SUBSTITUTIONAL NAMES AND NEW COMBINATIONS FOR TAXA OF OSTRACODA (ARTHROPODA: CRUSTACEA)

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ABSTRACT: For junior primary homonyms of ostracod genera the following substitutional names are proposed: *Uralinova* nom. nov. for *Uralina* Rozhdestvenskaya, 1962; *Vanalabia* nom. nov. for *Vania* Kruta & Siveter, 1998; *Kunluniacypris* nom. nov. for *Kunlunia* Jiang & Lin, 1995. For junior primary homonyms of ostracod species the following substitutional names are proposed: *Cypris methueni* nom. nov. for *Cypris tuberculata* Methuen, 1910; *Procytherura erichbrandi* nom. nov. for *Procytherura reticulata* Brand, 1990; *Paradoxostoma mostafawii* nom. nov. for *Paradoxostoma ensiformis* (recte: *ensiforme*) Mostafawi, Nabavi & Moghaddasi, 2010; *Paradoxostoma lucasae* nom. nov. for *Paradoxostoma cuneata* (recte: *cuneatum*) Lucas, 1931; *Trachyleberis abkhaziana* nom. nov. for *Trachyleberis quadrata* Imnadze, 1975; *Agrenocythere ciampoi* nom. nov. for *Agrenocythere bensoni* Ciampo, 1981. In addition, 77 new combinations for ostracod species are proposed.

KEY WORDS: Ostracoda, nomenclatural changes, junior homonyms, replacement names, new combinations.

Class Ostracoda Latreille, 1802
Order Kloedenellocopida Scott, 1961
Suborder Kloedenellocopina Scott, 1961
Superfamily Kloedenelloidea Ulrich & Bassler, 1908
Family Gotlandellidae Sarv, 1978

Genus *Uralinova* nom. nov.

Uralina Rozhdestvenskaya, 1962. Srednedevonskie ostrakody zapadnogo sklona yuzhnogo Urala ...: 208. (Crustacea: Ostracoda). Preoccupied by *Uralina* Schuchert & LeVene, 1929. American Journal of Science, series 5, 17 (98): 122. (Brachiopoda).

Remarks on nomenclatural change: The genus name *Uralina* was coined by Schuchert & LeVene (1929) as a nomen novum for *Uralia* Licharew, 1925 (Brachiopoda), an invalid junior homonym of *Uralia* Mulsant & Verreaux, 1866. Subsequently, the genus *Uralina* was erected by Rozhdestvenskaya (1962) for a fossil ostracod.

Thus the genus name *Uralina* Rozhdestvenskaya, 1962 is a primary junior homonym of the valid genus name *Uralina* Schuchert & LeVene, 1929. Herewith I propose to replace *Uralina* Rozhdestvenskaya, 1962 with the new substitutional name *Uralinova*.

Actually known species (according to Kempf 1986, 1995, 2008, and in preparation a)**:**

Type species: *Uralinova uralica* (Rozhdestvenskaya, 1960) **comb. nov.**
Original binomen: *Endolophia ? uralica* Rozhdestvenskaya, 1960
Additional species:
Uralinova grandis (Rozhdestvenskaya, 1959) **comb. nov.**
Original binomen: *Endolophia grandis* Rozhdestvenskaya, 1959
Uralinova scrobiculata (Polenova, 1952) **comb. nov.**
Original binomen: *Evlanella scrobiculata* Polenova, 1952

Etymology: To remain similar in meaning, the original name *Uralina* is changed to *Uralinova*. Gender feminine.

Family ? Kloedenellitinidae Abushik, 1990

Genus *Vanalabia* nom. nov.

Vania Kruta & Siveter, 1998. Stereo-Atlas of Ostracod Shells, 25 (11): 53-56 (Crustacea: Ostracoda). Preoccupied by *Vania* Sirel & Gündüz, 1985. Bulletin of the Mineral Research and Exploration Institute of Turkey, 101-102 (1983-1984): 20–24 (Foraminiferida).

Already in 1911 (page 756) a name *Vania* was introduced by Clark for a group of species within the typical subgenus *Comanthus* of the genus *Comanthus* (Echinodermata: Crinoidea). That name seems to be treated as a synonym of *Comanthus* at present.

Remarks on nomenclatural change: In 1985 the name *Vania* was introduced by Sirel & Gündüz for a genus of larger Foraminifera from the early Tertiary of eastern Turkey. Subsequently, the name *Vania* was validated by Kruta & Siveter (1998) for a genus of fossil Ostracoda from the Upper Silurian of Bohemia, a name that had already been used as a nomen nudum since 1988.

As a consequence, the genus name *Vania* Kruta & Siveter, 1998 is a primary junior homonym of *Vania* Sirel & Gündüz, 1985. Herewith I propose to replace *Vania* Kruta & Siveter, 1998 with the new substitutional name *Vanalabia*.

Actually known species (according to Kempf 1986, 1995, 2008, and in preparation a)**:**
Type species: *Vanalabia perdita* (Kruta & Siveter, 1998) **comb. nov.**
Original binomen: *Vania perdita* Kruta & Siveter, 1998
Additional species:
Vanalabia vera (Schallreuter, 2001) **comb. nov.**
Original binomen: *Vania vera* Schallreuter, 2001

Etymology: The name *Vania* of Kruta & Siveter, as now also *Vanalabia*, was coined in honour of M. Vana, Laboratory of the Institute of Geology, Academy of Sciences, Czech Republic, Prague. Gender feminine.

Family ? Barychilinidae Ulrich, 1894

Genus *Keslingolophia* Özdikmen, 2009

2009 *Keslingolophia* Özdikmen, Munis Entomology & Zoology, 4 (2): 614.

Remarks on nomenclatural change: This new substitutional genus name was published for the primary junior homonym *Endolophia* Kesling, 1954 (preoccupied by *Endolophia* Hampson, 1899), but without citing any names of species.

Actually known species (according to Kempf 1986, 1995, 2008, and in preparation a)**:**
Type species: *Keslingolophia chariessa* (Kesling, 1954) **comb. nov.**
Original binomen: *Endolophia chariessa* Kesling, 1954
Additional species:
Keslingolophia secunda (Lethiers, 1981) **comb. nov.**
Original binomen: *Endolophia secunda* Lethiers, 1981

Remarks: The species *Endolophia uralica* Rozhdestvenskaya, 1960 and *Endolophia grandis* Rozhdestvenskaya, 1959 had been transfered to the new genus *Uralina* Rozhdestvenskaya, 1962 which turned out to represent a primary junior homonym which above is substituted by the new name *Uralinova*.

Order Platycopida Sars, 1866
Family Cavellinidae Egorov, 1950

Genus *Bektasia* Özdikmen, 2010

2010 *Bektasia* Özdikmen, Munis Entomology & Zoology, 5 (1): 316.

Remarks on nomenclatural change: This new substitutional genus name was published for the primary junior homonym *Reubenella* Sohn, 1968 (preoccupied by *Reubenella* Lochman, 1966), but without citing any names of species.

Actually known species (according to Kempf 1986, 1995, 2008, and in preparation a)**:**
Type species: *Bektasia avnimelechi* (Sohn, 1968) **comb. nov.**
Original binomen: *Reubenella avnimelechi* Sohn, 1968
Additional species:
Bektasia amnekhoroshevi (Gramm, 1970) **comb. nov.**
Original binomen: *Recytella amnekhoroshevi* Gramm, 1970
Bektasia angulata (Monostori, 1995) **comb. nov.**
Original binomen: *Reubenella angulata* Monostori, 1995
Bektasia gibbera (Kristan-Tollmann, 1973) **comb. nov.**
Original binomen: *Reubenella gibbera* Kristan-Tollmann, 1973
Bektasia gracilisculpta (Kristan-Tollmann, 1991) **comb. nov.**
Original binomen: *Reubenella gracilisculpta* Kristan-Tollmann, 1991
Bektasia ivisensis (Kristan-Tollmann, 1973) **comb. nov.**
Original binomen: *Reubenella ivisensis* Kristan-Tollmann, 1973
Bektasia khanehkatensis (Crasquin-Soleau & Teherani, 1995) **comb. nov.**
Original binomen: *Reubenella khanehkatensis* Crasquin-Soleau & Teherani, 1995
Bektasia kramtchanini (Gramm, 1969) **comb. nov.**
Original binomen: *Cavussurella kramtchanini* Gramm, 1969
Bektasia ovata (Hou & Gou, 1977) **comb. nov.**
Original binomen: *Reubenella ovata* Hou & Gou, 1977

Bektasia picardi (Sohn, 1968) **comb. nov.**
Original binomen: *Reubenella picardi* Sohn, 1968
Bektasia sandbergeri (Coryell, 1963) **comb. nov.**
Original binomen: *Cytherella sandbergeri* Coryell, 1963

Order Podocopida G.O.Sars, 1866
Superfamily Cypridoidea Baird, 1845
Family Cyprididae Baird, 1845
Genus *Cypris* O.F.Müller, 1776

***Cypris methueni* nom. nov.**

Cypris tuberculata Methuen, 1910. Proceedings of the Zoological Society of London, 1910 (1): 156. Preoccupied by *Cypris tuberculata* Sowerby, 1836. Transactions of the Geological Society of London, series 2, 4 (2): 345, plate XXI: figs. 2b and 2c.

Remarks on nomenclatural change: At least since the publication of the first volume of "Index and bibliography of nonmarine Ostracoda" (Kempf, 1980) that old case of homonymy is known, but until now there is not registered an appropriate replacement name in the Kempf Database Ostracoda.

Comparison of the published descriptions and figures of Cypris *tuberculata* Sowerby, 1836, discovered in Wealden sediments from Seabrook near Hythe in England, with the modern *Cypris tuberculata* Methuen, 1910 from the shallow littoral water of Lake Chrissie in South Africa reveals that in addition to the great contrariety in age and space also their shells look quite different.

Consequently, according to the International Code of Zoological Nomenclature (1999) *Cypris tuberculata* Methuen, 1910 represents a junior primary homonym, for which *Cypris methueni* nom. nov. is herewith introduced as a substitutional new name.

In the course of time *Cypris tuberculata* Sowerby, 1836 has been transferred to another genus and was combined as *Cypridea tuberculata* (Sowerby, 1836) Jones, 1878. Similarly *Cypris tuberculata* Methuen, 1910 was informally combined as *Sclerocypris tuberculata* (Methuen, 1910) by Klie (1939). Under that name the species has been reported upon several times and furthermore has experienced an additional extended description (Martens, 1991). Now its name has to be changed to *Sclerocypris methueni* (Kempf, 2015) **comb. nov.**

In 1971 *Megalocypris tuberculata* Sars, 1924 was combined as *Sclerocypris tuberculata* (Sars, 1924) by McKenzie. As it was regarded to be a junior subjective homonym of *Sclerocypris tuberculata* (Methuen, 1910), *Sclerocypris sarsi* Martens, 1986 was later published as a substitutional name. This name is no longer needed, as *Sclerocypris tuberculata* (Sars, 1924) McKenzie, 1971 can be used again, because this name is no homonym of *Sclerocypris methueni* (Kempf, 2015).

Etymology: The new name is honouring Paul Ayshford Methuen in recognition of his valuable contributions to zoology.

Genus *Kunluniacypris* nom. nov.

Kunlunia Jiang & Lin, 1995 in Jiang, Zhou, Lin et al. 1995. Stratigraphy and ostracods of Xinjiang in China: 203, 489, plate 62: 17a-b, 18a-b (Crustacea:

Ostracoda). Preoccupied by *Kunlunia* Wang, 1983 in Zhang et al. 1983. Palaeontological Atlas of northwestern China: 308 (Brachiopoda: Productida).

Remarks on nomenclatural change: In 1983 the genus name *Kunlunia* was introduced by Wang in Zhang et al. for a brachiopod from the Permian of China. Subsequently, the name *Kunlunia* was coined by Jiang & Lin (1995) for a genus of fossil Ostracoda from the non-marine Upper Permian of the Tarim Basin, China.

Thus, the genus name *Kunlunia* Jiang & Lin, 1995 is a primary junior homonym of *Kunlunia* Wang, 1983. Herewith I propose to replace *Kunlunia* Jiang & Lin, 1995 with the new substitutional name *Kunluniacypris*.

Actually known species (according to Kempf 1986, 1995, 2008, and in preparation a)**:**
Type species: *Kunluniacypris haoae* (Jiang & Lin, 1995) **comb. nov.**
Original binomen: *Kunlunia haoae* Jiang & Lin, 1995

Etymology: The new name is composed of *Kunlunia* and the suffix "cypris" in order to maintain a similarity to the original name. Gender feminine.

Superfamily Cytheroidea Baird, 1850
Family Cytheruridae G. W. Müller, 1894
Genus *Procytherura* Whatley, 1970

***Procytherura erichbrandi* nom. nov.**

Procytherura reticulata Brand, 1990. Geologisches Jahrbuch, Reihe A, 121: 166. Preoccupied by *Procytherura reticulata* Ainsworth, 1986. Geological Survey of Ireland Bulletin, 3: 305.

Remarks on nomenclatural change: In July 1993 I informed Dr. Erich Brand of that case of homonymy. He expressed his intention to publish a replacement name, but until now such a substitutional name could not be registered for the Kempf Database Ostracoda.

Comparison of the published descriptions and figures of *Procytherura reticulata* Ainsworth, 1986 from Late Toarcian to Aalenian sediments of the Fastnet Basin with those of *Procytherura reticulata* Brand, 1990 from Upper Bathonian sediments of Northwest Germany reveals that both with a length of about 0.3 mm are very small ostracods of nearly equal size. However, with the triangular outline and the flattened anterior and posterior ends of the shell *Procytherura reticulata* Brand, 1990 shows significant differences.

Consequently, according to the International Code of Zoological Nomenclature (1999) *Procytherura reticulata* Brand, 1990 represents a junior primary homonym, for which *Procytherura erichbrandi* nom. nov. is herewith introduced as a necessary new name.

Etymology: The new name is honouring Dr. Erich Brand (1914–2011) in recognition of his valuable contributions to micropalaeontology, especially ostracodology, but also in remembrance of his biostratigraphical work for the benefit of the oil industry.

Family Paradoxostomatidae Brady & Norman, 1889
Genus *Paradoxostoma* Fischer, 1855

***Paradoxostoma mostafawii* nom. nov.**

Paradoxostoma ensiformis (recte: *ensiforme*) Mostafawi, Nabavi & Moghaddasi, 2010. Revista Española de Micropaleontología, 42 (2): 260, plate 3, figs. 19-20. Preoccupied by *Paradoxostoma ensiforme* Brady, 1868. Transactions of the Linnean Society London, 26 (2): 460, plate 35, figs. 8-11.

Remarks on nomenclatural change: In January 2011 I informed Dr. Mostafawi of that case of homonymy, but until now there could not be registered a replacement name in the Kempf Database Ostracoda.

Comparison of the published descriptions and figures of the two species reveals that they are not synonymous. The valves of *Paradoxostoma ensiforme* Brady, 1868 from the North Atlantic are about 15% longer and differ considerably in outline, especially in the posterior part.

Consequently, according to the International Code of Zoological Nomenclature (1999) *Paradoxostoma ensiforme* Mostafawi, Nabavi & Moghaddasi, 2010 from the Strait of Hormuz represents a junior primary homonym, for which *Paradoxostoma mostafawii* nom. nov. is herewith introduced as a necessary new name.

Etymology: The new name is honouring Dr. Nasser Mostafawi in recognition of his valuable contributions to ostracodology.

***Paradoxostoma lucasae* nom. nov.**

Paradoxostoma cuneata (recte: *cuneatum*) Lucas, 1931. Contributions to Canadian Biology and Fisheries, 6 (1): 409, fig. 6. Preoccupied by *Paradoxostoma cuneatum* Brady & Robertson, 1874. Annals and Magazine of Natural History, series 4, 13 (74): 117, plate 5, figs. 6, 7.

Remarks on nomenclatural change: At least since the publication of the first volume of "Index and bibliography of marine Ostracoda" (Kempf, 1986) that old case of homonymy is known, but until now a replacement name is not yet registered in the Kempf Database Ostracoda.

Comparison of the published descriptions and figures of the two species reveals that they are not synonymous. The valves of *Paradoxostoma cuneatum* Lucas, 1931 are larger and in side view they differ considerably in outline, as anterior and posterior margins are more narrowly rounded.

Consequently, according to the International Code of Zoological Nomenclature (1999) *Paradoxostoma cuneatum* Lucas, 1931 represents a junior primary homonym of *Paradoxostoma cuneatum* Brady & Robertson, 1874 for which *Paradoxostoma lucasae* nom. nov. is herewith introduced as a necessary new name.

Etymology: The new name is honouring Verna Z. Lucas, in later years Verna Z. Smith, for her contributions to ostracodology.

Family Trachyleberididae Sylvester-Bradley, 1948
Genus *Trachyleberis* Brady, 1898

***Trachyleberis abkhaziana* nom. nov.**

Trachyleberis quadrata Imnadze, 1975 in Vekua, 1975: Ostrakody Kimmeriyskikh i Kuyalnitskikh otlozheniy Abkhazii..: 97, plate 15: 6. Preoccupied by *Trachyleberis quadrata* Howe & Howe, 1973. Journal of Paleontology, 47 (4): 645, plate 4: 14-15.

Remarks on nomenclatural change: Since the publication of the first volume of "Index and bibliography of marine Ostracoda" (Kempf, 1986) that case of homonymy is known, but until now there is not registered a replacement name in the Kempf Database Ostracoda.

Comparison of the published descriptions and figures of those two species reveals that they cannot be synonymous, as there are distinct differences of their shells in size, outline, and surface sculpturing.

Consequently, according to the International Code of Zoological Nomenclature (1999) *Trachyleberis quadrata* Imnadze, 1975 from Kuyalnikian (Upper Pliocene) deposits represents a junior primary homonym of *Trachyleberis quadrata* Howe & Howe, 1973 from Upper Eocene deposits, for which *Trachyleberis abkhaziana* nom. nov. is herewith introduced as a substitutional new name.

Etymology: The new name refers to Abkhazia, the geographical region where this species was detected near the village Pokveshi for the first time.

Genus *Agrenocythere* Benson, 1972

***Agrenocythere ciampoi* nom. nov.**

Agrenocythere bensoni Ciampo, 1981. Bollettino della Societa Paleontologica Italiana, 20 (1): 64. Preoccupied by *Agrenocythere bensoni* Pokorny, 1977. Casopis pro mineralogii a geologii, 22 (4): 384.

Remarks on nomenclatural change: Since the publication of the first volume of "Index and bibliography of marine Ostracoda" (Kempf, 1986) that case of homonymy is made known, but until now there is not registered a replacement name in the Kempf Database Ostracoda.

Comparison of the published descriptions and figures reveals that the Upper Oligocene species *Agrenocythere bensoni* Ciampo, 1981 from Sicily and the Eocene species *Agrenocythere bensoni* Pokorny, 1977 from Moravia are not conspecific. There are differences in outline and sculpturing. Moreover, in length and height the Upper Oligocene species is about one third larger.

Consequently, according to the International Code of Zoological Nomenclature (1999) *Agrenocythere bensoni* Ciampo, 1981 represents a junior primary homonym, for which *Agrenocythere ciampoi* nom. nov. is herewith introduced as a substitutional new name.

Etymology: The new name is honouring Dr. Giuliano Ciampo in recognition of his many valuable contributions to ostracodology.

Family Hemicytheridae Puri, 1953

Genus *Aysegulina* Özdikmen, 2010

2010 *Aysegulina* Özdikmen, Munis Entomology & Zoology, 5 (1): 315.

Remarks on nomenclatural change: This new substitutional genus name was published for the primary junior homonym *Limburgina* Deroo, 1966 (preoccupied by *Limburgina* Laurentiaux, 1950), but without citing any names of species.

Actually known species (according to Kempf 1986, 1995, 2008, and in preparation a)**:**
Type species: *Aysegulina ornata* (Bosquet, 1847) **comb. nov.**
Original binomen: *Cypridina ornata* Bosquet, 1847
Additional species:
Aysegulina alveoloalata (Sharapova, 1937) **comb. nov.**
Original binomen: *Cythereis alveoloalata* Sharapova, 1937
Aysegulina arabica (Al-Furaih, 1983) **comb. nov.**
Original binomen: *Limburgina arabica* Al-Furaih, 1983
Aysegulina ariyalurensis (Jain, 1977) **comb. nov.**
Original binomen: *Limburgina ariyalurensis* Jain, 1977
Aysegulina astrei (Blanc & Colin, 1975) **comb. nov.**
Original binomen: *Limburgina astrei* Blanc & Colin, 1975
Aysegulina aurora (Neale, 1975) **comb. nov.**
Original binomen: *Limburgina aurora* Neale, 1975
Aysegulina bhatiai (Jain, 1977) **comb. nov.**
Original binomen: *Limburgina bhatiai* Jain, 1977
Aysegulina binkhorsti (Veen, 1936) **comb. nov.**
Original binomen: *Cythereis binkhorsti* Veen, 1936
Aysegulina briarti (Marliere, 1958) **comb. nov.**
Original binomen: *Bradleya ? briarti* Marliere, 1958
Aysegulina calciporacea (Deroo, 1966) **comb. nov.**
Original binomen: *Limburgina calciporacea* Deroo, 1966
Aysegulina castanea (Deroo, 1966) **comb. nov.**
Original binomen: *Limburgina castanea* Deroo, 1966
Aysegulina cauditeiformis (Margerie, 1968) **comb. nov.**
Original binomen: *Limburgina cauditeiformis* Margerie, 1968
Aysegulina chapeltonensis Puckett & Colin, 2012 in Puckett, Colin & Mitchell
Aysegulina damottae (Babinot, 1980) **comb. nov.**
Original binomen: *Limburgina damottae* Babinot, 1980
Aysegulina eopacifica (Malz, 1981) **comb. nov.**
Original binomen: *Limburgina eopacifica* Malz, 1981
Aysegulina foncirquensis (Tambareau, 1972) **comb. nov.**
Original binomen: *Limburgina foncirquensis* Tambareau, 1972
Aysegulina foresterae (J.K.Smith, 1978) **comb. nov.**
Original binomen: *Limburgina ? foresterae* J.K.Smith, 1978
Aysegulina formosa (Bate, 1972) **comb. nov.**
Original binomen: *Limburgina formosa* Bate, 1972
Aysegulina frescoensis (Apostolescu, 1961) **comb. nov.**
Original binomen: *Bradleya frescoensis* Apostolescu, 1961

Aysegulina furoni (Colin & Lauverjat, 1974) **comb. nov.**
Original binomen: *Limburgina ? furoni* Colin & Lauverjat, 1974
Aysegulina galvensis (Breman, 1976) **comb. nov.**
Original binomen: *Rehacythereis galvensis* Breman, 1976
Aysegulina gerryi (Rosenfeld, 1974) **comb. nov.**
Original binomen: *Limburgina ? gerryi* Rosenfeld, 1974
Aysegulina gowdai (Mallikarjuna & Nagaraja, 1996) **comb. nov.**
Original binomen: *Limburgina gowdai* Mallikarjuna & Nagaraja, 1996
Aysegulina grekovi (Damotte, 1962) **comb. nov.**
Original binomen: *Cythereis grekovi* Damotte, 1962
Aysegulina guhai (Mallikarjuna & Nagaraja, 1996) **comb. nov.**
Original binomen: *Limburgina guhai* Mallikarjuna & Nagaraja, 1996
Aysegulina hellenica (Babinot, 1988) **comb. nov.**
Original binomen: *Limburgina hellenica* Babinot, 1988
Aysegulina indica (Sastry & Mamgain, 1972) **comb. nov.**
Original combination: *Cythereis binkhorsti indica* Sastry & Mamgain, 1972
Aysegulina karcevae (Lev, 1983) **comb. nov.**
Original binomen: *Cythereis karcevae* Lev, 1983
Aysegulina khoslai (Mallikarjuna & Nagaraja, 1996) **comb. nov.**
Original binomen: *Limburgina khoslai* Mallikarjuna & Nagaraja, 1996
Aysegulina longiporacea (Deroo, 1966) **comb. nov.**
Original binomen: *Limburgina longiporacea* Deroo, 1966
Aysegulina mannikerii (Mallikarjuna & Nagaraja, 1996) **comb. nov.**
Original binomen: *Limburgina mannikerii* Mallikarjuna & Nagaraja, 1996
Aysegulina mauritsi (Marliere, 1958) **comb. nov.**
Original binomen: *Bradleya ? mauritsi* Marliere, 1958
Aysegulina mbassisensis Sarr, 2014
Aysegulina miarensis (Honigstein, 1984) **comb. nov.**
Original binomen: *Limburgina miarensis* Honigstein, 1984
Aysegulina octofera (Veen, 1936) **comb. nov.**
Original binomen: *Cythereis octofera* Veen, 1936
Aysegulina oertlii Sauvagnat & Colin, 2014
Aysegulina ornatella (Deroo, 1966) **comb. nov.**
Original binomen: *Limburgina ornatella* Deroo, 1966
Aysegulina ornatoidea (Deroo, 1966) **comb. nov.**
Original binomen: *Limburgina ornatoidea* Deroo, 1966
Aysegulina ornatoidella (Deroo, 1966) **comb. nov.**
Original binomen: *Limburgina ornatoidella* Deroo, 1966
Aysegulina papillata Sarr, 2014
Aysegulina pectinata (Babinot, 1980) **comb. nov.**
Original binomen: *Limburgina pectinata* Babinot, 1980
Aysegulina pegnolaensis (Rodriguez-Lazaro, 1988) **comb. nov.**
Original binomen: *Limburgina pegnolaensis* Rodriguez-Lazaro, 1988
Aysegulina pokornyi (Jain, 1977) **comb. nov.**
Original binomen: *Limburgina pokornyi* Jain, 1977
Aysegulina postaurora (Dingle, 2009) **comb. nov.**
Original binomen: *Limburgina postaurora* Dingle, 2009
Aysegulina pseudosemicancellata (Veen, 1936) **comb. nov.**
Original binomen: *Cythereis pseudosemicancellata* Veen, 1936
Aysegulina quadrazea (Hornibrook, 1952) **comb. nov.**
Original binomen: *Quadracythere quadrazea* Hornibrook, 1952
Aysegulina riominhoensis Puckett & Colin, 2012 in Puckett, Colin & Mitchell

Aysegulina sagitta Puckett & Colin, 2012 in Puckett, Colin & Mitchell
Aysegulina santamariae (Andreu, 1983) **comb. nov.**
Original binomen: *Limburgina ? santamariae* Andreu, 1983
Aysegulina santonia (Honigstein, 1984) **comb. nov.**
Original binomen: *Limburgina ? santonia* Honigstein, 1984
Aysegulina sarlatensis (Colin, 1973) **comb. nov.**
Original binomen: *Limburgina ? sarlatensis* Colin, 1973
Aysegulina semicancellata (Bosquet, 1854) **comb. nov.**
Original binomen: *Cythere semicancellata* Bosquet, 1854
Aysegulina senonensis (Damotte, 1964) **comb. nov.**
Original binomen: *Cythereis senonensis* Damotte, 1964
Aysegulina seuvensis (Andreu, 1983) Sauvagnat & Colin, 2014
Original binomen: *Limburgina seuvensis* Andreu, 1983
Aysegulina spinosareticulata (Margerie, 1968) **comb. nov.**
Original binomen: *Limburgina spinosareticulata* Margerie, 1968
Aysegulina uberata (Apostolescu, 1961) Sarr, 2014
Original binomen: *Bradleya uberata* Apostolescu, 1961
Aysegulina uhlenbroeki (Deroo, 1966) **comb. nov.**
Original binomen: *Limburgina uhlenbroeki* Deroo, 1966
Aysegulina utrioides (Tambareau, 1972) **comb. nov.**
Original binomen: *Limburgina ? utrioides* Tambareau, 1972
Aysegulina ventrocurva Puckett & Colin, 2012 in Puckett, Colin & Mitchell
Aysegulina venusta (Damotte, 1964) **comb. nov.**
Original binomen: *Cythereis venusta* Damotte, 1964
Aysegulina verricula (Butler & Jones, 1957) **comb. nov.**
Original binomen: *Cythereis verricula* Butler & Jones, 1957
Aysegulina villabasilensis (Rodriguez-Lazaro, 1988) **comb. nov.**
Original binomen: *Limburgina ? villabasilensis* Rodriguez-Lazaro, 1988

Genus *Hartmannosa* Özdikmen, 2009

2009 *Hartmannosa* Özdikmen, Munis Entomology & Zoology, 4 (2): 614.

Remarks on nomenclatural change: This new substitutional genus name was published for the primary junior homonym *Palaciosa* Hartmann, 1959 (preoccupied by *Palaciosa* Bolivar, 1930), but without citing any names of species.

Actually known species (according to Kempf 1986, 1995, 2008, and in preparation a)**:**
Type species: *Hartmannosa vandenboldi* (Hartmann, 1959) **comb. nov.**
Original binomen: *Palaciosa vandenboldi* Hartmann, 1959
Additional species:
Hartmannosa chilensis (Hartmann, 1962) **comb. nov.**
Original binomen: *Hemicythere chilensis* Hartmann, 1962
Hartmannosa cracenta (Bate, Whittaker & Mayes, 1981) **comb. nov.**
Original binomen: *Palaciosa cracenta* Bate, Whittaker & Mayes, 1981
Hartmannosa minuta (Edwards, 1944) **comb. nov.**
Original binomen: *Hemicythere minuta* Edwards, 1944

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(For many of the new combinations of taxa the publications containing their first description are not cited here. All those references may be looked up in my bibliographies (Kempf 1988, 1996, 2008 b, in preparation b) published together with the different index volumes from the "Kempf Database Ostracoda", the genuine and original "World Ostracoda Database" which is entirely based on about 20,000 original publications on ostracod genera and species.)

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