Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Pseudisidora reticulata* (Gould, 1847) from Hawaii

Background: *Pseudisidora reticulata* was included by neither Turgeon *et al*. (1988, 1998) nor Johnson *et al.* (2013) nor was it included in Christensen *et al.* (2021). However, it is accepted by MolluscaBase.org (2021), though no basis of record was noted.

Supplemental Information:

Specific Recommendation: Recommend recognition of *Pseudisidora reticulata* (Gould, 1847) and add it to on the FMCS list of Scientific and Common Names of Freshwater Gastropods.

Literature Cited:

Christensen, C.C., K.A. Hayes, and N.W. Yeung. 2021. Taxonomy, Conservation, and the future of freshwater snails in the Hawaiian Islands. Diversity 2021,13,215. https://doi.org/10.3390/d13050215

Johnson, P.D., A.E. Bogan, K.M. Brown, N.M. Burkhead, J.R. Cordiero, J.T. Garner, P.D. Hartfield, D.A.W. Lepitzki, G.L. Mackie, E. Pip, T.A. Tarpley, J.S. Tiemann, N.V. Whelan, and E.E. Strong. 2013. Conservation Status of freshwater gastropods of Canada and the United States. Fisheries, 38(6): 247-282. https://doi.org/10.1080/03632415.2013.785396

MolluscaBase eds. 2021. MolluscaBase. *Pseudisidora reticulata* (A. Gould, 1847). Accessed at: http://molluscabase.org/alpha.php?p=taxdetails&id=724499

Turgeon, D.D., A.E. Bogan, E.V. Coan, W.K. Emerson, W.G. Lyons, W.L. Pratt, C.F.E. Roper, A. Scheltema, F.G. Thompson, and J.D. Williams. 1988. Common and Scientific Names of Aquatic Invertebrates of the United States and Canada: Mollusks. American Fisheries Society Special Publication number 16, 248 pages.

Turgeon, D.D., J.F. Quinn, Jr., A.E. Bogan, E.V. Coan, F.G. Hochberg, W.G. Lyons, P.M. Mikkelsen, R.J. Neves, C.F.E. Roper, G. Rosenberg, B. Roth, A. Scheltema, F.G. Thompson, M. Vecchione, and J.D. Williams. 1998. Common and Scientific Names of Aquatic Invertebrates from the United States and Canada: Mollusks. American Fisheries Society Special Publication

Submitted By: Jeffrey T. Garner

Proposal Date: January 2023

Petition Number: Gastropod-2023-03

Committee Member Voting:

____ I support the petition ____ I do not support the petition

Subcommittee members *may* issue a detailed justification of their opinion to express support or rejection of the petition.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Galba binneyi* (Tryon, 1865)

Background: This previously overlooked Lymnaeidae from Hell Gate River, Oregon was proposed by Tryon (1865) and a presumed lectotype specimen deposited at ANSP (58606). The species is accepted as valid on Molluscabase (2025) and is also recognized by InvertEbase.org (2018).

Supplemental Information: Additionally, the taxon was previously cited by Baker 1911.

Specific Recommendation: Given historic citations, include *Galba binneyi* (Tryon, 1965) in the FMCS list of common and scientific names for freshwater gastropods to provide consistency with cited sources.

Literature Cited:

Baker, F.C. 1911. The Lymnaeidae of North and Middle America, recent and fossil. The Chicago Academy of Sciences, special publication. 3:1-539.

InvertEBase. 2018. Authority files of U.S. and Canadian land and freshwater mollusks developed for the InvertEBase (InvertEBase.org) project.

MolluscaBase eds. 2025. MolluscaBase. *Galba binneyi* (Tryon, 1865). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1352009#sources on 2020-01-

Tryon, G.W. 1865. Descriptions of new species of North American Limnaeidae. American Journal of Conchology. 1:223-231. https://www.biodiversitylibrary.org/page/16084750

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-01

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

Subcommittee members *may* issue a detailed justification of their opinion to express support or rejection of the petition.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Removal of *Galba truncatula* (Müller, 1774)

Background: *Galba truncatula* (Lymnaeidae) is a species known primarily from Europe and should be removed from the FMCS North American checklist. It is accepted as valid on MolluscaBase (2025), citing a complex taxonomic history. However, distribution records indicate occurrences are outside North America.

Supplemental Information: none

Specific Recommendation: Remove *Galba truncatula* (Müller, 1774) from the FMCS list of common and scientific names for freshwater gastropods, as the species does not occur in North America.

Literature Cited:

MolluscaBase eds. 2025. MolluscaBase. *Galba truncatula* (Müller, 1774). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=716336#attributes on 2025-01-21

Müller, O.F. 1774. Vermium terrestrium et fluviatilium, seu animalium infusorium, Helminthicorum, et testaceorum, non marinorum, succincta historia. vol 2: I-XXXVI, 1-214, 10 unnumbered pages. Havniae et Lipsiae, apud Heineck et Faber, ex officina Molleriana. https://www.biodiversitylibrary.org/page/12893715

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-02

Subcommittee Member Voting:

___ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Placement of *Ladislavella atkaensis* (Dall, 1884) into *Dallirhytis* Kruglov and Starobogatov, 1989

Background: *Ladislavella atkaensis* was described from the Aleutian Islands by Dall (1884) but the distribution continues to the Chukchi Peninsula in far eastern Russia. Specimens were recently subjected to genetic evaluation (COI, 16S rRNA, 28S rRNA) results supporting placement into *Dallirhytis* Kurglov and Starobogatov, 1989.

Supplemental Information: The species is currently placed in *Dallirhytis* by MolluscaBase (2024).

Specific Recommendation: Recommend placing *Ladislavella atkaensis* (Dall, 1884) into *Dallirhytis* in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Aksenova, O.V., I.N. Bolotov, I.S. Khrebtova, A.V. Kondakov, M.V. Vinarski. 2023. Phylogeny and Taxonomy of the Family Lymnaeidae. Zoological Monographs, vol. 7. The Lymnaeidae: A Handbook on their Natural History and Parasitological Significance. Springer-Nature AG, pp. 67-101. https://doi.org/10.1007/978-3-031-30292-3_3

Dall, W.H. 1884. Contributions to the history of Commander Islands. No. 3. Report on the Mollusca of the Commander Islands, Bering Sea, collected by Leonhard Stejneger in 1882 and 1883. Proceedings of the United States National Museum. 7(442):340-349. https://www.biodiversitylibrary.org/page/7306134

MolluscaBase eds. 2024. MolluscaBase. *Dallirhytis atkaensis* (Dall, 1884). Accessed at: https://molluscabase.org/aphia.php?p=taxdetails&id=1721366 on 2025-03-25

Kruglov, N.D. and Ya.I. Starobogatov. 1989. Mollusks of the subgenus Polyrhytis of the genus Lymnaea in the fauna of the USSR (Pulmonata, Lymnaeidae). Zoologicheskiy zhurnal 68(3): 14-20.

Submitted By: Paul Johnson

Proposal Date: March 2025

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Petition Number: Gastropod-2025-03

Committee Member Voting:

____ I support the petition ____ I do not support the petition

Subcommittee members *may* issue a detailed justification of their opinion to express support or rejection of the petition.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: *Physella bottimeri* (Clench, 1924), *Physella boucardi* (Crosse & Fisher, 1881), *Physella conoidea* (Fisher & Crosse, 1881), *Physella humerosa* (Gould, 1855), *Physella squalida* (Morelet, 1851), and *Physella traskii* (Lea, 1864) are junior synonyms of *Physella mexicana* (Phillipi, 1845)

Background: *Physella bottimeri* (Clench, 1924), *Physella boucardi* (Crosse & Fisher, 1881), *Physella conoidea* (Fisher & Crosse, 1881), *Physella humerosa* (Gould, 1855), *Physella squalida* (Morelet, 1851), and *Physella traskii* (Lea, 1864) had been previously placed into synonymy with *Physella mexicana* (Phillipi, 1845) as proposed by Taylor (2003). These synonymies are currently recognized by MolluscaBase (2021a, 2021b, 2021c, 2024a, 2024b and 2025).

Supplemental Information: These taxa had been previously placed into synonymy with *Physella mexicana* (Phillipi, 1845) as proposed by Taylor (2003). However, Johnson et al., 2013 recognized these taxa, establishing *taxonomic inquirendum* for each (MolluscaBase, 2021a, 2021b, 2021c, 2024a, 2024b and 2025).

Specific Recommendation: *Physella bottimeri* (Clench, 1924), *Physella boucardi* (Crosse & Fisher, 1881), *Physella conoidea* (Fisher & Crosse, 1881), *Physella humerosa* (Gould, 1855), *Physella squalida* (Morelet, 1851), and *Physella traskii* (Lea, 1864) are junior synonyms of *Physella mexicana* and should be removed from the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Johnson, P.D., A.E. Bogan, K.M. Brown, N.M. Burkhead, J.R. Cordeiro, J.T. Garner, P.D. Hartfield, D.A.W. Lepitzki, G.L. Mackie, E. Pip, T.A. Tarpley, J.S. Tiemann, N.V. Whelan, and E.E. Strong. 2013. Conservation Status of freshwater gastropods of Canada and the United States. Fisheries, 38(6):247-282. https://doi.org/10.1080/03632415.2013.785396

MolluscaBase eds. 2021a. MolluscaBase. *Physella bottimeri* (Clench, 1924). Accessed at: http://molluscabase.org/aphia.php?p=taxdetails&id=1307147 on 2025-03-28.

MolluscaBase eds. 2021b. MolluscaBase. *Physella conoidea* (Fischer & Crosse, 1886). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1309453 on 2025-03-28.

MolluscaBase eds. 2021c. MolluscaBase. *Physella humerosa* (Gould, 1855). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1306257 on 2025-03-28.

MolluscaBase eds. 2021d. MolluscaBase. *Physella squalida* (Morelet, 1851). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1308518 on 2025-03-28.

MolluscaBase eds. 2024a. MolluscaBase. *Physella boucardi* (Crosse & P. Fischer, 1881). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1307149 on 2025-03-28.

MolluscaBase eds. 2024b. MolluscaBase. *Physella traskii* (I. Lea, 1864). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1308596 on 2025-03-28.

MolluscaBase eds. 2025. MolluscaBase. *Physella mexicana* (R. A. Philippi, 1841). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1065765 on 2025-03-25.

Taylor, D.W. 2003. Introduction to Physidae (Gastropoda: Hygrophila); biogeography, classification, morphology. *Revista de Biología Tropical.* 51(Suppl. 1): 1-263. https://tropicalstudies.org/rbt/attachments/suppls/sup51-1%20Physidae/Physidae%20Information.pdf

Wethington, A.R. and C. Lydeard, C. 2007. A molecular phylogeny of Physidae (Gastropoda: Basommatophora) based on mitochondrial DNA sequences. Journal of Molluscan Studies. 73(3): 241-257. https://doi.org/10.1093/mollus/eym021

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-04

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: *Physella mexicana* (Phillipi, 1845) is a junior synonym of *Physella acuta* (Draparnaud, 1805) Wethington and Lydeard (2007)

Background: Although *Physella mexicana* (Phillipi, 1845) was included in (Johnson *et al.,* 2013) the taxon had been previously placed into synonymy with *Physella acuta* (Draparnaud, 1805) by Wethington and Lydeard (2007). This placement is currently recognized by MolluscaBase (2025).

Supplemental Information: *Physella bottimeri* (Clench, 1924), *Physella boucardi* (Crosse & Fisher, 1881), *Physella conoidea* (Fisher & Crosse, 1881), *Physella humerosa* (Gould, 1855), *Physella squalida* (Morelet, 1851), and *Physella traskii* (Lea, 1864) had been previously placed into synonymy with *Physella* (*Haitia*) *mexicana* (Phillipi, 1845) by Taylor (2003).

Specific Recommendation: *Physella mexicana* (Phillipi, 1845) is a junior synonym of *Physella acuta* (Draparnaud, 1805) according to Wethington and Lydeard, 2007. *Physella mexicana* (Phillipi, 1845) should be removed from the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Johnson, P.D., A.E. Bogan, K.M. Brown, N.M. Burkhead, J.R. Cordeiro, J.T. Garner, P.D. Hartfield, D.A.W. Lepitzki, G.L. Mackie, E. Pip, T.A. Tarpley, J.S. Tiemann, N.V. Whelan, and E.E. Strong. 2013. Conservation Status of freshwater gastropods of Canada and the United States. Fisheries, 38(6): 247-282. https://doi.org/10.1080/03632415.2013.785396

MolluscaBase eds. 2025. MolluscaBase. *Physella mexicana* (R. A. Philippi, 1841). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1065765 on 2025-03-25.

Taylor, D.W. 2003. Introduction to Physidae (Gastropoda: Hygrophila); biogeography, classification, morphology. *Revista de Biología Tropical.* 51(Suppl. 1): 1-263. https://tropicalstudies.org/rbt/attachments/suppls/sup51-1%20Physidae/Physidae%20Information.pdf

Wethington, A.R. and C. Lydeard, C. 2007. A molecular phylogeny of Physidae (Gastropoda: Basommatophora) based on mitochondrial DNA sequences. Journal of Molluscan Studies. 73(3): 241-257. https://doi.org/10.1093/mollus/eym021

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-05

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: *Physella cooperi* (Tryon, 1865), *Physella propinqua* (Tryon, 1865), *Physella virginea* (Gould, 1847), and *Physella utahensis* (Clench, 1925) are junior synonyms of *Physella gyrina* (Say, 1821)

Background: *Physella cooperi* (Tryon, 1865), *Physella propinqua* (Tryon, 1865), *Physella virginea* (Gould, 1847), and *Physella utahensis* (Clench, 1925) were included in (Johnson *et al*. 2013) and previously recognized in both editions of Turgeon *et al*. (1988; 1998). However, (Taylor, 2003) recommended synonymization of all four taxa with *Physella gyrina* (Say, 1821) based upon anatomical evidence.

Supplemental Information: MolluscaBase recognizes *Physella cooperi* (Tryon, 1865), *Physella propinqua* (Tryon, 1865), *Physella virginea* (Gould, 1847), and *Physella utahensis* (Clench, 1925) were proposed junior synonyms of *Physella gyrina* (Taylor, 2003). All species are currently listed as taxonomic inquirendumn due to previous recognition by Johnson et al. 2013 (MolluscaBase, 2021a, 2021b, 2021c, 2025).

Specific Recommendation: Recognize *Physella cooperi* (Tryon, 1865), *Physella propinqua* (Tryon, 1865), *Physella virginea* (Gould, 1847), and *Physella utahensis* (Clench, 1925) are junior synonyms of *Physella gyrina* (Say, 1821) and they should be removed from the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Johnson, P.D., A.E. Bogan, K.M. Brown, N.M. Burkhead, J.R. Cordiero, J.T. Garner, P.D. Hartfield, D.A.W. Lepitzki, G.L. Mackie, E. Pip, T.A. Tarpley, J.S. Tiemann, N.V. Whelan, and E.E. Strong. 2013. Conservation Status of freshwater gastropods of Canada and the United States. Fisheries, 38(6): 247-282. https://doi.org/10.1080/03632415.2013.785396

MolluscaBase eds. 2021a. MolluscaBase. *Physella cooperi* (Tryon, 1865). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1308097 on 2025-03-28

MolluscaBase eds. 2021b. MolluscaBase. *Physella propinqua* (Tryon, 1865). Accessed at: http://www.molluscabase.org/aphia.php?p=taxdetails&id=1306826 on 2025-03-28

MolluscaBase eds. 2021c. MolluscaBase. *Physella virginea* (A. Gould, 1847). Accessed at: http://www.molluscabase.org/aphia.php?p=taxdetails&id=1306828 on 2025-03-28

MolluscaBase eds. 2025. MolluscaBase. *Physa lordi utahensis* Clench, 1925. Accessed at: https://molluscabase.org/aphia.php?p=taxdetails&id=1307128 on 2025-03-28

Taylor, D.W. 2003. Introduction to Physidae (Gastropoda: Hygrophila); biogeography, classification, morphology. *Revista de Biología Tropical.* 51(Suppl. 1): 1-263. https://tropicalstudies.org/rbt/attachments/suppls/sup51-1%20Physidae/Physidae%20Information.pdf

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-06

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: *Physella johnsoni* (Clench, 1926) is elevated from synonymy with *Physella gyrina* (Say, 1821)

Background: Previously Young et al., 2021 recommended synonymy of *Physella johnsoni* (Clench, 1926) with *Physella gyrina* (Say, 1821) based upon detailed COI sequencing data presented by Young et al., 2021 (Gastropod Petition 2023-10). Subsequently, Stanford et al., 2023 completed pooled whole genome sequencing evaluation, determining genetic separation from *P. gyrina*.

Supplemental Information: MolluscaBase (2024) recognizes *Physella johnsoni* (Clench, 1926).

Specific Recommendation: Elevate *Physella johnsoni* from synonymy and return it to the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

MolluscaBase eds. (2024). MolluscaBase. *Physella johnsoni* (Clench, 1926). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1309455 on 2025-03-25

Stanford, B., D.A.W. Lepitzki, M.K. Taylor, and S.M. Rogers. 2023. Pooled whole genome sequencing of the endangered Banff Springs Snails, Physella johnsoni, reveals genetic separation to P. gyrina and cryptic micro-geographical genetic structure. Conservation Genetics. 24(6):1-9. https://doi.org/10.1007/s10592-023-01538

Young M.K., R. Smith, K.L. Pilgrim, and M.K. Schwartz. 2021. Molecular species delimitation refines the taxonomy of native and nonnative physinine snails in North America. Nature Scientific Reports. https://doi.org/10.1038/s41598-021-01197-3

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-07

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition *of Gyraulus huronensis* Burch & Jung, 1990 from Michigan

Background: This narrow range species is confined to a small wave swept section of Lake Huron in Presque Isle County, Michigan. The species is striking in color and possess a pronounced umbilicus. Diagnosis was also based upon both external shell and mantle characters and internal evaluation (reproductive, alimentary anatomy).

Supplemental Information: MolluscaBase (2024) recognizes *Gyraulus huronensis* Burch & Jung, 1990.

Specific Recommendation: Include *Gyraulus huronensis* in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Recognition of *Gyraulus* (*Torquis*) *huronensis* Burch & Jung, 1990. a new species of freshwater snail from the North American Great Lakes, Wakerana 3(10):217-228. https://molluskconservation.org/PUBLICATIONS/WALKERANA/Vol3/walkerana%20vol3%20no10%20179-300.PDF

MolluscaBase eds. 2024. MolluscaBase. *Gyraulus huronensis* J. B. Burch & Y. Jung, 1990. Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1351686 on 2025-03-25

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-08

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Helisoma eucosmium* (Bartsch, 1908) from North Carolina

Background: This endemic taxon from North Carolina has been recently identified by North Carolina Wildlife Resources Commission as a species of greatest conservation need. In addition to the original diagnosis (Bartch, 1908) a subsequent collection and report was made by Adams and Brady (1995).

Supplemental Information: MolluscaBase (2024) recognizes *Helisoma eucosmium* as valid.

Specific Recommendation: Include *Helisoma eucosmium* (Bartsch, 1908) in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Adams, W.F. and S.G. Brady. 1995. Rediscovery of the Aquatic Gastropod *Helisoma eucosmium* (Bartsch, 1908), (Basommatophora: Planorbidae). Brimleyana. 22: 23-29. https://www.biodiversitylibrary.org/page/42326419

Bartsch, P. 1908. Notes on the fresh-water mollusk (*Planorbis magnificus*) and descriptions of two new forms of the same genus from the southern states. *Proceedings of the United States National Museum.* 33(1587): 697–700. https://doi.org/10.5479/si.00963801.33-1587.697

MolluscaBase eds. 2024. MolluscaBase. *Helisoma eucosmium* (Bartsch, 1908). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1478442 on 2025-03-25

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-09.

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Placement of *Phreatodrobia coronae* (Hershler, 1987) into *Balconorbis* Hershler & Longley, 1986

Background: Perez et al., 2025 completed anatomical and COI review of several hyporheic / groundwater associated Texas gastropods. In the review they determined *Phreatodrobia coronae* (Hershler, 1987) should be placed in *Balconorbis* Hershler & Longley, 1986.

Supplemental Information: The species is placed in *Balconorbis* in MolluscaBase (2025).

Specific Recommendation: Recommend placement of *P. coronae* (Hershler, 1987) into *Balconorbis* in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Hershler, R. and G. Longley. 1987. *Phreatodrobia coronae*, a new species of cave snail from southwestern Texas. *The Nautilus.* 101(3):133-139. https://www.biodiversitylibrary.org/page/8097632

MolluscaBase eds. 2025. MolluscaBase. *Balconorbis coronae* (Hershler, 1987). Accessed at: https://molluscabase.org/aphia.php?p=taxdetails&id=1797184 on 2025-03-25

Perez, K. E., V. Saenz, Y. Guerrero, L. Gonzalez, E. Guerrero, P. Diaz, B.T. Hutchins, and B.F. Schwartz. 2025. New and revised groundwater snails (Mollusca, Caenogastropoda, Cochliopidae) from karst and associated hyporheic habitats in western Texas and northern Mexico. Subterranean Biology. 50: 119-151. https://doi.org/10.3897/subtbiol.50.138174

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-10

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Coahuilix parrasens* Czaja, Estrada-Rodríguez, Romero-Méndez, Ávila-Rodríguez, Meza-Sanchez & Covich, 2017 from caves in the Cuatro Ciénegas basin, Mexico

Background: *Coahuilix parrasens* Czaja, Estrada-Rodríguez, Romero-Méndez, Ávila-Rodríguez, Meza-Sanchez & Covich, 2017 a subterranean freshwater gastropod was initially described from recent fossil material. However, in 2019 live specimens were discovered in the Cuatro Ciénegas basin, in the Mexican states of Durango and Coahuila (Czaja et al., 2019).

Supplemental Information: *Coahuilix parrasens* Czaja, Estrada-Rodríguez, Romero-Méndez, Ávila-Rodríguez, Meza-Sanchez & Covich, 2017 is noted as extinct on MolluscaBase (2024).

Specific Recommendation: Include *Coahuilix parrasens* Czaja, Estrada-Rodríguez, Romero-Méndez, Ávila-Rodríguez, Meza-Sanchez & Covich, 2017 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Czaja A., J.L. Estrada-Rodríguez, U. Romero-Méndez, V. Ávila-Rodríguez, I.G. Meza-Sanchez & A.P. Covich. 2017. New species and records of phreatic snails (Caenogastropoda: Cochliopidae) from the Holocene of Coahuila, Mexico. Archiv für Molluskenkunde. 146(2): 227-232. https://doi.org/10.1127/arch.moll/146/227-232

Czaja A, G.F. Cardoza-Martínez, I.G. Meza-Sánchez, J.L. Estrada-Rodríguez, J. Saenz-Mata J, J.L. Becerra-López, U. Romero-Méndez, JR Estrada-Arellano, MA Garza-Martínez, and J.A.D. Paulín. 2019. New genus, two new species and new records of subterranean freshwater snails (Caenogastropoda; Cochliopidae and Lithoglyphidae) from Coahuila and Durango, Northern Mexico. Subterranean Biology 29: 89-102. https://doi.org/10.3897/subtbiol.29.34123

MolluscaBase eds. 2024. MolluscaBase. *Coahuilix parrasense* Czaja A., J.L. Estrada-Rodríguez, U. Romero-Méndez, V. Ávila-Rodríguez, I.G. Meza-Sanchez & A.P. Covich. 2017. Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1054380 on 2025-03-25

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-11

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Phreatodrobia bulla* Perez & Castañeda, 2023.

Background: *Phreatodrobia bulla* Perez & Castañeda, 2023 is a phreatic gastropod (Cochliopidae) from the Edwards and Trinity aquifers in Texas (Perez et al., 2023). Diagnosis was completed utilizing internal and external anatomical features and COI sequence data.

Supplemental Information: *Phreatodrobia bulla* Perez & Castañeda, 2023 is recognized by MolluscaBase (2024).

Specific Recommendation: Include *Phreatodrobia bulla* Perez & Castañeda, 2023 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

MolluscaBase eds. 2024. MolluscaBase. *Phreatodrobia bulla* K. E. Perez & Castañeda, 2023. Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1721101 on 2025-03-25.

Perez K.E., Y. Guerrero, R. Castañeda, P.H. Diaz, R. Gibson, B. Schwartz, and B.T. Hutchins 2023. Two new phreatic snails (Mollusca, Caenogastropoda, Cochliopidae) from the Edwards and Edwards-Trinity aquifers, Texas. Subterranean Biology. 47: 1–27. http://zoobank.org/2DA26BD8-3066-4B88-8DD9-4EE8E9017E29

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-12

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Phreatodrobia candelensis* Czaja, Becerra-López & Ávila-Rodríguez, 2024 from small groundwater-fed springs in Candela, Coahuila, northern Mexico

Background: *Phreatodrobia candelensis* Czaja, Becerra-López & Ávila-Rodríguez, 2024 was described from Los Carricitos, inside Parque Ecológico Las Lajitas, Rio Candela, Coahuila, northern Mexico utilizing morphological and anatomical data (Czaja et al., 2024). It is the first *Phreatodrobia* sampled in Mexico.

Supplemental Information: *Phreatodrobia candelensis* Czaja, Becerra-López & Ávila-Rodríguez, 2024 is recognized by MolluscaBase (2024).

Specific Recommendation: Include *Phreatodrobia candelensis* Czaja, Becerra-López & Ávila-Rodríguez, 2024 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Czaja, A., J.L. Becerra-López, D.G. Cordero-Torres, J.L. Estrada-Rodríguez, G.F. Cardoza-Martínez, F. Alonzo-Rojo, V. Ávila-Rodríguez. 2024. Two new species and a new record of stygobitic freshwater snails (Gastropoda, Cochliopidae) from Candela, Coahuila, northern Mexico. https://doi.org/10.11646/zootaxa.5406.4.4

MolluscaBase eds. 2024. MolluscaBase. *Phreatodrobia candelensis* Czaja, Becerra-López & Ávila-Rodríguez, 2024. Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1735824 on 2025-03-25

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-13

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Phreatodrobia embossa* Perez, 2025 from Caroline Springs hyporheic zone, Terrell County, Texas

Background: Diagnosis of *Phreatodrobia embossa* Perez, 2025 was completed during an anatomical and CO1 review of several hyporheic / groundwater associated Texas gastropods (Perez et al., 2025). The species was described utilizing morphological, anatomical and COI data.

Supplemental Information: *Phreatodrobia embossa* Perez, 2025 is recognized by MolluscaBase (2025).

Specific Recommendation: Include *Phreatodrobia embossa* Perez, 2025 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Johnson, P.D., A.E. Bogan, K.M. Brown, N.M. Burkhead, J.R. Cordeiro, J.T. Garner, P.D. Hartfield, D.A.W. Lepitzki, G.L. Mackie, E. Pip, T.A. Tarpley, J.S. Tiemann, N.V. Whelan, and E.E. Strong. 2013. Conservation Status of freshwater gastropods of Canada and the United States. Fisheries, 38(6): 247-282. https://doi.org/10.1080/03632415.2013.785396

MolluscaBase eds. 2025. MolluscaBase. *Phreatodrobia embossa* Perez, 2025. Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1797185 on 2025-03-25

Perez, K. E., V. Saenz, Y. Guerrero, L. Gonzalez, E. Guerrero, P. Diaz, B.T. Hutchins, and B.F. Schwartz. 2025. New and revised groundwater snails (Mollusca, Caenogastropoda, Cochliopidae) from karst and associated hyporheic habitats in western Texas and northern Mexico. Subterranean Biology. 50: 119-151. https://doi.org/10.3897/subtbiol.50.138174

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-14

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: *Pyrgophorus cisterninus* (Küster, 1852) is a synonym of *Pyrogophorus coronatus* (Pfeiffer, 1840)

Background: In his review freshwater gastropods from Mexico and Central America, Thompson (2011) observed that *Pyrgophorus cisterninus* (Küster, 1852) is a synonym of *Pyrogophorus coronatus* (Pfeiffer, 1840).

Supplemental Information: MolluscaBase (2024) considers *Pyrogophorus cisterninus* (Küster, 1852) a junior synonym of *Pyrogophorus coronatus* (Pfeiffer, 1840).

Specific Recommendation: Remove *Pyrogophorus coronatus* (Pfeiffer, 1840) from the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

MolluscaBase eds. 2024. MolluscaBase. *Pyrgophorus coronatus* (L. Pfeiffer, 1840). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=397179 on 2025-03-25

Thompson, F.G. 2011. An annotated checklist and bibliography of the land and freshwater snails of México and Central America. Florida Museum of Natural History Bulletin. 50(1):1-299. https://doi.org/10.58782/flmnh.bnej7351

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-15.

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Stygopyrgus gracilis* Perez, Saenz & Gonzales, 2025 from hyporheic zone of Fresno Creek, Presidio County, Texas

Background: Diagnosis of *Stygopyrgus gracilis* Perez, Saenz & Gonzales 2025 was completed during an anatomical and CO1 review of several hyporheic / groundwater associated Texas gastropods (Perez et al., 2025). The species was described utilizing morphological, anatomical and COI data.

Supplemental Information: *Stygopyrgus gracilis* Perez, Saenz & Gonzales 2025 is recognized by MolluscaBase (2025).

Specific Recommendation: Include *Stygopyrgus gracilis* Perez, Saenz & Gonzales, 2025 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

MolluscaBase eds. (2025). MolluscaBase. *Stygopyrgus gracilis* Perez, Saenz & Gonzalez, 2025. Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1797182 on 2025-03-25

Perez, K. E., V. Saenz, Y. Guerrero, L. Gonzalez, E. Guerrero, P. Diaz, B.T. Hutchins, and B.F. Schwartz. 2025. New and revised groundwater snails (Mollusca, Caenogastropoda, Cochliopidae) from karst and associated hyporheic habitats in western Texas and northern Mexico. Subterranean Biology. 50: 119-151. https://doi.org/10.3897/subtbiol.50.138174

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-16

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Stygopyrgus variabilis* Perez & Saenz, 2025 from hyporheic zone of Las Palmas Spring #5, Brewster County, Texas

Background: Diagnosis of *Stygopyrgus variabilis* Perez & Saenz, 2025 was completed during an anatomical and CO1 review of several hyporheic / groundwater associated Texas gastropods (Perez et al., 2025). The species was described utilizing morphological, anatomical and COI data.

Supplemental Information: *Stygopyrgus variabilis* Perez & Saenz, 2025 is recognized by MolluscaBase (2025).

Specific Recommendation: Include *Stygopyrgus variabilis* Perez & Saenz, 2025 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

MolluscaBase eds. (2025). MolluscaBase. *Stygopyrgus variabilis* Perez & Saenz, 2025. Accessed at: https://molluscabase.org/aphia.php?p=taxdetails&id=1797181 on 2025-03-25

Perez, K. E., V. Saenz, Y. Guerrero, L. Gonzalez, E. Guerrero, P. Diaz, B.T. Hutchins, and B.F. Schwartz. 2025. New and revised groundwater snails (Mollusca, Caenogastropoda, Cochliopidae) from karst and associated hyporheic habitats in western Texas and northern Mexico. Subterranean Biology. 50: 119-151. https://doi.org/10.3897/subtbiol.50.138174

Submitted By: Paul Johnson

Proposal Date: February 2025

Petition Number: Gastropod-2025-17

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Vitropyrgus lillianae* Perez & Gurrero, 2023

Background: *Vitropyrgus lillianae* Perez & Gurrero, 2023 is a phreatic gastropod (Cochliopidae) from the Edwards and Trinity aquifers in Texas (Perez et al., 2023). Diagnosis was completed utilizing internal and external anatomical features and COI sequence data.

Supplemental Information: *Vitropyrgus lillianae* Perez & Gurrero, 2023 is recognized by MolluscaBase (2024).

Specific Recommendation: Include *Vitropyrgus lillianae* Perez & Gurrero, 2023 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

MolluscaBase eds. 2024. MolluscaBase. *Vitropyrgus lillianae* K. E. Perez & Guerrero, 2023. Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1721100 on 2025-03-28

Perez K.E., Y. Guerrero, R. Castañeda, P.H. Diaz, R. Gibson, B. Schwartz, and B.T. Hutchins 2023. Two new phreatic snails (Mollusca, Caenogastropoda, Cochliopidae) from the Edwards and Edwards-Trinity aquifers, Texas. Subterranean Biology. 47: 1–27. http://zoobank.org/2DA26BD8-3066-4B88-8DD9-4EE8E9017E29

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-18.

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Fontigens benefieldi* Dillon, Malabad, Orndorff, and Liu, 2023, from Sugar Run Cave, Giles Co., Virginia

Background: *Fontigens benefieldi* is distinguished from congeners using morphological and molecular (COI) evidence and is characterized by a small ovoid shell, depressed apex, lightly impressed sutures, exceptionally convex body whorl, variable umbilicus, transparent operculum, unpigmented body and eyespots, and tripartite penis bearing a tubular distal lobe and bulbous proximal lobe (Dillon *et al*., 2023). Based on mitochondrial cytochrome c oxidase subunit 1, *F. benefieldi* clustered with, but was distinct from, *Fontigens tartarea* and *Fontigens morrisoni*, though it is morphologically similar to *Fontigens orolabris*.

Supplemental Information: *Fontigens benefieldi* Dillon, Malabad, Orndorff, and Liu, 2023 is recognized by MolluscsBase (2024).

Specific Recommendation: Include *Fontigens benefieldi* Dillon, Malabad, Orndorff, and Liu, 2023 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:
Dillon, R.T., Jr., T.E. Malabad, W.D. Orndorff, and H-P. Liu. 2023. Three new *Fontigens* (Caenogastropoda: Fontigenidae) from caves in the Appalachian Ridge and Valley Province, Virginia. Pages 283-306 in: Dillon, Malabad, Orndorff, and Liu, The Freshwater Gastropods of North America, Volume V: Ohio, Cumberland, and Tennessee River systems. FWGNA, Charlston, SC.

MolluscaBase eds. 2024. MolluscaBase. *Fontigens benfieldi* Dillon, Malabad, Orndorff & H-P. Liu, 2023. Accessed at: https://molluscabase.org/aphia.php?p=taxdetails&id=1720240 on 2025-03-29.

Submitted By: Jeffrey T. Garner

Proposal Date: March 2025

Petition Number: Gastropod- 2025-19

Committee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Fontigens davisi* Dillon, Malabad, Orndorff, and Liu, 2023, from Dulaneys Cave, Giles Co., Virginia

Background: *Fontigens davisi* is distinguished from congeners using morphological and molecular (COI) evidence and is characterized by a small elongate-conic shell with a variably depressed apex, lightly impressed sutures, large body whorl, slightly open umbilicus, transparent operculum, unpigmented body and eyespots, and tripartite penis bearing a distal tubular accessory lobe and a bulbous proximal accessory lobe (Dillon *et al*., 2023). Based on mitochondrial COI, *F. davisi* is distinct from other *Fontigens* species.

Supplemental Information: *Fontigens davisi* Dillon, Malabad, Orndorff, and Liu, 2023 is recognized by MolluscsBase (2024).

Specific Recommendation: Include *Fontigens davisi* Dillon, Malabad, Orndorff, and Liu, 2023 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:
Dillon, R.T., Jr., T.E. Malabad, W.D. Orndorff, and H-P. Liu. 2023. Three new *Fontigens* (Caenogastropoda: Fontigenidae) from caves in the Appalachian Ridge and Valley Province, Virginia. Pages 283-306 in: Dillon, Malabad, Orndorff, and Liu, The Freshwater Gastropods of North America, Volume V: Ohio, Cumberland, and Tennessee River systems. FWGNA, Charlston, SC.

MolluscaBase eds. 2024. MolluscaBase. *Fontigens davisi* Dillon, Malabad, Orndorff & H-P. Liu, 2023. Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1720241 on 2025-03-29.

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod- 2025-20

Committee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Fontigens hershleri* Dillon, Malabad, Orndorff, and Liu, 2023, from Lane Cave, Scott Co., Virginia

Background: *Fontigens hershleri* is distinguished from congeners using morphological and molecular (COI) evidence and is characterized by a small ovate-conic shell with a moderately acute apex, lightly impressed sutures, large body whorl, slightly open umbilicus, transparent operculum, pigmented body and eyespots, and tripartite penis bearing two tubular accessory lobes (Dillon *et al*., 2023). Based on mitochondrial COI, *F. hershleri* clustered with, but was distinct from, *Fontigens nickliniana*.

Supplemental Information: *Fontigens hershleri* Dillon, Malabad, Orndorff, and Liu, 2023 is recognized by MolluscsBase (2024).

Specific Recommendation: Include *Fontigens hershleri* Dillon, Malabad, Orndorff, and Liu, 2023 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Dillon, R.T., Jr., T.E. Malabad, W.D. Orndorff, and H-P. Liu. 2023. Three new *Fontigens* (Caenogastropoda: Fontigenidae) from caves in the Appalachian Ridge and Valley Province, Virginia. Pages 283-306 in: Dillon, Malabad, Orndorff, and Liu, The Freshwater Gastropods of North America, Volume V: Ohio, Cumberland, and Tennessee River systems. FWGNA, Charlston, SC.

MolluscaBase eds. 2024. MolluscaBase. *Fontigens hershleri* Dillon, Malabad, Orndorff & H-P. Liu, 2023. Accessed at: https://molluscabase.org/aphia.php?p=taxdetails&id=1720237 on 2025-03-29.

Submitted By: Jeffrey T. Garner

Proposal Date: March 2025

Petition Number: Gastropod- 2025-21

Committee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Removal of *Ecrobia truncata* (Vanatta, 1924) from the FMCS list of common and scientific names for freshwater gastropods.

Background: Although *Ecrobia truncata* (Vanatta, 1924) is distributed along the eastern Atlantic seaboard from Canada to Mexico, but nearly all historic occurrences are brackish or fully marine environments. The taxon was not recognized as freshwater in either Turgeon et al., 1998 or Johnson et al., 2013. It's inclusion in the list was attributed to Czaja et al., 2020 who cited Lydeard and Cummings, 2019.

Supplemental Information: Distributional records available on InvertEBase 2018 and MolluscaBase 2021 are available.

Specific Recommendation: Remove *Ecrobia truncata* (Vanatta, 1924) from the FMCS list of common and scientific names for freshwater gastropods, as the species does not occur in freshwater.

Literature Cited:

Alexander, C., I.G.Meza-Sánchez, J.L. Estrada-Rodríguez, U. Romero-Méndez, J. Sáenz-Mata, V. Ávila-Rodríguez, J.L. Becerra-López, J.R. Estrada-Arellano, G.F. Cardoza-Martínez, D.R. Aguillón-Gutiérrez, D.G. Cordero-Torres, and A.P. Covich. 2020. The freshwater snails (Mollusca: Gastropoda) of Mexico: updated checklist, endemicity hotspots, threats and conservation status. Revista Mexicana de Biodiversidad e912909 2 https://doi.org/10.22201/ib.20078706e.2020.91.2909

InvertEBase. 2018. Authority files of U.S. and Canadian land and freshwater mollusks developed for the InvertEBase (InvertEBase.org) project. https://invertebase.org/portal/taxa/index.php?taxon=Ecrobia+truncata&tid=&formsubmit=Search+Terms

Johnson, P.D., A.E. Bogan, K.M. Brown, N.M. Burkhead, J.R. Cordeiro, J.T. Garner, P.D. Hartfield, D.A.W. Lepitzki, G.L. Mackie, E. Pip, T.A. Tarpley, J.S. Tiemann, N.V. Whelan, and E.E. Strong. 2013. Conservation Status of freshwater gastropods of Canada and the United States. Fisheries, 38(6): 247-282. https://doi.org/10.1080/03632415.2013.785396

Lydeard C. and K.S. Cummings, 2019. Freshwater mollusks of the world. A distributional atlas. John Hopkins University Press. 256 pages. ISBN 9781421427317. https://doi.org/10.1353/book.66164

MolluscaBase eds. 2021. MolluscaBase. *Ecrobia truncata* (Vanatta, 1924). Accessed at: https://molluscabase.org/aphia.php?p=taxdetails&id=574096 on 2025-03-29.

Turgeon, D.D., J.F. Quinn, Jr., A.E. Bogan, E.V. Coan, F.G. Hochberg, W.G. Lyons, P.M. Mikkelsen, R.J. Neves, C.F.E. Roper, G. Rosenberg, B. Roth, A. Scheltema, F.G. Thompson, M. Vecchione, and J.D. Williams. 1998. Common and Scientific Names of Aquatic Invertebrates from the United States and Canada: Mollusks. American Fisheries Society Special Publication

Submitted By: Paul Johnson

Proposal Date: March 2025

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Petition Number: Gastropod- 2025-22

Committee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Phreatomascogos garciasaucedoi* Czaja, Becerra-López & Ávila-Rodríguez, 2024 from small groundwater-fed springs in Candela, Coahuila, northern Mexico

Background: *Phreatomascogos garciasaucedoi* Czaja, Becerra-López & Ávila-Rodríguez, 2024 was described from Los Carricitos, inside Parque Ecológico Las Lajitas, Rio Candela, Coahuila, northern Mexico utilizing morphological and anatomical data (Czaja et al., 2024).

Supplemental Information: *Phreatomascogos garciasaucedoi* Czaja, Becerra-López & Ávila-Rodríguez, 2024 is recognized by MolluscaBase (2024).

Specific Recommendation: Include *Phreatomascogos garciasaucedoi* Czaja, Becerra-López & Ávila-Rodríguez, 2024 in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Czaja, A., J.L. Becerra-López, D.G. Cordero-Torres, J.L. Estrada-Rodríguez, G.F. Cardoza-Martínez, F. Alonzo-Rojo, V. Ávila-Rodríguez. 2024. Two new species and a new record of stygobitic freshwater snails (Gastropoda, Cochliopidae) from Candela, Coahuila, northern Mexico. https://doi.org/10.11646/zootaxa.5406.4.4

MolluscaBase eds. 2024. MolluscaBase. *Phreatomascogos garciasaucedoi* Czaja, Cardoza-Martínez & Estrada-Rodríguez, 2024. Accessed at: https://molluscabase.org/aphia.php?p=taxdetails&id=1735823 on 2025-03-29

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-23

Subcommittee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Elimia acutocarinata* (Lea, 1841) as a full species

Background: This species was described as *Melania acutocarinata* Lea, 1841, with the ambiguous published type locality "Tennessee". However, the holotype (by monotypy, USNM 119048) is labeled "Holston R., Tenn." This is a distinctive, heavily carinate form recognized at the species level by Tryon (1873: 228). However, Goodrich (1939: 126) deemed the heavy carina as a "sign of depauperization" (loose coiling), stating that it had "not been found in pure colonies" and noting that Lea based the description on only one specimen. Goodrich considered *acutocarinata* to be "a rare variant among *G. clavaeformis*". Goodrich (1940: 17) included *M. acutocarinata* in the synonymy of *Goniobasis clavaeformis* (Lea, 1841) Burch and Tottenham (1980) and Burch (1982, 1989), who basically followed the taxonomy of Goodrich, omitted *acutocarinata* from the Species List and Ranges text, though two of their *Elimia clavaeformis* figures (figs. 404, 405) were labeled "*E. acutocarinata* = ? *E. clavaeformis*". Turgeon *et al.* (1988, 1998) basically followed the taxonomy of Goodrich so omitted any mention of *E. acutocarinata*. Johnson et al. (1998) basically followed Turgeon et al. (1998) so omitted *E. acutocarinata* as well. However, Whelan *et al*. (2022: 11) included individuals resembling the holotype and coming from near the type locality and they fell into a clade outside of the one that included *E. clavaeformis*. Despite Goodrich's (1939: 126) belief that *acutocarinata* was only a "rare variant" there are east Tennessee streams where it comprises much of the snail fauna and does not intergrade with sympatric species.

Supplemental Information: MolluscaBase (2024) accepts *Elimia acutocarinata* at the species level, citing Whelan et al. (2022) as its status source.

Specific Recommendation: Include *Elimia acutocarinata* (Lea, 1841) in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Burch, J.B. 1982. Freshwater Snails (Mollusca: Gastropoda) of North America. Environmental Monitoring and Support Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, Cincinnati, Ohio, 294 pages.

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Whelan, N.V., P.D. Johnson, J.T. Garner, N.L. Garrison, and E.E. Strong. 2022. Prodigious polyphyly in Pleuroceridae (Gastropoda: Cerithioidea). Bulletin of the Society of Systematic Biologists, 1(2).

Submitted By: Jeffrey T. Garner

Proposal Date: March 2025

Petition Number: Gastropod-2025-24

Committee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Retention of *Elimia nitens* (Lea, 1842) in the synonymy of *Elimia laqueata* (Say, 1829)

Background: This species was described as *Melania nitida* Lea, 1841, but in his subsequent elaboration on the original description Lea (1842: 182; Obs. 3: 20) changed the specific name to *M. nitens* without comment, though presumably because *M. nitida* Lea, 1841, is a junior primary homonym of *Melania nitida* Lamarck, 1804. *Melania nitens* should be taken as a substitute name under ICZN Article 60.3, as noted by Bieler (2021: 26). *M. nitens* was recognized by Tryon (1873: 182) but the name apparently does not appear in the literature again until Goodrich (1930: 6, 1940: 14) who placed it in the synonymy of *Goniobasis laqueata* (Say, 1829). No mention of *Elimia nitens* was made by Burch and Tottenham (1980) or Burch (1982, 1989), who basically followed the taxonomy of Goodrich. Graf (2001: 71) noted *M. nitens* to be a junior synonym of *E. laqueata*, citing Goodrich (1930: 6; 1940: 14), Burch and Tottenham (1980: 138), and Burch (1982: 36). Since they generally followed Goodrich and Burch, Turgeon *et al*. (1988, 1998) omitted *E. nitens*. Likewise, since Johnson *et al.* (2013) generally followed Turgeon *et al.* (1998) they also omitted *E. nitens*. However, *Elimia nitens* is listed in Molluscabase as "currently accepted" with the account last edited by Rudiger Bieler 18 November 2019. Its listing as "currently accepted" appears to be an artifact of the account not being updated since Bieler (2021: 26), where its "Current status" is listed as a junior synonym of *E. laqueata*, citing Goodrich, 1940: 14; Johnson *et al*.; 2013: 280).

Supplemental Information: *Elimia nitens* (Lea, 1842) is recognized by MolluscaBase (2024).

Specific Recommendation: Continue to omit *Elimia nitens* (Lea, 1842) from the FMCS list of common and scientific names for freshwater gastropods names, because it is a junior synonym of *Elimia laqueata* (Say, 1829).

Literature Cited:

Bieler, R. 2021. Isaac Lea's (1792-1886) substitutions and other modifications of his own names of Molluscan species. Malacologia, 64(1): 1-56.

Burch, J.B. 1982. Freshwater Snails (Mollusca: Gastropoda) of North America. Environmental Monitoring and Support Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, Cincinnati, Ohio, 294 pages.

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Graf, L.L. 2001. The cleansing of the Augean Stables; or a lexicon of the nominal species of the Pleuroceridae (Gastropoda: Prosobranchia) of recent North America, north of Mexico. Walkerana, 12(27): 1-124.

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Submitted By: Jeffrey T. Garner

Proposal Date: March 2025

Petition Number: Gastropod-2025-25

Committee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: Recognition of *Lithasia florentiana* (Lea, 1841) as a full species

Background: This species was described as *Melania florentiana* Lea, 1841, from [Muscle Shoals, Tennessee River] Florence, Alabama. Goodrich (1934: 11) was first to associate *florentiana* with *Lithasia salebrosa* (Conrad, 1834), which was also described from Muscle Shoals, referring to the former as a "form" of the latter. Goodrich (1940: 4) later recognized this as *Lithasia salebrosa florentiana*. This combination was retained by Burch and Tottenham (1980) and Burch (1982, 1989). However, Turgeon *et al*. (1988, 1998) did not list subspecies so there was no mention of *florentiana*. Johnson *et al.* (2013) was based on Turgeon *et al.* (1998) and also listed no subspecies so omitted *florentiana* as well. Currently, Molluscabase lists *Lithasia florentiana* as a full species, with the basis of record InvertEBase but no justification. Indeed, InvertEBase does include *L. florentiana* as a searchable name with three entries from between Natural History Museum of Utah and Yale Peabody Museum. However, InvertEBase also includes *L. salebrosa florentiana* as a searchable name and lists 37 collections from among Alabama Museum of Natural History, Florida Natural History Museum, Philadelphia Academy of Natural Sciences, and North Carolina Museum of Natural Sciences.

Typical *Lithasia salebrosa* and the *florentiana* form do consistently differ in conchology. Nominal *L. salebrosa* has a short spire and strongly shouldered body whorl adorned with large tubercles. The *florentiana* form has a relatively taller spire, hardly any shoulder on the body whorl, and small to almost nonexistent tubercles. Nominal *L. salebrosa* is locally common in a short (approximately 18 km) reach of Tennessee River in the Wilson Dam tailwater, but the *florentiana* form appears to be extirpated from there (JT Garner, personal observation). Goodrich (1934: 11) noted that the *florentiana* form was more common in Muscle Shoals tributaries than in the Tennessee River proper but it also appears to be extirpated from them as well. However, the *florentiana* form is extant and locally common in the Pickwick Dam tailwater, 85 km downstream of Wilson Dam (JT Garner, personal observation). Genetic comparison is needed to resolve the relationship between the two forms. Until this is resolved, the options are to recognize *L. florentiana* and add it to the FMCS list of accepted names or to leave it off due to uncertainty regarding its status. Recognition of the form as a full species pending its resolution would be the conservative option and may impart conservation advantages to the taxon, which is presumed to have a narrow distribution.

Supplemental Information: *Lithasia florentiana* (Lea, 1841) is recognized by MolluscaBase (2024).

Specific Recommendation: Include *Lithasia florentiana* (Lea, 1841) in the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

Burch, J.B. 1982. Freshwater Snails (Mollusca: Gastropoda) of North America. Environmental Monitoring and Support Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, Cincinnati, Ohio, 294 pages.

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Submitted By: Jeffrey T. Garner

Proposal Date: March 2025

Petition Number: Gastropod-2025-26

Committee Member Voting:

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.

Freshwater Mollusk Conservation Society
Names of Freshwater Mollusk Subcommittee
Petition for Proposed Scientific or Common Name Change

Title: *Tryonia diaboli* (Pilsbry & Ferris) is a synonym of *Texapyrgus longleyi* (Thompson & Hershler, 1991)

Background: *Tryonia diaboli* (Pilsbry & Ferris) and *Texapyrgus longleyi* Thompson & Hershler, 1991) were described from the Rio San Felipe in Del Rio, Val Verde County, Texas (Perez et al., 2025). Originally described from shells in drift debris, *Tryonia diaboli* was known only from the type lots deposited at ANSP (91726). *Texapyrgus longleyi* was originally sampled inside a spring head just downstream of Slaughter Bend (USNM 860551). The small size 1.4-1.8 mm, translucent shell, and unpigmented body indicate *Te. longleyi* is predominately subterranean. Closer inspection of the *T. diaboli* type material revealed the identical spiral striation pattern also seen in *Te. longleyi*. Thompson and Hershler, 1991 were apparently unaware of the previous *Tryonia diaboli* description from the Rio San Felipe (Perez et al., 2025). The COI data gathered on a broad range of Cochliopidae confirm placement of Rio San Felipe gastropods in *Texapyrgus* (Perez et al. 2025). As *Tryonia diaboli* is the priority taxon described from the drainage, the synonymy recognizes a new combination, *Texapyrgus diaboli* (Pilsbry & Ferris, 1906).

Supplemental Information: MolluscaBase (2025) recognizes *Texapyrgus diaboli* (Pisbry & Ferris, 1906) and *Texapyrgus longleyi* (Thompson & Hershler, 1991) and *Tryonia diaboli* (Pilsbry & Ferris, 1906) have been placed in synonymy.

Specific Recommendation: Recognize the new combination of *Texapyrgus diaboli* (Pilsbry & Ferris, 1906) remove *Tryonia diaboli* and *Texapyrgus longleyi* from the FMCS list of common and scientific names for freshwater gastropods.

Literature Cited:

MolluscaBase eds. 2025. MolluscaBase. *Texapyrgus diaboli* (Pilsbry & Ferris, 1906). Accessed at: https://www.molluscabase.org/aphia.php?p=taxdetails&id=1797183 on 2025-03-31.

Perez, K. E., V. Saenz, Y. Guerrero, L. Gonzalez, E. Guerrero, P. Diaz, B.T. Hutchins, and B.F. Schwartz. 2025. New and revised groundwater snails (Mollusca, Caenogastropoda, Cochliopidae) from karst and associated hyporheic habitats in western Texas and northern Mexico. Subterranean Biology. 50: 119-151. https://doi.org/10.3897/subtbiol.50.138174

Submitted By: Paul Johnson

Proposal Date: March 2025

Petition Number: Gastropod-2025-27 **Subcommittee Member Voting:**

____ I support the petition ____ I do not support the petition

In the event of rejection, Subcommittee members should provide a detailed summary of their consensus opinion.