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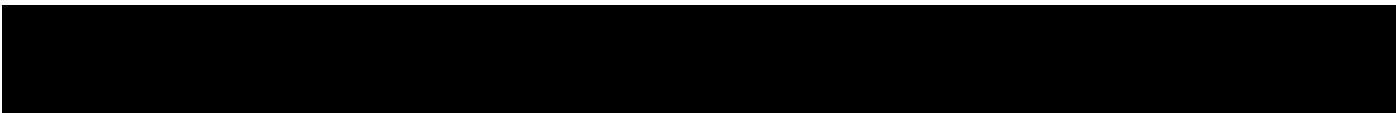
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**THE NEW CLASSIFICATION OF GASTROPODS ACCORDING
TO BOUCHET & ROCROI, 2005**

Guido T. Poppe & Sheila P. Tagaro

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The New Classification of Gastropods according to Bouchet & Rocroi, 2005

A practical adaptation for conchologists, malacologists and shell collectors.

Guido T. Poppe & Sheila P. Tagaro

The Volume 47 of *Malacologia* (2005) counts 397 pages, entirely dedicated to the new “Classification and Nomenclator of Gastropod Families” by Philippe Bouchet & Jean-Pierre Rocroi.

The work drastically changes existing systematics and is an important step in gastropod nomenclature. As each change needs a lot of adaptations of the mind, research and courage, we here attempt to resume Bouchet & Rocroi’s majestic achievement so that workers in the field get an easy access and memory guide to the new classification.

Volume 47 of *Malacologia* is indispensable in any library of significance and can be acquired from Klaus & Christina Groh, Germany: conchbooks@conchbooks.de

An overview with notes on the changes and topics that will be followed by Conchology, Inc. is given below.

As our company and most registered members of Conchology, Inc. are mainly concerned with recent Mollusca, we filtered out the numerous fossil families.

In **BOLD**: families of importance to collectors

In **BLUE**: remarks

In **RED**: families we maintain – not as in Bouchet & Rocroi.

Clade Patellogastropoda

SPF (=Superfamily) Patelloidea
Patellidae

SPF Nacelloidea

Nacellidae – this is new,
before either in
Patellidae or
Lottiidae or
Acmaeidae.

SPF Lottioidea

Lottiidae
Acmaeidae
Lepetidae

SPF Neolepetopsoidea
Neolepetopsidae

Clade Vetigastropoda

SPF not assigned:

Ataphridae
Pendromidae

SPF Fissurelloidea

Fissurellidae

SPF Haliotoidea

Haliotidae

SPF Leptelloidea

Lepetellidae
Addisoniidae
Bathyphytophilidae
Caymanabyssidae
Cocculinellidae
Osteopeltidae
Pseudococculinidae
Pyropeltidae

SPF Leptodrilloidea

Leptodrilidae
Clypeosectidae
Sutilizonidae

SPF Neomphaloidea

Neomphalidae

Melanodrymiidae	Phasianellidae – now
Peltospiridae	contains also the
SPF Pleurotomarioidea	<i>Tricolia</i> (formerly
Pleurotomariidae	<i>Tricoliidae</i>)
SPF Scissurelloidea	
Scissurellidae	Clade Cocculiniformia
Anatomidae – these were in	SPF Cocculinoidea
<i>Scissurellidae</i> before.	Cocculinidae
SPF Seguenzioidea	
Seguenziidae – now well	Clade Cycloneritimorpha
defined, before	SPF Helicinoidea
found in <i>Trochidae</i>	Helicinidae
etc.	Neritiliidae
Chilodontidae – before	Proserpinellidae
in <i>Trochidae</i> , now a	Proserpinidae
homogenous family	SPF Hydrocenoidea
of in general heavily	Hydrocenidae
sculptured dull	SPF Neritoidea
colored shells.	Neritidae
SPF Trochoidea	Phenacolepadidae
Trochidae	SPF Neritopsoidea
Stomatellidae –	Neritopsidae
Conchology, Inc.	Titiscaniidae
maintains this as	
a family – in B & R a	Zygopleuroid Group : <i>Abyssochrysidae</i>
subfamily of	
<i>Trochidae</i> .	Informal group <i>Architaenioglossa</i>
Calliostomatidae – before in	SPF Ampullarioidea
<i>Trochidae</i> .	Ampullariidae
Solariellidae – before in	SPF Cyclophoroidea
<i>Trochidae</i> .	Cyclophoridae
SPF Turbinoidea	Aciculidae
Turbinidae	Craspedopomatidae
Angariidae – Conchology,	Diplommatinidae
Inc. maintains this as	Maizanidae
a family – in B & R	Megalomastomatidae
as a subfamily	Neocyclotidae
<i>Turbinidae</i> .	Pupinidae
Skeneidae – Conchology,	SPF Viviparoidea
Inc. maintains this as	Viviparidae
a family – in B & R	
as a subfamily of	Clade Sorbeconcha
<i>Turbinidae</i>	SPF Cerithioidea
Liotiidae – before often	
called <i>Cyclostre-</i>	
<i>matidae</i> - now well	
defined.	

Cerithiidae**Batillariidae** – formerly in
Cerithiidae.**Dialidae** – formerly in
Cerithiidae.**Diastomatidae****Litiopidae****Melanopsidae****Modulidae****Pachychilidae** – formerly in
Potamididae or
Thiaridae (e.g.
Faunus ater).

Paludomidae

Planaxidae – now also
contains Fossarinae.**Pleuroceridae****Potamididae**

Scaliolidae

Siliquariidae**Thiaridae****Turritellidae** – now also
contains Vermicu-
lariinae.

SPF Campaniloidea

Campanilidae**Ampullinidae****Plesiotrochidae**

Clade Littorinimorpha

SPF Calyptraeidea

Calyptraeidae

SPF Capuloidea

Capulidae

SPF Cingulopsoidea

Cingulopsidae**Eatoniellidae**

Rastodentidae

SPF Cypraeidea

Cypraeidae**Ovulidae** – now contains
Jenneriinae and
Pediculariinae.

SPF Ficoidea

Ficidae

SPF Littorinoidea

Littorinidae – now contains
Lacuninae.**Pickworthiidae****Pomatiidae****Skeneopsidae**

Zerotulidae

SPF Naticoidea

Naticidae

SPF Pterotracheoidea

Pterotracheidae

Atlantidae**Carinariidae**

SPF Rissoidea

Rissoidae**Amnicolidae** – now contains
Baicaliinae.

Anabathridae

Assimineidae**Barleeiidae****Bithyniidae****Caecidae**

Calopiidae

Cochliopidae

Elachisinidae

Emblandidae

Epigridae

Falsicingulidae

Helicostoidae

Hydrobiidae

Hydrococcidae

Iravadiidae**Lithoglyphidae**

Moitessieriidae

Pomatiopsidae**Stenothyridae****Tornidae** – now contains
Vitrinellinae.**Truncatellidae**

SPF Stromboidea

Strombidae**Aporrhaidae****Seraphidae** – Formerly in
Strombidae.
For *Terebellum*.**Struthiolariidae**

SPF Tonnoidea

Cassidae – Conchology,
Inc. maintains this
as a family – in
B & R a subfamily of
Tonnididae.

Tonnidae
Bursidae
Laubierinidae
Personidae
Pisanianuridae – formerly
in Ranellidae.
Ranellidae

SPF Vanikoroidea

Vanikoridae
Haloceratidae
Hipponicidae

SPF Velutinoidea

Velutinidae – now contains
Lamellariinae.
Triviidae – now contains
Eratoinae.

SPF Vermetoidea

Vermetidae

SPF Xenophoroidea

Xenophoridae

“Group” Ptenoglossa

SPF Epitonioidea

Epitoniidae
Janthinidae
Nystiellidae

SPF Eulimoidea

Eulimidae
Aclididae

SPF Triphoroidea

Triphoridae
Cerithiopsidae
Newtoniellidae

Clade Neogastropoda

SPF Buccinoidea

Buccinidae – now contains
Busyconinae.
Colubrariidae – formerly in

Buccinidae.

Columbellidae
Fascioliariidae
Nassariidae
Melongenidae

SPF Muricoidea

Muricidae
Babyloniidae – formerly in
Buccinidae.
Costellariidae
Cysticidae – formerly in
Marginellidae.

Harpidae
Marginellidae
Mitridae
Pleioptygmatidae
Strepsiduridae
Turbinellidae – now
contains
Columbarinae.

Volutidae
Volutomitridae

SPF Olivoidea

Olividae
Olivellidae – formerly in
Olividae.

SPF Pseudolivoidea

Pseudolividae – formerly in
Olividae.

Ptychatractidae

SPF Conoidea

Conidae – now contains
the following
subfamilies that
were formerly in
Turridae: Clathurel-
linae, Conorbinae,
Mangeliinae, Oeno-
potinae & Raphi-
tominae. Conchology,
Inc. will continue
to use “Conidae” as
before and group the
above subfamilies in

Conidae cf.
Clavatulidae – formerly in
Turridae.

	Drilliidae – formerly in Turridae.	Informal group Opisthobranchia
	Pseudomelatomidae – formerly in Turridae.	Clade Cephalaspidea
	Strictispiridae – formerly in Turridae.	SPF Bulloidea
	Terebridae	Bullidae
	Turridae	SPF Diaphanoidea
SPF Cancellarioidea	Cancellariidae	Diaphanidae
		Notodiaphanidae
		SPF Haminoeidea
		Haminoeidae
Clade Heterobranchia		Bullactidae
		Smaragdinellidae
Unassigned to SPF		SPF Philinoidea
Cimidae		Philinidae
Orbistellidae		Aglajidae
Tjaernoeciidae		Cylichnidae
Xylodisculidae		Gastropteridae
SPF Acteonoidea		Philinoglossidae
Acteonidae		Plusculidae
Aplustridae – formerly placed in Hydatinidae.		Retusidae
Bullinidae		SPF Runcinoidea
SPF Architectonicoidea		Runcinidae
Architectonicidae		Ibidae
SPF Glacidorboidea		Clade Thecosomata
Glacidorbidae		SPF Cavolinioidea
SPF Mathildoidea		Cavolinidae
Mathildidae		Limacinidae
SPF Omalogyroidea		SPF Cymbulioidea
Omalogyridae		Cymbulidae
SPF Pyramidelloidea		Desmopteridae
Pyramidellidae		Peraclididae
Amathinidae		
Murchisonellidae		Clade Gymnosomata
SPF Ringiculoidea		SPF Clionoidea
Ringiculidae		Clionidae
SPF Rissoelloidea		Cliopsidae
Rissoellidae		Notobranchidae
SPF Valvatoidea		Pneumodermatidae
Valvatidae		
Cornirostridae		SPF Hydromyloidea
Hyalogyrinidae		Hydromylidae
		Laginiopsidae

Clade Aplysiomorpha

SPF Aplysioidea

Aplysiidae

SPF Akerioidea

Akeridae

“Group” Acochliidae

SPF Acochliidoidea

Acochliidae

SPF Hedylopoidea

Hedylopsidae

Ganitidae

Livorniellidae

Minicheviellidae

Parhedyliidae

Tantulida

SPF Palliohedyloidea

Palliohedyliidae

SPF Strubellioidea

Strubelliidae

Pseudunelidae

Clade Sacoglossa

Subclade Oxynoacea

SPF Oxynooidea

Oxynoidae**Juliidae**

Volvatellidae

Subclade Placobranchea

SPF Placobranchoidea

Placobranchidae

Boselliidae

Platyhedyliidae

SPF Limapontioidea

Limapontiidae

Caliphyllidae

Hermaeidae

“Group” Cyndrobullida

SPF Cyndrobulloidea

Cyndrobullidae

Clade Umbraculida

SPF Umbraculoidea

Umbraculidae**Tylodinidae**

Clade Nudipleura

Subclade Pleurobranchomorpha

SPF Pleurobrancoidea

Pleurobranchidae

Subclade Nudibranchia

Unassigned SPF

Rhodopidae

Clade Euctenidiacea

Subclade Gnathodoridacea

SPF Bathydoridoidea

Bathydorididae

Subclade Doridacea

SPF Doridoidea

Dorididae

Actinocyclusidae

Chromodorididae

Discodorididae

SPF Phyllidoidea

Phyllidiidae

Dendrodorididae

Mandeliidae

SPF Onchidoridoidea

Onchidorididae

Corambidae

Goniodorididae

SPF Polyceroidea

Polyceridae

Aegiretidae

Gymnodorididae

Hexabranthidae

Okadaidae

Clade Nudibranchia Dexiarchia

Clade Pseudoeuctenidiacea

SPF Doridoxoidea	Doridoxidae	SPF Aeolidioidea	Aeolidiidae
Clade Cladobranchia			Facelinidae
			Glaucidae
			Piseinotecidae
Unassigned SPF		Informal Group Pulmonata	
Charcotiidae		Informal Group Basommatophora	
Dironidae			
Dotidae		SPF Amphiboloidea	Amphibulidae
Embletoniidae		SPF Siphonarioidea	Siphonariidae
Goniaeolididae			
Heroidae		Clade Hygrophila	
Madrellidae			
Pinufiidae		SPF Chilinoidea	Chilinidae
Proctonotidae			Latiidae
Subclade Euarminida		SPF Acroloxoidea	Acroloxidae
SPF Arminoidea		SPF Lymnaeoidea	Lymnaeidae
Arminidae		SPF Planorboidea	Planorbidae
Doridomorphidae			Physidae
Subclade Dendronotida		Clade Eupulmonata	
SPF Tritonioidea		SPF Trimusculoidea	Trimusculidae
Tritoniidae		SPF Otinoidea	Otinidae
Aranucidae			Smeagolidae
Bornellidae		SPF Ellobioidea	Ellobiidae
Dendronotidae			
Hancockiidae		Clade Systellommatophora	
Lomanotidae		SPF Onchidioidea	Onchidiidae
Phylliroidae		SPF Veronicelloidea	Veronicellidae
Scyllaeidae			Rathousiidae
Tethyidae			
Subclade Aeolidida			
SPF Flabellinoidea			
Flabellinidae			
Notaeolidiidae			
SPF Fionoidea			
Fionidae			
Calmidae			
Eubranchidae			
Pseudovermidae			
Tergipedidae			

Clade Stylommatophora

Subclade Elasmognatha

SPF Succineoidea

Succineidae

SPF Athoracophoroidea

Athoracophoridae

Subclade Orthurethra

SPF Partuloidea

Partulidae**Draparnaudiidae**

SPF Achatinelloidea

Achatinellidae

SPF Cochlicopoidea

Cochlicopidae**Amastridae**

SPF Pupilloidea

Pupillidae**Argnidae****Chondrinidae****Lauriidae****Orculidae****Pleurodiscidae****Pyramidulidae****Spelaeoconchidae****Spelaeodiscidae****Strobilopsidae****Valloniidae****Vertiginidae**

SPF Enoidea

Enidae**Cerastidae**

Informal Group Sigmurethra

SPF Clausilioidea

Clausiliidae

SPF Orthalicoidea

Orthalicidae**Cerionidae****Coelociontidae****Megaspiridae****Placostylidae****Urocoptidae**

SPF Achatinoidea

Achatinidae**Ferussaciidae****Micractaeonidae****Subulinidae**

SPF Aillyoidea

Aillyiidae

SPF Testacelloidea

Testacellidae

Oleacinidae

Spiraxidae

SPF Papillodermatoidea

Papillodermatidae

SPF Streptaxoidea

Streptaxidae

SPF Rhytidoidea

Rhytididae**Chlamydephoridae****Haplotrematidae****Scolodontidae**

SPF Acavoidea

Acavidae**Caryodidae****Dorcasiidae****Macrocyclidae****Megomphicidae****Strophocheilidae**

SPF Plectopyloidea

Plectopylidae

Corillidae

Sculptariidae

SPF Punctoidea

Punctidae**Charopidae****Cystopeltidae****Discidae****Endodontidae****Helicodiscidae****Oreohelicidae****Thyrophorellidae**

SPF Sagdoidea

Sagdidae

“Limacoid” clade

SPF Staffordioidea

Staffordiidae

SPF Dyakioidea

Dyakiidae

SPF Gastrodontoidea

Chronidae**Euconulidae****Oxychilidae****Pristilomatidae****Trochomorphidae**

SPF Parmacelloidea

Parmacellidae

Milacidae

Trigonochlamydidae

SPF Zonitoidea

Zonitidae

SPF Helicarionoidea

Helicarionidae

Ariophantidae

Urocyclidae

SPF Limacoidea

Limacidae

Agriolimacidae

Boettgerillidae

Vitrinidae

SPF Arionoidea

Arionidae

Anadenidae

Ariolimacidae

Binneyidae

Oopeltidae

Philomycidae

SPF Helicoidea

Helicidae**Bradybaenidae****Camaenidae****Cepolidae****Cochlicellidae****Elonidae****Epiphragmophoridae****Halolimnohelicidae****Helicodontidae****Helminthoglyptidae****Humboldtianidae****Hygromiidae****Monadeniidae****Pleurodontidae****Polygyridae****Sphincterochilidae****Thysanophoridae****Trissexodontidae****Xanthonychidae**

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*S*UBMISSION OF ARTICLES

All Authors Are Invited

All conchological/malacological authors are invited to place their articles here. The net is a very visual medium, and numerous digital (scanned) photographs are welcome. We have the space and technology to serve thousands of viewers. When our article is online, we will instantly inform our 3,000 registered members. No paper journal today can match this number of readers. We propose our help for photography of specimens if needed. For details you may email dulce@conchology.be



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