

古生物形態標本資料集

YujiSode

[無料で読める本](#)

本書の目的は生物の形態標本を利用・複製・改変・再配布可能な状態の画像で記録する事です。

およそ46億年の地球史の過程で生物は多様な形態を得てきました。

生物の形態的多様性はアイディアのヒントとなると思います。

本書の標本写真や図は生物学的な教育目的や研究目的だけでなく、その他の用途にも利用可能です（例えは画像解析、デザイン、アート、etc.）。

"Morphological collection in Paleobiology"

The purpose of this book is to document morphological specimens of living organisms in images that can be used, copied, modified, and redistributed.

Over 4.6 billion-year history of the Earth, lives have varied in forms.

The morphological biodiversity can be a source of ideas.

The photographs and diagrams in this book can be used for biological education, research, and other purposes (e.g., image analysis, design, art, etc.).

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Author



YujiSode

興味のある分野はJavaScript, Tcl, 数学, 地質学, 生物学などです。

[フォロー](#)



¥0 今すぐ読む

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AA

Introduction

 YujiSode
2023.03.29に更新

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"古生物形態標本資料集"

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主な読者としては以下を想定しています：

1. 学術的に形態情報を集めている人
2. アイディアのために生物の形を参考にしたい人
3. 壱類や化石の写真が好きな人

"Morphological collection in Paleobiology"

The purpose of this book is to document morphological specimens of living organisms in images that can be used, copied, modified, and redistributed.

Over 4.6 billion-year history of the Earth, lives have varied in forms.

The morphological biodiversity can be a source of ideas.

The photographs and diagrams in this book can be used for biological education, research, and other purposes (e.g., image analysis, design, art, etc.).

This book was written assuming following readers:

1. those who are collecting morphological information for academic study.
2. those who need various biological form samples to create ideas.
3. those who like to see pictures of shells or fossils.

本書の形態学的コレクションが研究や学習だけでなく創作活動の助けになる事を願います。

この科学コレクションは愛媛大学における研究及び学習の過程（2007-2018）で収集されたものです。

I hope morphological collection in this book helps not only studies but also creative activities.

This scientific collection has been collected while studying at Ehime University (2007-2018).

Yuji Sode

以下のリポジトリより本書の標本写真や図をダウンロード出来ます：

The photographs and diagrams in this book are available at following repository:

YujiSODE / YSCollection07_18

This scientific collection was made by Yuji Sode. The collection has been collected while his studying at ...

☆ 2

Morphological collection in Paleobiology

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Change log

- Released: [2.0.0] - 2023-03-29
- Released: [1.0.0] - 2022-10-06

NEXT

Phylum Mollusca Class Gastropoda 軟体動物門 腹足綱

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2023.03.29に更新

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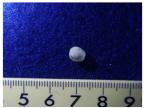
Phylum Mollusca 軟体動物門**Class Gastropoda 腹足綱****Order Cephalaspidea 頭楯目**Genus *Avellana**Avellana* sp.

Figure mgs-1.



Figure mgs-2.



Figure mgs-3.

Order Littorinimorpha タマキビ型新生腹足目Genus *Serpulorbis**Serpulorbis imbricatus*

Figure mgs-4.



Figure mgs-5.



Figure mgs-6.



Figure mgs-7.

Body of *Serpulorbis imbricatus*

Figure mgs-8.



Figure mgs-9.

Genus *Tonna**Tonna* cf. *luteostoma*

Figure mgs-10.



Figure mgs-11.



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Phylum Mollusca 軟体動物門

Class Bivalvia 二枚貝綱

Subclass Protobranchia 原鰓亞綱

Genus *Acila*
Acila aff. hokkaidoensis

Figure mbv-1.

Subclass Palaeoheterodonta 古異齒亞綱

Genus *Apotriponia*
aff. *Apotriponia* sp.

Figure mbv-2.



Figure mbv-3.

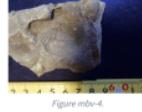


Figure mbv-4.

Subclass Pteriomorpha 翼型亞綱

Genus *Inoceramus*
Inoceramus elegans

Figure mbv-5.

Inoceramus exensis

Figure mbv-6.

Inoceramus naumannii

Figure mbv-7.



Figure mbv-8.



Figure mbv-9.

Inoceramus aff. orientalis orientalis

Figure mbv-10.

Genus *Nanonavis*
aff. *Nanonavis* sp.

Figure mbv-11.

Tetragonites glaber and *Nanonavis sachalinensis*

Figure mbv-12.



Figure mbv-13.



Figure mbv-14.

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Gastropoda 軟体動物門 腹足綱

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Phylum Mollusca Class Cephalopoda 軟体動物門 頭足綱

Yujisode
2022.10.06に更新

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Phylum Mollusca 軟体動物門

Class Cephalopoda 頭足綱

▲

Subclass Ammonoidea アンモナイト亜綱

Genus *Baculites*

Baculites tanakae



Figure mcp-1.

Baculites aff. tanakae



Figure mcp-2.

Baculites aff. uedae



Figure mcp-3.

Baculites aff. uedae



Figure mcp-4.

Baculites aff. uedae in fecal pellets



Figure mcp-5.

Genus *Damesites*

Damesites sugata



Figure mcp-6.

Damesites damesi damesi



Figure mcp-7.

Damesites damesi aff. damesi damesi



Figure mcp-8.

Damesites damesi intermedius



Figure mcp-9.

Eupachydiscus

Eupachydiscus aff. haradai



Figure mcp-10.

Hauericeras

Hauericeras angustum



Figure mcp-11.

Hauericeras

Hauericeras angustum



Figure mcp-12.

Hauericeras

Hauericeras angustum



Figure mcp-13.



Figure mcp-14.

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Phylum Mollusca Class Bivalvia 動物門 二枚貝綱

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Phylum Mollusca Class Cephalopoda 2 動物門 …

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- Class Cephalopoda 顕定綱

Phylum Mollusca 軟体動物門

Class Cephalopoda 頭足綱

Subclass Ammonoidea アンモナイト亞綱

Genus *Heterptychoceras**Heterptychoceras obtata*

Figure mcp-15.

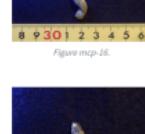
Genus *Hyphantoceras**Hyphantoceras orientale*

Figure mcp-16.



Figure mcp-17.

Genus *Neophyloceras**Neophyloceras ramosum*

Figure mcp-18.

Neophyloceras aff. ramosum



Figure mcp-19.

Genus *Polyptychoceras**Polyptychoceras pseudogaultinum*

Figure mcp-20.



Figure mcp-21.



Figure mcp-22.



Figure mcp-23.

Genus *Tetragonites**Tetragonites glaber*

Figure mcp-24.

Tetragonites glaber and *Nanomavis sachalinensis*

Figure mcp-25.



Figure mcp-26.



Figure mcp-27.

Genus *Zelandites**Zelandites sp.*

Figure mcp-28.

Aptychi 脊器

Aptychus

Figure mcp-29.



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Phylum Mollusca Class Polyplacophora 軟體動物門 多板綱

YugiSode
2022.08.20に更新

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- Phylum Mollusca 軟體動物門
 - Class Polyplacophora 多板綱

Phylum Mollusca 軟體動物門

Class Polyplacophora 多板綱

Genus *Acanthopleura*

Acanthopleura japonica



Figure mpl-1.



Figure mpl-2.



Figure mpl-3.

Plates of *Acanthopleura japonica*



Figure mpl-4.



Figure mpl-5.



Figure mpl-6.

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Cephalopoda 2 軟體動物門 ...

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Malacostraca 節足動物門 軟...



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Phylum Arthropoda Class Malacostraca 節足動物門 軟甲綱

 YujiSode
2022.08.28に更新

このチャプターの目次

- Phylum Arthropoda 節足動物門
- Subphylum Crustacea 甲殻亜門
 - Class Malacostraca 軟甲綱

Phylum Arthropoda 節足動物門

Subphylum Crustacea 甲殻亜門

Class Malacostraca 軟甲綱

Genus *Linuparus**Linuparus* sp.

Figure am1-1.



Figure mpl-2.



Figure mpl-3.



Figure mpl-4.



Figure am1-5.

Superfamily Majoidea

Superfamily Majoidea gen. et sp. indet.



Figure am1-6.

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Phylum Mollusca Class Polyplacophora 軟体動物門...

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Phylum Chordata Subphylum Vertebrata 脊索動物門...

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Phylum Chordata Subphylum Vertebrata 脊索動物門 脊椎動物亞門



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2022.08.30に更新

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- Phylum Chordata 脊索動物門
- Subphylum Vertebrata 脊椎動物亞門

Phylum Chordata 脊索動物門

Subphylum Vertebrata 脊椎動物亞門

Vertebrae

Vertebrae gen. et sp. indet.



Figure cvr-1.

PREV

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[Contour Diagrams 1 輪郭図 1](#)

Contour Diagrams (gastropods and bivalves) 輪郭図 (腹足類と二枚貝類)

輪郭図は本書の標本画像に輪郭抽出を適用した結果に基づいて作成した図です。
These contour diagrams based on each result of contour extraction from sample image in this book.

Gastropoda 腹足綱

Genus *Alevinella**Alevinella* sp.

Figure colg1-1. Diagram of contours.



Figure colg1-2. Diagram of contours and black (#000000) background.

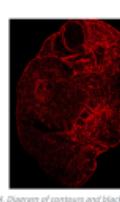
Genus *Serpularia**Serpularia umbonifera*

Figure colg1-3. Diagram of contours.

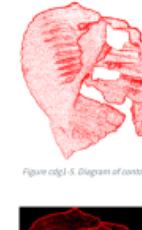


Figure colg1-4. Diagram of contours and black (#000000) background.

Genus *Tonna**Tonna* cf. *Asteatoma*

Figure colg1-5. Diagram of contours.

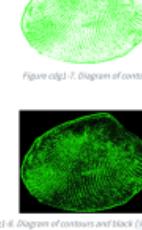


Figure colg1-6. Diagram of contours and black (#000000) background.

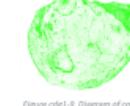
Genus *Acila**Acila* aff. *hokkaidensis*

Figure colg1-7. Diagram of contours.

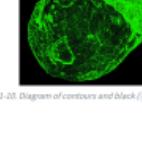


Figure colg1-8. Diagram of contours and black (#000000) background.

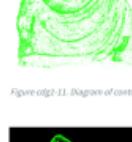
Genus *Inoceramus**Inoceramus eugenii*

Figure colg1-9. Diagram of contours.

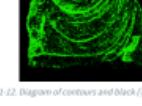


Figure colg1-10. Diagram of contours and black (#000000) background.

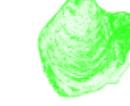
Inoceramus naumanni

Figure colg1-11. Diagram of contours.

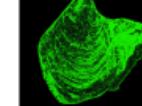


Figure colg1-12. Diagram of contours and black (#000000) background.

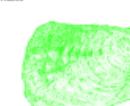
Inoceramus aff. *orientalis* *orientalis*

Figure colg1-13. Diagram of contours.

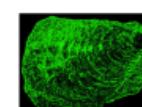


Figure colg1-14. Diagram of contours and black (#000000) background.

Inoceramus aff. *orientalis* *orientalis*

Figure colg1-15. Diagram of contours.

Figure colg1-16. Diagram of contours and black (#000000) background.

Contour Diagrams (cephalopods and polyplacophorans)
輪郭図 (頭足類と多板類)

輪郭図は本書の標本画像に輪郭抽出を適用した結果に基づいて作成した図です。

These contour diagrams based on each result of contour extraction from sample image in this book.

Class Cephalopoda 頭足綱

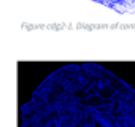
Genus *Reticularia**Reticularia aff. undata*

Figure cdg2-1. Diagram of contours



Figure cdg2-2. Diagram of contours and black (#000000) background.

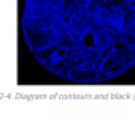
Genus *Damesites**Damesites aff. domesi domesi*

Figure cdg2-3. Diagram of contours

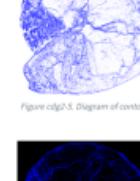


Figure cdg2-4. Diagram of contours and black (#000000) background.

Damesites *sugata*

Figure cdg2-5. Diagram of contours

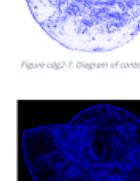


Figure cdg2-6. Diagram of contours and black (#000000) background.

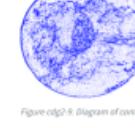
Genus *Eupachydiscus*..*Eupachydiscus aff. harada**Damesites aff. domesi domesi*

Figure cdg2-7. Diagram of contours

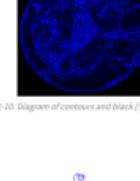


Figure cdg2-8. Diagram of contours

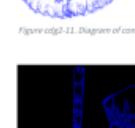
Genus *Heterptychoceras**Heterptychoceras obatai*

Figure cdg2-9. Diagram of contours



Figure cdg2-10. Diagram of contours and black (#000000) background.

Genus *Hypmantoceras**Hypmantoceras orientale*

Figure cdg2-11. Diagram of contours

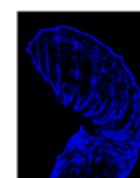


Figure cdg2-12. Diagram of contours and black (#000000) background.

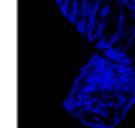


Figure cdg2-13. Diagram of contours



Figure cdg2-14. Diagram of contours and black (#000000) background.

このチャプターの目次

- Contour Diagrams (cephalopods and polyplacophorans) 輪郭図 (頭足類と多板類)
 - Class Cephalopoda 頭足綱
 - Class Polyplacophora 多板綱

Contour Diagrams (cephalopods and polyplacophorans)
輪郭図 (頭足類と多板類)

輪郭図は本書の標本画像に輪郭抽出を適用した結果に基づいて作成した図です。
These contour diagrams based on each result of contour extraction from sample image in this book.

Class Cephalopoda 頭足綱

Genus *Nesophyloceras*
Nesophyloceras aff. ramosum

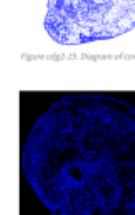


Figure cdg2-15. Diagram of contours

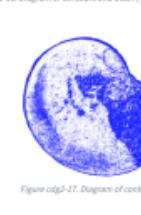


Figure cdg2-16. Diagram of contours and black (#0000) background.

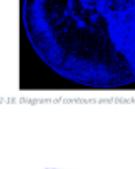


Figure cdg2-17. Diagram of contours

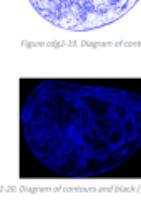


Figure cdg2-18. Diagram of contours and black (#0000) background.

Genus *Tetragonites*
Tetragonites glabrus

Figure cdg2-19. Diagram of contours



Figure cdg2-20. Diagram of contours and black (#0000) background.

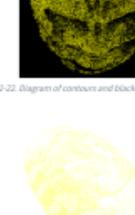


Figure cdg2-21. Diagram of contours

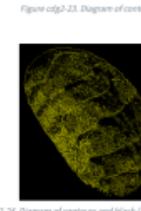


Figure cdg2-22. Diagram of contours and black (#0000) background.



Figure cdg2-23. Diagram of contours



Figure cdg2-24. Diagram of contours and black (#0000) background.

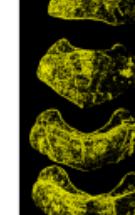


Figure cdg2-25. Diagram of contours

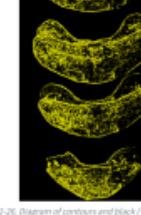


Figure cdg2-26. Diagram of contours and black (#0000) background.



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02 Phylum Mollusca Class Gastropoda 軟体動物門

03 Phylum Mollusca Class Bivalvia 軟体動物門

04 Phylum Mollusca Class Cephalopoda 軟体動物門

05 Phylum Mollusca Class Cephalopoda 2 軟体動物門

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07 Phylum Arthropoda Class Malacostraca 軟甲類

08 Phylum Chordata Subphylum Vertebrata 脊椎動物亞門

09 Contour Diagrams 1 輪郭図 1

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Contour Diagrams 3 輪郭図 3

YukiSode
2022.08.30に更新

このチャプターの目次

- Contour Diagrams (malacostracans and vertebrates) 輪郭図 (軟甲類と脊椎動物)
- Class Malacostraca 軟甲綱
- Subphylum Vertebrata 脊椎動物亞門

Contour Diagrams (malacostracans and vertebrates) 輪郭図 (軟甲類と脊椎動物)

輪郭図は本書の標本画像に輪郭抽出を適用した結果に基づいて作成した図です。

These contour diagrams based on each result of contour extraction from sample image in this book.

Class Malacostraca 軟甲綱

Genus *Linuparus**Linuparus* sp.

Figure cdg3-1. Diagram of contours

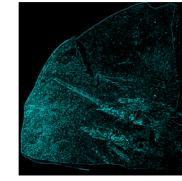


Figure cdg3-2. Diagram of contours and black (#0000f) background.

Superfamily Majoidea

Superfamily Majoidea gen. et sp. indet.

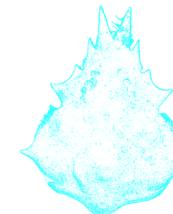


Figure cdg3-3. Diagram of contours

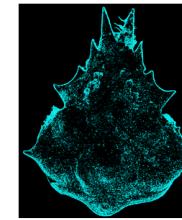


Figure cdg3-4. Diagram of contours and black (#0000f) background.

Subphylum Vertebrata 脊椎動物亞門

Vertebræ

Vertebræ gen. et sp. indet.

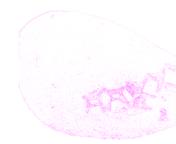


Figure cdg3-5. Diagram of contours

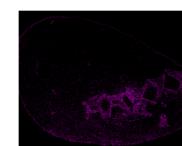


Figure cdg3-6. Diagram of contours and black (#0000f) background.

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AA

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 YujiSode
2023.03.29に更新

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興味のある分野はJavaScript, Tcl, 数学, 地質学, 生物学などです。



フォロー



← PREV

Contour Diagrams 3 輪郭図 3