

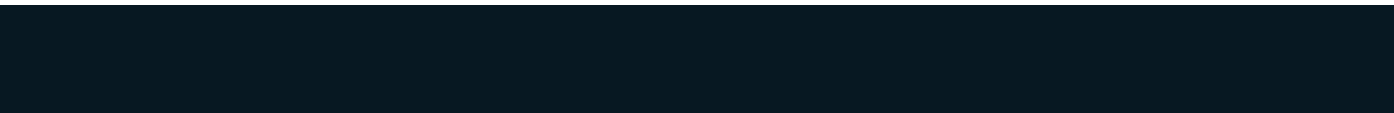


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N E T

**RECENT TERRESTRIAL AND FRESHWATER MOLLUSCS OF PARANÁ STATE, PR,
SOUTHERN BRAZIL REGION:
A COMPREHENSIVE SYNTHESIS AND CHECK LIST**

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Recent Terrestrial and Freshwater Molluscs of Paraná State, PR, Southern Brazil Region: A Comprehensive Synthesis and Check List

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Since 2001 we developed a continental inventory of freshwater/limnic and terrestrial mollusk fauna present in the territory of Paraná State, PR (Agudo, 2008a, Agudo-Padrón, 2008a, Fig. 1), that makes border with the State of Santa Catarina, SC, in the Southern Brazil region (Agudo-Padrón, 2009a), with a total of 129 confirmed species including the present report and subspecies (83 terrestrial and 56 freshwater – 23 mussels/clams and 33 gastropods), systematically included in 2 classes, 32 families and 66 genera. The classification was based on the contributions of Bouchet & Rocroi (2005) – *apud* Poppe & Tagaro (2006), Simone (2006), Thomé et al. (2006, 2007) and Machado et al. (2008), for the general gastropod species; Simone (2006) and Amaral et al. (2008), specifically for the freshwater bivalves forms.

The chronological results of this regional research, was based on the contributions of Agudo (2005, 2006 a-c, 2007a), Agudo-Padrón (2007), Agudo (2007b, 2008a-c), and Agudo-Padrón (2008a-b, 2009b-e).

SYSTEMATIC SPECIES LIST

Class GASTROPODA

Subclass PROSOBRANCHIA / CAENOGASTROPODA

Family AMPULLARIIDAE (Fig. 2)

- *Asolene platae* (Maton, 1809)
- *Asolene spixii* (d'Orbigny, 1838)
- *Pomacea canaliculata* (Lamarck, 1819)
- *Pomacea scalaris* (d'Orbigny, 1835)

- *Pomacea sordida* (Swainson, 1823)
- *Pomella americanista* (Ihering, 1919)
- *Pomella megastoma* (Sowerby I, 1825)

Family HYDROBIIDAE

(= LITHOGLYPHIIDAE)

- *Potamolithus peristomatus*
(d'Orbigny, 1835)
- *Littoridina* (= *Heleobia*) species

Family THIARIDAE

- *Aylacostoma tenuilabris* (Reeve, 1860)
- *Melanoides tuberculatus*
(O. F. Müller, 1774)

Family CYCLOPHORIDAE (= POTIERIIDAE)

- *Adelopoma brasiliense* Morretes, 1954
- *Neocyclotus prominulus* (d'Orbigny, 1840)

Subclass GYMNOPHILA

Family VERONICELLIDAE (Fig. 3)

- *Belocaulis angustipes* (Heynemann, 1885)
- *Phyllocaulis boraceiensis* Thomé, 1972
- *Phyllocaulis tuberculosus*
(E. von Martens, 1868)
- *Phyllocaulis variegatus* (Semper, 1885)
- *Sarasinula marginata* (Semper, 1885)
Thomé, 1973
- *Sarasinula plebeia* (P. Fischer, 1868)
Thomé, 1971

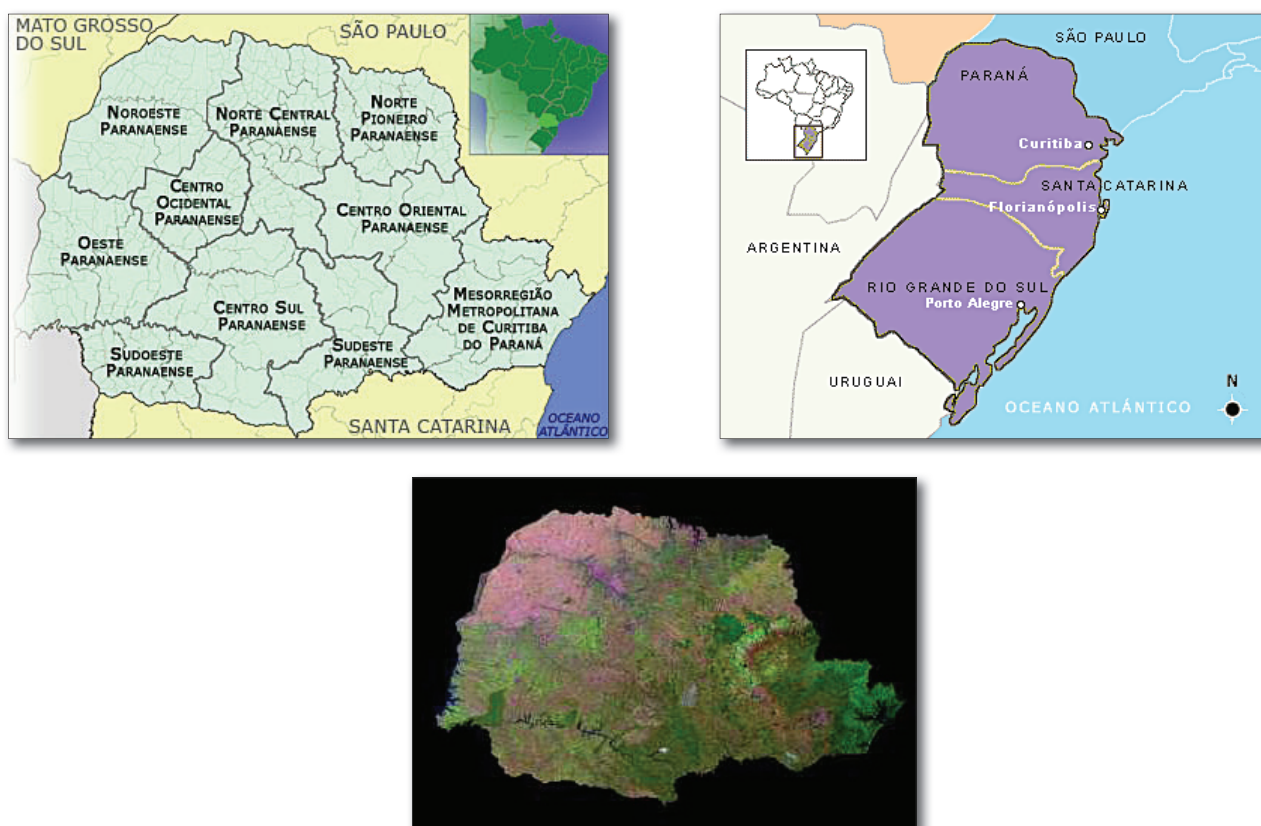


Figure 1. Geographical location and space configuration of the Paraná's State, PR, in the political context of Brazil (for a description of its geographical space, see Agudo-Padrón, 2008a)



Figure 2. *Pomacea* spp. of the Paraná's State (Photo: Agudo-Padrón).



Figure 3. *Sarasinula* cf. *plebeia* (P. Fischer, 1868) Thomé, 1971 of the Paraná's State (Photo: Agudo-Padrón).

Subclass **PULMONATA**Family **ANCYLIDAE**

- *Laevapex* species
- *Uncancylus concentricus* (d'Orbigny, 1835)

Family **CHILINIDAE**

- *Chilina iguazuensis* Gregoric & Rumi, 2008
- *Chilina fluminea* (d'Orbigny, 1835)
- *Chilina megastoma* H. Scott, 1958

Family **PHYSIDAE**

- *Physa acuta* (= *cubensis*) Draparnaud, 1805
- *Physa papaveroi* Leme, 1966
- *Stenophysa* (= *Aplexa*) *marmorata* Guilding, 1828

Family **LYMNAEIDAE**

- *Pseudosuccinea* (= *Lymnaea*) *columella* Say, 1817

Family **PLANORBIDAE**

- *Acorbis petricola* Odhner, 1937
- *Antillorbis nordestensis* (Lucena, 1954)
- *Biomphalaria glabrata* (Say, 1818)
- *Biomphalaria occidentalis* Paraense, 1981
- *Biomphalaria oligoza* Paraense, 1975
- *Biomphalaria peregrina* (d'Orbigny, 1835)
- *Biomphalaria intermedia* (Paraense & Deslandes, 1962)
- *Biomphalaria straminea* (Dunker, 1848)
- *Biomphalaria tenagophyla* (d'Orbigny, 1835)
- *Drepanotrema cimex* (Moricand, 1839)
- *Drepanotrema anatinum* (d'Orbigny, 1935)
- *Drepanotrema depressissimus* (Moricand, 1839)
- *Drepanotrema pfeifferi* (Strobel, 1874)

Family **SUCCINEIDAE**

- *Omalonyx matheroni* (Potiez & Michaud, 1835)
- *Succinea meridionalis* d'Orbigny, 1846

Family **ACHATINIDAE**

- *Achatina* (*Lissachatina*) *fulica* (Bowdich, 1822)

Family **LIMACIDAE**

- *Limacus* (= *Limax*) *flavus* (Linnaeus, 1758)
- *Limax maximus* Linnaeus, 1758

Family **AGRIOLIMACIDAE** (Fig. 4)

- *Deroceras laeve* (O. F. Müller, 1774)

Family **PHILOMICIDAE**

- *Pallifera* species

Family **BULIMULIDAE** (Fig. 4)

- *Aposcutalus atlanticus* (Dutra & Leme, 1985)
- *Bulimulus dukinfieldi* Melvill, 1900
- *Bulimulus tenuissimus* (d'Orbigny, 1835)
- *Bulimulus eudioptus* Ihering, 1897
- *Drymaeus* (*Mormus*) *acervatus* Pilsbry, 1895
- *Drymaeus* (*Mormus*) *acervatus acervatus* (L. Pfeiffer, 1857)
- *Drymaeus* (*Mormus*) *acervatus paucipunctus* Pilsbry, 1898
- *Drymaeus interpunctus* E. von Martens, 1886
- *Drymaeus* (*Mormus*) *oreades* (d'Orbigny, 1835)
- *Drymaeus* (*Mormus*) *papyraceus papyraceus* (Mawe, 1823)
- *Drymaeus* (*Mormus*) *papyraceus papyrifactus* Pilsbry, 1898
- *Leiostracus perlucidus* (Spix, 1827)
- *Mesembrinus interpunctus* (E. von Martens, 1887)
- *Mesembrinus oreades* (d'Orbigny, 1835)
- *Naesiotus eudioptus* (Ihering in Pilsbry, 1897)
- *Thaumastus achilles* (L. Pfeiffer, 1848)
- *Thaumastus dukinfieldi* (Melvill, 1900)

Family **AMPHIBULIMIDAE**

- *Simpulopsis* (*Simpulopsis*) *sulculosa* J. Férussac, 1819

Family **MEGALOBULIMIDAE**

- *Megalobulimus* (*Phaiopharus*) *foreli* (Bequaert, 1948)



Figure 4. *Deroceras laeve* (O. F. Müller, 1774) (Left) and *Bulimulus* cf. *tenuissimus* (d'Orbigny, 1835) (Right) of the Paraná's State (Photo: Agudo-Padrón).

- *Megalobulimus* (*P.*) *gummatus* (Hidalgo, 1870)
- *Megalobulimus* (*P.*) *vestitus* (Pilsbry, 1926)
- *Megalobulimus* (*P.*) *grandis* (E. von Martens, 1798)
- *Megalobulimus* (*Megalobulimus*) *arapotiensis* Morretes, 1952
- *Megalobulimus* (*M.*) *nodai* Morretes, 1952
- *Megalobulimus* (*M.*) *paranaguensis* (Pilsbry & Ihering, 1990)
- *Megalobulimus* (*M.*) *rolandianus* Morretes, 1952
- *Megalobulimus* (*M.*) *sanctipauli* (Ihering & Pilsbry, 1900)
- *Megalobulimus* *parafragilior* (Leme & Indrusiak, 1990)
- *Megalobulimus* (= *Psiloicus*) *oblongus* O. F. Müller, 1775
- *Megalobulimus* (= *P.*) *oblongus elongates* (Bequaert, 1948)
- *Megalobulimus* *chionostomus* (Mörch, 1852)
- *Megalobulimus* *crassus* (Albers, 1850)
- *Megalobulimus* *oosomus* (Pilsbry, 1895)
- *Megalobulimus* *torii* Morretes, 1937

Family STROPHOCHEILIDAE

- *Mirinaba* (= *Strophocheilus*) *curytibana* Morretes, 1952
- *Strophocheilus* (= *Mirinaba*) *erythrosoma* Pilsbry, 1895
- *Strophocheilus* (*Mirinaba*) *antoninensis* Morretes, 1952
- *Strophocheilus* (*Mirinaba*) *cadeadensis* Morretes, 1952
- *Strophocheilus* (*M.*) *poreunir phyrostoma* Clench & Archer, 1930
- *Strophocheilus* (*Metara*) *jaussaudi* (Morretes, 1937)
- *Strophocheilus* (*Strophocheilus*) *calus* Pilsbry, 1901

Family ODONTOSTOMIDAE

- *Cyclodontina* *catharinae* (L. Pfeiffer, 1856)
- *Cyclodontina* (= *Odontostomus*) *fusiformis* (Menke, 1828)
- *Cyclodontina* (= *Odontostomus*) *punctatissima* (Lesson, 1830)
- *Macrodontes* *degeneratus* Pilsbry, 1899
- *Macrodontes* *paulistus* Pilsbry & Ihering, 1898

Family **SAGDIDAE**

- *Thysanophora caeca* (Guppy, 1868)

Family **SUBULINIDAE**

- *Lamelaxis micra* d'Orbigny, 1835
- *Leptinaria unilamellata* (d'Orbigny, 1835)
- *Leptinaria lamellata* (Potiez & Michaud, 1838)
- *Leptinaria parana* (Pilsbry, 1906)
- *Opeas goodalli* (Miller, 1822)
- *Subulina octona* (Bruguière, 1792)

Family **SYSTROPHIIDAE**

- *Happia (Happia) vitrina* (Wagner, 1827)

Family **VALLONIIDAE**

- *Pupisoma minus* Pilsbry, 1920

Family **HELICIDAE**

- *Cornu (= Helix) aspersa* O. F. Müller, 1774

Family **BRADYBAENIDAE**

- *Bradybaena similaris* (J. Férussac, 1821)

Family **ZONITIDAE**

- *Habroconus (Pseudoguppya) semenlini* (Moricand, 1845)

- *Diplodon expansus* (Küster, 1856)

- *Diplodon fontainianus* (d'Orbigny, 1835)
- *Diplodon rotundus gratus* (Lea, 1860)
- *Diplodon semigranosus* Simpson, 1914
- *Diplodon parallelopipedon* (Lea, 1834)
- *Rhipidodonta charruana* (d'Orbigny, 1835)

Order **VENEROIDA**Family **CORBICULIDAE**

- *Corbicula fluminea* (O. F. Müller, 1774)
- *Corbicula largillierti* (Philippi, 1844)

Family **SPHAERIDAE**

- *Eupera elliptica* Ituarte & Dreher-Mansur, 1993
- *Eupera iguazuensis* Ituarte, 1989
- *Pisidium dorbignyi* (Clessin, 1879)
- *Sphaerium* species

Order **MYTILOIDA**Family **MYTILIDAE**

- *Limnoperna fortunei* (Dunker, 1857)

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Class **BIVALVIA**Order **UNIONOIDA**Family **MYCETOPODIDAE**

- *Anodontites clessini* (P. Fischer, 1890)
- *Anodontites crispatus soleniformis* (d'Orbigny, 1835)
- *Anodontites tenebricosus* (Lea, 1834)
- *Anodontites trapesialis* (Lamarck, 1819)
- *Castalia undosa* E. von Martens, 1827
- *Fossula fossiculifera* (d'Orbigny, 1835)
- *Haasica balzani* (Ihering, 1893)
- *Monocondylaea paraguayana* d'Orbigny, 1835
- *Mycetopoda siliquosa* (Spix, 1827)

Family **HYRIIDAE**

- *Diplodon ellipticus* (Wagner in Spix, 1827)

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