11–12 (“Stout’s Creek tributary to St. Francis River, between Ironton and Arcadia, Iron County, Missouri” [USA]).
- Faxonius quinebaugensis* (Mathews & Warren, 2008)
= *Orconectes (Gremicambarus) quinebaugensis* Mathews & Warren, 2008: 374, fig. 1 (“Quinebaug River in Sturbridge, Massachusetts, at East Brimfield Dam” [Worcester County, Massachusetts, USA]).
- Faxonius rafinesquei* (Rhoades, 1944a)
= *Orconectes rafinesquei* Rhoades, 1944a: 116, fig. 1 (“Rough River, at Falls-of-Rough, Grayson-Breckenridge counties, Kentucky” [USA]).
- Faxonius raymondi* (Thoma & Stocker, 2009)
= *Orconectes (Procericambarus) raymondi* Thoma & Stocker, 2009: 405, fig. 1 (“Ohio, Brown County, Pleasant/Union Townships, Straight Creek at Straight Creek Road (Old US 66) bridge at Center Point, 38°47'56"N -83°53'23"W” [USA]).
- Faxonius rhoadesi* (Hobbs, 1949)
= *Orconectes rhoadesi* Hobbs, 1949: 19; pl. 3 (“Otter Creek between Granny White Pike and Hillsboro Pike, about seven miles south of Nashville, Davidson County, Tennessee” [USA]).
- Faxonius ronaldi* (Taylor, 2000)
= *Orconectes ronaldi* Taylor, 2000: 141, fig. 13 (“Mud River at Kentucky Highway 79, 4.0 km NE of Russellville, Logan County, Kentucky” [USA]).
- Faxonius rusticus* (Girard, 1852)
= *Cambarus rusticus* Girard, 1852: 88 (“The Ohio, at Cincinnati” [Ohio, USA]).
- Faxonius sanbornii erismophorous* (Hobbs & Fitzpatrick, 1962)
= *Orconectes propinquus erismophorous* Hobbs & Fitzpatrick, 1962: 208, figs. 1–15 (“Crane Nest Creek at Pee Wee, Wirt County, West Virginia” [USA]).
- Faxonius sanbornii sanbornii* (Faxon, 1884)
= *Cambarus Sanbornii* Faxon, 1884: 128 (“Oberlin, Lorain Co., Ohio” [USA]; lectotype designated by Fitzpatrick, 1967a: 157).
- Faxonius saxatilis* (Bouchard & Bouchard, 1976b)
= *Orconectes saxatilis* Bouchard & Bouchard, 1976b: 439, fig. 1 (“Pigeon Creek at Oklahoma State Highway 63 (Red River basin via Kaimichi River system), LeFlore County, Oklahoma” [USA]).
- Faxonius shoupi* (Hobbs, 1948c)
= *Orconectes shoupi* Hobbs, 1948c: 14, figs. 1–5, 15, 16 (“Mill Creek, tributary of Cumberland River, east of Ogleby near Antioch Pike, 10 miles south of Nashville, Davidson County, Tenn.” [Tennessee, USA]).
- Faxonius sloanii* (Bundy in Forbes, 1876)
= *Cambarus sloanii* Bundy in Forbes, 1876: 24 (“New Albany, Floyd County, Indiana” [USA] according to Hobbs, 1974b).
- Faxonius spinosus* (Bundy, 1877)
= *Cambarus spinosus* Bundy, 1877: 173 (“Etowah, Oostanaula and Coosa Rivers, in the vicinity of Rome, Georgia” [USA]).
- Faxonius stannardi* (Page, 1985)
= *Orconectes stannardi* Page, 1985: 564, fig. 1 (“Little Wabash River at Secondary Road 719, 6 km NNW Louisville (T5N, R6E, Sec. 33SW), Clay County, Illinois” [USA]).
- Faxonius stygocaneyi* (Hobbs, 2001)
= *Orconectes (Orconectes) stygocaneyi* Hobbs, 2001: 637, fig. 2 (“Mud Cave, Caney Mountain Conservation Area (Missouri Department of Conservation), Ozark County, Missouri, 36°41'32"N 92°25'47"W” [USA]).
- Faxonius taylori* (Schuster, 2008)
= *Orconectes (Trisellescens) taylori* Schuster, 2008: 63, figs. 1, 2 (“Terrapin Creek at Tennessee State Route (SR) 69 crossing, approximately 1.4 km NE of Midway, Henry County, Tennessee (36.4984°N 88.4903°W) [USA]).
- Faxonius texanus* (Johnson, 2010)
= *Orconectes (Buannulifictus) texanus* Johnson, 2010: 31, figs. 25–29, 30a–o, 31a–h, 32, 33, 34 (“Trinity River just downstream of the spillway of

- the Lake Livingston dam, Polk County, Texas (30.62590° N, 95.00848° W)" [USA].
- Faxonius theaphionensis* (Simon, Timm & Morris, 2005)
 = *Orconectes* (*Procericambarus*) *theaphionensis* Simon, Timm & Morris, 2005: 44, figs. 2–12 ("Half Moon Springs at bridge at Indiana County Road 200 E, 2.57 km W of Chambersburg, Paoli Township, Orange County, Indiana; 38.5207348° N 86.4229192° W" [USA]).
- Faxonius transfuga* (Fitzpatrick, 1966a)
 = *Orconectes transfuga* Fitzpatrick, 1966a: 178, figs. A–T ("Rogue River, 6 miles upstream from Grants Pass [Jackson County], Oregon" [USA]).
- Faxonius tricuspis* (Rhoades, 1944a)
 = *Orconectes tricuspis* Rhoades, 1944a: 117, fig. 2 ("Pete Light's Spring, 3 mi. e. of Canton, Trigg County, Kentucky" [USA]).
- Faxonius validus* (Faxon, 1914)
 = *Cambarus validus* Faxon, 1914: 382; pl. 7, figs. 3, 4, 8; pl. 13, fig. 1 ("Huntsville, Madison Co., Alabama" [USA]).
- Faxonius virginensis* (Hobbs, 1951a)
 = *Orconectes virginensis* Hobbs, 1951a: 122, figs. 1–10 ("Rowanty Creek, a tributary of the Nottoway River, Chowan River drainage, at the crossing of U.S. Highway 301, Sussex County, 4.8 (air) km south of Carson" [Virginia, USA] according to Stinson, 1997).
- Faxonius virilis* (Hagen, 1870)
 = *Cambarus virilis* Hagen, 1870: 63; pl. 1, figs. 23–28; pl. 2, figs. 128–132; pl. 3, fig. 155; pl. 8 ("Lake Superior", restricted by Faxon, 1914).
 = *Cambarus wisconsinensis* Bundy in Forbes, 1876: 4 ("Normal, Ill. and Racine, Wis." [Illinois and Wisconsin, USA]).
 = *Cambarus debilis* Bundy in Forbes, 1876: 24 ("Baraboo River, Ironton; Wisconsin River, Sauk City, Wisconsin" [USA]).
 = *Cambarus cousei* Streets, 1877: 803 ("Red River of the North, near Pembina" [North Dakota, USA]).
- Faxonius williamsi* (Fitzpatrick, 1966b)
 = *Orconectes williamsi* Fitzpatrick, 1966b: 145, figs. 1–10 ("White River, 2.8 miles east of Pettigrew, Madison County, Arkansas" [USA]).
- Faxonius wrighti* (Hobbs, 1948d)
 = *Orconectes wrighti* Hobbs, 1948d: 85; pl. 3 ("Robinson Creek, State Highway 57, Hardin County, Tennessee" [USA]).
- Faxonius yanahindus* (Taylor, Rhoden & Schuster, 2016)
 = *Orconectes yanahindus* Taylor, Rhoden & Schuster, 2016: 168, figs. 6, 7 ("Big Creek at State Road 99 bridge crossing, Limestone County, Alabama (34.8519°N, -87.0416°W NAD 83)" [USA]).
- Hobbseus Fitzpatrick & Payne, 1968**
 = *Hobbseus* Fitzpatrick & Payne, 1968: 15 [type species *Cambarus cristatus* Hobbs, 1955, by original designation; gender masculine].
- Hobbseus attenuatus* Black, 1969: 193, figs. 1–12 ("roadside ditch adjacent to Noxapater Creek, on gravel road two miles north of State Route 395, six miles west of Noxapater, Winston County, Mississippi (R 11E, T 14N)" [USA]).
- Hobbseus cristatus* (Hobbs, 1955)
 = *Cambarus cristatus* Hobbs, 1955: 95, figs. 1–11 ("roadside ditch, 11.3 miles south of Macon on Route 45, Noxubee County, Mississippi" [USA]).
- Hobbseus orconectoides* Fitzpatrick & Payne, 1968: 17, figs. 1–12 ("woodland pool near Rock Hill community, about 4¼ mi. N of Starkville, Oktibbeha County, Mississippi (R14E T19N Sec. 1)" [USA]).
- Hobbseus petilus* Fitzpatrick, 1977: 367, fig. 1 ("unnamed tributary of Patch Creek (Tombigbee River drainage), 11.8 km E of U.S. Highway 45 in Saltillo, on State Route 363" [Lee County, Mississippi, USA]).
- Hobbseus prominens* (Hobbs, 1966)
 = *Cambarus prominens* Hobbs, 1966: 110, figs. 1–10 ("roadside ditch, three miles west of Demopolis, Sumter County, Alabama, on U.S. Rte. 80" [USA]).
- Hobbseus valleculeus* (Fitzpatrick, 1967b)
 = *Cambarus valleculeus* Fitzpatrick, 1967b: 163, figs. 1–12 ("small creek, 6.8 mi. S junction of State Routes 15 and 12 (Ackerman) on State Route 15, Choctaw County, Mississippi" [USA]).
- Hobbseus yalobushensis* Fitzpatrick & Busack, 1989: 637, fig. 1 ("Topashaw Creek, 3.8 airmi. (6.1 km) SW of Mantee (jct. of St. Rtes. 15 and 46), T21N, R11E, at the boundary of Secs. 2 and 11, Webster County, Mississippi" [USA]).
- Orconectes Cope, 1872**
 = *Orconectes* Cope, 1872: 419 [type species *Orconectes inermis* Cope, 1872; by subsequent designation in Fowler (1912); gender masculine].
 = *Orconectes* (*Hespericambarus*) Fitzpatrick, 1987a: 54 [type species *Orconectes inermis* Cope, 1872, by original designation; gender masculine].
- Orconectes australis* (Rhoades, 1941)
 = *Cambarus* (*Faxonius*) *pellucidus australis* Rhoades, 1941: 142, fig. 35 ("Shelta Cavern, SE¼ NE¼ sec. 17, T. 3S., R. 1 W., north of Huntsville, Madison County, Ala." [Alabama, USA]).
- Orconectes barri* Buhay & Crandall, 2008
 = *Orconectes* (*Orconectes*) *barri* Buhay & Crandall, 2008: 61, figs. 5, 6 ("Tonya's Cave, on Route 200, 2.5 km south of Powersburg, Wayne County, Kentucky" [USA]).
- Orconectes incomptus* Hobbs & Barr, 1972: 32, fig. 9 ("Cherry Cave, lat. 36°28'09"N, long. 85°36'28"W, Jackson County, Tennessee" [USA]).
- Orconectes inermis inermis* Cope, 1872
 = *Orconectes inermis* Cope, 1872: 419, fig. 116 ("Wyandotte Cave" [Crawford County, Indiana, USA]).
- Orconectes inermis testii* (Hay, 1891)
 = *Cambarus pellucidus* var. *testii* Hay, 1891: 149 ("Mayfield's cave, SW¼ NE¼ SW¼ sec. 26, T. 9 N, R. 2 W., Monroe County, Indiana" [USA] according to Hobbs, 1974b).
 = *Cambarus pellucidus testii* Hay, 1893: 285, pls. 44, 45, figs. 1–14. ("Mayfield's cave, SW¼ NE¼ SW¼ sec. 26, T. 9 N, R. 2 W., Monroe County, Indiana" [USA] according to Hobbs, 1974b).
- Orconectes packardii* Rhoades, 1944a
 = *Orconectes pellucidus packardii* Rhoades, 1944a: 121, fig. 3 ("Cumberland Crystal Cave, at Alpine, Pulaski County, Kentucky" [USA]).
- Orconectes pellucidus* (Tellkamp, 1844)
 = *Astacus pellucidus* Tellkamp, 1844: 684 ("Mammoth Cave, Edmonson County, Kentucky" [USA] according to Hobbs, 1974b).
 = *Cambarus typhlobius* Joseph, 1880: 202 ("Krain" [= Carniola, Slovenia] according to Holthuis, 1964a; in error, see Holthuis, 1964a).
 = *Cambarus coecus* Joseph, 1881: 237 [nomen nudum].
 = *Cambarus stygius* Joseph, 1881: 241 [nomen nudum].
 = *Cambarus stygius* Joseph, 1882: 12 ("Reccafluss aus der Grotte von S. Kanzian bei Mataun unweit Divazza" [= Reka River in St Canzian Cave, near Matavunje, not far from Divača, Slovenia] according to Holthuis, 1964a; in error, see Holthuis, 1964a).
- Orconectes sheltae* Cooper & Cooper, 1997b
 = *Orconectes* (*Orconectes*) *sheltae* Cooper & Cooper, 1997b: 119, figs. 1, 2A ("Alabama, Madison County, Huntsville, Shelta Cave (Meridianville 7.5' USGS Quadrangle, Sec. 27., T.3S, R.1W)" [USA]).
- Palaeocambarus †† Taylor, Schram & Shen, 1999**
 = *Palaeocambarus* Taylor, Schram & Shen, 1999: 122 [type species *Astacus licenti* Van Straelen, 1928b, by original designation; gender masculine].
- Palaeocambarus licenti* †† (Van Straelen, 1928b)
 = *Astacus licenti* Van Straelen, 1928b: 133; pl. 1 ("S.W. of Moukden, in Eastern Mongolia" [= SW of Shenyang, Liaoning Province, P.R. of China]).
 = *Astacus spinirostris* Imaizumi, 1938: 176; pl. 22; pl. 23, figs. 9, 10, 12, 13 ("Niehutzekow, near Lingyuan, Jehol" [= near Lingyuan City, Liaoning province, P.R. of China]).
- Procambarus † Ortman, 1905b**
 = *Cambarus* (*Cambarus*) Ortman, 1905a (nec Erichson, 1846): 96 [type species *Astacus Blandingii* Harlan, 1830; by original designation; gender masculine].
 = *Cambarus* (*Procambarus*) Ortman, 1905b: 437 [type species *Cambarus Digueti* Bouvier, 1897, by subsequent designation of Fowler (1912); gender masculine].
 = *Cambarus* (*Paracambarus*) Ortman, 1906b: 1 [type species *Cambarus* (*Paracambarus paradoxus* Ortman, 1906b, by monotypy; gender masculine)].
 = *Cambarus* (*Ortmannicus*) Fowler, 1912: 340 [replacement name for *Cambarus* (*Cambarus*) Ortman, 1905a (nec Erichson, 1846)].
 = *Procambarus* (*Gwardiella*) Lyle, 1938: 76 [type species *Cambarus Hagenianus* Faxon, 1884, by monotypy; gender feminine].
 = *Procambarus* (*Acucauda*) Hobbs, 1972b: 5 [type species *Procambarus fitzpatricki* Hobbs, 1971a; by original designation; gender feminine].
 = *Procambarus* (*Austrocambarus*) Hobbs, 1972b: 5 [type species *Procambarus vazquezae* Villalobos E., 1954a; by original designation; gender masculine].
 = *Procambarus* (*Capillicambarus*) Hobbs, 1972b: 6 [type species *Cambarus hinei* Ortman, 1905d; by original designation; gender masculine].
 = *Procambarus* (*Hagenides*) Hobbs, 1972b: 7 [type species *Astacus advena* Le Conte, 1856; by original designation; gender masculine].
 = *Procambarus* (*Leonticambarus*) Hobbs, 1972b: 7 [type species *Cambarus barbatus* Faxon, 1890; by original designation; gender masculine].

- = *Procambarus (Lonnbergius) Hobbs, 1972b*: 8 [type species *Cambarus acherontis Lönnberg, 1895*; by original designation; gender masculine].
- = *Procambarus (Mexicambarus) Hobbs, 1972b*: 8 [type species *Cambarus bouvieri Ortmann, 1909*; by original designation; gender masculine].
- = *Procambarus (Pennides) Hobbs, 1972b*: 10 [type species *Procambarus natchitochae Penn, 1953a*; by original designation; gender masculine].
- = *Procambarus (Remoticambarus) Hobbs, 1972b*: 11 [type species *Procambarus pecki Hobbs, 1967a*; by original designation; gender masculine].
- = *Procambarus (Scapulicambarus) Hobbs, 1972b*: 11 [type species *Cambarus paeninsularis Faxon, 1914*; by original designation; gender masculine].
- = *Procambarus (Villalobosus) Hobbs, 1972b*: 12 [type species *Procambarus riojae Villalobos, 1944a*; by original designation; gender masculine].
- Procambarus ablusus Penn, 1963*: 121, figs. 1–10 (“Hatchie River, 12.1 miles E of Ripley (State hwy. 4), Tippah County, Mississippi” [USA]).
- Procambarus acanthophorus Villalobos F., 1948*: 175; pls. 1, 2 (“pequeña laguna situada en El Castillo, 4 Km. al oeste de Tuxpetec, Oax.” [= small lagoon at El Castillo, 4 km east of Tuxpetec, Oaxaca, Mexico]).
- Procambarus acherontis (Lönnberg, 1895)*
- = *Cambarus acherontis Lönnberg, 1894*: 127 (“subterranean rivulet about 30 feet from surface, Lake Brantley, Seminole County, Florida” [USA] according to *Hobbs, 1974b*; neotype designated in *Hobbs, 1940a*: 393; rejected by *Hobbs, 1974b*: 52).
- = *Cambarus acherontis Lönnberg, 1895*: 6, figs. 1, 2, 3, 4, 5b (“Lake Brantley, Orange County” [= Seminole County, Florida, USA]).
- Procambarus achilli López, Mejía & Alvarez, 2003*
- = *Procambarus (Villalobosus) achilli López, Mejía & Alvarez, 2003*: 524, figs. 1, 2 (“Cascada del Arroyo de Atezca, 5 km NW from Molango, Hidalgo, Mexico”).
- Procambarus acutissimus (Girard, 1852)*
- = *Cambarus acutissimus Girard, 1852*: 91 (“affluent of Mobile River in Kemper Co., Miss.” [Mississippi, USA]).
- Procambarus acutus (Girard, 1852)*
- = *Cambarus acutus Girard, 1852*: 91 (“affluent of Mobile River in Kemper Co., Miss. [Mississippi, USA]).
- = *Cambarus stygius Bundy in Forbes, 1876*: 3 (“Lake Michigan” [USA]).
- Procambarus advena (Le Conte, 1856)*
- = *Astacus advena Le Conte, 1856*: 402 (“Georgia inferiore”; restricted by *Hobbs, 1974b* to “2.5 miles west of Riceboro, Liberty County, Georgia” [USA]).
- Procambarus alleni (Faxon, 1884)*
- = *Cambarus Alleni Faxon, 1884*: 110 (“St. John’s River, Hawkinsville, Orange Co., Fla. [Orange County, Florida, USA]).
- Procambarus ancyllus Hobbs, 1958a*: 164, figs. 13–24 (“Summerville, Dorchester County, S. C.” [South Carolina, USA]).
- Procambarus angustatus (Le Conte, 1856)*
- = *Astacus angustatus Le Conte, 1856*: 401 (“Georgia inferiore” [= sandhills of southern Georgia [USA] according to *Hobbs, 1981*).
- Procambarus apalachicola Hobbs, 1942b*: 55; pl. 3, figs. 26–30; pl. 17 (“road-side ditch in wire grass flatwoods, 11.1 miles west of Beacon Hill, U.S. Highway 98, Bay County, Florida” [USA]).
- Procambarus atkinsoni (Ortmann, 1913)*
- = *Cambarus (Procambarus) atkinsoni Ortmann, 1913*: 414 (“tributarios del Río de los Indios, Isla de Pinos, Cuba”; lectotype (as lectoholotype) designated by *Hobbs & Villalobos, 1964*: 347, valid designation under Art. 74.5 (ICZN, 1999)).
- Procambarus atliguus Hobbs & Franz, 1992*
- = *Procambarus (Ortmannicus) atliguus Hobbs & Franz, 1992*: 359, fig. 1 (“Silver Glen Springs, 9 mi (14.4 km) northwest of Astor Park, Marion County, Florida (SE ¼, NE ¼, SE ¼, Sec. 25 T.14S, R. 26E)” [USA]).
- Procambarus barbatus (Faxon, 1890)*
- = *Astacus penicillatus Le Conte, 1856* (nec *Olivier, 1791*): 401 (“2.5 miles west of Riceboro, Liberty County, Georgia” [USA]; neotype designated by *Hobbs, 1974b*: 50).
- = *Astacus barbatus Faxon, 1890*: 621 (replacement name for *Astacus penicillatus Le Conte, 1856* (nec *Olivier, 1791*)).
- Procambarus barbiger Fitzpatrick, 1978c*
- = *Procambarus (Girardiella) barbiger Fitzpatrick, 1978c*: 69, figs. 37–52 (“Forrest, Scott County, Mississippi” [USA]).
- Procambarus bivittatus Hobbs, 1942b*: 96; pl. 6, figs. 96–100; pl. 21 (“sloughs along the Escambia River on State Highway 62, Escambia County, Florida” [USA]).
- Procambarus blandingii (Harlan, 1830)*
- = *Astacus Blandingii Harlan, 1830*: 464 (“Camden, Kershaw County, South Carolina” [USA] according to *Hobbs, 1974b*).
- Procambarus bouvieri (Ortmann, 1909)*
- = *Cambarus (Cambarus) bouvieri Ortmann, 1909*: 159, figs. 1, 2 (“petit rivière torrentueuse à Uruapan, État de Michoacan, Mexique” [= small, fast-flowing river at Uruapan, Michoacán, Mexico]).
- Procambarus braswelli Cooper, 1998*
- = *Procambarus (Ortmannicus) braswelli Cooper, 1998*: 82, fig. 1 (“North Carolina, Columbus County, Waccamaw River at NC 130 near Brunswick County line, 8.0 air km (5.6 air mi) SSE of Old Dock (Freeland USG quadrangle, UTM coordinates 3775210/726190E)” [USA]).
- Procambarus brazoriensis Albaugh, 1975*
- = *Procambarus (Capillicambarus) brazoriensis Albaugh, 1975*: 1, fig. 1 (“ditch beside County Road 400, 0.1 mile SE of Missouri Pacific railroad and 0.25 mile SW of Brazos River, at S edge of Brazoria, Brazoria County, Texas” [USA]).
- Procambarus caballeroi Villalobos, 1944b*: 175; pls. 1, 2 (“riachuelos del Sur de Villa Juárez, Estado de Puebla” [= Xicotepec, Mexico]).
- Procambarus capillatus Hobbs, 1971b*: 83, fig. 1 (“drainage ditch adjacent to Burnt Corn Creek (Escambia River drainage) on State Route 41, north-west of Brewton, Escambia County, Alabama” [USA]).
- Procambarus caritus Hobbs, 1981*
- = *Procambarus (Hagenides) caritus Hobbs, 1981*: 319, figs. 17d, 118b, 122, 123, 236 (“seepage area, 3.7 miles west of Glenwood, Wheeler County, on U.S. Highway 280” [Georgia, USA]).
- Procambarus catemacoensis Rojas, Alvarez & Villalobos, 2000*
- = *Procambarus (Astrocambarus) catemacoensis Rojas, Alvarez & Villalobos, 2000*: 792, figs. 1, 2 (“Espagoya, Lake Catemaco (altitude 335 m), Municipio de Catamaco, Veracruz, Mexico (18°27’N, 95°6’W”).
- Procambarus cavernicola Mejía-Ortiz, Hartnoll & Viccon-Pale, 2003*
- = *Procambarus (Astrocambarus) cavernicola Mejía-Ortiz, Hartnoll & Viccon-Pale, 2003*: 392, figs. 1, 2 (“Cueva Gabriel, municipio de Acatlán de Pérez Figueroa, Oaxaca” [Mexico]).
- Procambarus ceruleus Fitzpatrick & Wicksten, 1998*
- = *Procambarus (Girardiella) ceruleus Fitzpatrick & Wicksten, 1998*: 146, fig. 1 (“horse pasture on Riley Road, Reliance community, 0.7 mi (1.4 km) east of Farm to Market (FM on maps) Road 1179, east of Bryan, Brazos County, Texas, latitude and longitude approximately 30°45’N, 96°14’W” [USA]).
- Procambarus chacalli López-Mejía, Alvarez & Mejía-Ortiz, 2004*
- = *Procambarus (Villalobosus) chacalli López-Mejía, Alvarez & Mejía-Ortiz, 2004*: 170, figs. 1, 2 (“nacimiento de Dejigui (altitude 1675 m), 4 km east of Huayacocotla, Municipio de Huayacocotla, Veracruz, Mexico (20°32’6”N 98°26’15”W”).
- Procambarus chacei Hobbs, 1958b*: 5; pl. 2 (“Cedar Creek, three miles east of Lykes, Richland County, South Carolina, on U.S. Hy. 76” [USA]).
- Procambarus citlaltepétl Rojas, Alvarez & Villalobos, 1999*
- = *Procambarus (Astrocambarus) citlaltepétl Rojas, Alvarez & Villalobos, 1999*: 398, figs. 2A–C, 3A–C, 4 (“Rincón de la Doncella Park (altitude 1400 m), Ciudad Mendoza, Municipio de Camerino Z. Mendoza, Veracruz (18°48’N 97°10’W)” [Mexico]).
- Procambarus clarkii (Girard, 1852)*
- = *Cambarus Clarkii Girard, 1852*: 91 (“between San Antonio (Texas) and El Paso del Norte” [USA]).
- Procambarus clemmeri Hobbs, 1975*
- = *Procambarus (Pennides) clemmeri Hobbs, 1975*: 19, fig. 6 (“tributary to the Jourdan River, 8.7 miles southeast of the Pearl River-Hancock County line on State Route 43 (4.3 miles northwest of the junction of routes 43 and 603 north of Kiln)” [Hancock County, Mississippi, USA]).
- Procambarus cometes Fitzpatrick, 1978c*
- = *Procambarus (Girardiella) cometes Fitzpatrick, 1978c*: 74, figs. 53–71 (“field behind luxury mobile homes (T18N, R14E, SW¼, Sec. 3), Starkville, Oktibbeha County, Mississippi” [USA]).
- Procambarus connus Fitzpatrick, 1978c*
- = *Procambarus (Girardiella) connus Fitzpatrick, 1978c*: 76, figs. 72–90 (“Carrollton, Carroll County, Mississippi” [USA]; misspelled as *connos* on p. 57).
- Procambarus contrerasi (Creaser, 1931)*
- = *Cambarus (Cambarus) contrerasi Creaser, 1931*: 1; pls. 1, 2 (“tributary of the Rio Cazones near Agua Fria, 12 miles south of Miahuapan, State of Puebla, Mexico”).
- Procambarus cubensis cubensis (Erichson, 1846)*
- = *Astacus (Cambarus) cubensis Erichson, 1846*: 100 (“Cuba”).
- = *Cambarus consobrinus de Saussure, 1857a*: 101 (“Île de Cuba”).

- Procambarus cubensis rivalis* (Faxon in Rathbun, 1912)
= *Cambarus cubensis rivalis* Faxon in Rathbun, 1912: 459 ("mountain stream near San Diego de los Baños, in the Province of Pinar del Río" [Cuba]).
- Procambarus cuetzalanae* Hobbs, 1982
= *Procambarus* (*Villalobosus*) *cuetzalanae* Hobbs, 1982: 39, fig. 1 ("Cueva de Tasalolpan, 5 km southwest of Cuetzalan, Puebla, in the Río Tecuantepec (tributary to Río Tecolutla) watershed" [Mexico]).
- Procambarus cuevachicae* (Hobbs, 1941b)
= *Cambarus blandingii cuevachicae* Hobbs, 1941b: 1, fig. 1 ("La Cueva Chica, about one mile northeast of Pujal, San Luis Potosí, Mexico").
- Procambarus curdi* Reimer, 1975
= *Procambarus* (*Girardiella*) *curdi* Reimer, 1975: 22, figs. 1–9 ("Navasota River, NE of Bryan on U.S. Highway 190, Brazos County, Texas" [USA]).
- Procambarus delicatus* Hobbs & Franz, 1986
= *Procambarus* (*Ortmannicus*) *delicatus* Hobbs & Franz, 1986: 509, figs. 1, 3d ("Alexander Springs, a tributary to the St. Johns River, about 9 km south of Astor Park, Lake County, Florida (Levy Grant 39, T 16S, R 27E; 19°04'50"N, 29°04'30"W)" [USA]).
- Procambarus digueti* (Bouvier, 1897)
= *Cambarus Diguetti* Bouvier, 1897: 227 ("affluents du Río Santiago, l'Etat de Jalisco" [Mexico]).
= *Cambarus carinatus* Faxon, 1898: 648; pl. 63 ("Guadalajara, Mexico").
- Procambarus dupratzi* Penn, 1953a: 1, figs. 1–7, 10–14 ("Attoyac Bayou, 5.6 miles southwest of Timpson (on U.S. highway 59), Shelby County, Texas" [USA]).
- Procambarus echinatus* Hobbs, 1956c: 117, figs. 1–17 ("Salkehatchie River, 1.9 miles south of Barnwell, Barnwell County, S. C., on State Highway 3" [South Carolina, USA]).
- Procambarus econfinae* Hobbs, 1942b: 49; pl. 2, figs. 16–20; pl. 15 ("flatwoods in the northern part of Panama City, Bay County, Florida" [USA]).
- Procambarus elegans* Hobbs, 1969b: 329, figs. 1–11, 24, 25 ("spillway from Corney Lake, an impounded tributary of the Ouachita River, Claiborne Parish, Louisiana" [USA]).
- Procambarus enoplosternum* Hobbs, 1947a: 5, figs. 2, 5, 10, 12, 13, 18, 20, 23, 24, 25, 32 ("Rocky Creek, a small moderately flowing, clear, sand bottomed stream flowing between red hills six miles south of Lyons, Toombs County, Georgia, on U.S. Highway 1" [USA]).
- Procambarus epicyrtus* Hobbs, 1958b: 1; pl. 1 ("South Ogeechee Creek, 6.8 miles south of Sylvania, Screven County, Georgia on U.S. Hy. 301 [USA]).
- Procambarus erichsoni* Villalobos, 1951: 384; pls. 5, 6, 7 ("Arroyos Puendo, Mamay y Bojoy, Tenango de Doria, Hidalgo" [Mexico]).
- Procambarus erythrops* Relyea & Sutton, 1975
= *Procambarus* (*Ortmannicus*) *erythrops* Relyea & Sutton, 1975: 8, figs. 1, 2 ("Sim's Sink, 1 mi west of the junction of U.S. Hwys. 27 and 129, and 0.1 mi south of Hwy. 27, Suwannee County, Florida (Sec. 24, T. 6S, R. 14E)" [USA]).
- Procambarus escambiensis* Hobbs, 1942b: 46; pl. 2, figs. 11–15; pl. 14 ("about 100 yards east of the Perdido River on U.S. Highway 90, Escambia County, Florida" [USA]).
- Procambarus evermanni* (Faxon, 1890)
= *Cambarus evermanni* Faxon, 1890: 620 ("Escambia River at Flomaton, above Pensacola, Florida" [USA]).
- Procambarus fallax* (Hagen, 1870)
= *Cambarus fallax* Hagen, 1870: 45; pl. 1, figs. 103–105 (restricted by Hobbs, 1974b to "St. Johns River at Welaka, Putnam County, Florida" [USA]).
- Procambarus fitzpatricki* Hobbs, 1971a: 461, fig. 1 ("roadside ditch at junction of State Rte. 67 and Woolmarket Road, just north of D'Iberville, Harrison County, Mississippi" [USA]).
- Procambarus franzi* Hobbs & Lee, 1976
= *Procambarus* (*Ortmannicus*) *franzi* Hobbs & Lee, 1976: 384, fig. 1 ("Orange Lake Cave, 0.4 mi S of junction of U.S. Hwy. 441 and State Route 318 off Hwy. 411 (T.12S, R.21E, Sec. 33/34), Marion County, Florida" [USA]).
- Procambarus geminus* Hobbs, 1975
= *Procambarus* (*Ortmannicus*) *geminus* Hobbs, 1975: 1, fig. 1 ("roadside pool (perhaps a streambed, but no flow was detected), 1.7 miles south of Taylor, Columbia County, Arkansas, on State Route 132" [USA]).
- Procambarus geodytes* Hobbs, 1942b: 80; pl. 5, figs. 61–65; pl. 19 ("Orange Springs, in the northeastern part of Marion County, Florida" [USA]).
- Procambarus gibbus* Hobbs, 1969b: 337, figs. 12–23 ("tributary to Muckalee Creek (Flint River drainage), 3.2 miles north of Americus on U.S. Hwy. 19, Sumter County, Georgia" [USA]).
- Procambarus gonopodocrisatus* Villalobos, 1958: 279; pls. 1, 2, 3 ("Paso Largo, Veracruz, Km 411.2 de la carretera Martínez de la Torre, Nautla, 16 km NE Martínez de la Torre, Ver." [Veracruz, Mexico]).
- Procambarus gracilis* (Bundy in Forbes, 1876)
= *Cambarus gracilis* Bundy in Forbes, 1876: 5 ("Normal, McLean County, Illinois" [USA] as restricted by Hobbs, 1974b).
- Procambarus hagenianus hagenianus* (Faxon, 1884)
= *Cambarus Hagenianus* Faxon, 1884: 141 ("Charleston, South Carolina" [USA]; considered to be in error by Hobbs, 1974b).
- Procambarus hagenianus vesticeps* Fitzpatrick, 1978c
= *Procambarus* (*Girardiella*) *hagenianus vesticeps* Fitzpatrick, 1978c: 64, figs. 19–36 ("Egypt, Chickasaw County, Mississippi" [USA]).
- Procambarus hayi* (Faxon, 1884)
= *Cambarus Hayi* Faxon, 1884: 108 ("Macon, Noxubee County, Mississippi" [USA] according to Hobbs, 1974b).
- Procambarus hidalgoensis* López-Mejía, Alvarez & Mejía-Ortiz, 2005
= *Procambarus* (*Ortmannicus*) *hidalgoensis* López-Mejía, Alvarez & Mejía-Ortiz, 2005: 558, figs. 2, 3 ("stream at Camino a Olotla, at 1375 m of altitude (20°38'15"N, 98°38'3"W), 2 km east of Tlanchinol, Hidalgo" [Mexico]).
- Procambarus hinei* (Ortmann, 1905d)
= *Cambarus* (*Cambarus*) *hinei* Ortmann, 1905d: 401, fig. 1 ("small freshwater pool, ¼ mile from Gulf Beach, near Cameron, Cameron Parish, Louisiana" [USA]).
- Procambarus hirsutus* Hobbs, 1958a: 160, figs. 1–12 ("Salkehatchie River, 1.9 miles south of Barnwell, Barnwell County, S. C., on State Highway 3" [South Carolina, USA]).
- Procambarus hoffmanni* (Villalobos, 1944a)
= *Paracambarus hoffmanni* Villalobos, 1944a: 169; pl. 2 ("Vertedor de Demasia de la Presa de Necaxa" according to Villalobos, 1955 [Puebla, Mexico]).
- Procambarus holifieldi* Schuster, Taylor & Adams, 2015
= *Procambarus* (*Girardiella*) *holifieldi* Schuster, Taylor & Adams, 2015: 6, figs. 1, 2, 3 ("burrows along power line right of way on private property, 2.2 Km SE of junction State Route 5 and County Road 38, Perry County, Alabama (32.5435N; -87.3298W)" [USA]).
- Procambarus horsti* Hobbs & Means, 1972: 401, fig. 2 ("Big Blue Springs (tributary to the Wacissa River), 2.2 miles south of the crossroads in the town of Wacissa, Jefferson County, Florida (SE ¼ NW ¼ Sec. 12, T. 2S, R. 3E)" [USA]).
- Procambarus hortonhobbsi* Villalobos, 1951: 402; pls. 10, 11 ("El Coyular, 7 km NE de La Unión, municipio de Zihuateutla, Puebla" [Mexico]).
- Procambarus howellae* Hobbs, 1952b: 167, figs. 1–14 ("spring-fed drainage ditch on the campus of Wesleyan College at Rivoli, Bibb County, Georgia" [USA]).
- Procambarus hubbelli* (Hobbs, 1940a)
= *Cambarus hubbelli* Hobbs, 1940a: 406, fig. 19 ("roadside ditch in the flatwoods 1 mile east of Bonifay, Holmes County, Fla., on State Highway No. 1" [Florida, USA]).
- Procambarus hybus* Hobbs & Walton, 1957: 39, figs. 1–12 ("roadside ditch, 1.7 miles north of Boligee, Greene County, Alabama, on U.S. Highway 11" [USA]).
- Procambarus incilis* Penn, 1962: 222, figs. 1–11 ("pool, 7.5 miles east of Edna, Jackson County, Texas, on state highway 111" [USA]).
- Procambarus jaculus* Hobbs & Walton, 1957: 48, figs. 24–34 ("roadside ditch of Scott-Rankin County line on U.S. Highway 80, Rankin County, Mississippi" [USA]).
- Procambarus kensleyi* Hobbs, 1990
= *Procambarus* (*Girardiella*) *kensleyi* Hobbs, 1990: 583, figs. 2b, 3 ("roadside ditch on gentle slope 4.6 mi (7.4 km) NW of U.S. Highway 59 on Fann Road 2497, Angelina County, Texas" [USA]).
- Procambarus kilbyi* (Hobbs, 1940a)
= *Cambarus kilbyi* Hobbs, 1940a: 410; fig. 20 ("small creek about 7 miles northwest of Blountstown, Calhoun County, Fla., on State Highway No. 6" [Florida, USA]).
- Procambarus lagnipappe* Black, 1968: 5, figs. 1–12 ("Pawtiefaw Creek (tributary to Sucarnoochee Creek, in turn a tributary of Tombigbee River), 6.0 miles south of DeKalb, Kemper County, Mississippi, at Mississippi Highway 39" [USA]).
- Procambarus latipleurum* Hobbs, 1942b: 52; pl. 3, figs. 21–25; pl. 16 ("roadside excavation and intermittent stream in flatwoods, 5.8 miles west of Weewahitchka on State Highway 52, Gulf County, Florida" [USA]).
- Procambarus lecontei* (Hagen, 1870)
= *Cambarus LeContei* Hagen, 1870: 47; pl. 1, figs. 15–16; pl. 2, fig. 145 ("Mobile County, Alabama" [USA] according to Hobbs, 1974b).
- Procambarus leithuseri* Franz & Hobbs, 1983

- = *Procambarus (Ortmannicus) leitheuseri* Franz & Hobbs, 1983: 323, fig. 1 ("Eagle's Nest (= Lost Sink, Eagle Hole), 5.4 km northwest of the junction of U.S. Highway 19 and State Road 50 (NE ¼, NE ¼, SW ¼, Sec. 21, T. 22S, R. 17E), Hernando County, Florida" [USA]).
- Procambarus leonensis* Hobbs, 1942b: 114; pl. 8, figs. 121–125 ("sinkhole pond 3 miles southwest of Tallahassee, State Highway 19, Leon County, Florida" [USA] according to Hobbs, 1943a).
- = *Procambarus leonensis* Hobbs, 1943a: 49, figs. 1, 6, 7, 10, 12, 13, 14, 16, 17, 22, 26, 29, 31 ("sinkhole pond 3 miles southwest of Tallahassee, State Highway 19, Leon County, Florida" [USA]).
- Procambarus lepidodactylus* Hobbs, 1947b: 25, figs. 1–12 ("Juniper Creek, one mile southwest of Patrick, Chesterfield County, South Carolina, on U.S. Highway 1" [USA]).
- Procambarus levisi* Hobbs & Walton, 1959: 39, figs. 1–12 ("roadside ditch 18.8 miles east of Montgomery, Macon County, Alabama, on Route 80" [USA]).
- Procambarus liberorum* Fitzpatrick, 1978a
- = *Procambarus (Girardiella) liberorum* Fitzpatrick, 1978a: 533, figs. 1–14 ("Bentonville, Benton County, Arkansas; yard at 206 SW Seventh Street" [USA]).
- = *Procambarus (Girardiella) ferrugineus* Hobbs & Robison, 1988: 391, figs. 1, 2, 12 ("roadside ditch 10 miles (16 km) south of Lonoke on State Route 31, Lonoke County, Arkansas (T.1S, R. 8W, Sec. 6)" [USA]).
- Procambarus litosternum* Hobbs, 1947a: 9, figs. 3, 4, 9, 11, 15, 16, 19, 21, 26, 29, 30 ("sandbottomed stream flowing through swampy terrain five miles northeast of Swainsboro, Emanuel County, Georgia, on U.S. Highway 25" [USA]).
- Procambarus llanasi* Villalobos F., 1954a: 364; pls. 16, 17 ("Santa Rita, 47 km al E. de Escárrega, Campeche" [Mexico]).
- Procambarus lophotus* Hobbs & Walton, 1960: 123, figs. 1–11 ("roadside ditch, 3.4 miles northeast of Haynesville, Lowndes County, Alabama, on State Route 11" [USA]).
- Procambarus lucifugus alachua* (Hobbs, 1940a)
- = *Cambarus lucifugus alachua* Hobbs, 1940a: 402, fig. 18 ("small cave, Hog Sink, about 10 miles west of Gainesville, Alachua County, Fla." [Florida, USA]).
- Procambarus lucifugus lucifugus* (Hobbs, 1940a)
- = *Cambarus lucifugus lucifugus* Hobbs, 1940a: 398, fig. 17 ("Gum Cave, about 5 miles southwest of Floral City, Citrus County, Fla." [Florida, USA]).
- Procambarus lunzi* (Hobbs, 1940b)
- = *Cambarus lunzi* Hobbs, 1940b: 3, figs. 1–10 ("roadside ditch in the flatwoods, 1.4 miles southeast of Early Branch on State Highway 28, Hampton County, South Carolina" [USA]).
- Procambarus luxus* Johnson, 2011b
- = *Procambarus (Ortmannicus) luxus* Johnson, 2011b: 59, figs. 1–5 ("canal and roadside ditch near Interstate 37 and County Road 17, San Patricio County, Texas (28.09435, -97.80987)" [USA]).
- Procambarus lylei* Fitzpatrick & Hobbs, 1971: 95, figs. 1–14 ("Shutispear Creek, 2.7 miles south of State Route 8 on State Route 9, Calhoun County, Mississippi" [USA]).
- Procambarus machardyi* Walls, 2006
- = *Procambarus (Girardiella) machardyi* Walls, 2006: 260, figs. 1, 2 ("Fordney Creek, Walter B. Jacobs Memorial Nature Park, 4 km west and 1.6 km south of Blanchard, Caddo Parish, Louisiana, GPS coordinates: 32°34.221'N, 093°56.195'W" [USA]).
- Procambarus mancus* Hobbs & Walton, 1957: 44, figs. 13–23 ("roadside ditch, 5.0 miles south of Meridian, Lauderdale County, Mississippi, on U.S. Highway 11" [USA]).
- Procambarus marthae* Hobbs, 1975
- = *Procambarus (Ortmannicus) marthae* Hobbs, 1975: 6, fig. 2 ("sluggish stream, 2.3 miles west of the Alabama River on U.S. Highway 84, Monroe County, Alabama" [USA]).
- Procambarus maya* Alvarez, López-Mejía & Villalobos, 2007
- = *Procambarus (Austrocambarus) maya* Alvarez, López-Mejía & Villalobos, 2007: 312, figs. 2, 3 ("salt-marsh 1 km from the coast, Sian Ka'an Nature Reserve, Municipio de Felipe Carrillo Puerto, Quintana Roo" [Mexico]).
- Procambarus medialis* Hobbs, 1975
- = *Procambarus (Ortmannicus) medialis* Hobbs, 1975: 10, fig. 3 ("pool in roadside ditch, 0.6 mile south of Scotland Neck, Halifax County, North Carolina, on U.S. Highway 258" [USA]).
- Procambarus mexicanus* (Erichson, 1846)
- = *Astacus (Cambarus) Mexicanus* Erichson, 1846: 99 ["El Mirador de Zacuapan, 8 km NE of Huatusco, Veracruz" [Mexico]; neotype (as neoholotype) designated by Villalobos F., 1954a: 312).
- = *Cambarus aztecus de Saussure*, 1857b: 503 ("Tomatlá, dans les Terres chaudes"; "Veracruz, Mexico" according to Hobbs, 1974b).
- Procambarus milleri* Hobbs, 1971c: 115, figs. 1–11, 16 ("well at Little Bird Nursery and Garden Store at 8427 Bird Road, Miami, Dade County, Florida (Sec. 15, Twp. 54S, R. 40E)" [USA]).
- Procambarus mirandai* Villalobos F., 1954a: 355; pls. 13, 14 ("Cerro Hueca, 4 km SE Tuxtla Gutiérrez, Chiapas" [Mexico]).
- Procambarus morristi* Hobbs & Franz, 1991
- = *Procambarus (Lonnbergius) morristi* Hobbs & Franz, 1991: 56, fig. 1 ("Devil's Sink, 152 m north of St. Rte. 20, 7.1 km west of Interlachen (junction of St. Rtes. 313 and 20), Putnam County, Florida (NE ¼, SE ¼, NW ¼, Sec.13, Twp. 10S, R. 23E)" [USA]).
- Procambarus natchitochae* Penn, 1953a: 5, figs. 8, 9, 15, 16, 17, 18, 19 ("tributary of Spring Creek at Melder (on Louisiana highway 85), Rapides Parish, Louisiana" [USA]).
- Procambarus nechesae* Hobbs, 1990
- = *Procambarus (Ortmannicus) nechesae* Hobbs, 1990: 590, fig. 4 ("semi-permanent pool in roadside ditch on Farm Road 2497, 1.2 mi (1.9 km) SE of intersection with State Route 94, southwest of Lufkin, Angelina County, Texas" [USA]).
- Procambarus nigrocinctus* Hobbs, 1990
- = *Procambarus (Girardiella) nigrocinctus* Hobbs, 1990: 576, figs. 1, 2a ("Jack Creek, a tributary of the Neches River, at State Route 94, about 3.0 mi (4.8 km) WSW of Lufkin Perimeter Route 287, Angelina County, Texas" [USA]).
- Procambarus niveus* Hobbs & Villalobos 1964: 342, figs. 26–39 ("Cueva de Santo Tomás, Sierra de los Órganos, cerca de Ponce, Pinar del Río, Cuba").
- Procambarus nueces* Hobbs & Hobbs, 1995
- = *Procambarus (Ortmannicus) nueces* Hobbs & Hobbs, 1995: 54, fig. 1 ("tributary of the Nueces River 4.3 miles (6.9 km) south of Jourdanton at junction of State Routes 97 and 173, Atascosa County, Texas" [USA]).
- Procambarus oaxacae oaxacae* Hobbs, 1973b
- = *Procambarus (Austrocambarus) oaxacae oaxacae* Hobbs, 1973b: 29, figs. 3, 4, 5 ("Cueva del Guano, 10 km NE Valle Nacional, Oaxaca, Mexico").
- Procambarus oaxacae reddelli* Hobbs, 1973b
- = *Procambarus (Austrocambarus) oaxacae reddelli* Hobbs, 1973b: 33, figs. 6, 7, 8 ("Cueva del Nacimiento del Río San Antonio, 10 km SSW Acatlán, Oaxaca, Mexico").
- Procambarus okaloosae* Hobbs, 1942b: 100; pl. 7, figs. 101–105; pl. 22 ("intersection of State Highway 41 and U.S. Highway 90 at Milligan, Okaloosa County, Florida" [USA]).
- Procambarus olmecorum* Hobbs, 1987a
- = *Procambarus (Austrocambarus) olmecorum* Hobbs, 1987a: 208, fig. 3 ("arroyo to Río Metlac near edge of Fortín de las Flores, Veracruz, Mexico").
- Procambarus orcinus* Hobbs & Means, 1972: 394, fig. 1 ("Gopher Sink, 3.1 miles southwest of Florida Road 61 and 0.2 miles east of Florida Road 369 (SW ¼ NW ¼ NE ¼ Sec.16 T. 2S R. 1W), Leon County, Florida" [USA]).
- Procambarus ortmannii* (Villalobos, 1949)
- = *Paracambarus ortmannii* Villalobos, 1949: 331; pls. 1, 2 ("Los Estajos, 6 km NE of Zihuateuta, en un pequeño arroyito que corre por el lado derecho del camino que va al rancho El Mirador, Puebla" [Mexico]).
- Procambarus ouachitae* Penn, 1956: 100, figs. 1–17 ("tributary of the South Fork of the Saline River, 2.4 miles north of U.S. Highway 70 on a local road, 6.5 miles northeast of Hot Spring (7.7 miles south-southwest of Owensville), Garland County, Arkansas" [USA]).
- Procambarus paeninsulanus* (Faxon, 1914)
- = *Cambarus clarkii paeninsulanus* Faxon, 1914: 369 ("three miles below Horse Landing, St. John's River, Putnam County, Florida" [USA]).
- Procambarus pallidus* (Hobbs, 1940a)
- = *Cambarus pallidus* Hobbs, 1940a: 394, fig. 16 ("Warrens Cave, 11 miles northwest of Gainesville, Alachua County, Fla." [Florida, USA]).
- Procambarus paradoxus* (Ortmann, 1906b)
- = *Cambarus (Paracambarus) paradoxus* Ortmann, 1906b: 3, fig. 1 ("Tetela de Ocampo y La Cañada, 35 km northeast of Zacapoaxtla, Estado de Puebla, Mexico" according to Hobbs, 1974b).
- Procambarus parasimulans* Hobbs & Robison, 1982
- = *Procambarus (Girardiella) parasimulans* Hobbs & Robison, 1982: 545, fig. 1 ("unnamed tributary to Prairie Bayou (Ouachita River basin), 10.2 miles

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- east of Bismarck on State Route 84 (Sec. 35, R 19W, T 4S), Hot Spring County, Arkansas" [USA].
- Procambarus pearsei* (Creaser, 1934)
= *Cambarus (Ortmannicus) pearsei* Creaser, 1934: 1, figs. 1, 2, 3 ("pond and ditch on Highway No. 22, south of Fayetteville, Cumberland County, North Carolina" [USA]).
- Procambarus pemi* Hobbs, 1951b: 273, figs. 1–11 ("Talisheek Creek, at Talisheek, St. Tammany Parish, a tributary of the Pearl River" [Louisiana, USA]).
- Procambarus pentastylus* Walls & Black, 2008
= *Procambarus (Pennides) pentastylus* Walls & Black, 2008: 50, figs. 1A–H, J, 2A–F, 3 ("Bearhead Creek on Louisiana Highway 389, 5.1 km E Fields, Beauregard Parish, Louisiana" [USA]).
- Procambarus petersi* Hobbs, 1981
= *Procambarus (Pennides) petersi* Hobbs, 1981: 442, figs. 12b, 173d, 176, 183b, 256 ("Rocky Comfort Creek (tributary to the Ogeechee River), 1.7 miles north of Gibson, Glascock County, Georgia, on Route S2126 and 0.4 miles east on Chalker Smith Road" [Georgia, USA]).
- Procambarus pictus* (Hobbs, 1940a)
= *Cambarus pictus* Hobbs, 1940a: 419, fig. 22 ("small, swift swamp stream about 2 miles southwest of Green Cove Springs, Clay County, Fla., on Highway No. 48" [Florida, USA]).
- Procambarus pilosimanus* (Ortmann, 1906b)
= *Cambarus (Procambarus) pilosimanus* Ortmann, 1906b: 6, fig. 2 ("probably Río Cahabón at Cobá, Province of Alta Verapaz, Guatemala" according to Hobbs, 1974b).
- Procambarus planirostris* Penn, 1953b: 71, figs. 1–12 ("one mile south of Walker (on Louisiana Highway 336), Livingston Parish, Louisiana" [USA]).
- Procambarus plumimanus* Hobbs & Walton, 1958
= *Procambarus pearsei plumimanus* Hobbs & Walton, 1958: 8, figs. 1–13 ("roadside ditch 2.2 miles southeast of Havelock, Craven County, North Carolina on Hwy. 70" [USA]).
- Procambarus pogum* Fitzpatrick, 1978c
= *Procambarus (Girardiella) pogum* Fitzpatrick, 1978c: 83, figs. 91–108 ("Houston, Chickasaw County, Mississippi" [USA]).
- Procambarus primaevus* (Packard, 1880)††
= *Cambarus primaevus* Packard, 1880: 223 ("western border of Wyoming" [USA]; neotype designated by Feldmann *et al.*, 1981: 797).
- Procambarus pubescens* (Faxon, 1884)
= *Cambarus pubescens* Faxon, 1884: 109 ("McBean Creek, south of Augusta, Richmond County, Georgia" [USA] according to Hobbs, 1974b).
- Procambarus pubischelae deficiens* Hobbs, 1981
= *Procambarus (Leonticambarus) pubischelae deficiens* Hobbs, 1981: 356, figs. 18d, 135, 241 ("roadside ditch, 3 miles south of Baxley, Appling County, Georgia, on U.S. Highway 1" [USA]).
- Procambarus pubischelae pubischelae* Hobbs, 1942b
= *Procambarus pubichelae* Hobbs, 1942b: 41; pl. 2, figs. 6–10; pl. 13 ("pond and roadside ditch 9.4 miles north (State Highway 82) of Lake City, Columbia County, Florida" [USA]).
- Procambarus pycnogonopodus* Hobbs, 1942b: 117; pl. 8, figs. 126–130 ("roadside excavation and adjoining intermittent stream in the flatwoods 5.8 miles west of Wewahitchka on State Highway 52, Gulf County, Florida [USA] according to Hobbs, 1943a).
= *Procambarus pycnogonopodus* Hobbs, 1943a: 53, figs. 3, 4, 8, 9, 11, 15, 19, 20, 21, 24, 25, 27, 28, 30, 32 ("roadside excavation and adjoining intermittent stream in the flatwoods 5.8 miles west of Wewahitchka on State Highway 52, Gulf County, Florida" [USA]).
- Procambarus pygmaeus* Hobbs, 1942b: 83; pl. 5, figs. 66–70; pl. 20 ("about 16 miles north of Fargo on Georgia State Highway 89, Clinch County, Georgia" [USA]).
- Procambarus raneyi* Hobbs, 1953b: 412, figs. 1–12 ("south fork of the Broad River, 1 mile south of Carlton on the Oglethorpe-Madison County line, Georgia (Savannah River drainage system)" [USA]).
- Procambarus rathbunae* (Hobbs, 1940a)
= *Cambarus rathbunae* Hobbs, 1940a: 414, fig. 21 ("near the Yellow River at Milligan, Okaloosa County, Fla., at intersection of State Highway No. 41 and U.S. Highway No. 90" [Florida, USA]).
- Procambarus regalis* Hobbs & Robison, 1988
= *Procambarus (Girardiella) regalis* Hobbs & Robison, 1988: 398, figs. 3, 4, 14 ("De Ann Cemetery, about 1 mile (.6 km) west of the junction of State Routes 19 and 24 on latter at western city limit of Prescott, Nevada County, Arkansas (T. 11S, R. 22W, Sec. 8)" [USA]).
- Procambarus regiomontanus* Villalobos F., 1954b
= *Procambarus simulans regiomontanus* Villalobos F., 1954b: 289; pls. 1, 2 ("5 km N de Monterrey, N. L." [Nuevo León, Mexico]).
- Procambarus reimeri* Hobbs, 1979
= *Procambarus (Girardiella) reimeri* Hobbs, 1979: 804, fig. 1 ("roadside ditch about five miles northeast of Mena, Polk County, Arkansas, on unnumbered road to Iron Fork River" [USA]).
- Procambarus riojae* (Villalobos, 1944a)
= *Paracambarus riojae* Villalobos, 1944a: 162; pl. 1 ("Huachinango, estado de Puebla, riachuelos tributarios del río Necaxa" [Mexico]).
- Procambarus roberti* Villalobos Figueroa & Hobbs, 1974
= *Procambarus (Pennides) roberti* Villalobos Figueroa & Hobbs, 1974: 3, fig. 2 ("ditch from La Media Luna, 4.8 miles (6.6 km) south of Río Verde (on highway to Pedro Montoya) and 2.5 miles (4 km) west on dirt road to Mina El Refugio, San Luis Potosí, Mexico").
- Procambarus rodriguezii* Hobbs, 1943b: 203; pl. 2 ("cave, four kilometres northwest of the hacienda at Potrero Viejo, Paraje Nuevo, Vera Cruz, Mexico").
- Procambarus rogersi campestris* Hobbs, 1942b: 90; pl. 6, figs. 81–85 (about 12 miles south of Tallahassee, Leon County, Florida (Sec. 16–17, T.2S, R. 2W)" [USA] according to Hobbs, 1974).
- Procambarus rogersi expletus* Hobbs & Hart, 1959: 179, figs. 27–39 ("seepage slope, 0.9 mile north of Clarksville, Calhoun County, Florida, on State Highway 73" [USA]).
- Procambarus rogersi ochlockensis* Hobbs, 1942b: 89; pl. 5, figs. 76–80 ("7.3 miles west of Quincy, on U.S. Highway 90, Gadsden County, Florida (Sec. 1, T. 2N, R. 5W)" [USA according to Hobbs, 1974b]).
- Procambarus rogersi rogersi* (Hobbs, 1938)
= *Cambarus rogersi* Hobbs, 1938: 62, fig. 1 ("flat-woods four miles north of Blountstown on State Highway no. 6" [Florida, USA]).
- Procambarus ruthveni* (Pearse, 1911)
= *Cambarus ruthveni* Pearse, 1911: 110 ("Cuatotolapam, Cantón de Acayucan, Veracruz, Mexico" according to Hobbs, 1974b).
- Procambarus sbordonii* Hobbs, 1978
= *Procambarus (Austrocambarus) sbordonii* Hobbs, 1978: 201, fig. 2 ("Cueva del Nacimiento de Río S. Domingo, near the village of Bochil, at 1250 m" [Chiapas, Mexico]).
- Procambarus seminolae* Hobbs, 1942b: 142; pl. 10, figs. 166–170; pl. 24 [roadside excavation about nine miles northeast of Gainesville, on State Highway 13, Alachua County, Florida" [USA]).
- Procambarus shermani* Hobbs, 1942b: 61; pl. 3, figs. 36–40; pl. 18 ("about 12 miles southwest of Jay, Santa Rosa County, Florida, in the Escambia River swamp along McCaskill's Mill Creek" [USA]).
- Procambarus simulans* (Faxon, 1884)
= *Cambarus simulans* Faxon, 1884: 112 ("Dallas, Texas" [USA] according to Hobbs, 1974b).
= *Cambarus gallinus* Cockerell & Forter, 1900: 434, unnumbered text-figure ("Gallinas River at Las Vegas, New Mexico" [USA] according to Hobbs, 1974b).
= *Cambarus baumgartneri* Harris, 1901: 115 [nomen nudum].
- Procambarus spiculifer* (Le Conte, 1856)
= *Astacus spiculifer* Le Conte, 1856: 401 ("Athens, Clarke County, Georgia" [USA] according to Hobbs, 1974b).
- Procambarus steigmani* Hobbs, 1991b
= *Procambarus (Girardiella) steigmani* Hobbs, 1991b: 309, figs. 1, 2 ("Parkhill Prairie, a 52 acre tract of grassland in the Trinity River basin, 9.4 miles (15 km) north of U.S. Highway 380 off State Highway 36, Collin County, Texas (33°16'N 96°18'W)" [USA]).
- Procambarus strenthi* Hobbs, 1977b
= *Procambarus (Scapulicambarus) strenthi* Hobbs, 1977b: 412, figs. 1, 2 ("small stream 15 mi (24 km) W of Ciudad Valles, San Luis Potosí, Mexico").
- Procambarus suttkusi* Hobbs, 1953c: 173, pl. 9 ("tributary of Claybank Creek, 2.0 miles west of Ozark, Dale County, Alabama, on Rt. 27 [Choctawhatchee River drainage]" [USA]).
- Procambarus talpoides* Hobbs, 1981
= *Procambarus (Hagenides) talpoides* Hobbs, 1981: 329, figs. 17e, 118d, e, 125, 126, 127, 238 ("Hogtown Creek just southwest of the junction of 13th (U.S. Highway 441) and Boundary streets in Gainesville, Alachua County, Florida" [USA]).
- Procambarus texanus* Hobbs, 1971b: 87, fig. 2 ("Fish Hatchery near Smithville, Bastrop County, Texas" [USA]).
- Procambarus tezuatlanensis* (Villalobos, 1947a)
= *Paracambarus tezuatlanensis* Villalobos, 1947a: 240; pl. 2; pl. 3, figs. 5–8 ("Chignautla, a 5 km. al Oriente de Teziutlán, Estado de Puebla" [Mexico]).

- Procambarus tlapacoyanensis* (Villalobos, 1947b)
= *Paracambarus tlapacoyanensis* Villalobos, 1947b: 537; pl. 1, 2 (“Cañada de Tomata, Tlapacoyan, Veracruz” [Mexico]).
- Procambarus tolteca* Hobbs, 1943b: 198; pl. 1 (“stream about five miles north of Tomazunchale, at Palitla, San Luis Potosí, Mexico”).
- Procambarus troglodytes* (Le Conte, 1856)
= *Astacus troglodytes* Le Conte, 1856: 400 (“Georgia oryzaceis” [= rice fields in Georgia, USA]).
= *Astacus fossarus* Le Conte, 1856: 401 (“in fossis Georgia inferioris” [= ditches in lower Georgia]).
= *Astacus maniculatus* Le Conte, 1856: 401 (“in fossis Georgia inferioris” [= ditches in lower Georgia]).
- Procambarus trulentus* Hobbs, 1954: 111, figs. 1–13 (“seepage area 11 miles north of Lyons in Emanuel County, Georgia, on U.S. Highway 1” [USA]).
- Procambarus tulane* Penn, 1953c: 163, figs. 1–12 (“unnamed tributary of Bayou D’Arbonne, 4 miles west of Dubach (on Louisiana Highway 288), Lincoln Parish, La.” [Louisiana, USA]).
- Procambarus vazquezae* Villalobos F., 1954a: 328; pls. 7, 8 (“Playa Norte de la Laguna de Catemaco, Ver.” [Veracruz, Mexico]).
- Procambarus veracruzianus* Villalobos F., 1954a: 323; pls. 5, 6 (“Presidio, 30 km. SE Córdoba, Veracruz. Cuenca del río Papaloapan” [Mexico]).
- Procambarus verrucosus* Hobbs, 1952c: 212, fig. 82 (“tributary of Caleba Creek (Alabama River system), 3.9 miles south of Tuskegee, Macon County, Ala., on U.S. Highway 29” [Alabama, USA]).
- Procambarus versutus* (Hagen, 1870)
= *Cambarus versutus* Hagen, 1870: 51; pl. 1, figs. 55–58; pl. 2, fig. 150 (“Spring Hill, Mobile County, Alabama” [USA] according to Hobbs, 1974b).
- Procambarus viaeviridis* (Faxon, 1914)
= *Cambarus viaeviridis* Faxon, 1914: 370; pl. 5 (“St. Francis River, Greenway, Clay Co., Arkansas” [USA]).
- Procambarus villalobosi* Hobbs, 1969c: 41, fig. 2 (“Cueva del Agua, 75 km al oeste de Valles, San Luis Potosí, Mexico”).
- Procambarus vioscai paynei* Fitzpatrick, 1990
= *Procambarus* (*Pennides*) *vioscai paynei* Fitzpatrick, 1990: 259, fig. 1 (“Big Black River at State Route 9, approx. 1 mile (1.6 km) S of Eupora, Choctaw-Webster counties, Mississippi” [USA]).
- Procambarus vioscai vioscai* Penn, 1946
= *Procambarus vioscai* Penn, 1946: 27, fig. 1 (“Big Creek at Fishville, about 3 miles east of Pollock, Grant Parish, La.” [Louisiana, USA]).
- Procambarus williamsoni* (Ortmann, 1905b)
= *Cambarus* (*Procambarus*) *williamsoni* Ortmann, 1905b: 439, figs. 1, 2, 3 (“about 4 to 5 miles due south of the town of Izabal, south of Rio Malagua, Los Amates, Province of Izabal, Guatemala”).
- Procambarus xilitlae* Hobbs & Grubbs, 1982
= *Procambarus* (*Scapulicambarus*) *xilitlae* Hobbs & Grubbs, 1982: 45, fig. 1 (“Hoya de las Guaguas, 10 kilometers south-southwest of Aquismón, and very near the town of Xilitla, San Luis Potosí, Mexico”).
- Procambarus xochitlanae* Hobbs, 1975
= *Procambarus* (*Villalobosus*) *xochitlanae* Hobbs, 1975: 16, fig. 5 (“Cueva de Los Camarones (Rio Tecolutla Basin), 3 km northwest of Xochitlán, Puebla” [Mexico]).
- Procambarus youngi* Hobbs, 1942b: 131; pl. 9, figs. 146–150; pl. 23 (“Guard House Branch, about one mile west of Weewahitchka on State Highway 52, Gulf County, Florida” [USA]).
- Procambarus zapoapensis* Villalobos F., 1954a
= *Procambarus ruthveni zapoapensis* Villalobos F., 1954a: 347; pls. 11, 12 (“Zapoapan de Cabaña, 11 km S. SE. de Catemaco, Veracruz. Cuenca del Río Papaloapan” [Mexico]).
- Procambarus zihuateuilensis* Villalobos, 1951: 394; pls. 8, 9 (“Arroyo de Tlatentilyan, Los Estajos, municipio de Zihuateutla, Puebla” [Mexico]).
- Procambarus zonangulus* Hobbs & Hobbs, 1990
= *Procambarus* (*Ortmannicus*) *zonangulus* Hobbs & Hobbs, 1990: 608, fig. 1 (“Dishman Road at Tram Road north of Meeker, Jefferson County, Texas (30°7’N, 94°15’W)” [USA]).
- Troglocambarus** Hobbs, 1942a
= *Troglocambarus* Hobbs, 1942a: 345 [type species *Troglocambarus maclanei* Hobbs, 1942a, by original designation; gender masculine].
= *Troglocambarus* Hobbs, 1942b: 146 [type species *Troglocambarus maclanei* Hobbs, 1942a, by monotypy; gender masculine].
- Troglocambarus maclanei* Hobbs, 1942a: 345; pls. 1, 2 (“Squirrel Chimney, a small cave about 11 miles north-west of Gainesville, Alachua County, Florida (Sec. 21, Twp. 9S, R. 18E)” [USA].
= *Troglocambarus maclanei* Hobbs, 1942b: 146; pls. 1; 10, figs. 171–175 (“Squirrel Chimney” [Florida, USA]).
- Family Cambaroididae** Villalobos, 1955
= Cambaroidinae Villalobos, 1955: 7.
- Cambaroides** Faxon, 1884
= *Astacus* Pallas, 1772: 81 [type species *Astacus Dauricus* Pallas, 1772, by monotypy; gender masculine; suppressed under the plenary powers for the purposes of the Law of Priority and the Law of Homonymy in Direction 12, see Anonymous, 1955].
= *Astacus* (*Cambaroides*) Faxon, 1884: 150 [type species *Astacus japonicus* De Haan, 1841 [in De Haan, 1833–1850], by subsequent designation in Faxon (1898); gender masculine].
- Cambaroides dauricus* (Pallas, 1772)
= *Astacus dauricus* Pallas, 1772: 81 (“Siberia”).
= *Astacus leptorhinus* Fischer de Waldheim, 1836: 467; pl. 5 (“rivière Chila en Daourie” [= Shilka River, Dauria, Russian Far East]).
- Cambaroides japonicus* (De Haan, 1841 [in De Haan, 1833–1850])
= *Astacus japonicus* De Haan, 1841 [in De Haan, 1833–1850]: 164; pl. 35, fig. 9 (“central-western Aomori Prefecture, Honshu” [Japan] according to Kawai & Fitzpatrick, 2004; lectotype designated by Yamagushi & Baba, 1993: 233).
= *Cambaroides neglectus* Skorikov, 1907: 116 [nomen nudum].
- Cambaroides koshevenikovi* Birstein & Vinogradov, 1934
= *Cambaroides dauricus koshevenikovi* Birstein & Vinogradov, 1934: 56, fig. 23E (“freshwater part of the Tatar Straits (Tatarskiy Proлив), Amur Liman near Pronge” [Russian Far East; translated from the original]).
- Cambaroides schrenckii* (Kessler, 1874)
= *Astacus Schrenckii* Kessler, 1874: 363 (“Ussri River, Amur River and Kidzi” [Russian Far East]; lectotype designated by Kawai & Tudge, 2008: 159).
= *Cambaroides schrenckii sachalinensis* Birstein & Vinogradov, 1934: 57 (“Sakhalin Island, in rivers flowing to Amur Liman” [Russian Far East; translated from the original]).
= *Austropotamobius pallipes bispinosus* Karaman, 1961: 12 (“Amorse, Tatanz” [? = lake in the Amur Basin, Russian Far East]; lectotype designated by Holthuis, 1964a: 47).
- Cambaroides similis* (Koelbel, 1892)
= *Astacus* (*Cambaroides*) *similis* Koelbel, 1892: 651, figs. 1–11 (“Kyonggi-do Province, South Korea”; lectotype designated by Kawai & Min, 2005: 785).
- Cambaroides wladivostokiensis* Birstein & Vinogradov, 1934
= *Cambaroides wladivostokiensis* Birstein & Vinogradov, 1934: 56, fig. 23C, D (“Peter the Great Bay basin (“Zaliv Petra Velikogo”), affluents of Muda-Dzian River” [Russian Far East; translated from the original]).
- Family Cricoidoscelosidae** †† Taylor, Schram & Shen, 1999
Cricoidoscelosus †† Taylor, Schram & Shen 1999
= *Cricoidoscelosus* Taylor, Schram & Shen 1999: 130 [type species *Cricoidoscelosus aethus* Taylor, Schram & Shen 1999, by original diagnosis and monotypy; gender masculine].
Cricoidoscelosus aethus Taylor, Schram & Shen 1999: 130, figs. 3, 7, 8 (“Lingyuan County, Liaoning Province” [P.R. China]).
- Superfamily Parastacoidea** † Huxley, 1879
Family Parastacidae † Huxley, 1879
= Parastacidae Huxley, 1879: 771.
= Austroastacidae Clark, 1936: 8.
= Euastacidae Riek, 1959: 255.
= Astacoidinae Starobogatov, 1996: 23.
= Parastacoidinae Starobogatov, 1996: 24.
- Aenigmastacus** †† Feldmann, Schweitzer & Leahy, 2011
= *Aenigmastacus* Feldmann, Schweitzer & Leahy, 2011: 3211 [type species *Aenigmastacus crandalli* Feldmann, Schweitzer & Leahy, 2011 by original designation; gender masculine].
Aenigmastacus crandalli †† Feldmann, Schweitzer & Leahy, 2011: 322, figs. 1–4 (“McAbee beds of the Kamloops Group at the McAbee locality, 50°47.181’ N, 121°08.568’ W, east from Cache Creek, British Columbia, Canada”).
- Astacoides** Guérin-Méneville, 1839
= *Astacoides* Guérin-Méneville, 1839: 109 [type species *Astacoides Goudotii* Guérin-Méneville, 1839, by monotypy; gender masculine].
- Astacoides betsileoensis* Petit, 1923
= *Astacoides madagascariensis* var. *betsileoensis* Petit, 1923: 219 (“vicinity of Fianarantsoa, Madagascar” according to Hobbs, 1987b).
- Astacoides caldwelli* (Spence Bate in Sclater, 1865)

- = *Astacoides Goudotii* Guérin-Méneville, 1839: 109 (“Madagascar”; lectotype designated by Holthuis, 1964b: 314; suppressed for the Purposes of the Principle of Priority but not the Principle of Homonymy and placed on the Official Index of Rejected and Invalid specific Names in Zoology in Opinion 519, see Anonymous, 1958b).
- = *Astacus caldwelli* Spence Bate in Sclater, 1865: 469; pl. 27 (“Madagascar, vicinity of Antananarivo”).
- Astacoides crosnieri* Hobbs, 1987b: 27, figs. 2a, b, 3c, 4, 6a, 10e, 11d, 12, 13e, 14, 15, 16 (“Marais d’Ampamaherana, situé à 25 km de Fianarantsoa sur la ligne de Chemin de fer, Fianarantsoa-Manakara, Madagascar”).
- Astacoides granulimanus* Monod & Petit, 1929
- = *Astacoides madagascariensis* var. *granulimanus* Monod & Petit, 1929: 22, figs. 1E, 4C, F, H, J, 6E, 7D–I, 8C–D, 9 (partim) (“Forêt d’Ikongo, Vinanitelo, Madagascar”; lectotype designated by Hobbs, 1987b: 36).
- Astacoides hobbsi* Boyko, Ravoahangimalala, Randriamasimanana & Razafindrazaka, 2005: 43, fig. 1 (“Andranofotsiorana, effluent of Ranomadio river, 20°19’S, 47°39’E, Fianarantsoa province, Madagascar”).
- Astacoides madagascarensis* (H. Milne Edwards & Audouin, 1839)
- = *Astacus madagascarensis* H. Milne Edwards & Audouin, 1839: 152 (“Madagascar”, probably “vicinity of Tananarive” according to Hobbs, 1987b; lectotype designated by Holthuis, 1964b: 311).
- = *Astacoides madagascariensis* var. *madagascariensis* Monod & Petit, 1929: 12, figs. 1C, 1bis, I–F, 4G, O, P, 5F, 6A–C, 8E, F (“Manjakatempo (Ankaratra); Sambaina (prov. du Vakianankaratra); région d’Antsirabe (province du Vakianankaratra); Vakianankaratra” [Madagascar]).
- = *Astacoides madagascariensis* var. *brevirostris* Monod & Petit, 1929: 18, figs. 1A, 1bis F, H, 3D, 4D, M, N, 5A, C–E, 5bis, 6D, 8A, B (“environs de Tananarive; marché de Tananarive; ruisseau de Tananarive” [Madagascar]).
- Astacoides petiti* Hobbs, 1987b: 31, figs. 3c, 6b, 10b, 12, 13f, 14, 17, 18 (“Fond de la vallée d’Isaka (= Isaha?), Madagascar”).
- Astacopsis** † Huxley, 1879
- = *Astacopsis* Huxley, 1879: 764 [type species *Astacus franklinii* Gray in Eyre, 1845, by monotypy; gender feminine].
- Astacopsis franklinii* † (Gray in Eyre, 1845)
- = *Astacus franklinii* Gray in Eyre, 1845: 409; pl. 3, fig. 1 (“Van Diemen’s Land” [= Tasmania, Australia]; lectotype (as lectoholotype) designated by Riek, 1969: 898).
- = *Astacopsis fluviatilis* Riek, 1969: 912, fig. 16A (“Hobart Creek, Hobart” [Tasmania, Australia]).
- Astacopsis gouldi* Clark, 1936: 35; pl. 7, fig. 28 (“Circular Head, Tas.” [Tasmania, Australia]; lectotype (as type) designated by Riek, 1969: 898).
- Astacopsis tricornis* Clark, 1936: 36; pl. 1, fig. 7; pl. 7, fig. 29 (“Tasmania: Lake St. Clair” [Australia]; lectotype (as type) designated by Clark, 1939: 121, see Lew Ton & Poore, 1987).
- Cherax** Erichson, 1846
- = *Cherax* Erichson, 1846: 88 [type species *Astacus (Cheraps) Preissii* Erichson, 1846, by monotypy; gender masculine; accepted as the Valid Original Spelling and placed on the Official List of Generic Names in Zoology in Opinion 519, see Anonymous, 1958b].
- = *Cheraps* Erichson, 1846: 101 [considered to be an Invalid Original Spelling for *Cherax* Erichson, 1846 and placed on the Official Index of Rejected and Invalid Names in Zoology in Opinion 519, see Anonymous, 1958b].
- = *Astaconephrops Nobili*, 1899: 244 [type species *Astaconephrops Albertisii* Nobili, 1899, by monotypy; gender masculine].
- = *Parachaeraps* Smith, 1912: 161 [type species *Astacus bicarinatus* Gray in Eyre, 1845, by monotypy; gender masculine].
- Cherax albertisii* (Nobili, 1899)
- = *Astaconephrops Albertisii* Nobili, 1899: 244 (“Katau” [= Katau River, Papua New Guinea]).
- = *Cherax divergens* Holthuis, 1950: 3, fig. 1 (“Upper Fly River, 5 miles below Palmer Junction, Western Division of Papua, latitude 5°58’ S., longitude 141° 28’ E.” [Papua New Guinea]).
- Cherax albidus* Clark, 1936: 28; pl. 1, fig. 4; pl. 6, fig. 24 (“Nurrabel” [Victoria, Australia]; lectotype designated by Lew Ton & Poore, 1987: 23).
- Cherax austini* Coughran, Dawkins, Hobson & Furse, 2012: 47, fig. 2 (“Whitsunday Islands National Park, southeastern corner of Whitsunday Island, Queensland; 20°17’50”S 149°02’51”E” [Australia]).
- Cherax barretti* Clark, 1941a: 31; pl. 10, fig. 1 (“Wessel Island, Japanese Creek” [Northern Territory, Australia]).
- Cherax bicarinatus* (Gray in Eyre, 1845)
- = *Astacus bicarinatus* Gray in Eyre, 1845: 410; pl. 3, fig. 2 (“Port Essington, N.T.” [Northern Territory, Australia]; lectotype (as lectoholotype) designated by Riek, 1969: 899).
- Cherax boschmai* Holthuis, 1949: 322; pl. 6, fig. 1; pl. 9, fig. 4 (“Paniai Lake” [Papua Province, Indonesia]).
- Cherax boesemani* Lukhaup & Pekny, 2008
- = *Cherax (Astaconephrops) boesemani* Lukhaup & Pekny, 2008: 331, figs. 1–5 (“Indonesia, Western Irian Jaya, Kais River Drainage, at the shorelines of the Ajamaru Lakes” [= Ajamaru Lakes, West Papua Province]).
- Cherax buitendijkae* Holthuis, 1949: 315; pl. 4, fig. 3; pl. 5, fig. 1; pl. 9, fig. 1 (“Paniai Lake” [Papua Province, Indonesia]).
- Cherax cainii* Austin & Ryan, 2002: 360, figs. 2, 3, 4 (“Scott R., Brennan Bridge, Scott R. Road, 12 km northeast of Augusta, southwestern Western Australia” [Australia]).
- Cherax cairnsensis* Riek, 1969: 914 (“near Anderson St., Cairns, N. Qld.” [Queensland, Australia]).
- Cherax cartalacoolah* Short, 1993: 55, figs. 1, 2, 3, 4A, B (“Cape Flattery, second creek south of headland, 14°59.2’S 145°20.2’E” [Queensland, Australia]).
- Cherax cid* Coughran, Dawkins, Hobson & Furse, 2012: 51, fig. 3 (“unnamed stream flowing into Cid Harbour, Whitsunday Islands National Park, western side of Whitsunday Island, Queensland; 20°15’31”S 148°57’04”E” [Australia]).
- Cherax communis* Holthuis, 1949: 319; pl. 5, fig. 3; pl. 7, fig. 3; pl. 9, fig. 3 (“Paniai Lake” [Papua Province, Indonesia]).
- Cherax crassimanus* Riek, 1967a: 119, fig. 5d; pl. 3B (“Beedelup Falls, Pemberton area, W. A.” [Western Australia, Australia]).
- Cherax cuspidatus* Riek, 1969: 913, fig. 15F (“20 miles south of Port Macquarie, N.S.W.” [New South Wales, Australia]).
- Cherax depressus* Riek, 1951: 375, figs. 7–9 (“Mt. Coot-tha, Brisbane” [Queensland, Australia]).
- Cherax destructor* Clark, 1936: 26; pl. 1, figs. 3, 5; pl. 5, fig. 23 (“ponds in University grounds, Melbourne, Vic.” [Victoria, Australia]; lectotype designated by Lew Ton & Poore, 1987: 23).
- = *Cherax davisii* Clark, 1941a: 33; pl. 10, fig. 3 (“New South Wales: Dumaresq Creek, Armidale” [Australia]).
- = *Cherax esculus* Riek, 1956: 6 (“Peel River at Nundle, N.S.W.” [New South Wales, Australia]).
- Cherax dispar crassus* Riek, 1951: 372 (“Caboolture, Queensland” [Australia]).
- Cherax dispar dispar* Riek, 1951
- = *Cherax dispar* Riek, 1951: 371, figs. 2, 3 (“Sandy Creek, Moorooka, Brisbane” [Queensland, Australia]).
- Cherax dispar elongatus* Riek, 1951: 372, fig. 4 (“Lake McKenzie, Fraser Island, Queensland” [Australia]).
- Cherax gherardii* Patoka, Bláha & Kouba, 2015a
- = *Cherax (Astaconephrops) gherardii* Patoka, Bláha & Kouba, 2015a: 527, figs. 1–3 (“surrounding tributary streams to Ajamaru (also Ajamaru or Aiamaru) Lakes, West Papua, Indonesia (GPS S1°16’23.18” E132°12’21”)”).
- = *Cherax (Astaconephrops) gherardiae* Patoka, Bláha & Kouba, 2015b: 830 [unjustified emendation under Art. 32.5.1].
- Cherax glaber* Riek, 1967a: 120, fig. 5f; pl. 4B (“12 miles north of Augusta, W.A.” [Western Australia, Australia]).
- Cherax gladstonensis* Riek, 1969: 915 (“Gladstone, Qld.” [Queensland, Australia]).
- Cherax holthuisi* Lukhaup & Pekny, 2006
- = *Cherax (Cherax) holthuisi* Lukhaup & Pekny, 2006: 101, figs. 1–4 (“Indonesia, Western Irian Jaya [= West Papua province], Kais River Drainage, at the shorelines of the Aitinjo Lake, situated about 25 km southeast of Ajamaroe”).
- Cherax leckii* Coughran, 2005a: 191, figs. 2, 3 (“ephemeral tributary of Koreelah Creek (dry sclerophyll), Koreelah National Park, north-eastern N.S.W.; 28°16.932’S 152°28.578’E” [New South Wales, Australia]).
- Cherax longipes* Holthuis, 1949: 317; pl. 5, fig. 2; pl. 9, fig. 2 (“Meijepa, Tigi Lake” [Papua Province, Indonesia]).
- Cherax lorentzi aruanus* Roux, 1911
- = *Cheraps aruanus* Roux, 1911: 88, figs. 1–3 (“Ngaigouli, Pobdjetour (Trangan); Seltouli and Manoumbai (Kobroor), Arou” [=Aru Islands, Maluku Province, Indonesia]).
- Cherax lorentzi lorentzi* Roux, 1911

- = *Cheraps lorentzi* Roux, 1911: 97, figs. 4, 5 (“near Mapar, Manikion District, N.W. New Guinea, W. of Geelvink Bay, 1°42’S, 133°50’E” [West Papua Province, Indonesia], lectotype designated by Holthuis, 1949: 305).
- Cherax minor* Holthuis, 1996
= *Cherax (Astaconephrops) minor* Holthuis, 1996: 361, figs. 1, 2 (“Sungai Kurao, Wurigelebur, Irian Jaya, 3°47’S 138°42’E” [Papua Province, Indonesia]).
- Cherax misolicus* Holthuis, 1949: 307; pl. 7, fig. 1; pl. 8, fig. 3 (“Misool, off N.W. New Guinea, 1°40’–2°4’S 129°44’–130°30’E, in small rivulet” [West Papua Province, Indonesia]).
- Cherax monticola* Holthuis, 1950: 7, figs. 2–4 (“Ibele River, 15 km northeast of Habbema Lake, altitude 2250 m, latitude 4°S, longitude 138°44’ E” [Papua Province, Indonesia]).
- Cherax murido* Holthuis, 1949: 313; pl. 4, fig. 2; pl. 8, fig. 6 (“Paniai Lake” [Papua Province, Indonesia]).
- Cherax neopunctatus* Riek, 1969: 913 (“Coffs Harbour, N.S.W.” [New South Wales, Australia]).
- Cherax nucifraga* Short, 1991: 115, figs. 1–4 (“Palm Springs, near Channel Pt, Northern Territory, 13°11’S, 130°10.5’E” [Australia]).
- Cherax pallidus* Holthuis, 1949: 311; pl. 4, fig. 1; pl. 8, fig. 5 (“Paniai Lake” [Papua Province, Indonesia]).
- Cherax paniaicus* Holthuis, 1949: 324; pl. 6, fig. 2; pl. 9, fig. 5 (“Paniai Lake” [Papua Province, Indonesia]).
- Cherax papuanus* Holthuis, 1949: 309; pl. 2, fig. 2; pl. 8, fig. 4 (“Lake Marguerite (= Lake Kutubu), Papua, 6°22’S, 143°17’E” [Papua New Guinea]).
- Cherax parvus* Short & Davie, 1993: 70, figs. 1–4 (“O’Leary Ck, tributary of the Tully R. above Koombuloomba Dam, 17°50.7’S, 145°37.7’E” [Queensland, Australia]).
- Cherax peknyi* Lukhaup & Herbert, 2008
= *Cherax (Cherax) peknyi* Lukhaup & Herbert, 2008: 213, figs. 1, 2, 3A–G (“Tamu Creek, Fly River Drainage, 7°34’ S 141°03’ E, Western Province, PNG” [Papua New Guinea]).
- Cherax plebejus* (Hess, 1865)
= *Astacoides plebejus* Hess, 1865: 164; pl. 7, fig. 17 [“Sydney”]; presumed to be in error by Riek (1967a) who considers the type series to come from “Albany area, Western Australia” [Australia].
= *Cheraps intermedius* Smith, 1912: 168; pl. 24, fig. 2; pl. 27, fig. 34 (“Western Australia” [Australia]).
- Cherax preissii* (Erichson, 1846)
= *Astacus (Cheraps) Preissii* Erichson, 1846: 101 (“near Albany” [Western Australia, Australia]; neotype designated by Riek (1951: 377).
= *Cheraps preissii* var. *angustus* McCulloch, 1914: 231; pl. 32 (“near Albany” [Western Australia, Australia]; lectotype (as holotype) designated by Riek, 1951: 377, valid designation under Art. 74.5 (ICZN, 1999)).
- Cherax pulcher* Lukhaup, 2015
= *Cherax (Astaconephrops) pulcher* Lukhaup, 2015: 2, figs. 1–5 (“Hoa Creek, Teminabuan region, Kepala Burung (Vogelkop) Peninsula, West Papua, Indonesia”).
- Cherax punctatus* Clark, 1936: 29; pl. 1, fig. 6; pl. 6, fig. 25 (“Queensland: Coorari” [Australia]).
- Cherax quadricarinatus* (von Martens, 1868)
= *Astacus quadricarinatus* von Martens, 1868: 617 (“Cap York” [= Cape York, Queensland, Australia]).
- Cherax quinquecarinatus* (Gray in Eyre, 1845)
= *Astacus quinque-carinatus* Gray in Eyre, 1845: 410; pl. 3, fig. 3 (“Western Australia, near Swan River” [Australia]).
= *Cherax glabrimanus* Riek, 1967a: 117, fig. 5c; pl. 3A (“10 miles south of Yallingup, W.A.” [Western Australia, Australia]).
= *Cherax neocarinaratus* Riek, 1967a: 118 (“10 miles east of Blackwood River, Western Australia” [Australia]).
- Cherax rhynchotus* Riek, 1951: 377, fig. 12 (“Mapoon, Queensland” [Australia]).
- Cherax robustus* Riek, 1951: 376, fig. 10 (“Lake Birrabeen, Fraser Island” [Queensland, Australia]).
- Cherax rotundus* Clark, 1941a: 34; pl. 10, fig. 2 (“Queensland: Muddy River, Severn” [Australia]).
- Cherax setosus* Riek, 1951
= *Cherax rotundus setosus* Riek, 1951: 385 (“Booral, Karuah River, Port Stephens, N.S.W.” [New South Wales, Australia]).
- Cherax snoevden* Lukhaup, Panteleit & Schrimpf, 2015: 4, figs. 1–5. (“Oinsok River Drainage, Sawiat District, Kepala Burung (Vogelkop) Peninsula, West Papua, Indonesia”).
- = *Cherax (Cherax) subterigneus* Patoka, Bláha & Kouba, 2015b: 831, figs. 1–5 (“Kais River drainage, at the shoreline of Aitinjo Lake, about 20–25 km southeast of Ajamaru Lakes, West Papua (GPS 1°25’55.895”S 132°22’55.996”E)” [Indonesia]).
- Cherax solus* Holthuis, 1949: 326; pl. 6, fig. 3; pl. 9, fig. 6 (“Meijepa, Tigi Lake” [Papua Province, Indonesia]).
- Cherax tenuimanus* Smith, 1912
= *Cheraps tenuimanus* Smith, 1912: 166; pl. 22; pl. 27, fig. 30 (“Margaret River, Western Australia” [Australia]).
- Cherax urospinosus* Riek, 1969: 916 (“Indooroopilly, Brisbane, Qld.” [Queensland, Australia]).
- Cherax warsamsonicus* Lukhaup, Eprilurahman & von Rintelen, 2017: 154, figs. 1–5 (“unnamed creek draining into Warsamson River, north of Sorong City, 0°49’16.62”S 131°23’3.34”E, West Papua, Indonesia”).
- Cherax wasselli* Riek, 1969: 914 (“Bridge Spring, between Rocky R. and Scrubby C., Cape York, Qld.” [Queensland, Australia]).
- Engaeus Erichson, 1846**
= *Astacus (Engaeus) Erichson*, 1846: 102 [type species *Astacus (Engaeus) fossor* Erichson, 1846, by subsequent designation in Clark (1936); gender masculine].
= *Pseudengaeus* Clark, 1936; 47 [type species *Pseudengaeus strictifrons* Clark, 1936, by original designation; gender masculine].
= *Austroastacus* Clark, 1936: 51 [type species *Engaeus hemircirratulus* Smith & Schuster, 1913, by original designation; gender masculine].
- Engaeus affinis* Smith & Schuster, 1913: 120, figs. 23, 24, 25, 26 (“Warburton, Vic.” [Victoria, Australia] according to Riek, 1969).
= *Engaeus villosus* Clark, 1936: 44; pl. 1, fig. 10; pl. 9, fig. 36 (“Victoria: Acheron River flats, near Marysville” [Australia]).
- Engaeus australis* Riek, 1969: 905, fig. 14D (“Lilly Pilly Gully, Wilson’s Promontory, Vic.” [Victoria, Australia]).
- Engaeus cisternarius* Suter, 1977: 78, figs. 1–3 (“in *Nothofagus cunninghamii* rain-forest, at a tributary of the Dip River, north-western Tasmania, grid reference (G.R) 7915635505” [Australia]).
- Engaeus cucicularius* (Erichson, 1846)
= *Astacus (Engaeus) cucicularius* Erichson, 1846: 102 (“Vandiemensland” [Tasmania, Australia]).
- Engaeus curvisuturus* Horwitz, 1990: 498, fig. 18 (“Yarra R. plains and slightly up the hill-slope, near bridge over Yarra R. at Warburton, GR 8022; 879 210” [Victoria, Australia]).
- Engaeus cymus* (Clark, 1936)
= *Austroastacus cymus* Clark, 1936: 53, fig. 2 (“Victoria: Dondangdale (between Myrtleford and Whitfield)” [Australia]).
= *Engaeus parvulus* Riek, 1951: 386 (“Blundells, Condor Creek, A.C.T.” [Australian Capital Territory, Australia]).
- Engaeus disjuncticus* Horwitz, 1990: 544, fig. 29 (“small tributary of Rubicon R, due E. of Elizabeth Town on Weetah Rd, N. Tas.” [Tasmania, Australia]).
- Engaeus fossor* (Erichson, 1846)
= *Astacus (Engaeus) fossor* Erichson, 1846: 102 (“Tasmania” [Australia]; lectotype designated by Horwitz, 1990: 442).
= *Engaeus ignotus* Clark, 1939: 124; pl. 13, fig. 8–8b (“Smithton” [Tasmania, Australia]).
- Engaeus fultoni* Smith & Schuster, 1913: 126 (“Fern Tree Gully and Cape Otway Forest, Victoria” [Australia]).
- Engaeus granulatus* Horwitz, 1990: 556, fig. 31 (“Browns Ck, upstream from road, at the mouth of creek, E. of Port Sorell, Tas.” [Tasmania, Australia]).
- Engaeus hemircirratulus* Smith & Schuster, 1913: 123, figs. 34, 35, 37, 38 (“Thorpdale; Warragul, Moyarra (near Oultrim); Kongwak (near Jumbanna), Gippsland” [Victoria, Australia]).
= *Engaeus jumbanna* Riek, 1969: 905, fig. 14E (“Kongwak, near Jumbanna, south Gippsland, Vic.” [Victoria, Australia]).
- Engaeus karnanga* Horwitz, 1990: 465, fig. 11 (“swamp at Lilly Pilly Gully, Wilsons Promontory, Vic., GR 8020: 864 347” [Victoria, Australia]; in error, considered to be “Moyarra near Oultrim [= Outtrim]” [Victoria, Australia] by Lew Ton & Poore, 1987).
- Engaeus laevis* (Clark, 1941a)
= *Geocharax laevis* Clark, 1941a: 35; pl. 10, fig. 4 (“Victoria: Bunyip” [Australia]).
- Engaeus langana* Horwitz, 1990: 566, fig. 33 (“seepage with pipe outlet at beach, near campsite/boat launch on E. coast of Rocky Cape, in National Park, GR 8016: 743 750” [Tasmania, Australia]).
- Engaeus leptorhynchus* Clark, 1939: 122; pl. 13, figs. 6–6b (“Pioneer Mine, Derby” [Tasmania, Australia]).
- Engaeus lyelli* (Clark, 1936)

- = *Geocharax lyelli* Clark, 1936: 32, fig. 1 (“Gisborne, Vic.” [Victoria, Australia]; lectotype (as type) designated by Riek, 1969: 880).
- Engaeus mairener* Horwitz, 1990: 550, fig. 30 (“small creek in tea-tree swamp, off Big Hill Rd, 1 km E. of Lefroy, NE. Tas., GR 8215: 985 495” [Tasmania, Australia]).
- Engaeus mallacoota* Horwitz, 1990: 573, fig. 34 (“Double Ck along Nature Trail, in Croajingolong Natl Pk, on Genoa-Mallacoota Rd, E. Vic., GR 8822: 373 426” [Victoria, Australia]).
- Engaeus martigener* Horwitz, 1990: 578, fig. 35 (“upper reaches of Fotheringate Ck, at Strzelecki Peaks, Flinders Is., GR 8517: 913 493” [Tasmania, Australia]).
- Engaeus merosetosus* Horwitz, 1990: 470, fig. 12 (“tributary of Waurn Ponds Ck in cleared paddock below dam, 2 km N. of Mt. Moriac in W. Vic.” [western Victoria, Australia]).
- Engaeus nulloporius* Horwitz, 1990: 561, fig. 32 (“tea-tree swamp, 1.5 km S. of 3-way corner (Frankford, Glengarry, Birralee) of road, N. Tas.” [northern Tasmania, Australia]).
- Engaeus orientalis* Clark, 1941a: 39; pl. 10, fig. 8 (“Victoria: Cann River Valley; Scanlon’s Creek; Orbost” [Australia]).
- Engaeus orramakunna* Horwitz, 1990: 583, fig. 36 (“tributary of Pipers R on Lilydale Rd, about 3 km S. of Lilydale, NE. Tas., GR 8315: 181 307” [north-eastern Tasmania, Australia]).
- Engaeus phyllocercus* Smith & Schuster, 1913: 122, figs. 30, 31, 36 (“Narracan River, Thorpdale, Trafalgar” [Victoria, Australia]).
- Engaeus quadrimanus* Clark, 1936: 41; pl. 8, fig. 32 (“Warragul” [Victoria, Australia]; lectotype designated by Horwitz, 1990: 455).
= *Engaeus marmoratus* Clark, 1941a: 39; pl. 10, fig. 7 (“Victoria: South Buchan” [Australia]).
- Engaeus rostrogaleatus* Horwitz, 1990: 588, fig. 37 (“Ryton Junction on Midland Highway, about 30 km due S. of Morwell, Eastern Strzelecki Ranges, Vic., GR 8120: 453 354” [Victoria, Australia]).
- Engaeus sericatus* Clark, 1936: 40; pl. 8, fig. 34 (“Victoria: Croydon” [Australia]).
- Engaeus spinaudatus* Horwitz, 1990: 594, fig. 38 (“plain at second crossing of Surveyors Ck after Scottsdale on Old Waterhouse Rd, NE. Tas., GR 8415: 504 517” [north-eastern Tasmania, Australia]).
- Engaeus sternalis* (Clark, 1936)
= *Pseudengaeus sternalis* Clark, 1936: 48; pl. 9, fig. 41 (“Warragul, Vic.” [Victoria, Australia]; lectotype (as type) designated by Riek, 1969: 889).
- Engaeus strictifrons* (Clark, 1936)
= *Pseudengaeus strictifrons* Clark, 1936: 47; pl. 9, fig. 40 (“Victoria: Portland” [Australia]).
- Engaeus tayatea* Horwitz, 1990: 599, fig. 39 (“small tributary of Pearly Brook near bridge on Pearly Brook Rd, about 8 km due W. of Mt Horror, NE. Tas., GR 8415: 539 539” [northeastern Tasmania, Australia]).
- Engaeus tuberculatus* Clark, 1936: 43; pl. 9, fig. 39 (“Victoria: Sherbrook Falls; Dandenong; Warburton” [Australia]).
= *Engaeus connectus* Riek, 1969: 906, fig. 14F (“2 miles south of Powelltown, Laver’s Creek, on Noojee Road, Vic.” [Victoria, Australia]).
- Engaeus ustrictus* Riek, 1969: 904, fig. 14C (“Dandenong Creek, at Alpine Road, Vic.” [Victoria, Australia]).
- Engaeus victoriensis* Smith & Schuster, 1913: 121, figs. 27, 28, 29, 32, 33 (“Dandenong Ranges, Vic.” [Victoria, Australia] according to Riek, 1969; lectotype (as type) designated by Riek, 1969: 879; considered lost by Lew Ton & Poore, 1987).
- Engaeus yabbimurna* Horwitz, 1994: 439, fig. 1 (“Burnie Park, from burrow in seepage area in gully of Shorewell Creek below Oldacre Falls (GR 8015 068 551)” [Tasmania, Australia]).
- Engaewa Riek, 1967a**
= *Engaewa* Riek, 1967a: 106 [type species *Engaewa subcoerulea* Riek, 1967a, by original designation; gender feminine].
- Engaewa pseudoreducta* Horwitz & Adams, 2000: 670, figs. 7C, 8B, 9B (“Australia: Western Australia, near Osmington, north-east of Margaret Riv.”).
- Engaewa reducta* Riek, 1967a: 108, fig. 3 (“Block 1041, ½ mile c. north of Quindalup Common, near Dunsborough, W. A.” [Western Australia, Australia]).
- Engaewa similis* Riek, 1967a: 110, fig. 4 (“Augusta, W. A.” [Western Australia, Australia]).
- Engaewa subcoerulea* Riek, 1967a: 107, fig. 2; pl. 1 (“Inlet River, 15 miles north-west of Walpole, W. A.” [Western Australia, Australia]).
- Engaewa walpolea* Horwitz & Adams, 2000: 673, figs. 10A–J (“Australia, Western Australia, The Knoll Scenic Drive, Walpole”).
- Euastacus Clark, 1936**
= *Euastacus* Clark, 1936: 10 [type species *Cancer serratus* Shaw, 1794 (nec Forskål, 1775), by original designation; gender masculine].
= *Euastacoides* Riek, 1956: 4 [type species *Euastacoides setosus* Riek, 1956, by original designation; gender masculine].
- Euastacus angustus* Furse, Dawkins & Coughran, 2013: 107, fig. 3. (“unnamed tributary, Border Ranges National Park, northeastern New South Wales; 28°S 153°E” [Australia]).
- Euastacus armatus* (von Martens, 1866)
= *Astacus armatus* von Martens, 1866: 35 (“Murray River, Australia”).
= *Euastacus elongatus* Clark, 1941b: 12; pl. 1 (“Victoria: Echuca, Murray River” [Australia]).
- Euastacus australasiensis* (H Milne Edwards, 1837 [in H. Milne Edwards, 1834–1840])
= *Astacus australasiensis* H Milne Edwards, 1837 [in H. Milne Edwards, 1834–1840]: 332; pl. 24, figs. 1–5 (“Sydney area, New South Wales” [Australia] according to Morgan, 1997).
= *Astacoides nobilis* Dana, 1852: 526; pl. 33, fig. 3a–b (“New South Wales?” [Australia]).
- Euastacus balanensis* Morgan, 1988: 1, figs. 3, 4 (“Qld, tributary of Davies Ck., Lamb Range, Atherton Tableland, (17°03’S, 145°37’E)” [Queensland, Australia]).
- Euastacus bidawalus* Morgan, 1986: 19, figs. 10, 11 (“Vic., Chandlers Ck., near junction with Cann R., 27 km north of Cann River, (37°20’S, 149°13’E.)” [Victoria, Australia]).
- Euastacus bindal* Morgan, 1989: 555, fig. 2 (“upper North Creek, Mt. Elliot, (19°30’S, 146°58’E), NEQ” [NE Queensland, Australia]).
- Euastacus binzayedii* Furse, Dawkins & Coughran, 2013: 105, fig. 2. (“unnamed tributary/gully in Lamington National Park, southeast Queensland; 28°S 153°E” [Australia]).
- Euastacus bispinosus* Clark, 1941b: 22; pl. 7 (“Victoria: Glenelg” [Australia]; lectotype (as holotype) designated by Morgan, 1986: 24).
- Euastacus brachythorax* Riek, 1969: 912, fig. 16F (“Brown Mt., N.S.W.” [New South Wales, Australia]).
- Euastacus clarkae* Morgan, 1997: 30, figs. 13, 14 (“NSW Tributary of Cockerawombeeba Creek, tributary of Forbes River, north of Birdwood, (31°11’S 152°22’E)” [New South Wales, Australia]).
- Euastacus claytoni* Riek, 1969: 909, fig. 16D (“Maclaughlin R., N.S.W.” [New South Wales, Australia]).
- Euastacus crassus* Riek, 1951
= *Euastacus nobilis crassus* Riek, 1951: 383 (“small stream at Bendora, A.C.T.” [Australian Capital Territory, Australia]).
- Euastacus dalagarbe* Coughran, 2005b: 362, fig. 4 (“minor gully feeding Brindle Creek (rainforest), Border Ranges National Park, northeastern N.S.W.; 28°22.789’S 153°04.334’E” [New South Wales, Australia]).
- Euastacus dangadi* Morgan, 1997: 42, figs. 19, 20 (“NSW Stockyard Creek, downstream of Cedar Park in Ingalba State Forest, north of Kempsey, (30°53’S 152°48’E)” [New South Wales, Australia]).
- Euastacus dharawalus* Morgan, 1997: 46, figs. 21, 22 (“NSW, Fitzroy Falls, stream above Falls” [New South Wales, Australia]).
- Euastacus diversus* Riek, 1969: 908 (“30 miles north of Orbost, Vic” [Victoria, Australia]).
- Euastacus eungella* Morgan, 1988: 8, figs. 5, 6 (“Qld, tributary of Cattle Ck (North Branch), near Mt Dalrymple, Eungella National Park, west of Mackay, (21°02’S 148°37’E)” [Queensland, Australia]).
- Euastacus fleckeri* (Watson, 1935)
= *Astacopsis fleckeri* Watson, 1935: 233; pl. 34 (“Root’s Creek, near Mt. Carbine, in the Mt. Molloy district, about 80 miles west of Cairns” [Queensland, Australia]).
- Euastacus gamilaroi* Morgan, 1997: 50, figs. 23, 24 (“NSW Hanging Rock (near Nundle)” [New South Wales, Australia]).
- Euastacus girumulayn* Coughran, 2005b: 365, fig. 5 (“Tuntable Creek, above falls, Nightcap National Park, northeastern N.S.W.; 28°33.234’S 153°17.785’E” [New South Wales, Australia]).
- Euastacus gumar* Morgan, 1997: 53, figs. 25, 26 (“NSW Gorge Creek, Richmond Range State Forest, on Gorge Creek-Sextonville Road, (28°45’S 152°42’E)” [New South Wales, Australia]).
- Euastacus guruhgi* Coughran, 2005b: 366, fig. 6 (“Korrumbyn Creek, adjacent to visitor carpark (rainforest), Mount Warning National Park, northeastern N.S.W.; 28°23.875’S 153°16.893’E” [New South Wales, Australia]).
- Euastacus guivinus* Morgan, 1997: 57, fig. 27 (“NSW Tianjara Creek above Falls, tributary Shoalhaven River, near Tianjara, (35°07’S 150°20’E)” [New South Wales, Australia]).
- Euastacus hirsutus* (McCulloch, 1917)

- = *Astacopsis serratus* var. *hirsutus* McCulloch, 1917: 238 (“Belmore Falls Creek, which runs into the Kangaroo River, New South Wales” [Australia]).
- = *Euastacus keirensis* Riek, 1969: 910, fig. 16C (“Mt. Keira, south coast of New South Wales” [Australia]).
- Euastacus hystricosus* Riek, 1951: 380 (“Yabba Creek, Yabba, Queensland” [Australia]).
- Euastacus jagabar* Coughran, 2005b: 368, fig. 7 (“tributary to Sheepstation Creek, Border Ranges National Park, northeastern N.S.W.; 28°23.900’S 153°01.500’E” [New South Wales, Australia]).
- Euastacus jagara* Morgan, 1988: 44, figs. 24, 25 (“Qld, Flaggy Ck., 3,000 ft, Mistake Mts. via Laidley” [Queensland, Australia]).
- Euastacus kershawi* (Smith, 1912)
- = *Astacopsis kershawi* Smith, 1912: 160; pls. 19, 20 (“Vic., Moe River, Gippsland” [Victoria, Australia]; lectotype (as holotype) designated by Riek, 1969: 894; lectotype designation by Morgan (1986: 38) invalid, see Lew Ton & Poore, 1987).
- Euastacus maccai* McCormack & Coughran, 2008: 472, figs. 2, 3A (“ephemeral wet area within the drainage of Uriamukka Creek, a tributary of the Nowendoc River, which joins the Manning River, New South Wales” [Australia]).
- Euastacus madae* (Riek, 1956)
- = *Euastacoides madae* Riek, 1956: 5 (“upper reaches of Currumbin Creek, south-east Queensland” [Australia]).
- Euastacus mirangudjin* Coughran, 2002: 26, figs. 2–4 (“Iron Pot Creek, an upper tributary of the Richmond River, approximately 30 km NW of Kyogle (28°28’30”S 152°45’E)” [New South Wales, Australia]).
- Euastacus monteithorum* Morgan, 1989: 558, fig. 3 (“Beauty Spot 98 (Queensland Department of Forestry), headwaters of Kroombit Creek, Kroombit Tops, (24°22’S 151°00’E), central Q.” [Queensland, Australia]).
- Euastacus morgani* Coughran & McCormack, 2011: 18, figs. 1, 2 (“Australia, New South Wales, tributary of Little Nymboida River, upstream of Eastern Dorrigo Way road crossing near Lowanna, on periphery of Bindarri National Park, rainforest, 30.2288°S 152.9203°E”).
- Euastacus neodiversus* Riek, 1969: 908 (“National Park, Wilson’s Promontory, in stream of E. slope of Sealers Cover track” [Victoria, Australia] according to Lew Ton & Poore, 1987).
- Euastacus neohirsutus* Riek, 1956: 3 (“twenty miles west of Dorrigo, N.S.W.” [New South Wales, Australia]).
- = *Euastacus aquilus* Riek, 1969: 911 (“near Point Loukout, New England National Park, N.S.W.” [New South Wales, Australia]).
- Euastacus pilosus* Coughran & Leckie, 2007: 309, figs. 2, 3B, 6 (“lower reaches of Flaggy Creek, a short distance upstream of its junction with the Cataract River, approximately 3 km north of Sandy Hill and the Bruxner Highway, and 13 km west/northwest of Drake” [New South Wales, Australia]).
- Euastacus polysetosus* Riek, 1951: 384 (“Tubrabucca Creek, Hunter River, Barrington Tops, N.S.W.” [New South Wales, Australia]).
- Euastacus reductus* Riek, 1969: 907, fig. 16B (“Upper Allyn R., below the southern end of Barrington Tops, N.S.W.” [New South Wales, Australia]).
- = *Euastacus alienus* Riek, 1969: 907 (“Bulahdelah Mt., near Stroud, N.S.W.” [New South Wales, Australia]).
- Euastacus rieki* Morgan, 1997: 79, figs. 37, 38 (“NSW Snowy River Bridge, Mount Kosciusko” [New South Wales, Australia]).
- Euastacus robertsi* Monroe, 1977: 65; pl. 19 (“Horan’s Creek, Mt. Finnigan National Park, NE.Q.” [Queensland, Australia]).
- Euastacus setosus* (Riek, 1956)
- = *Euastacoides setosus* Riek, 1956: 4 (“Mt. Glorious, Q.” [Queensland, Australia]).
- Euastacus simplex* Riek, 1956: 2 (“fifteen miles N. of Armidale, N.S.W.” [New South Wales, Australia]).
- Euastacus spinichelatus* Morgan, 1997: 87, figs. 41, 42 (“NSW Fenwicks Creek, tributary of Hastings River on Oxley Highway south of Yarrawitch, (31°18’S 151°59’E)” [New South Wales, Australia]).
- Euastacus spinifer* (Heller, 1865)
- = *Cancer serratus* Shaw, 1794 (junior homonym of *Cancer serratus* Forskål, 1775): 21; pl. 8 (“New Holland”; presumed to be Sydney, New South Wales [Australia] by Davie, 2002).
- = *Astacoides spinifer* Heller, 1865: 102; pl. 9 (“Neuholland”, presumed to be Sydney region [Australia] by Ah Yong, 2014).
- = *Astacopsis paramattensis* Spence Bate, 1888: 202; pl. 27, fig. 1 (“Paramatta River, Sydney, Australia”).
- = *Astacopsis sydneyensis* Spence Bate, 1888: 204; pl. 27, fig. 2 (“Sydney, Australia”).
- = *Euastacus spinosus* Riek, 1956: 2; pl. 1 (“upper reaches of Hastings River, N.S.W.” [New South Wales, Australia]).
- = *Euastacus clydensis* Riek, 1969: 911 (“Clyde R., near Brooman” [New South Wales, Australia]).
- Euastacus sulcatus* Riek, 1951: 379 (“Binna Burra, Lamington National Park, Queensland” [Australia]).
- = *Euastacus cunninghami* Riek, 1951: 379 (“western slopes of Cunningham’s Gap, Queensland” [Australia]).
- Euastacus suttoni* Clark, 1941b: 18; pl. 5 (“Queensland: Wyberba” [Australia]).
- Euastacus wrospinosus* (Riek, 1956)
- = *Euastacoides wrospinosus* Riek, 1956: 5 (“Obi Obi Creek, Maleny, Q.” [Queensland, Australia]).
- Euastacus valentulus* Riek, 1951: 380 (“upper reaches of Currumbin Creek” [Queensland, Australia]).
- Euastacus vesper* McCormack & Ah Yong, 2017: 557, figs. 1B–D, 2, 3, 4, 5, 6 (“Cudgong River, Coricudgy Road, New South Wales, 32°52.009’S, 150°18.295’E” [Australia]).
- Euastacus woiwuru* Morgan, 1986: 43, figs. 20, 21 (“Vic., Dobsons Ck. near Alpine Road Crossing, Dandenong Mountains east of Melbourne” [Victoria, Australia]).
- Euastacus yanga* Morgan, 1997: 99, figs. 46–48 (“NSW Double Creek, tributary Boyne Creek near Pigeon Rouse, west of Ulladulla, (35°22’S 150°15’E)” [New South Wales, Australia]).
- Euastacus yarraensis* (McCoy, 1888)
- = *Astacopsis serratus* var. *yarraensis* McCoy, 1888: 225; pl. 160 (“Yarra and its numerous affluents flowing southwards into the sea of the south coast of the colony” [Victoria, Australia]).
- Euastacus yigara* Short & Davie, 1993: 75, figs. 6–8 (“O’Leary Ck., 17°50.7’S, 145°37.7’E” [Queensland, Australia]).
- Geocharax Clark, 1936**
- = *Geocharax* Clark, 1936: 31 [type species *Geocharax gracilis* Clark, 1936, by original designation; gender masculine].
- = *Parastacoides* Clark, 1936: 48 [type species *Astacus tasmanicus* Erichson, 1846, by original designation; gender masculine].
- Geocharax falcata* Clark, 1941a: 36; pl. 10, fig. 5 (“Fyans Creek, south of divide of Grampians” [Victoria, Australia] according to Lew Ton & Poore, 1987; lectotype (as type) designated by Riek, 1969: 891).
- Geocharax tasmanicus* (Erichson, 1846)
- = *Astacus tasmanicus* Erichson, 1846: 94 (“Vandiemensland”; probably far northwest Tasmania [Australia] according to Hansen & Richardson, 2006).
- = *Geocharax gracilis* Clark, 1936: 31; pl. 1, fig. 8; pl. 6, fig. 26 (“Victoria: Gellibrand River, south of Colac” [Australia]).
- Gramastacus Riek, 1972**
- = *Gramastacus* Riek, 1972: 385 [type species *Gramastacus insolitus* Riek, 1972, by original designation; gender masculine].
- Gramastacus insolitus* Riek, 1972: 386, figs. 2, 16, 19, 21, 24 (“8 km SW. of Moyston, western Victoria” [Australia]).
- = *Gramastacus gracilis* Riek, 1972: 386, figs. 17, 20, 22 (“Dwyer’s Creek, Grampians, western Victoria” [Australia]).
- Gramastacus lacus* McCormack, 2014: 56, figs. 1–3 (“Boomeri swamp behind Boomeri camp ground, off Old Gibber Road, Myall Lakes National Park, 32.50910°S 152.32143°E” [New South Wales, Australia]).
- Lammuastacus †† Aguirre-Urreta, 1992**
- = *Lammuastacus* Aguirre-Urreta, 1992: 819 [type species *Lammuastacus longirostris* Aguirre-Urreta, 1992, by original designation; gender masculine].
- Lammuastacus longirostris* †† Aguirre-Urreta, 1992: 819, figs. 4–7 (“headwaters of Arroyo Las Bayas, lower member of the Ñirihuau Formation, Oligocene” [Patagonia, Argentina]).
- Ombrostacoides Hansen & Richardson, 2006**
- = *Ombrostacoides* Hansen & Richardson, 2006: 733 [type species *Parastacoides leptomerus* Riek, 1951, by original designation; gender masculine].
- Ombrostacoides asperrimanus* Hansen & Richardson, 2006: 738, fig. 7 (“Australia: Tasmania: at Birchs Inlet, Landing Creek quarry”).
- Ombrostacoides brevirostris* Hansen & Richardson, 2006: 740, fig. 8 (Australia: Tasmania: at Birches Inlet, Landing Creek quarry”).
- Ombrostacoides decemdentatus* Hansen & Richardson, 2006: 743, fig. 9 (“Australia: Tasmania: roadside seepage at The Needles, Strathgordon Road”).

- Ombrestacoides denisoni* Hansen & Richardson, 2006: 745, fig. 10 (“Australia: Tasmania: McDougalls Road at crossing of Little Denison River”).
- Ombrestacoides dissitus* Hansen & Richardson, 2006: 747, fig. 11 (“Australia: Tasmania: plain east of junction of Leprena track with Catamaran River, Lune River”).
- Ombrestacoides huonensis* Hansen & Richardson, 2006: 749, fig. 12 (“Australia: Tasmania: plain west of Scotts Peak Road near Harlequin Hill”).
- Ombrestacoides ingressus* Hansen & Richardson, 2006: 752, fig. 13 (“Australia: Tasmania: floodplain of small creek at east side of Victoria Pass, Lyell Highway”).
- Ombrestacoides leptomerus* (Riek, 1951)
 = *Parastacoides leptomerus* Riek, 1951: 387 (“Lake Lilla and outlet stream, Cradle Mt., Tasmania”) [Australia].
 = *Parastacoides setosimerus* Riek, 1951: 386 (“Mt. Rufus, Tasmania”) [Australia].
- Ombrestacoides parvicaudatus* Hansen & Richardson, 2006: 754, fig. 14 (“Australia: Tasmania: creek near King River, Lyell Highway”).
- Ombrestacoides professorum* Hansen & Richardson, 2006: 757, fig. 15 (“Australia: Tasmania: Allens Creek, Crotty Road”).
- Ombrestacoides pulcher* (Riek, 1967b)
 = *Parastacoides pulcher* Riek, 1967b: 1006, fig. 6 (“Lake Pedder, south-western Tasmania”) [Australia].
- Palaeoehinastacus** †† Martin, Rich, Poore, Schultz, Austin, Kool & Vickers-Rich, 2008
 = *Palaeoehinastacus* Martin, Rich, Poore, Schultz, Austin, Kool & Vickers-Rich, 2008: 288 [type species *Palaeoehinastacus australianus* Martin, Rich, Poore, Schultz, Austin, Kool & Vickers-Rich, 2008, by monotypy; gender masculine].
- Palaeoehinastacus australianus* †† Martin, Rich, Poore, Schultz, Austin, Kool & Vickers-Rich, 2008: 288, fig. 2A–C (“Otway group (Albian) at Dinosaur Cove, Cape Otway, Victoria, Australia”).
- Paranephrops** † White, 1842
 = *Paranephrops* White, 1842: 79 [type species *Paranephrops planifrons* White, 1842, by monotypy; gender masculine].
- Paranephrops fordycei* †† Feldmann & Pole, 1994: 163, figs. 2–6 (“roadside cutting adjacent to Bannock Burn, some 800 m upstream from its confluence with the Kawarau River (grid ref. NZMS 260, F41/088625, New Zealand Geological Society Fossil Record Number F41/f214”) [New Zealand]).
- Paranephrops planifrons* White, 1842: 79 (“River Thames, New Zealand”).
 = *Paranephrops tenuicornis* Dana, 1852: 527 (“freshwater streams of New Zealand, about the Bay of Islands”).
- Paranephrops zealandicus* (White, 1847)
 = *Astacus zealandicus* White, 1847: 123 (“New Zealand”).
 = *Astacoides tridentatus* Wood-Mason, 1876: 4 (“New Zealand”).
 = *Paranephrops horridus* Miers, 1876: 73 [nomen nudum].
 = *Paranephrops setosus* Hutton, 1873: 402 (“stream near Invercargill, Province of Otago; and the river Avon, near Christchurch, Canterbury”) [New Zealand].
 = *Paranephrops neo-zealanicus* Chilton, 1889: 249; pl. 10 [partim] (“South Island generally, excepting north-western portion; Stewart Island”) [New Zealand].
- Parastacus Huxley, 1879**
 = *Parastacus* Huxley, 1879: 771 [type species *Astacus pilimanus* von Martens, 1869, by subsequent designation in Faxon (1898); gender masculine].
- Parastacus brasiliensis brasiliensis* (von Martens, 1869)
 = *Astacus Brasiliensis* von Martens, 1869: 16; pl. 2, fig. 2 (“Sowohl bei Porto Alegre selbst, in einem Bache an dem Berge hinter der Stadt, als weiter im Binnenlande in der Region des Urwaldes bei Rödgersberg” [= near Porto Alegre and the rainforest region near São Leopoldo, Rio Grande do Sul, Brazil]).
- Parastacus brasiliensis pomatensis* Fontoura & Conter, 2008: 29, fig. 1. (“Brazil, Rio Grande do Sul, São Francisco de Paula, Pró Mata, Garapiá stream (29°29.371’S; 50°13.800’W”).
- Parastacus caeruleodactylus* Ribeiro, Buckup, Gomes & Araujo, 2016: 311, figs. 6, 7, 8d, 9 (“Brazil, Rio Grande do Sul, Morrinhos do Sul (29°17’13.7’’S; 49°54’53.42’’W”).
- Parastacus defossus* Faxon, 1898: 686; pl. 67, figs. 3, 4 (“Montevideo, Uruguay”).
- Parastacus fluviatilis* Ribeiro, Buckup, Gomes & Araujo, 2016: 305, figs. 3, 4, 5e, f (“Brazil, Rio Grande do Sul, São José dos Ausentes, Apuaê-Inhandava Basin, Silveira River (28°35’54.45’’S; 49°59’1.36’’W”).
- Parastacus laevigatus* Buckup & Rossi, 1980: 677, figs. 18–20 (“Joinville (Estrada da Cidra, Chácara dos Ipês), Santa Catarina, Brasil”).
- Parastacus nicoleti* (Philippi, 1882)
 = *Astacus Nicoleti* Philippi, 1882: 624 (“Chile; Valdivia”).
- Parastacus pilimanus* (von Martens, 1869)
 = *Astacus pilimanus* von Martens, 1869: 15; pl. 2, fig. 1 (“Porto Alegre; Sta Cruzim obern Flussgebiet des Rio Pardo, eines Zuflusses des Jacuhy” [= Brazil, Rio Grande do Sul, Porto Alegre and Santa Cruz do Sul, in the upper basin of the Rio Pardo, a tributary of the Rio Jacu]).
- Parastacus pugnax* (Poeppig, 1835)
 = *Astacus pugnax* Poeppig, 1835: 314 (“Talcahuano, Chile”; neotype designated by Hobbs, 1989: 80).
 = *Astacus chilensis* H. Milne Edwards, 1837 [in H. Milne Edwards, 1834–1840]: 333 (“les côtes de Chili” [= Chilean coast]).
 = *Parastacus hassleri* Faxon, 1898: 687; pl. 70, figs. 1–3 (“Talcahuano, Chile”).
- Parastacus saffordi* Faxon, 1898: 683; pl. 68 (“Montevideo, Uruguay”).
- Parastacus tuerkayi* Ribeiro, Huber, Schubart & Araujo, 2017: 3, figs. 1, 2, 3, 4E–G (“Brazil, Santa Catarina, Penha, Beto Carreiro World (26°48’10’’S 48°37’02’’W”).
- Parastacus varicosus* Faxon, 1898: 685; pl. 69 (“Colima, Mexico”; considered to be in error by Riek, 1971).
- Samastacus Riek, 1971**
 = *Samastacus* Riek, 1971: 134 (type species *Astacus spinifrons* Philippi, 1882, by original designation; gender masculine).
- Samastacus spinifrons* (Philippi, 1882)
 = *Astacus spinifrons* Philippi, 1882: 627. (“Llico i de Valdivia” [= Llico and Valdivia, Chile]).
 = *Astacus bimaculatus* Philippi, 1894: 378 [no type locality indicated].
 = *Parastacus agassizii* Faxon, 1898: 690; pl. 70, figs. 4, 5 (“Talcahuano, Chile”).
- Spinastacoides Hansen & Richardson, 2006**
 = *Spinastacoides* Hansen & Richardson, 2006: 758 [type species *Parastacoides insignis* Clark, 1939, by original designation; gender masculine].
- Spinastacoides catinipalmus* Hansen & Richardson, 2006: 764, fig. 18 (“Australia: Tasmania: Indiana Creek, 500 m up road from Warners Landing, Lower Gordon River”).
- Spinastacoides inermis* (Clark, 1939)
 = *Parastacoides inermis* Clark, 1939: 126; pl. 13, fig. 10–10b (“Adamson’s Peak” [Tasmania, Australia]).
 = *Parastacoides sternalis* Riek, 1967b: 1002, fig. 4 (“North-east of Mt. Bowes, south-western Tasmania”) [Australia].
- Spinastacoides insignis* (Clark, 1939)
 = *Parastacoides insignis* Clark, 1939: 126; pl. 13, fig. 11–11b (“Melaleuca Creek, southwestern Tasmania”) [Australia].
- Tenuibranchiurus Riek, 1951**
 = *Tenuibranchiurus* Riek, 1951: 381 [type species *Tenuibranchiurus glypticus* Riek, 1951, by original designation; gender masculine].
- Tenuibranchiurus glypticus* Riek, 1951: 382, fig. 13 (“Caloundra, Queensland”) [Australia].
- Virilastacus Hobbs, 1991a**
 = *Virilastacus* Hobbs, 1991a: 802 (type species *Parastacus araucanus* Faxon, 1914, by original designation; gender masculine).
- Virilastacus araucanus* (Faxon, 1914)
 = *Parastacus araucanus* Faxon, 1914: 353; pl. 4 (“Corral, Chile”).
- Virilastacus jarai* Rudolph & Crandall, 2012: 262, figs. 2–5 (“homestead in the “Quinta El Porvenir” sector (37°26’39.84’’S, 72°18’37.12’’W), 1.5 km northeast of the town of Los Ángeles, in southern Chile, Biobío región”).
- Virilastacus retamali* Rudolph & Crandall, 2007: 503, figs. 2–5 (“geogenous peatland in the “Los Kakaknes” homestead of Rucapihue in the Coastal Cordillera, province of Osorno, southern Chile”).
- Virilastacus rucapihueleusis* Rudolph & Crandall, 2005: 767, figs. 2–5 (“Rucapihue, province of Osorno, Chile”).
- Nomina dubia**
Astacus (*Cambarus*) *Wiegmanni* Erichson, 1846: 99 (“Mexiko” [= Mexico]).
- Nomina nuda**
Austropotamobius italicus meridionalis Fratini, Zaccara, Barbaresi, Grandjean, Souty-Grosset, Crosa & Gherardii, 2005: 115.
Austropotamobius pallipes rhodanicus Starobogatov, 1996: 12 [stated to be a replacement name for *Austropotamobius pallipes pallipes* var. *rhodanicus* Laurent & Suscillon 1962; an original name combination which does exist according to Manganeli *et al.*, 2006].
- Cambarus* (*Cambarus*) *lobdelli* Lyle, 1938: 76.
Cambarus (*Faxonius*) *creaseri* Lyle, 1938: 76.

Cambarus (Girardiella) hagenianus carri Lyle, 1938: 76.
Cambarus (Girardiella) hagenianus evansi Lyle, 1938: 76.
Cambarus (Girardiella) hagenianus forestae Lyle, 1938: 76.
Cambarus (Ortmannicus) cookae Lyle, 1938: 76.
Cambarus (Ortmannicus) evictus Lyle, 1938: 76.
Cambarus schmitti Penn, 1941: 8.

Incertae sedis

Enoplochytia porteri Miller & Ash, 1988: 275, figs. 2, 3 (“Late Carnian (Upper Triassic), Petrified Forest National Park, Arizona” [USA]).

Unavailable names

Procambarus fallax forma *virginialis* Martin, Dorn, Kawai, van der Heiden & Scholtz, 2010: 114.

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