

# WMSDB - Worldwide Mollusc Species Data Base

---



## Family: COCHLESPIRIDAE

---

Author: Claudio Galli - [claudio@bagniliggia.it](mailto:claudio@bagniliggia.it) (updated 07/set/2015)

---

Class: **GASTROPODA**

--- Clade: **CAENOGASTROPODA-HYPSOGASTROPODA-NEOGASTROPODA-CONOIDEA**

----- Family: **COCHLESPIRIDAE** Powell, 1942 (Sea)

- Alphabetic order - when **first name** is in bold the species has images  
Taxa=104, Genus=12, Subgenus=1, Species=50, Subspecies=7, Synonyms=33, Images=30

- **abyssalis**, [Aforia abyssalis](#) A.V. Sysoev & Y.I. Kantor, 1987
- alaskana, [Steiraxis aulaca alaskana](#) A.V. Sysoev & Y.I. Kantor, 1987
- **archibenthalis**, *Sibogasyrinx archibenthalis* A.W.B. Powell, 1969 - syn of: [Leucosyrinx archibenthalis](#) A.W.B. Powell, 1969
- **aulaca**, [Steiraxis aulaca](#) (W.H. Dall, 1896)
- aulaca alaskana, [Steiraxis aulaca alaskana](#) A.V. Sysoev & Y.I. Kantor, 1987
- **australis**, [Nihonia australis](#) (A.F.P.M. de Roissy, 1805)
- beuteli, [Cochlespira beuteli](#) A.W.B. Powell, 1969
- bevdeynzeriae, [Cochlespira bevdeynzeriae](#) E.F. Garcia, 2010
- blanca, [Aforia persimilis blanca](#) (W.H. Dall, 1919)
- **cathedralis**, *Cochlespira cathedralis* W.H. Dall, 1878 - syn of: [Cochlespira elegans](#) (W.H. Dall, 1881)
- cavalier, [Cochlespira cavalier](#) E.F. Garcia, 2010
- **cedonulli**, [Cochlespira cedonulli](#) (L.A. Reeve, 1843)
- **chosenensis**, *Aforia chosenensis* P. Bartsch, 1945 - syn of: [Aforia insignis](#) (J.G. Jeffreys, 1883)
- **circinata**, [Aforia circinata](#) (W.H. Dall, 1873)
- **circumstricta**, [Nihonia circumstricta](#) (E.C. Von Martens, 1901)
- clara, *Aforia clara* E.C. Von Martens, 1881 - syn of: [Aforia goniodes](#) (R.B. Watson, 1881)
- clytotropis, [Ancistrosyrinx clytotropis](#) (E.R. Sykes, 1906)
- **crebristriata**, [Aforia crebristriata](#) (W.H. Dall, 1908)
- **crebristriata**, *Irenosyrinx crebristriata* W.H. Dall, 1908 - syn of: [Aforia crebristriata](#) (W.H. Dall, 1908)
- **crispulata**, [Cochlespira crispulata](#) (E.C. Von Martens, 1901)
- cubana, [Cochlespira radiata cubana](#) W.J. Clench & C.G. Aguayo, 1940
- denticulosa, *Cochlespira denticulosa* E.C. Von Martens, 1903 - syn of: [Cochlespira crispulata](#) (E.C. Von Martens, 1901)
- **diomedea**, *Aforia diomedea* P. Bartsch, 1945 - syn of: [Aforia circinata](#) (W.H. Dall, 1873)
- **elegans**, [Cochlespira elegans](#) (W.H. Dall, 1881)
- **elena**, *Danilacarina elena* L. Bozzetti, 1997 - syn of: [Aforia multispiralis](#) R.K. Dell, 1990
- **elongata**, [Cochlespira elongata](#) L.R.L. Simone, 1999
- engonata, [Cochlespira engonata](#) (T.A. Conrad, 1865)
- **fossata**, [Cochlespira pulchella fossata](#) A.W.B. Powell, 1969
- **goniodes**, [Aforia goniodes](#) (R.B. Watson, 1881)
- **gonioides**, *Aforia gonioides* R.B. Watson, 1881 - syn of: [Aforia goniodes](#) (R.B. Watson, 1881)
- **gonoides**, *Aforia gonoides* R.B. Watson, 1881 - syn of: [Aforia goniodes](#) (R.B. Watson, 1881)
- **goodei**, [Aforia goodei](#) (W.H. Dall, 1890)
- granulata, [Pagodasyrinx granulata](#) (E.A. Smith, 1896)
- **hondoana**, *Aforia hondoana* W.H. Dall, 1925 - syn of: [Aforia circinata](#) (W.H. Dall, 1873)
- **hypomela**, *Irenosyrinx hypomela* (W.H. Dall, 1889) - syn of: [Aforia hypomela](#) (W.H. Dall, 1889)
- **hypomela**, [Aforia hypomela](#) (W.H. Dall, 1889)
- **indomaris**, *Dallaforia indomaris* A.V. Sysoev & Y.I. Kantor, 1988 - syn of: [Aforia indomaris](#) A.V. Sysoev & Y.I. Kantor, 1988
- **indomaris**, [Aforia indomaris](#) A.V. Sysoev & Y.I. Kantor, 1988
- **inoperculata**, [Aforia inoperculata](#) A.V. Sysoev & Y.I. Kantor, 1988
- **insignis**, [Aforia insignis](#) (J.G. Jeffreys, 1883)
- **japonica**, *Aforia japonica* P. Bartsch, 1945 - syn of: [Aforia circinata](#) (W.H. Dall, 1873)
- **kincaidi**, [Aforia kincaidi](#) (W.H. Dall, 1919)
- **kinkaidi**, *Aforia kinkaidi* W.H. Dall, 1919 - syn of: [Aforia kincaidi](#) (W.H. Dall, 1919)
- kupriyanovi, [Aforia kupriyanovi](#) A.V. Sysoev & Y.I. Kantor, 1987
- **kuroharai**, [Cochlespira kuroharai](#) (J.T. Kuroda, 1959)
- laurettamarrae, [Cochlespira laurettamarrae](#) E.F. Garcia, 2010
- leeana, [Cochlespira leeana](#) E.F. Garcia, 2010
- **lepta**, [Aforia lepta](#) (R.B. Watson, 1881)
- **magnifica**, [Aforia magnifica](#) (H. Strebel, 1908)
- **maxima**, [Nihonia maxima](#) A.V. Sysoev, 1997
- **mirabilis**, [Nihonia mirabilis](#) (G.B. III Sowerby, 1914)
- **mirabilis takanabensis**, [Nihonia mirabilis takanabensis](#) Y. Otuka, 1959
- **moskalevi**, [Aforia moskalevi](#) A.V. Sysoev & Y.I. Kantor, 1987
- **multispiralis**, [Aforia multispiralis](#) R.K. Dell, 1990
- **okhotensis**, *Aforia okhotensis* P. Bartsch, 1945 - syn of: [Aforia circinata](#) (W.H. Dall, 1873)
- **okhotskensis**, *Aforia okhotskensis* P. Bartsch, 1945 - syn of: [Aforia circinata](#) (W.H. Dall, 1873)
- **osawanoensis**, [Cochlespira osawanoensis](#) K. Tsuda, 1959

- persimilis, [Aforia persimilis](#) (W.H. Dall, 1890)
  - persimilis blanca, [Aforia persimilis blanca](#) (W.H. Dall, 1919)
  - pulchella, [Cochlespira pulchella](#) (M.M. Schepman, 1913)
  - pulchella, [Cochlespira pulchella](#) A.W.B. Powell, 1969 - syn of: [Cochlespira pulchella semipolita](#) A.W.B. Powell, 1969
  - pulchella fossata, [Cochlespira pulchella fossata](#) A.W.B. Powell, 1969
  - pulchella pulcherrissima, [Cochlespira pulchella pulcherrissima](#) (T. Kira, 1955) - syn of: [Cochlespira pulcherrissima](#) (T. Kira, 1955)
  - pulchella semipolita, [Cochlespira pulchella semipolita](#) A.W.B. Powell, 1969
  - pulcherrissima, [Cochlespira pulcherrissima](#) (T. Kira, 1955)
  - pulcherrissima, [Cochlespira pulcherrissima](#) T. Kira, 1955 - syn of: [Cochlespira pulcherrissima](#) (T. Kira, 1955)
  - radiata, [Cochlespira radiata](#) (W.H. Dall, 1889)
  - radiata cubana, [Cochlespira radiata cubana](#) W.J. Clench & C.G. Aguayo, 1940
  - sakhalinensis, [Aforia sakhalinensis](#) P. Bartsch, 1945 - syn of: [Aforia circinata](#) (W.H. Dall, 1873)
  - schepmani, [Clavosurcula schepmani](#) A.V. Sysoev, 1997
  - semipolita, [Cochlespira pulchella semipolita](#) A.W.B. Powell, 1969
  - serranoi, [Aforia serranoi](#) S. Gofas, Y.I. Kantor & A.A. Luque, 2014
  - shimajiriensis, [Nihonia shimajiriensis](#) F.S. MacNeil, 1960
  - sibogae, [Clavosurcula sibogae](#) M.M. Schepman, 1913
  - sibukoensis, [Apiotoma tibiaformis sibukoensis](#) (A.W.B. Powell, 1969)
  - simillima, [Cochlespira simillima](#) A.W.B. Powell, 1969
  - soyomaruæ, [Nihonia soyomaruæ](#) Y. Otuka, 1959 - syn of: [Nihonia mirabilis](#) (G.B. III Sowerby, 1914)
  - staminea, [Aforia staminea](#) (R.B. Watson, 1881)
  - takabanarensis, [Cochlespira takabanarensis](#) F.S. MacNeil, 1960
  - takanabensis, [Nihonia mirabilis takanabensis](#) Y. Otuka, 1959
  - tasmanica, [Abyssaforia tasmanica](#) A.V. Sysoev & Y.I. Kantor, 1988 - syn of: [Aforia tasmanica](#) A.V. Sysoev & Y.I. Kantor, 1988
  - tasmanica, [Aforia tasmanica](#) A.V. Sysoev & Y.I. Kantor, 1988
  - tenerrima, [Irenosyrinx tenerrima](#) É.A.A. Locard, 1897 ex H. Fischer MS - syn of: [Aforia hypomela](#) (W.H. Dall, 1889)
  - tibiaeformis, [Apiotoma tibiaeformis](#) A.W.B. Powell, 1969 - syn of: [Apiotoma tibiaformis](#) A.W.B. Powell, 1969
  - tibiaformis, [Apiotoma tibiaformis](#) A.W.B. Powell, 1969
  - tibiaformis sibukoensis, [Apiotoma tibiaformis sibukoensis](#) (A.W.B. Powell, 1969)
  - travancorica, [Cochlespira travancorica](#) (E.A. Smith, 1896)
  - travancorica granulata, [Pagodasyrinx travancorica granulata](#) (E.A. Smith, 1896) - syn of: [Pagodasyrinx granulata](#) (E.A. Smith, 1896)
  - triliix, [Aforia triliix](#) (R.B. Watson, 1881)
  - zanzibarica, [Cochlespira zanzibarica](#) A.V. Sysoev, 1996
-



Class: GASTROPODA

--- Clade: CAENOGASTROPODA-HYPSOGASTROPODA-NEOGASTROPODA-CONOIDEA

----- Family: COCHLESPIRIDAE Powell, 1942

Habitat= Sea, Taxonomic order

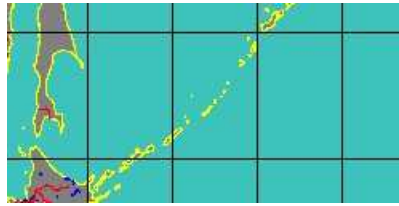
Taxa=104, Genus=12, Subgenus=1, Species=50, Subspecies=7, Synonyms=33, Images=30

Genus: **Aforia** W.H. Dall, 1889 (syn: Danilacarina - 20 SP, 12 IMG)



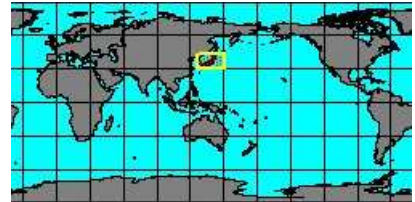
534600001  
**Aforia  
abyssalis**

A.V. Sysøev & Y.I. Kantor, 1987  
Kuril Islands



2114150005  
**Aforia  
circinata**

(W.H. Dall, 1873)  
Japan  
76 mm



**synonyms:**

- Leucosyrinx circinata W.H. Dall, 1873
- Aforia diomedea P. Bartsch, 1945
- Turricula hondoana W.H. Dall, 1925
- Aforia japonica P. Bartsch, 1945
- Pleurotoma nojimensis M. Yokoyama, 1920
- Aforia okhotskensis P. Bartsch, 1945
- Aforia sakhalinensis P. Bartsch, 1945

- Pleurotoma circinata W.H. Dall, 1873
- Aforia hondoana W.H. Dall, 1925
- Pleurotoma insignis J.G. Jeffreys, 1883
- Leucosyrinx minatoensis Y. Otuka, 1959
- Aforia okhotensis P. Bartsch, 1945
- Leucosyrinx otohime H. Ozaki, 1958



2115505260  
**Aforia  
crebristriata**

(W.H. Dall, 1908)  
Alaska, Stka



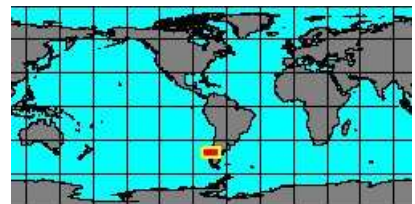
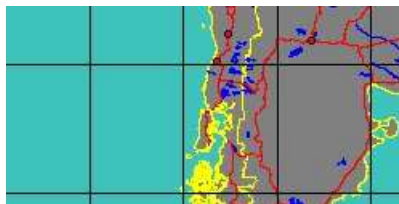
**synonyms:**

- Irenosyrinx crebristriata W.H. Dall, 1908



2113250010  
**Aforia  
goniodes**

(R.B. Watson, 1881)  
Chile, Ancud  
65,7 mm



**synonyms:**

- Aforia clara E.C. Von Martens, 1881
- Aforia gonioides R.B. Watson, 1881

- Pleurotoma goniodes R.B. Watson, 1881
- Aforia gonioides R.B. Watson, 1881



2113250000  
**Aforia  
goodei**

(W.H. Dall, 1890)

No Georeferenced data available

**synonyms:**

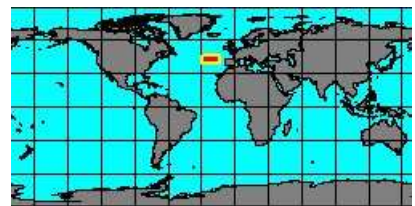
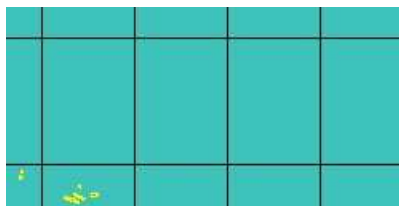
- Leucosyrinx goodei W.H. Dall, 1890

- Pleurotoma goodei W.H. Dall, 1890



2128600000  
**Aforia  
hypomela**

(W.H. Dall, 1889)  
42°19'N 21°16'W  
42,5 mm



**synonyms:**

- Irenosyrinx hypomela (W.H. Dall, 1889)
- Surcula tenerrima É.A.A. Locard, 1897 ex H. Fischer MS

- Mangela hypomela W.H. Dall, 1889
- Irenosyrinx tenerrima É.A.A. Locard, 1897 ex H. Fischer MS

no  
IMAGES  
available

2115505310  
**Aforia**  
**indomaris**

A.V. Sysoev & Y.I. Kantor, 1988

No Georeferenced data available

**synonyms:**

- *Dalaforia indomaris* A.V. Sysoev & Y.I. Kantor, 1988

no  
IMAGES  
available

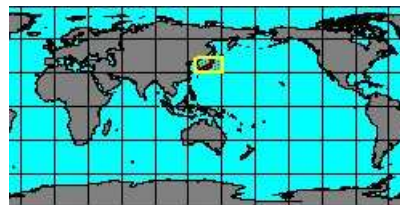
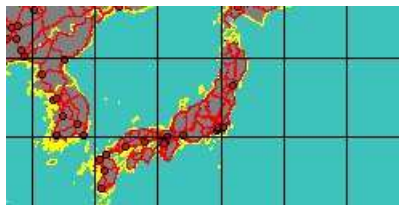
2115505320  
**Aforia**  
**inoperculata**

A.V. Sysoev & Y.I. Kantor, 1988

No Georeferenced data available



2115505330  
**Aforia**  
**insignis**  
(J.G. Jeffreys, 1883)  
Japan  
44,7 mm

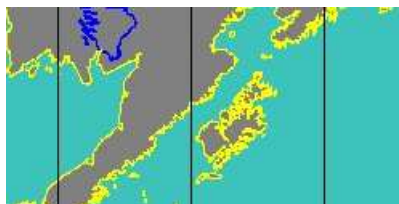


**synonyms:**

- *Aforia chosenensis* P. Bartsch, 1945



2114150015  
**Aforia**  
**kinkaidi**  
(W.H. Dall, 1919)  
Shelkoff Strait, Alaska



**synonyms:**

- *Leucosyrinx kinkaidi* W.H. Dall, 1919

- *Aforia kinkaidi* W.H. Dall, 1919

no  
IMAGES  
available

2115505350  
**Aforia**  
**kupriyanovi**

A.V. Sysoev & Y.I. Kantor, 1987

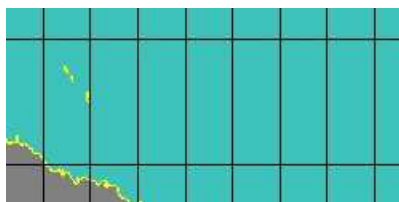
No Georeferenced data available



5346000006  
**Aforia**  
**leptota**  
(R.B. Watson, 1881)  
Antarctic Peninsula



2115505360  
**Aforia**  
**magnifica**  
(H. Strebel, 1908)  
Ross Sea  
57 mm



no  
IMAGES  
available

2115505370  
**Aforia**  
**moskalevi**

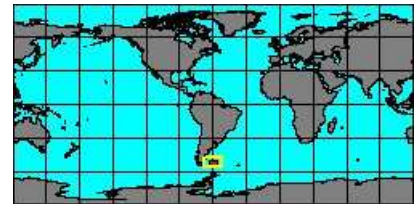
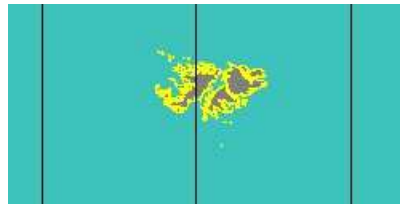
A.V. Sysoev & Y.I. Kantor, 1987

Southwest Pacific

No Georeferenced data available



2115505380  
**Aforia multispiralis**  
 R.K. Dell, 1990  
 Falkland Islands  
 73 mm



**synonyms:**

- *Danilacarina elenae* L. Bozzetti, 1997



5346000008  
**Aforia persimilis**  
 (W.H. Dall, 1890)

No Georeferenced data available

**synonyms:**

- *Leucosyrinx goodiei persimilis* W.H. Dall, 1890

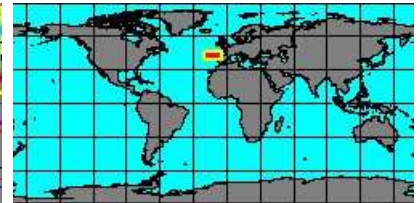
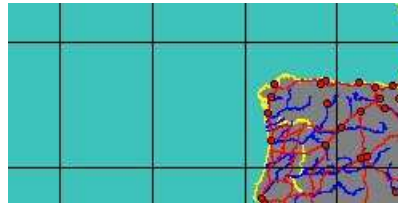


5346000007  
**Aforia persimilis blanca**  
 (W.H. Dall, 1919)

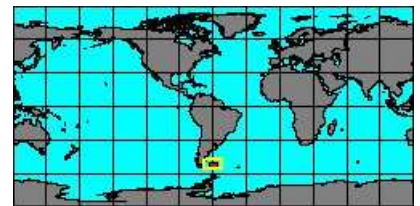
No Georeferenced data available



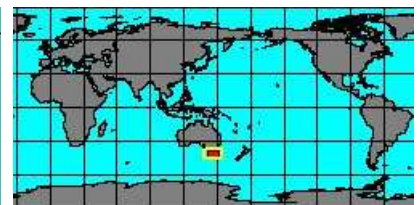
5346000010  
**Aforia serranoi**  
 S. Gofas, Y.I. Kantor & A.A. Luque, 2014  
 Galicia bank



2115505390  
**Aforia staminea**  
 (R.B. Watson, 1881)  
 Falkland Islands  
 36 mm



5346000002  
**Aforia tasmanica**  
 A.V. Sysoev & Y.I. Kantor, 1988  
 Tasmania



**synonyms:**

- *Abyssaforia tasmanica* A.V. Sysoev & Y.I. Kantor, 1988



2115505400  
**Aforia trilix**  
 (R.B. Watson, 1881)  
 Antarctica

No Georeferenced data available

**Genus: Ancistrosyrinx** W.H. Dal, 1881 (1 SP, 0 IMG)



2140012857  
**Ancistrosyrinx clytotropis**  
 (E.R. Sykes, 1906)

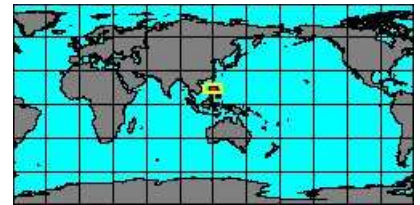
No Georeferenced data available



**Genus: Apiotoma** A.E.M. Cossmann, 1889 (1 SP, 1 IMG)



2115505720  
**Apiotoma tibiaformis**  
A.W.B. Powell, 1969  
Philippines, Lubang Island



**synonyms:**

- *Apiotoma tibiaformis* A.W.B. Powell, 1969



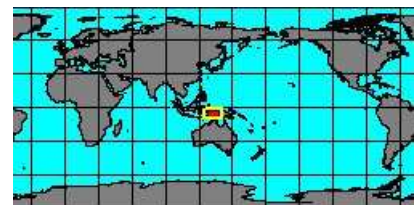
2140012709  
**Apiotoma tibiaformis sibukoensis**  
(A.W.B. Powell, 1969)

No Georeferenced data available

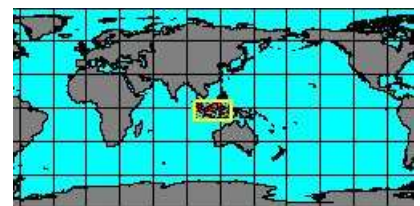
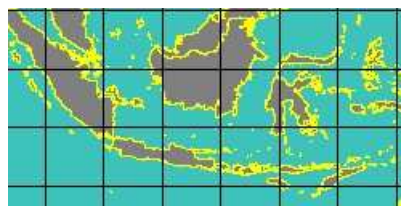
**Genus: Clavosurcula** M.M. Schepman, 1913 (2 SP, 1 IMG)



2115505920  
**Clavosurcula schepmani**  
A.V. Sysoev, 1997  
Indonesia, Kai Island  
25,4 mm



2115511230  
**Clavosurcula sibogae**  
M.M. Schepman, 1913  
Indonesia



**Genus: Cochlespira** T.A. Conrad, 1865 (syn: Candelabrum, Coronasyrinx, Pagodasyrinx, Rouaultia - 20 SP, 11 IMG)



2113904020  
**Cochlespira beuteli**  
A.W.B. Powell, 1969  
New South Wales



2140012891  
**Cochlespira bevdeynzerae**  
E.F. García, 2010  
Colombia



2140012892  
**Cochlespira cavalier**  
E.F. García, 2010  
Florida



2113900000  
**Cochlespira cedonulli**  
(L.A. Reeve, 1843)  
Guaymas Sonora, Mexico  
22,8 mm





2115507850  
**Cochlespira  
crispulata**  
(E.C. Von Martens, 1901)

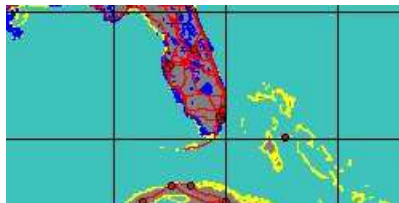
No Georeferenced data available

**synonyms:**

- *Cochlespira denticulosa* E.C. Von Martens, 1903



2113900005  
**Cochlespira  
elegans**  
(W.H. Dall, 1881)  
  
Florida  
45,2 mm



**synonyms:**

- *Cochlespira cathedrals* W.H. Dall, 1878



2113904015  
**Cochlespira  
elongata**  
L.R.L. Simone, 1999  
  
Panama East  
33 mm



2115505930  
**Cochlespira  
engonata**  
(T.A. Conrad, 1865)

No Georeferenced data available

to be checked



2115505960  
**Cochlespira  
granulata**  
(E.A. Smith, 1896)  
  
India

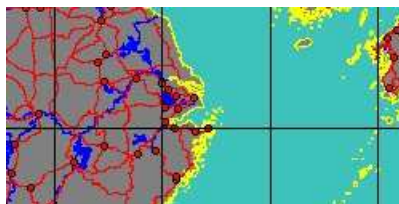


**synonyms:**

- *Pagodasyrinx travancorica granulata* (E.A. Smith, 1896)



2113904025  
**Cochlespira  
kuroharai**  
(J.T. Kuroda, 1959)  
  
East China Sea  
25,7 mm



2140012893  
**Cochlespira  
laurettamarrae**  
E.F. García, 2010  
  
Panama, Los Santos Peninsula



2140012895  
**Cochlespira  
leeana**  
E.F. García, 2010  
  
Guajira Peninsula, Colombia

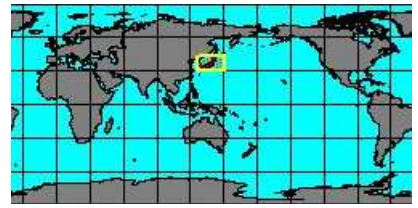
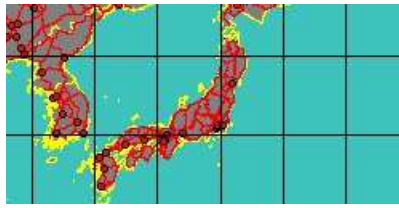






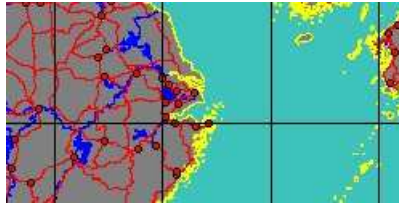
2115512620  
**Cochlespira  
osawanoensis**

K. Tsuda, 1959  
Japan



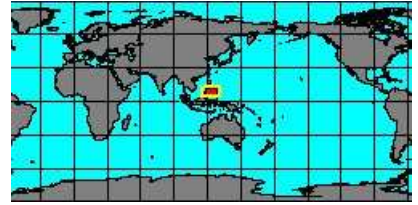
2113904030  
**Cochlespira  
pulchella**  
(M.M. Schepman, 1913)

East China Sea  
34 mm



2113904000  
**Cochlespira  
pulchella  
fossata**  
A.W.B. Powell, 1969

Philippines, Aliguay Island  
26 mm



2115505950  
**Cochlespira  
pulchella  
semipolita**  
A.W.B. Powell, 1969

Philippines, Aliguay Island  
30 mm



**synonyms:**

- Cochlespira pulchella A.W.B. Powell, 1969



2113904005  
**Cochlespira  
pulcherrissima**

(T. Kira, 1955)  
East China Sea  
34 mm



**synonyms:**

- Cochlespira pulchella pulcherrissima (T. Kira, 1955)

- Cochlespira pulcherrissima T. Kira, 1955



2113900010  
**Cochlespira  
radiata**

(W.H. Dall, 1889)  
Panama East  
28 mm



2115505440  
**Cochlespira  
radiata  
cubana**  
W.J. Clench & C.G. Aguayo, 1940  
West Indies



2113904050  
**Cochlespira  
simillima**

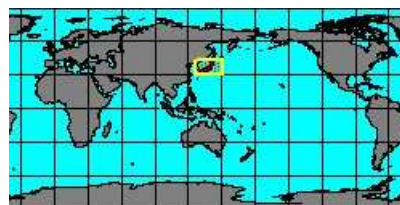
A.W.B. Powell, 1969  
Madagascar, Majenga  
40,2 mm



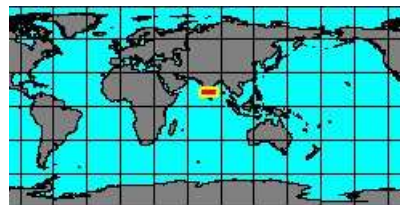




2115512650  
**Cochlespira takabanensis**  
F.S. MacNeil, 1960  
Japan



2113904010  
**Cochlespira travancorica**  
(E.A. Smith, 1896)  
Tuticorin, India  
25 mm



2115505970  
**Cochlespira zanzibarica**  
A.V. Sysoev, 1996  
Zanzibar Island



**Genus: Nihonia** F.S. MacNeil, 1960 (5 SP, 4 IMG)



2115504040  
**Nihonia australis**  
(A.F.P.M. de Roissy, 1805)  
South China Sea  
105 mm



**synonyms:**

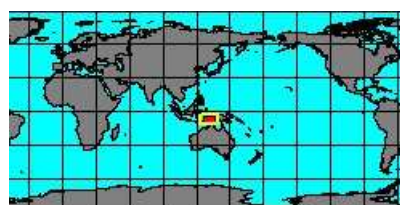
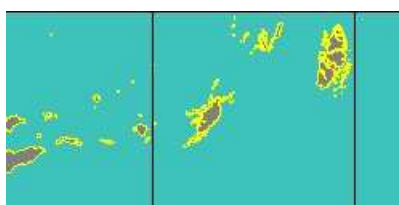
- *Surcula australis* A.F.P.M. de Roissy, 1805
- *Murex javanus* L.W. Dilwyn, 1817
- *Pleurotoma australis* A.F.P.M. de Roissy, 1805
- *Pleurotoma turris* A. Valenciennes, 1846



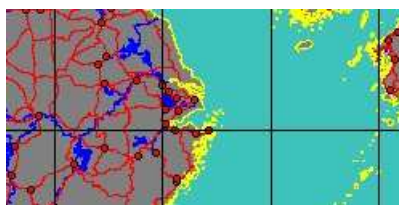
2113954200  
**Nihonia circumstricta**  
(E.C. Von Martens, 1901)  
Tanzania  
71,6 mm



2115508490  
**Nihonia maxima**  
A.V. Sysoev, 1997  
Indonesia, Tanimbar Islands  
128 mm



2115508500  
**Nihonia mirabilis**  
(G.B. III Sowerby, 1914)  
East China Sea  
86,6 mm

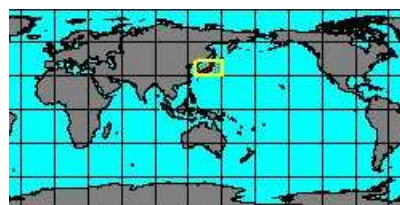
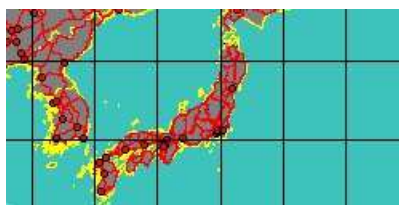


**synonyms:**

- *Pleurotoma mirabilis* G.B. III Sowerby, 1914
- *Nihonia soyomaruae* Y. Otuka, 1959

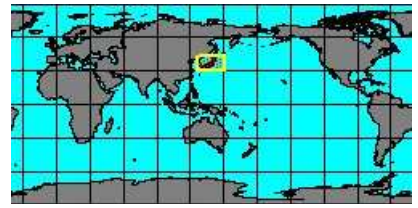
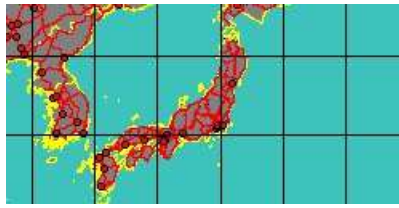


2115513080  
**Nihonia mirabilis takanabensis**  
Y. Otuka, 1959  
Japan





2115513070  
**Nihonia**  
**shimajiriensis**  
F.S. MacNeil, 1960  
Japan



**Genus: Steiraxis** W.H. Dall, 1896 (1 SP, 1 IMG)



2115505230  
**Steiraxis**  
**aulaca**  
(W.H. Dall, 1896)  
Mexico, Acapulco



2115505220  
**Steiraxis**  
**aulaca**  
**alaskana**  
A.V. Sysoev & Y.I. Kantor, 1987

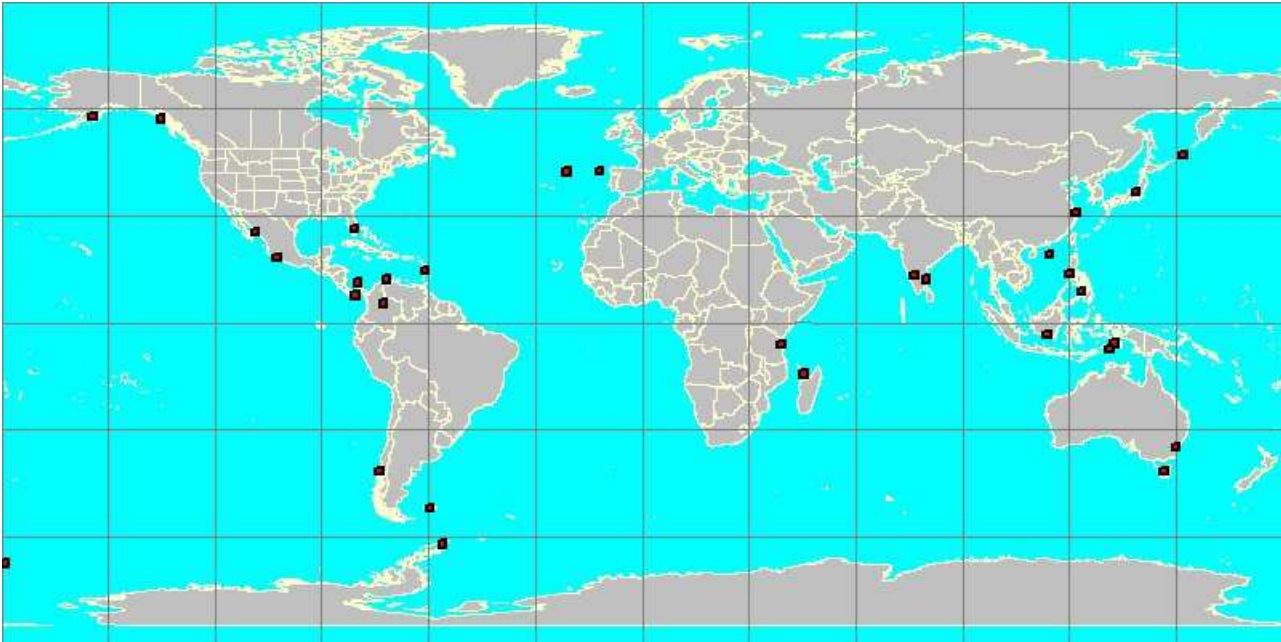
No Georeferenced data available



---

## Family: COCHLESPIRIDAE

---



red squares show where each species has been georeferenced

each square has a size of 2 degrees

an interactive version of this image can be accessed at

<http://www.bagniliggia.it/WMSD/FamilyMap/COCHLESPIRIDAEmap.htm>

please note that this is not the complete coverage of this family

the Data Base is not exhaustive and only one specimen per species has been georeferenced

this map is only the graphic summary of the WMSDB Data Base up to now

the total number of georeferenced species in this map is: 44 from a total of 57