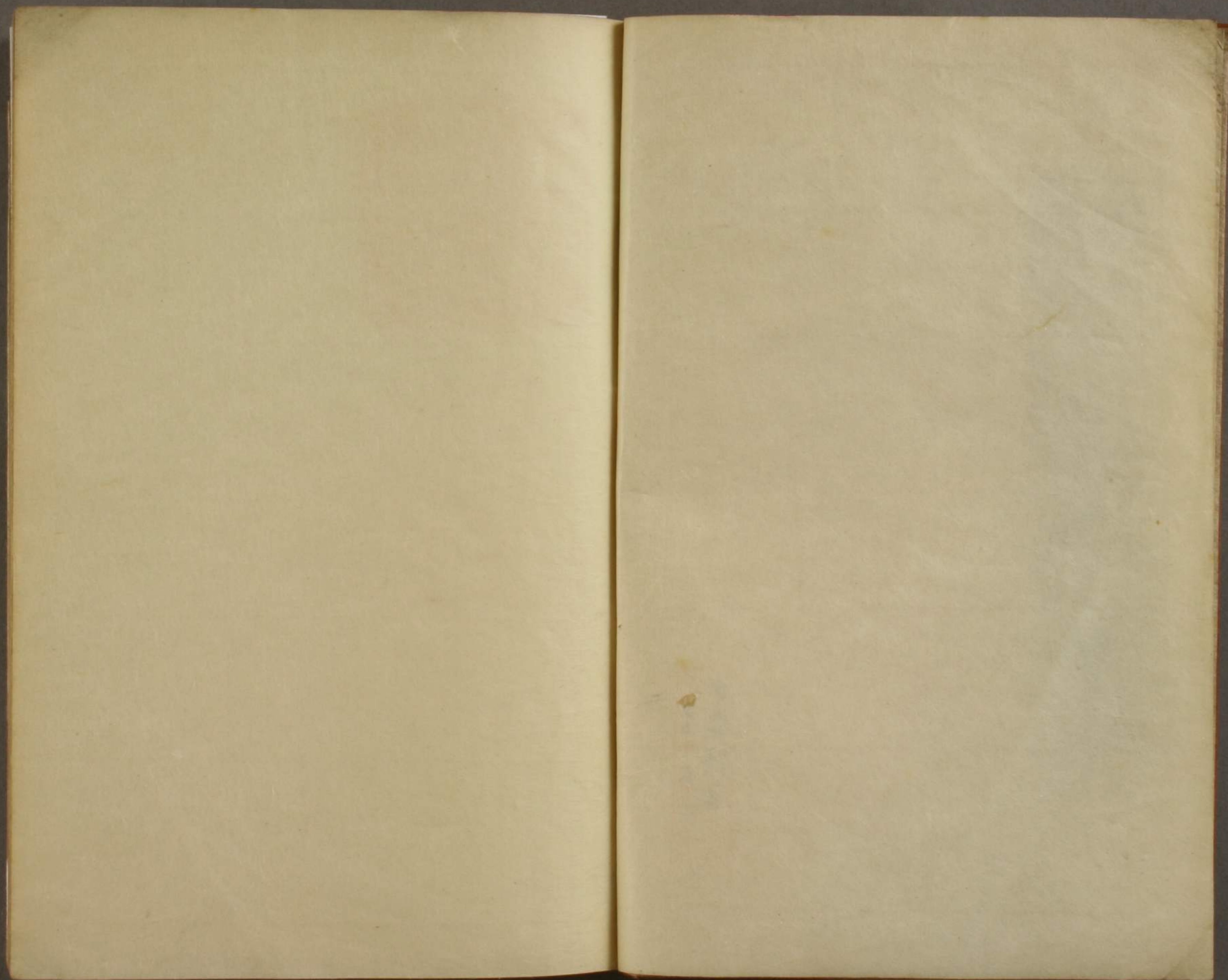
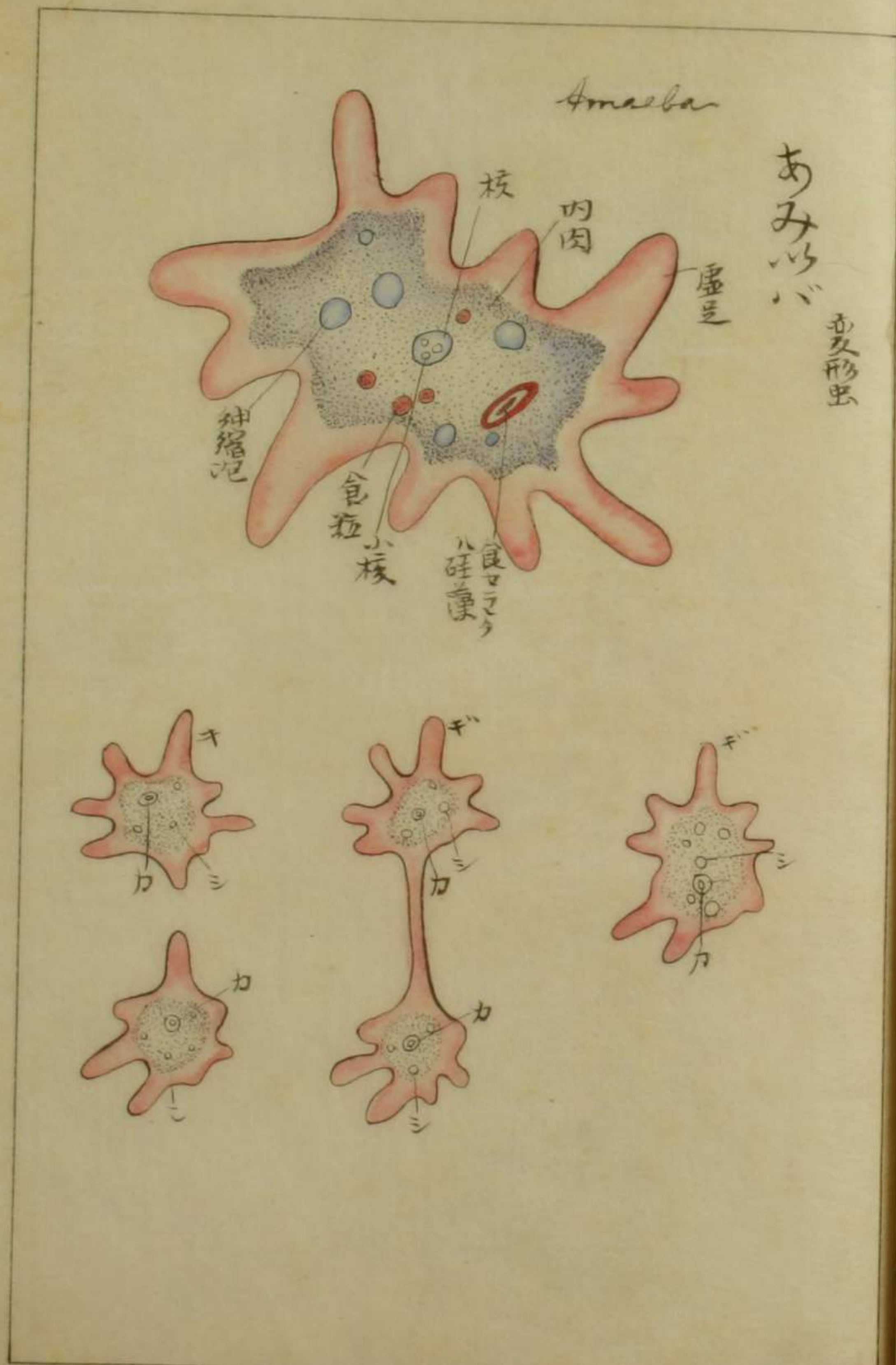


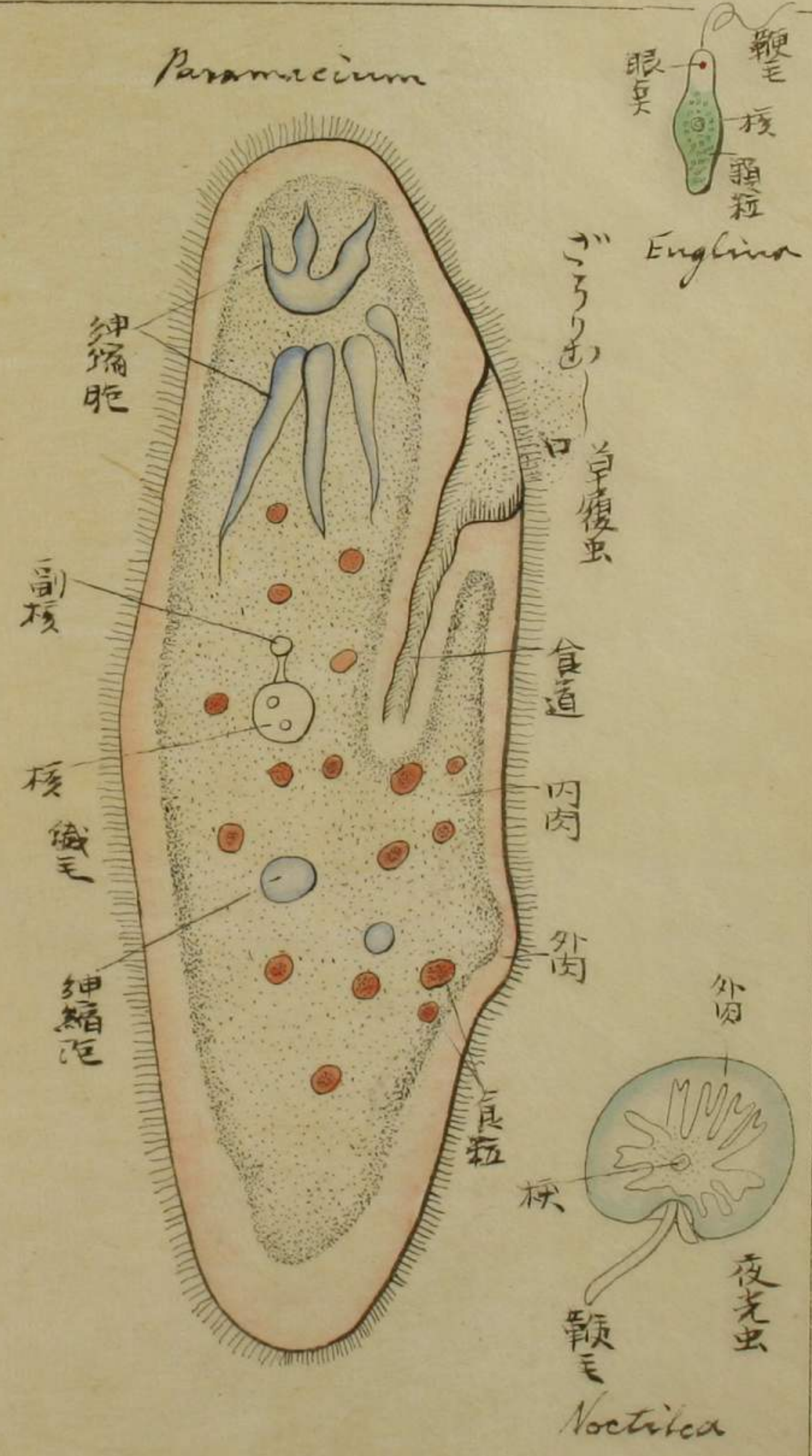
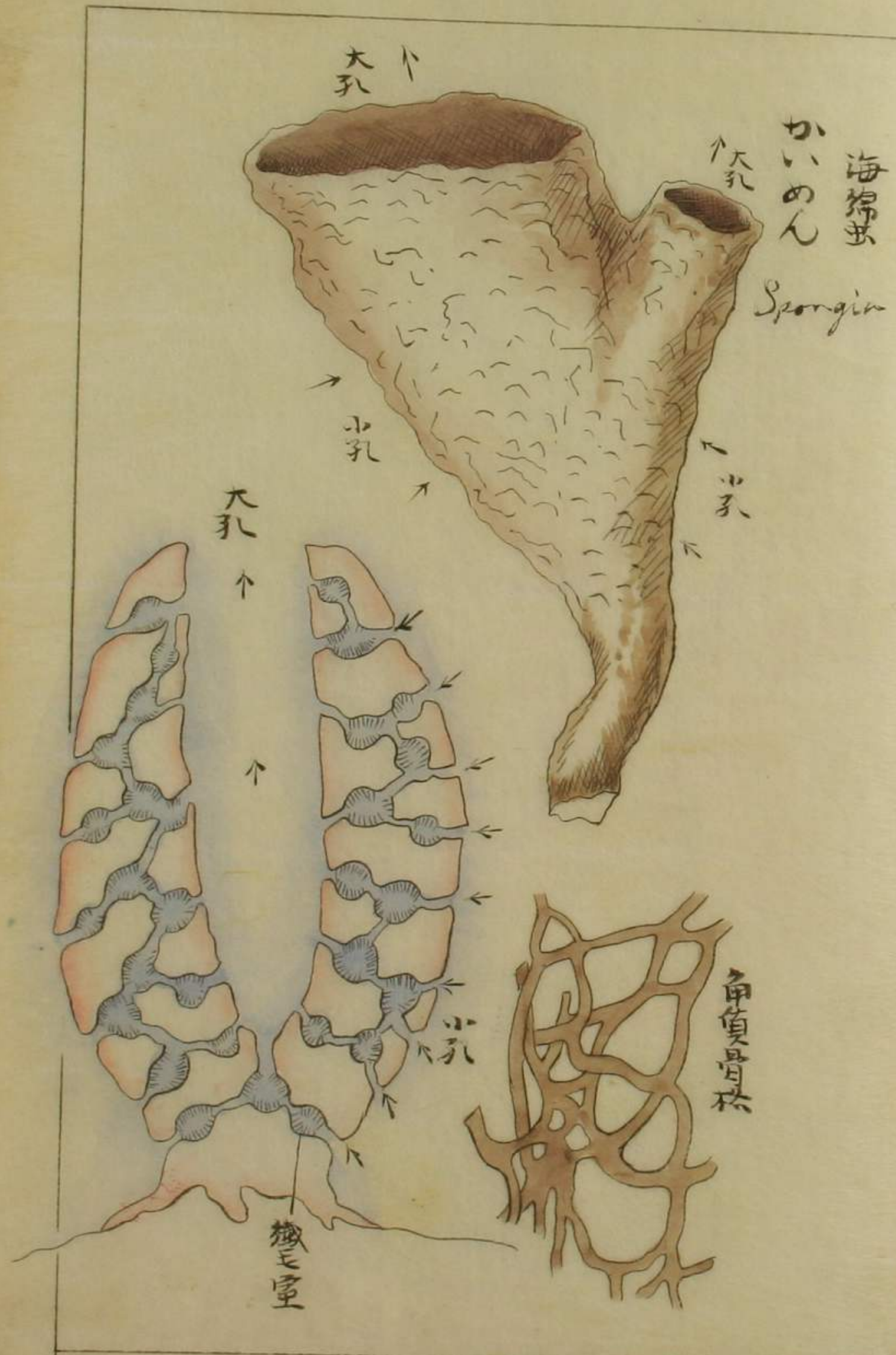
昭和十五年三月一日  
市島謙吉氏贈

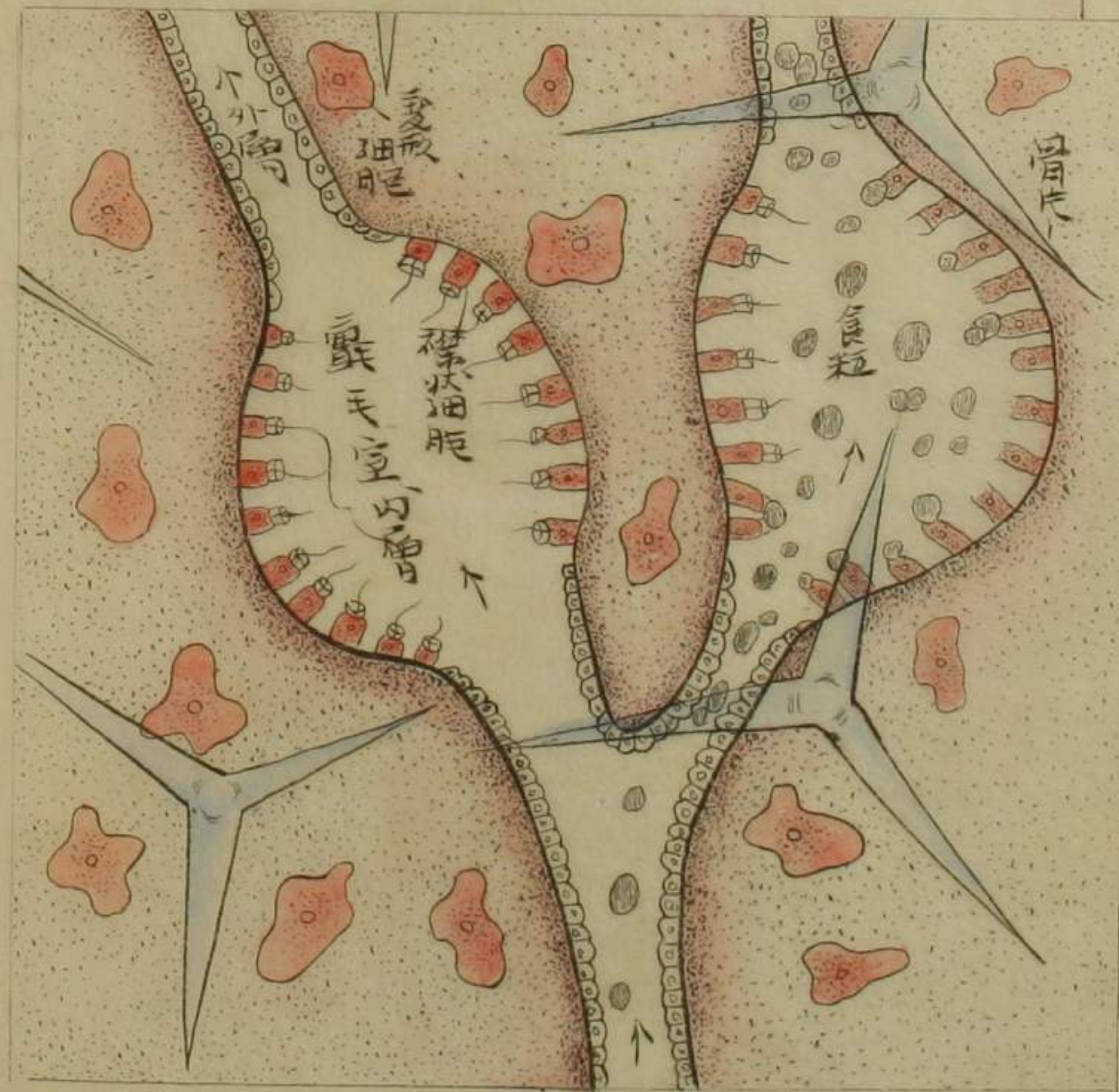
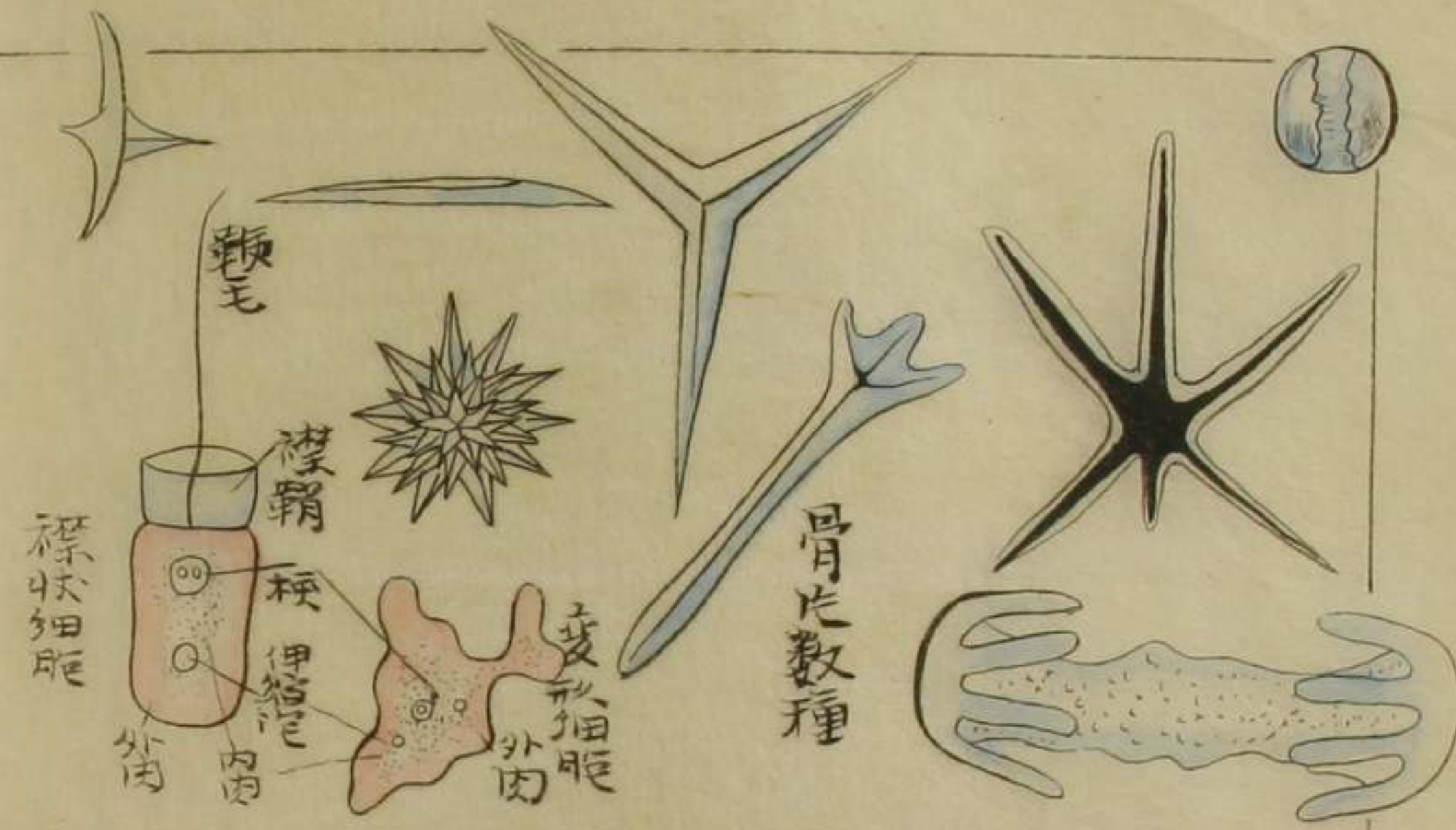
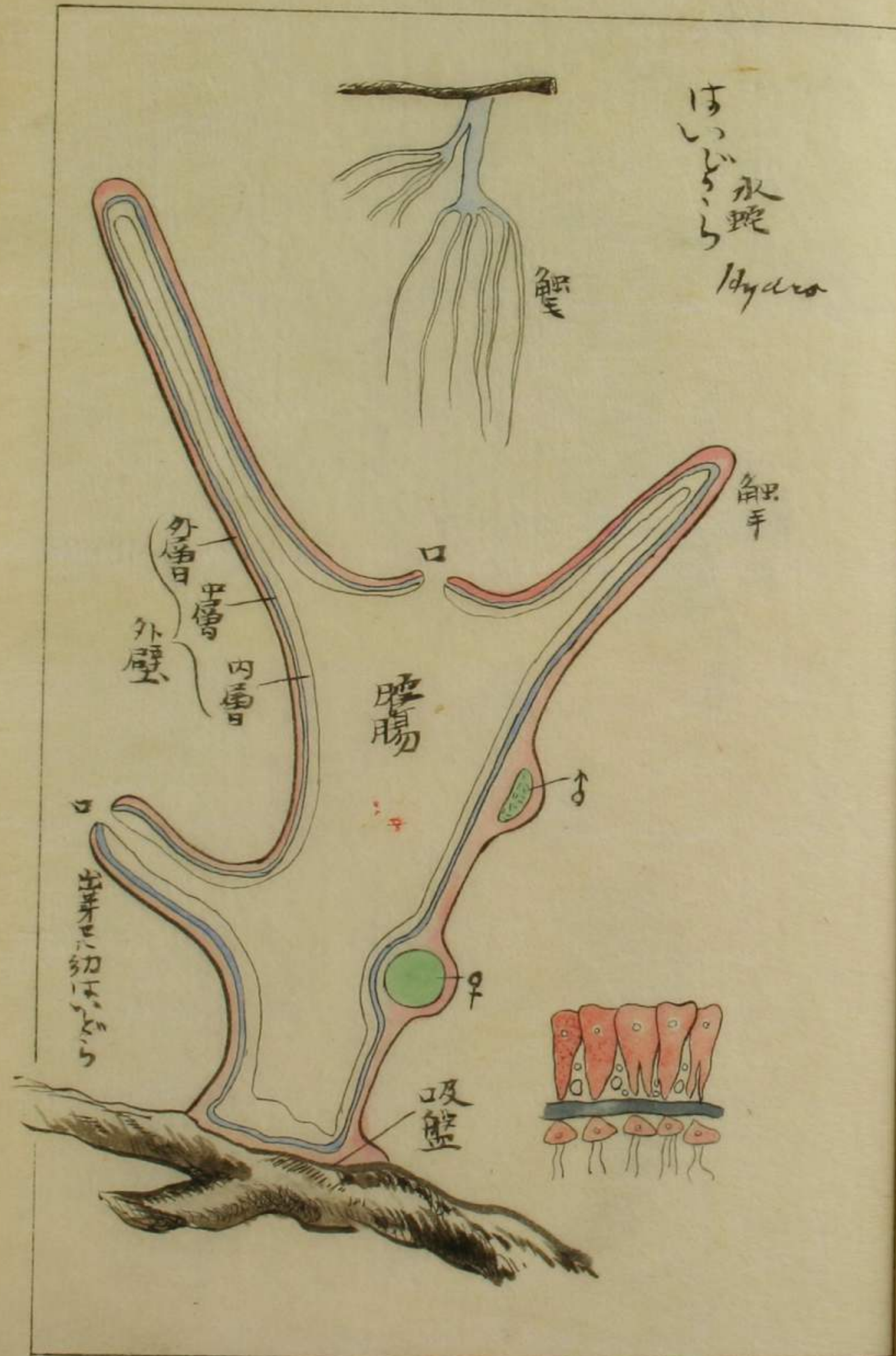




門 二 15  
 號 2250  
 卷

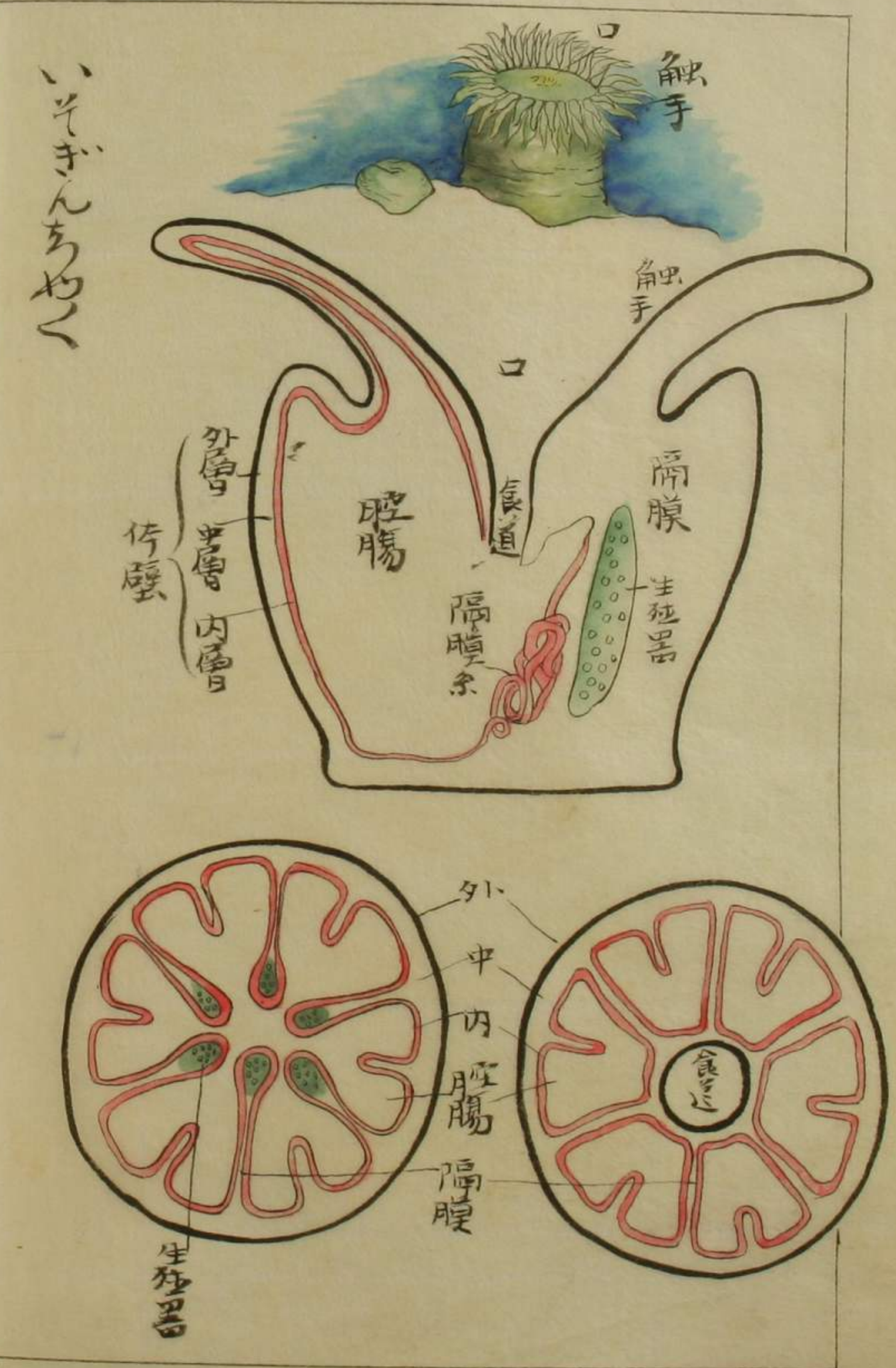
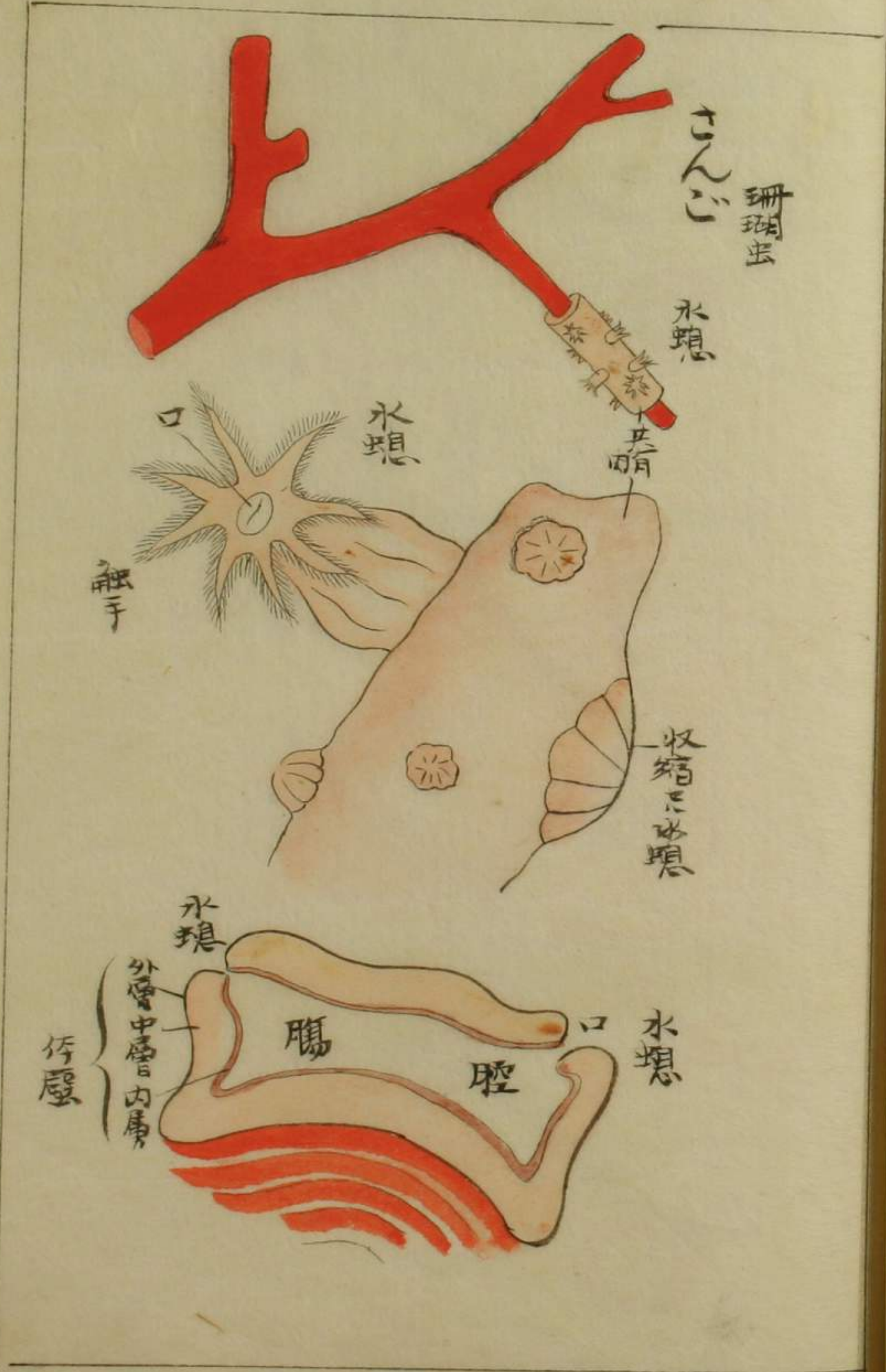


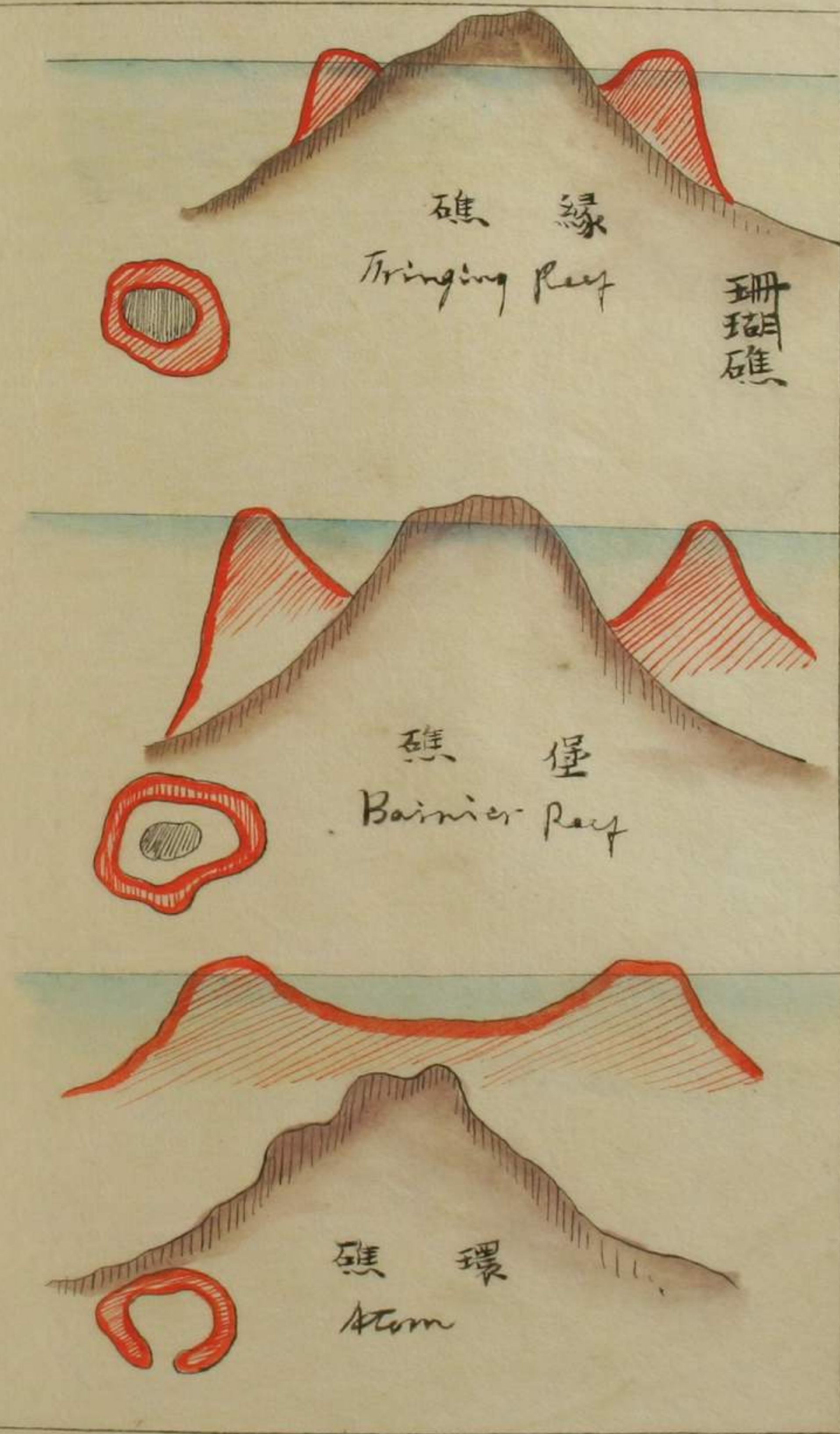
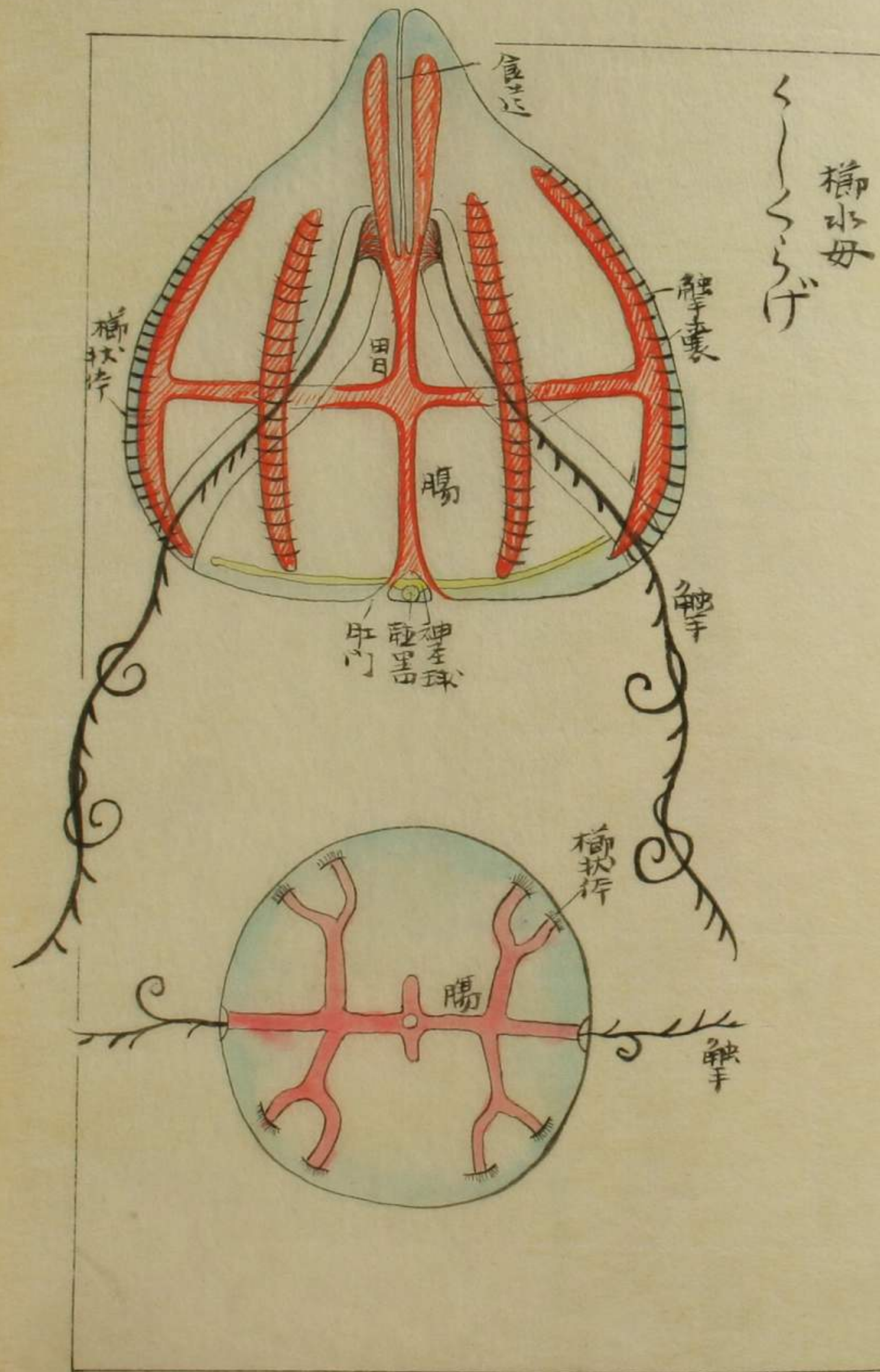










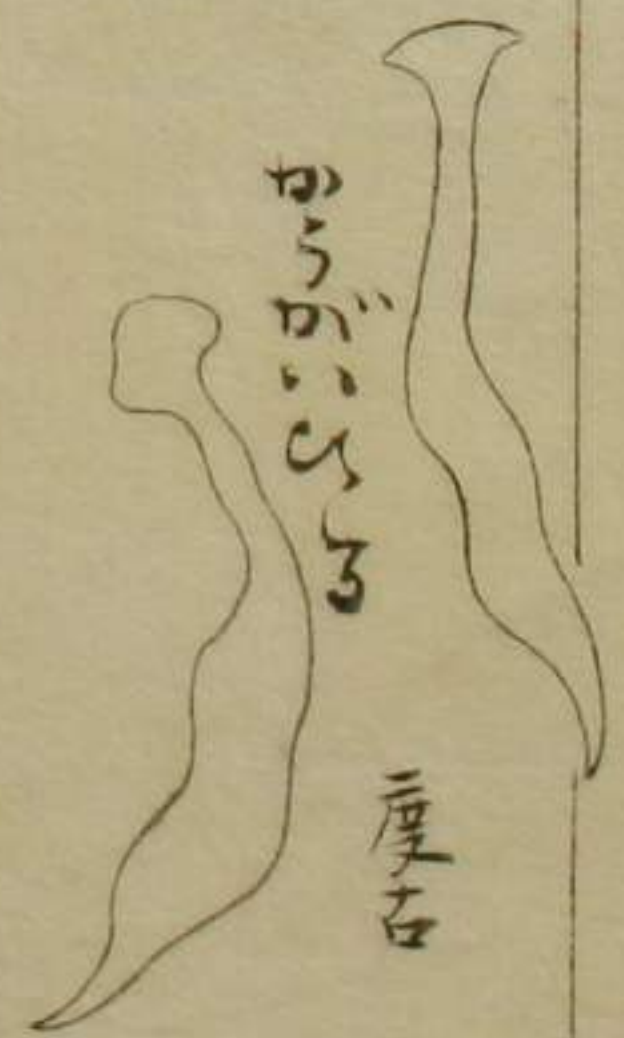
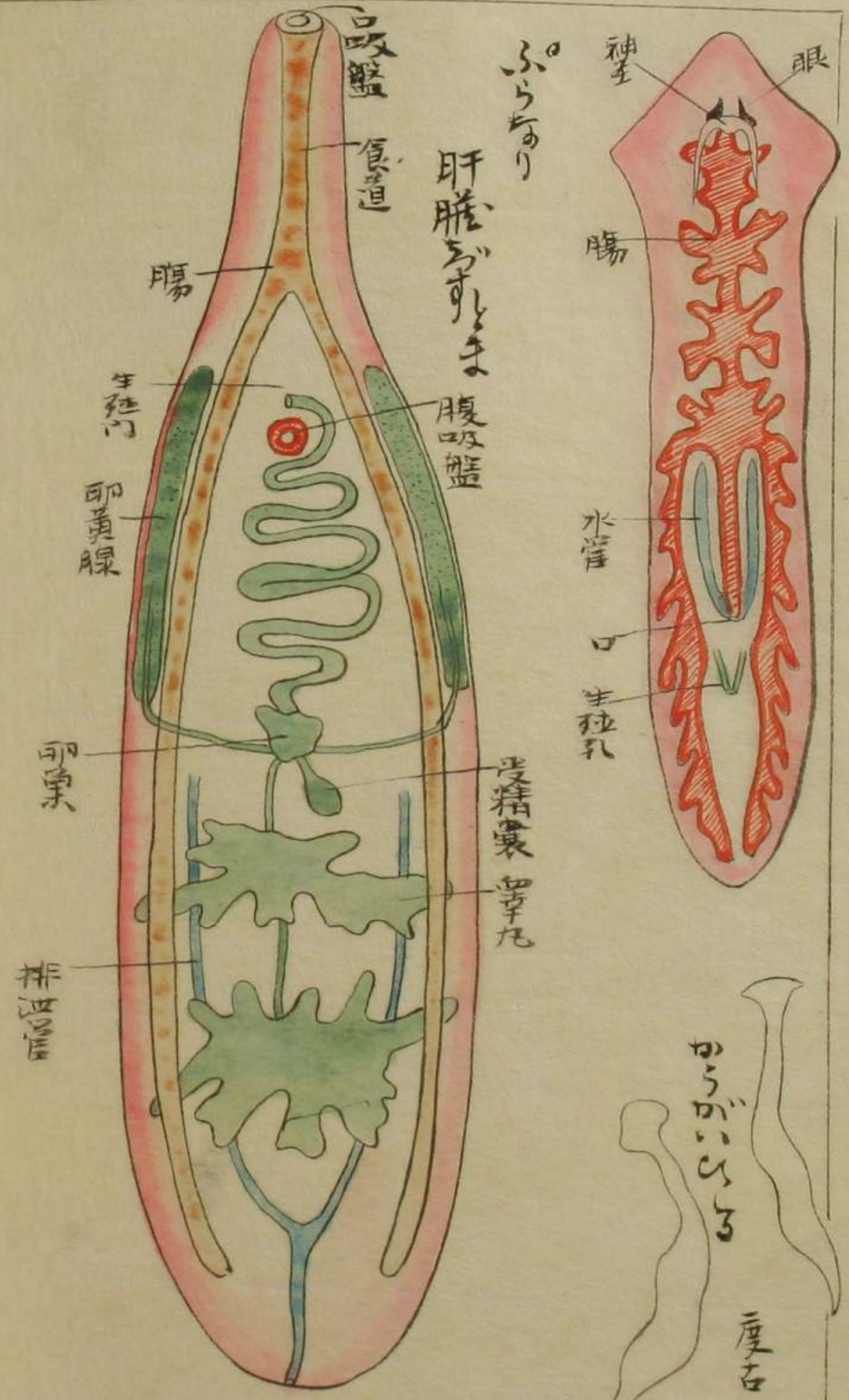


肝蛭

*Distomum Hepaticum*

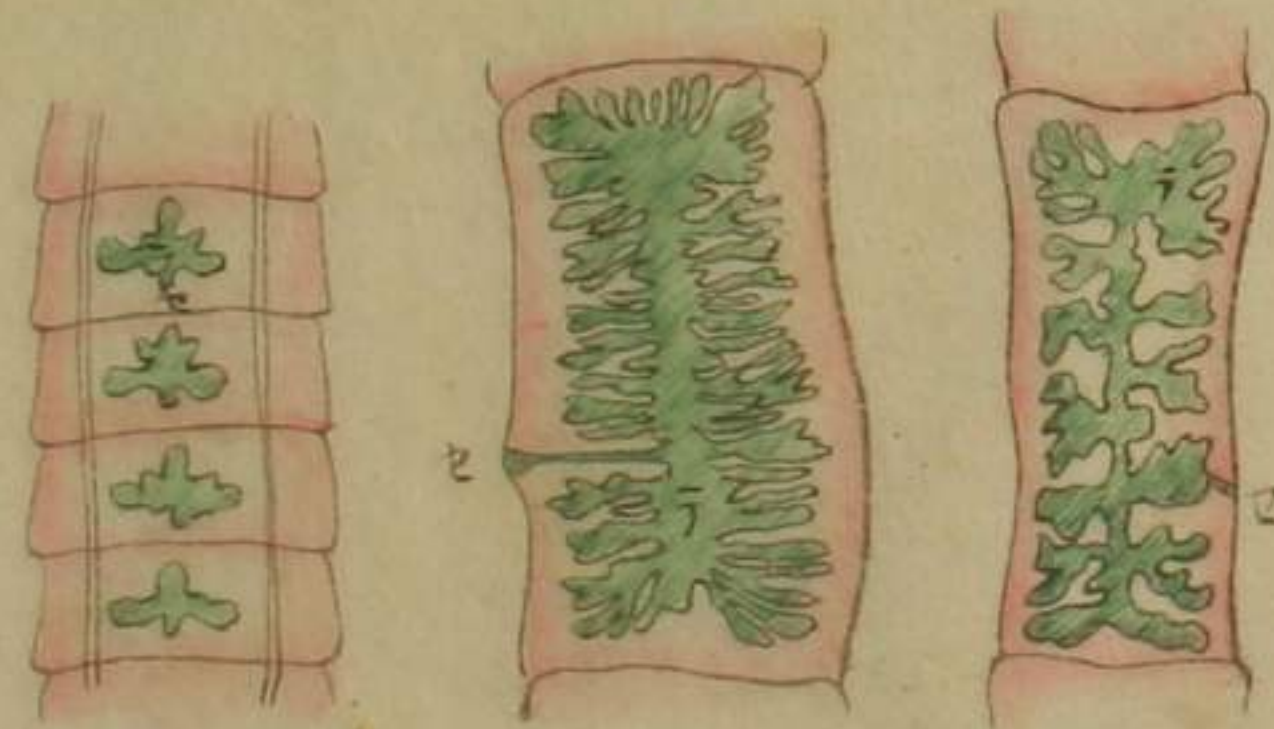
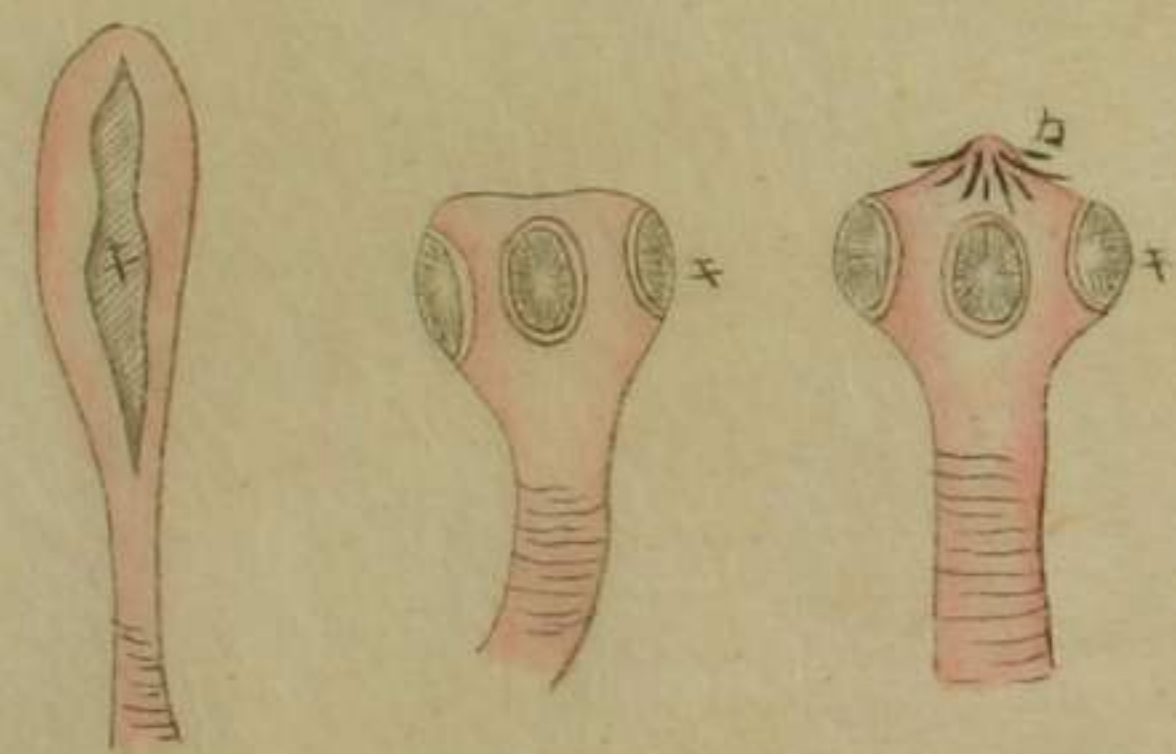


肝臓のつくり



Tanaka

ミナモトノミヅノシジメ



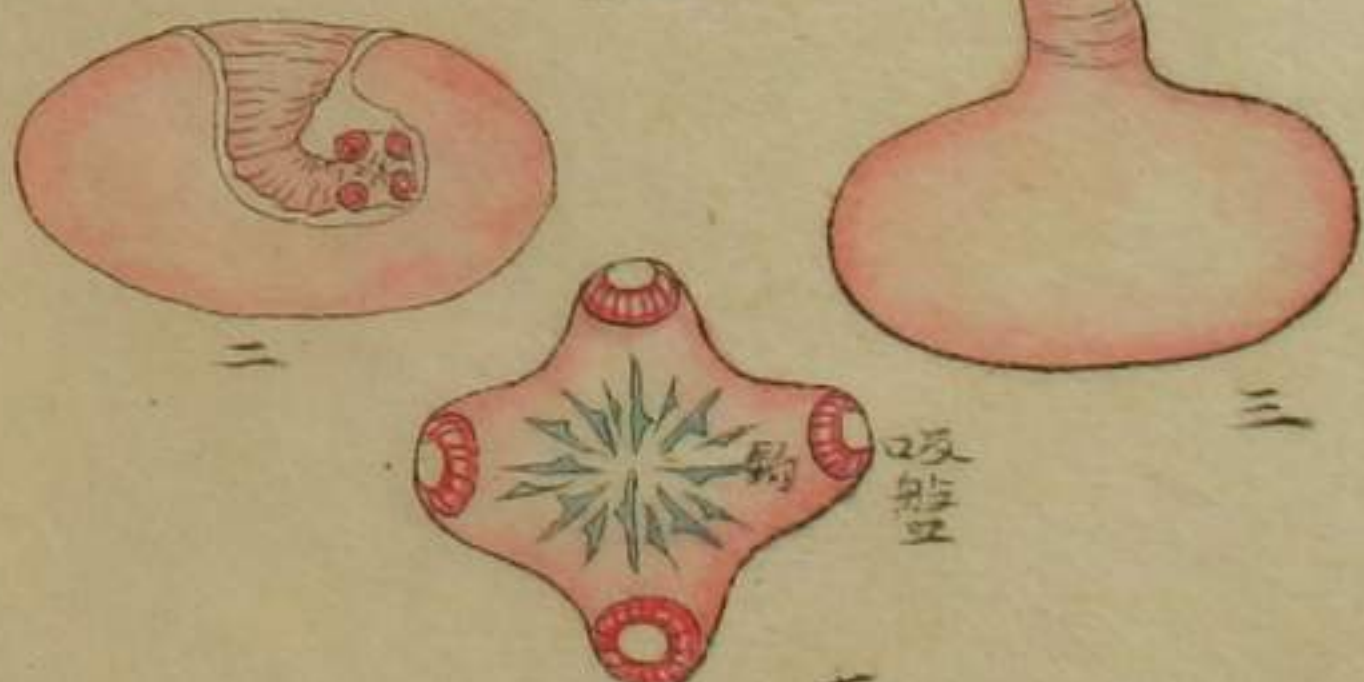
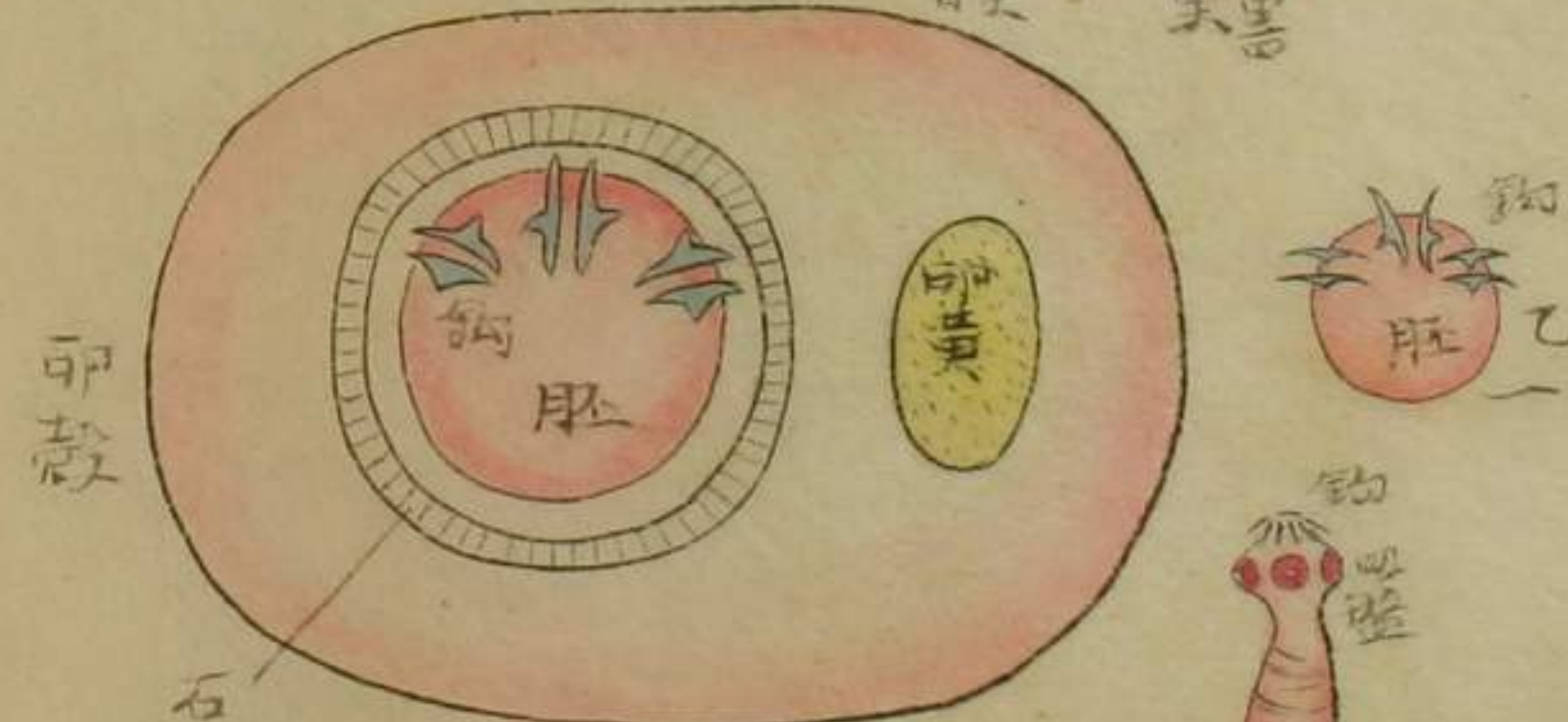
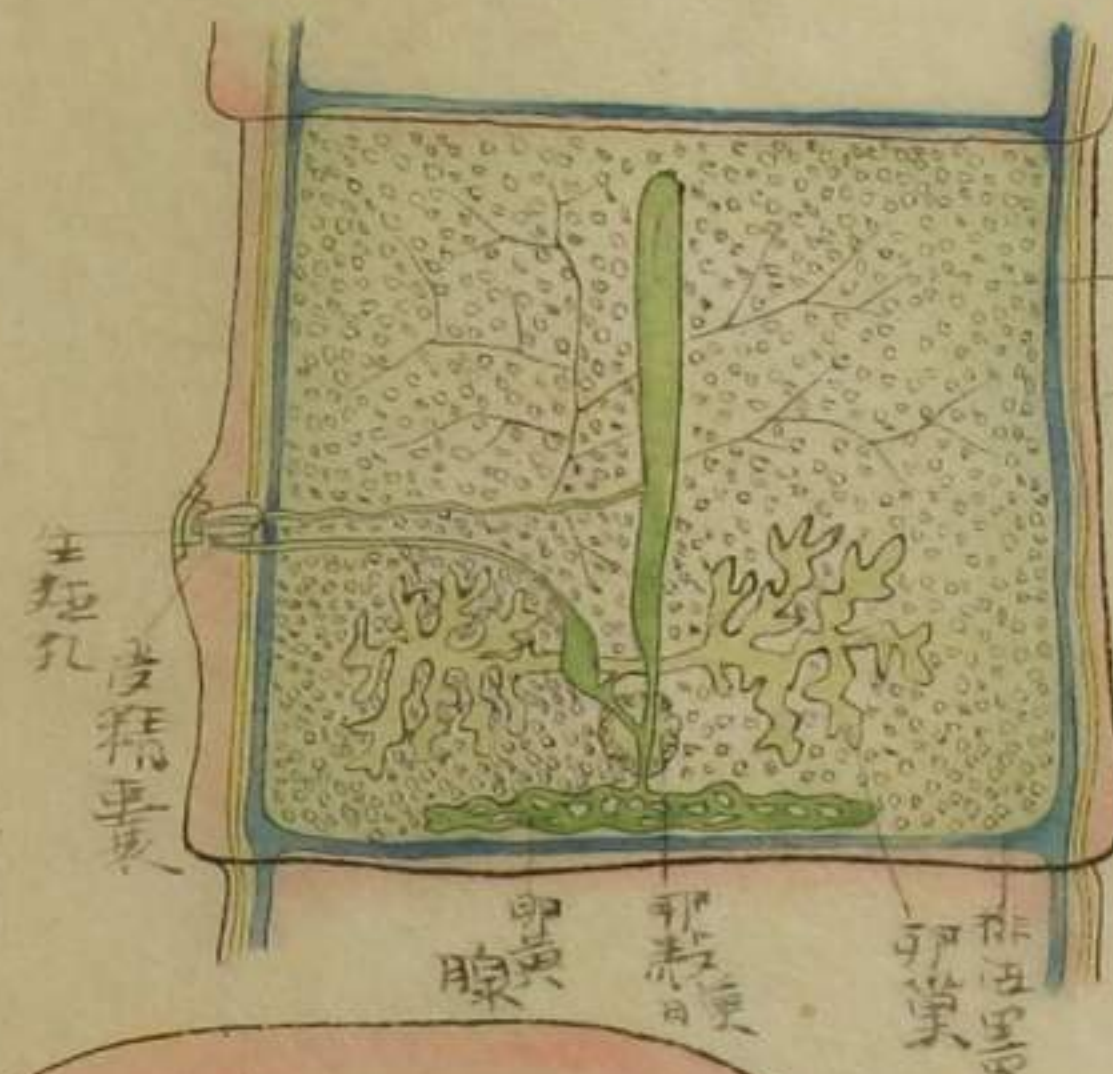
裂頭絛虫 (鯉鱒)

無鉤絛虫 (牛肉)

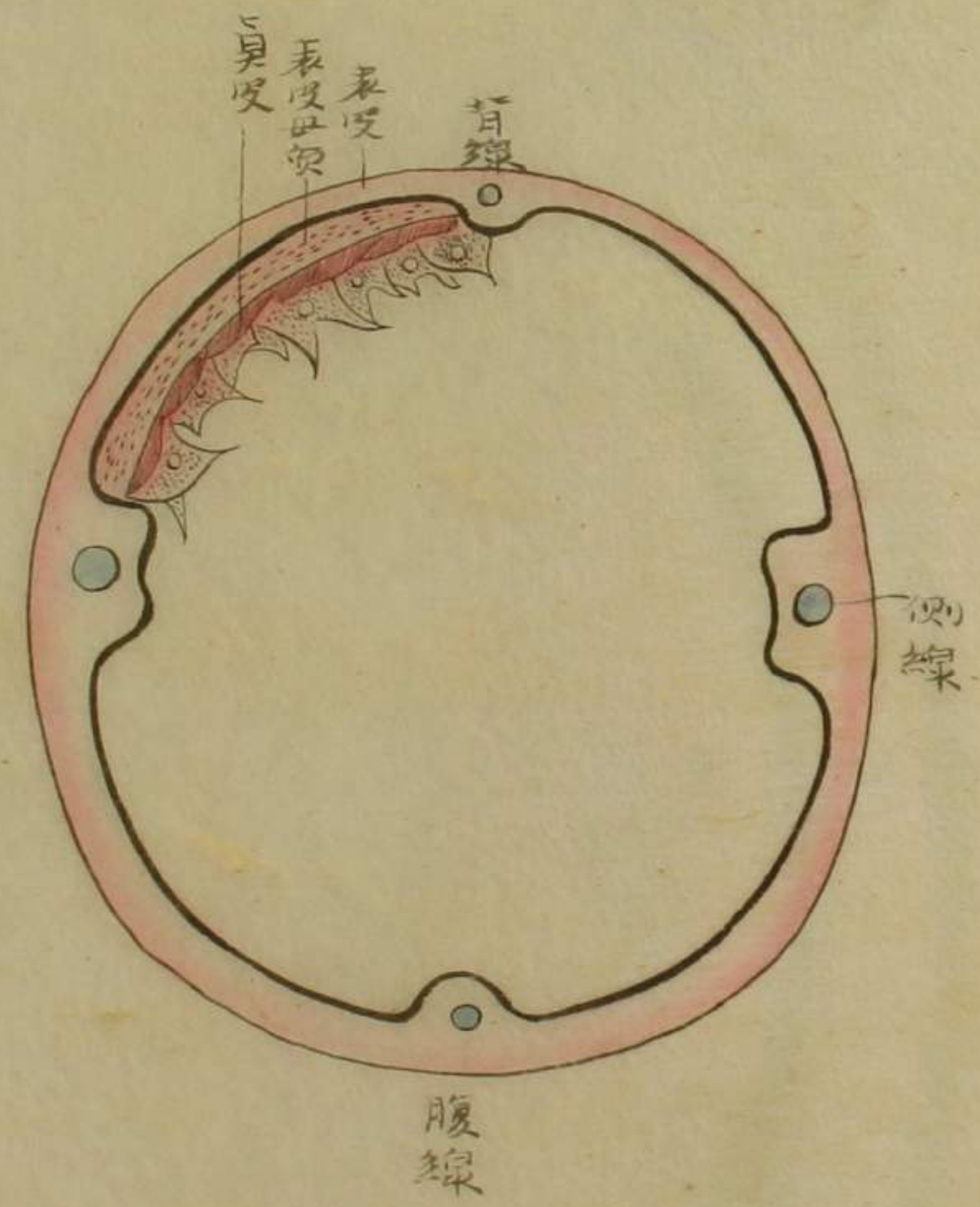
有鉤絛虫 (豚肉)

(一) 卵子宮 (二) 生殖孔 (三) 肉鉤 (四) 吸盤

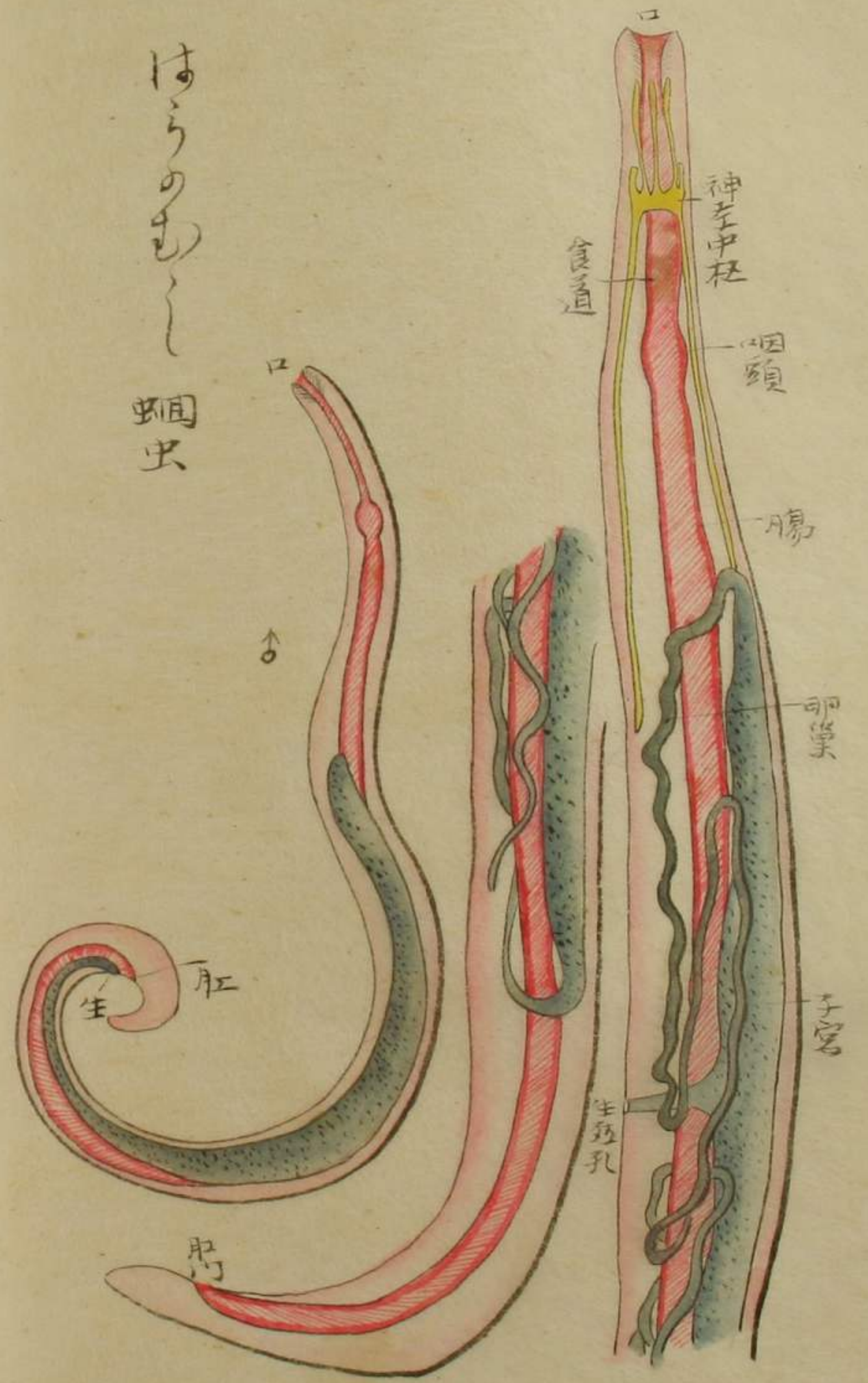
ミナモトノミヅノシジメ



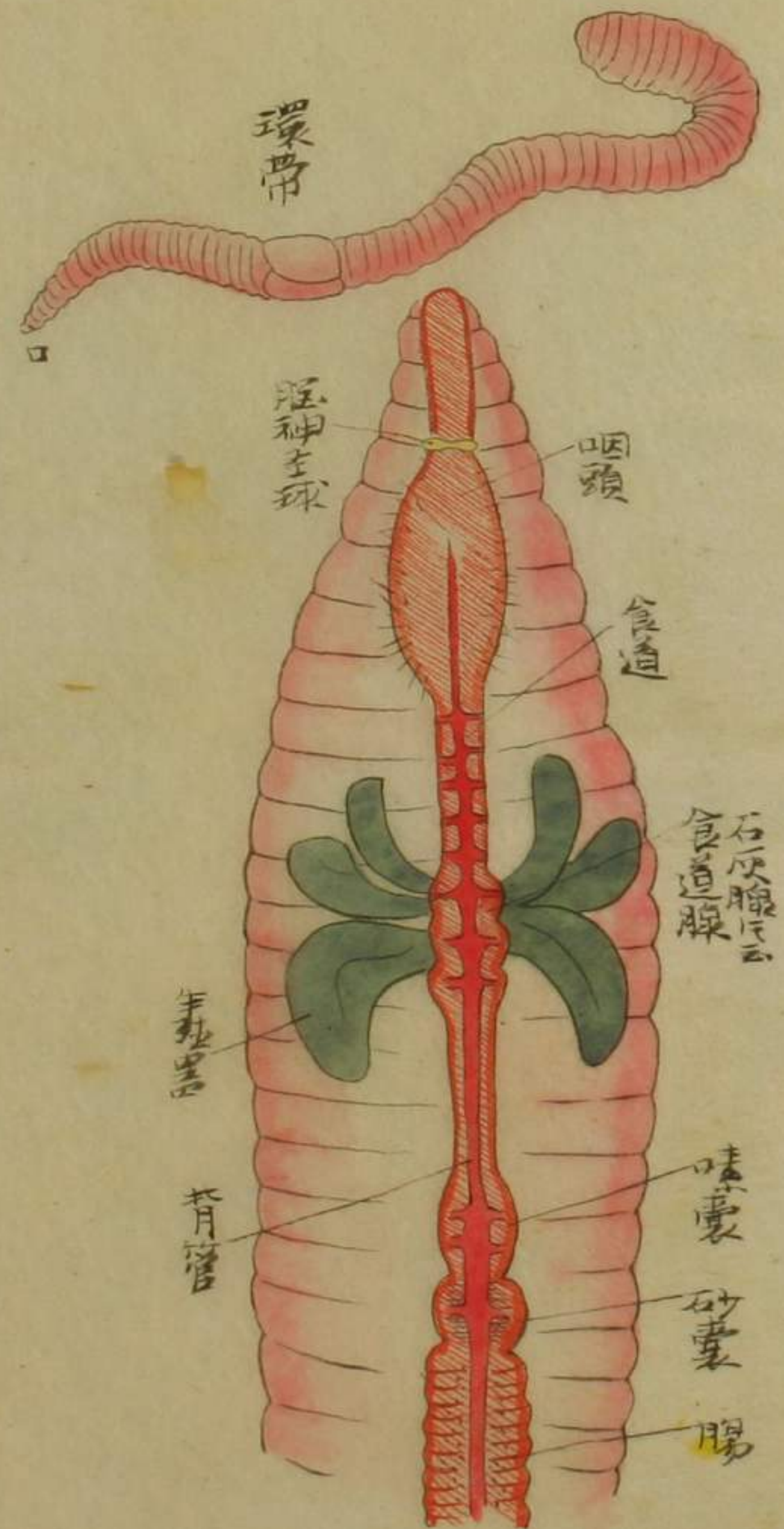
有鉤絛虫



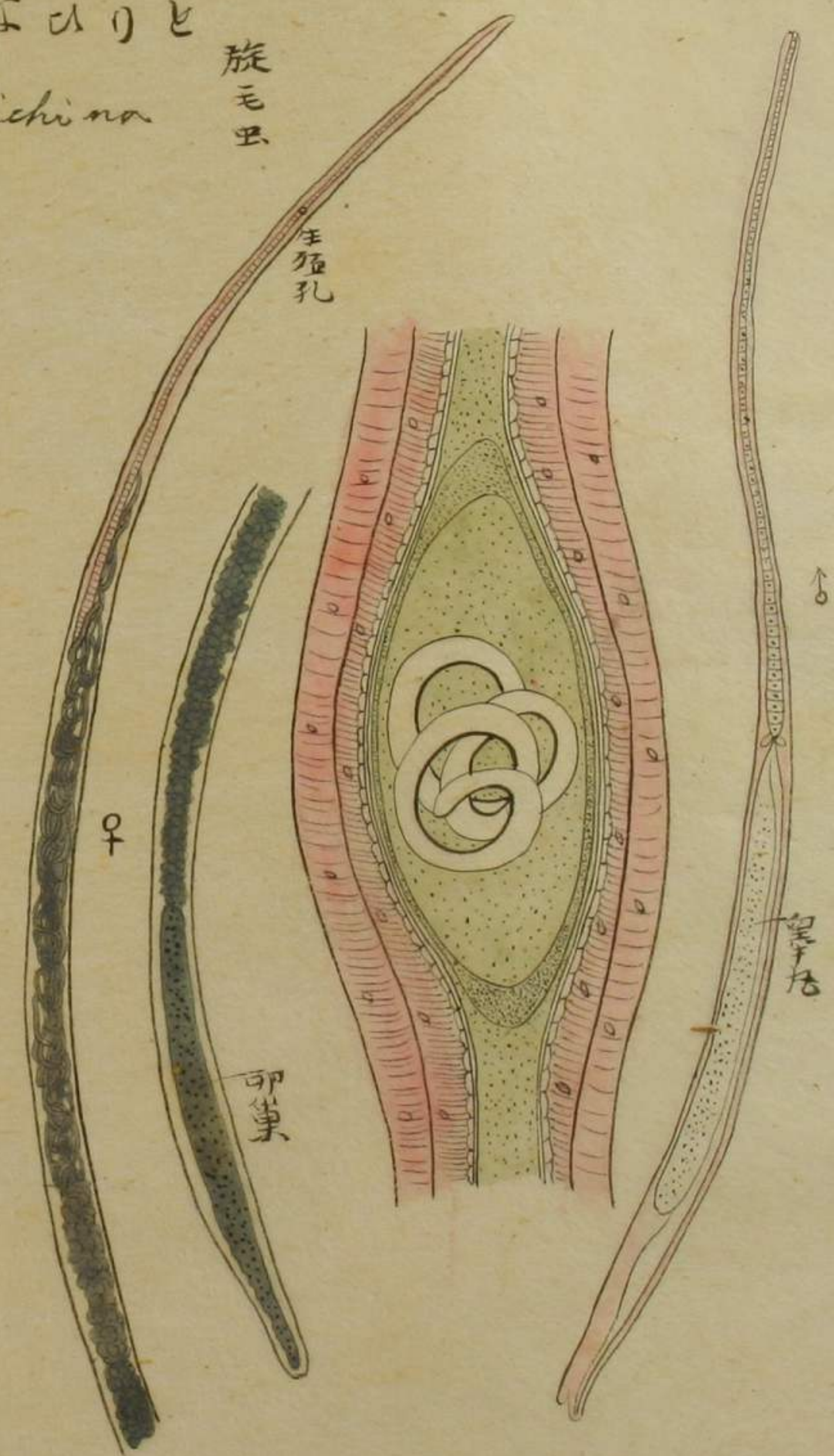
ほうのむし  
 蛔虫



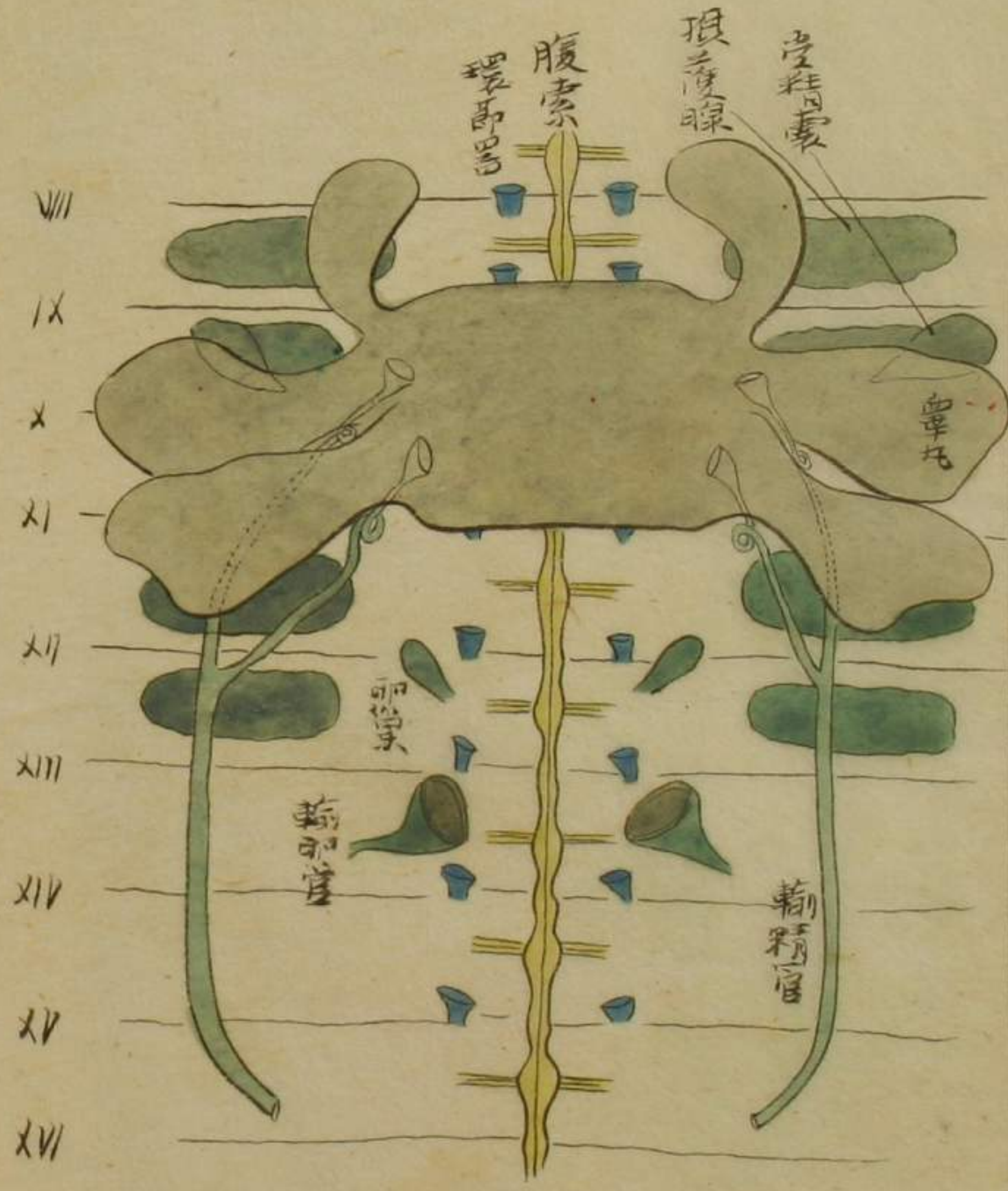
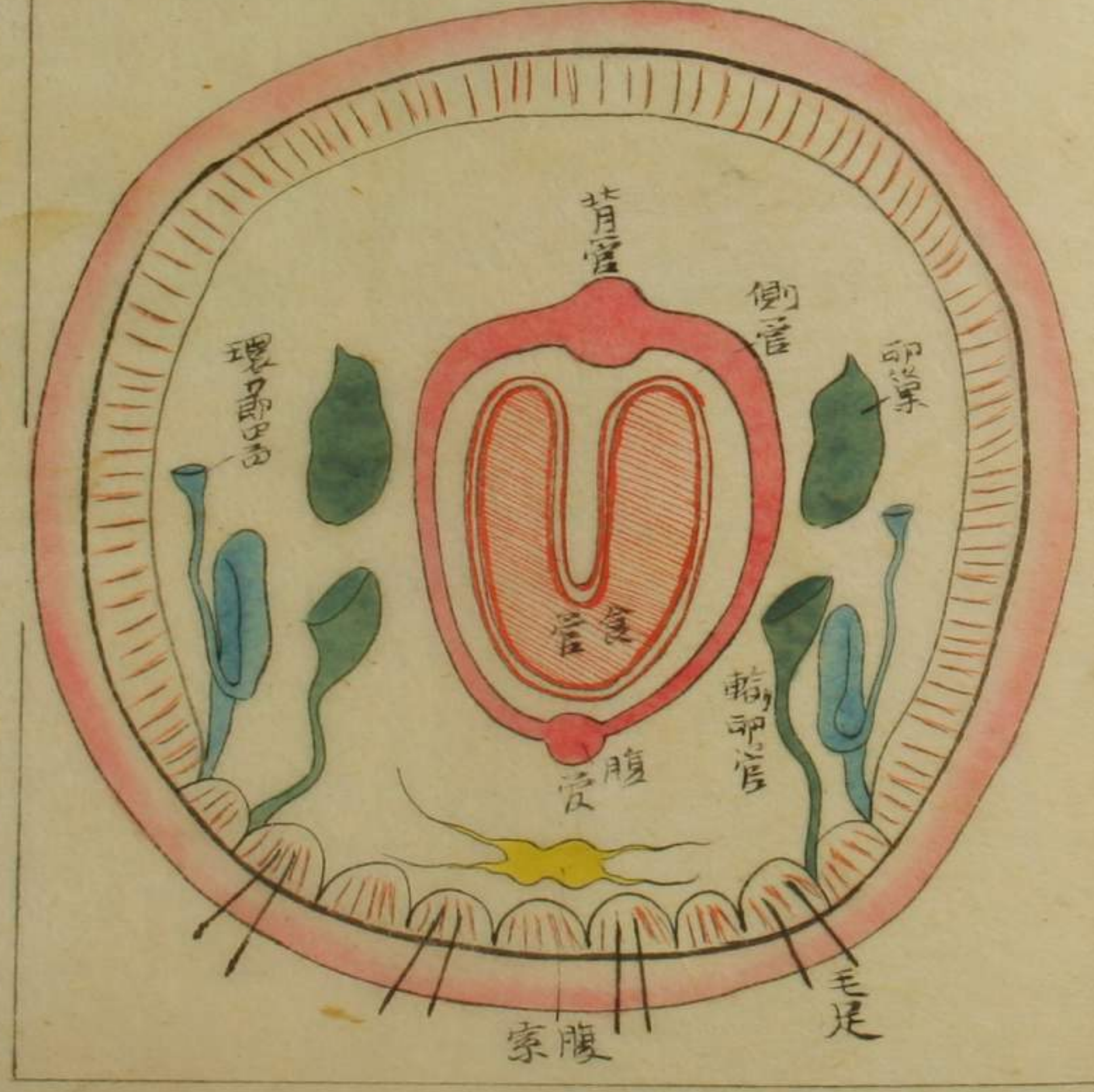
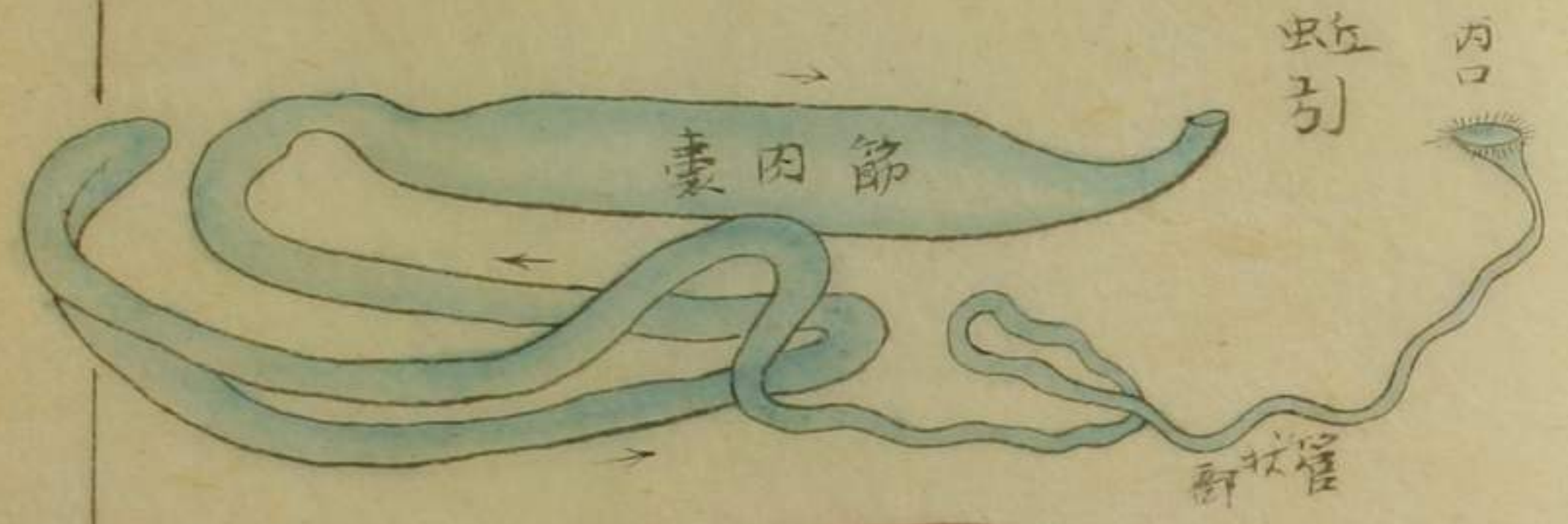
みみず 蚯蚓



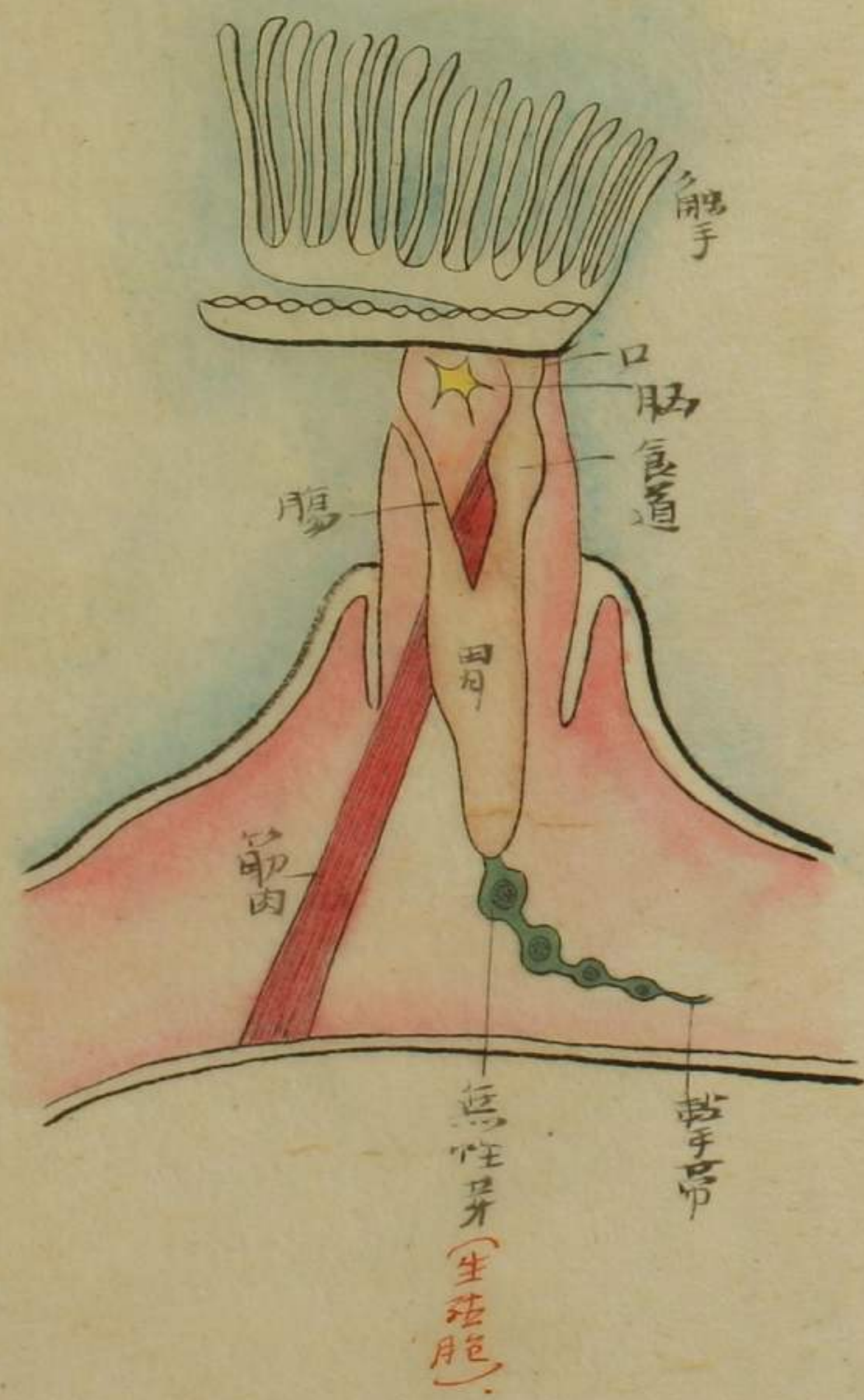
Trichina 旋毛虫



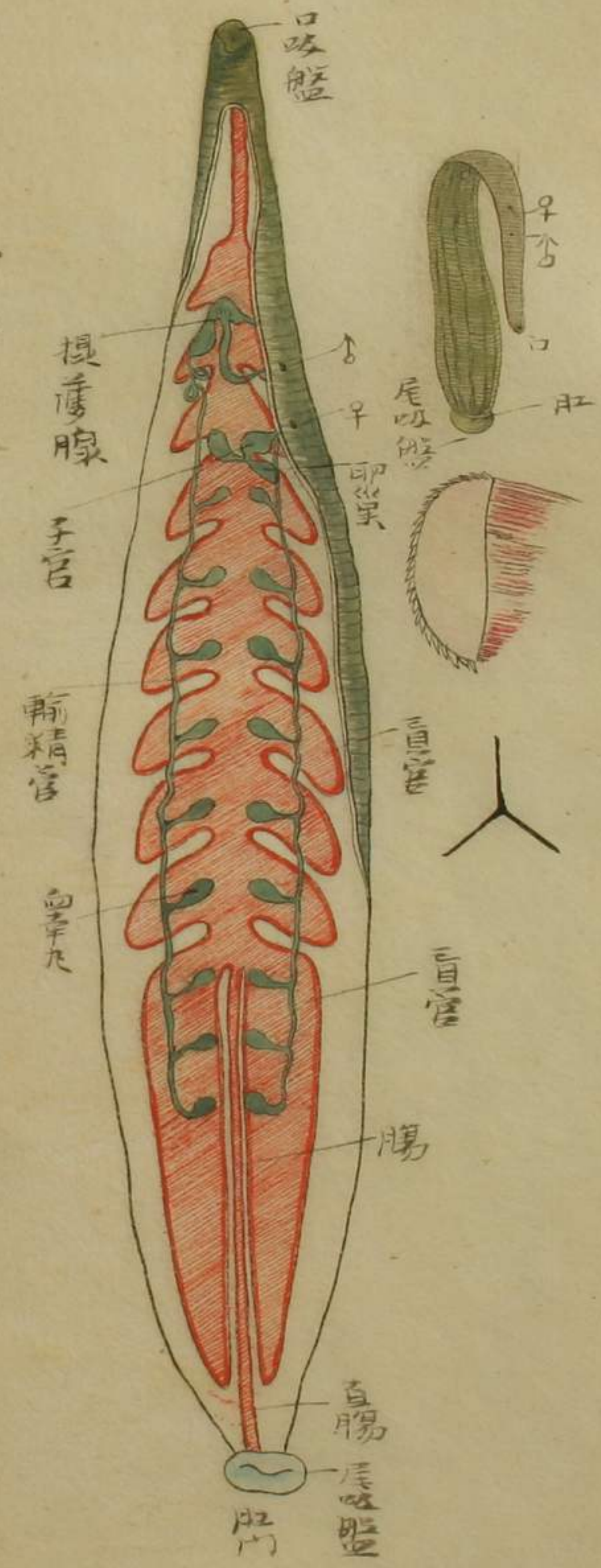
引  
虫  
引



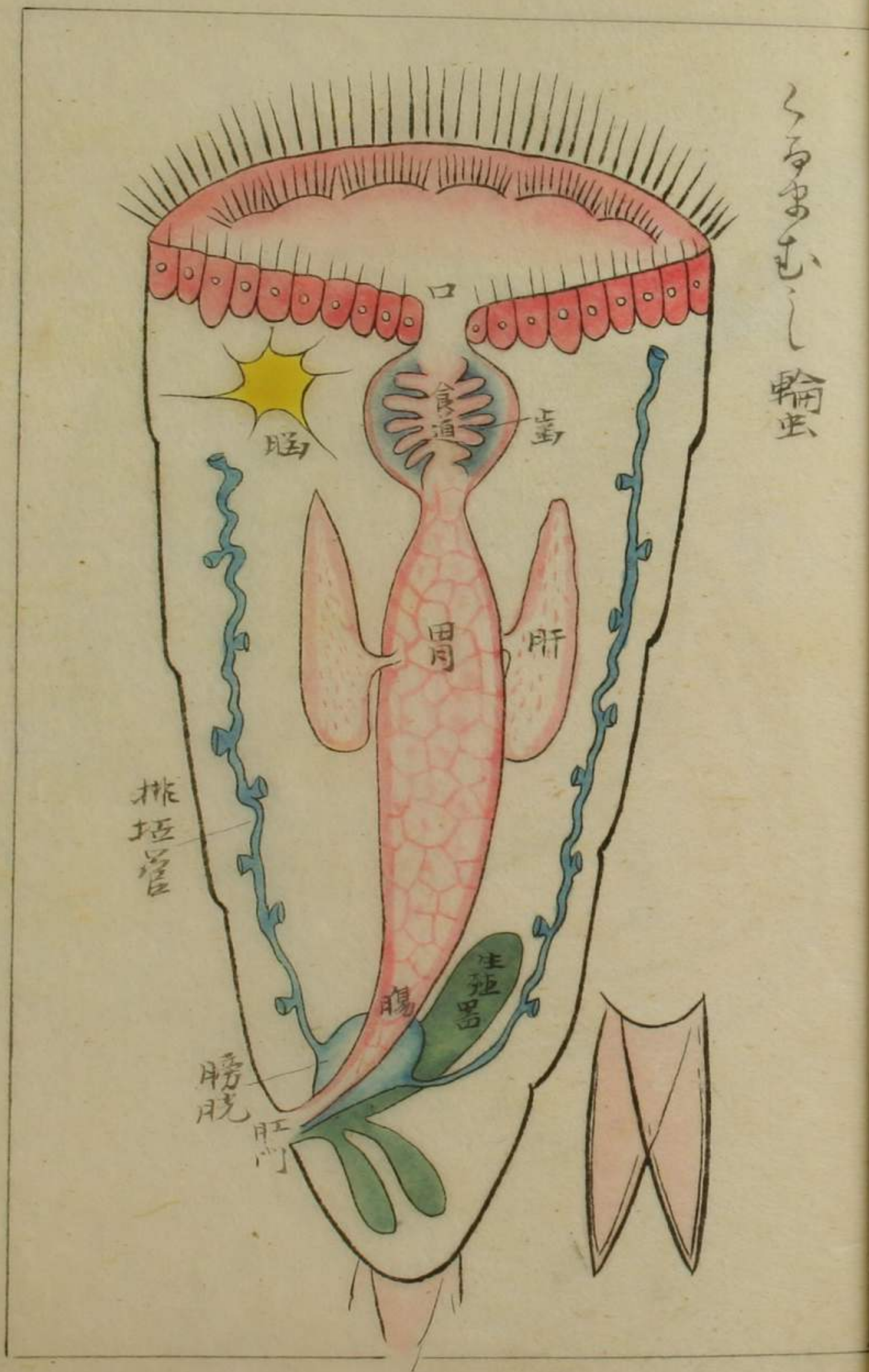
こけむし



ひる水蛭

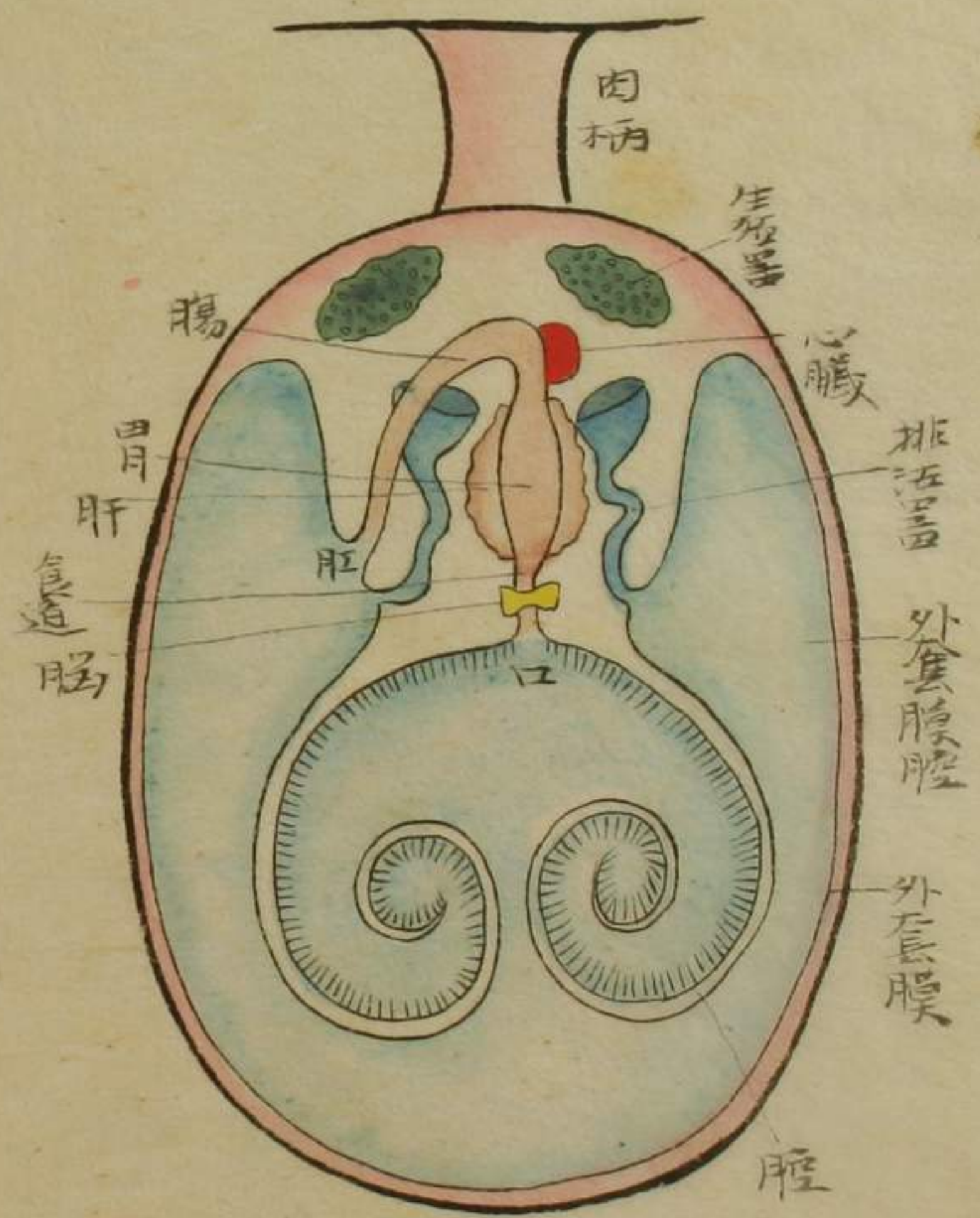


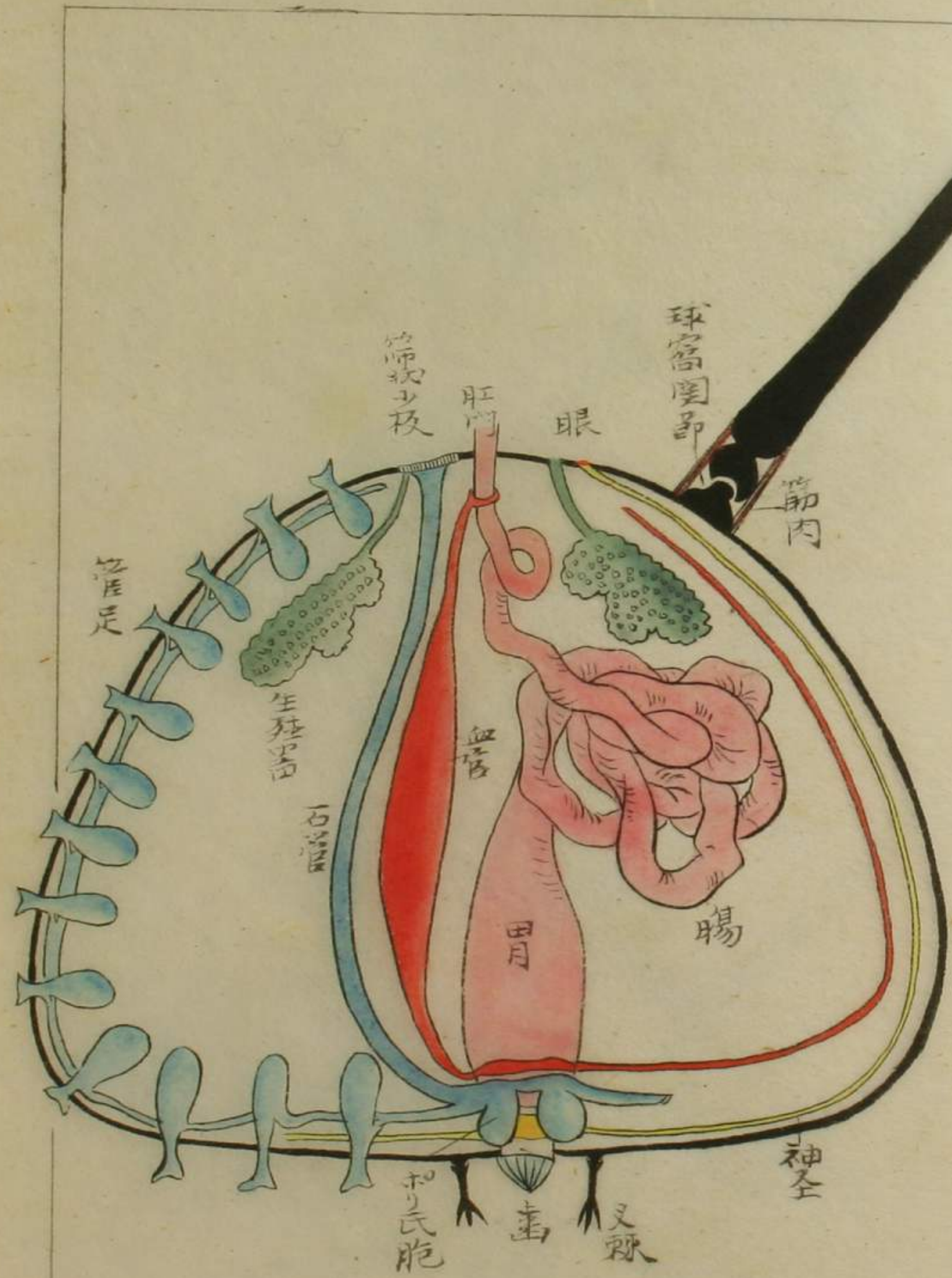




くるまふしし輪虫

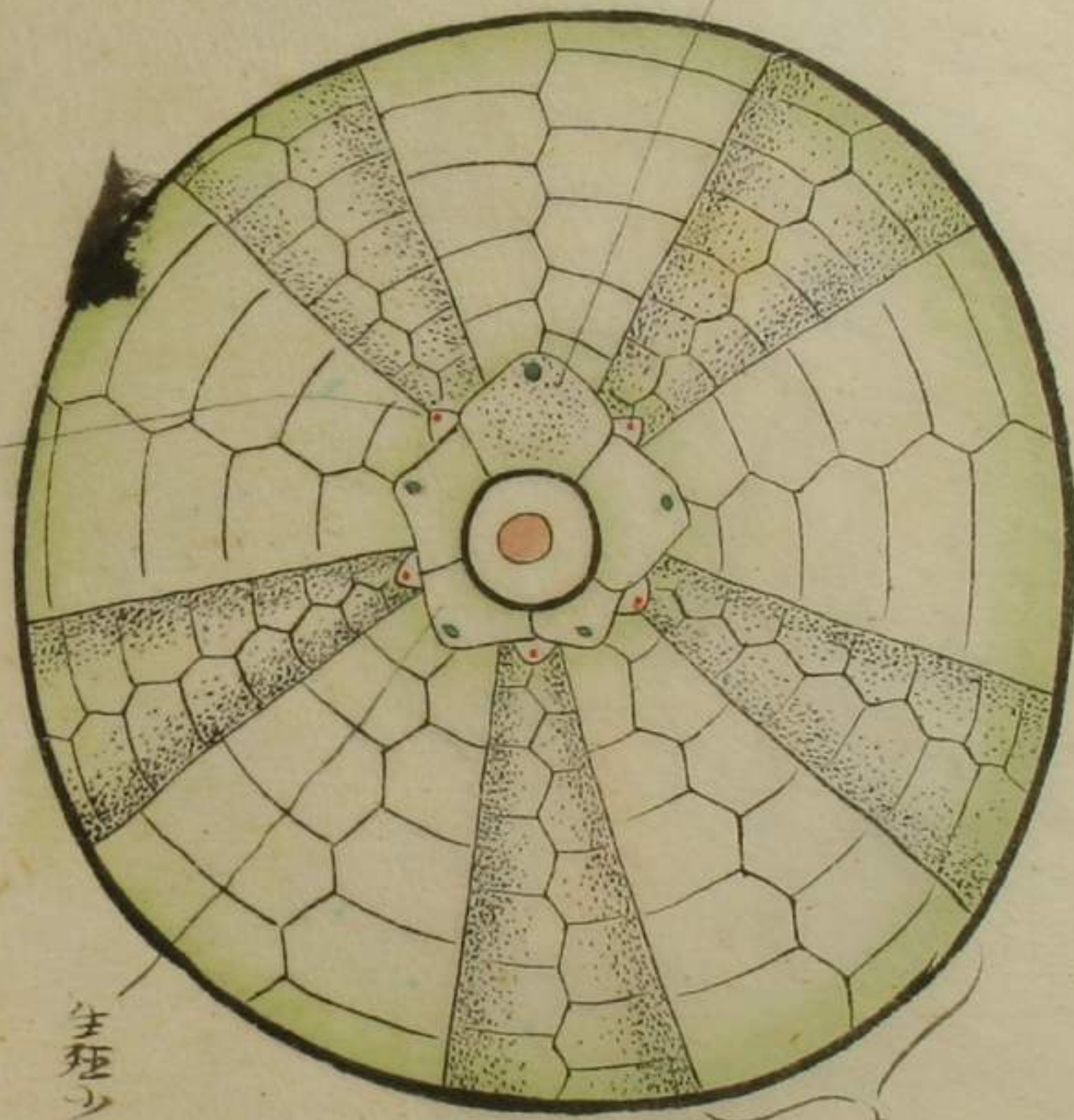
ほろつきむひ





うい  
海膽

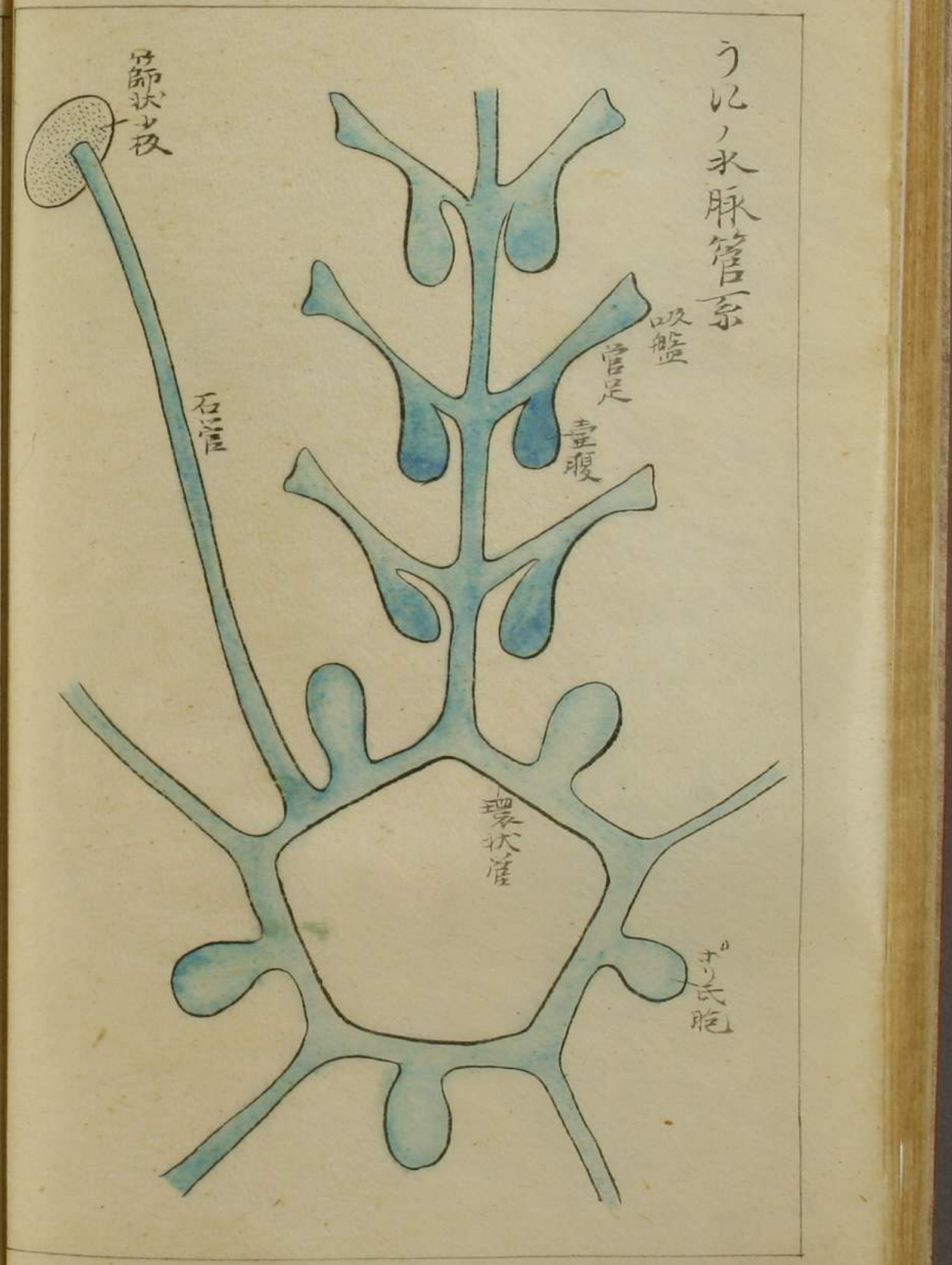
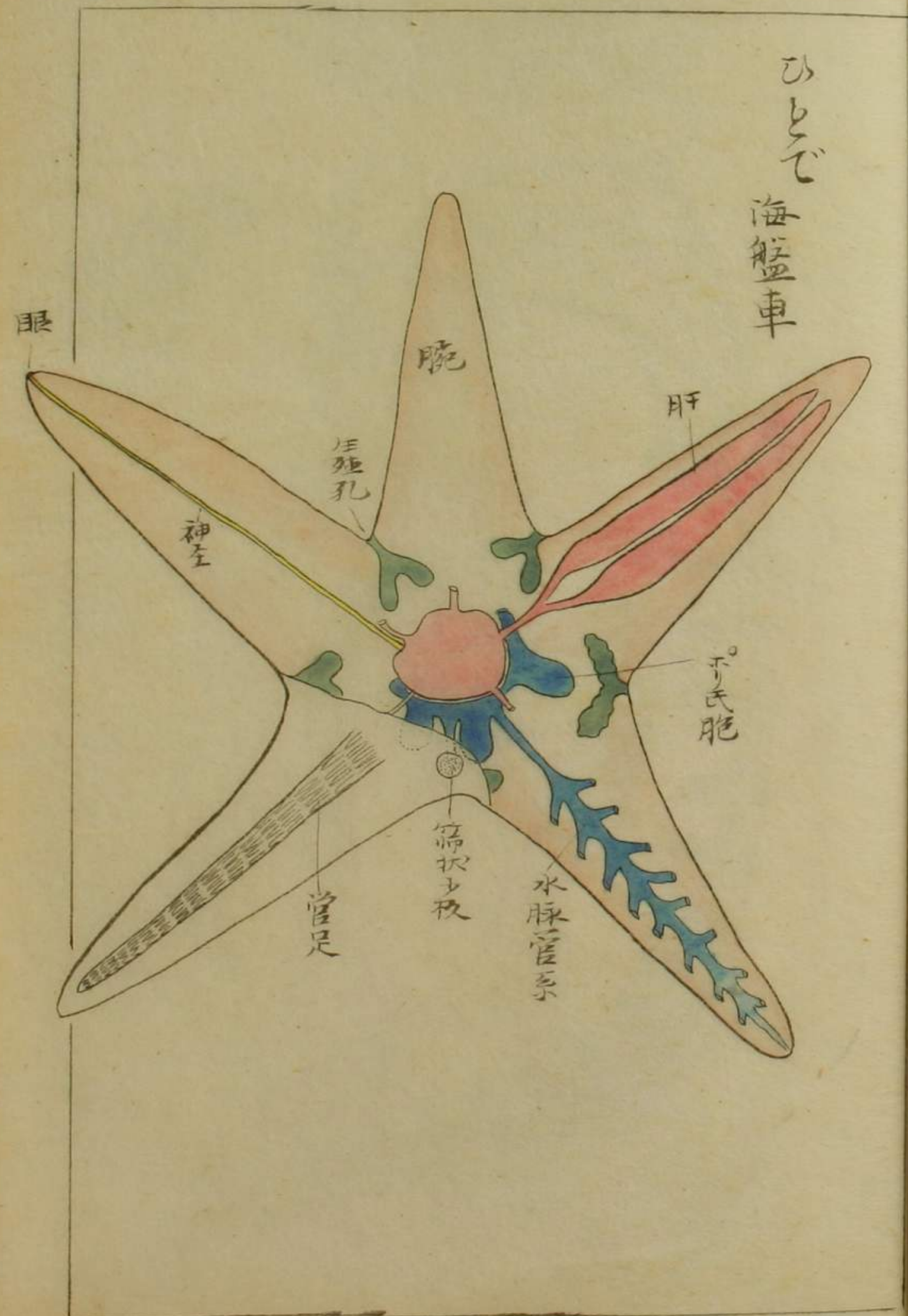
擔眼少板

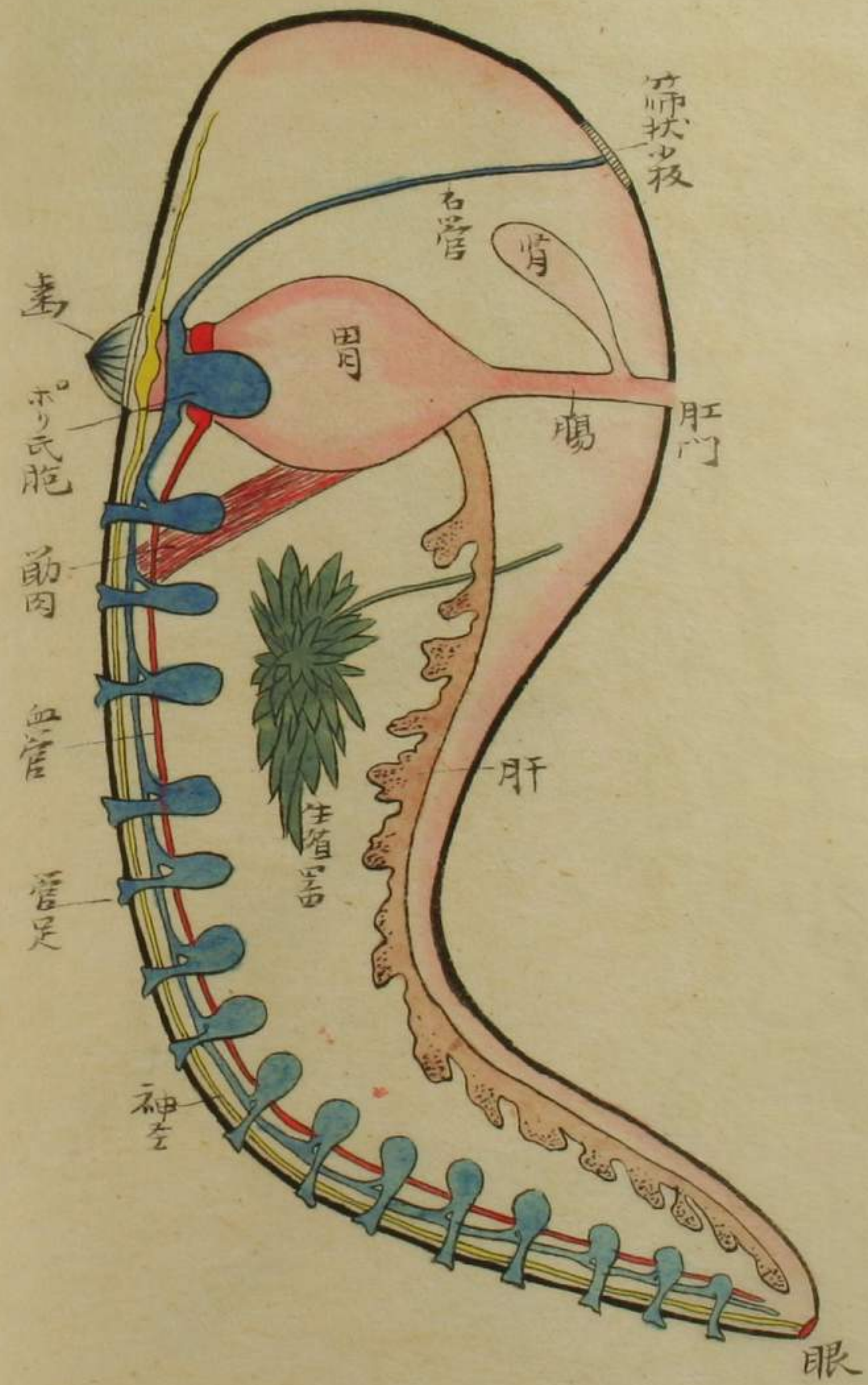


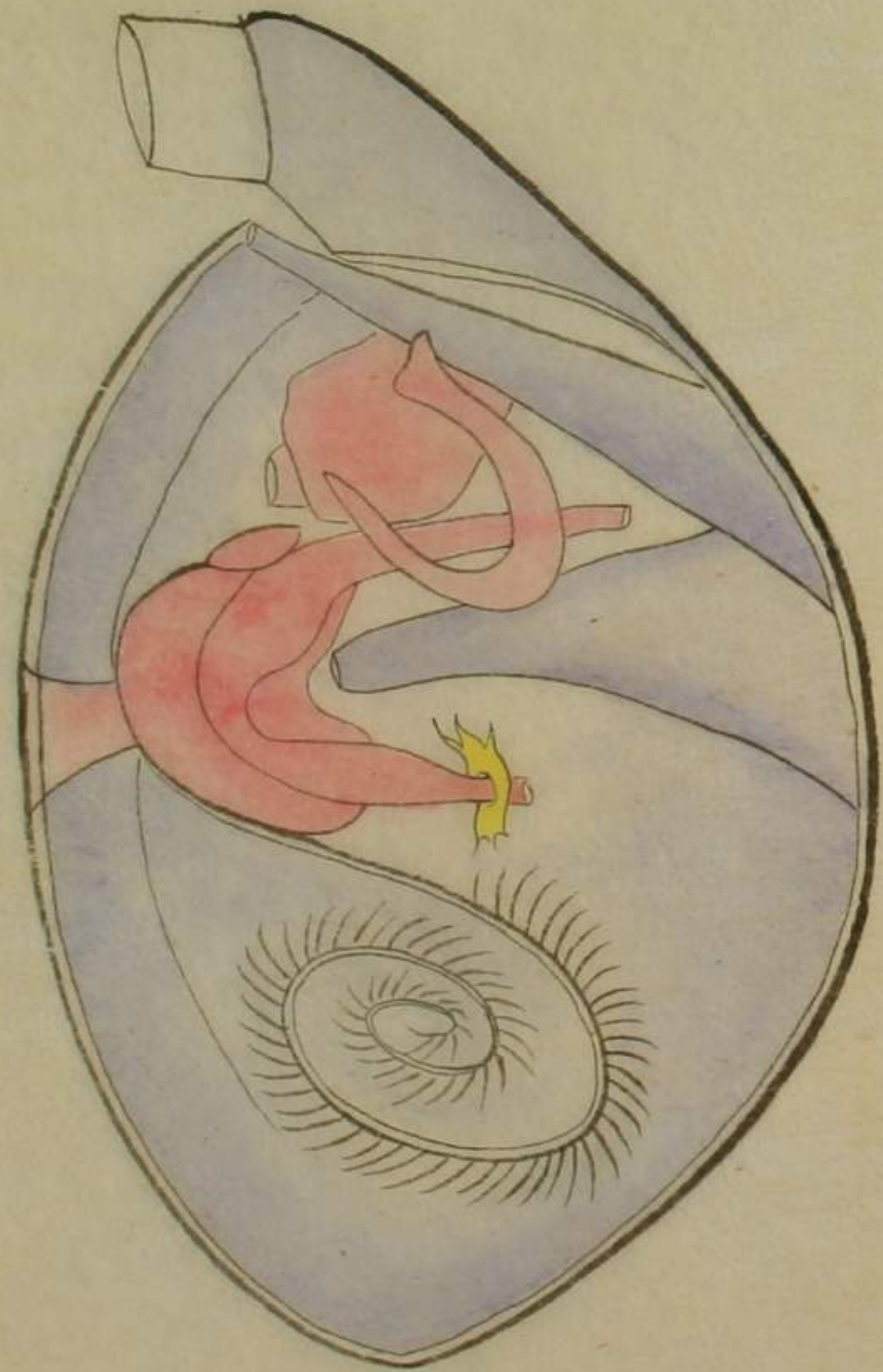
生髮少板

步行帶

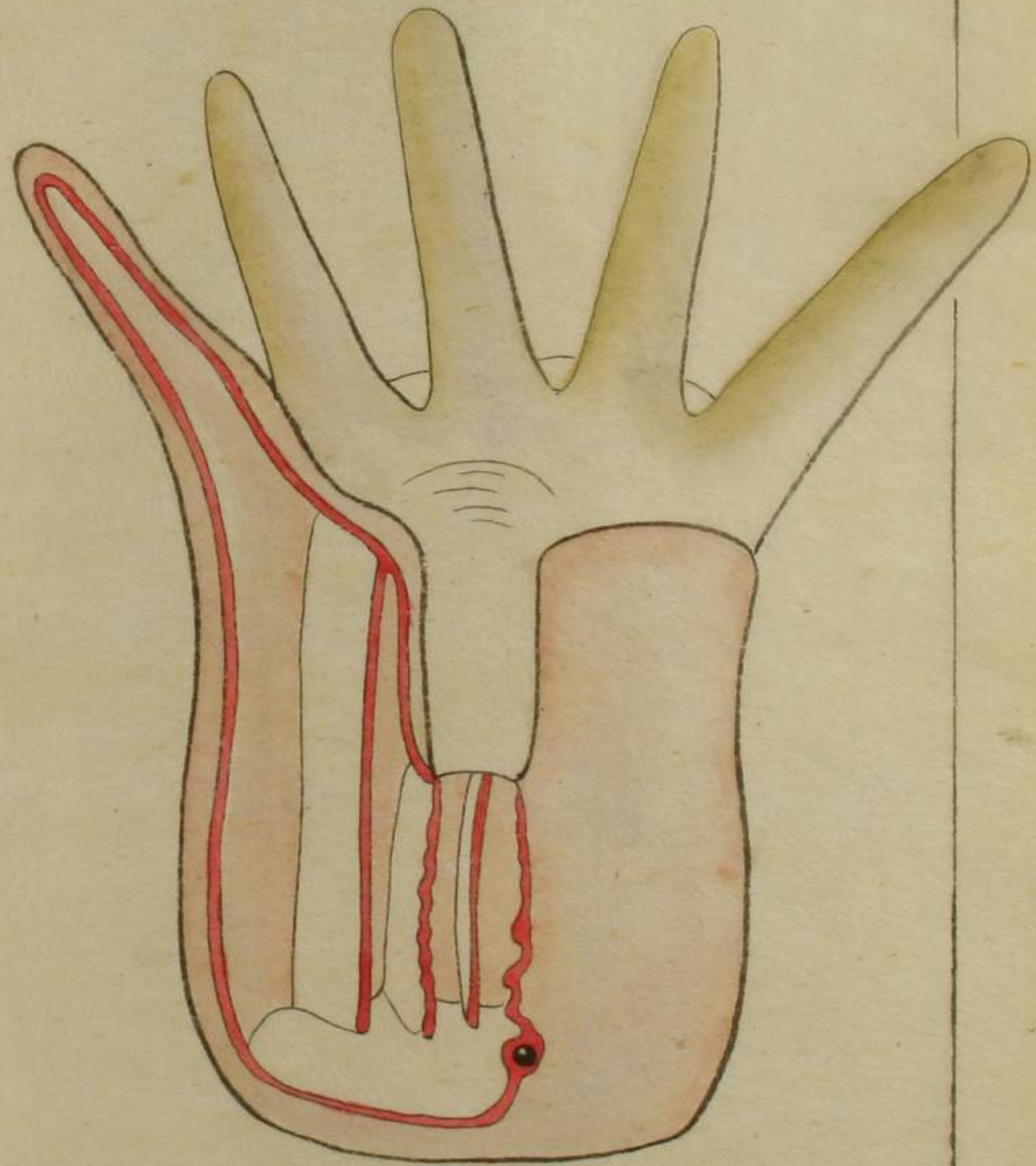
步行間帶

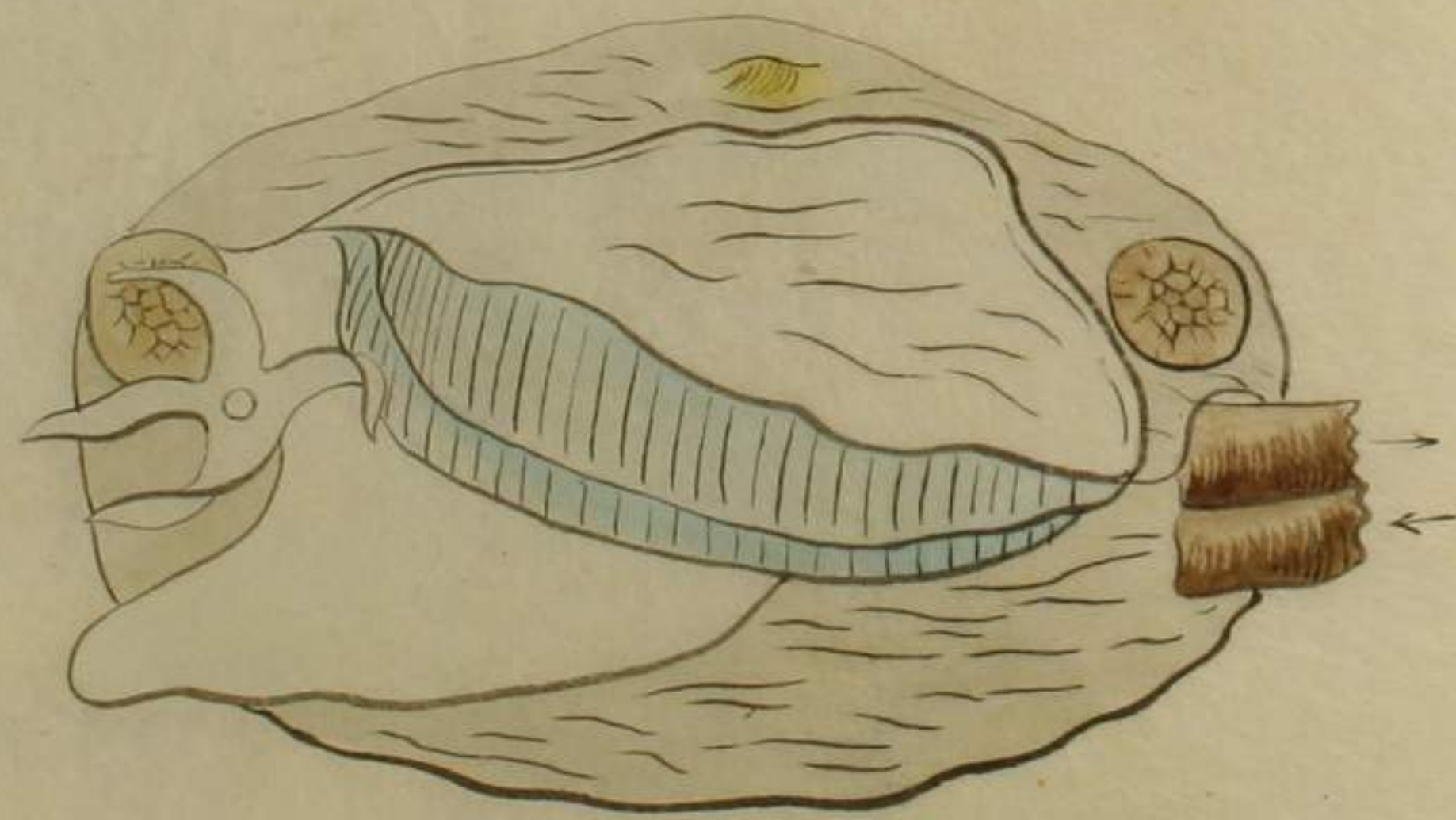
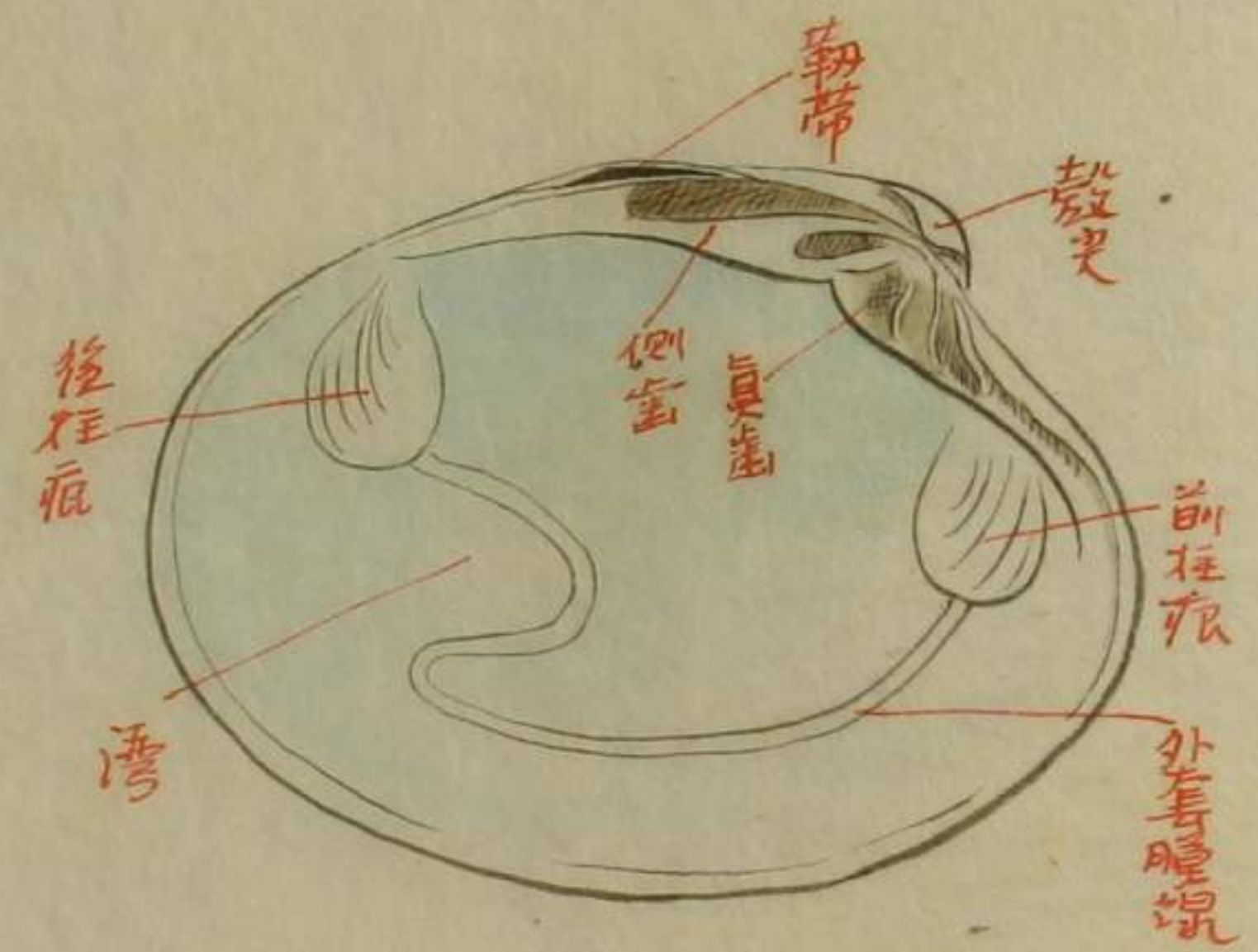


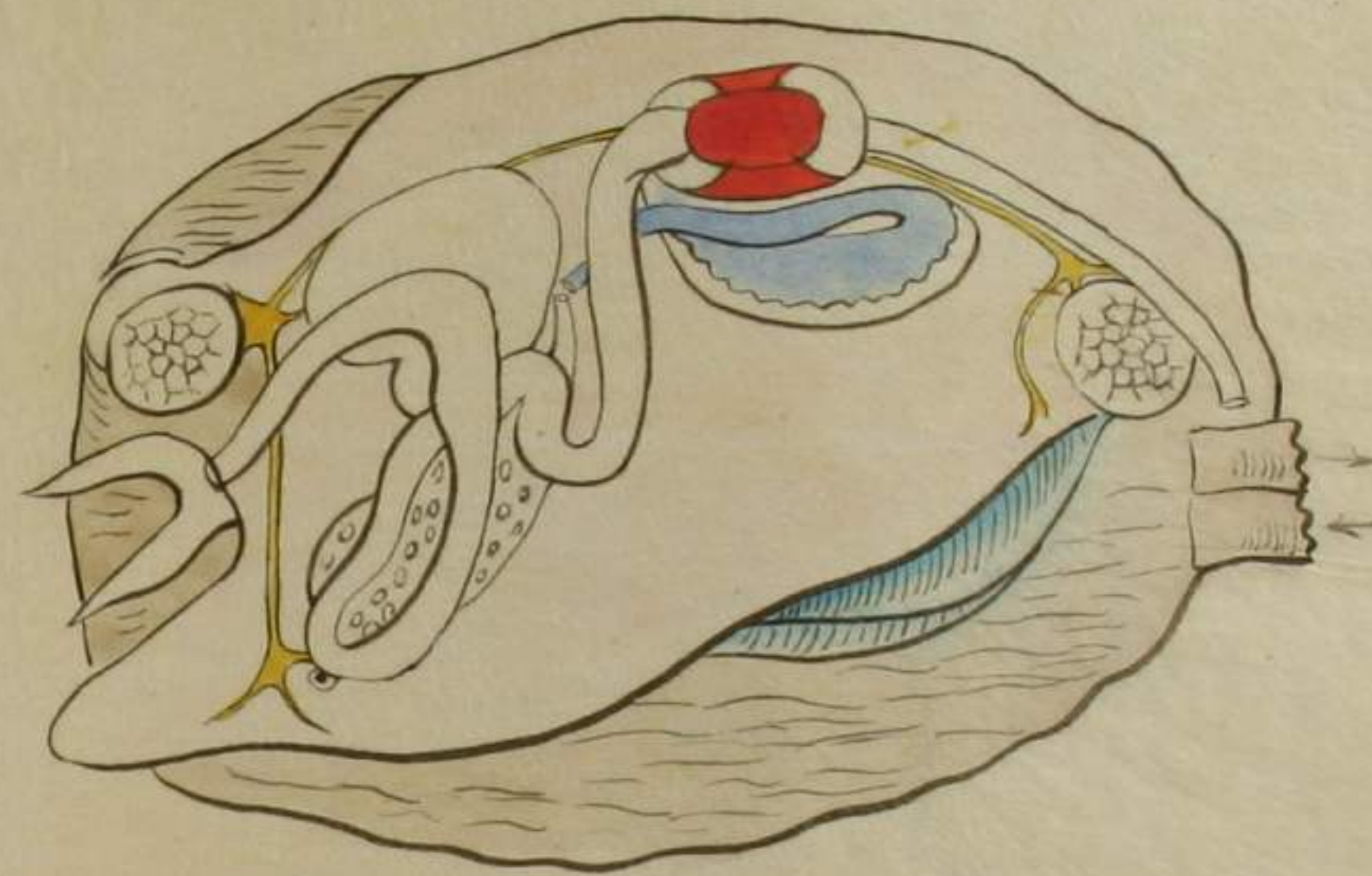
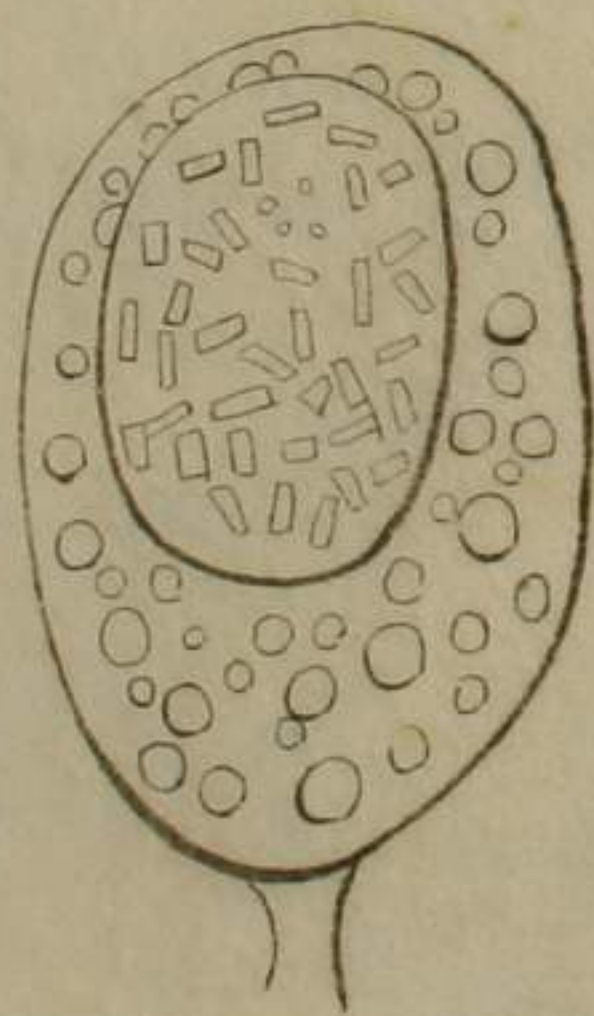
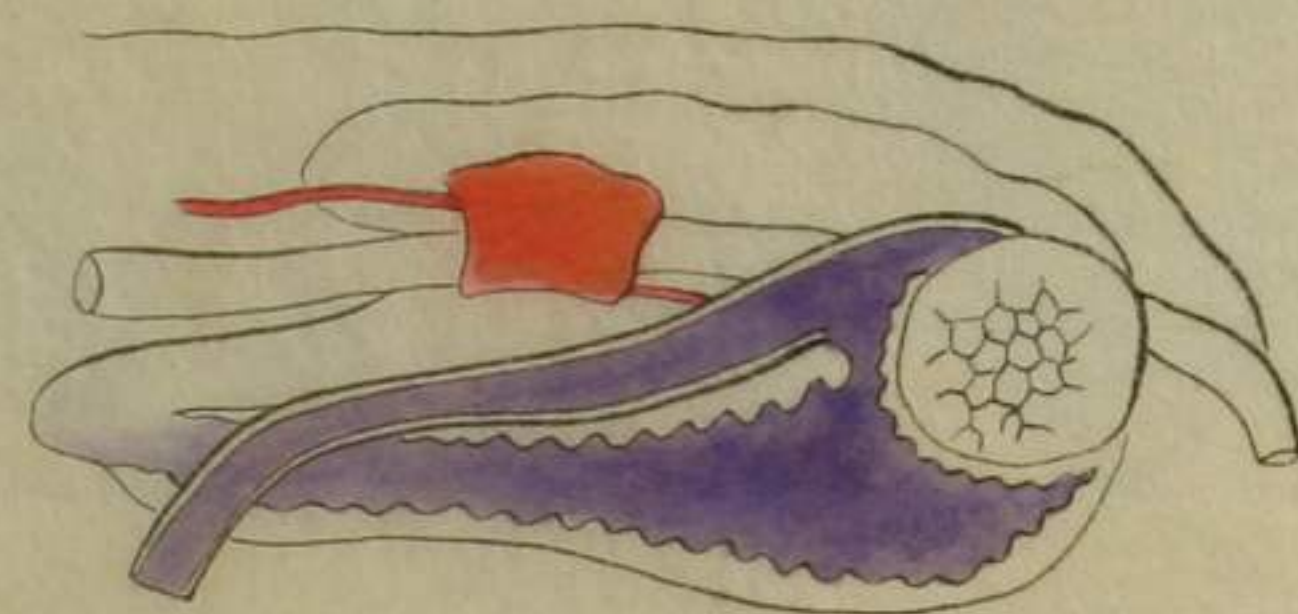


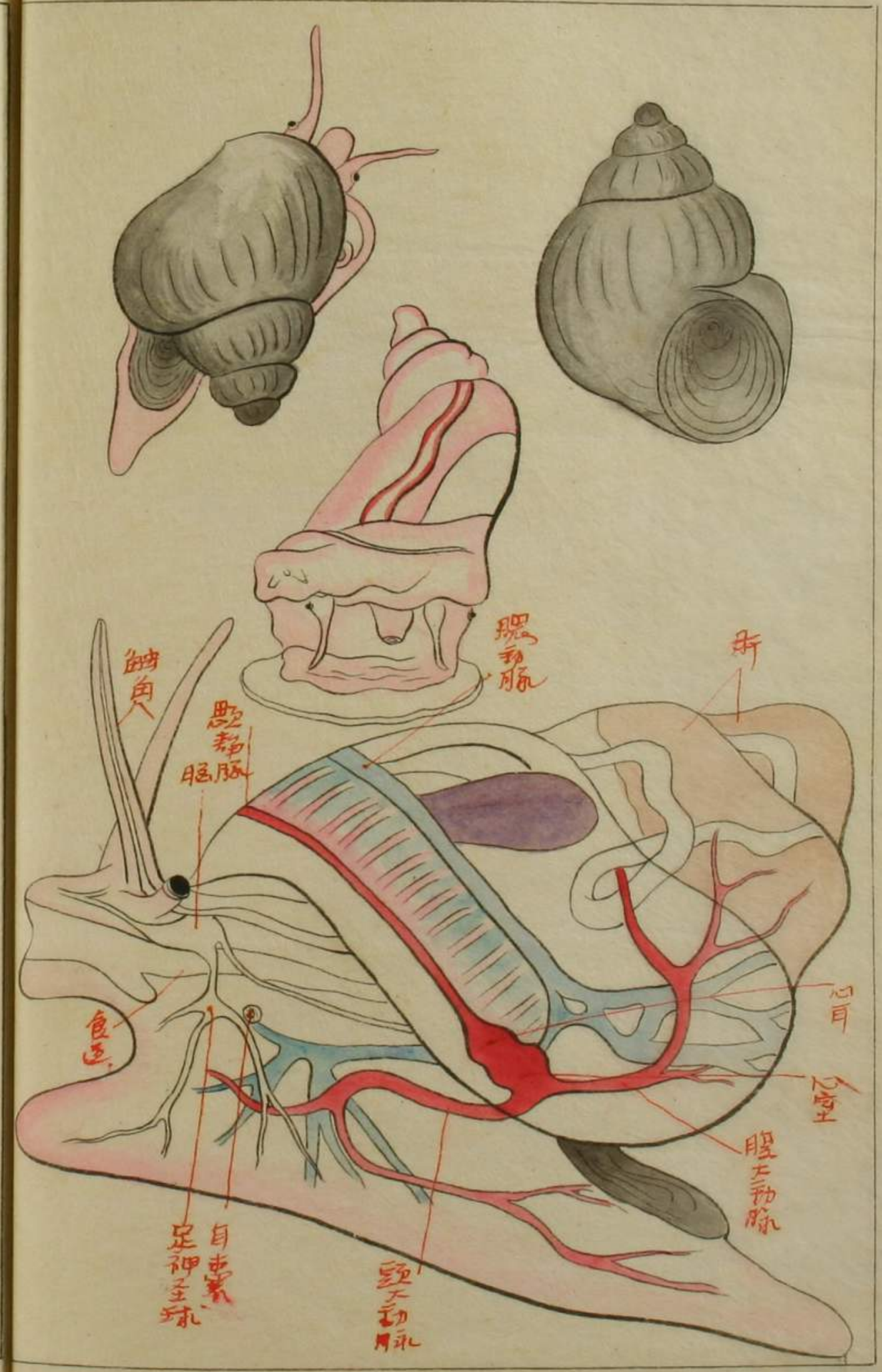
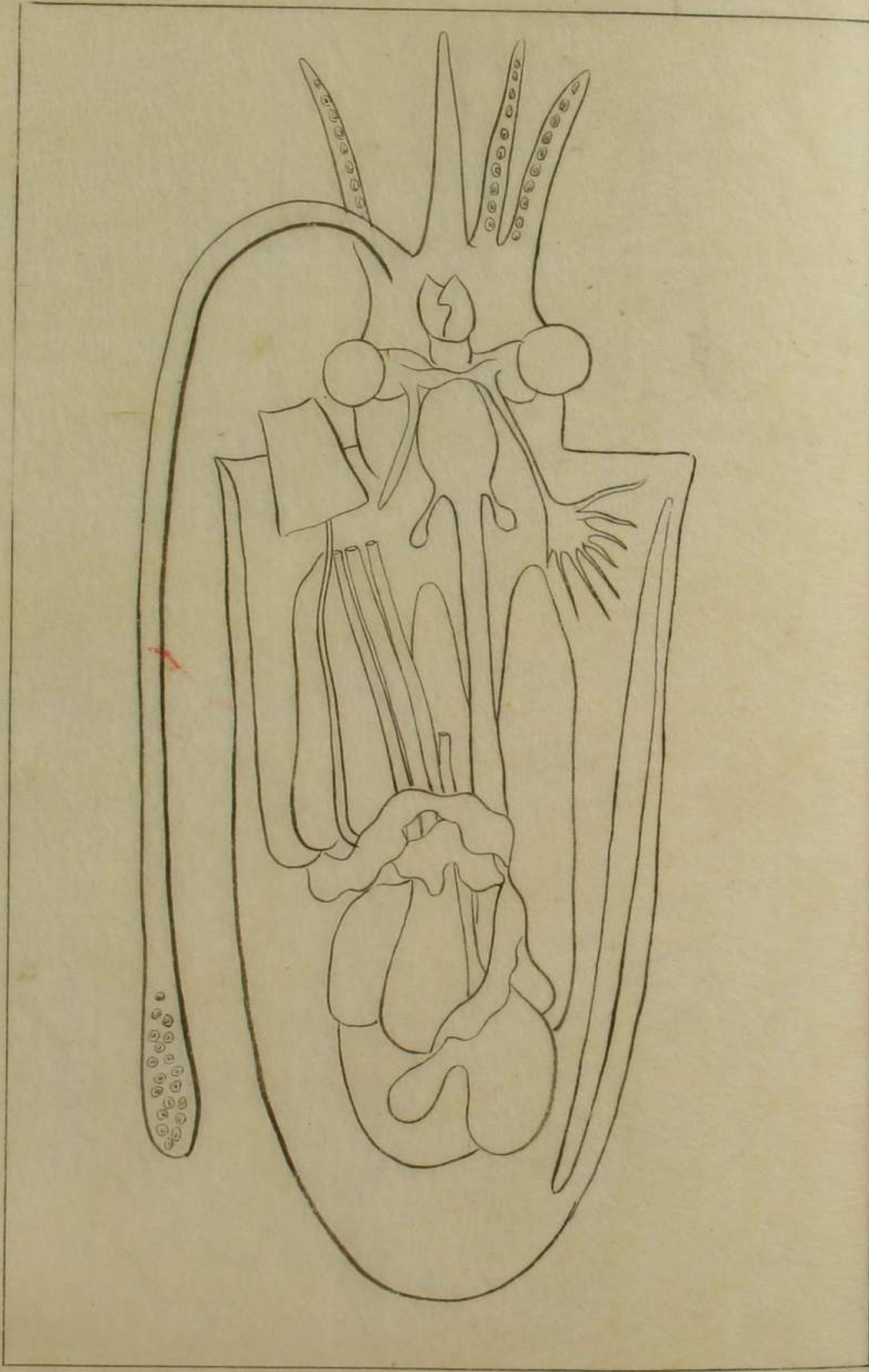


ひかきつゝほ

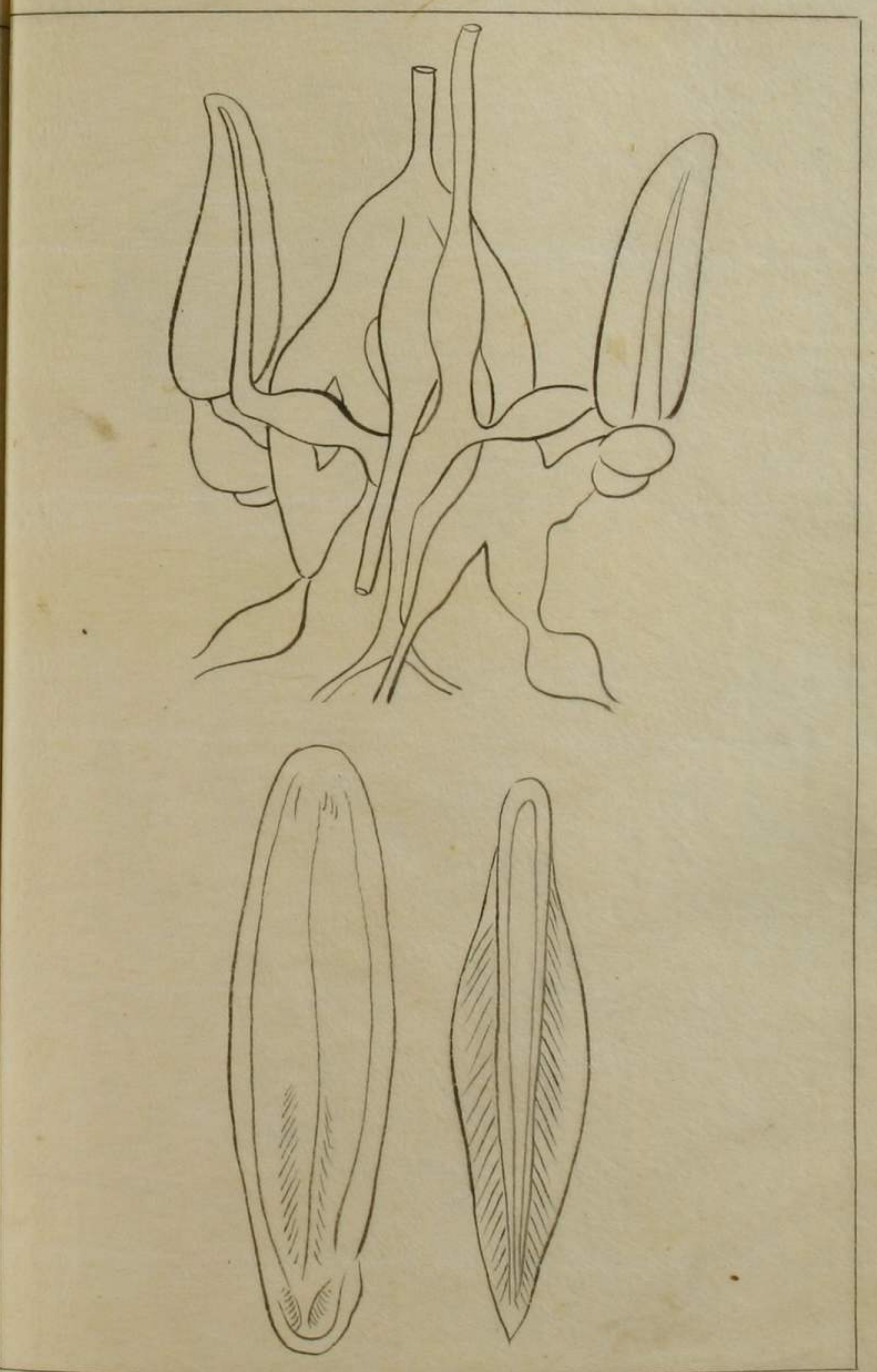
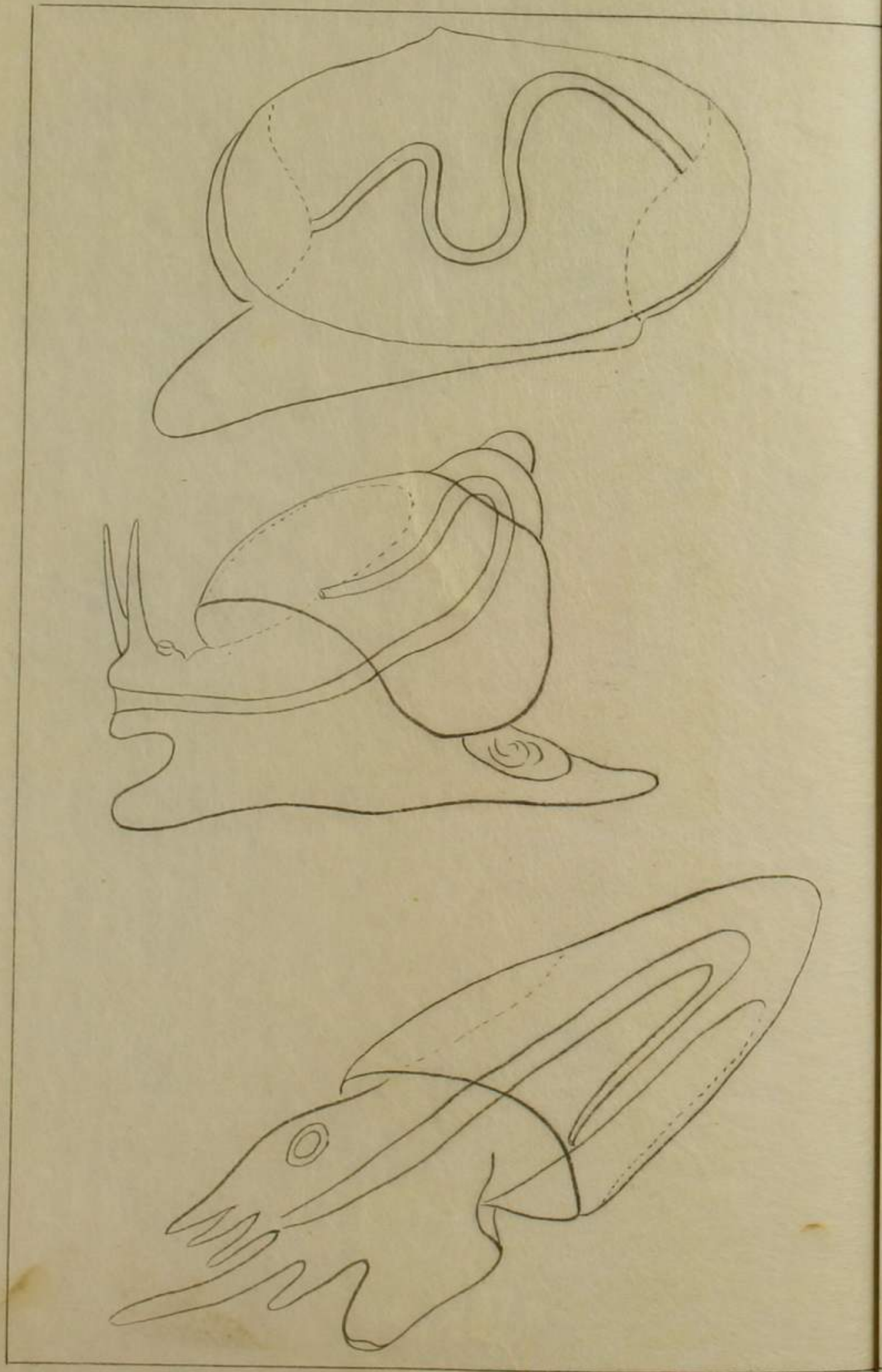






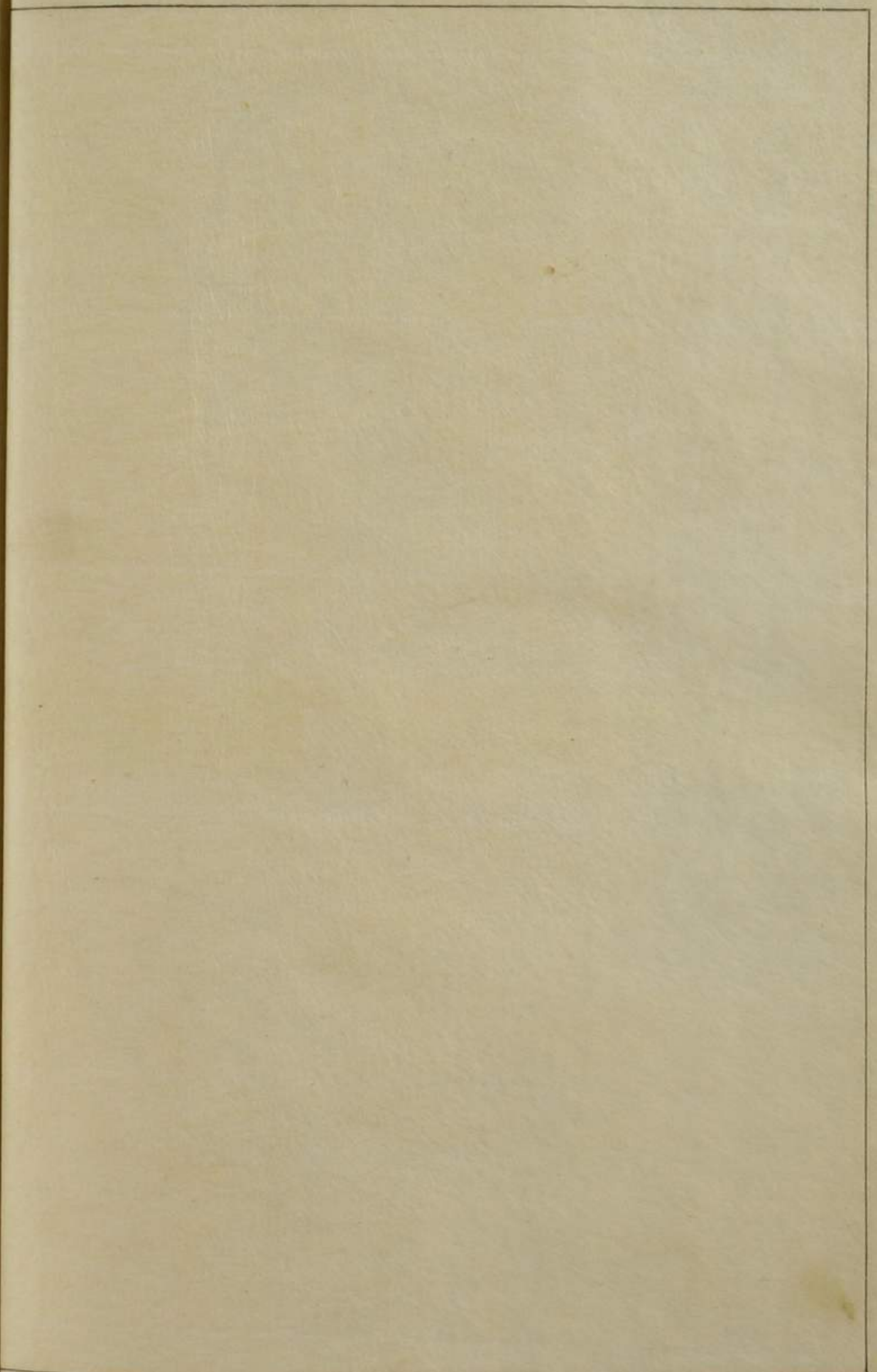
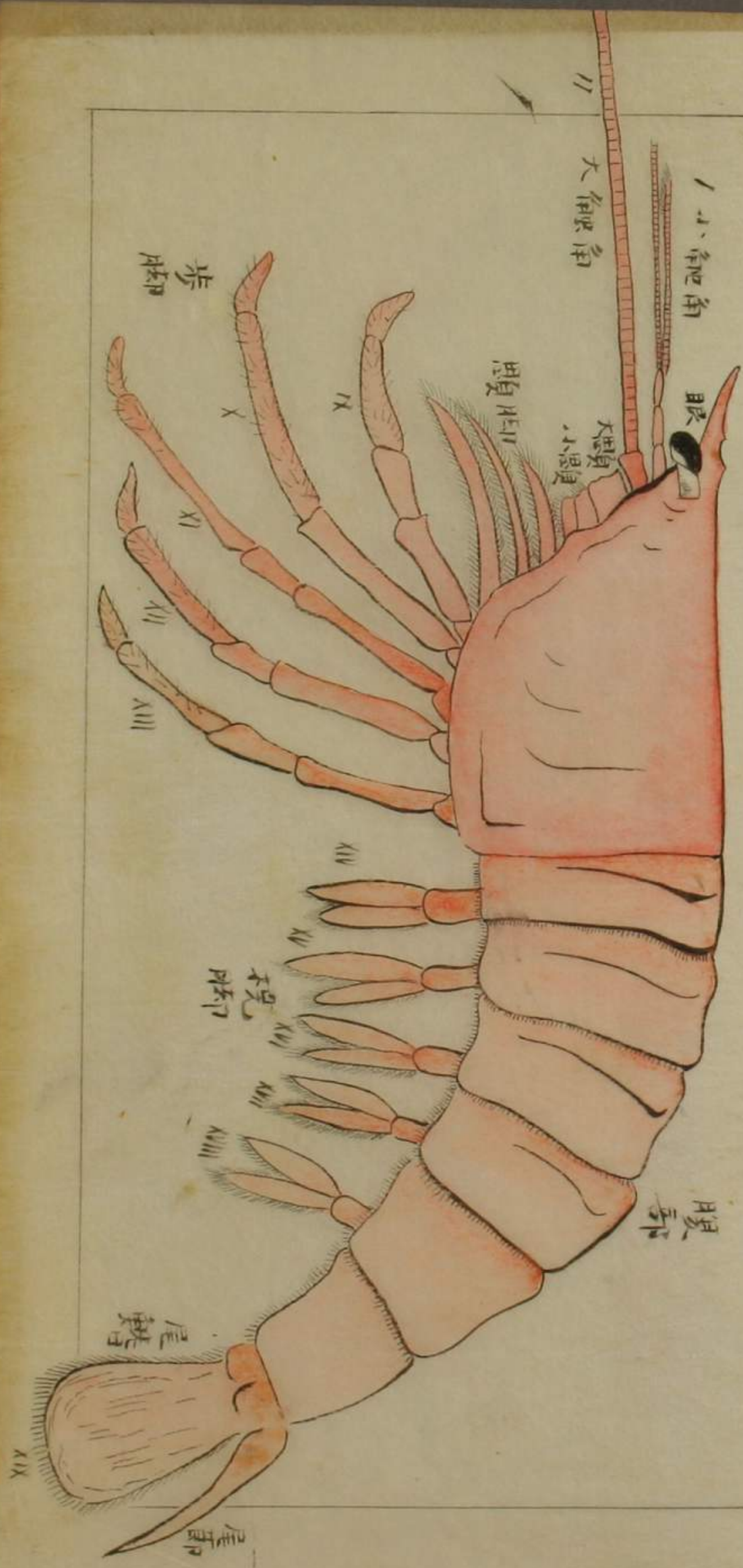




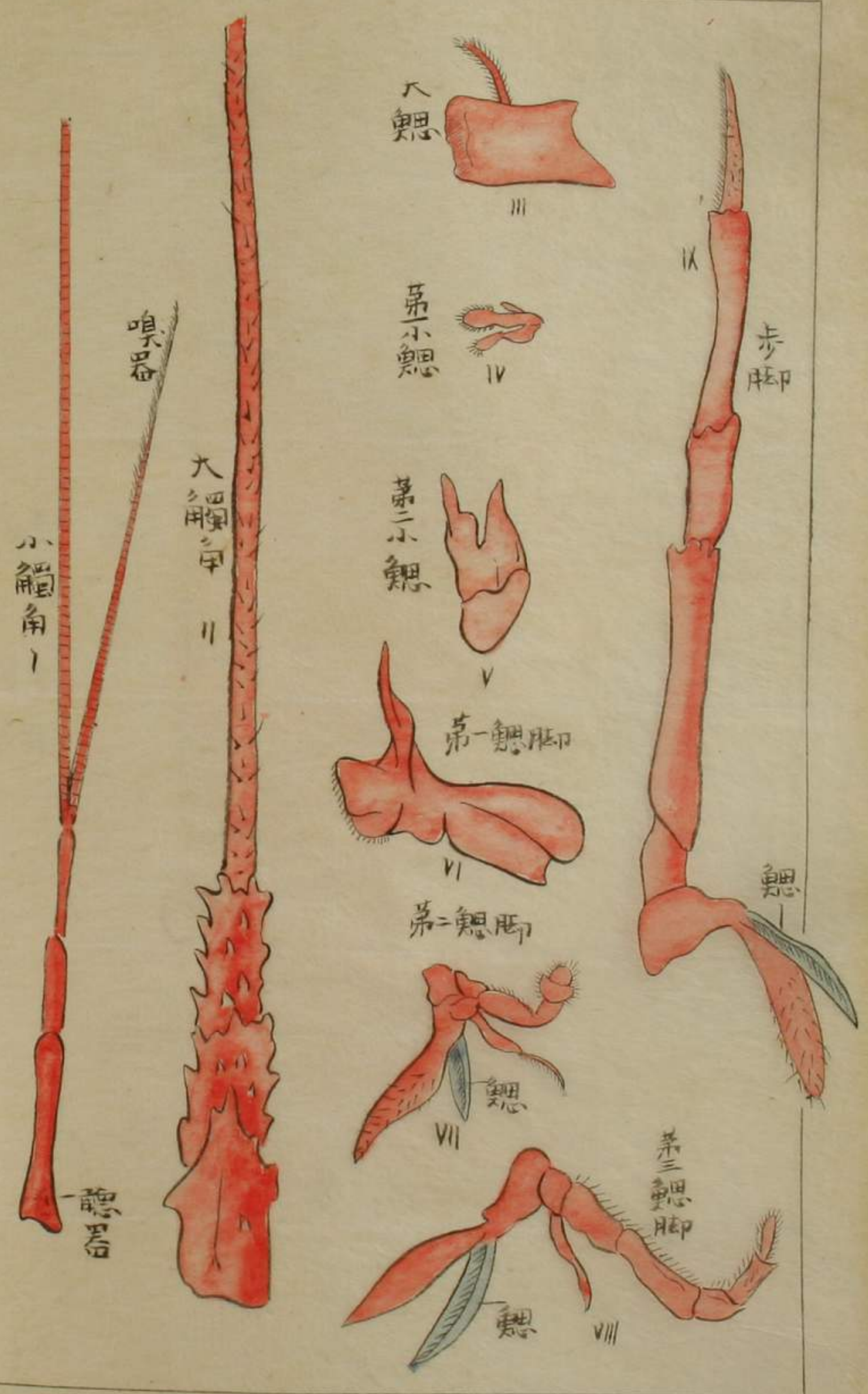


蝦、外形

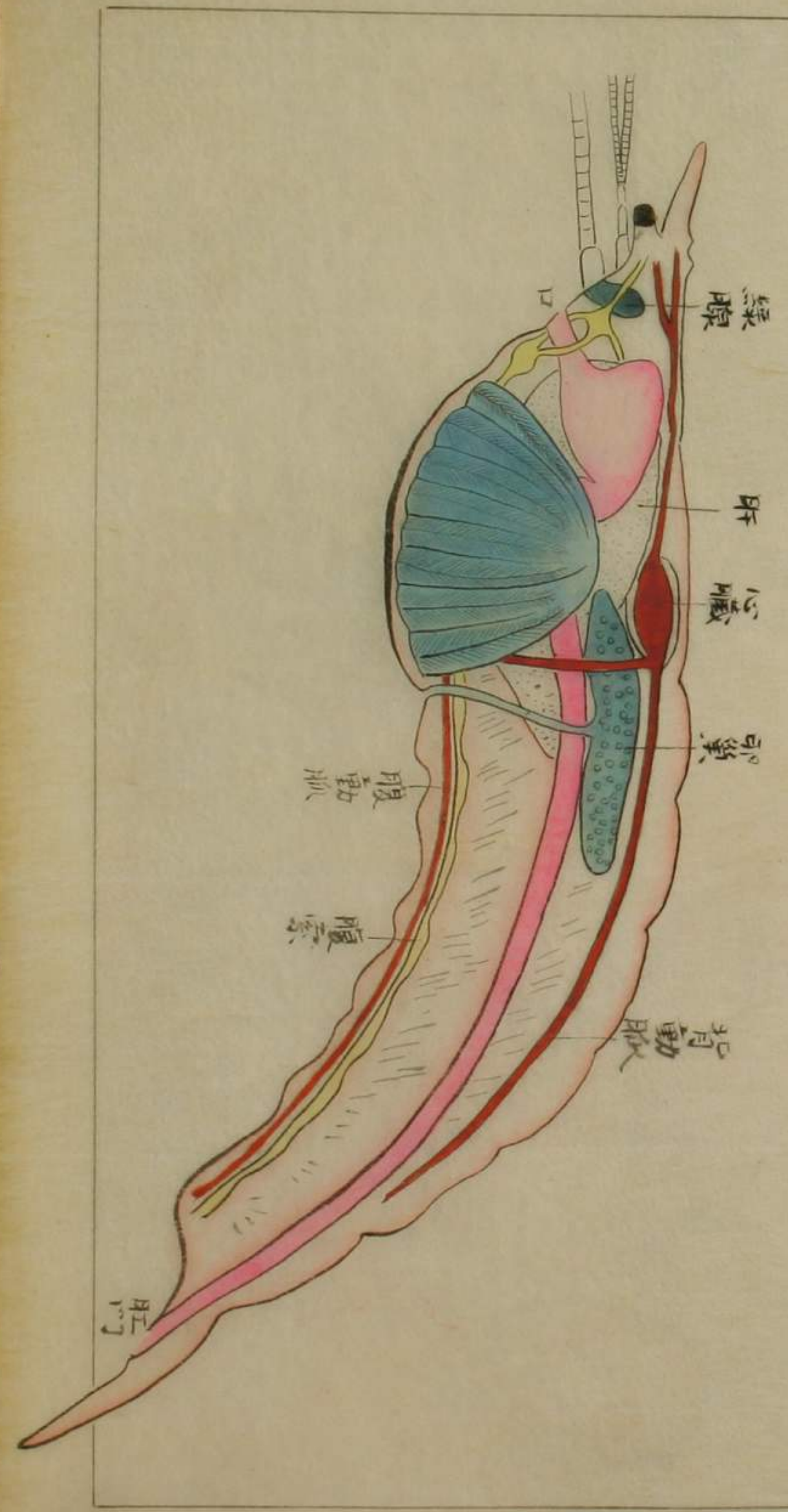
頭胸部



蝦、副器

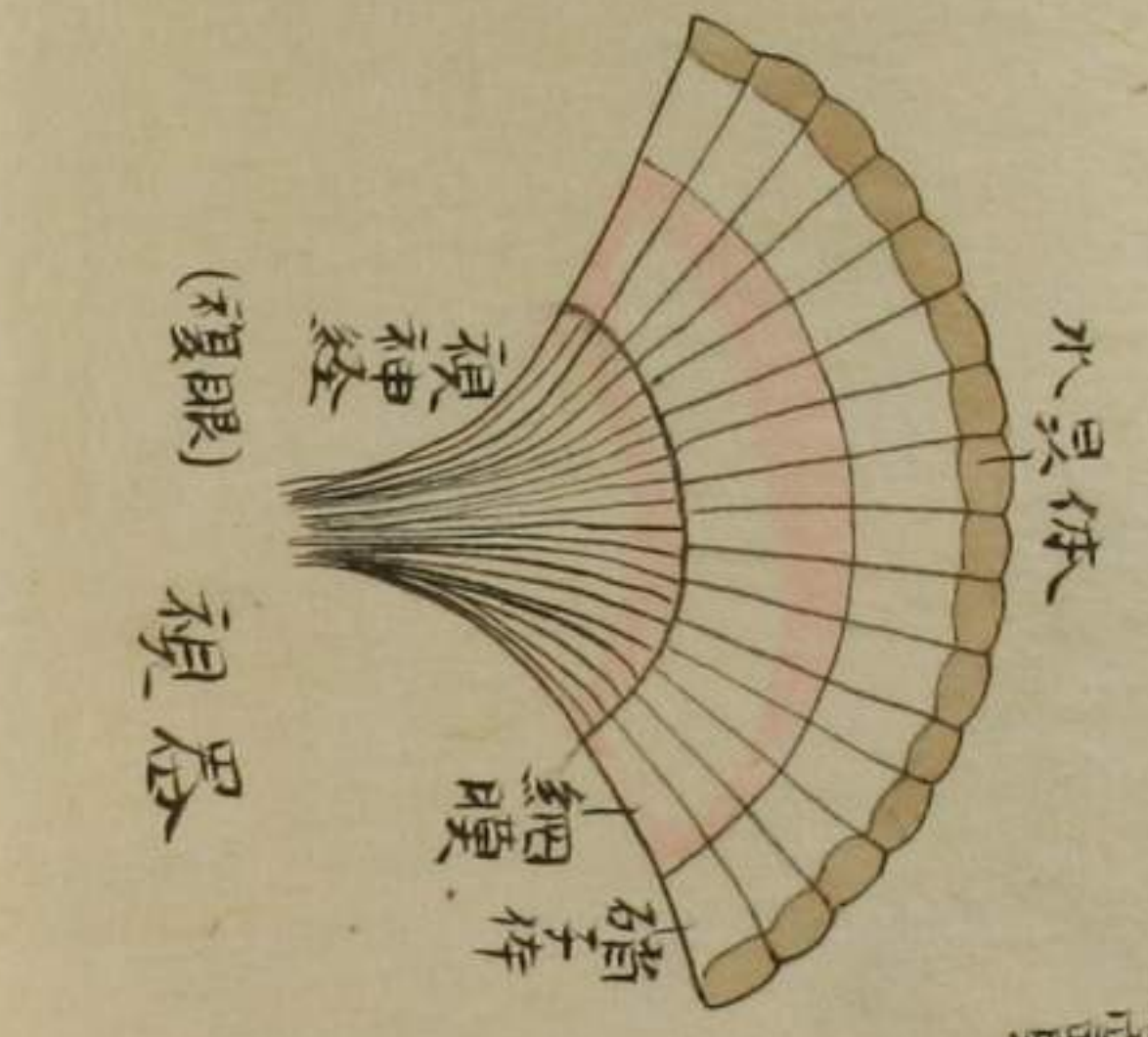
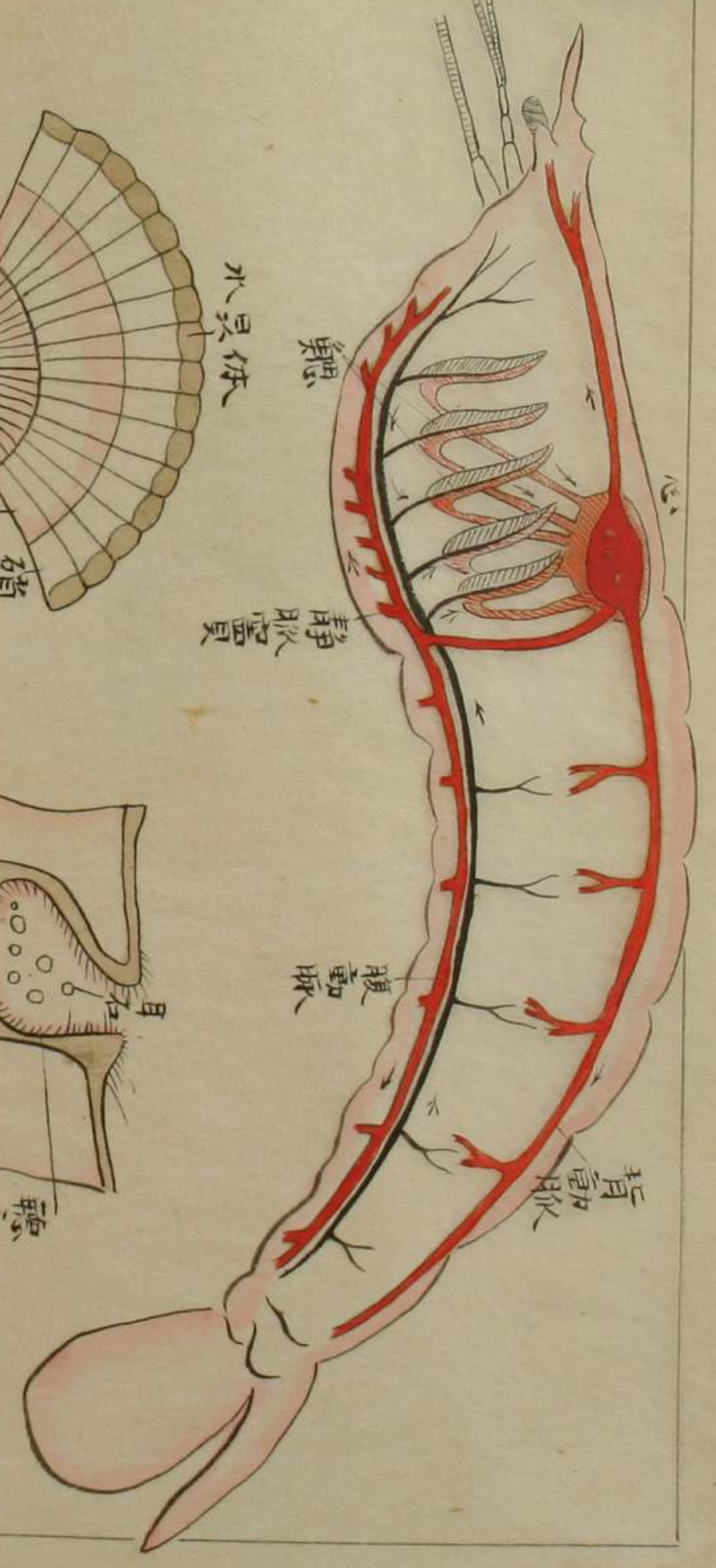


蝦、内臟

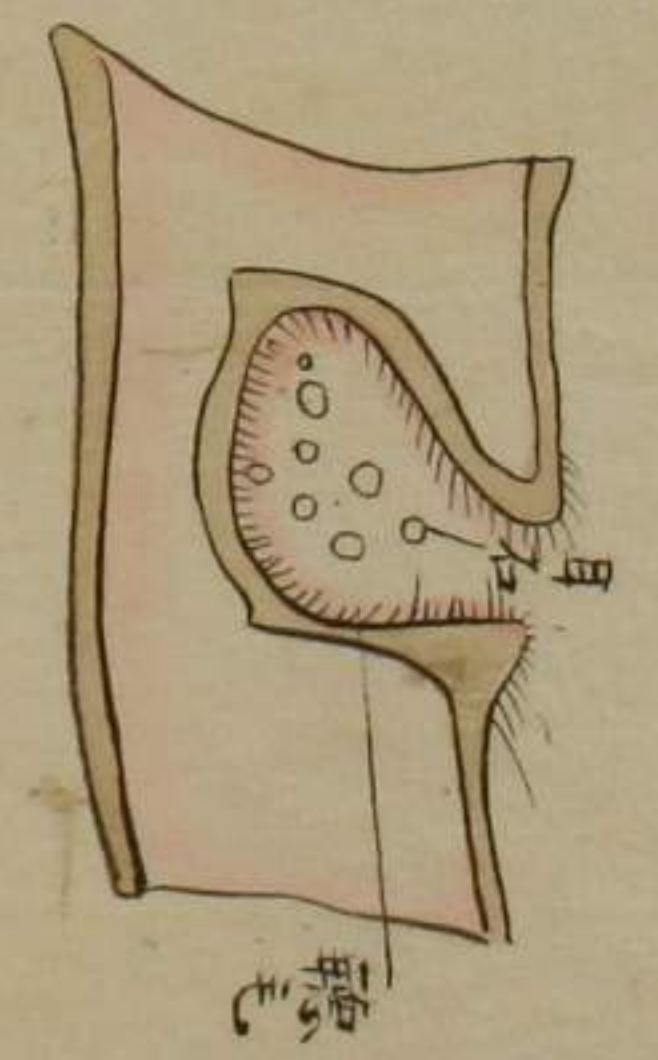


系管血，軀

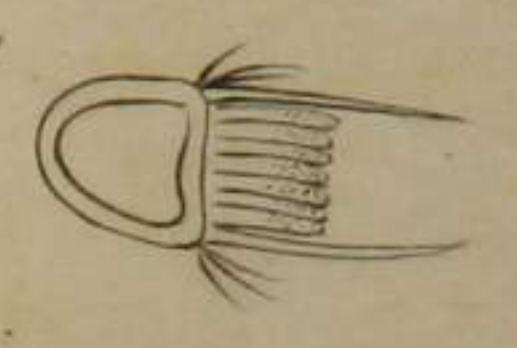
器覺感



(複眼) 視器

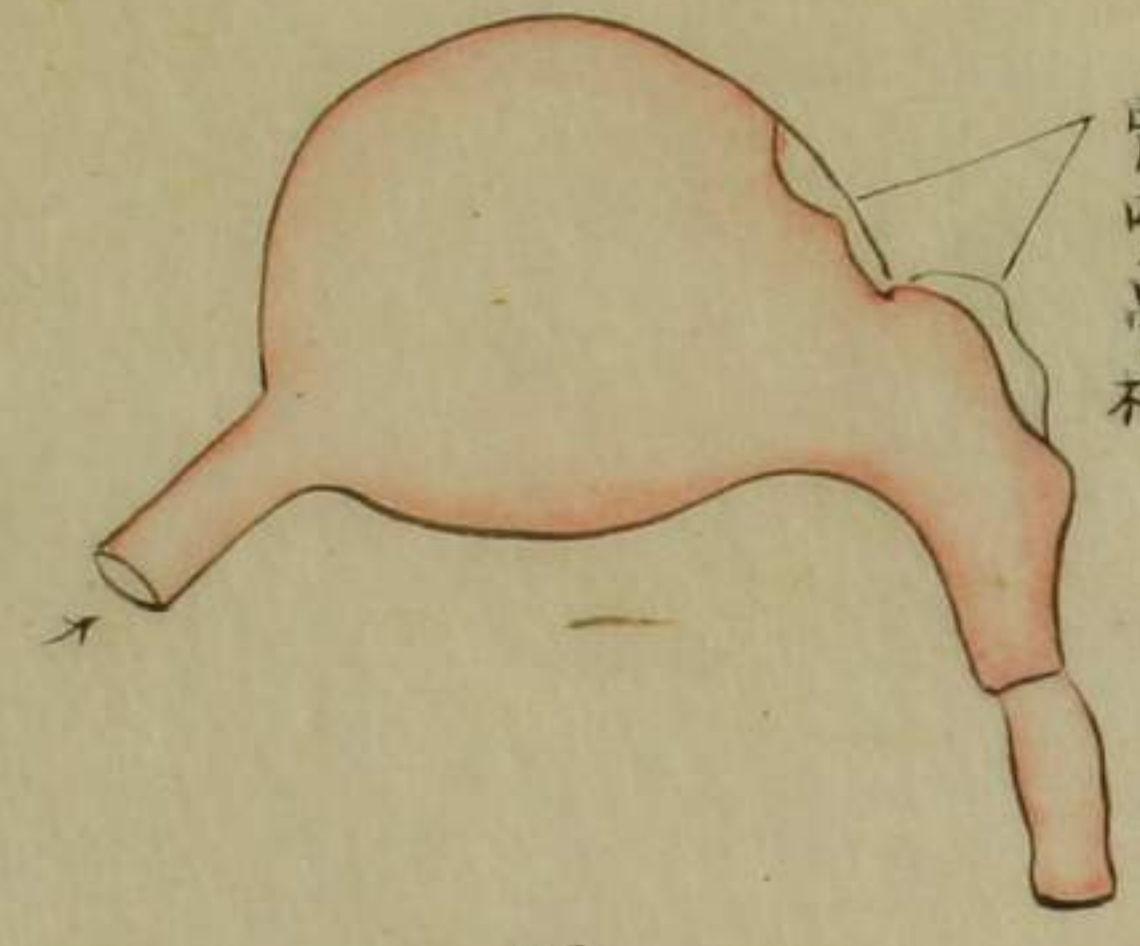


聽器

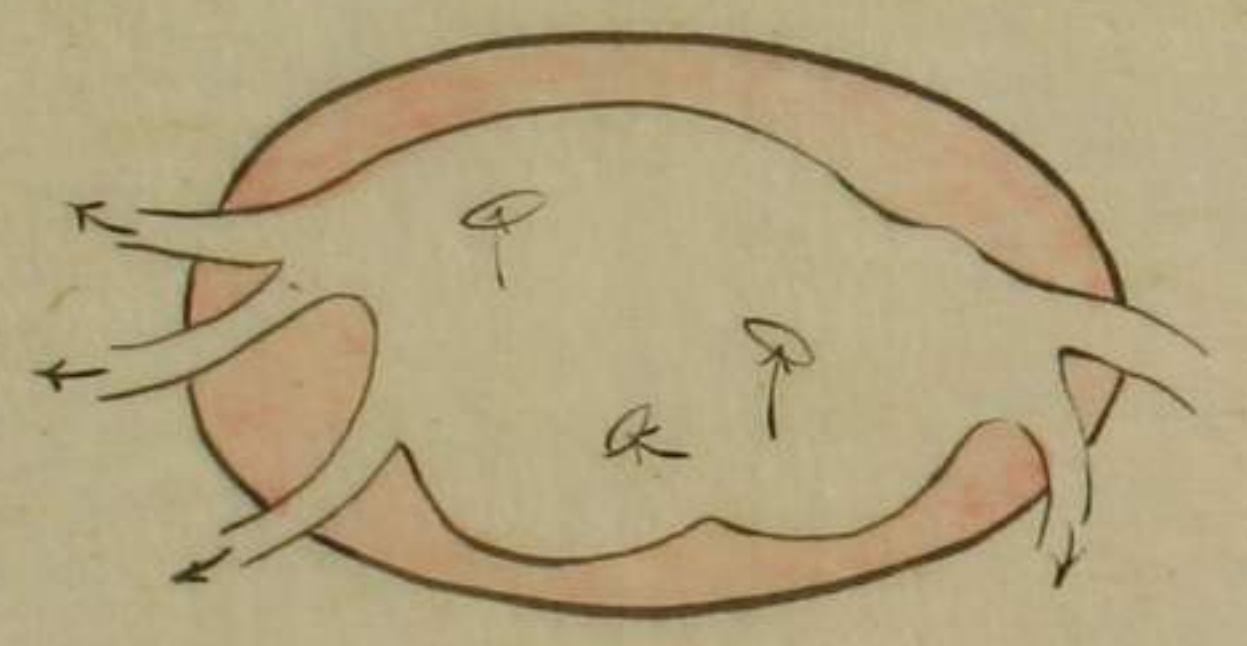


嗅器

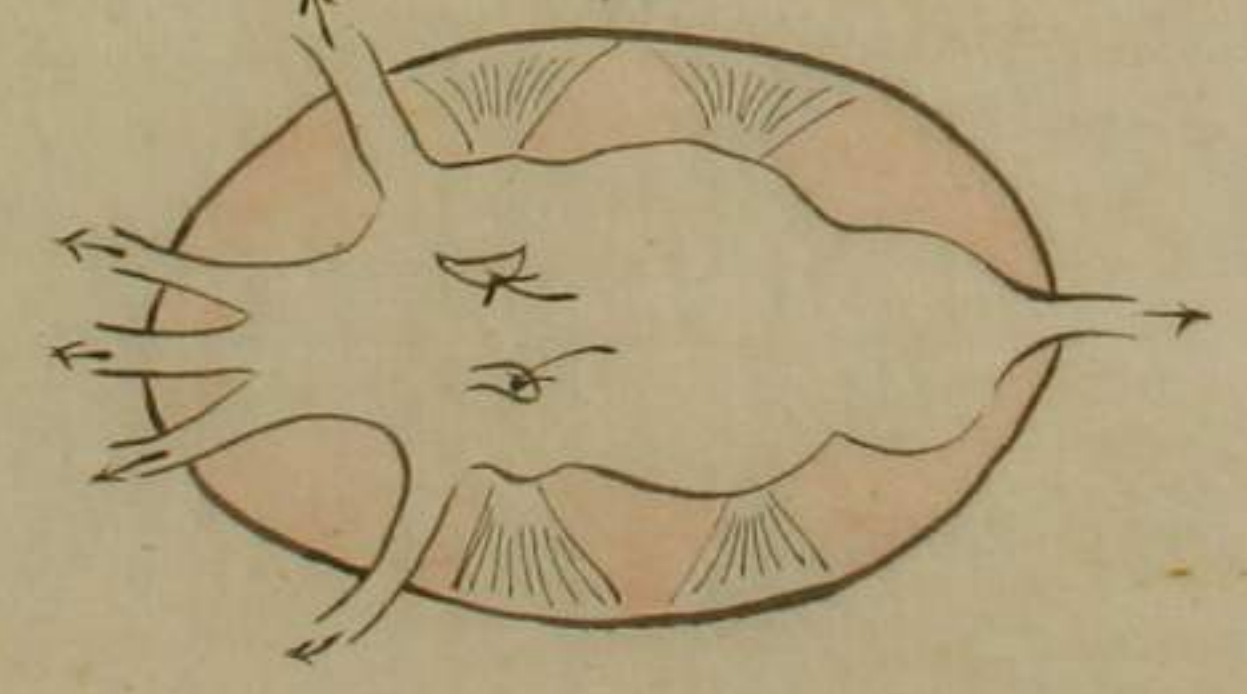
胃內骨格

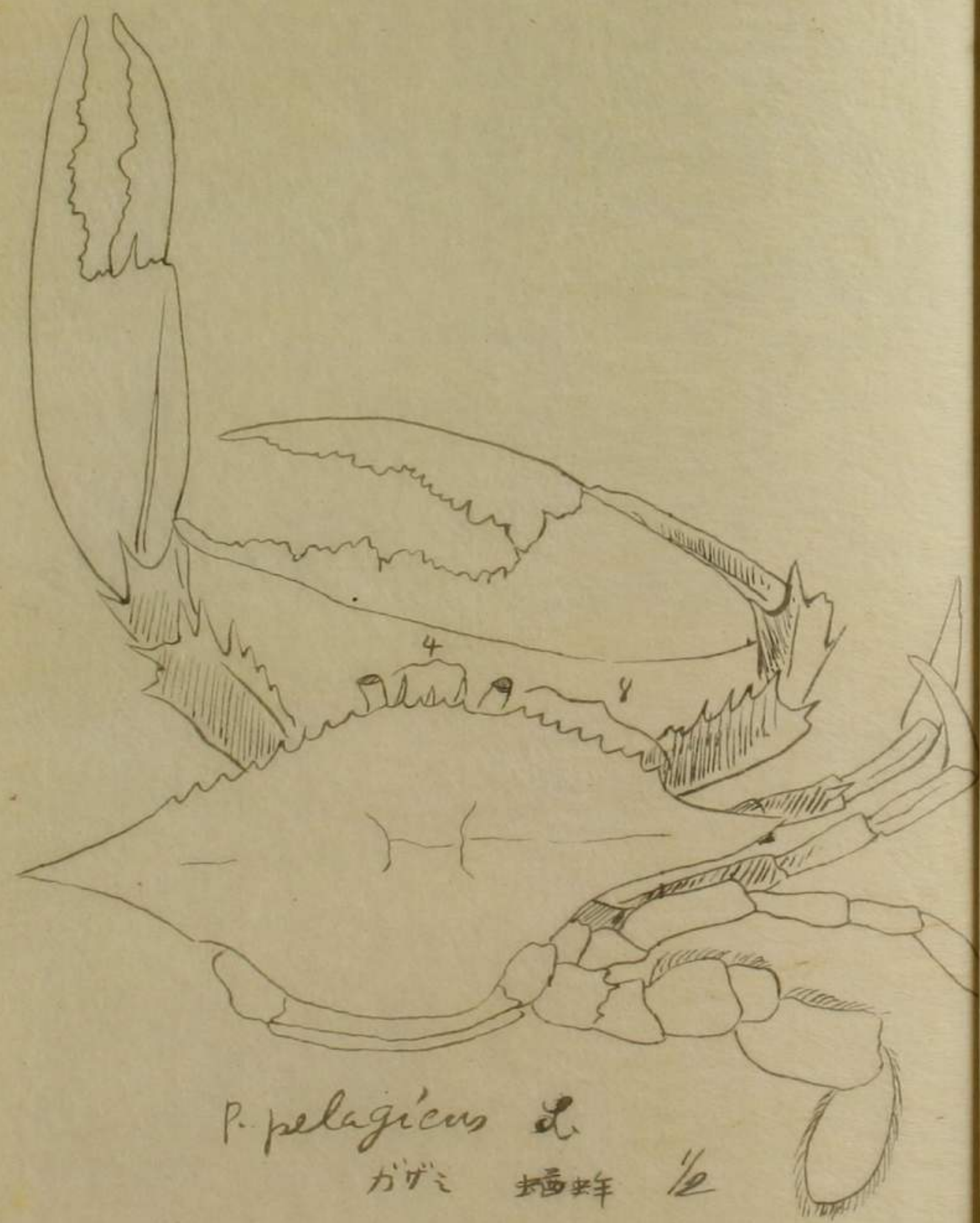


心囊



心囊



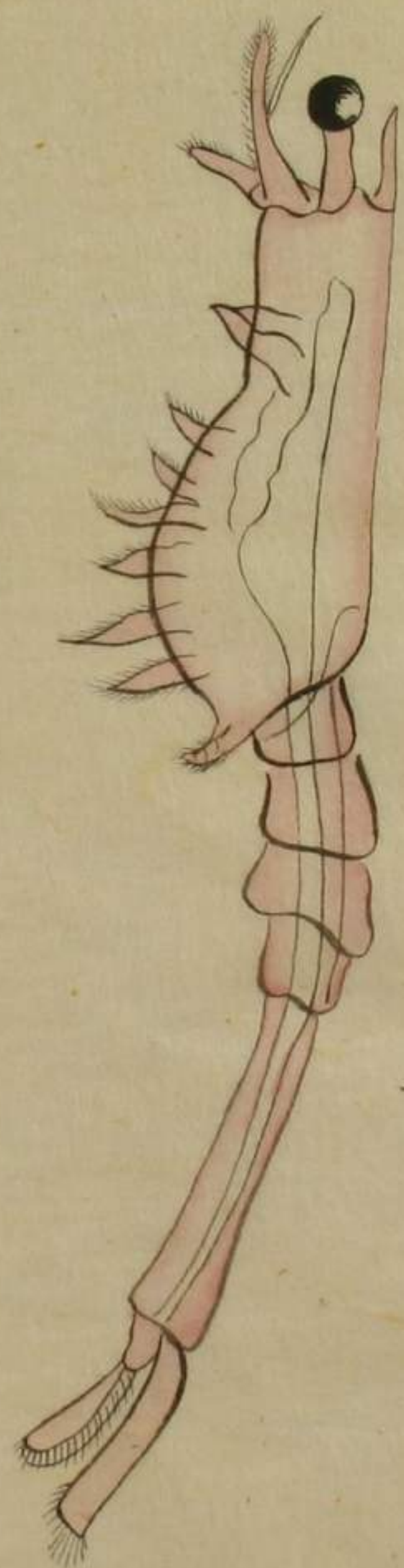


*P. pelagicus* ♂  
ガザミ 蟻蚌 1/2

ガザミモド半 同上小形 両側ハ突起中  
実大=図×3/4



虫幼 期一第



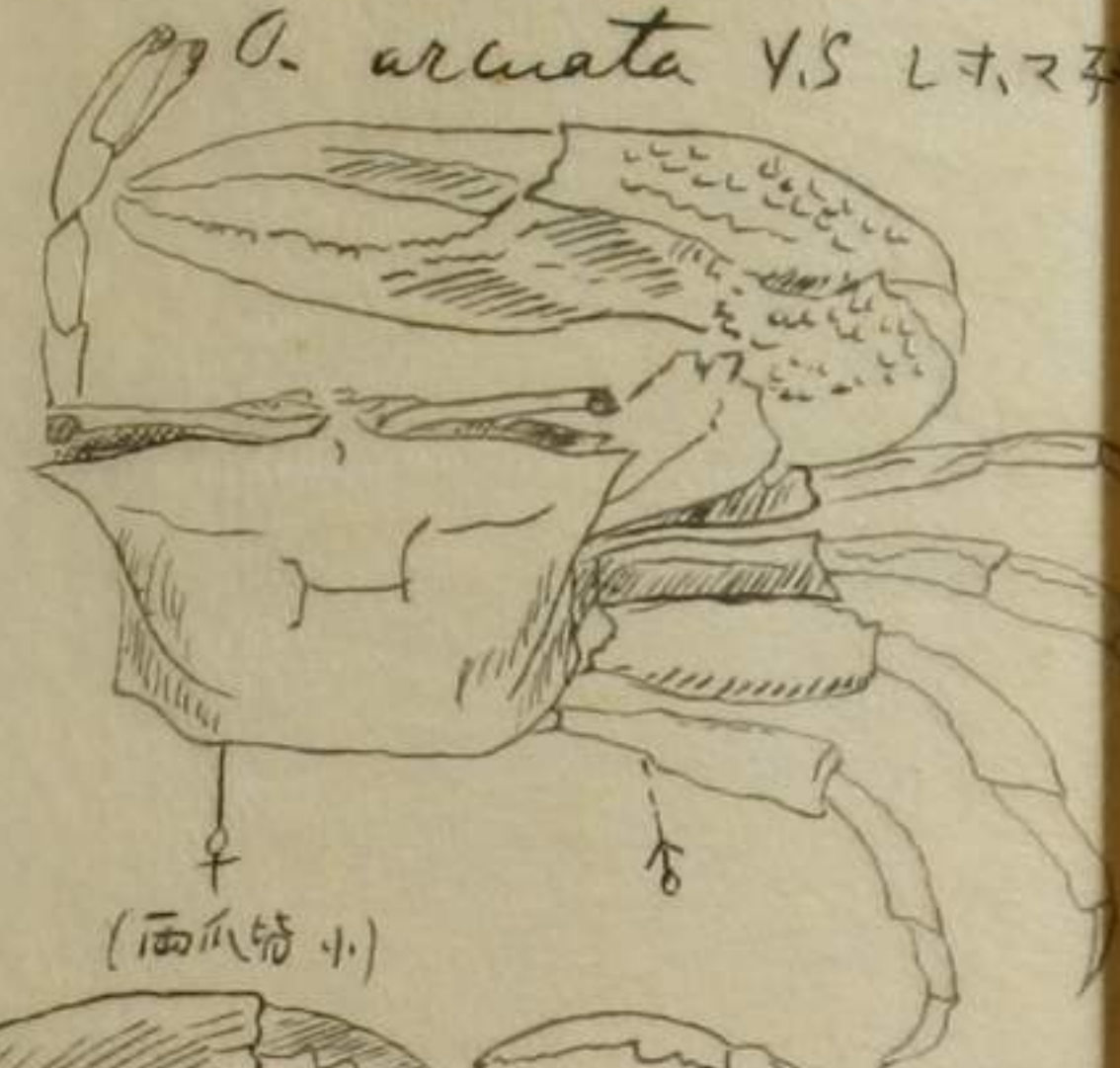
形みお 期二第

Ocyropoda

*O. cordimana* Latr.  
シカリガニ



*O. arcuata* V.S. シホ、マテ



(西瓜節小)

*Sc. globosa*, Haan



アウチガニ ヌ コツキガニ



*O. depressa* Puff  
ナラガニ



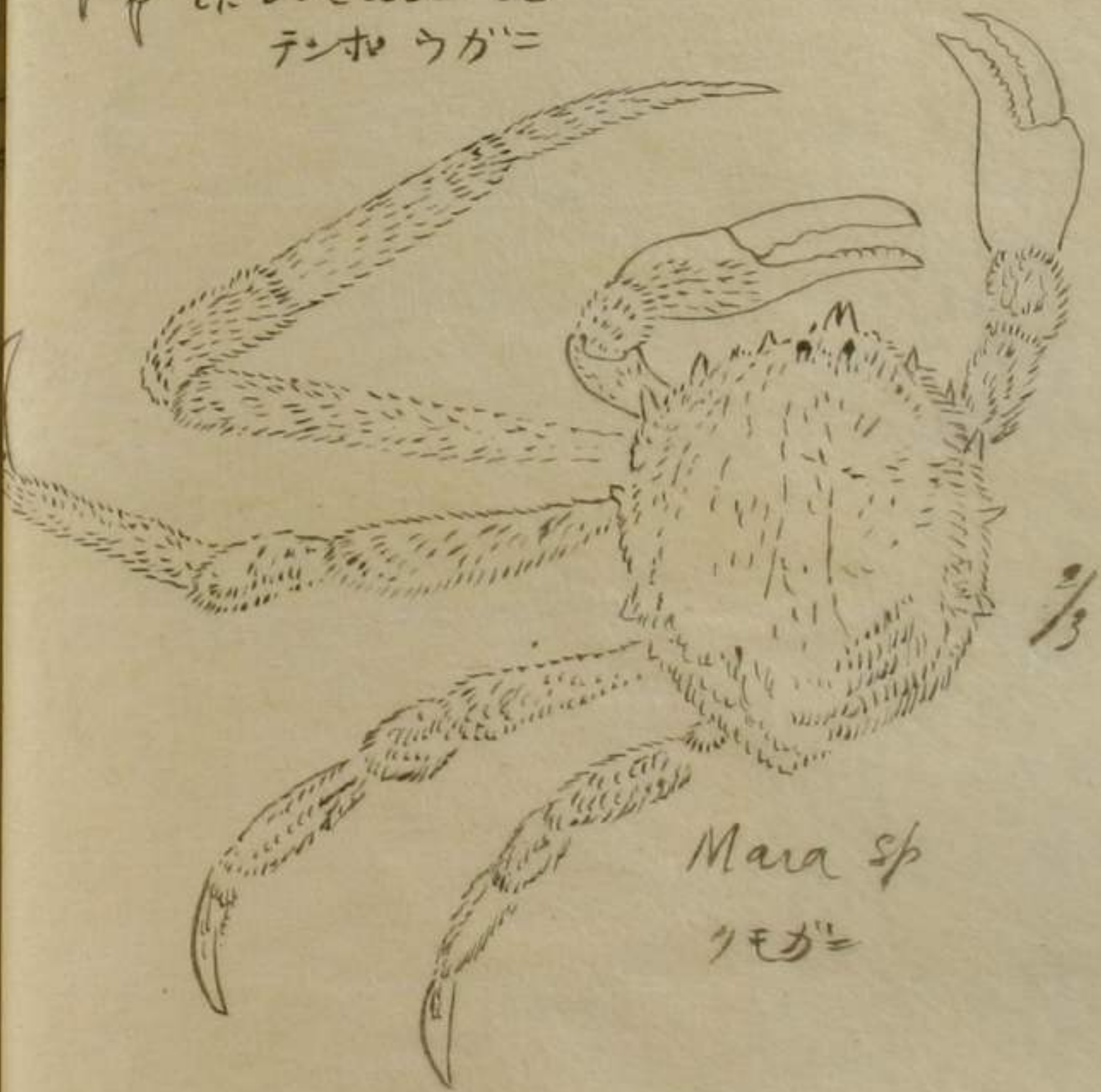
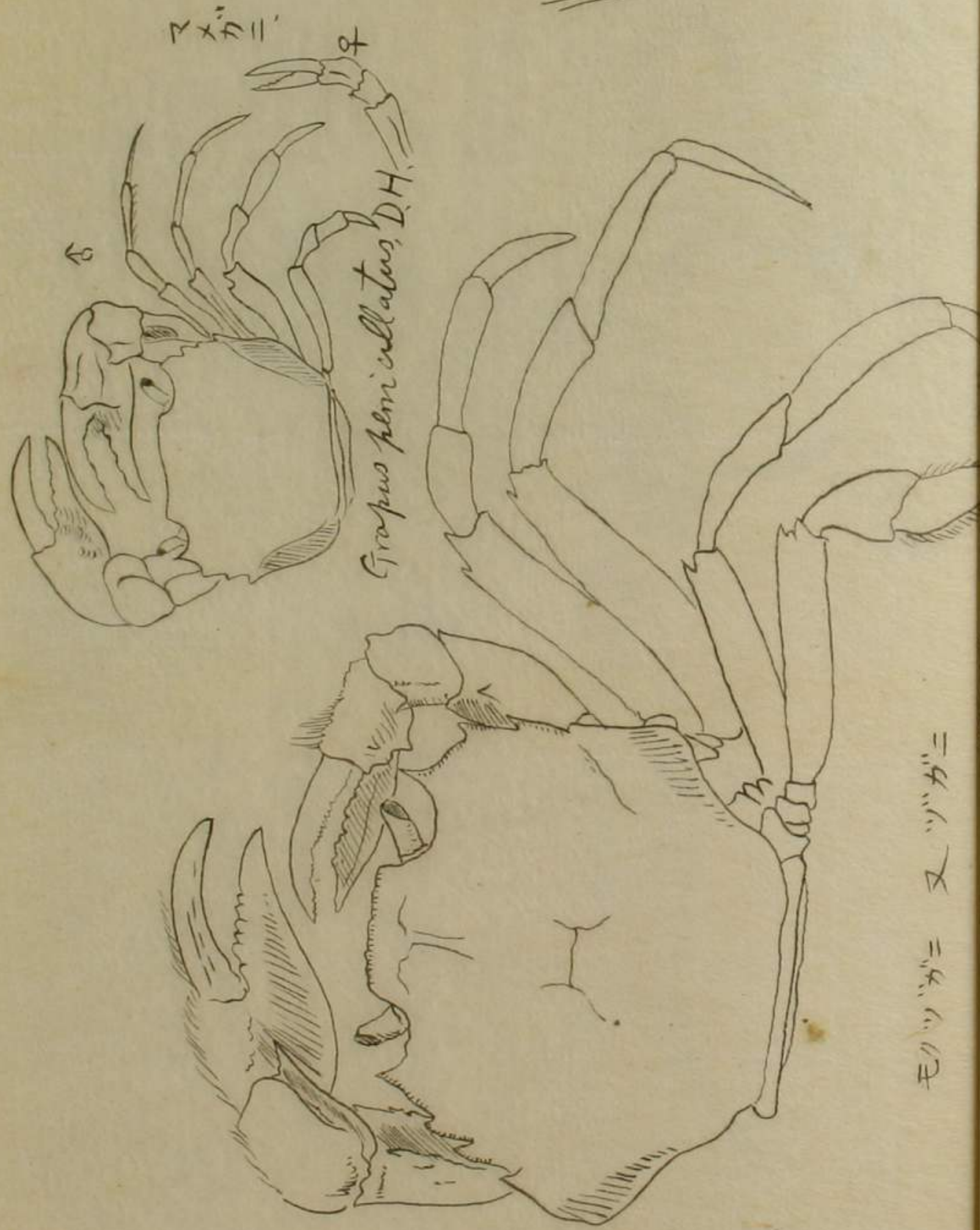
*O. complexa*, V.S.  
♀=28 キヅリカハガニ ♂

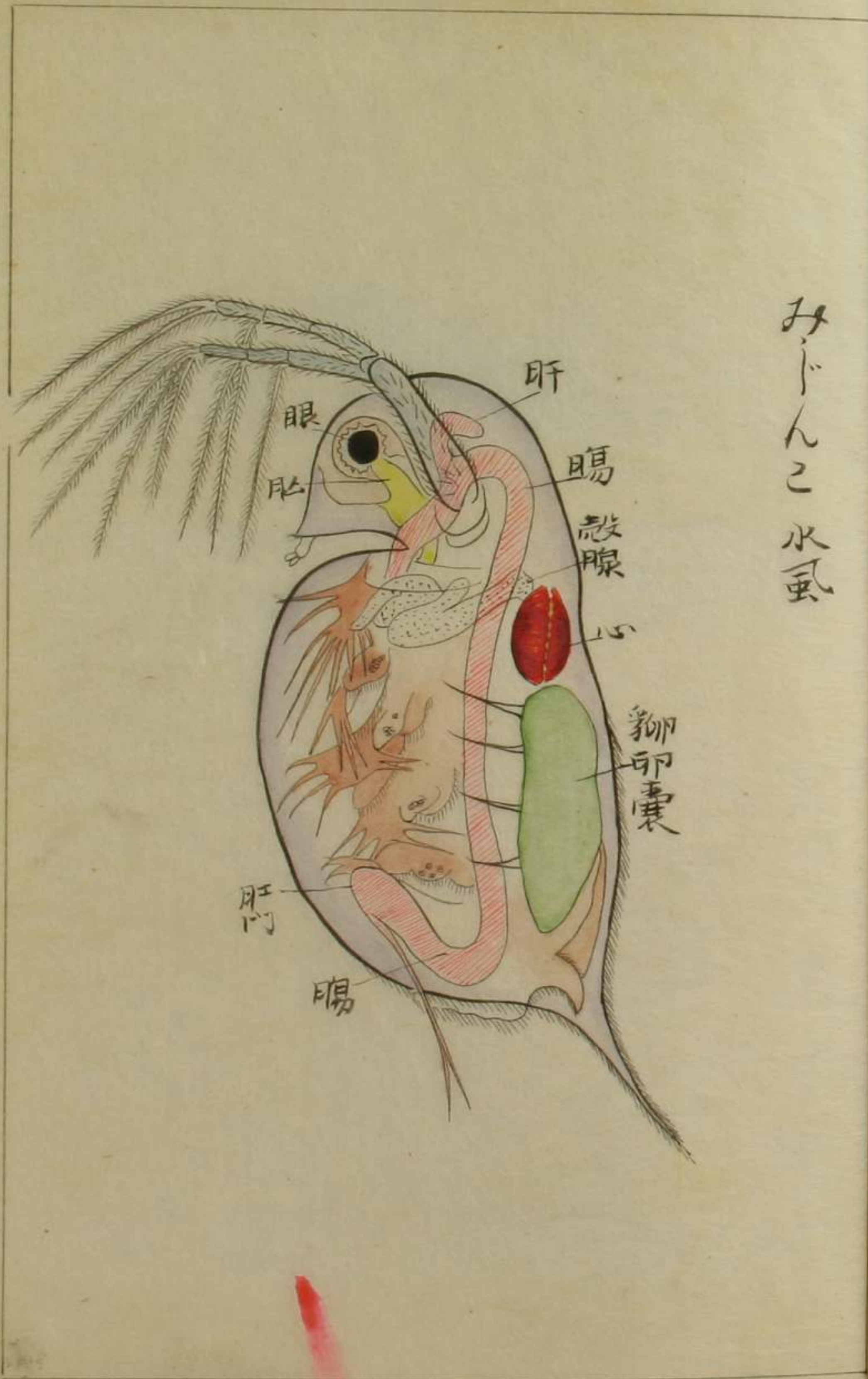


$\frac{1}{3}$  R 2p  
オホイガニ

アラサキガニ (オホイガニに似る) 中央へ突起 両側へ突起  
爪長し 噛み砕く爪は近し。(寛大因に等し)

Grapus

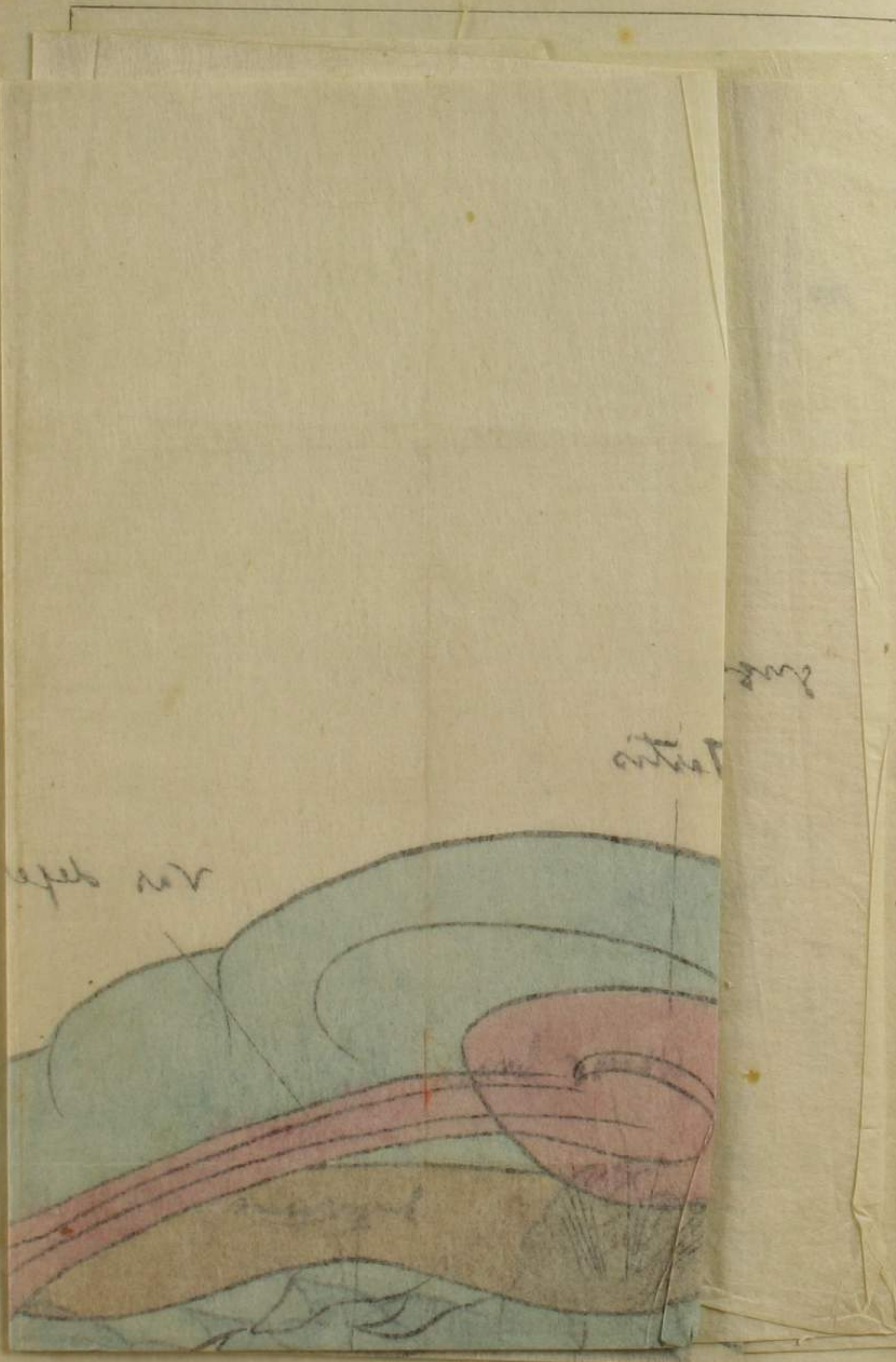




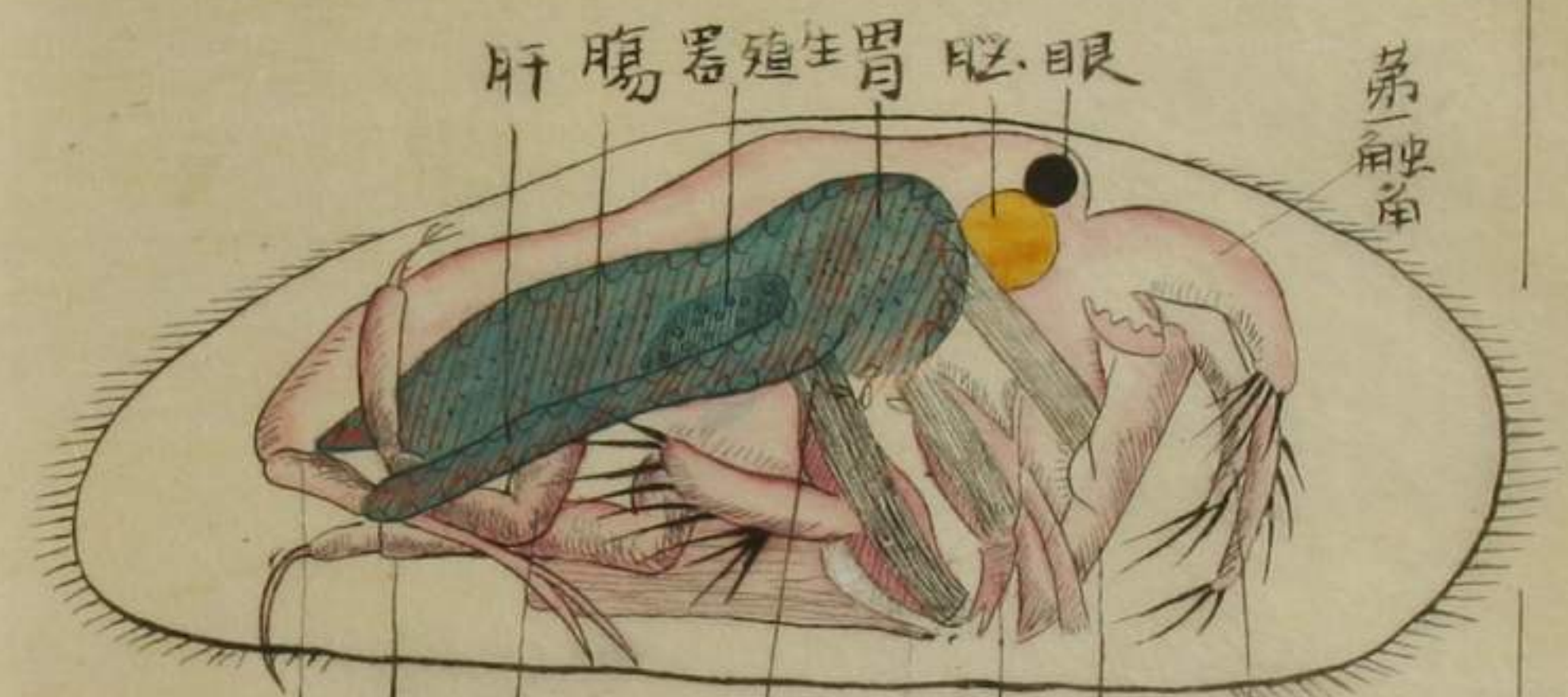
みどりこ水虫



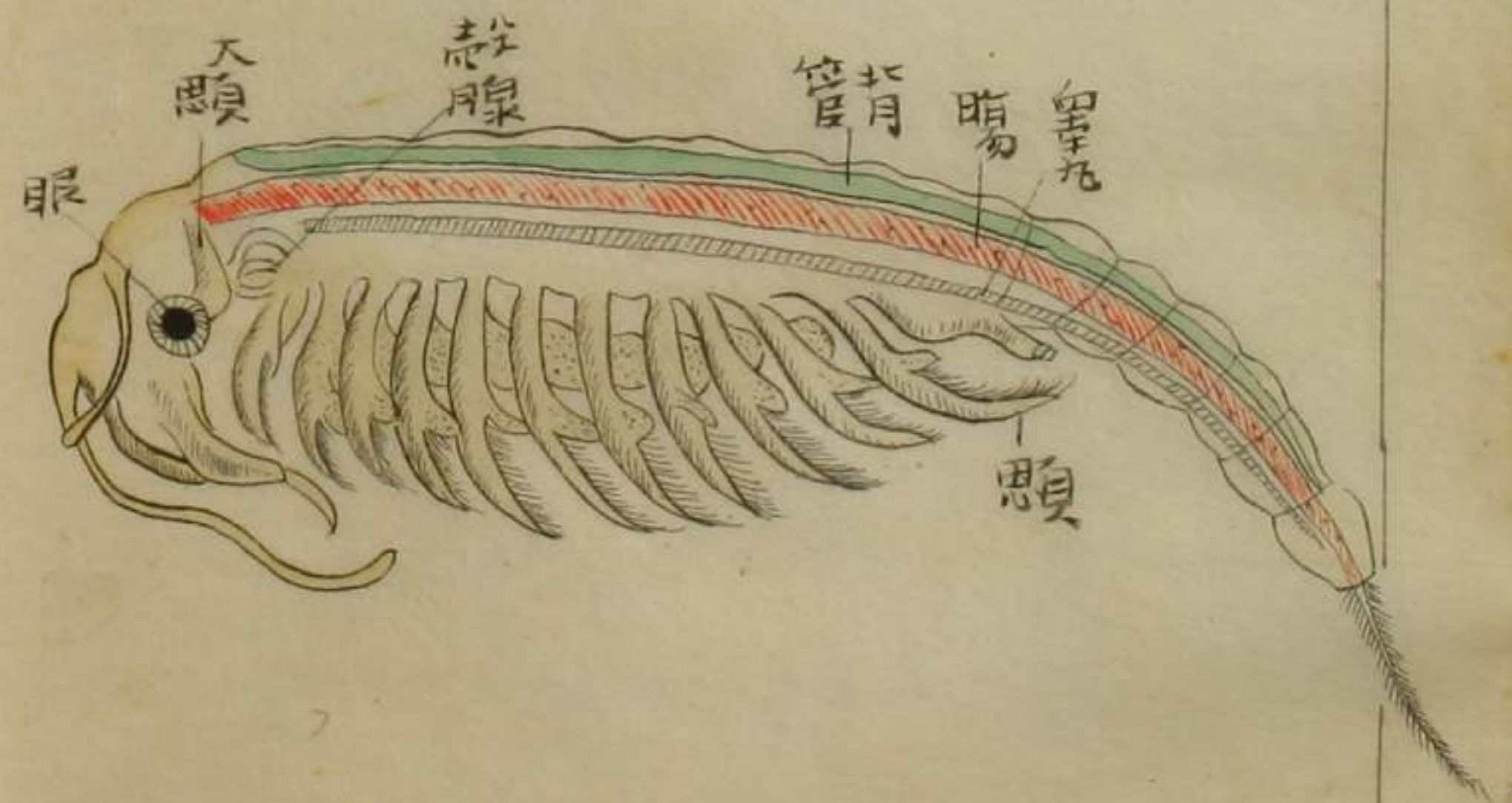




風水貝 花口ふ志

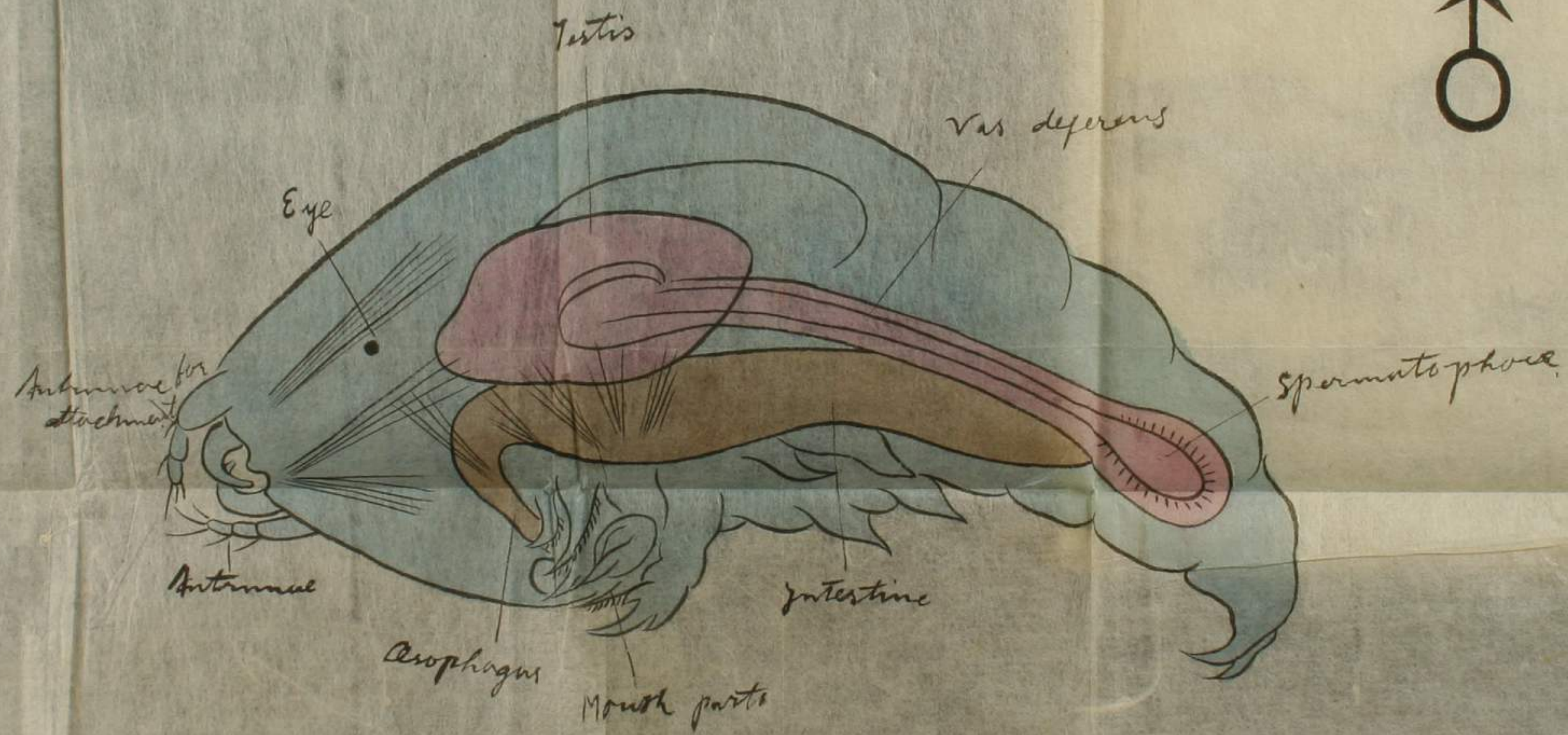


肝腸器殖生胃眼  
 第一触角  
 尾棘  
 足I  
 足II  
 小頭  
 大頭  
 上唇  
 第二触角  
 牽引筋



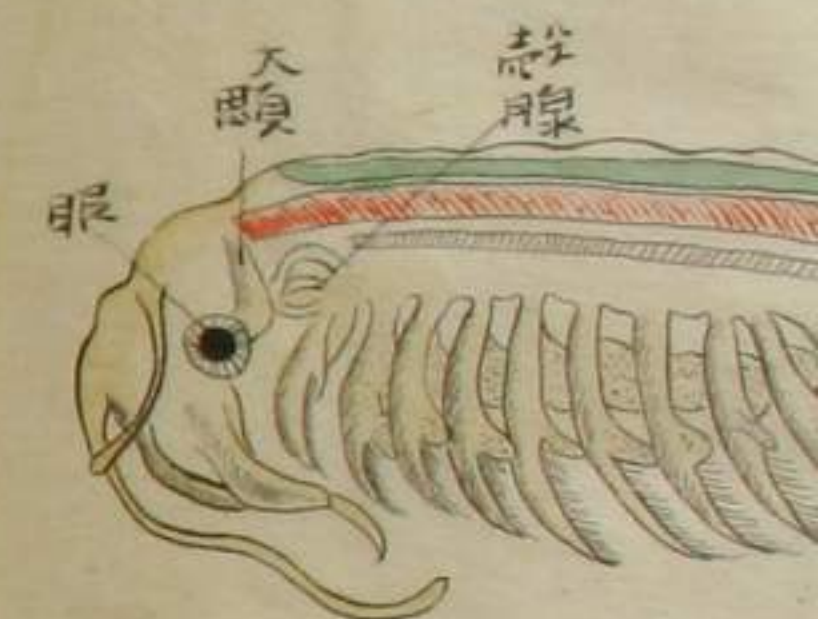
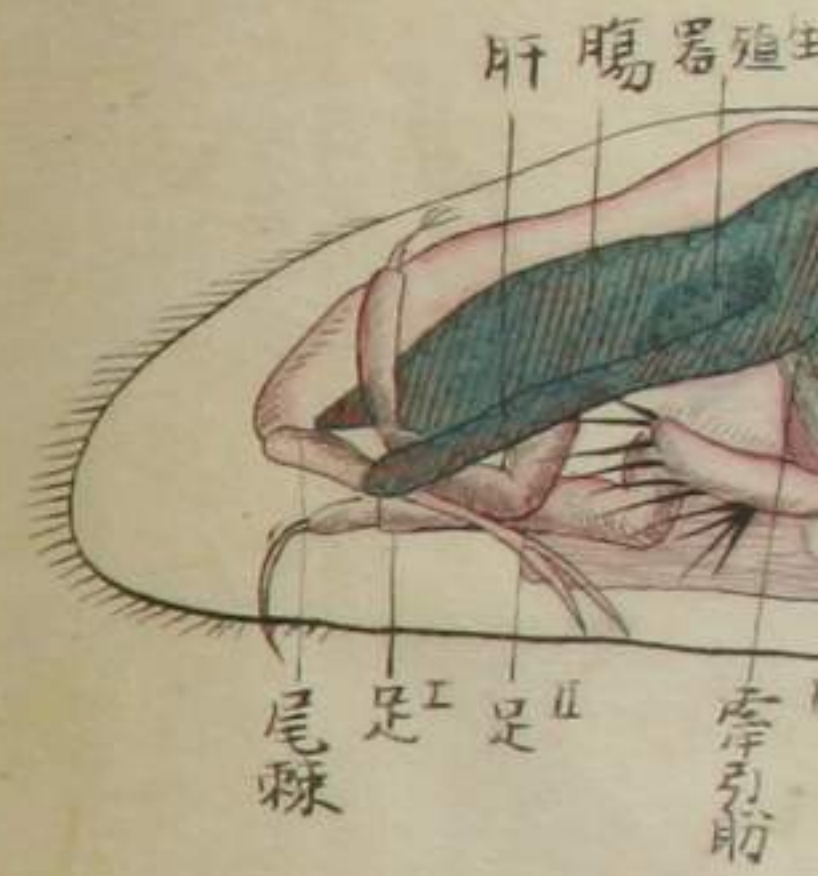
大頭  
 眼  
 鳃腺  
 背脊  
 腸  
 胃  
 腹

魚年豊花ふきんらふ

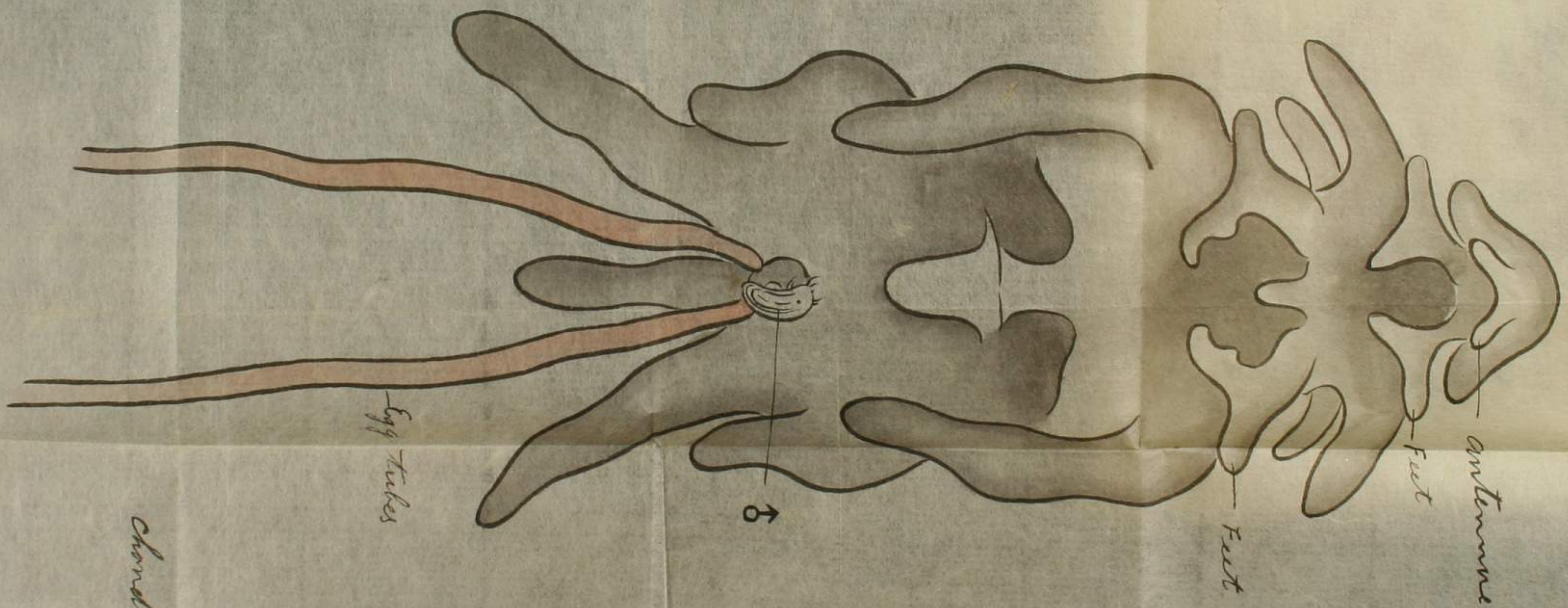


*Chondracanthus gibbosus*

風水貝花



魚年豐屯



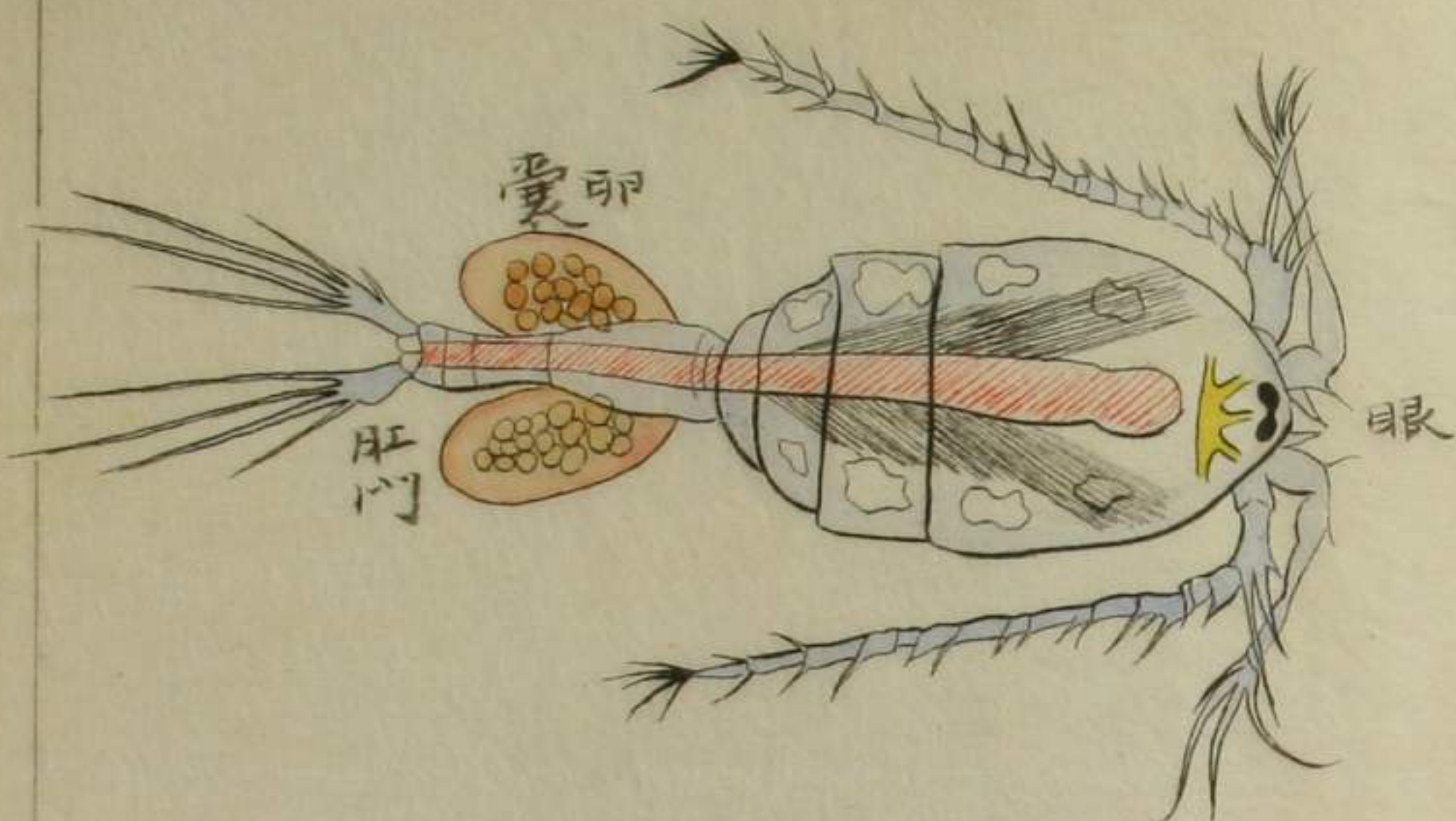
♀

*Chondrocanthus gibbosus*  
ventra ampae

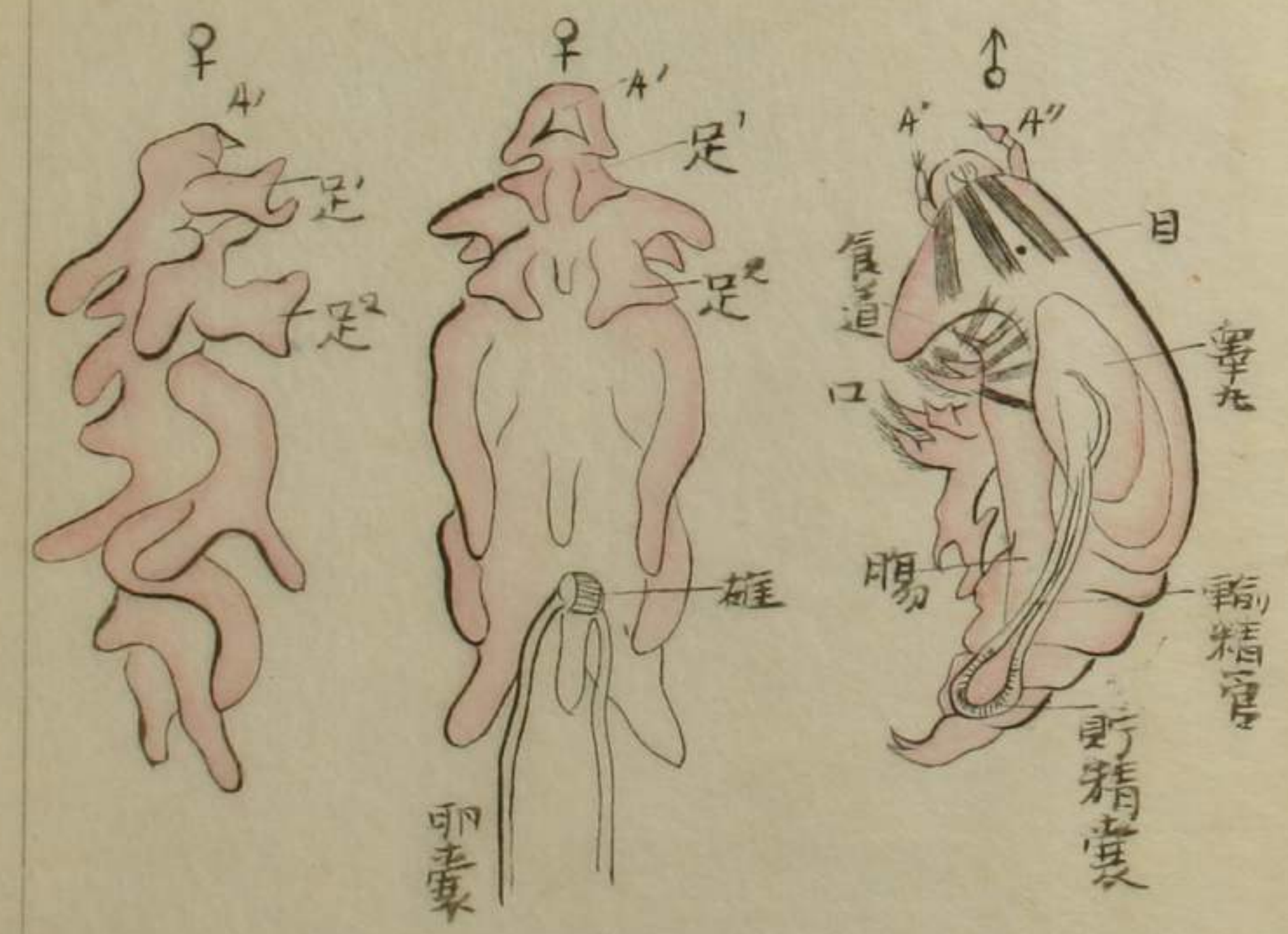
♂

*Chondrocanthus*

風水

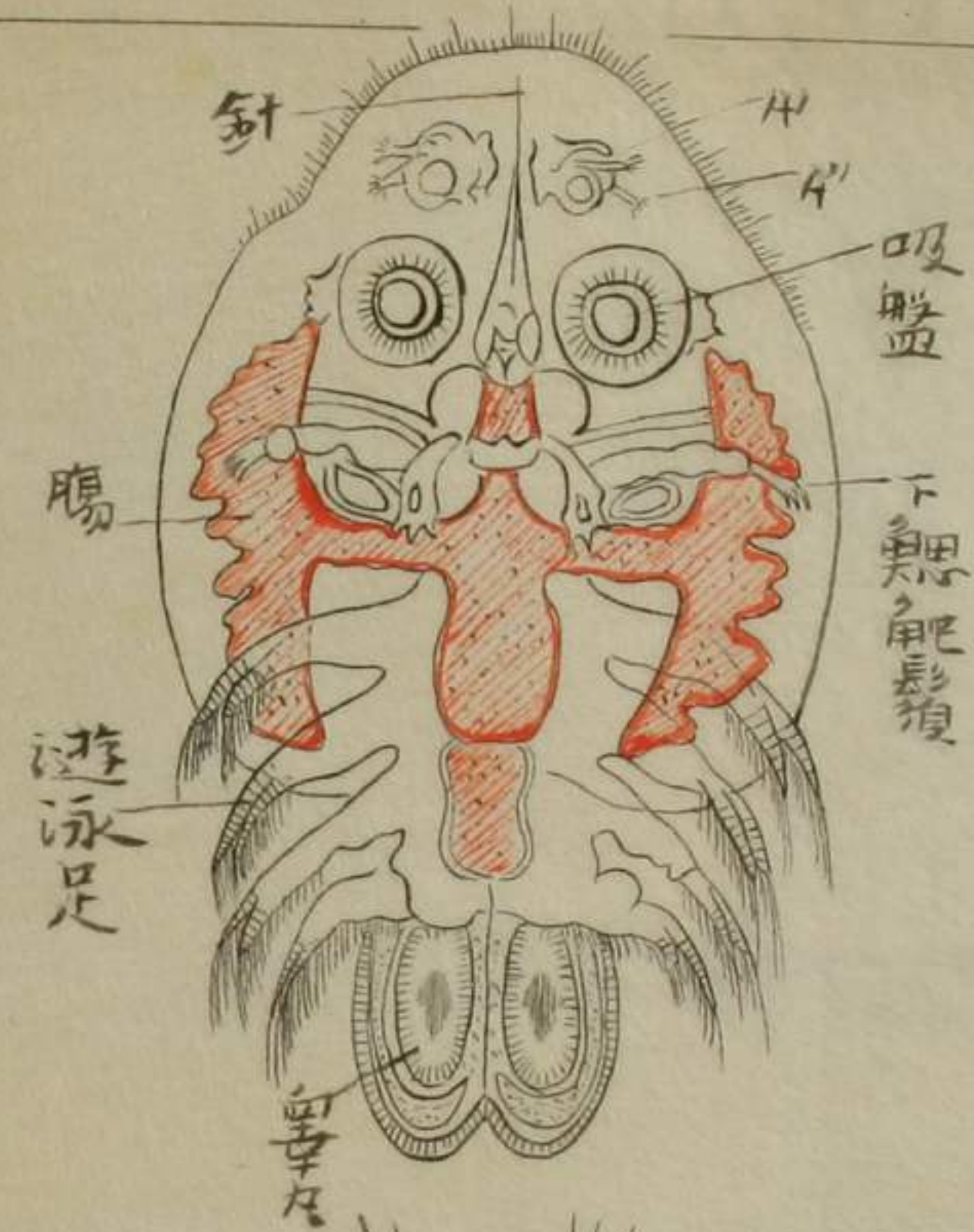
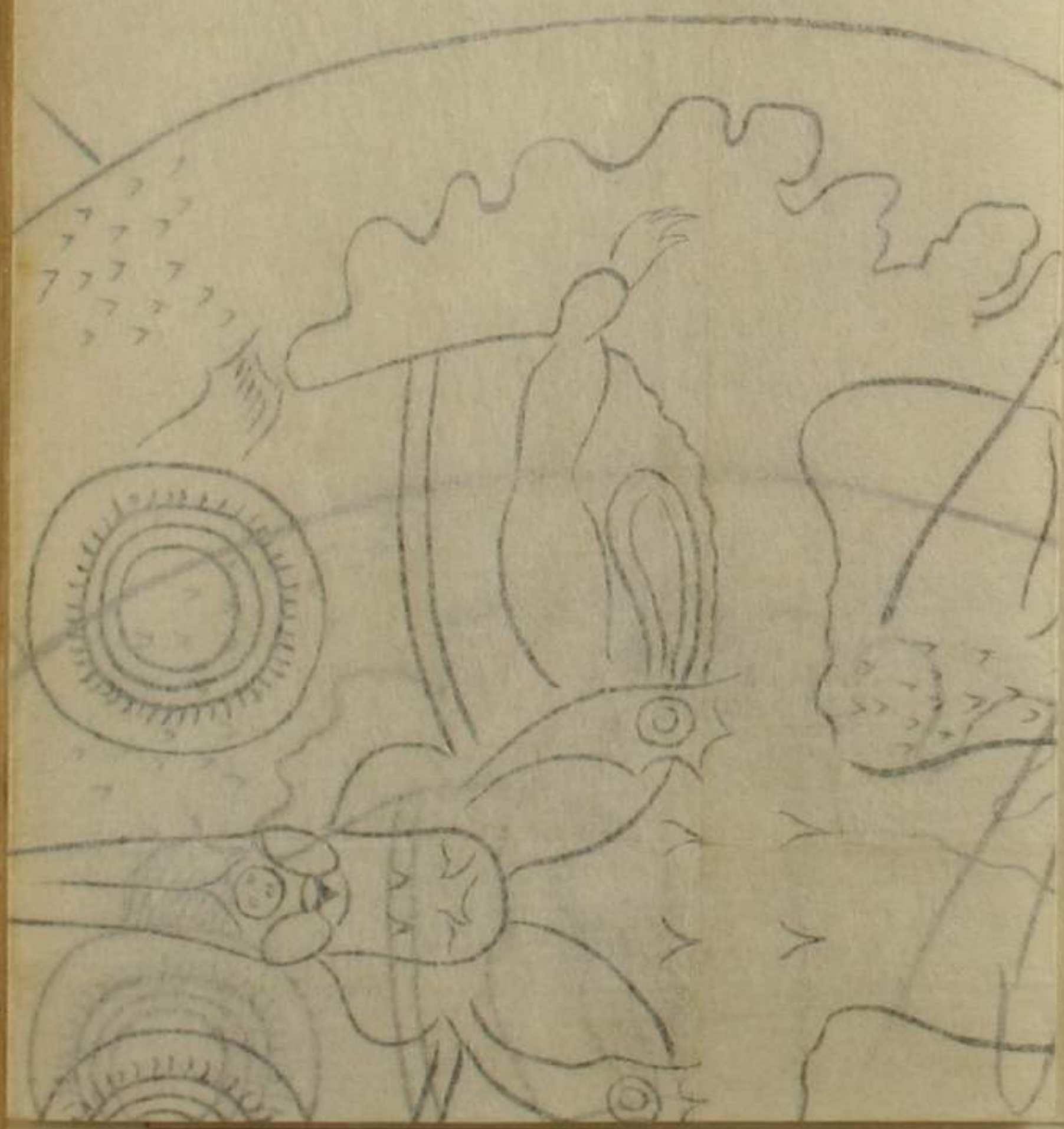


すふろく志又んいんけ

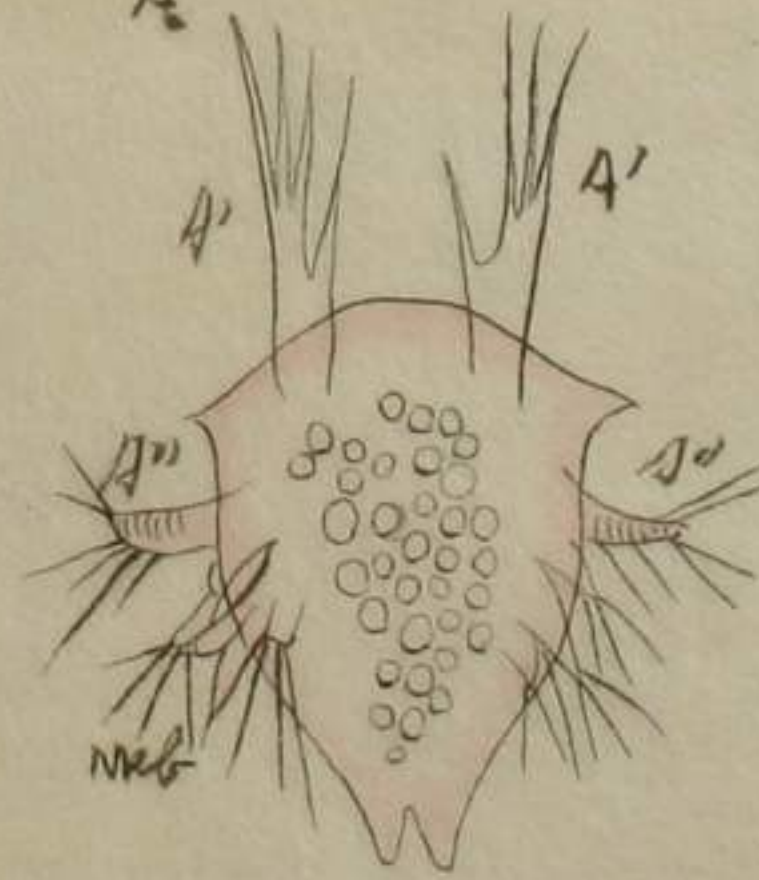


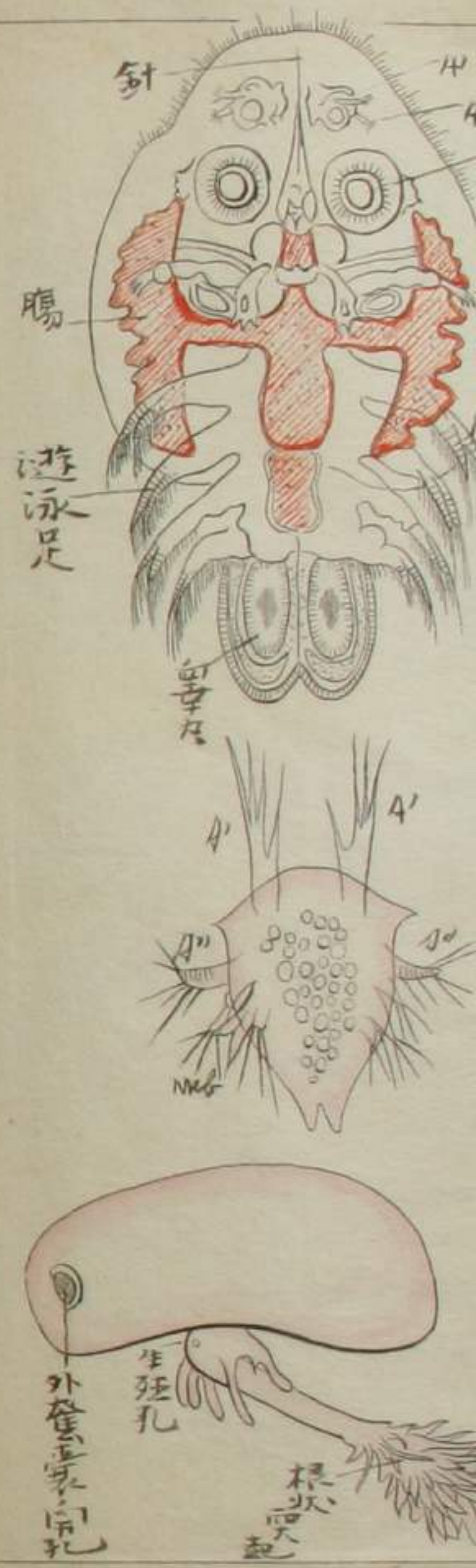
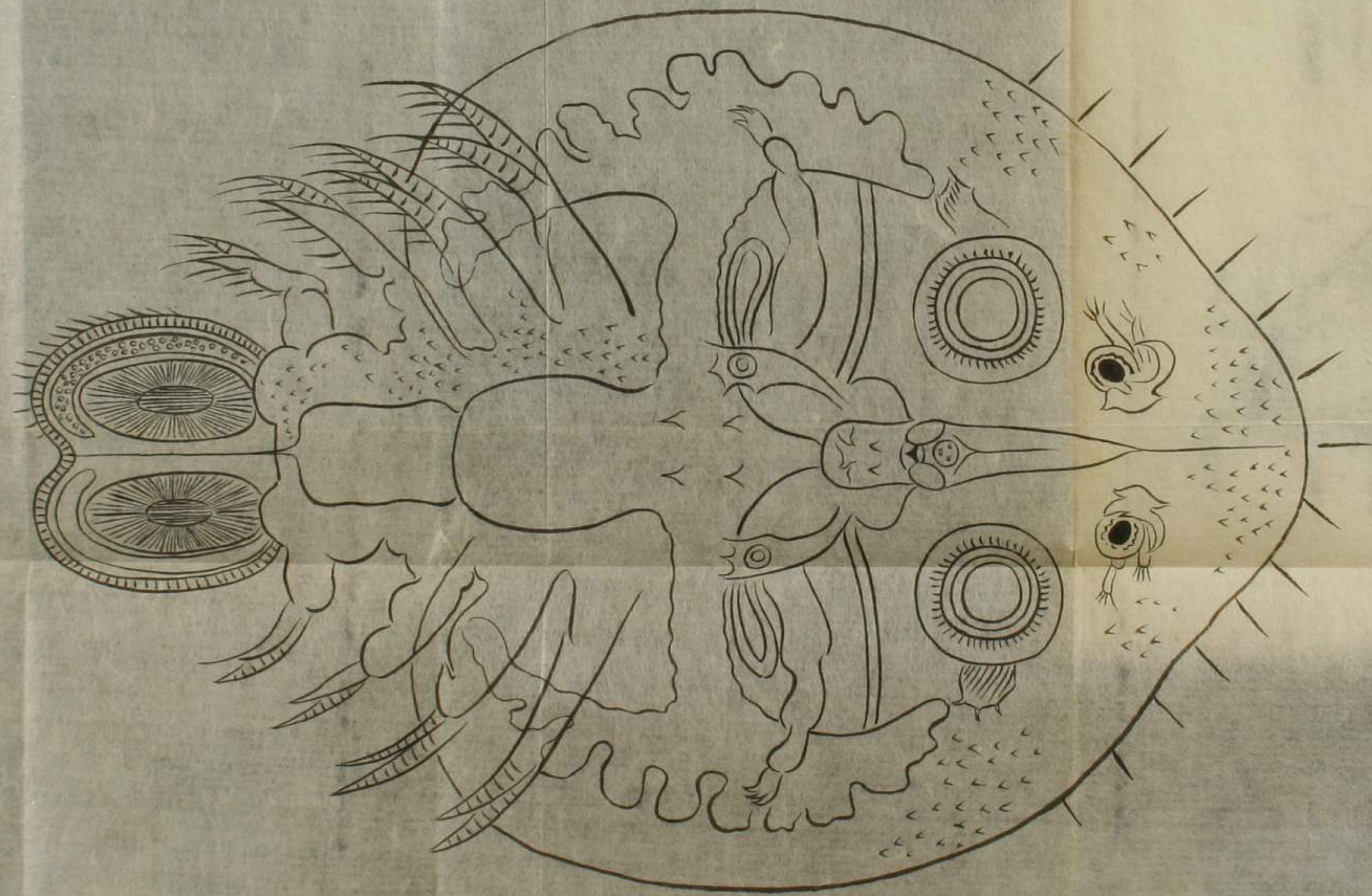
とんあらどんこ

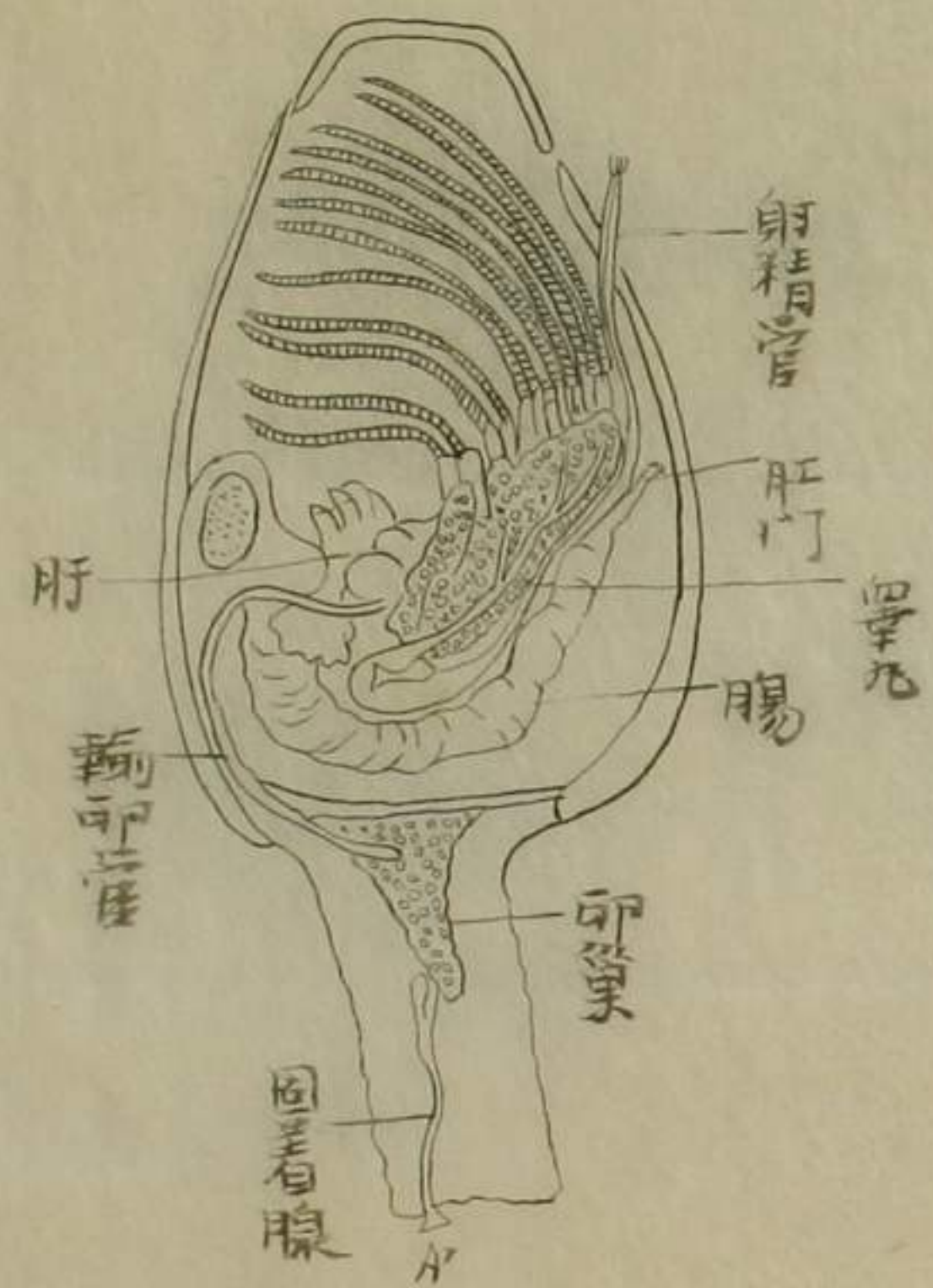




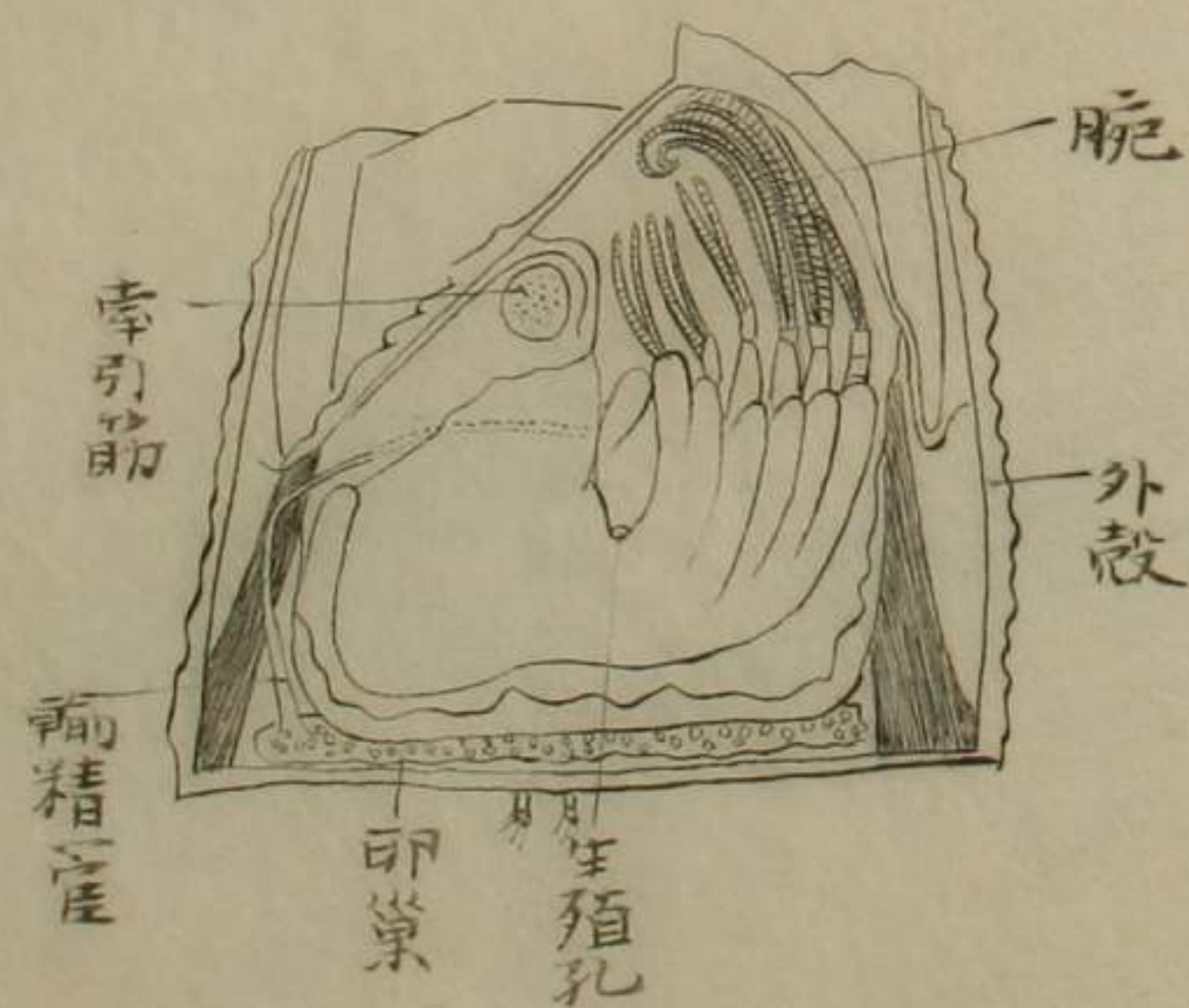
てふ魚虫





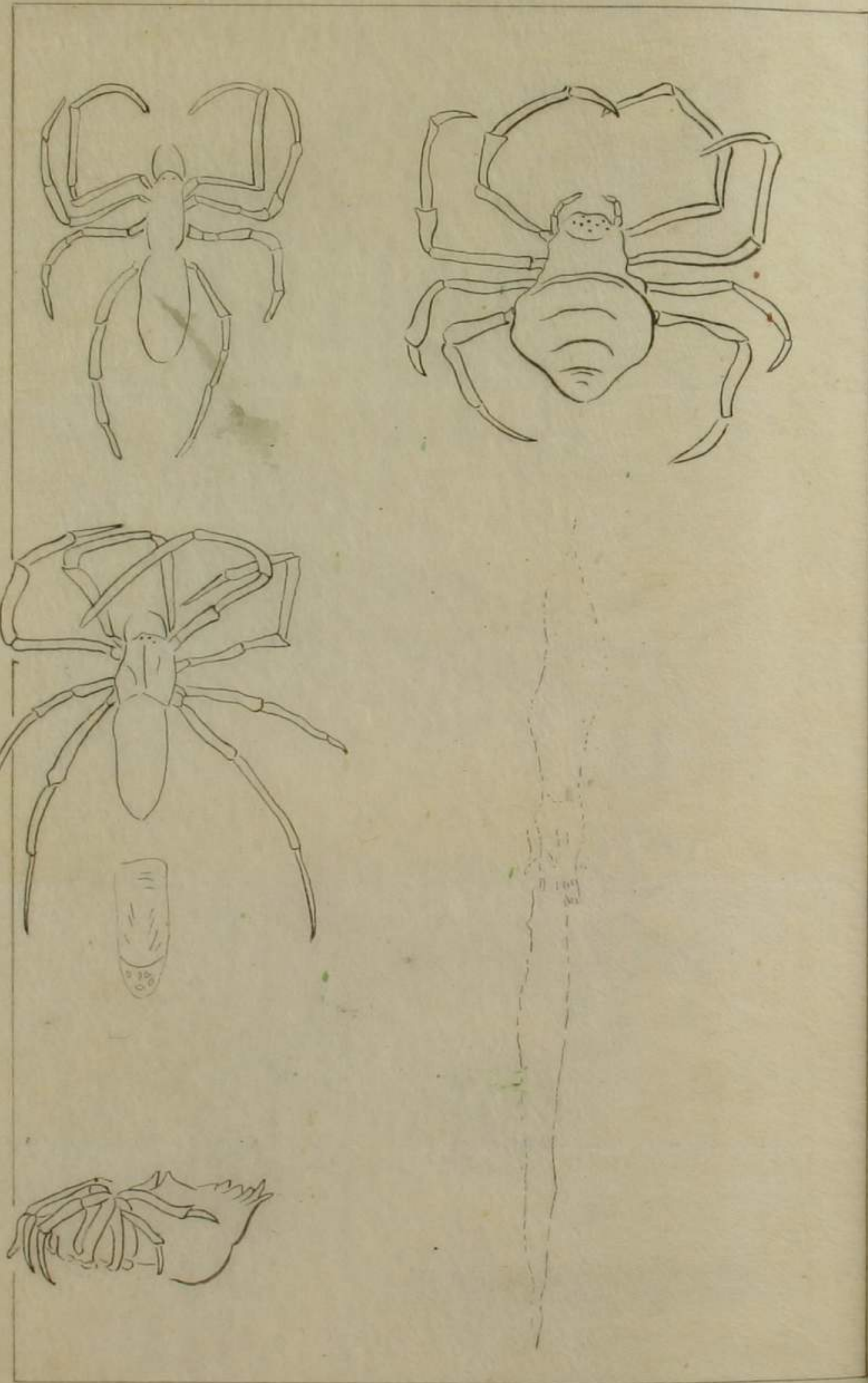


江ほし<sup>い</sup>か<sup>い</sup> 若荷見

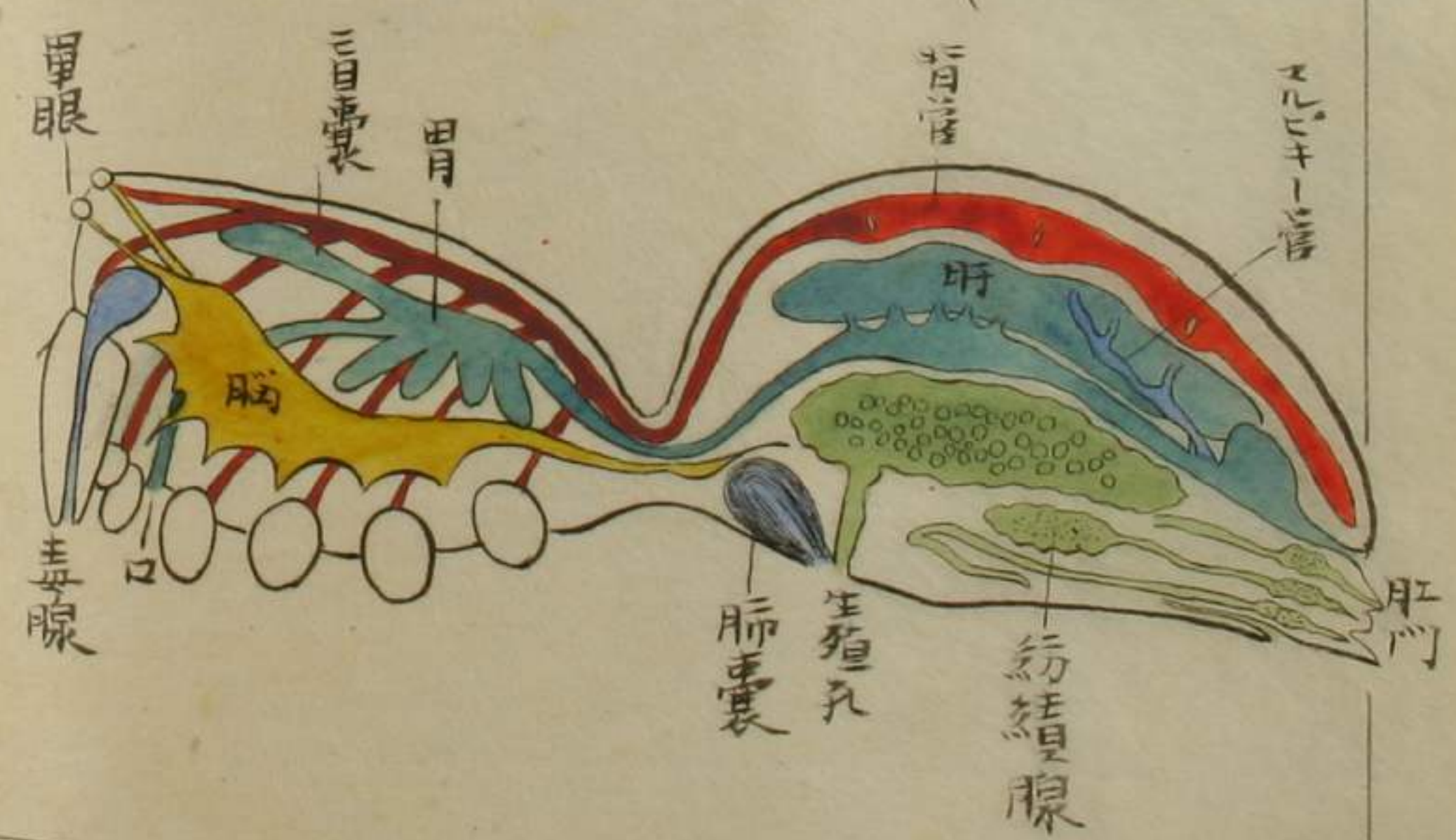


ふちつぼ<sup>ふ</sup> 又<sup>あ</sup> いは<sup>い</sup>か<sup>か</sup>き





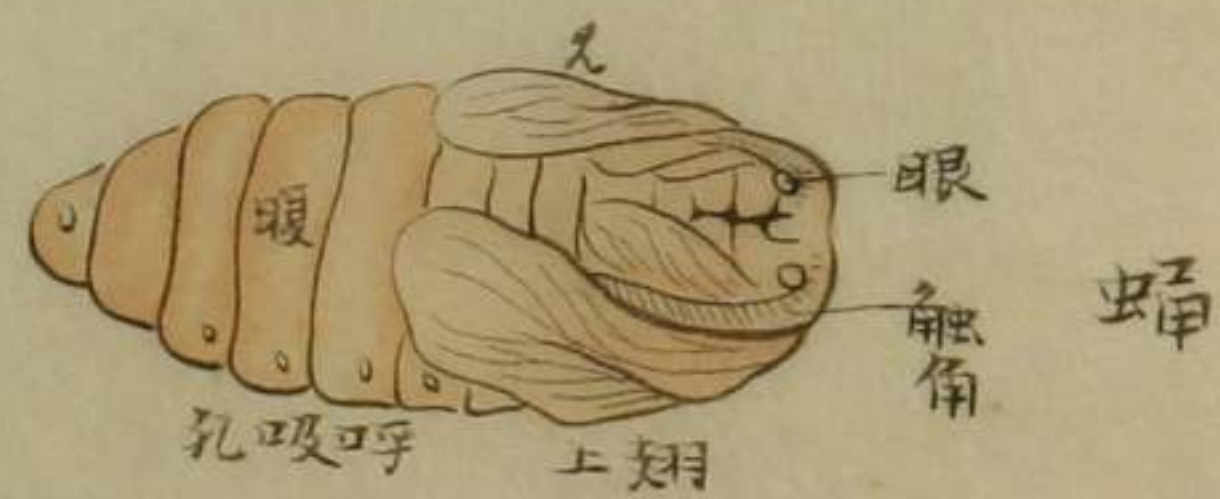
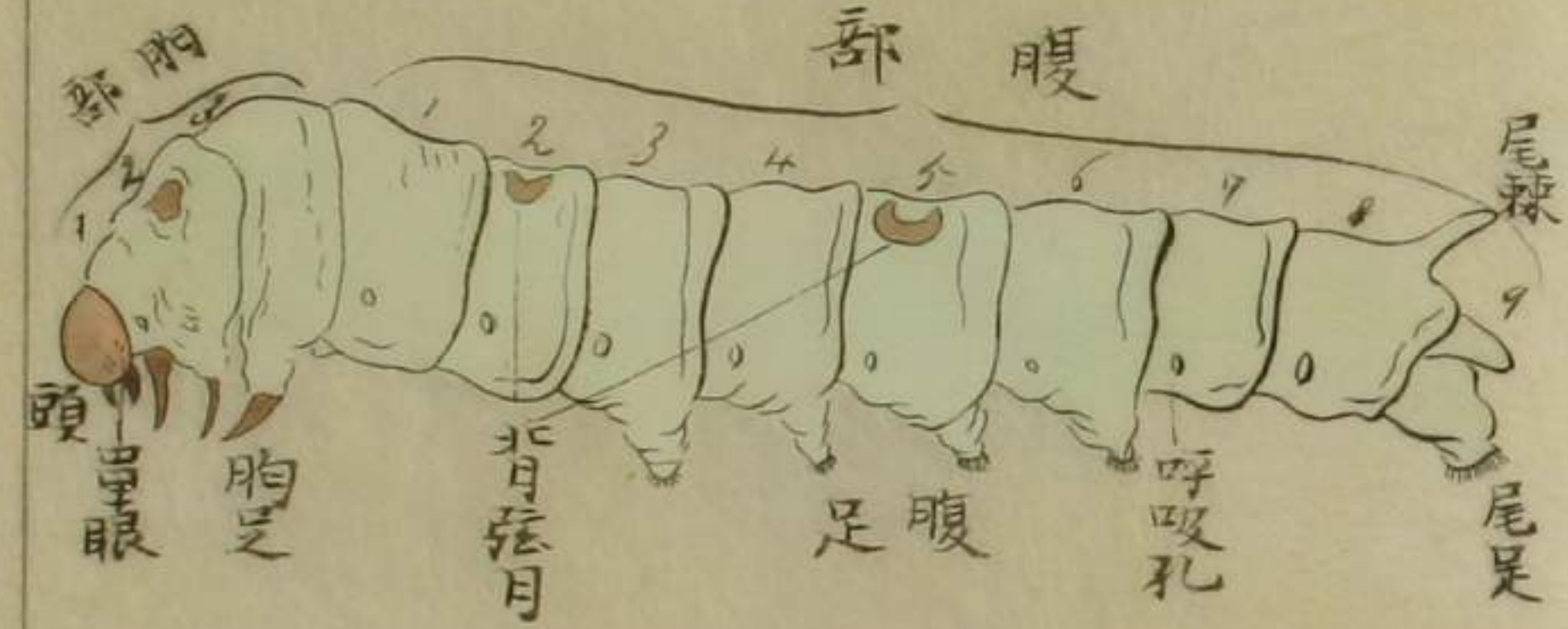
蜘蛛



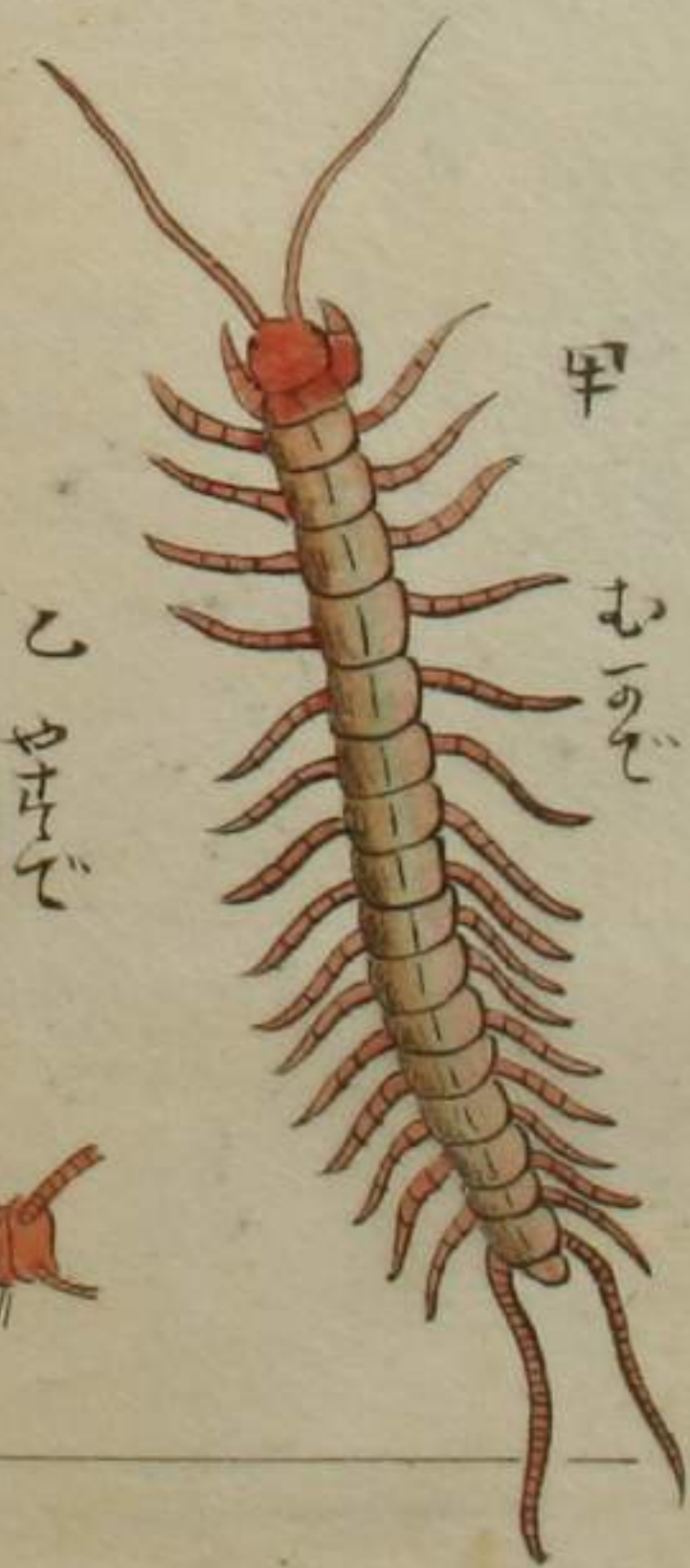
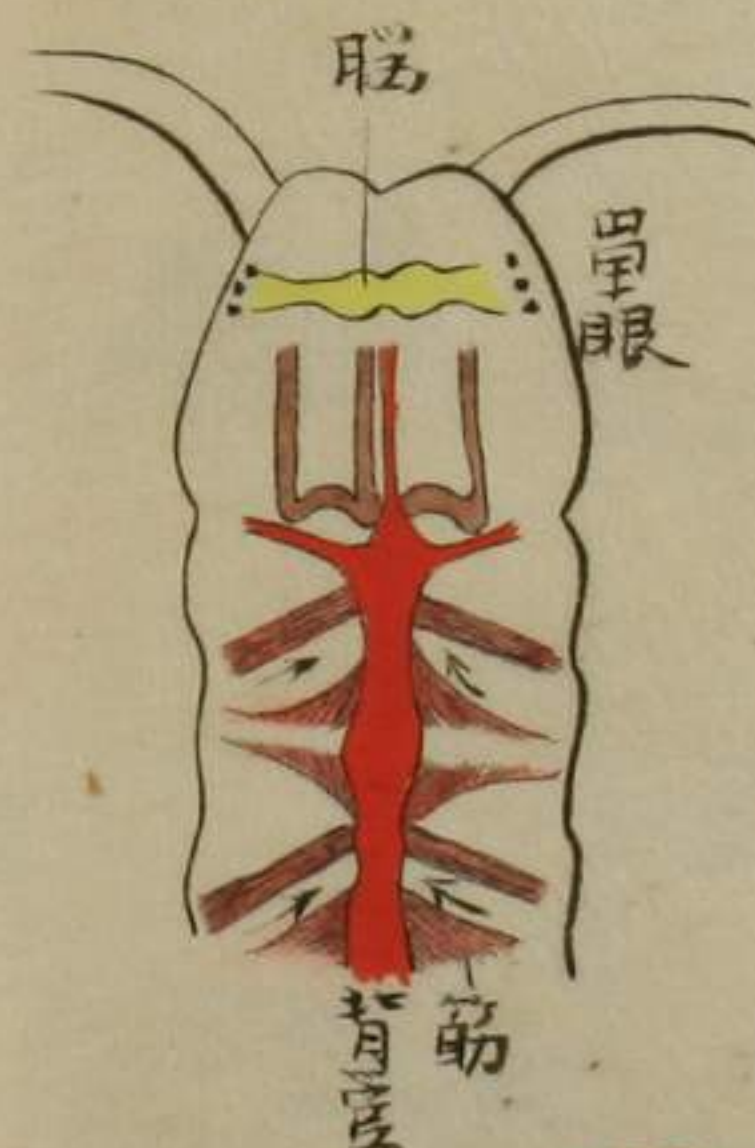
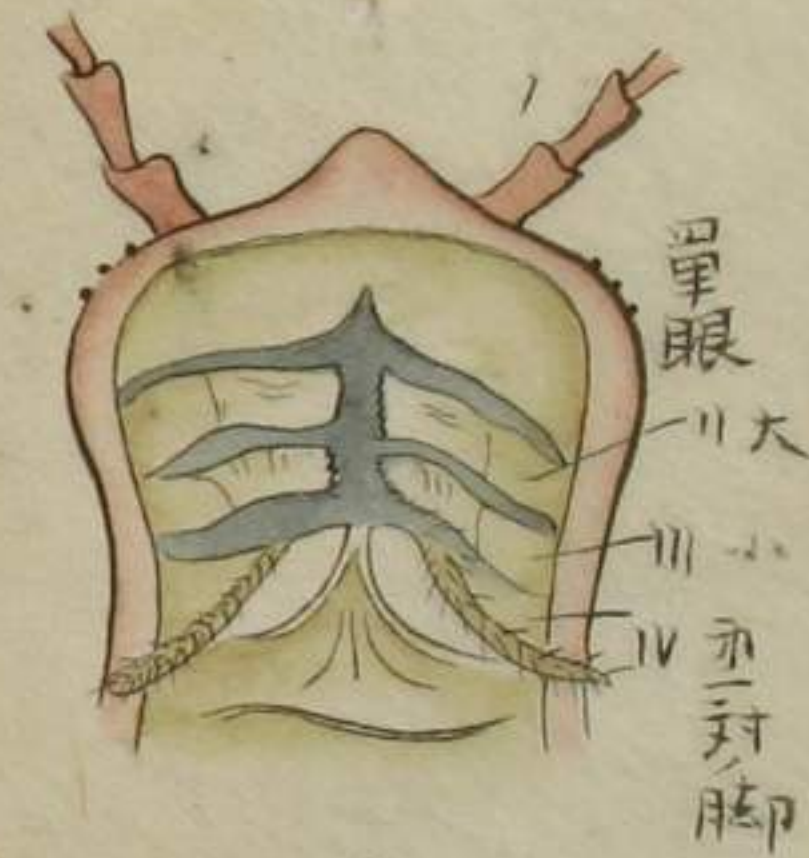
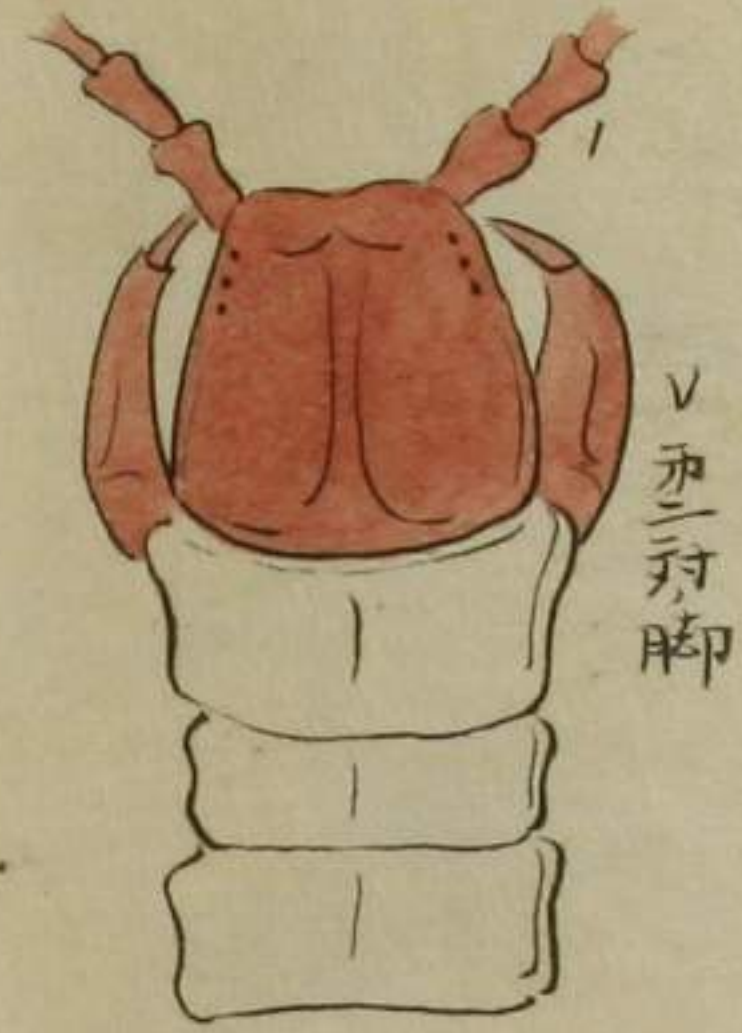


成虫

幼虫期



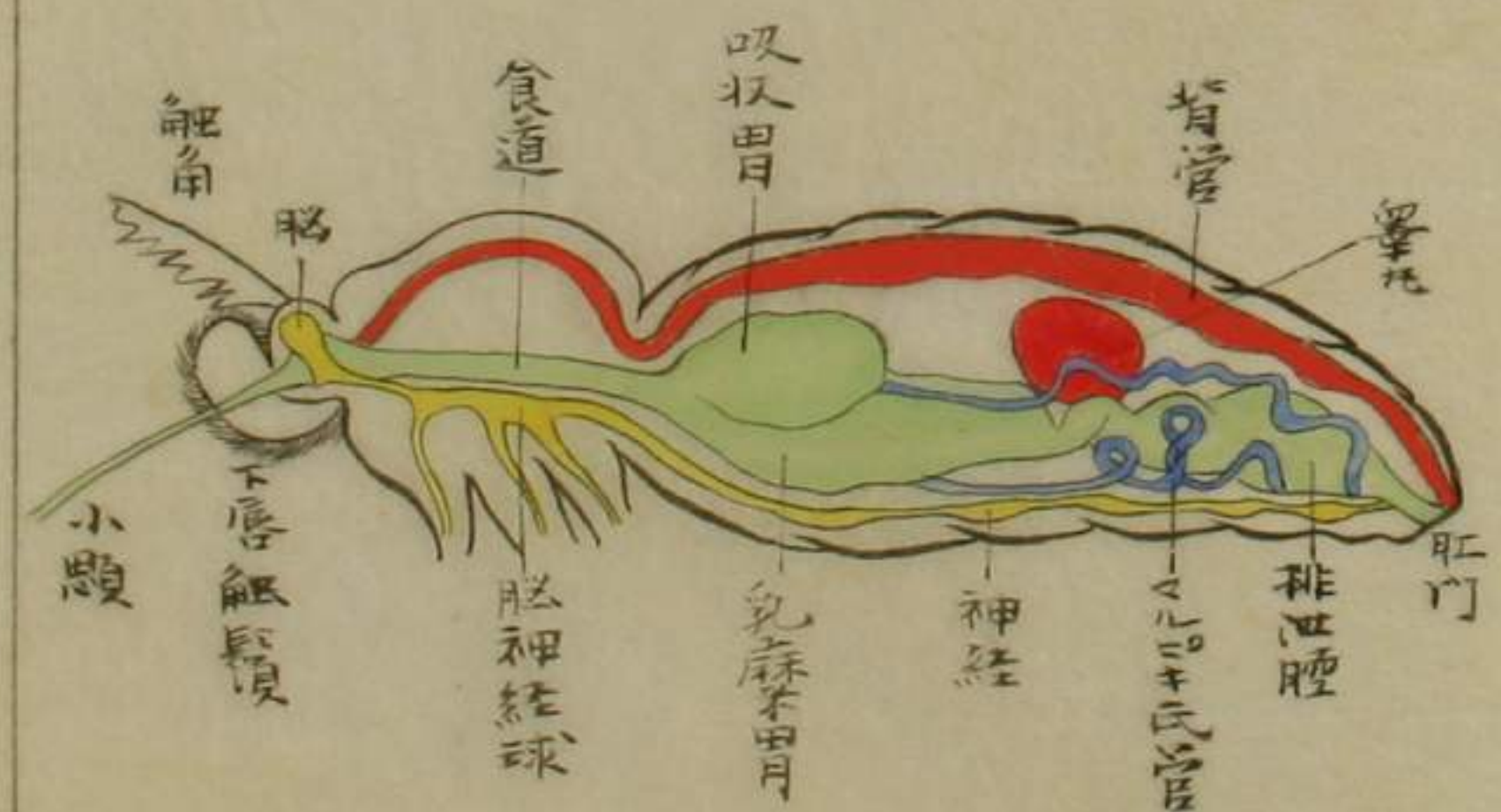
むつで 蝦蟇



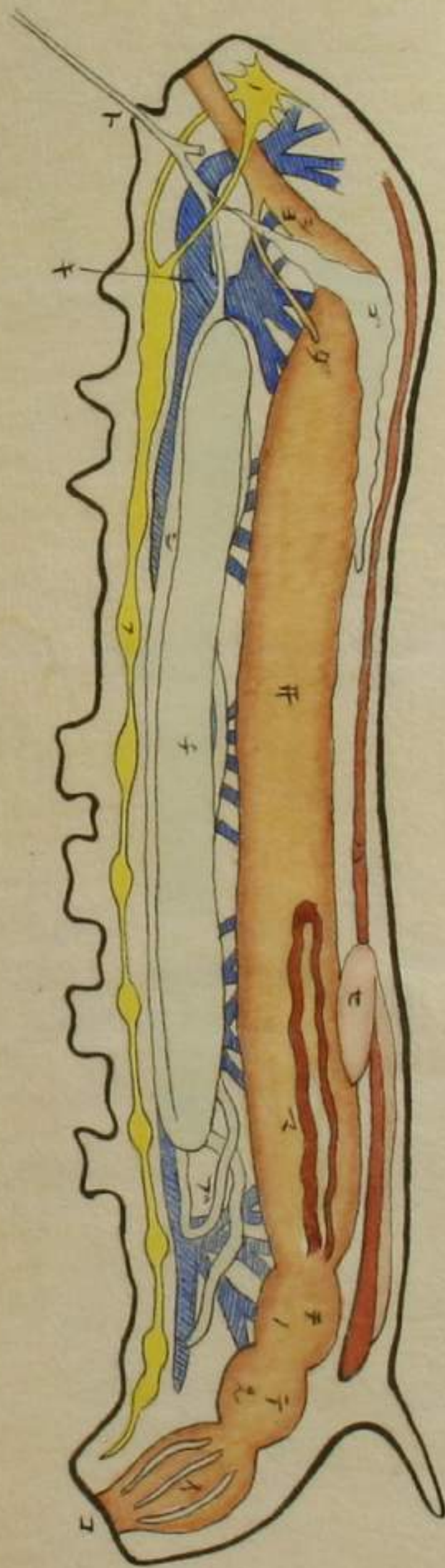
蝶不乙



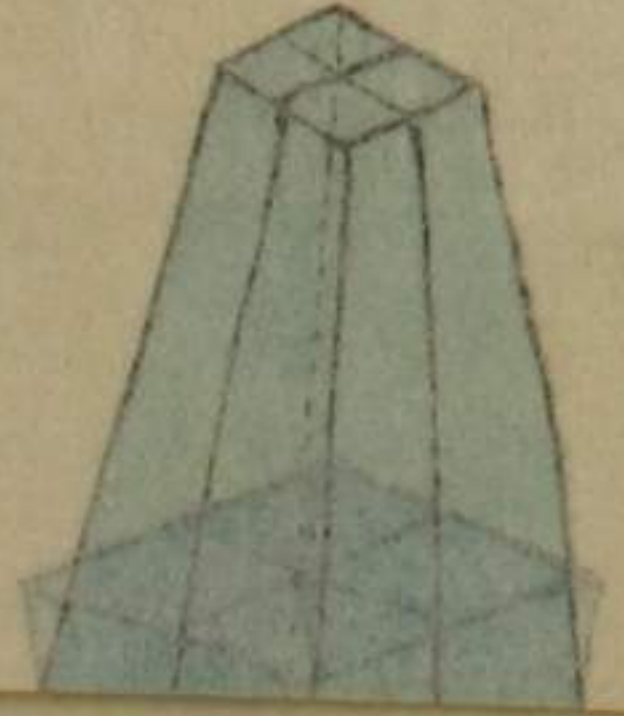
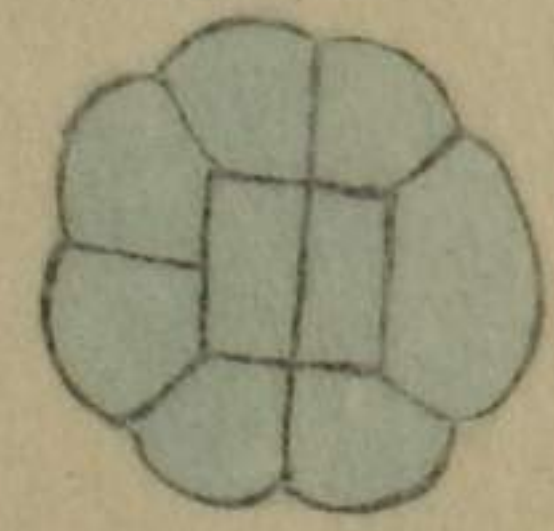
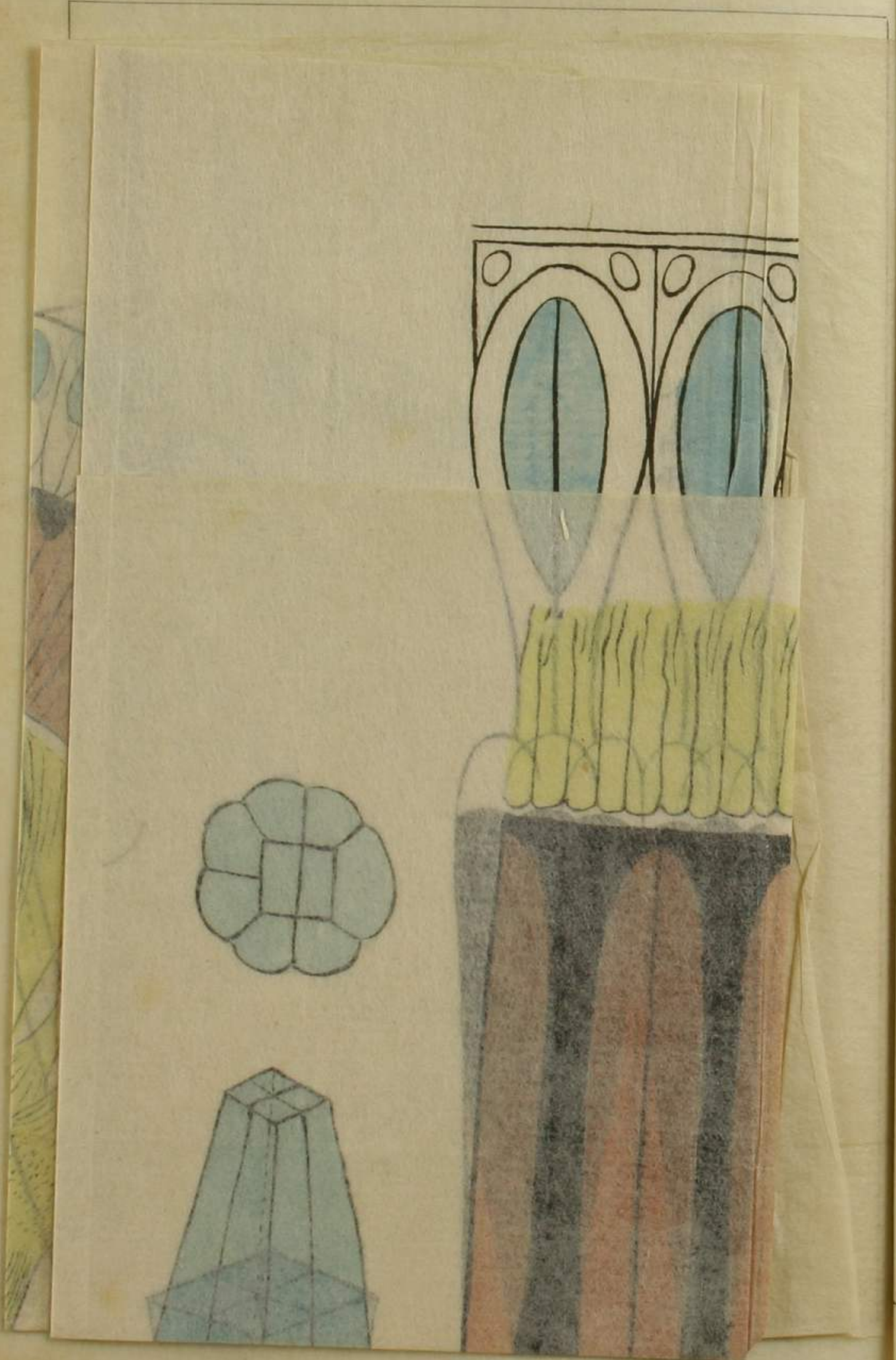
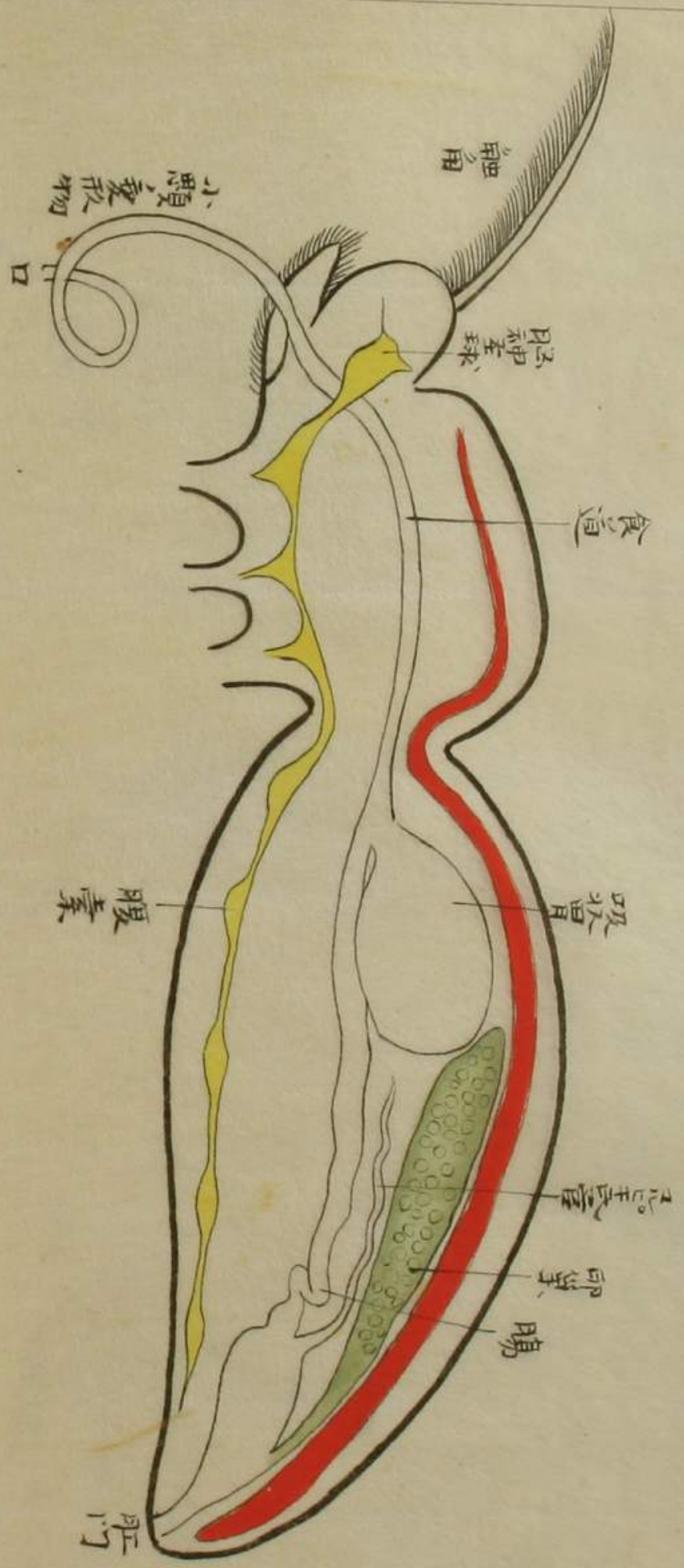
上翅鱗片及先 (大廓)



內臟



1 食道  
 2 胃  
 3 腸  
 4 胃腸  
 5 胃腸  
 6 胃腸  
 7 胃腸  
 8 胃腸  
 9 胃腸  
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 98 胃腸  
 99 胃腸  
 100 胃腸

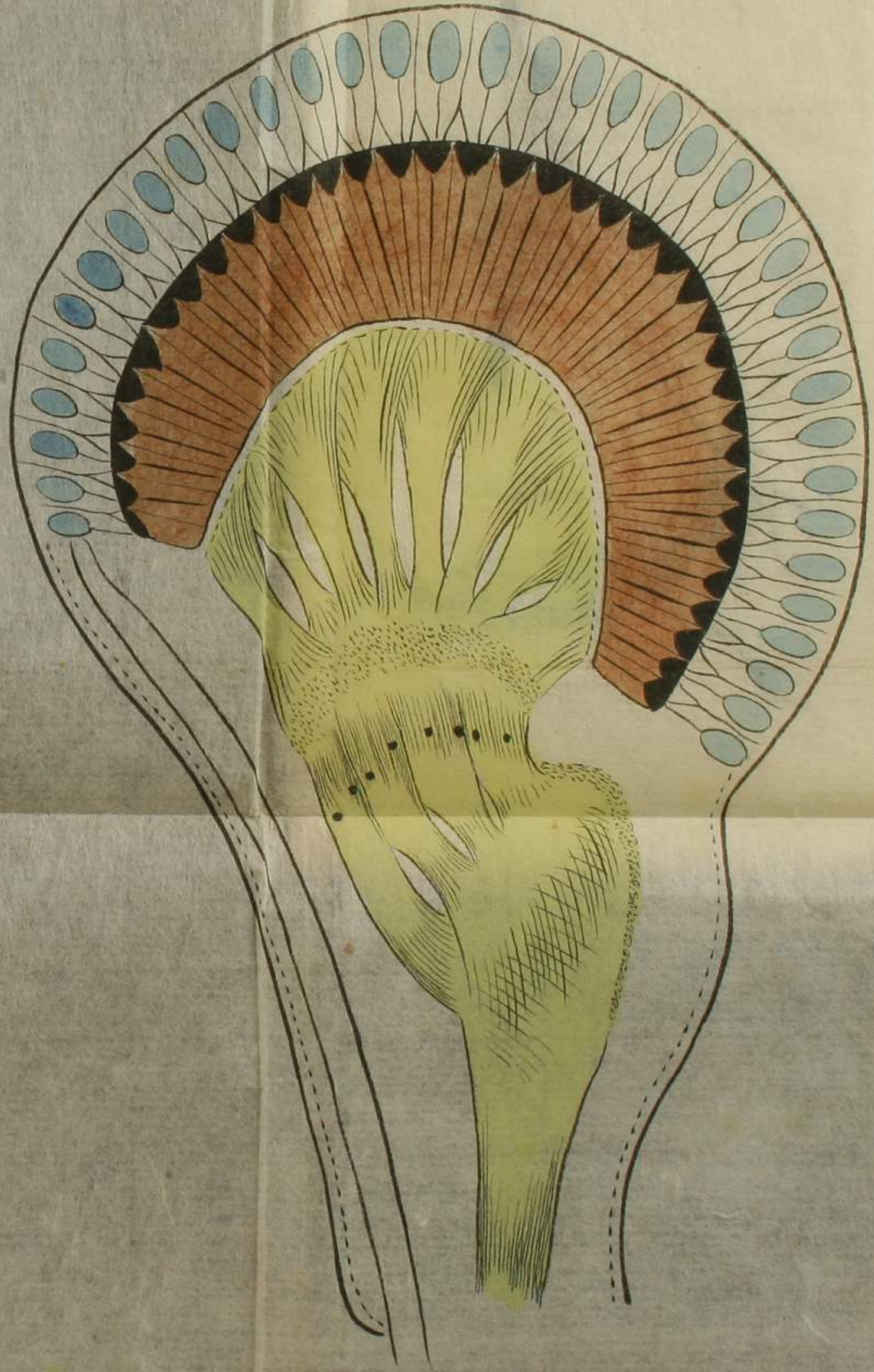




水晶体

色素層

神經



小體  
多核  
物

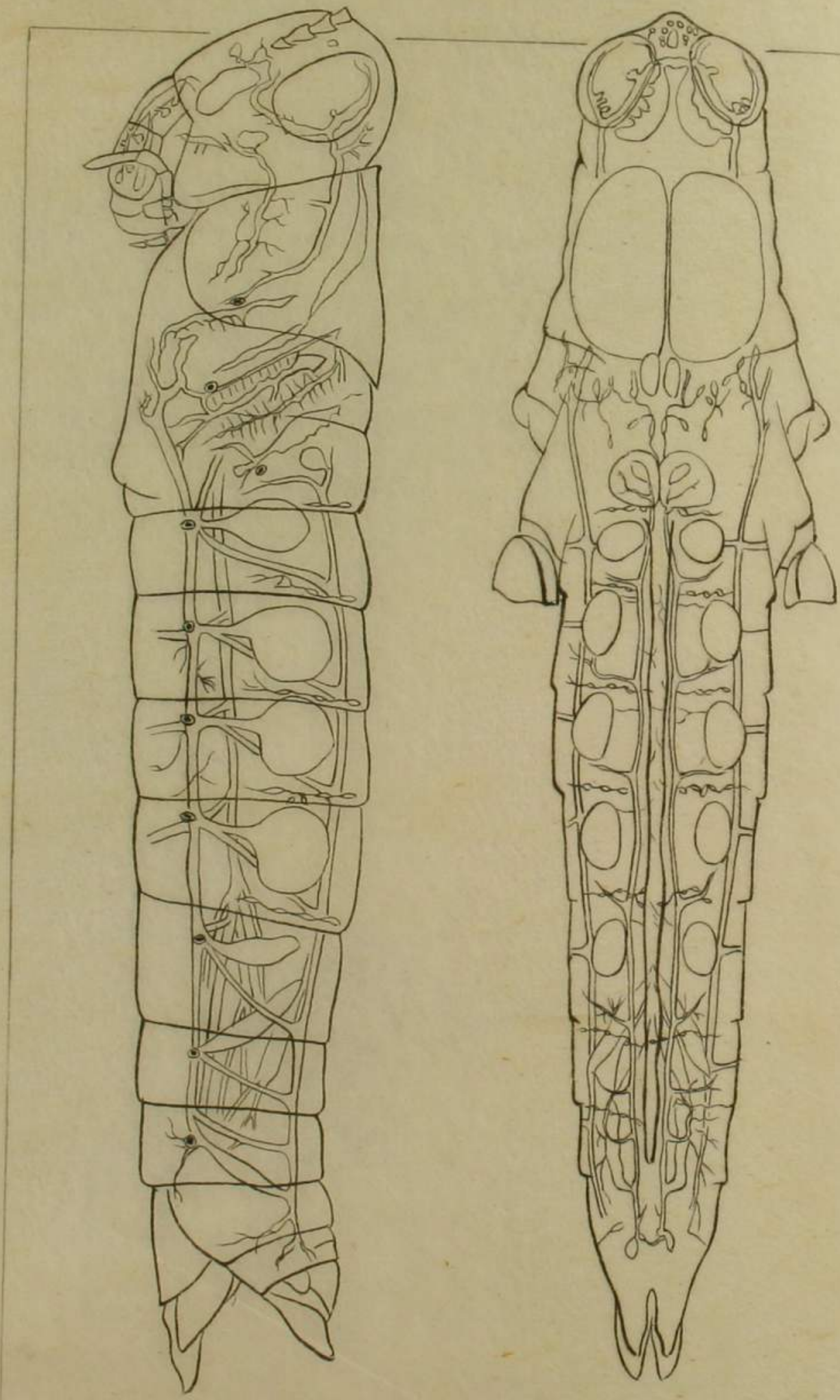
腹  
索

口



かまゆり  
螳螂





魚衣み志



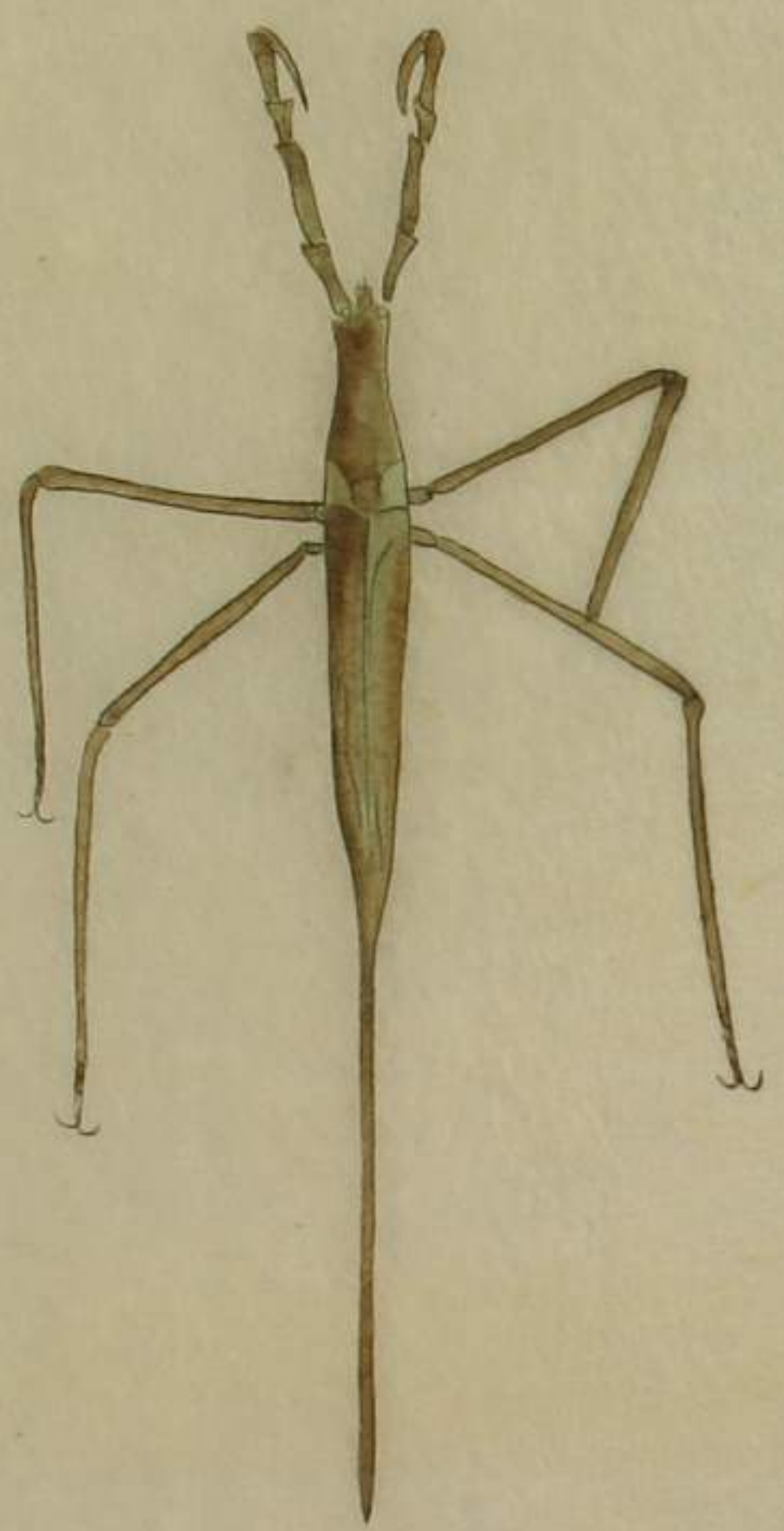
虫尾弾 | むねは



蟻蜚 | むらぶあ



蟀蟋 | んろほ乙



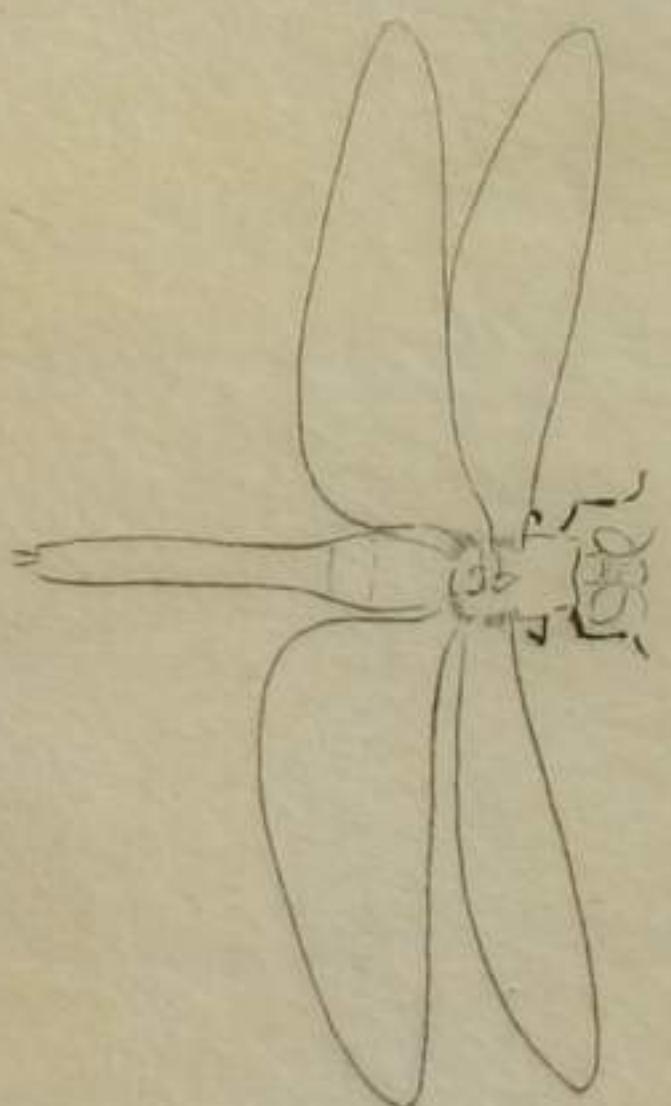
みづのあし



あしづのあし



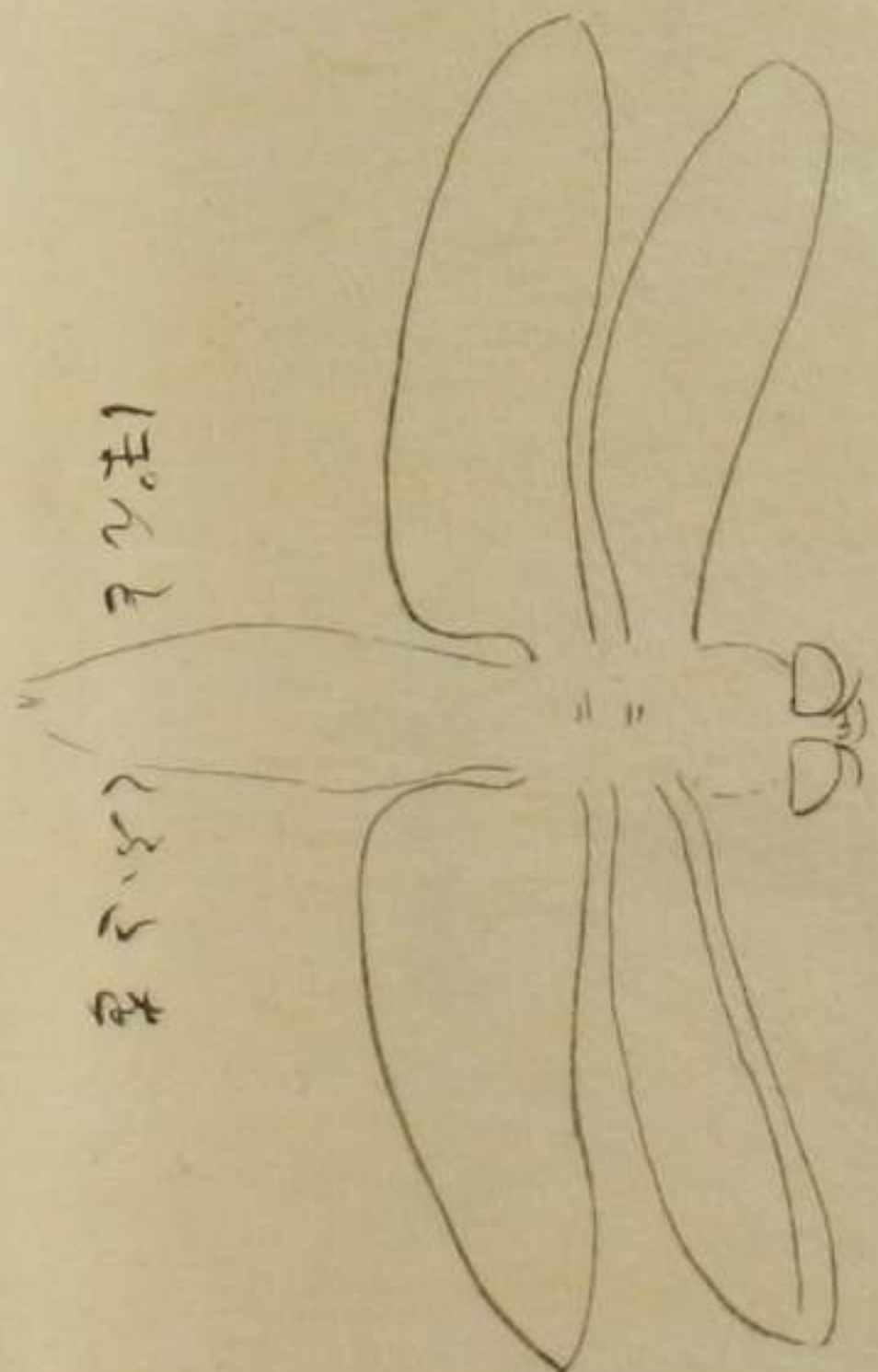
ほんと  
いほほ



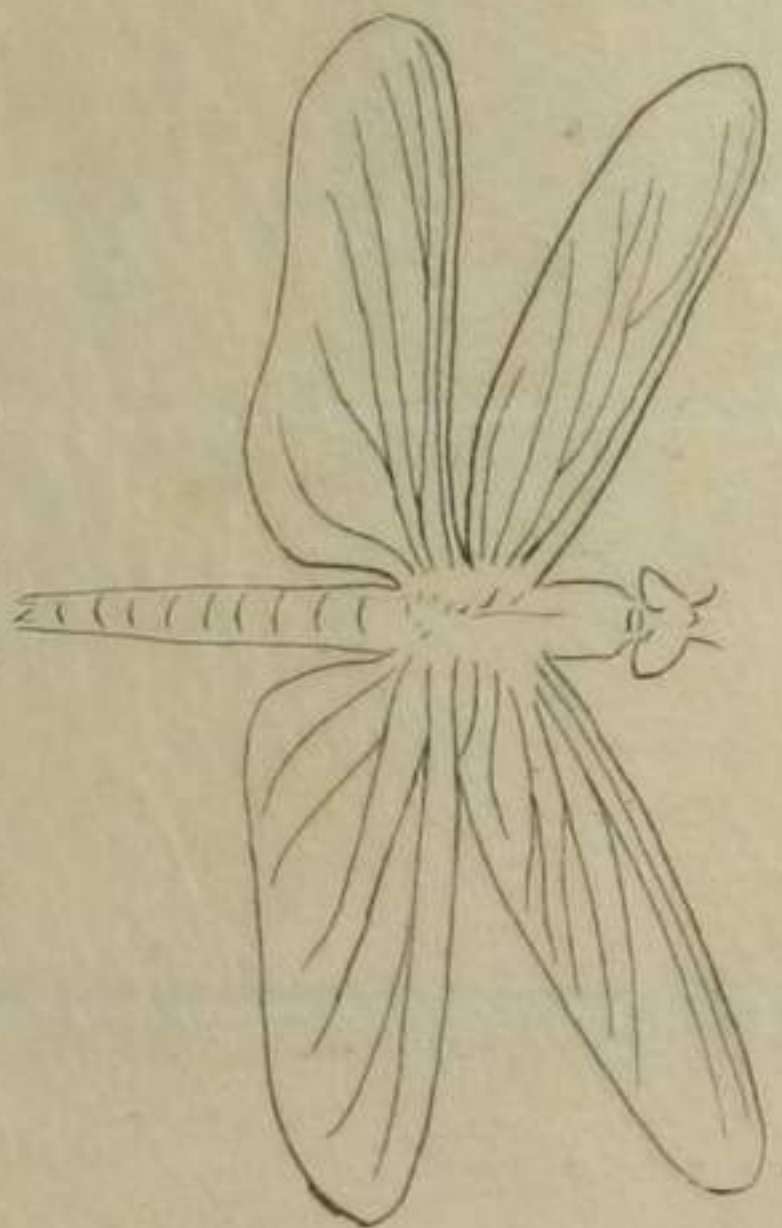
ねかあ  
しち



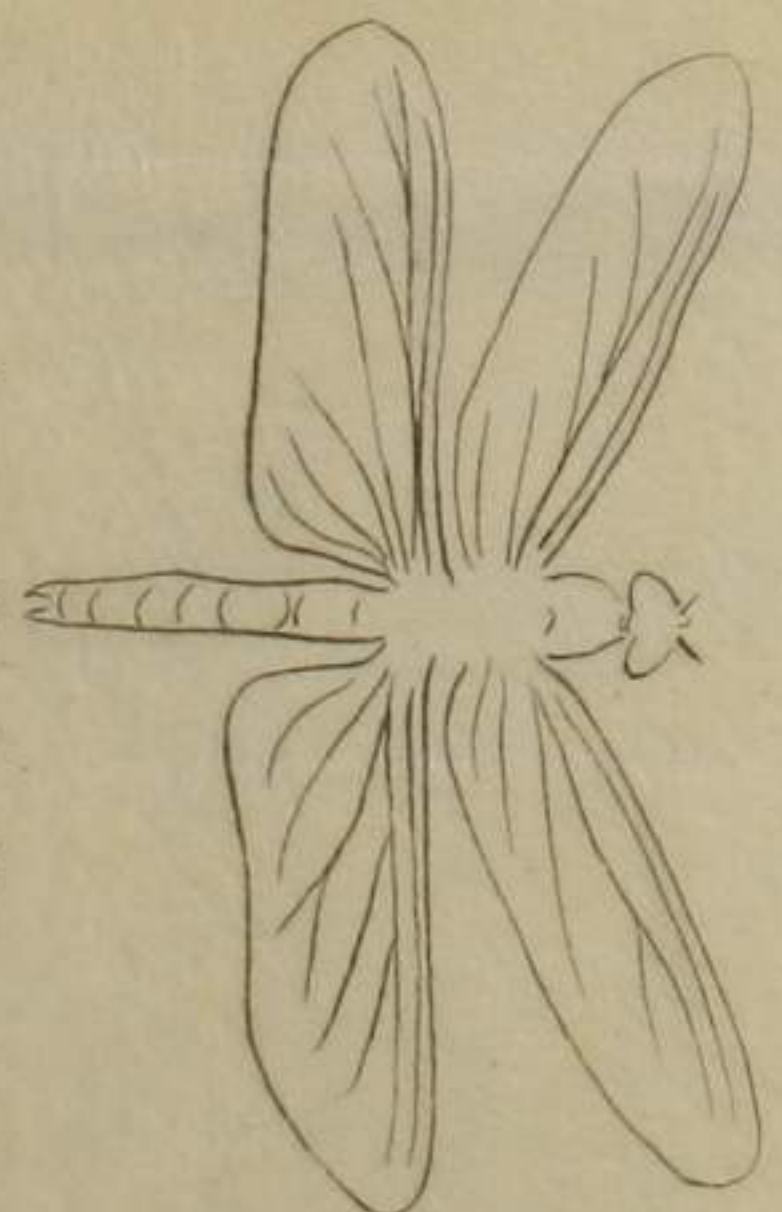
ほんと  
いわぎ



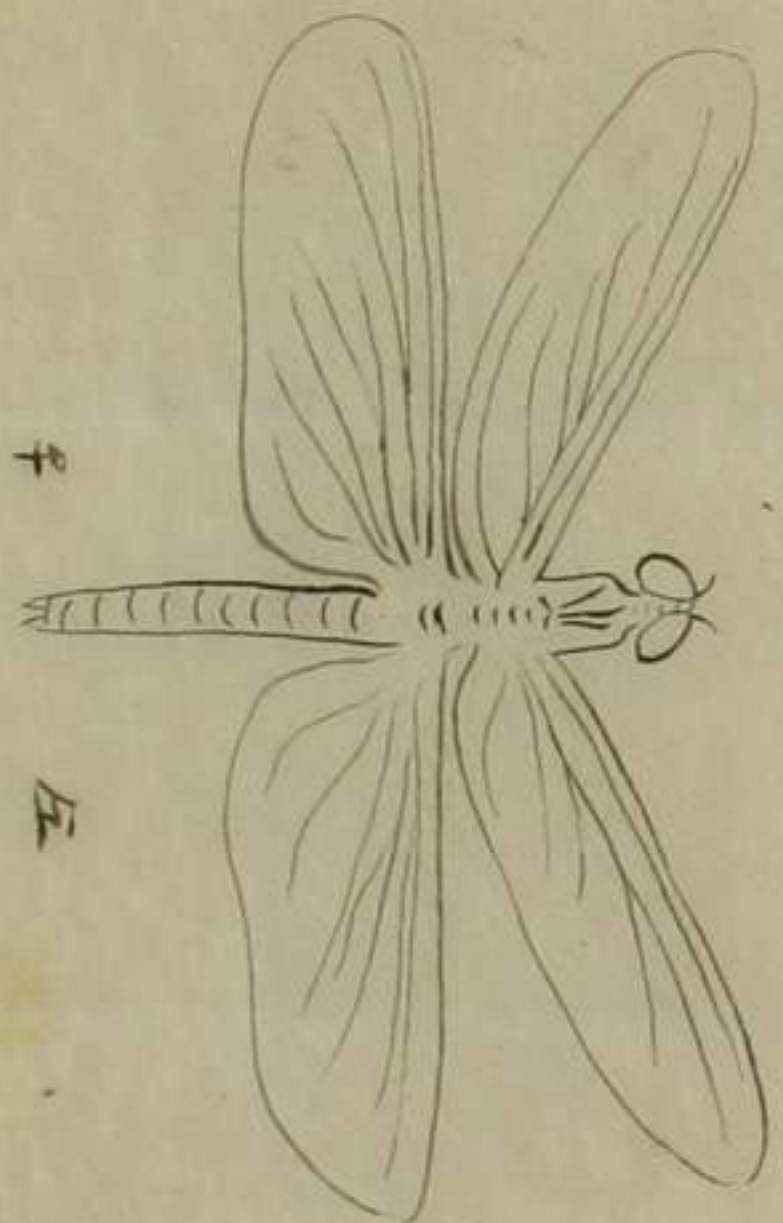
ほんと  
くさ



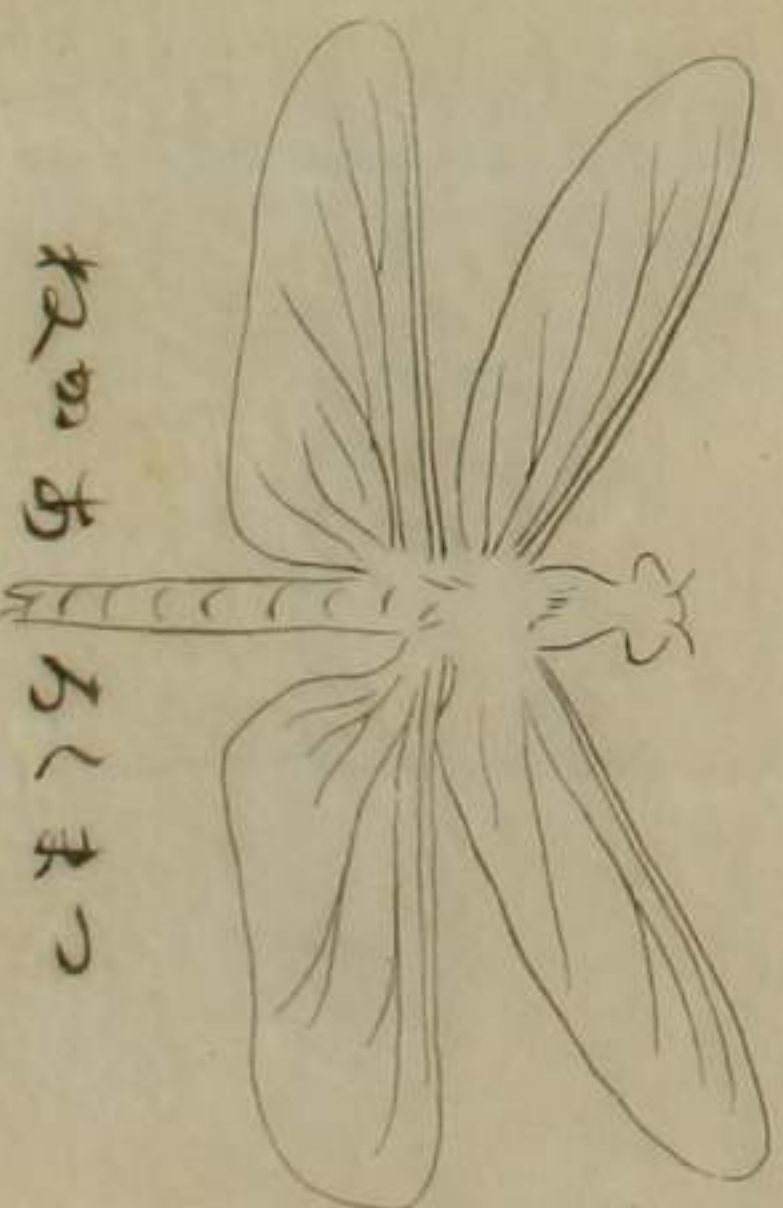
ほんと  
おる



ねかあ  
つ

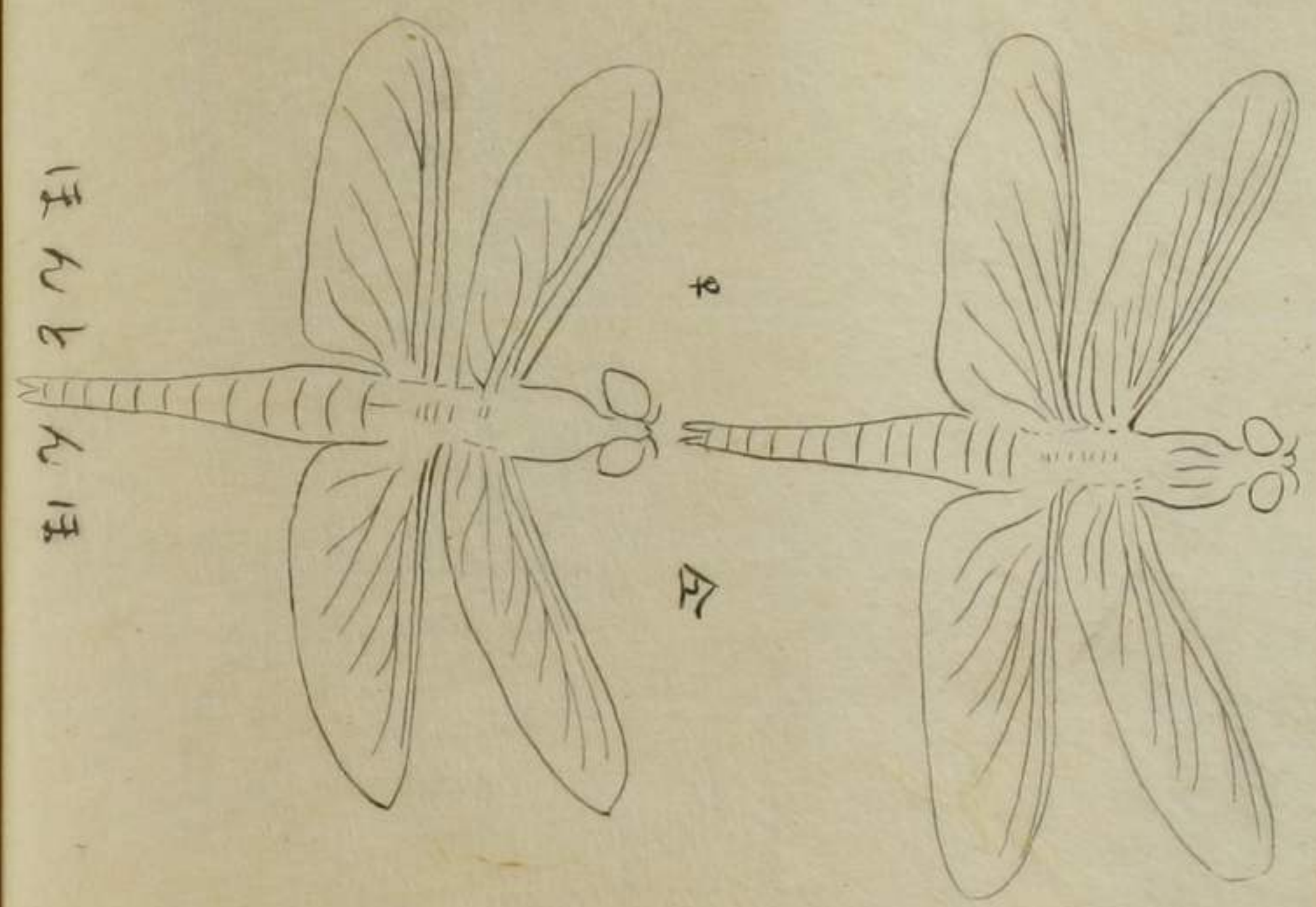
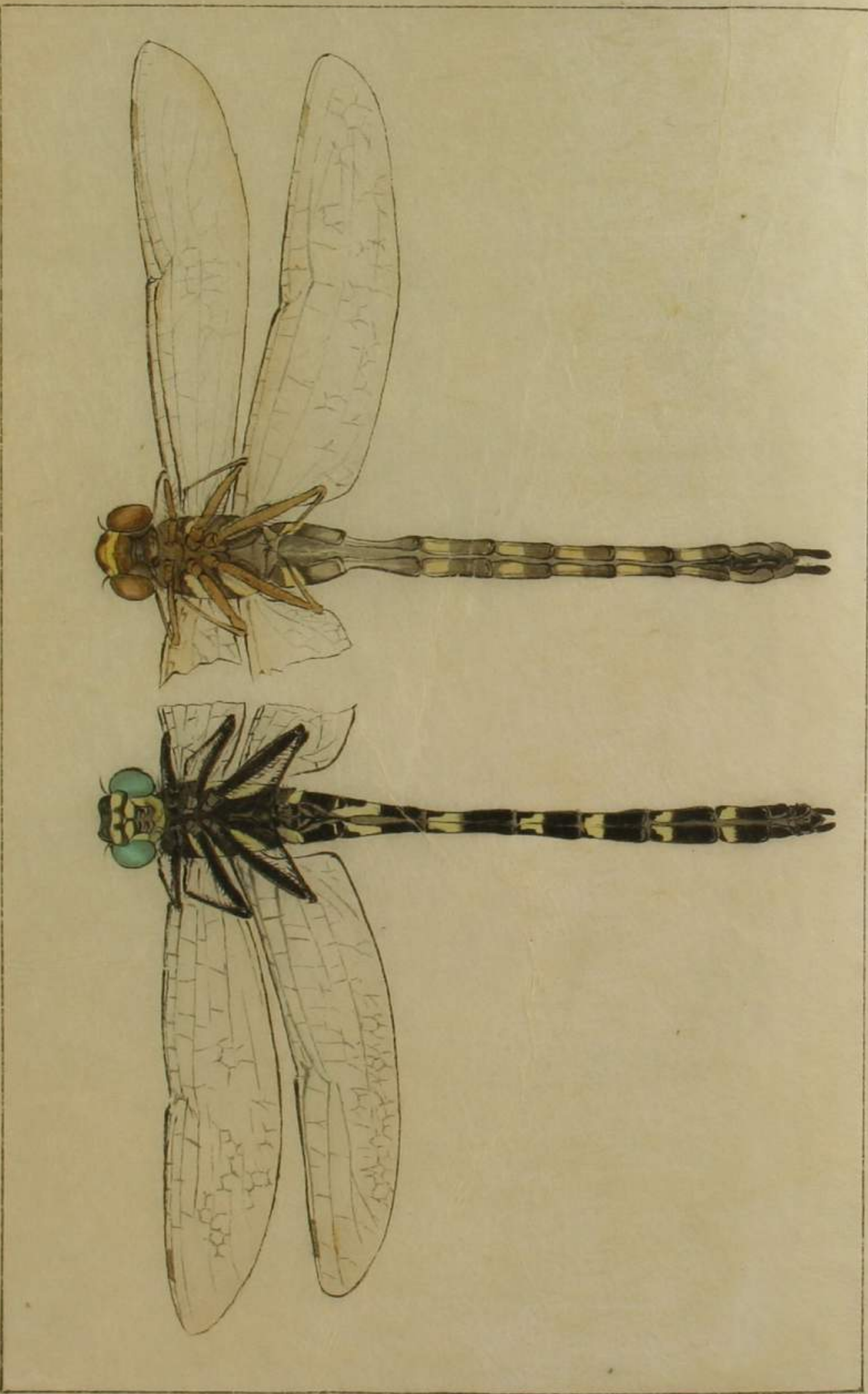


ほんと  
左

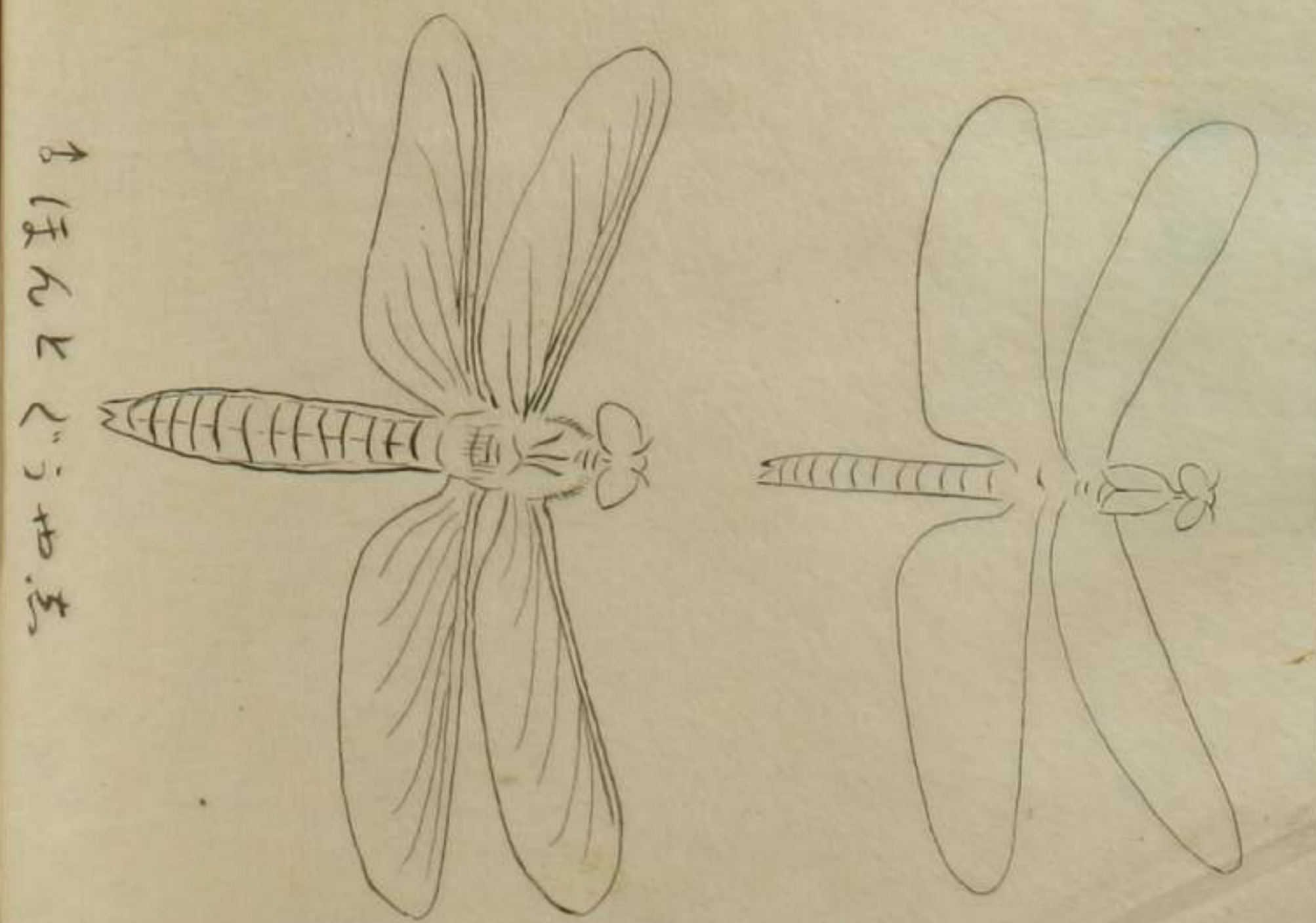


ねかあ  
る





ほんとんほ



↑ほんとんほ



蟬  
點  
三



蟬  
馬  
又  
三



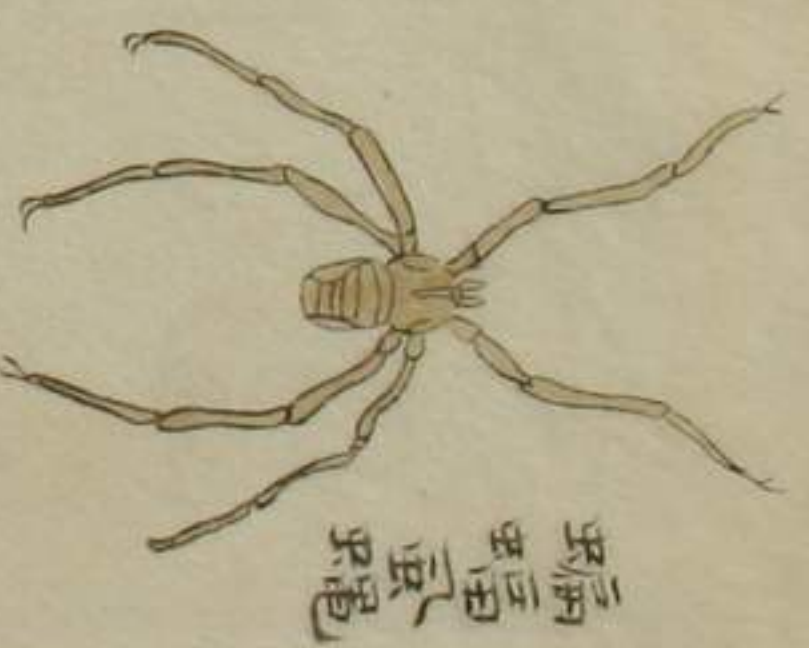
蟬  
未  
者



蟬  
世  
み



蝇虱虱



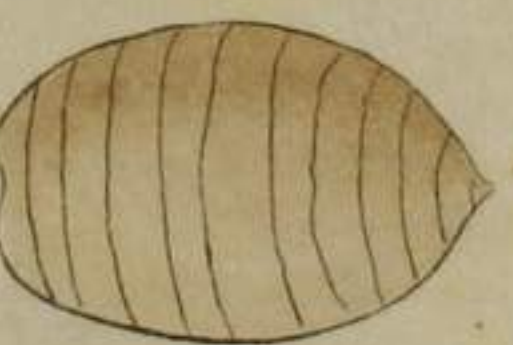
扁虱虱



蝇虱羊



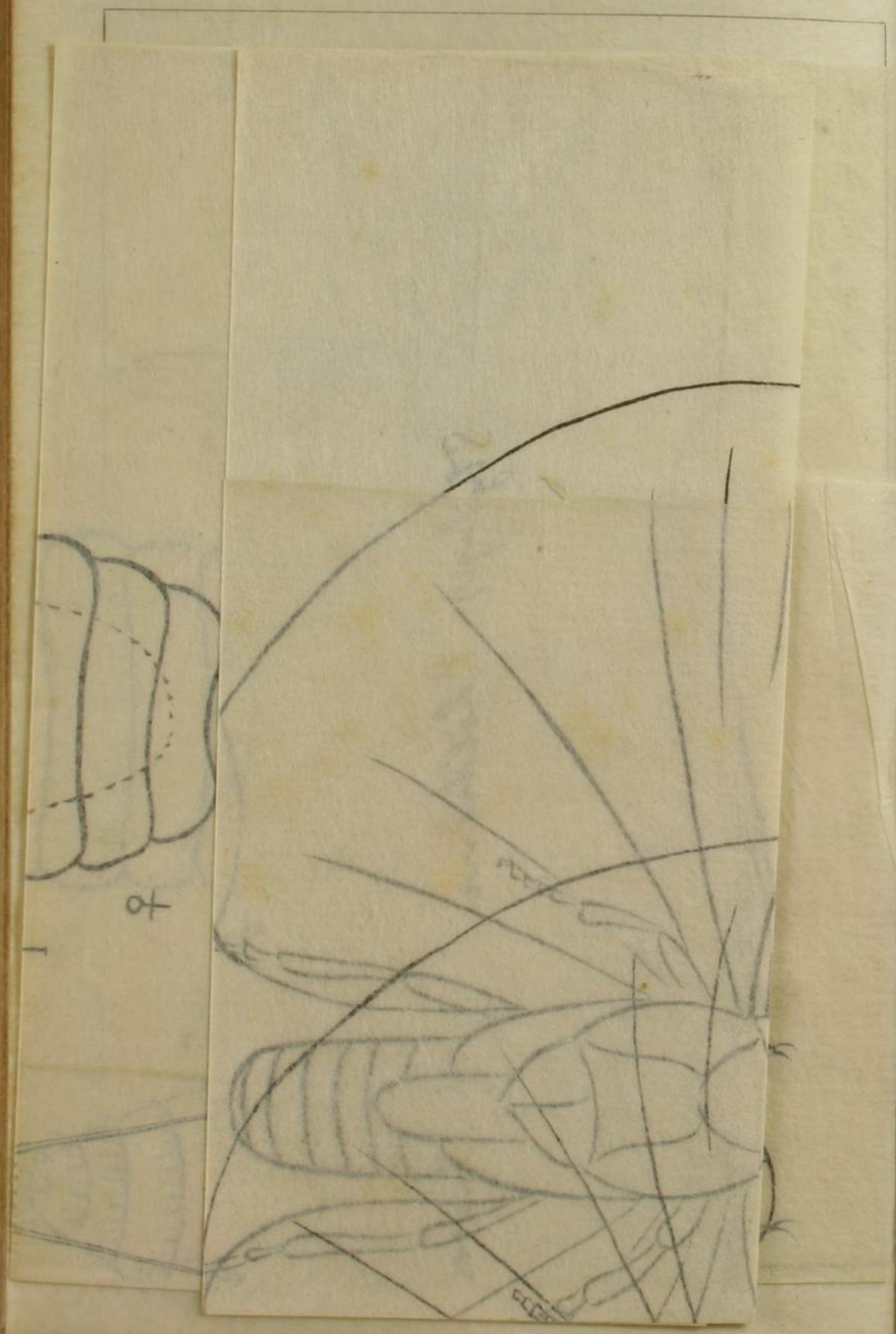
扁虱



虫初

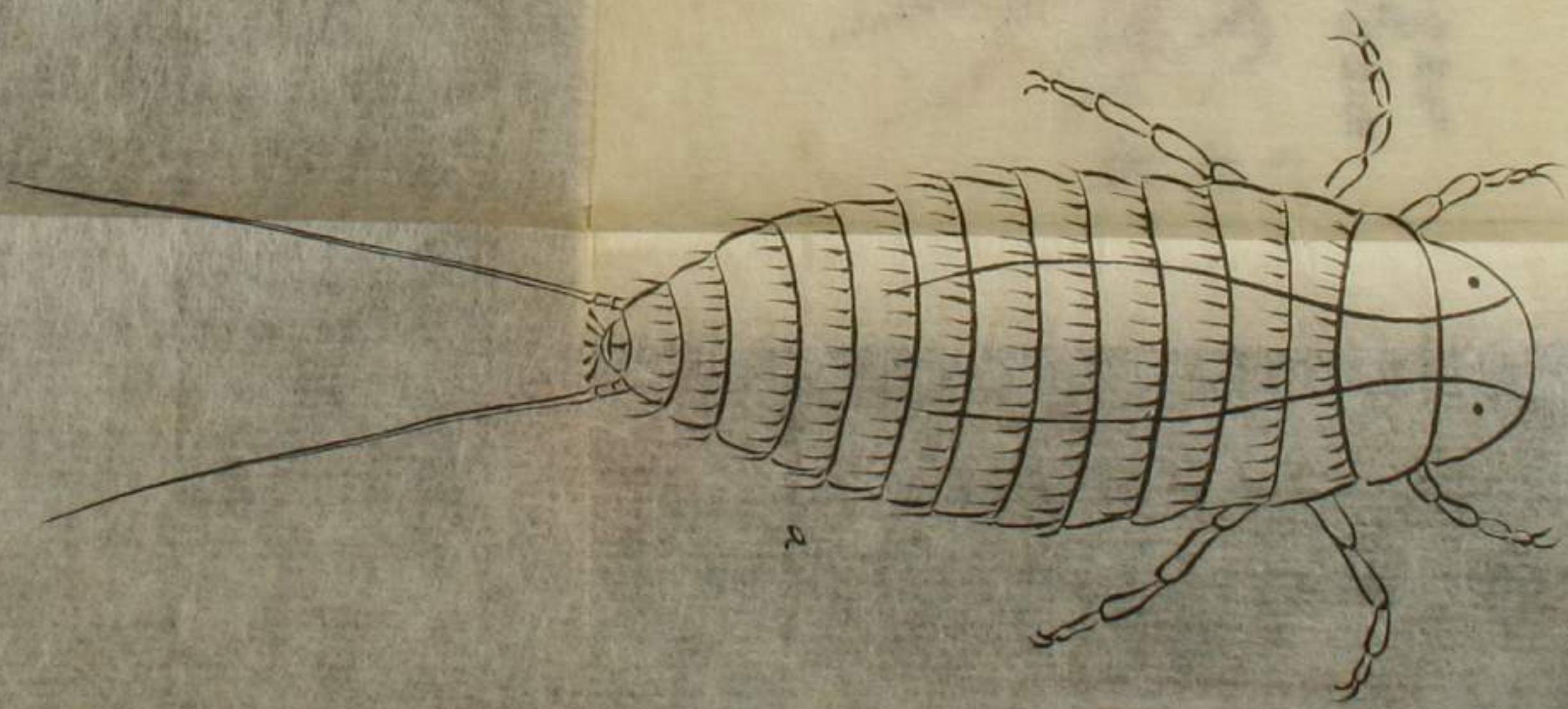
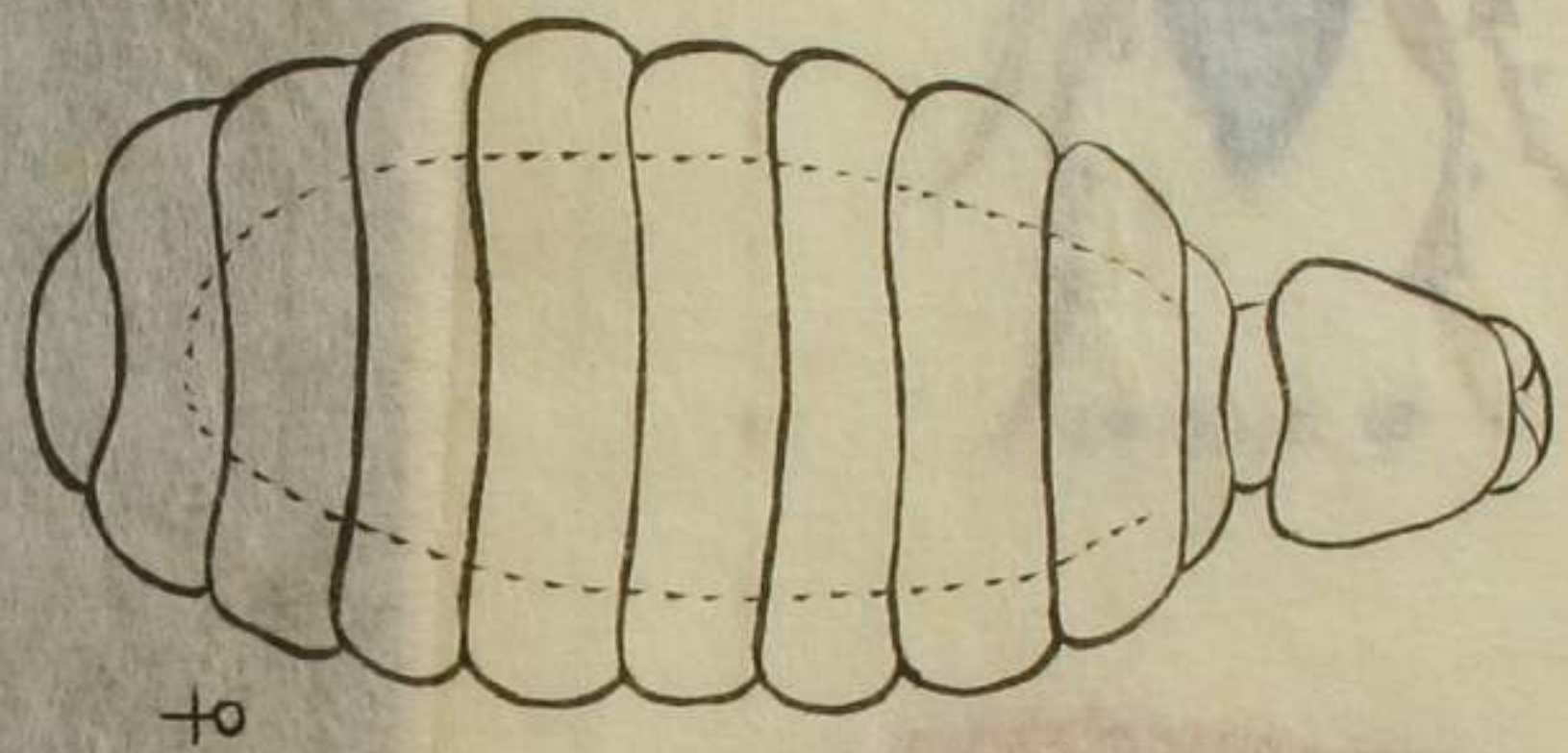
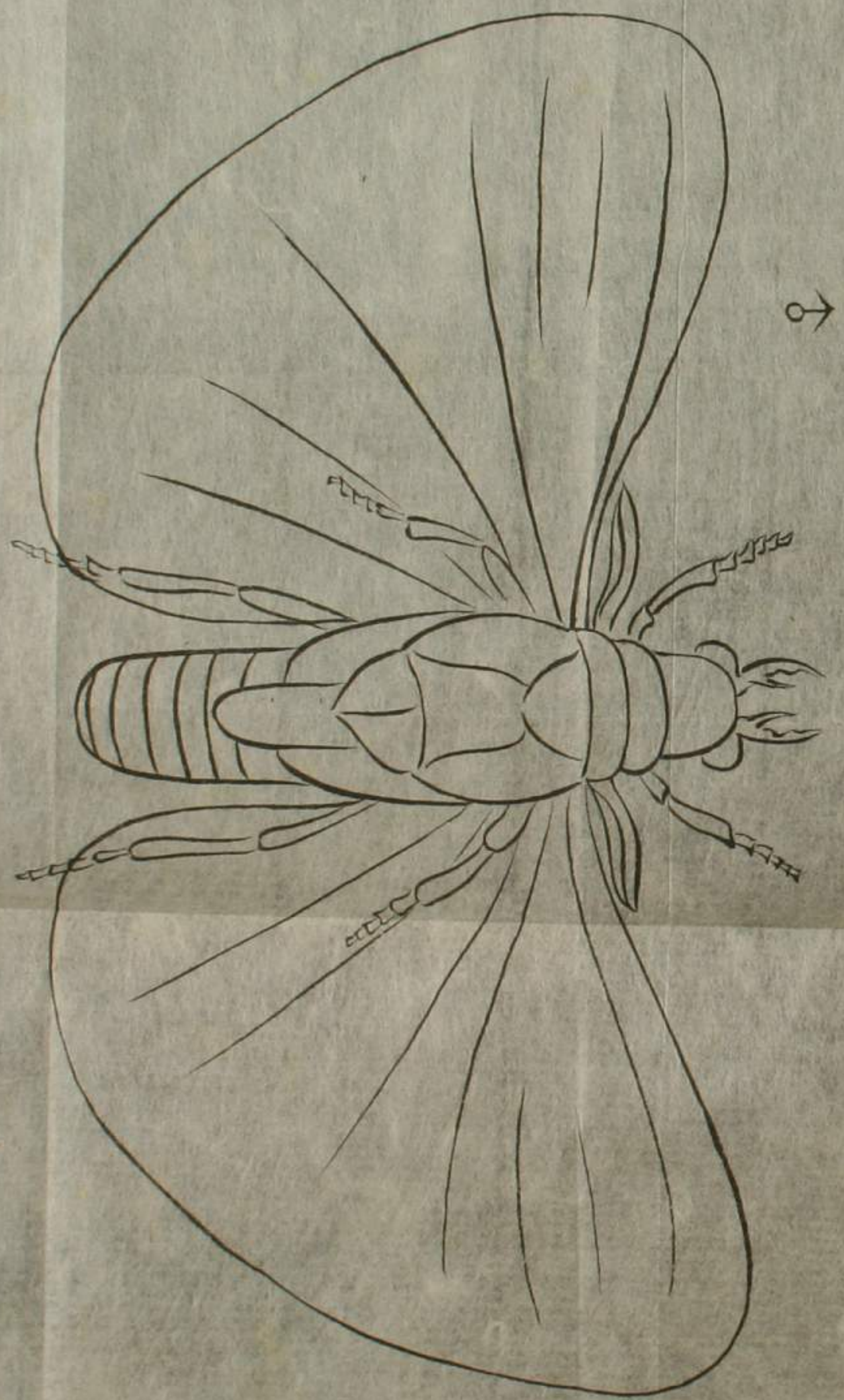


蝇虱蜂



♀

*Stylops Childermi* a larva



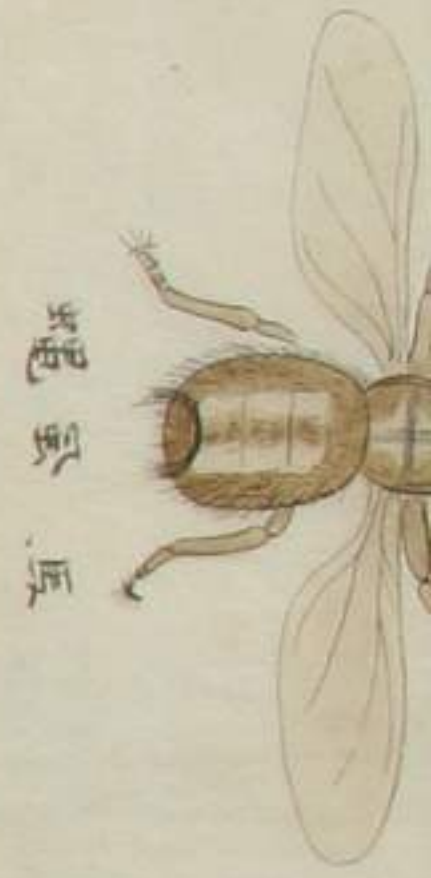
蝇虱羊



虫初



蝇虱蜂



蝇虱兵

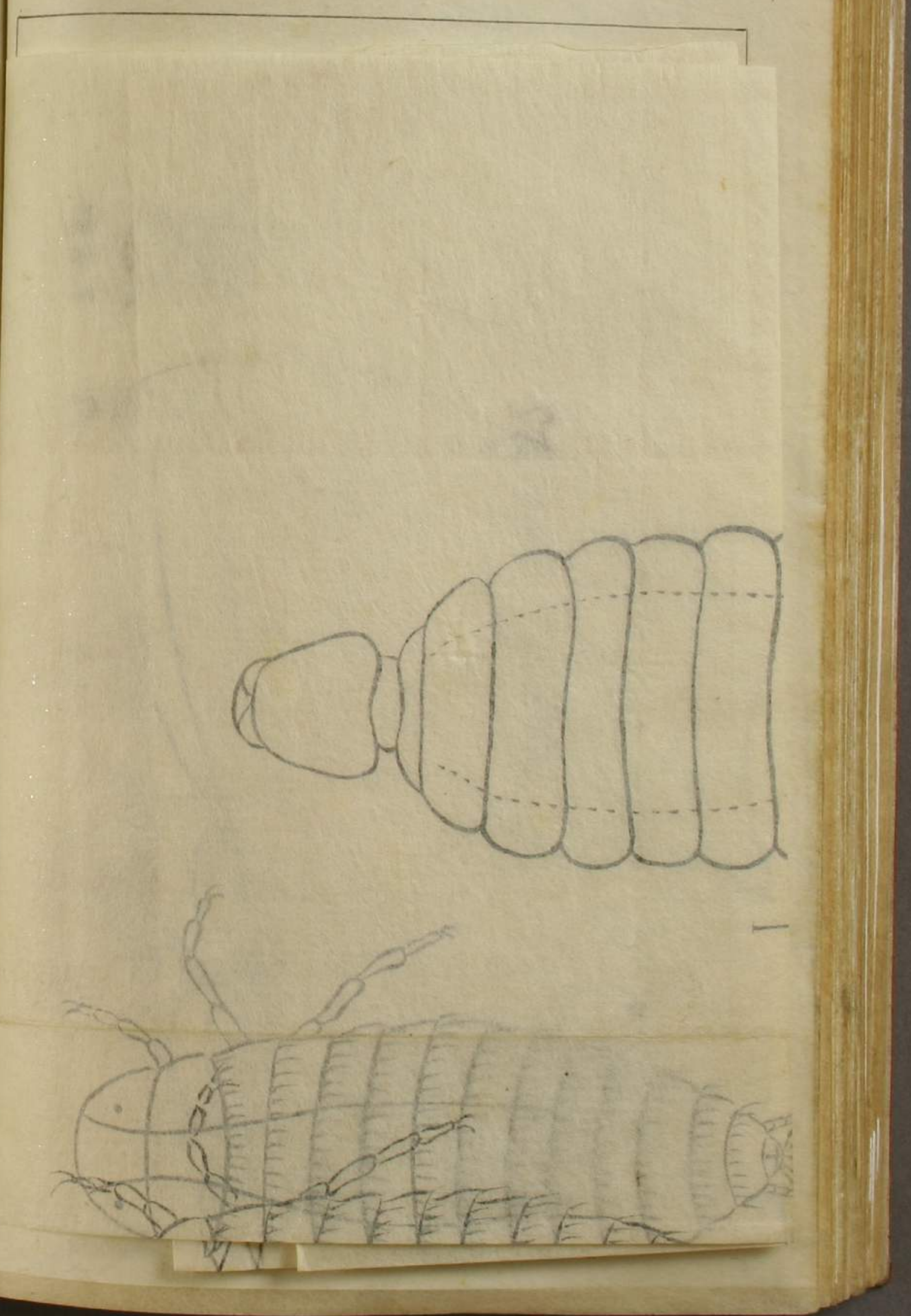


蝇虱



甲虫(背)

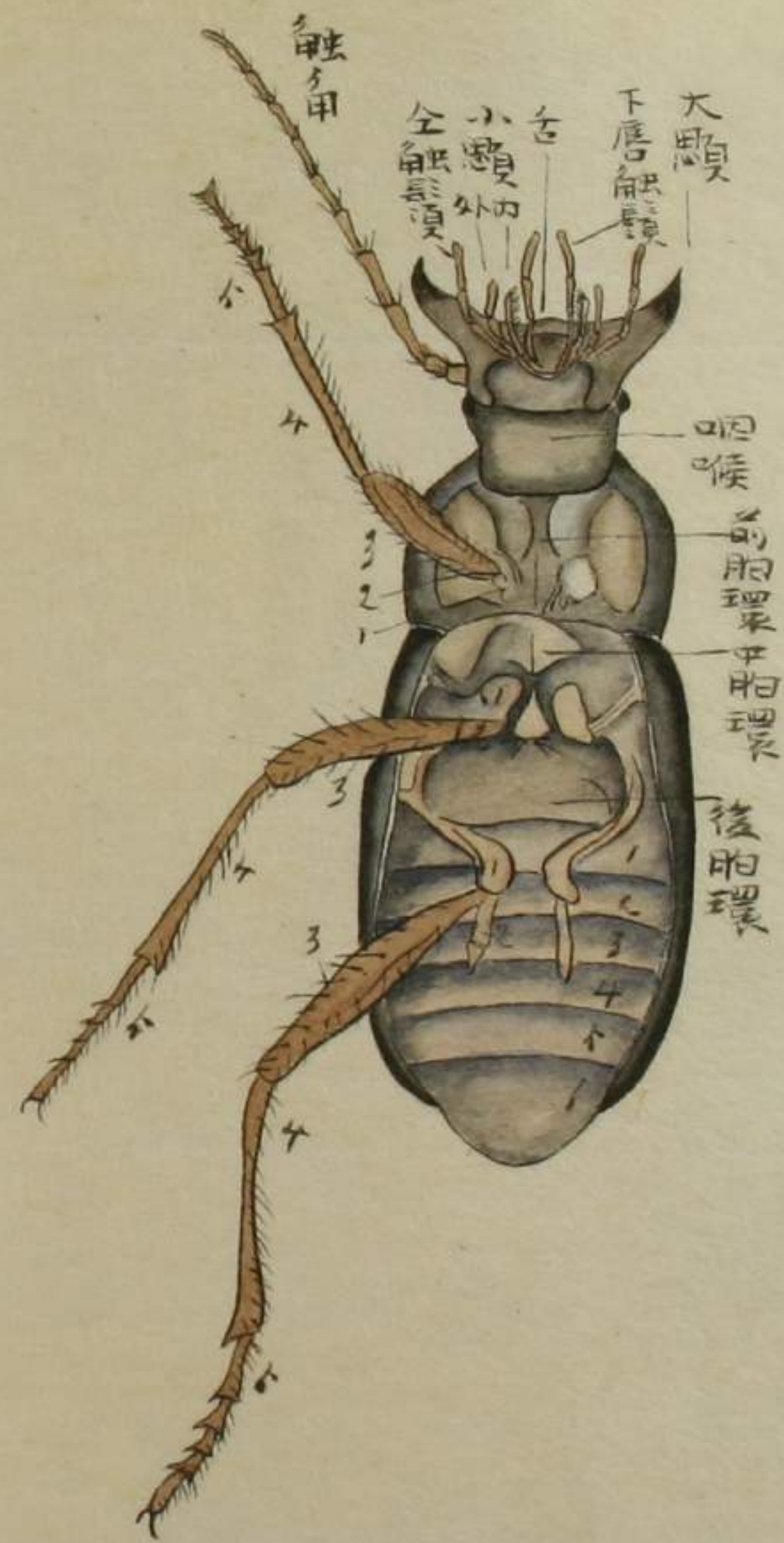
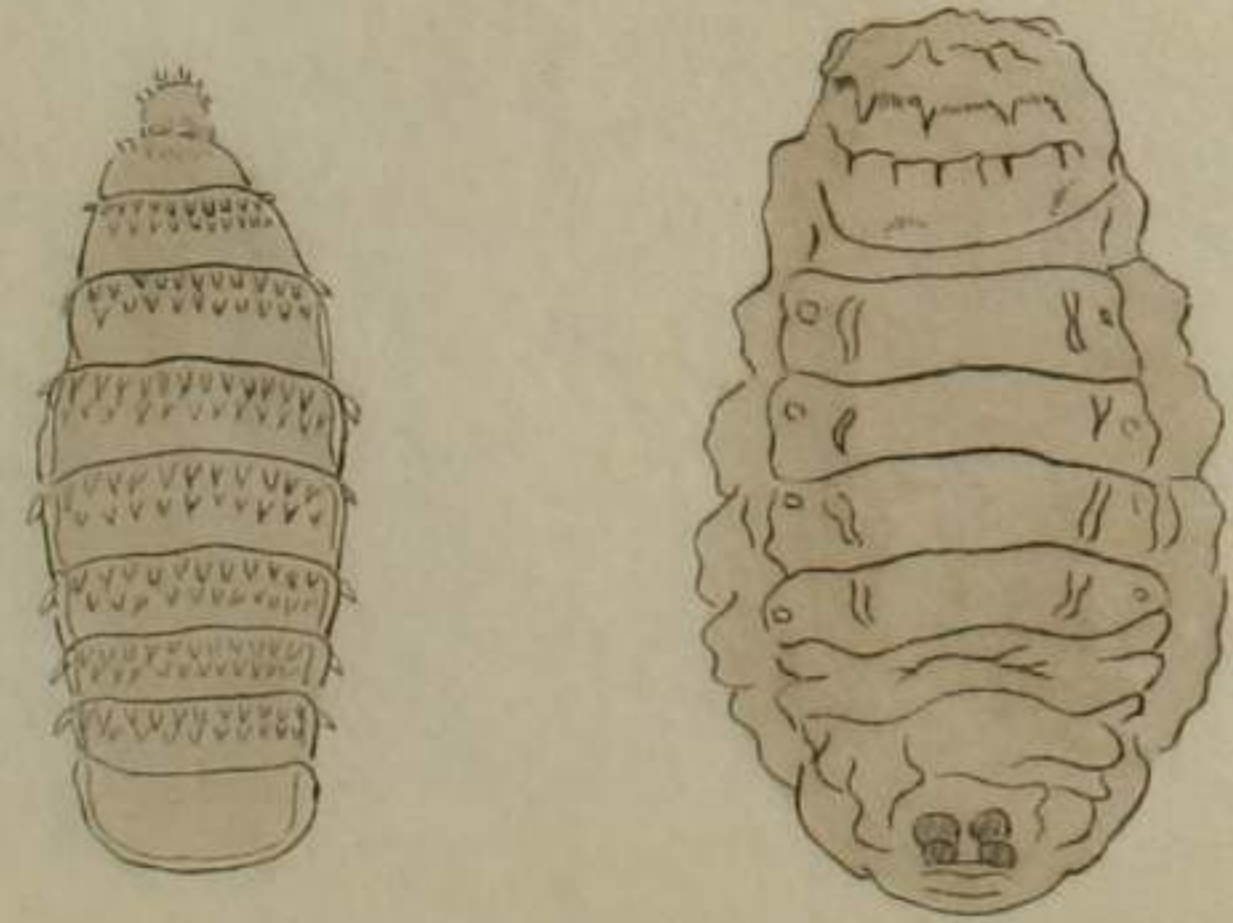
蚤





馬  
蠅及  
切  
虫

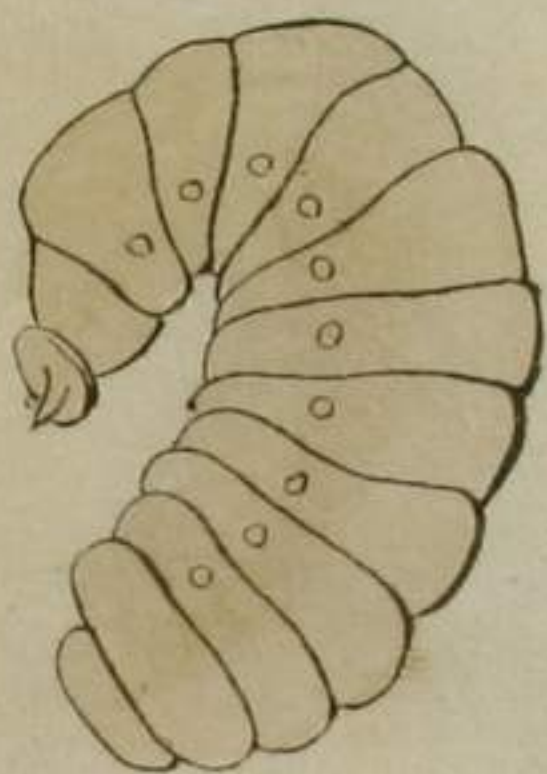
牛  
蠅及  
幼  
虫

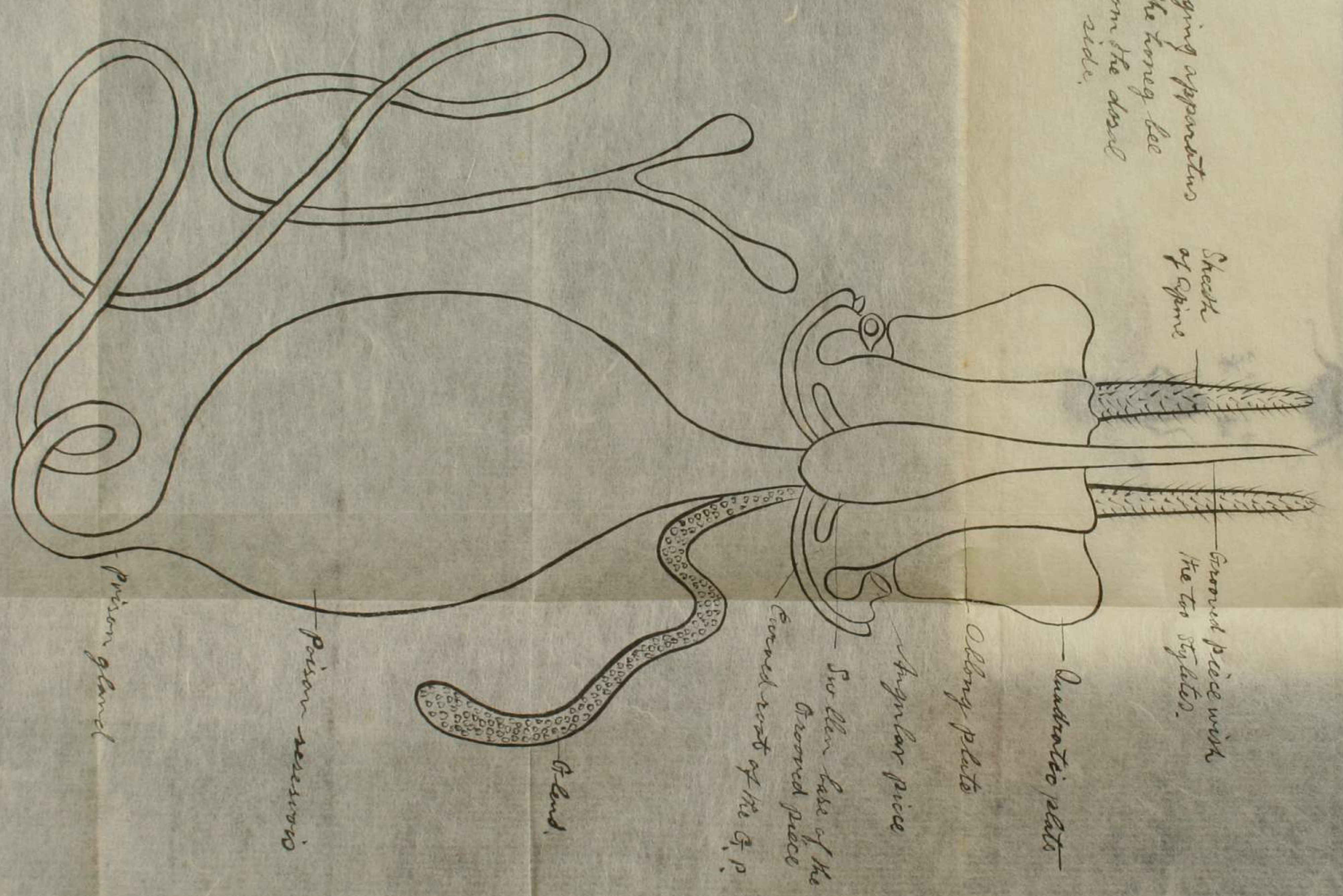


(面腹)虫甲



蜂  
夏  
態





Stinging apparatus  
of the honey bee  
from the dorsal  
side.

Sheath  
of spines

General piece with  
the two stylets.

Quadratic plate

Oblong plate

Angular piece

See also base of the  
General piece

Covered part of the G.P.

Gland

Poison reservoir

Poison gland







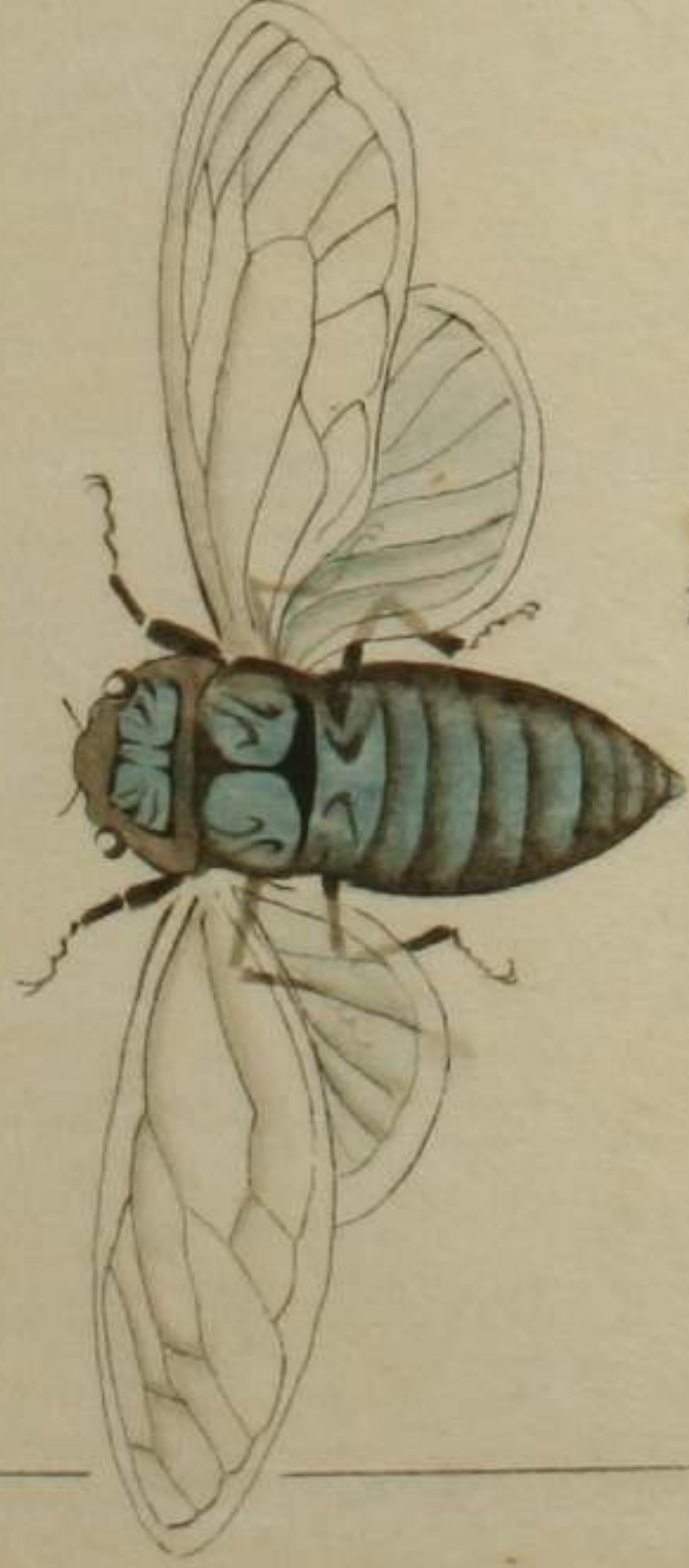
蟬 黒  
ミセロヤミ  
シニシ



蟬 瑪  
ミゼラガ  
ア



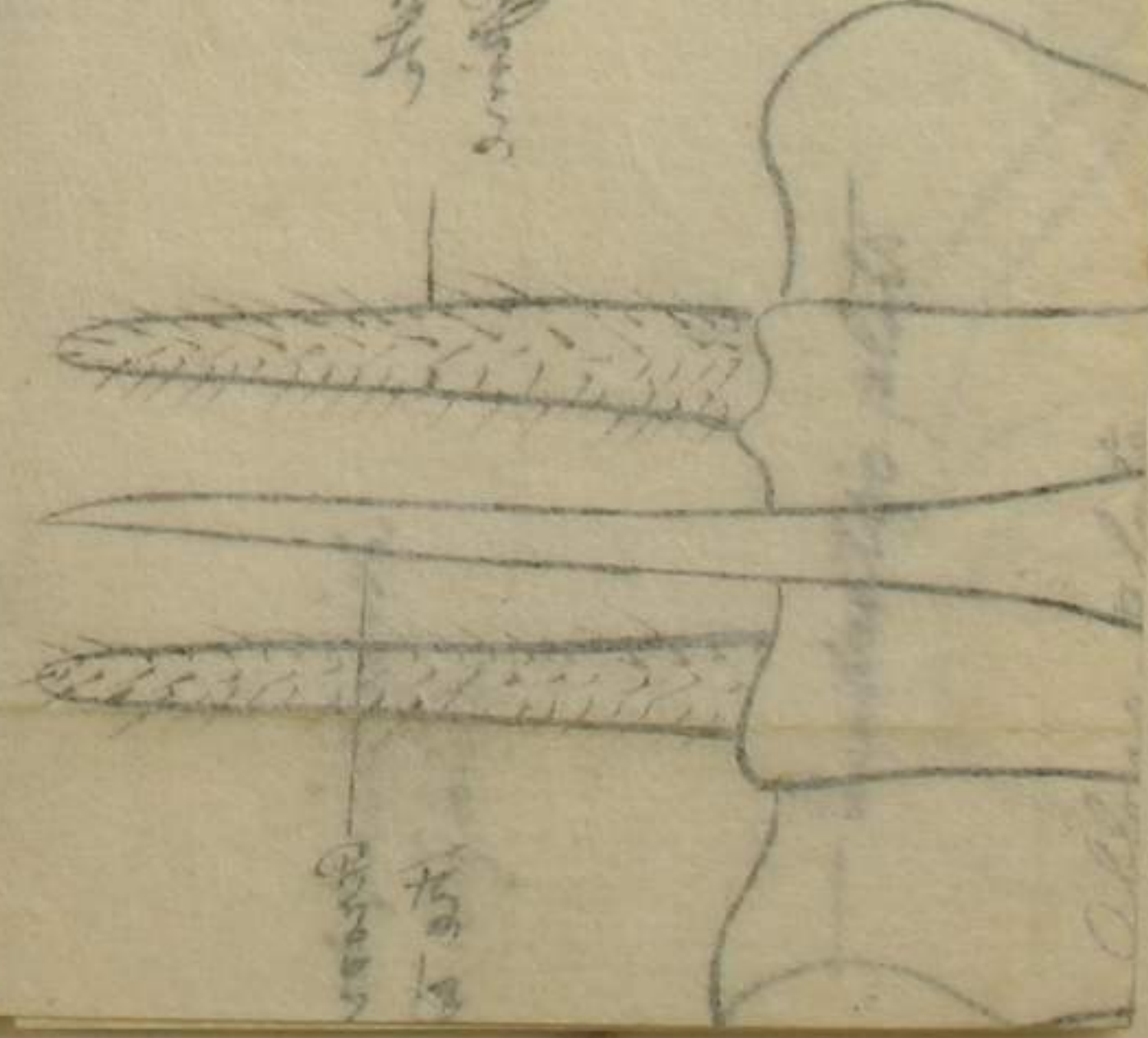
蟬 愛  
シホリウ  
カ



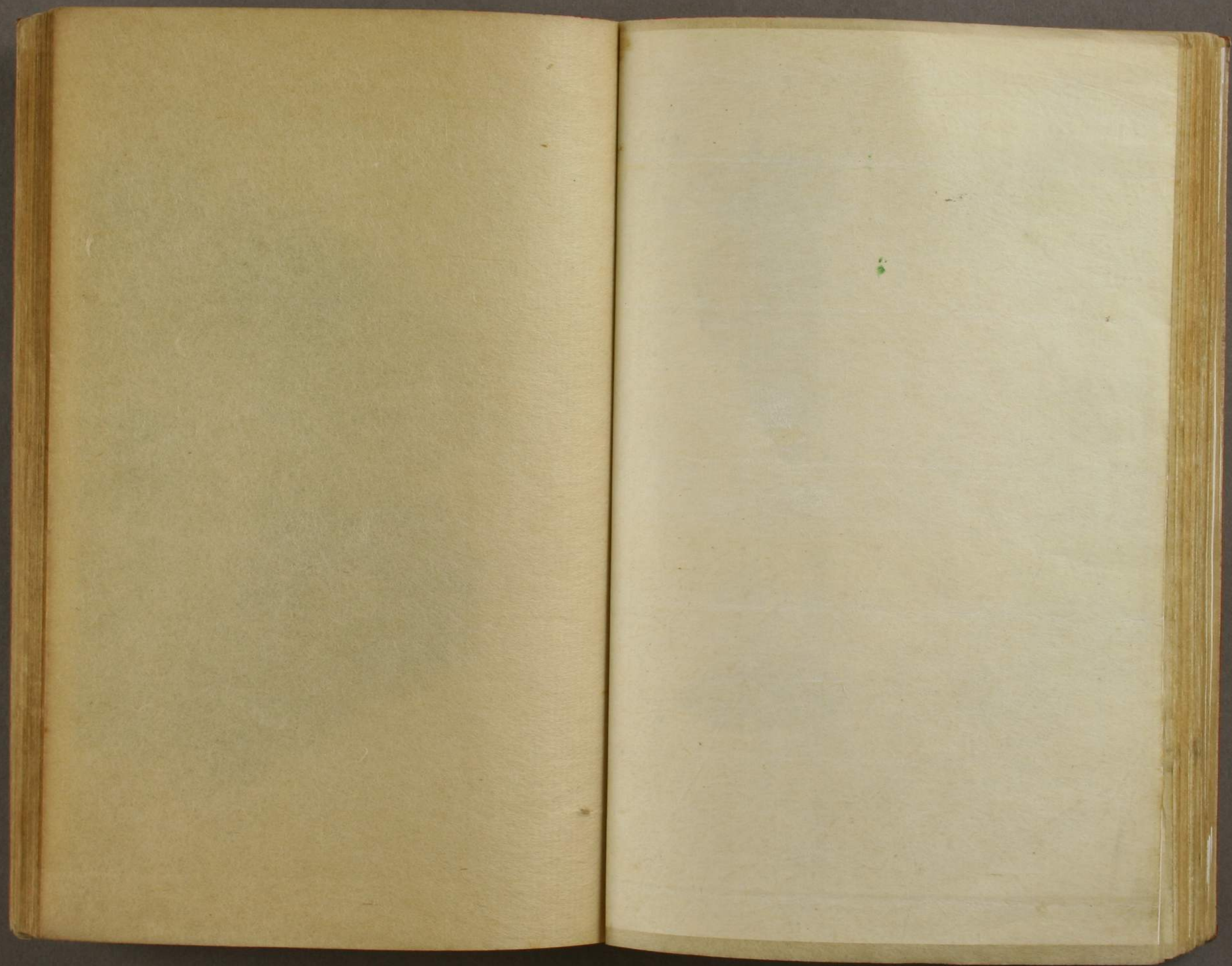
蟬 青  
シラガ  
ニ

*Handwritten notes in cursive script, likely Latin or French, describing the specimens.*

*Handwritten notes in cursive script, likely Latin or French, describing the specimens.*



*Handwritten notes in cursive script, likely Latin or French, describing the anatomical drawings.*





*Eurippus Chabernola* (Hewes & Town)  
松内心らさき



*Neptis alerna*, Bremer  
おほみすぢてふ



*Limnites sibylla*, (L.)  
いちもんぢ



*Limnites Helmanni*, Leder  
なみさきいちもんぢ



*Apatusa ilia* (Hübner)  
こむらさき



*Limenites Populi* (L.)  
たほいちんち



*Neptis acclis* (Lep.)  
こみすぢてふ



*Neptis eurynome* (Weaw)  
りうきうみんち



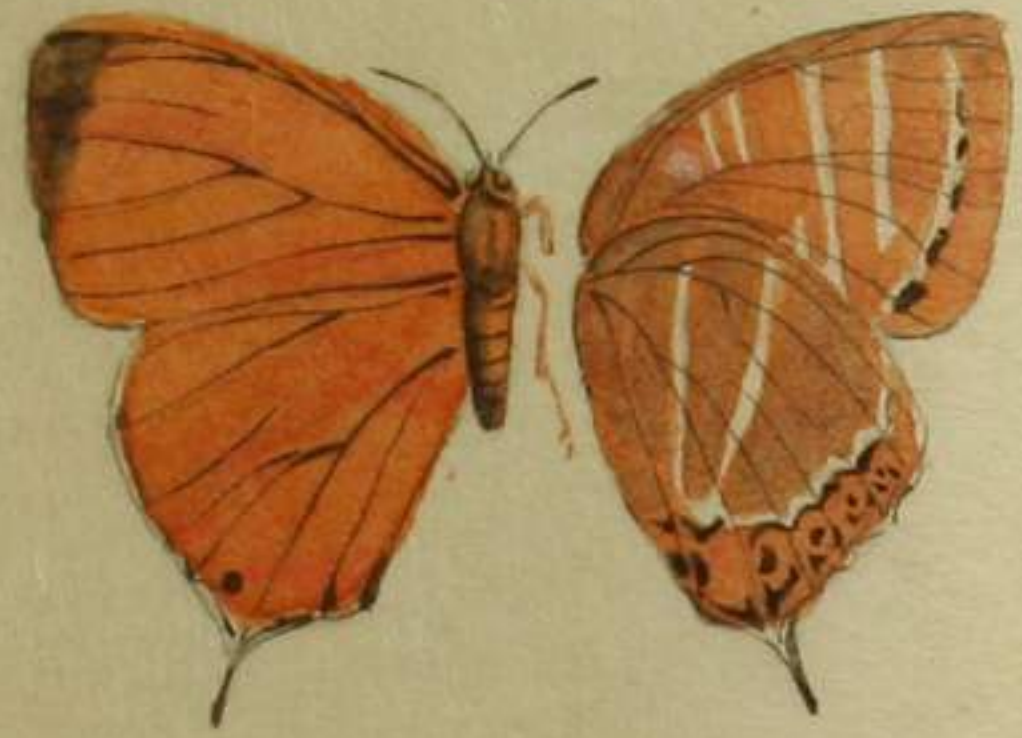








Fig. 3







*Neptis lucilla* (Hübner)  
ふたぢおてふ



*Neptis pygmaea*, Buttl.  
ほしぢおてふ



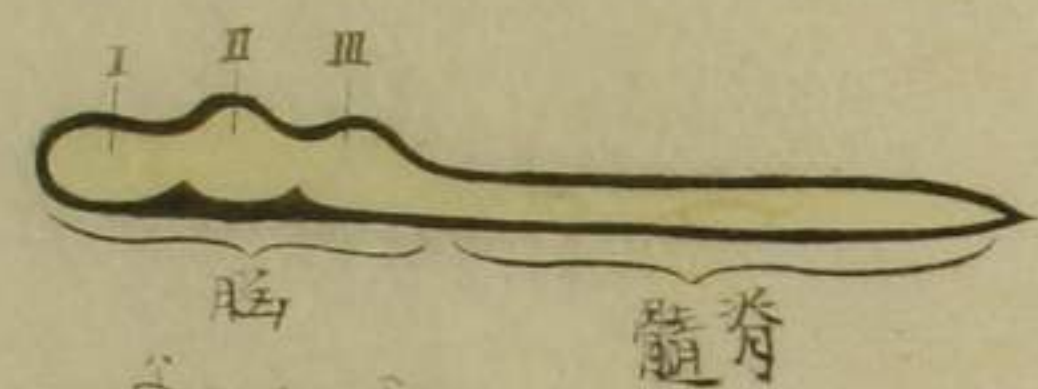
*Neptis excellens*, Buttl.  
おぢおてふ



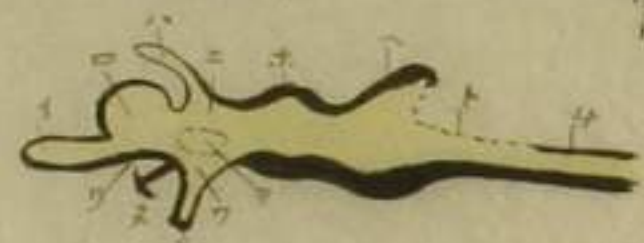


脊椎動物類腦

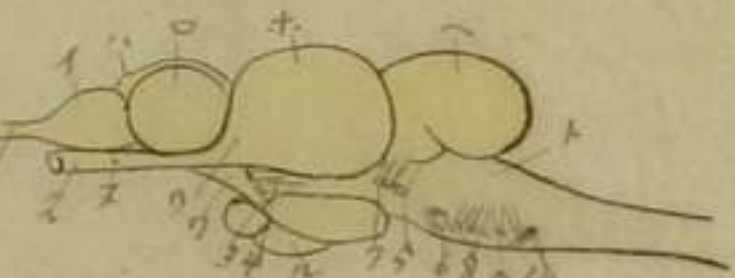
形 脊椎動物類  
神系系原始



乙 胚見腦  
縱断面



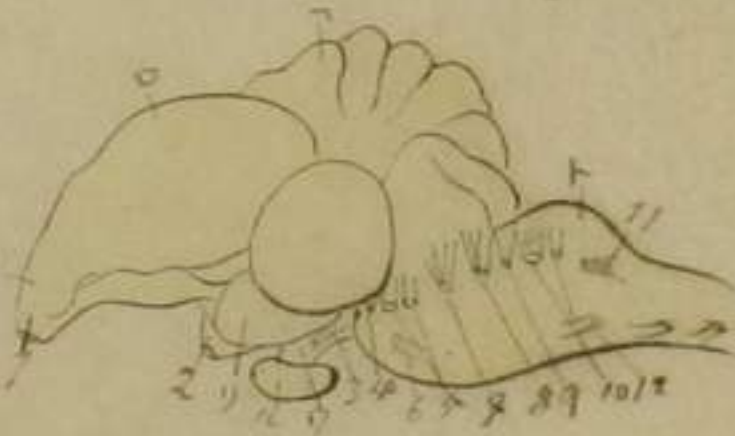
丙 いな  
自然



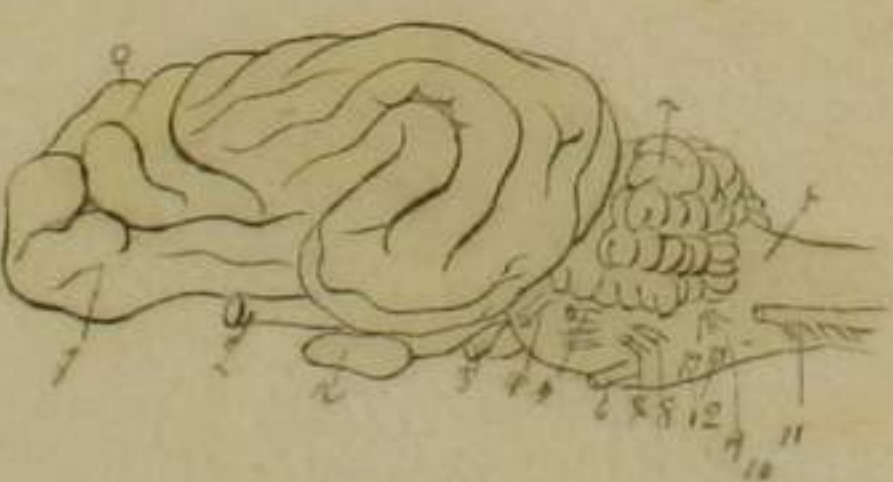
丁 ののろ  
稍變



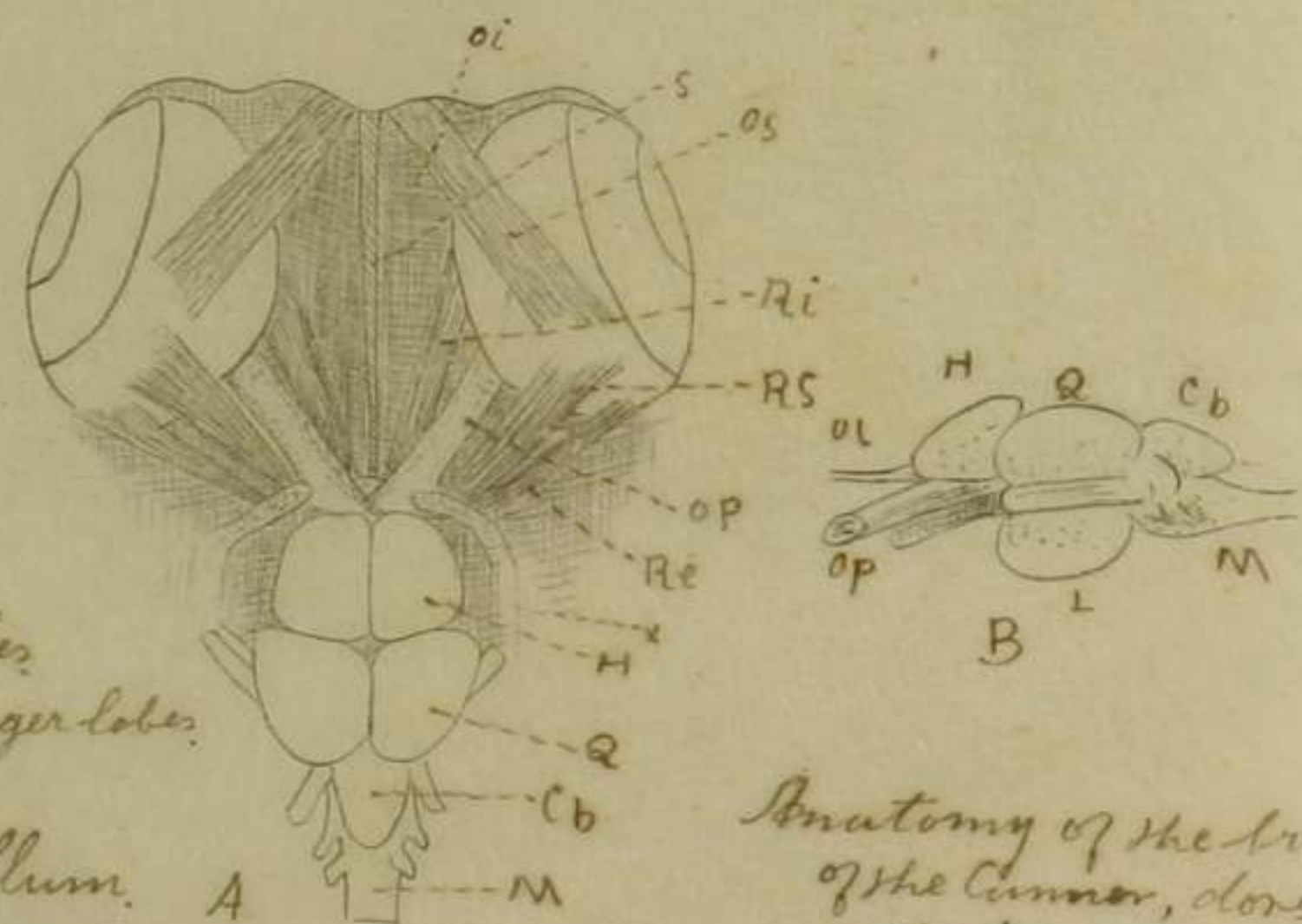
戊 自然



己 大脳  
縮圖

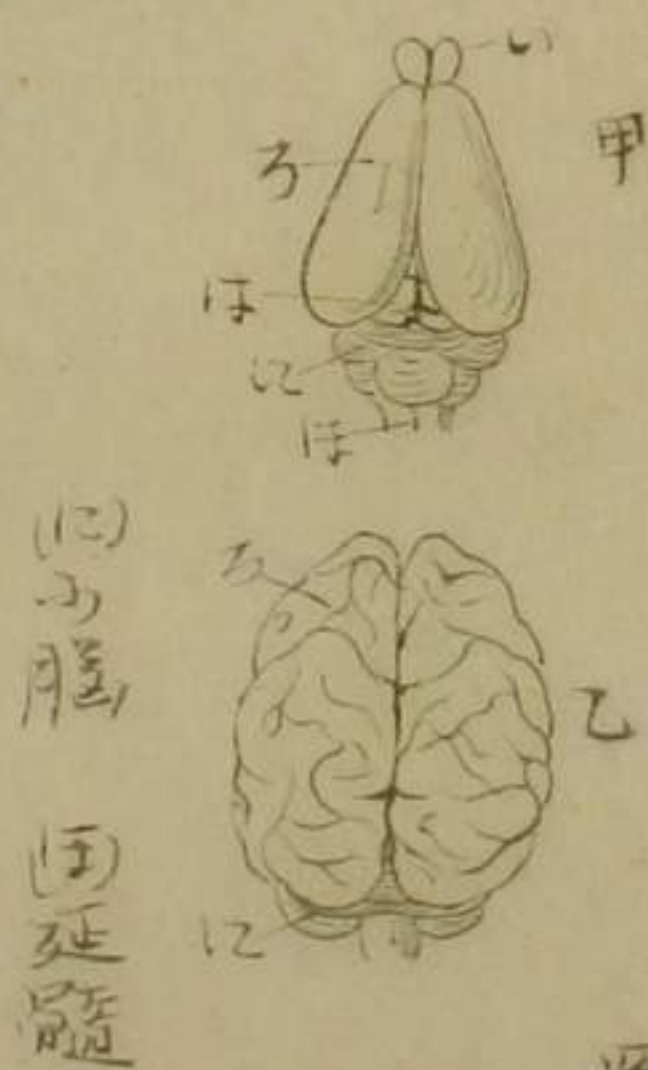


Ⅰ Ⅱ Ⅲ Ⅳ Ⅴ Ⅵ Ⅶ Ⅷ Ⅸ Ⅹ Ⅺ Ⅻ Ⅼ Ⅽ Ⅾ Ⅿ  
 Ⅰ 小脳 Ⅱ 延髓 Ⅲ 脊髄 Ⅳ 嗅神系 Ⅴ 前腦 Ⅵ 松子腺 Ⅶ 間腦 Ⅷ 中腦  
 Ⅸ 後腦 Ⅹ 視神系 Ⅺ 延髓 Ⅻ 脊髄 Ⅼ 嗅神系 Ⅽ 前腦 Ⅾ 松子腺 Ⅿ 間腦  
 ⅰ 小脳 ⅱ 延髓 ⅲ 脊髄 ⅳ 嗅神系 ⅴ 前腦 ⅵ 松子腺 ⅶ 間腦 ⅷ 中腦  
 ⅸ 後腦 ⅹ 視神系 ⅺ 延髓 ⅻ 脊髄 ⅼ 嗅神系 ⅽ 前腦 ⅾ 松子腺 ⅿ 間腦



- (H) two lobes
- (Q) two larger lobes
- (Cb) cerebellum. A
- (M) medulla oblongata
- (OP) optic nerves
- (s)
- (RS) Rectus superior
- (S) interorbital septum.
- (Ri) Rectus internus
- (Re) Rectus externus
- (os) Superior
- (oi) inferior

Anatomy of the brain  
of the Lemur, dorsal  
and side view.  
B. ol, olfactory lobes;  
the crura and the thalamus  
not represented.  
Drawn by C.S. Minot.



(1) 小腦  
(2) 延髓

甲 兔腦  
乙 猴腦  
丙 犬腦  
丁 牛腦  
戊 馬腦  
己 人腦  
庚 猩猩腦  
辛 猿腦  
壬 猴腦  
癸 人腦

水龜腦  
親神至  
自然大  
親葉  
大腦  
同松果腺  
同中腦  
同延髓  
同脊髓

op. optic nerve.  
mc. middle commissure  
C.C. Corpus callosum.



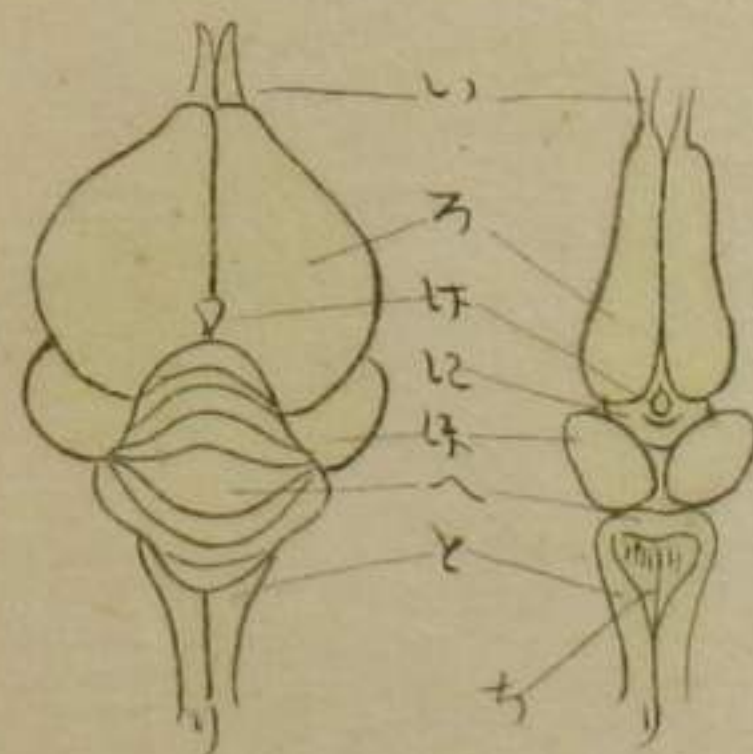
Mediovertical  
section of the brain,  
longitudinal.

M. medulla oblongata.  
Cb. cerebellum.  
Q. Corpora quadrigemina.  
P. pineal gland.  
C. cerebrum or  
hemisphere.  
ol. olfactory lobe.  
ca. anterior  
commissure.



a. olfactory bulbs. Brain of the Lemur.  
b. cerebral hemispheres.  
c. optic lobes  
d. cerebellum.

d. its lateral parts  
e. medulla - After  
Carns. from  
Gegenbaur.

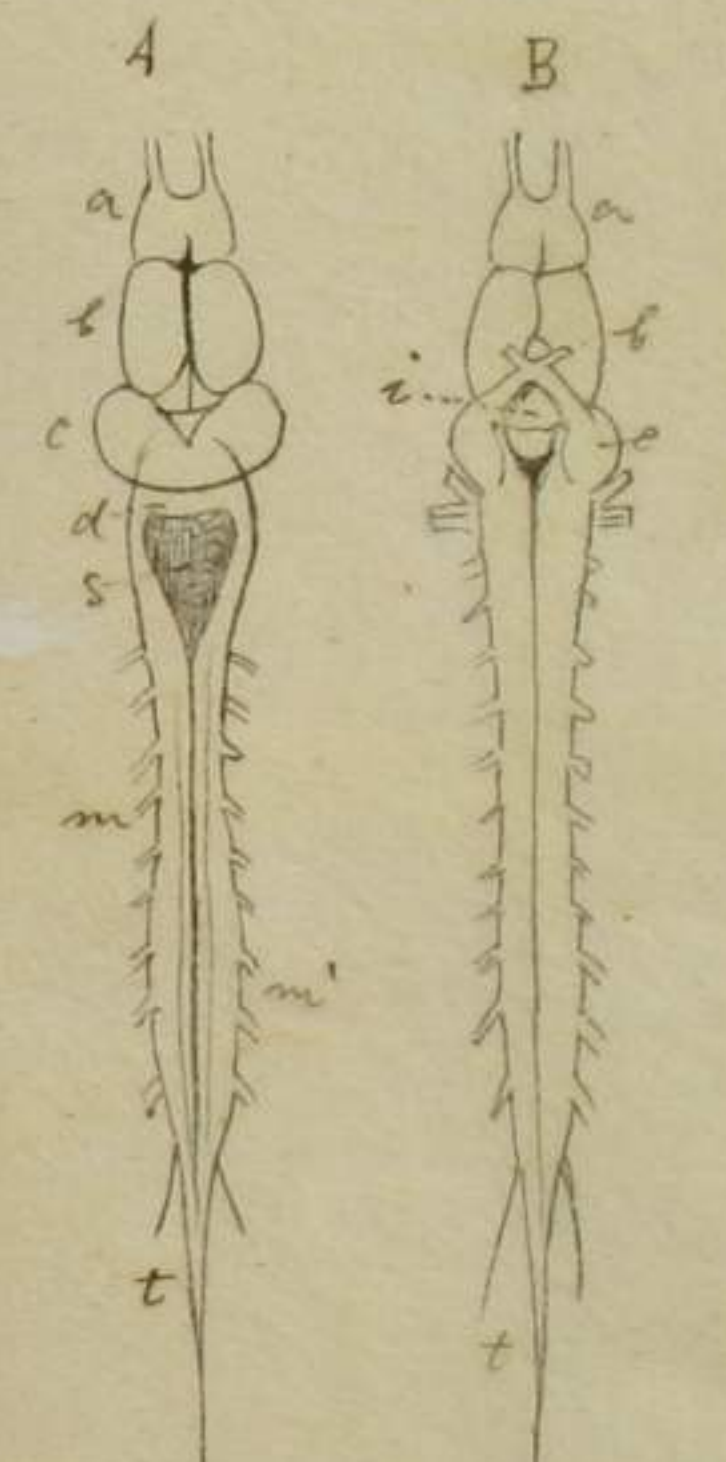
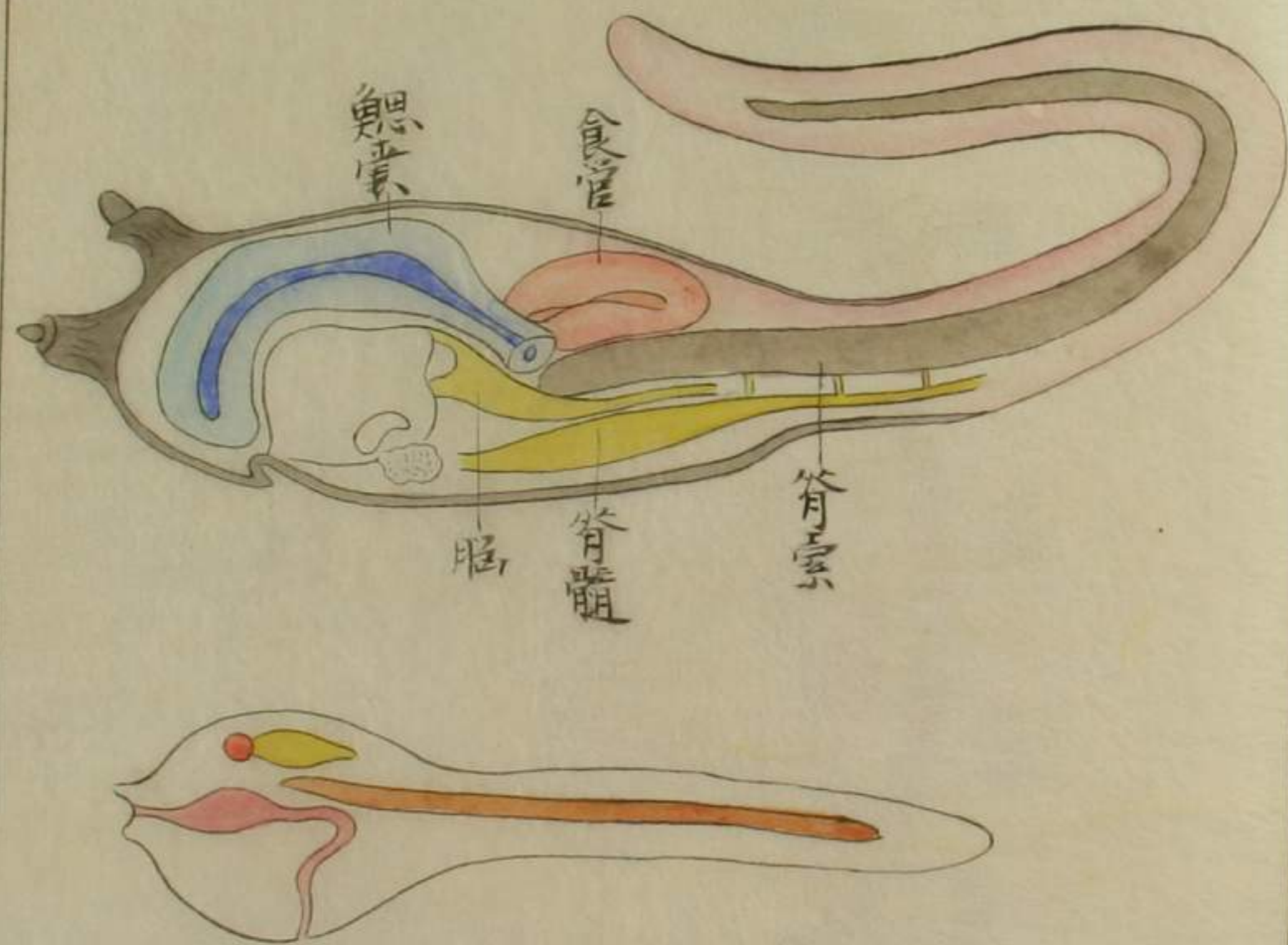


鳩腦  
乙

蛙腦  
甲

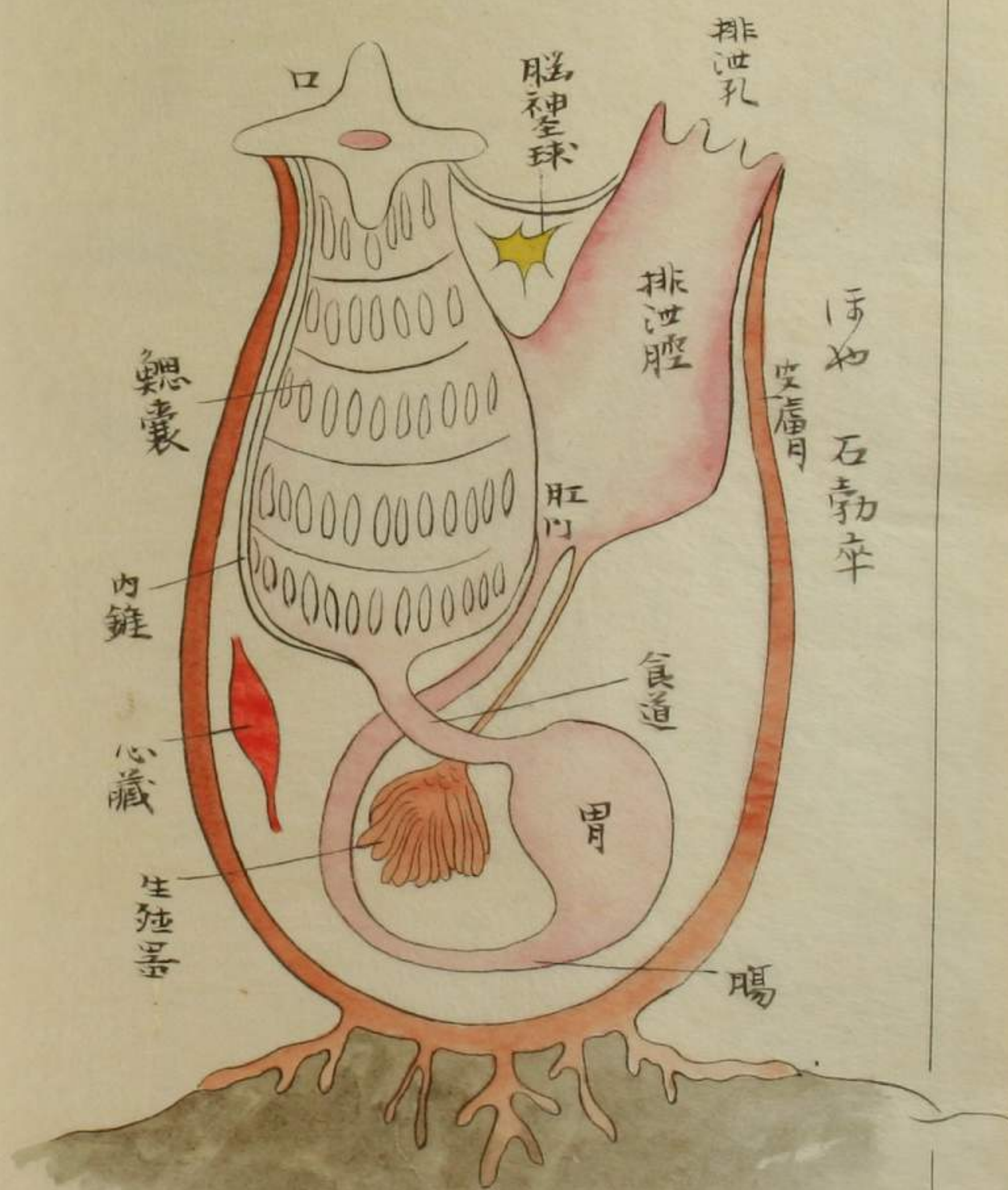
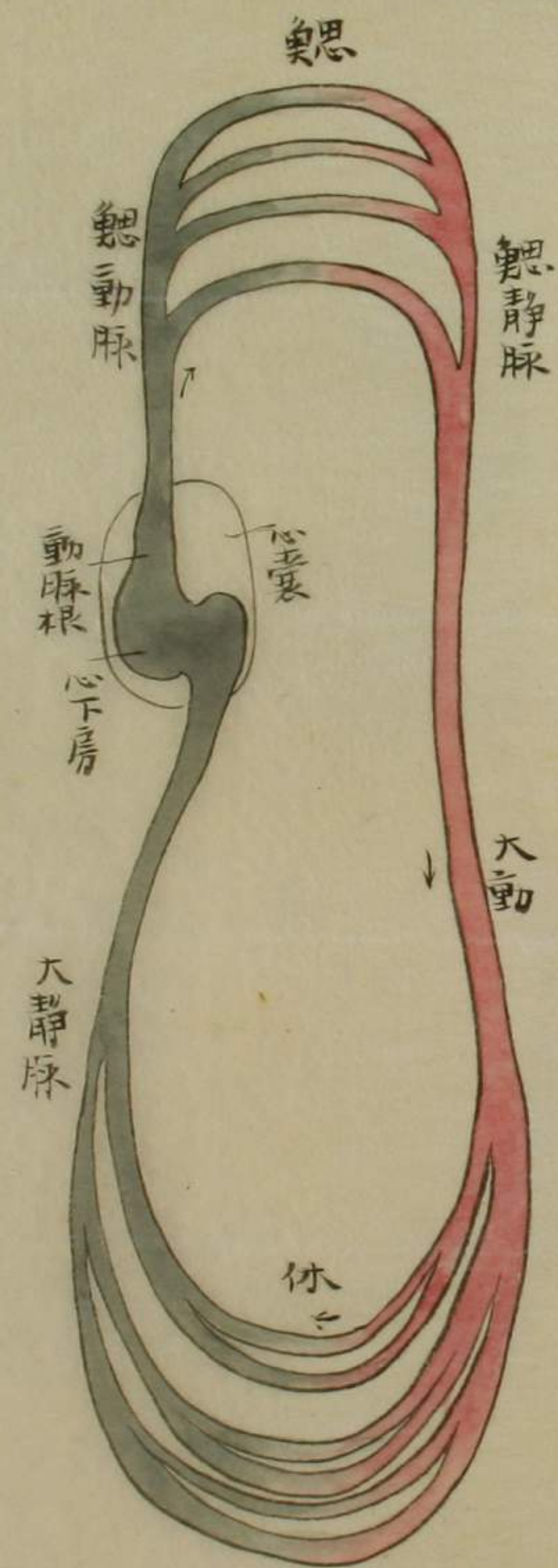
(1) 親神至  
(2) 大腦  
(3) 松果腺  
(4) 延髓  
(5) 中腦  
(6) 小腦  
(7) 脊髓

石勒奇幼虫

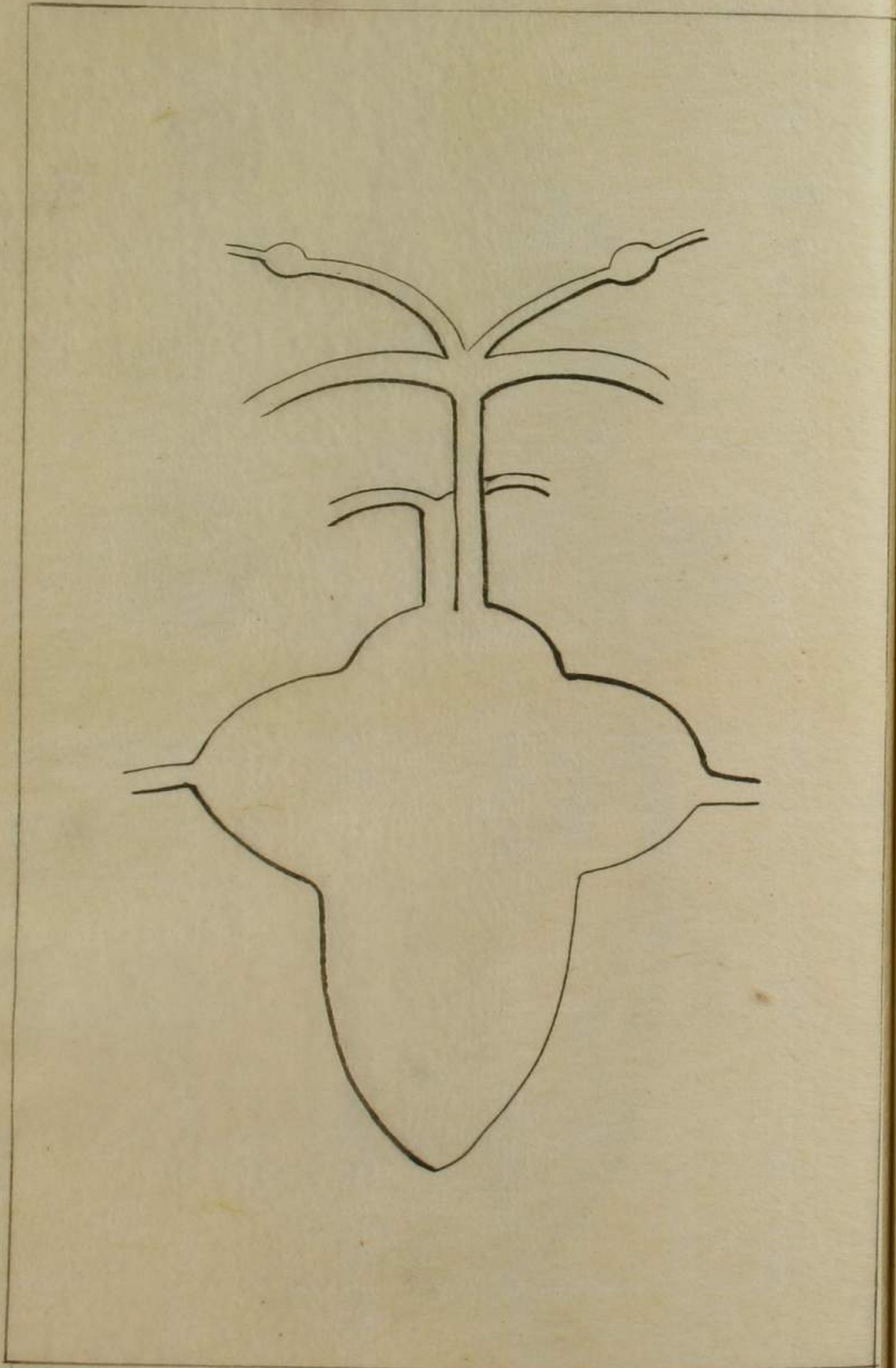


Brain and spinal cord of the frog  
 A from above  
 B from below  
 b. cerebral hemispheres  
 a. olfactory lobes  
 c. optic lobes  
 d. cerebellum in the form of a lamella bridging over the fourth ventricle  
 m. spinal cord  
 t. terminal cord  
 After Gegenbaur

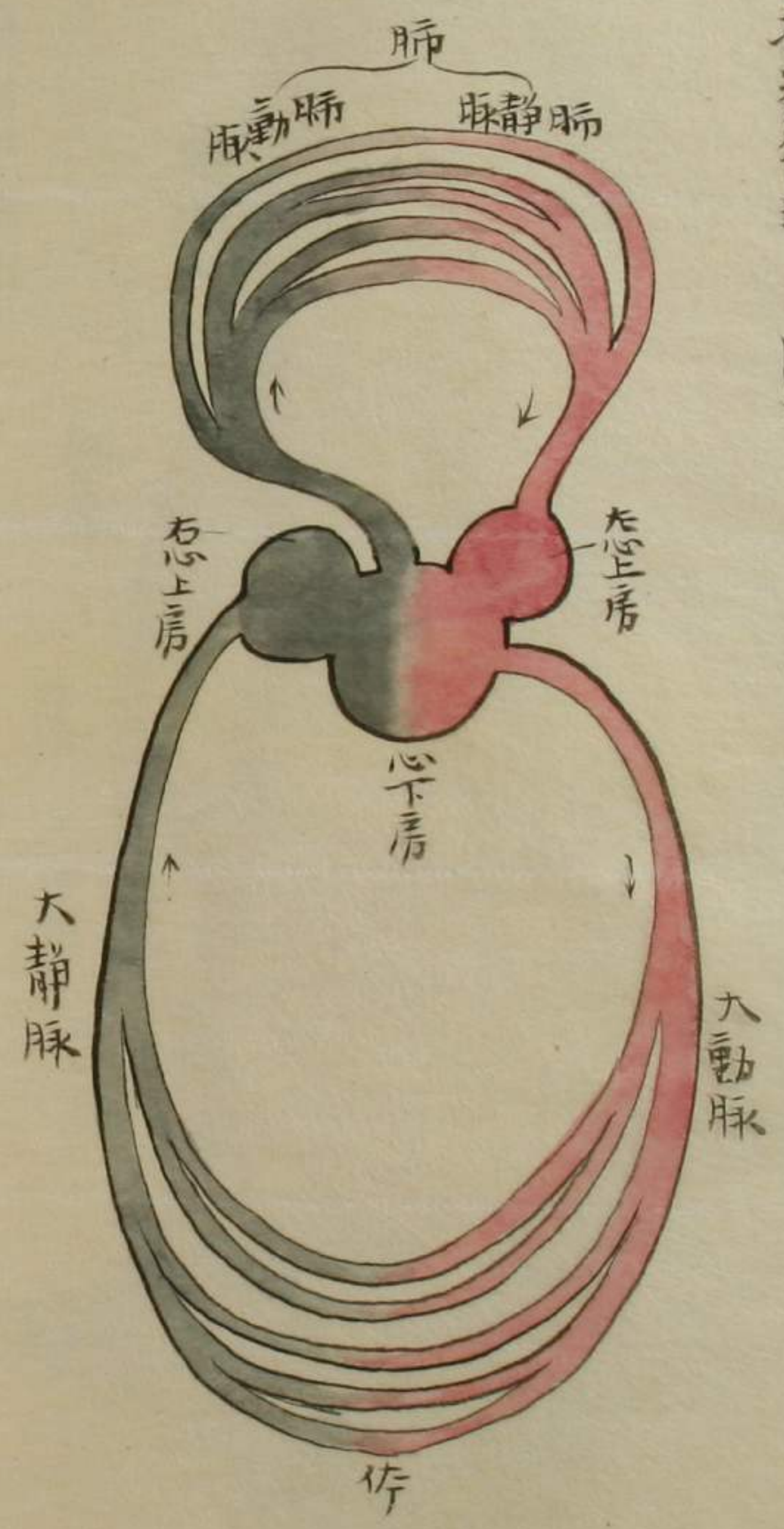
魚類循環系圖式

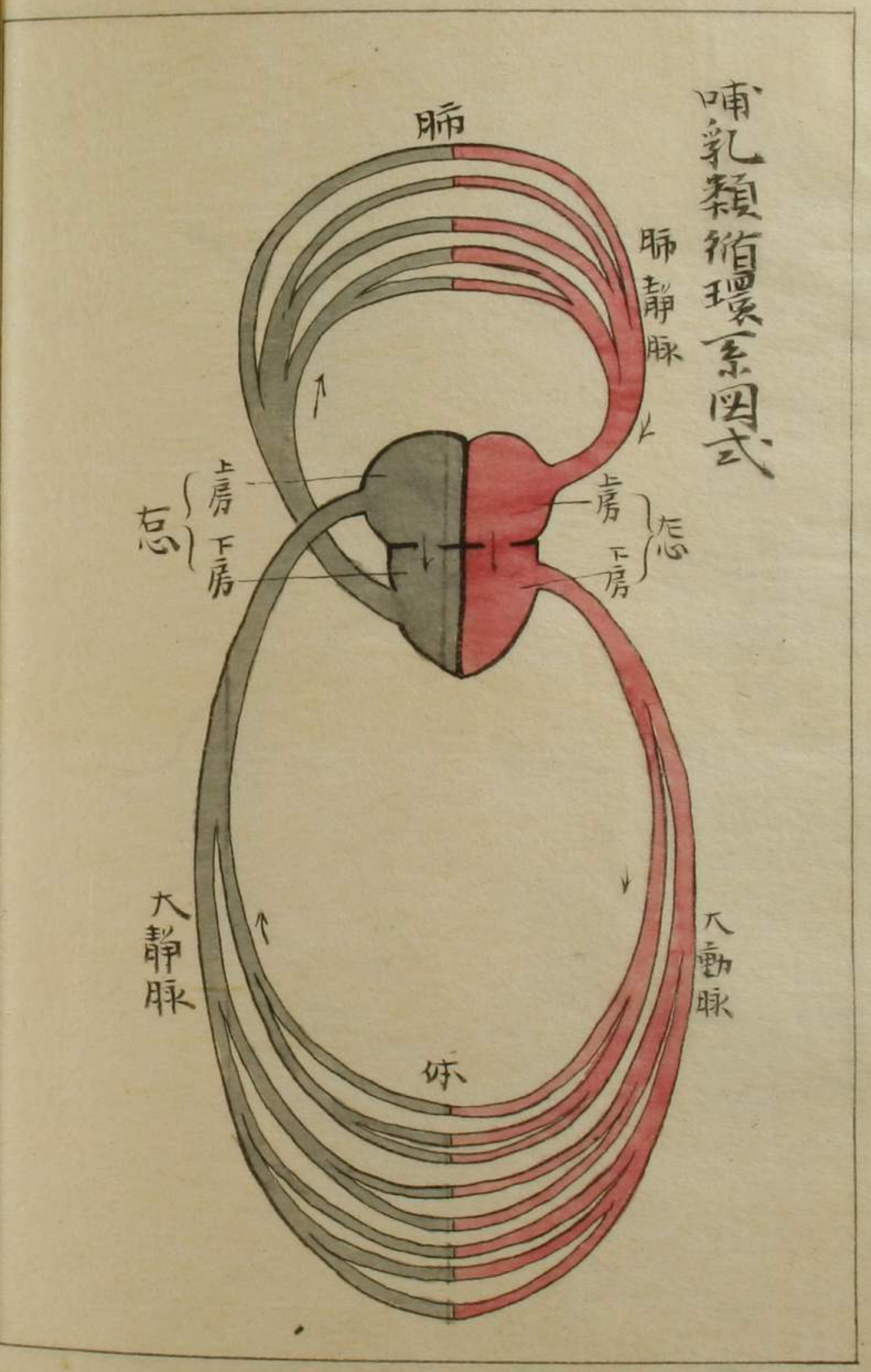
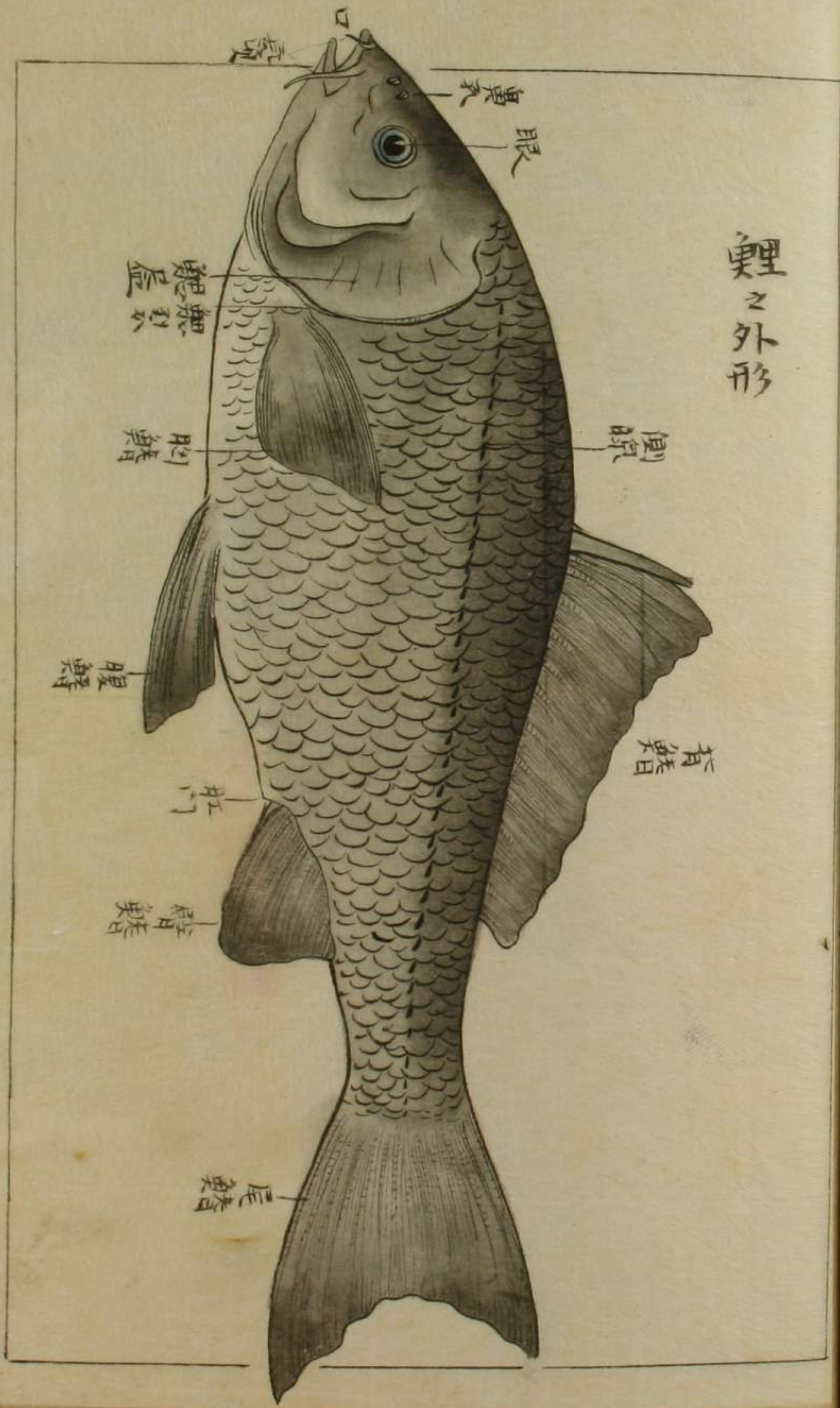




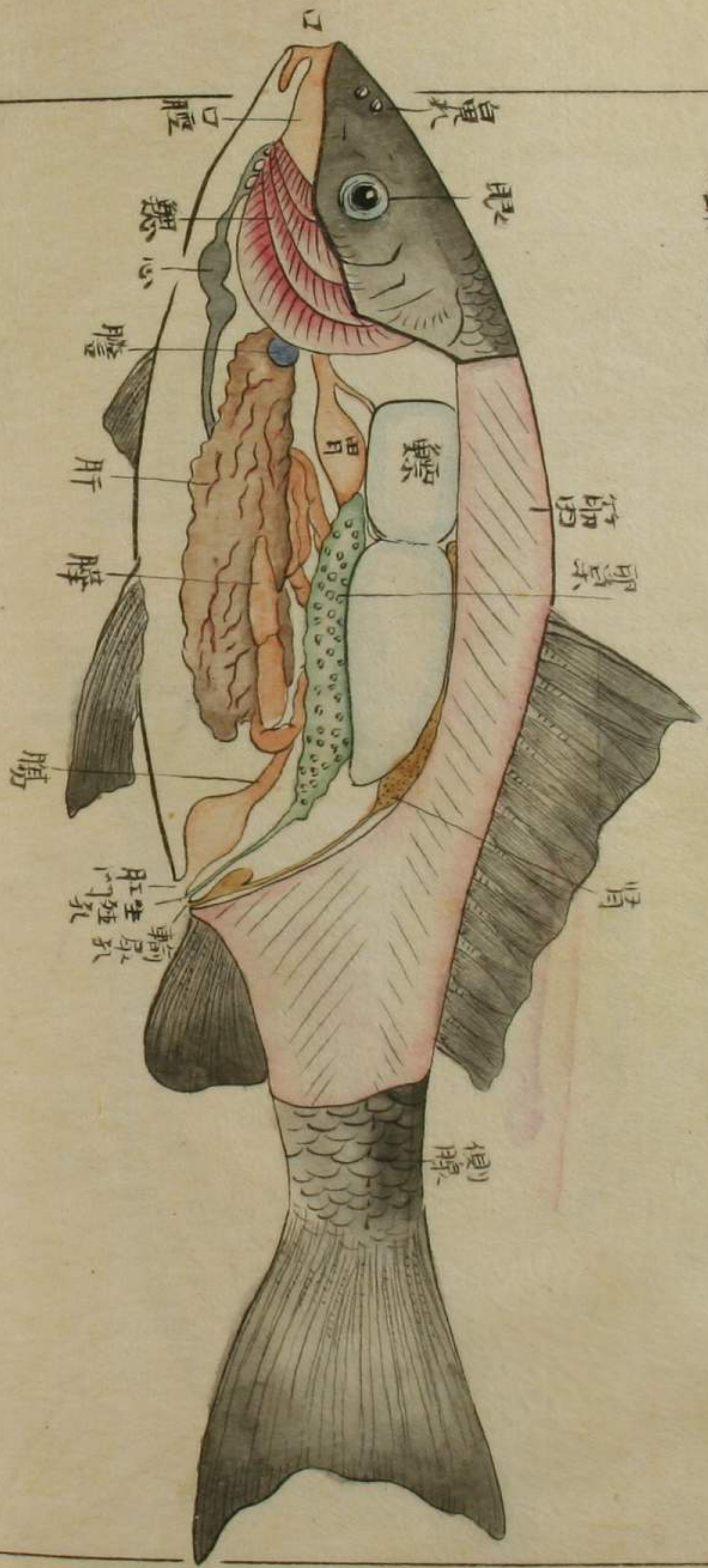


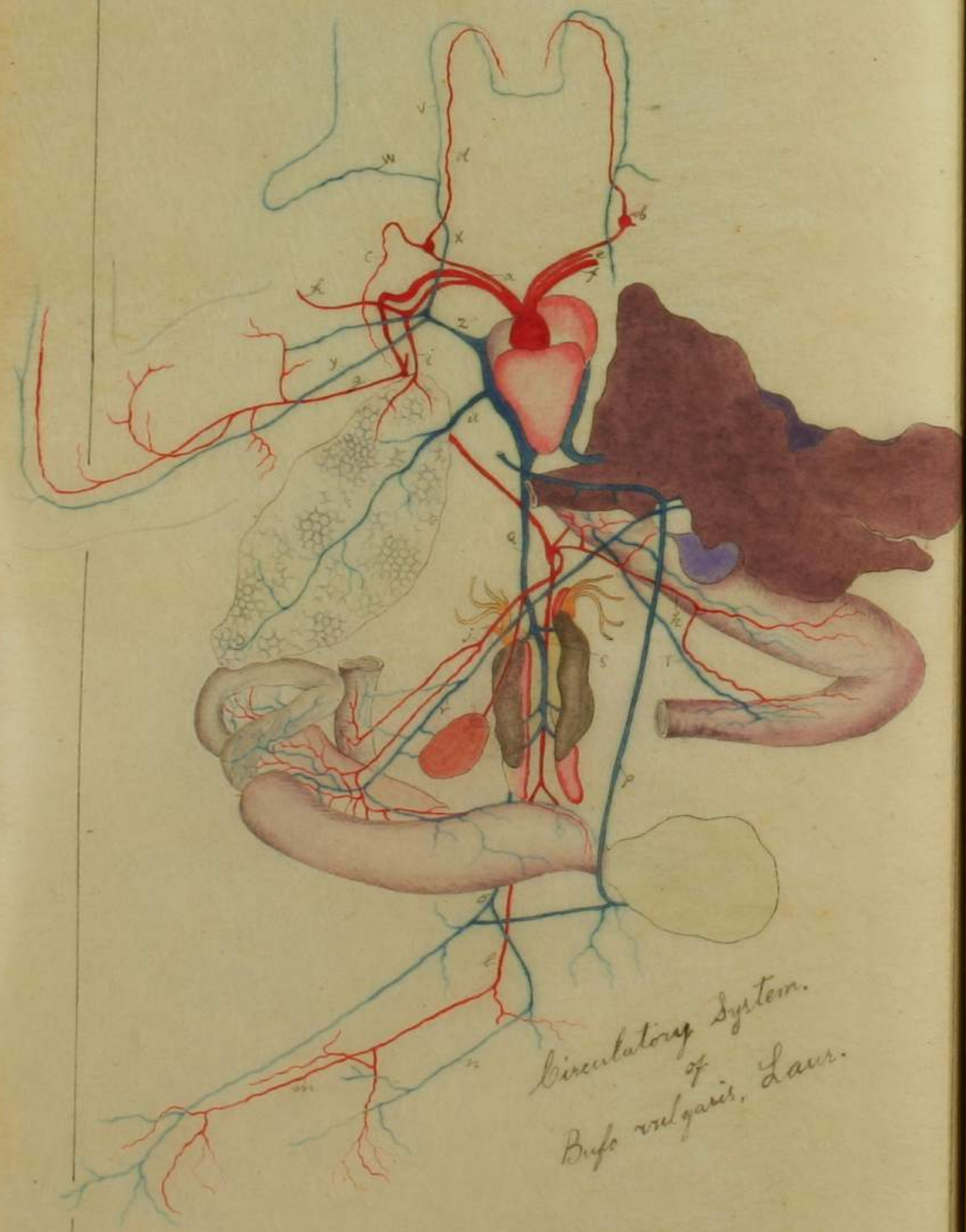
兩棲類循環系圖式



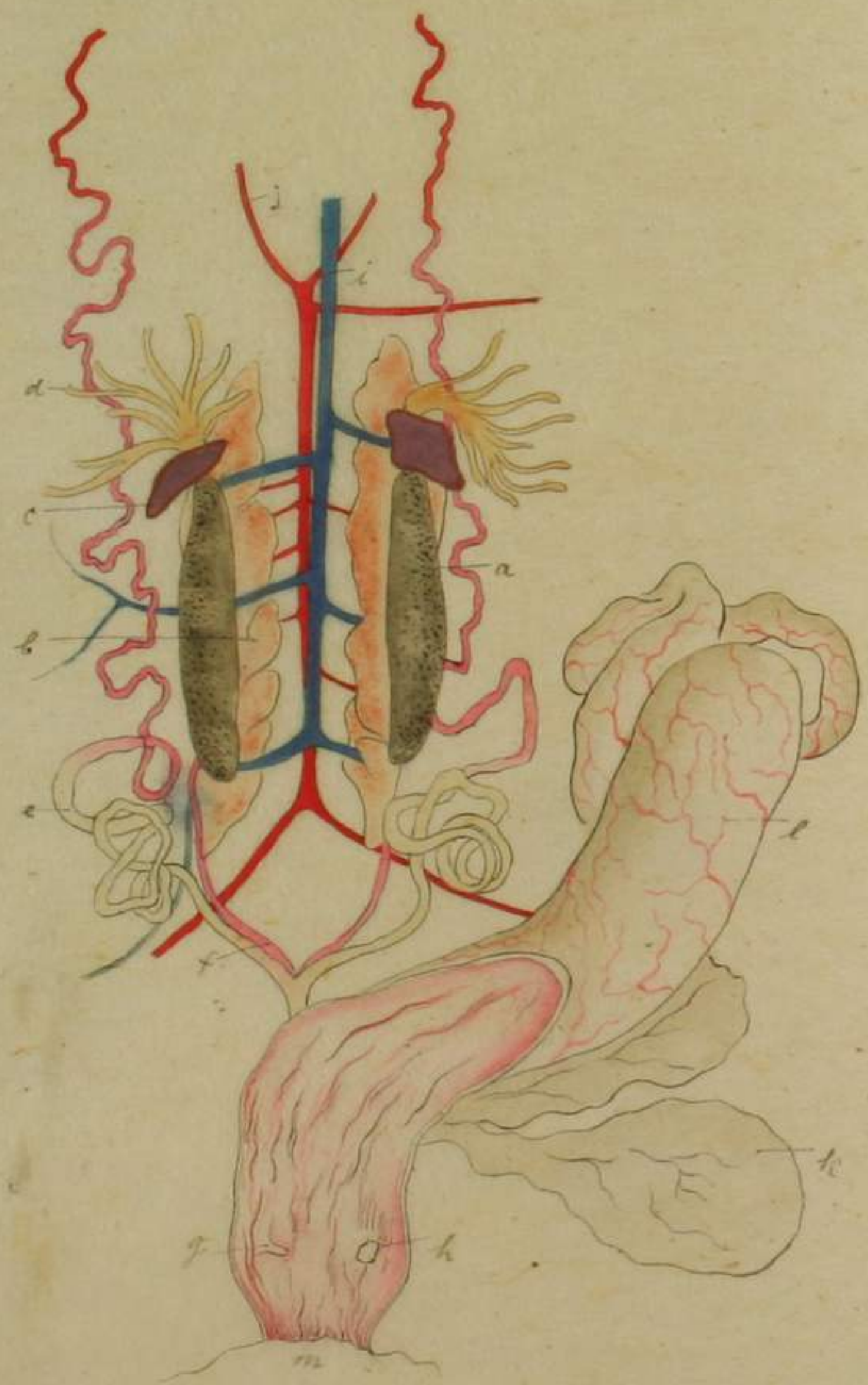


鯉之内藏

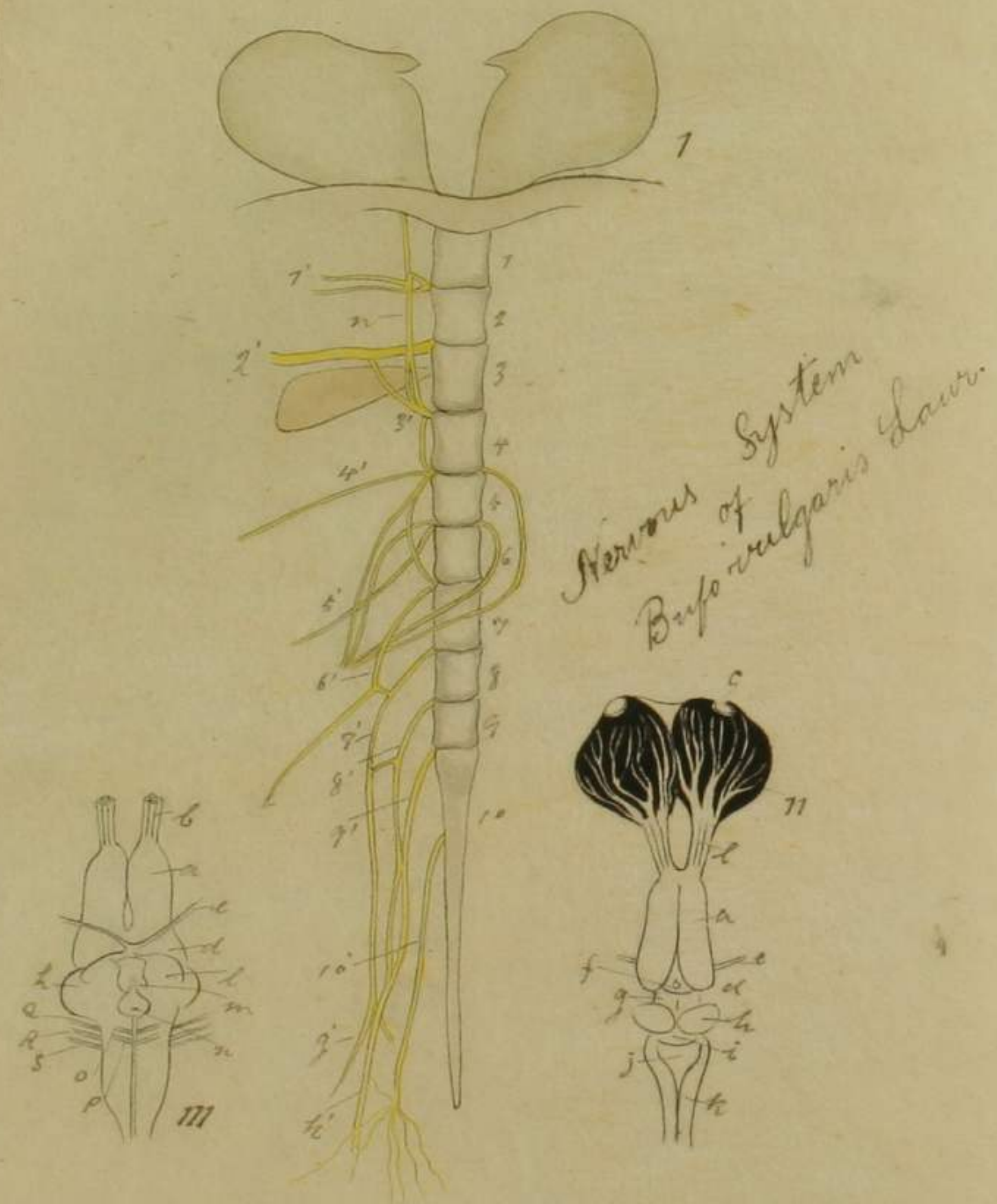




Circulatory System.  
of  
Bubo vulgaris, Linn.



- a 颈动脉
- b 颈动脉腺
- c 普通颈动脉
- d 舌动脉
- e 下行大动脉
- f 肺皮动脉
- g 锁骨下动脉
- h 皮肤动脉
- i 肺动脉
- j 肠回动脉
- k 内脏动脉
- l 下腹动脉
- m 肢动脉
- n 坐骨静脉
- o 肾门静脉
- p 腹前静脉
- q 下大静脉
- r 肠静脉
- s 肾静脉
- t 胃静脉
- u 肺静脉
- v 舌静脉
- w 颈骨静脉
- x 外颈静脉
- y 锁骨下静脉
- z 上大静脉





*Tachydromus japonicus, Schleg.*

- 1 Heart <sup>Right</sup> & <sup>Left</sup> Auricles & Ventricles  
 2 Lungs  
 3 Liver  
 4 Trachea  
 5 Stomach  
 6 Intestines  
 7 Pancreas  
 8 Coarctes  
 9 Kidneys  
 10 Urinary bladder

I

1. 2. 3. 4. 5. 6. 7. 8. 9. 10 脊椎骨  
 1-10' 脊椎神經 Spinal nerves.  
 n 交感神經  
 k' 坐骨神經 Sciatic nerve.  
 q' 股神經 Crural nerve.

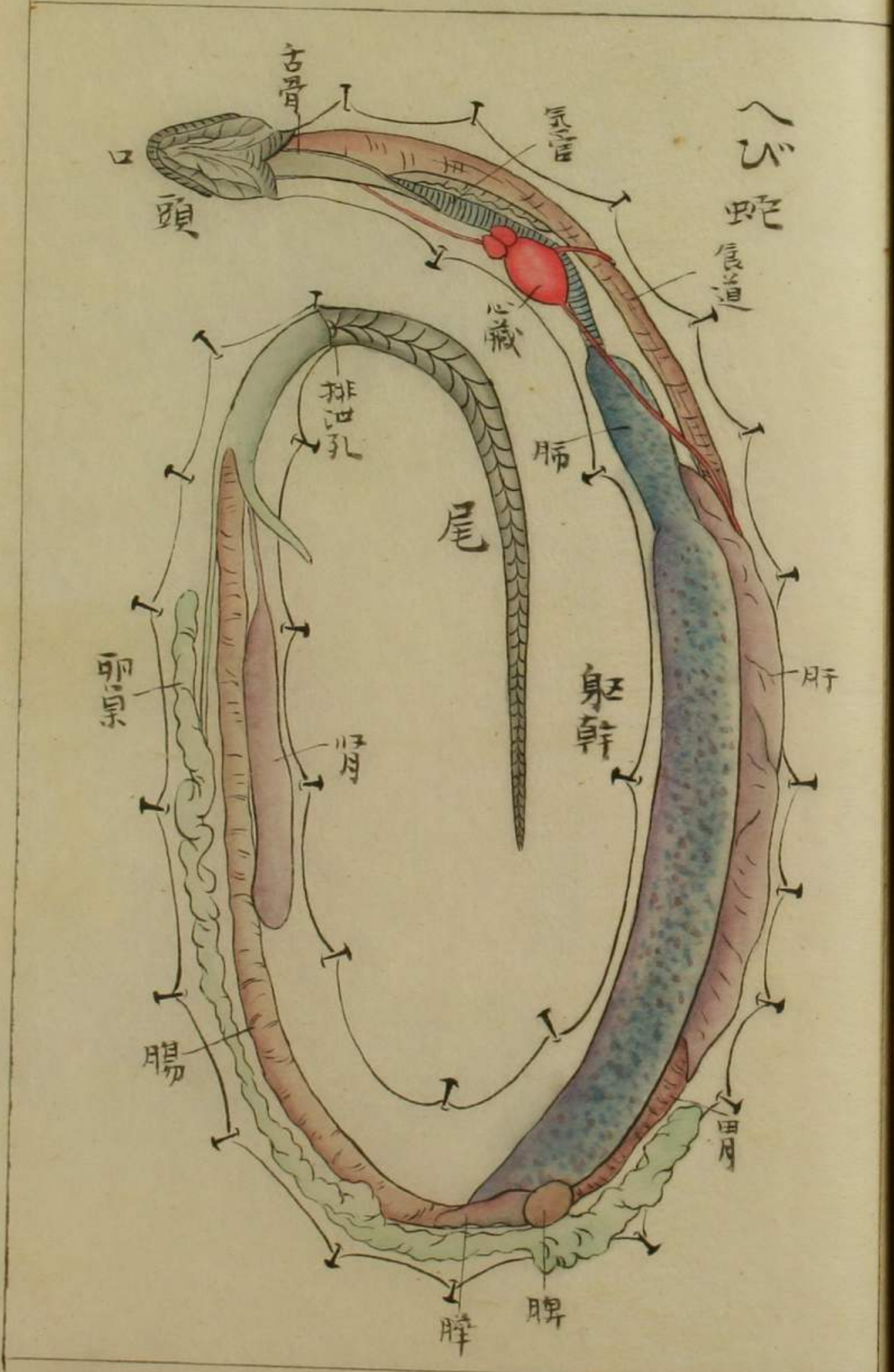
II

腦腹面

III

全背面

- a 嗅神經葉 Olfactory lobe  
 b 嗅神經 Olfactory nerve  
 c 鼻孔  
 d 大腦半球 Cerebral hemispheres  
 e 視神經 Optic nerve  
 f 松子腺 Pineal gland  
 g 視神經脈 Thalami optici  
 h 視神經葉 Optic lobe  
 i 小腦 Cerebellum  
 j 第四室 Fourth ventricle  
 k 延髓 Medulla oblongata  
 l 視神經道 Optic tract  
 m 灰白結節 Tuberculum cinereum  
 n 黏液體 Pituitary body  
 o 動脈神經 Oculomotorius  
 p 索引神經 Abducens  
 q 滑車神經 Trochlear  
 r 三叉神經 Trigeminal  
 s 舌咽神經 Glossopharyngeal



へ  
心  
蛇

復  
道

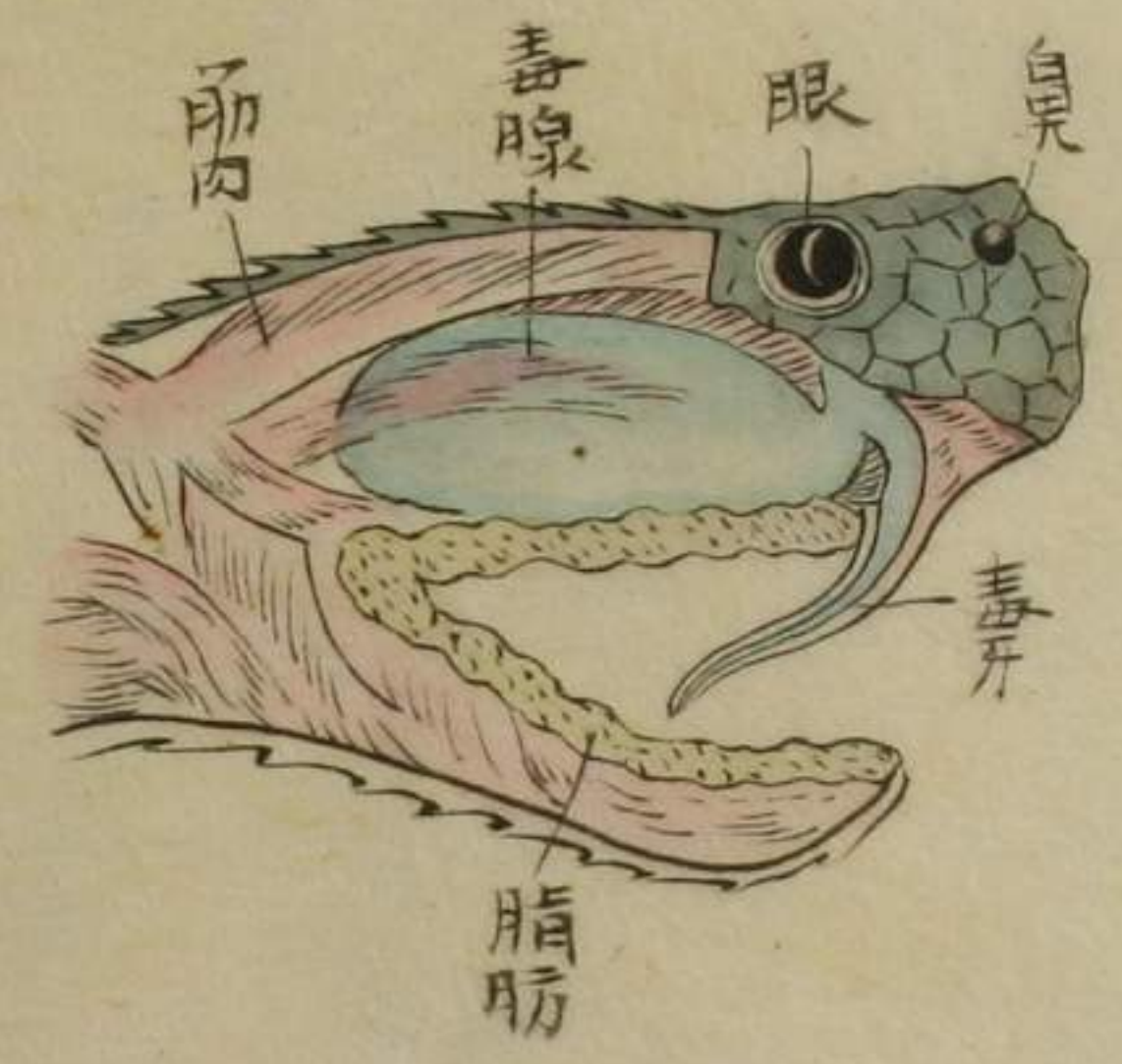
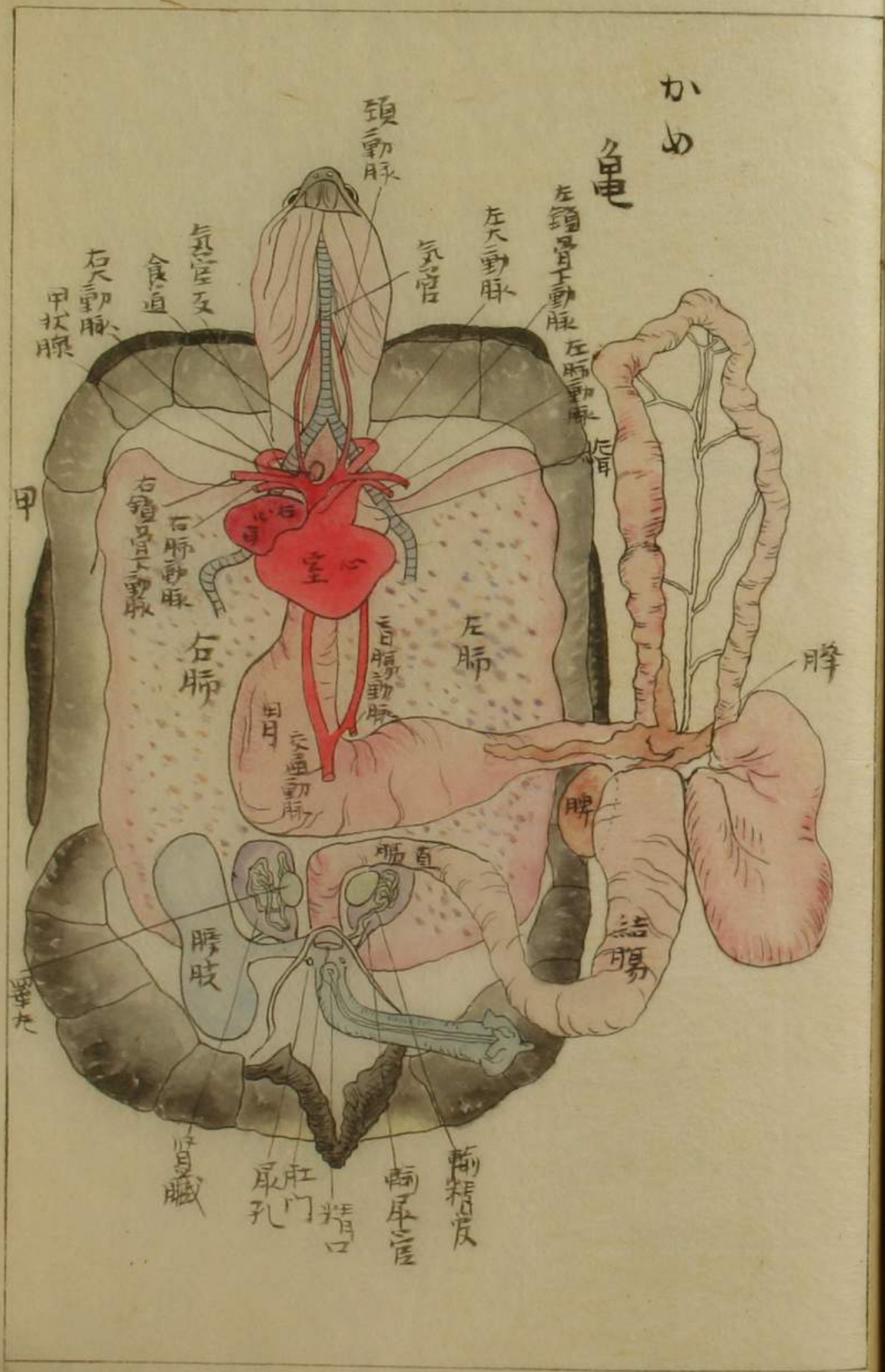
肝

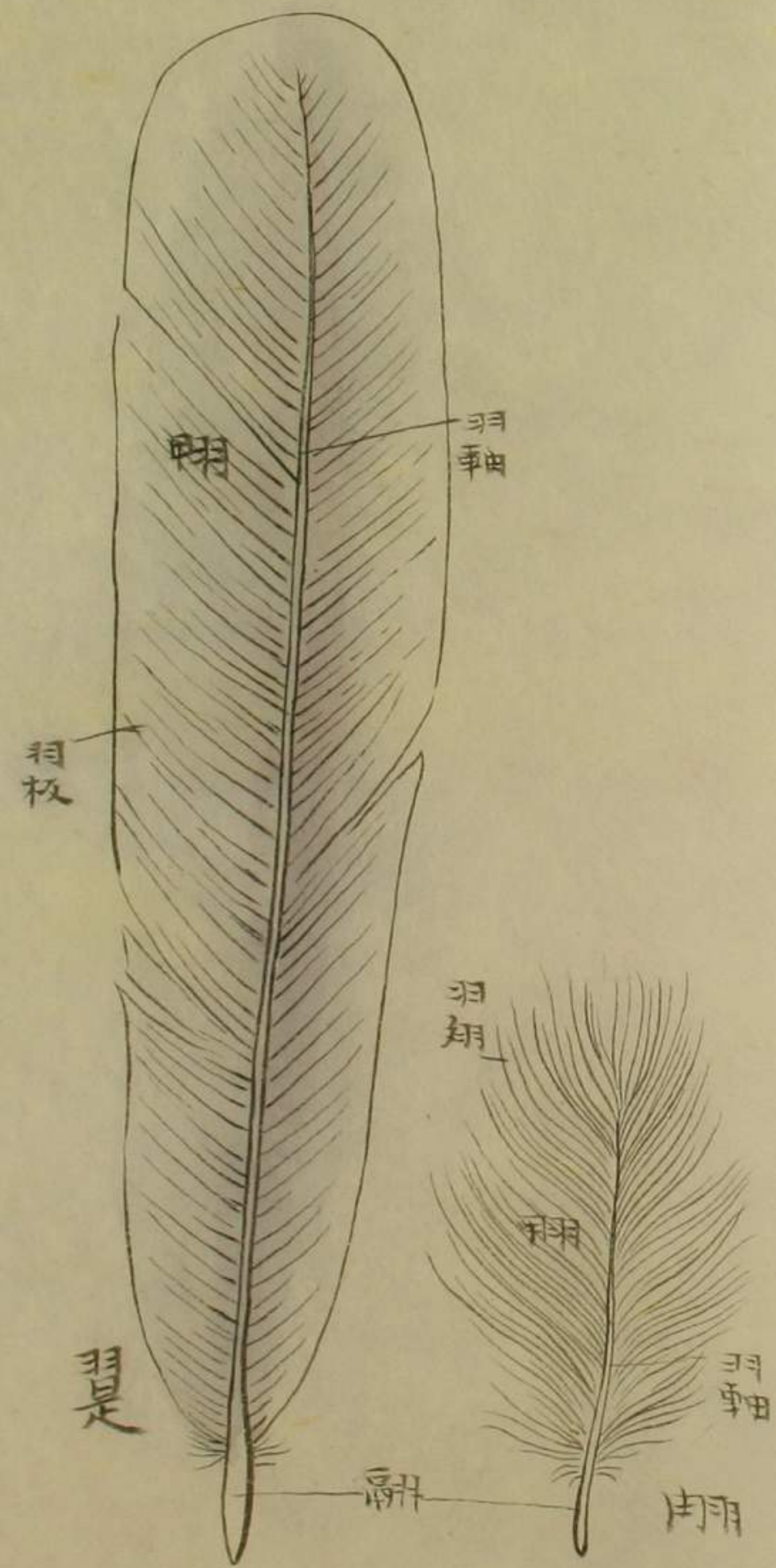
胃

脾

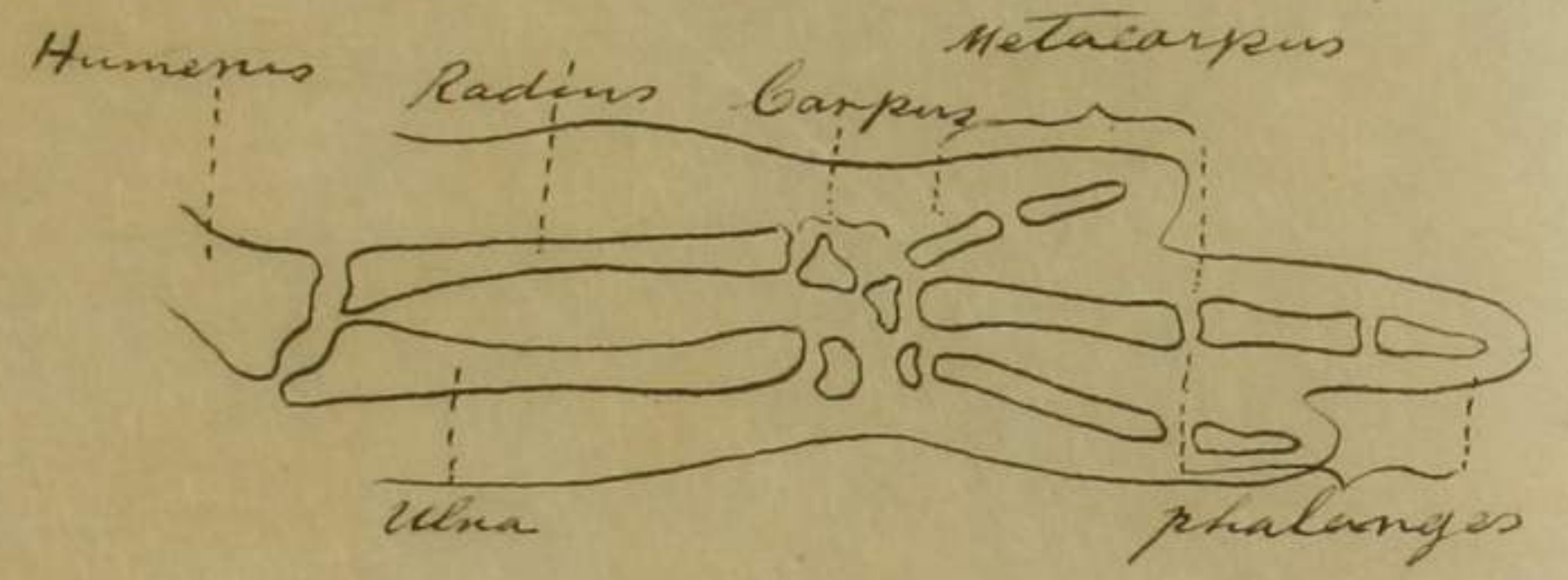
胃



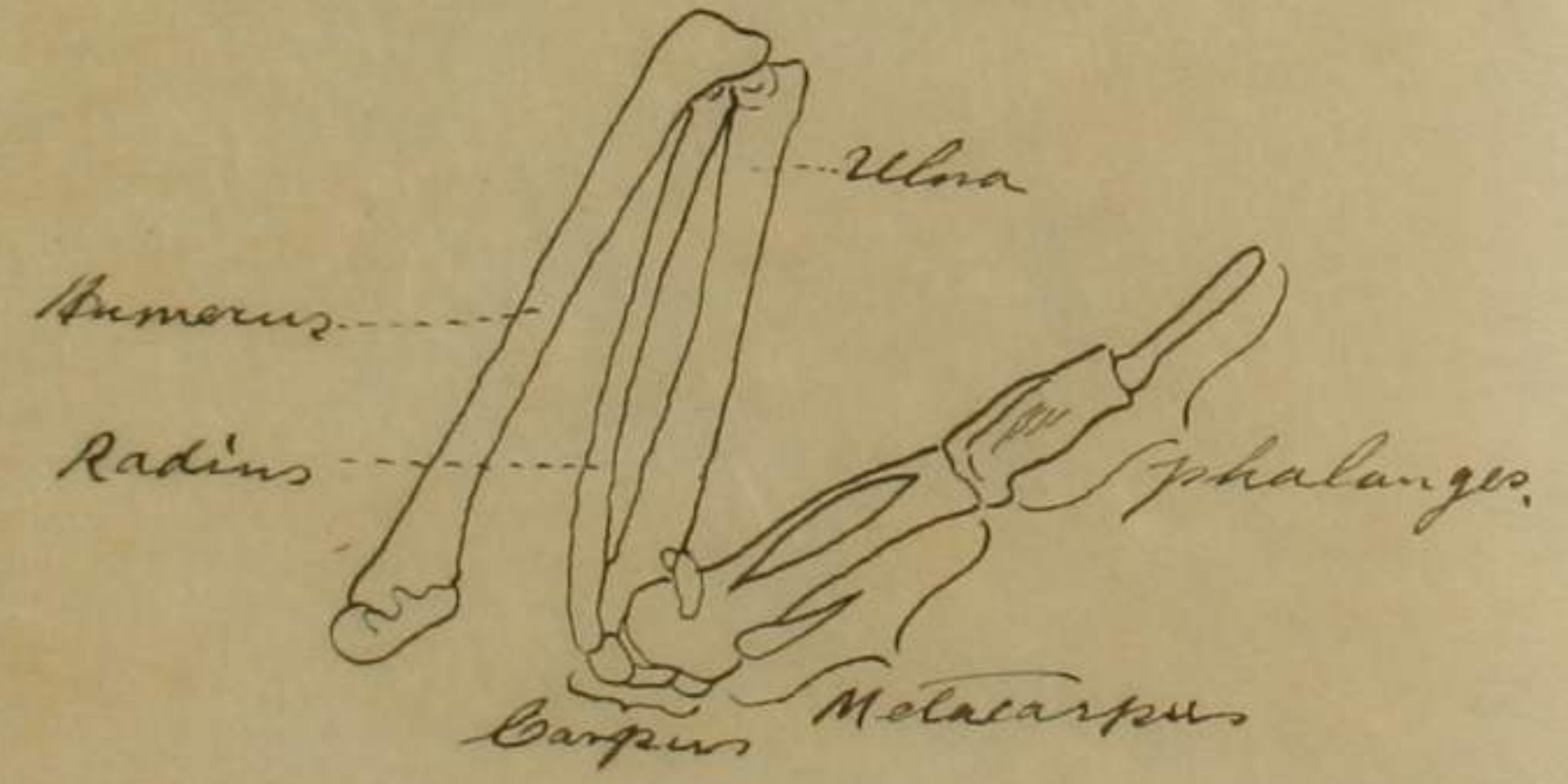




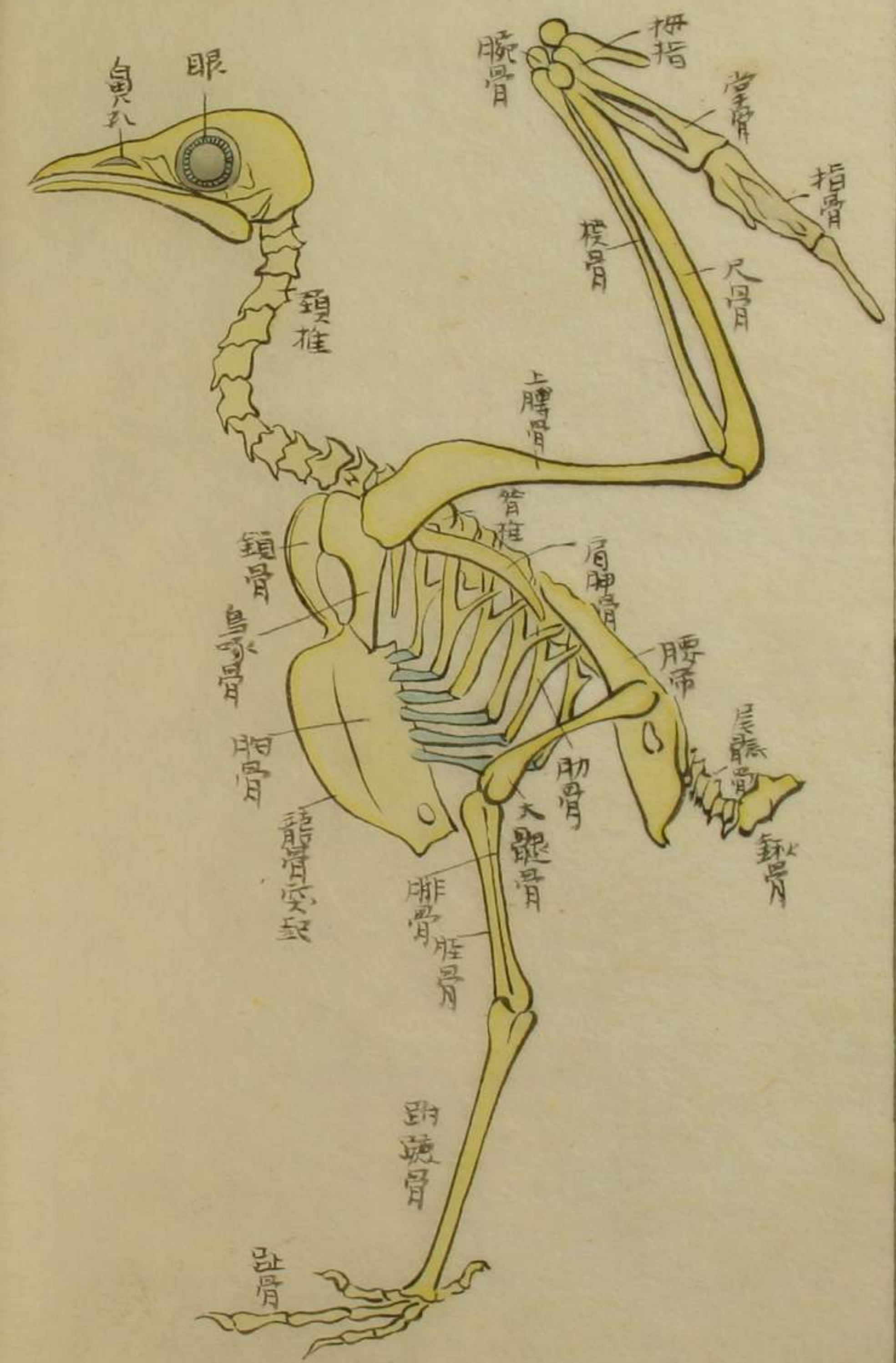
Wing-bone of Bird.



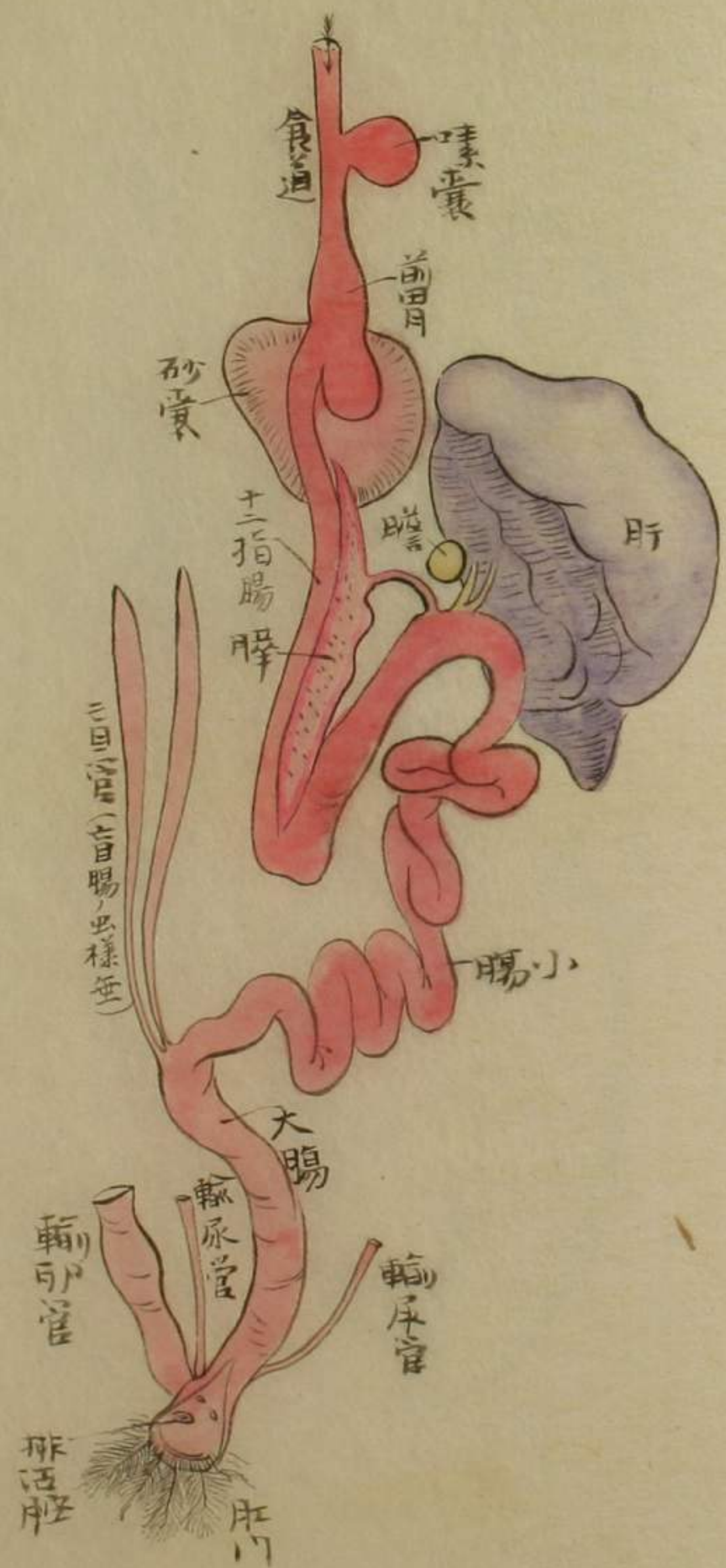
Full grown.



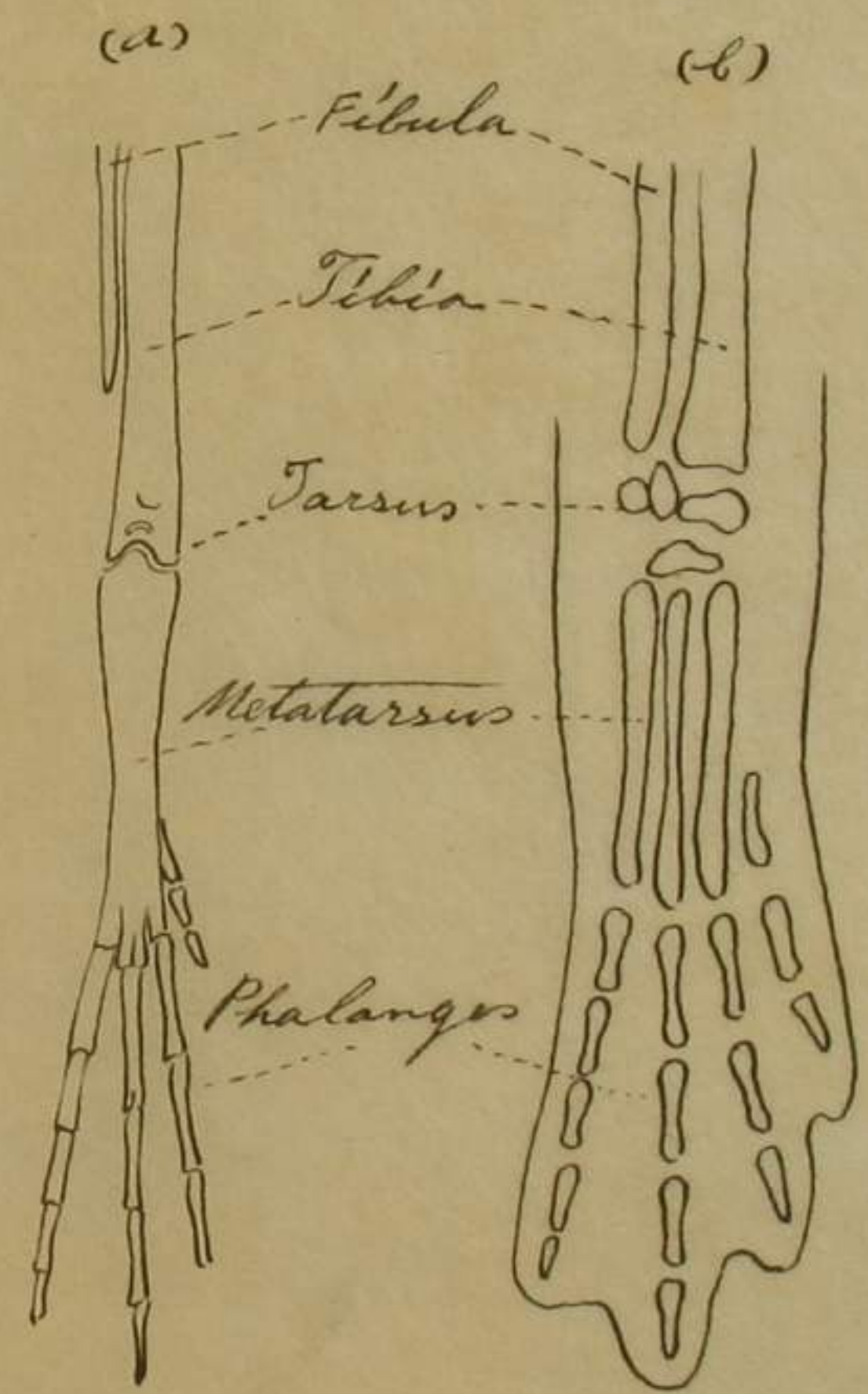
C. Ichikawa's *Doubutsu shinkosaron*, p. 84.



鳥類消食器

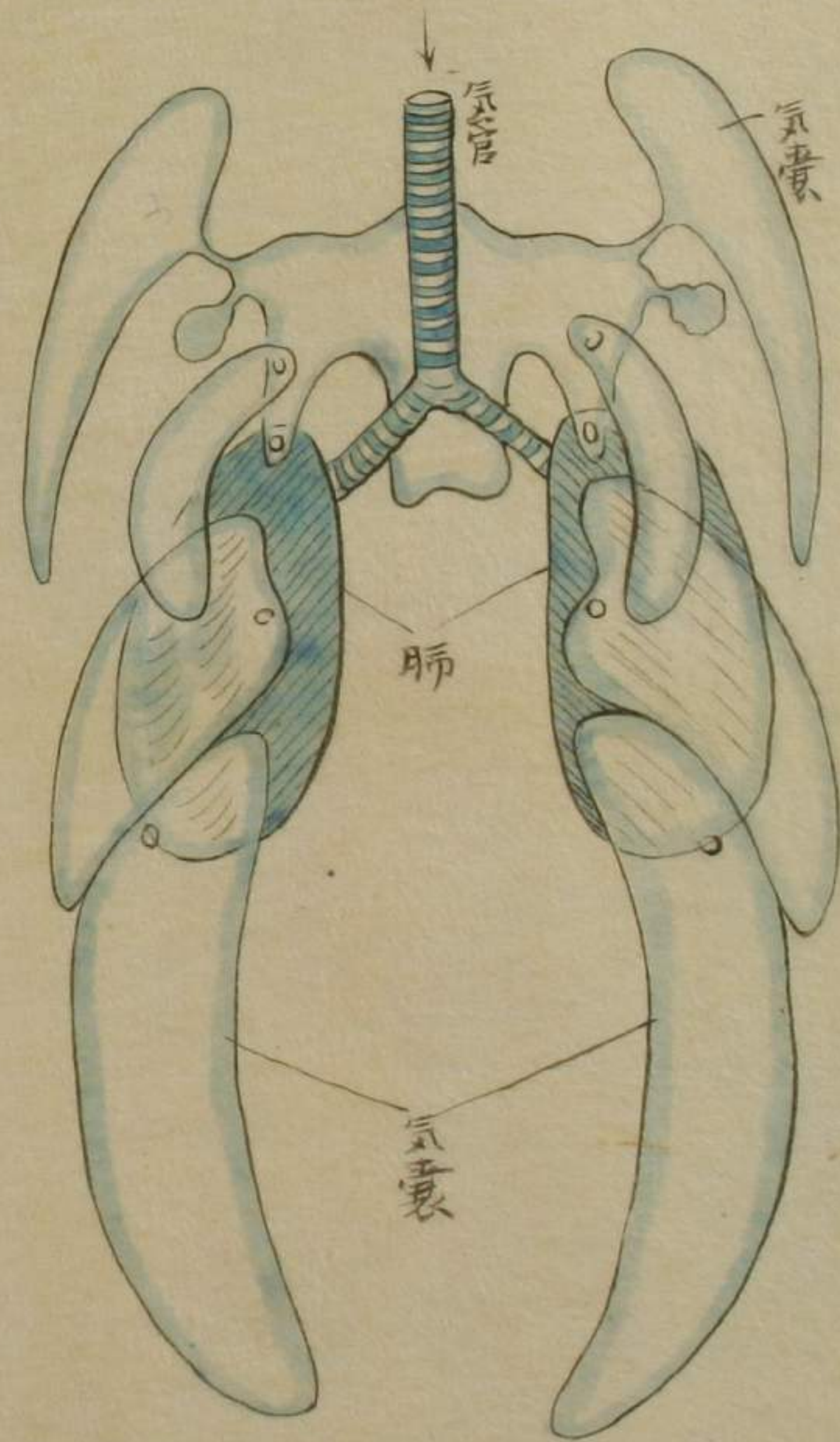
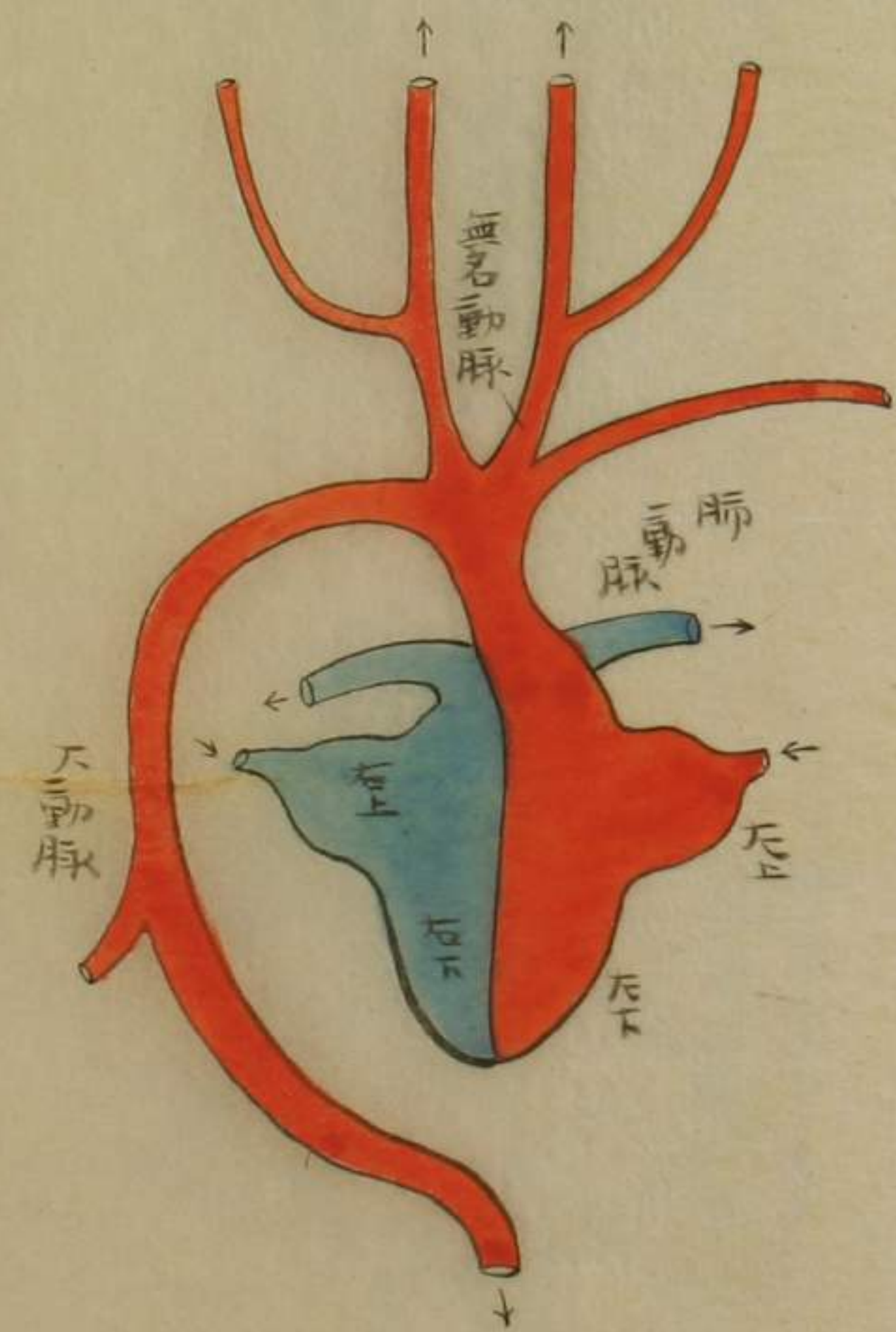


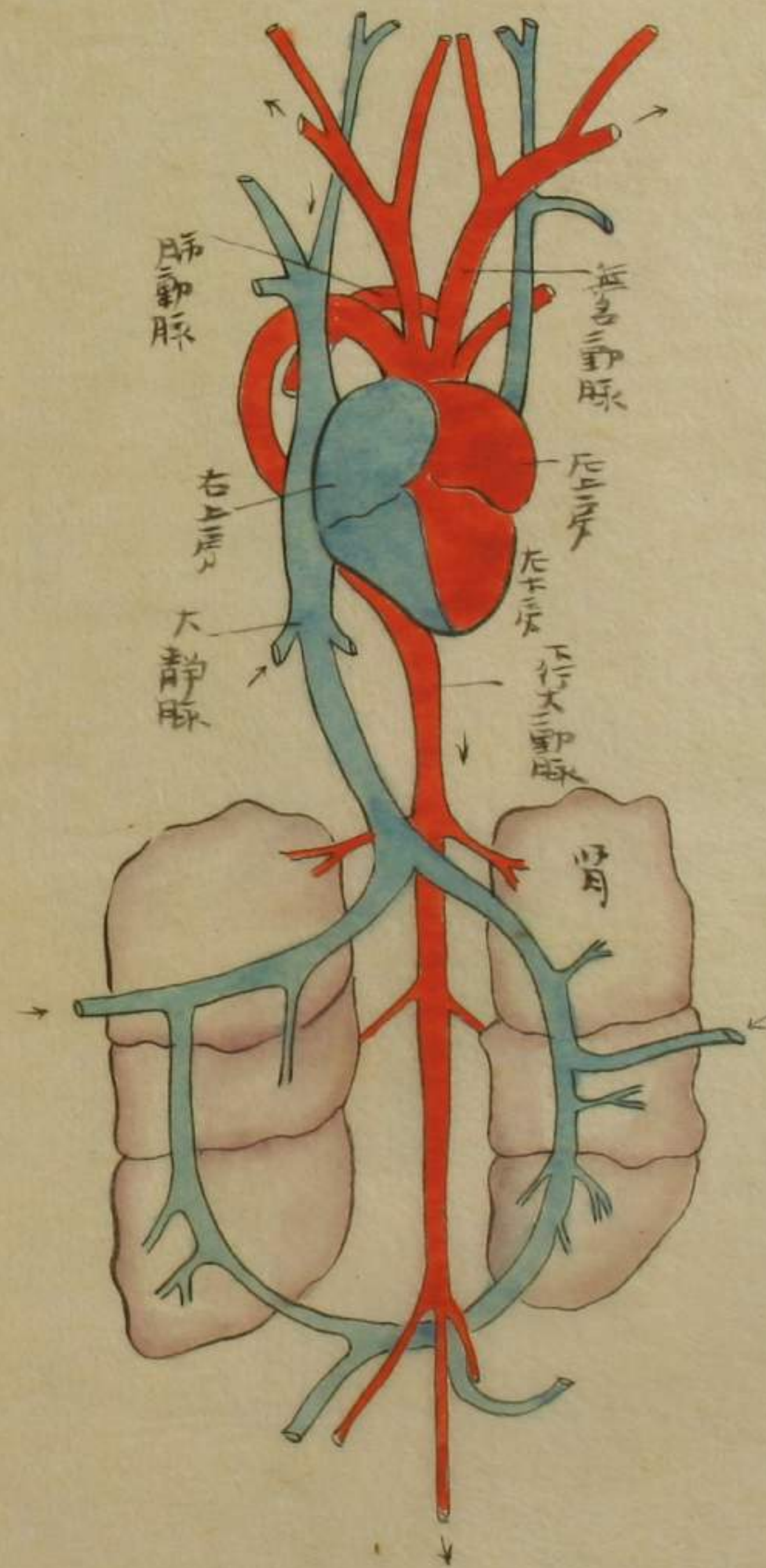
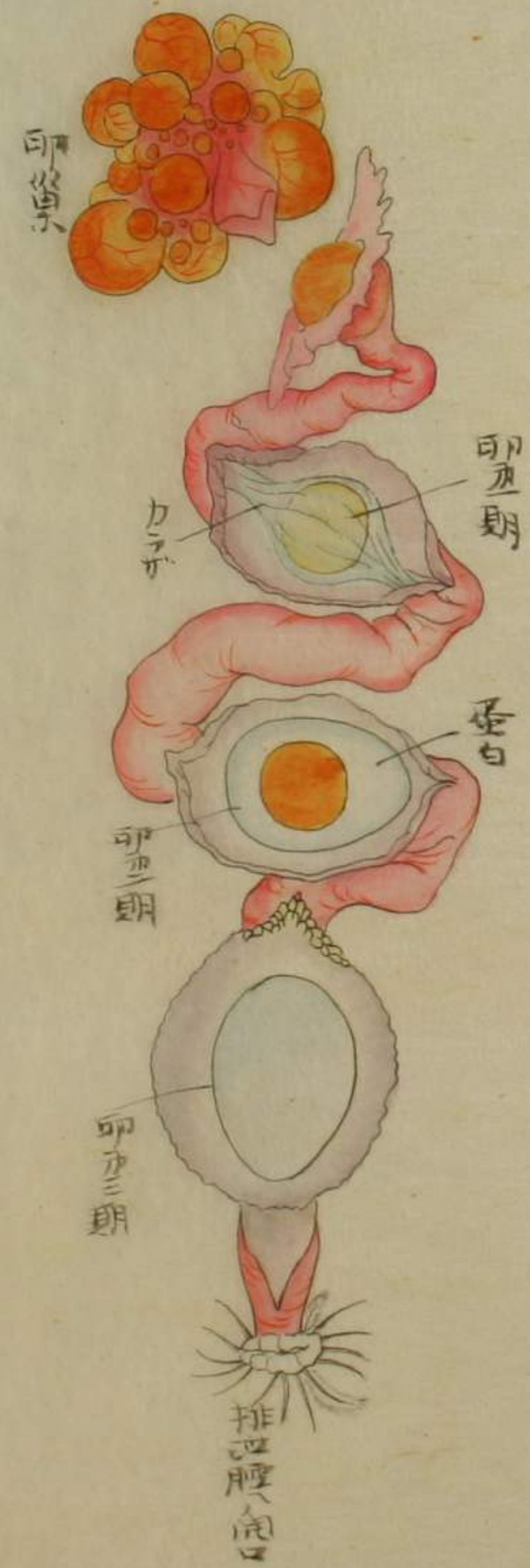
Legs of Birds.



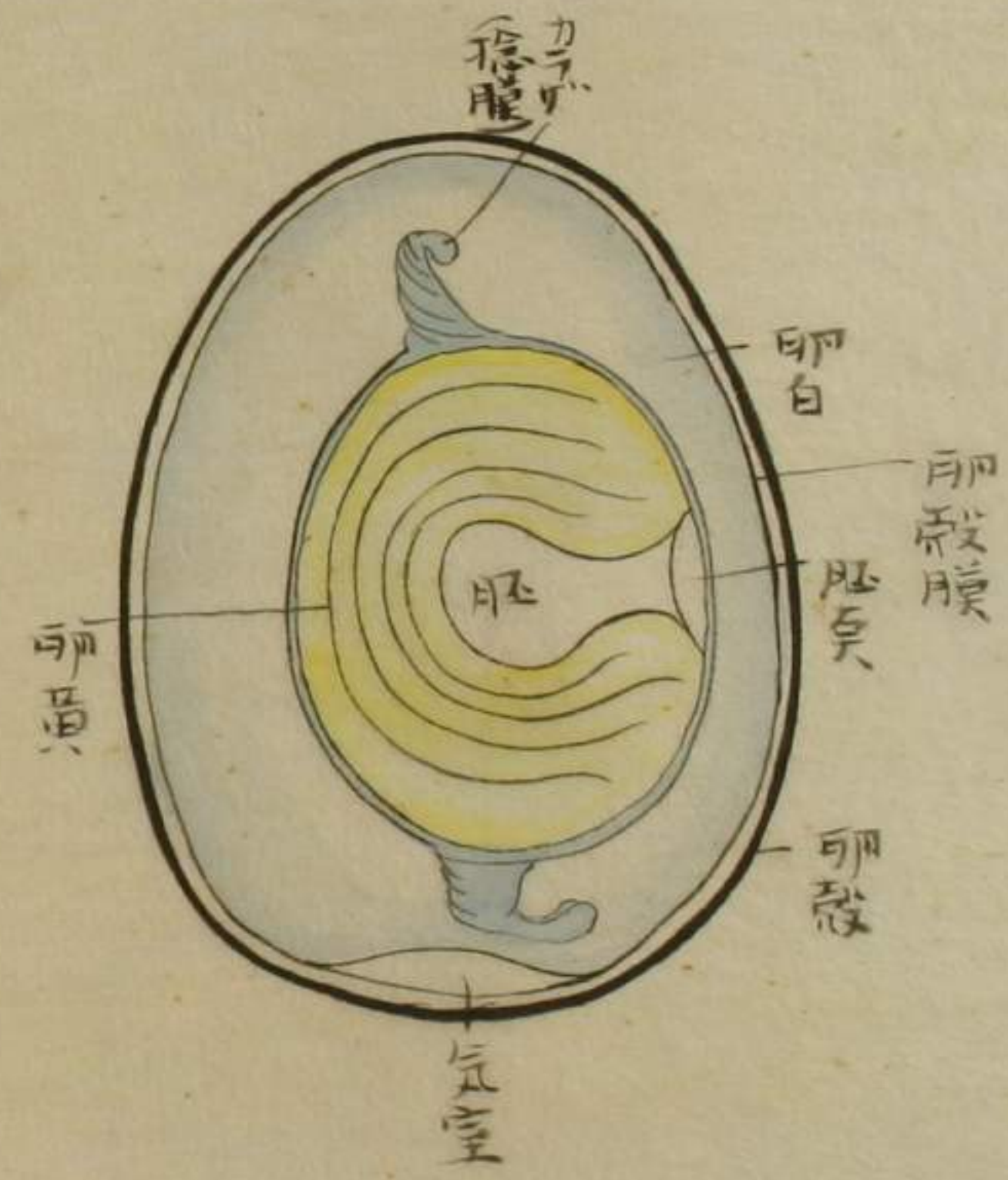
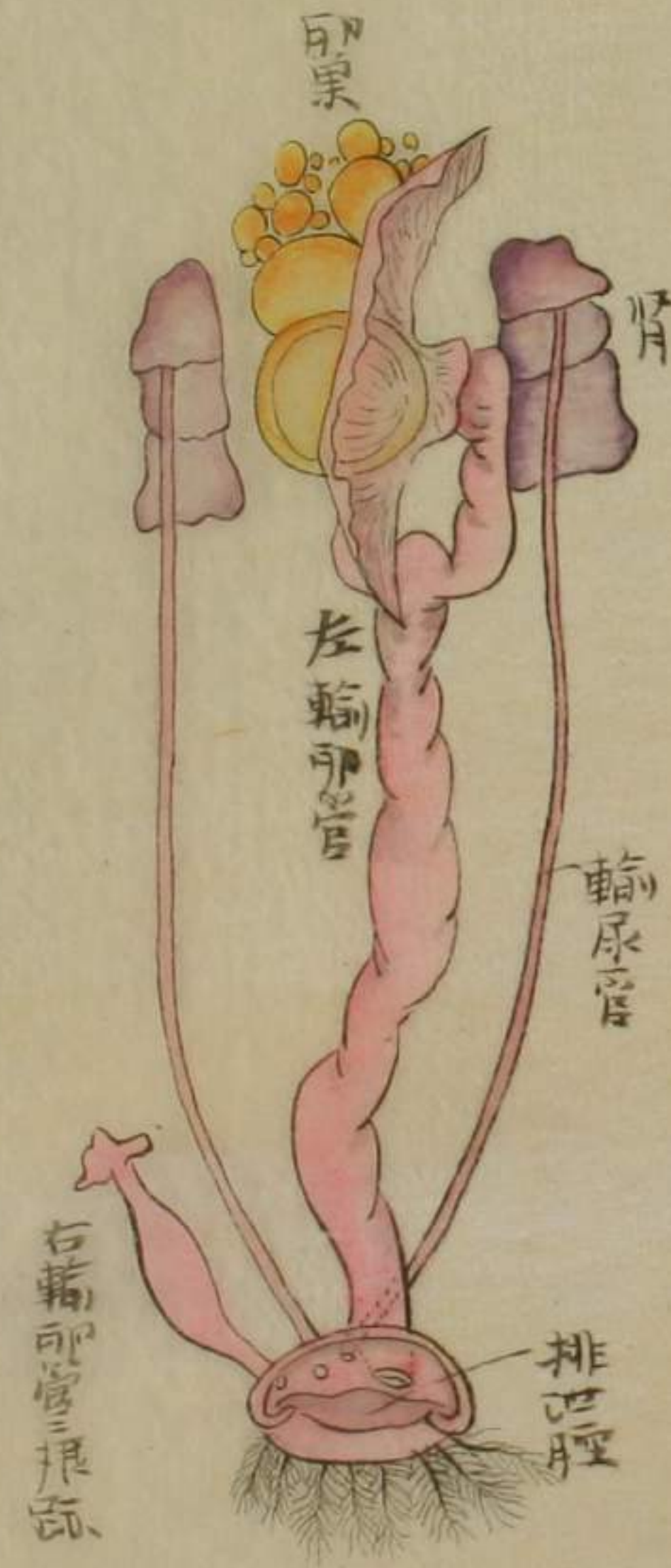
(a) Bone, do not full grown.  
 (b) Not grown yet.

C. Ishikawa's *Doubutsu sinbun* p. 86.



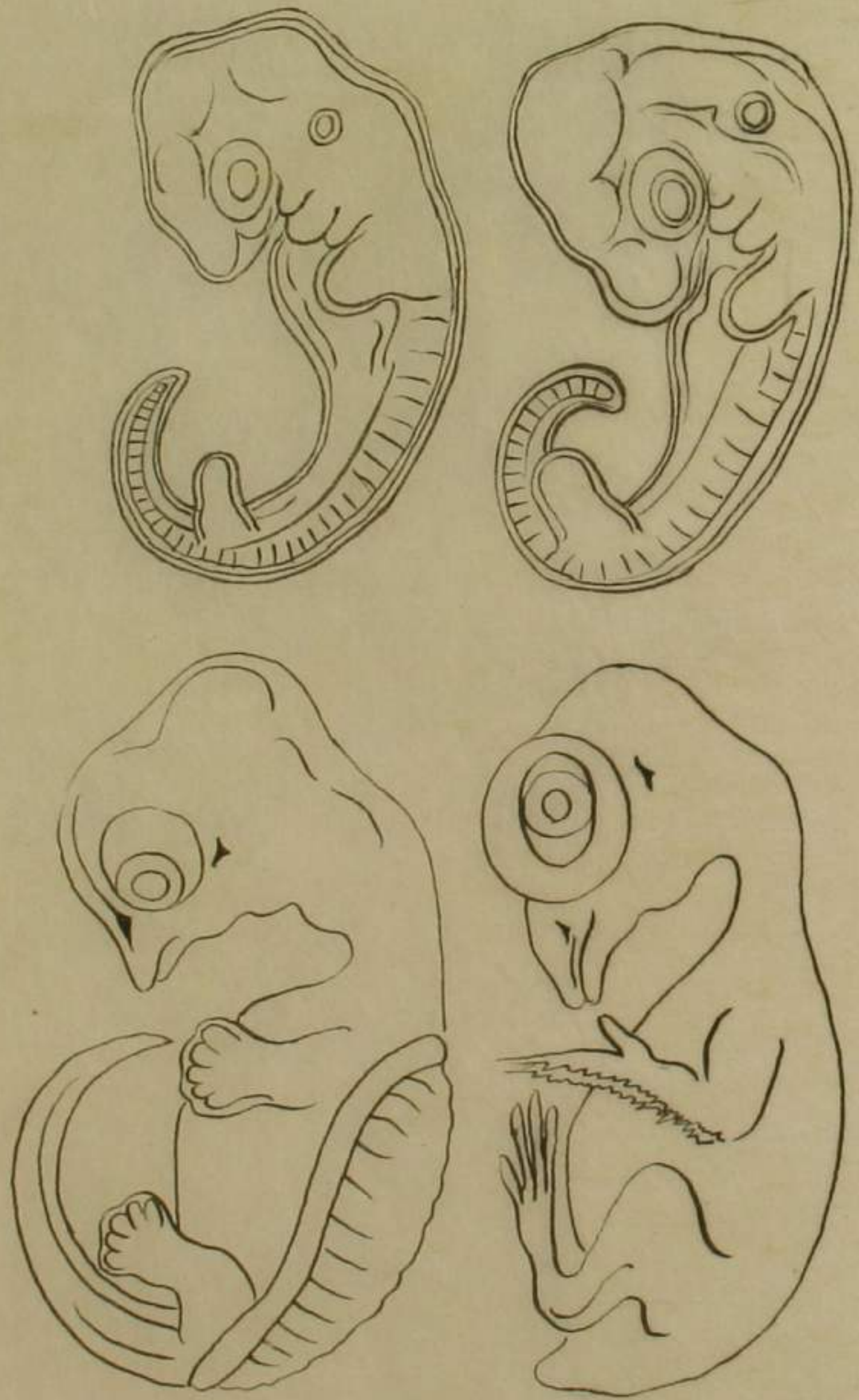


鳥類生殖器



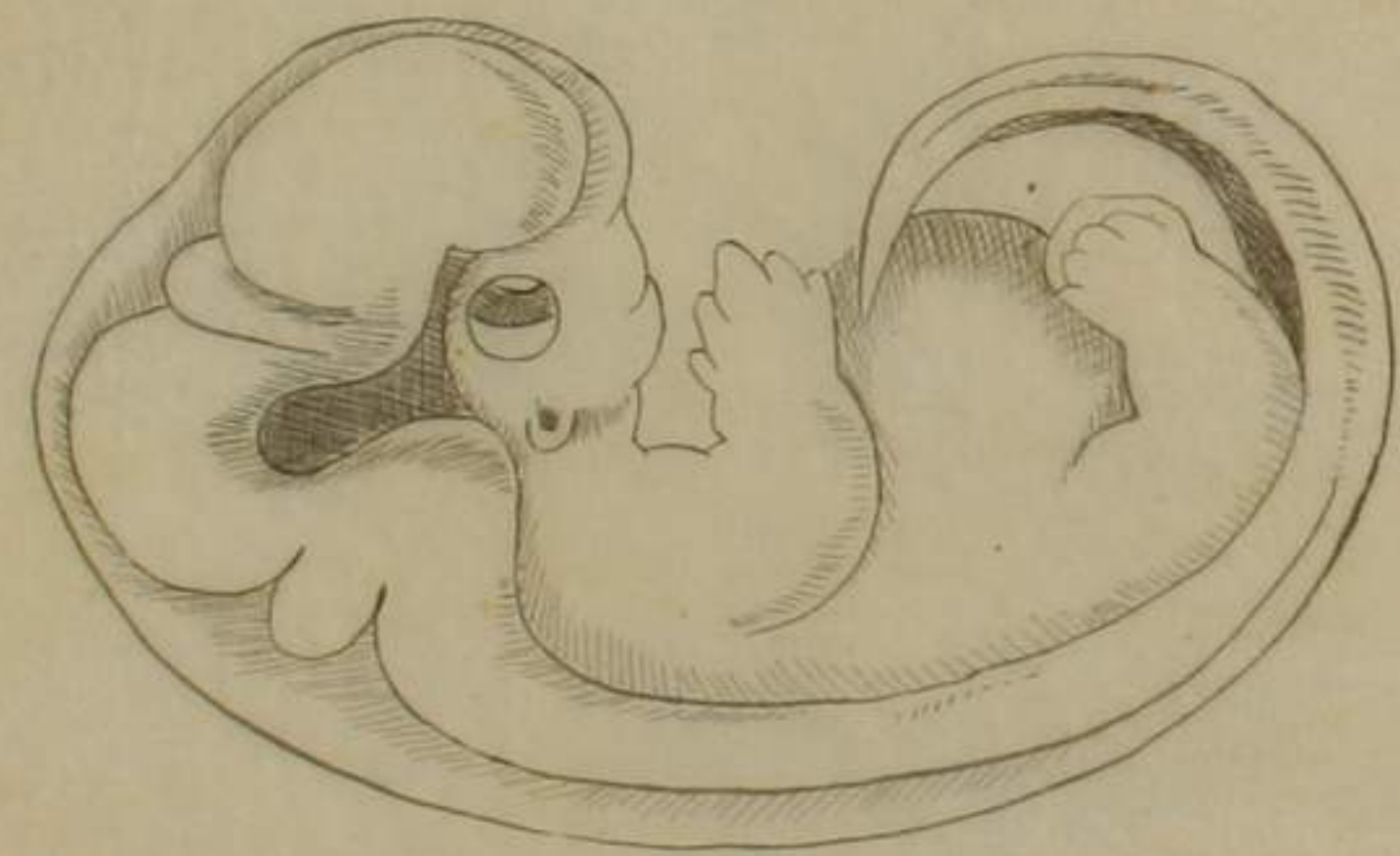
Development  
of  
Chelonia.

Development  
of  
Aves.

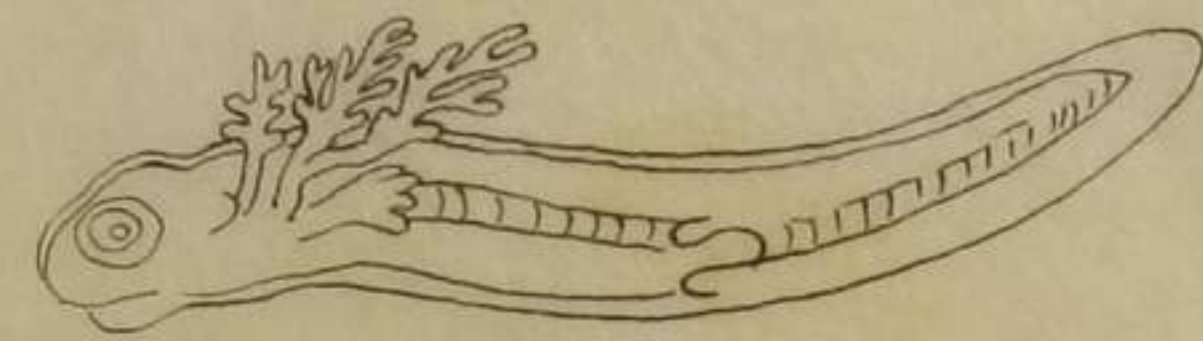


C. Dehikawa's *Dontutsu Shinkaron*. p 83.

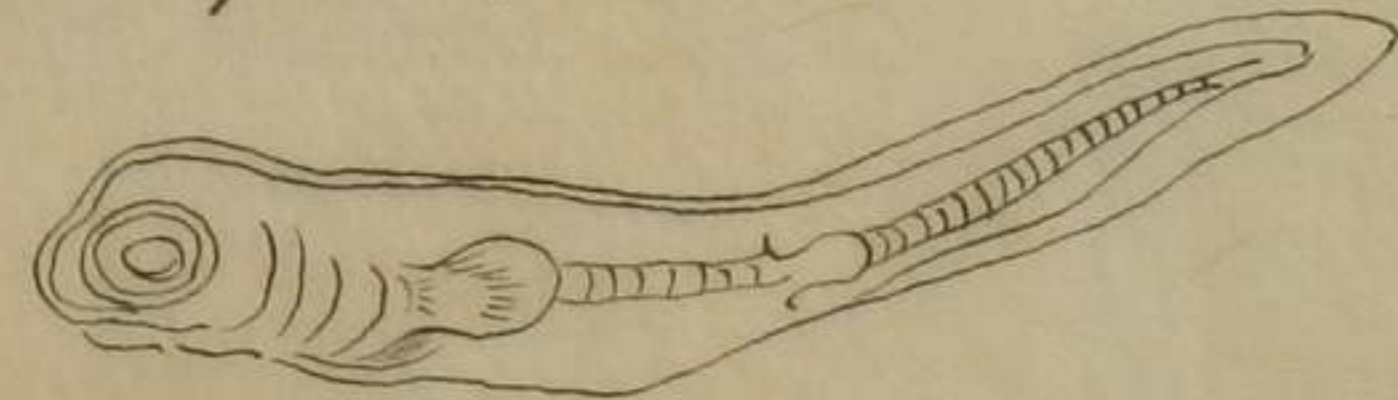


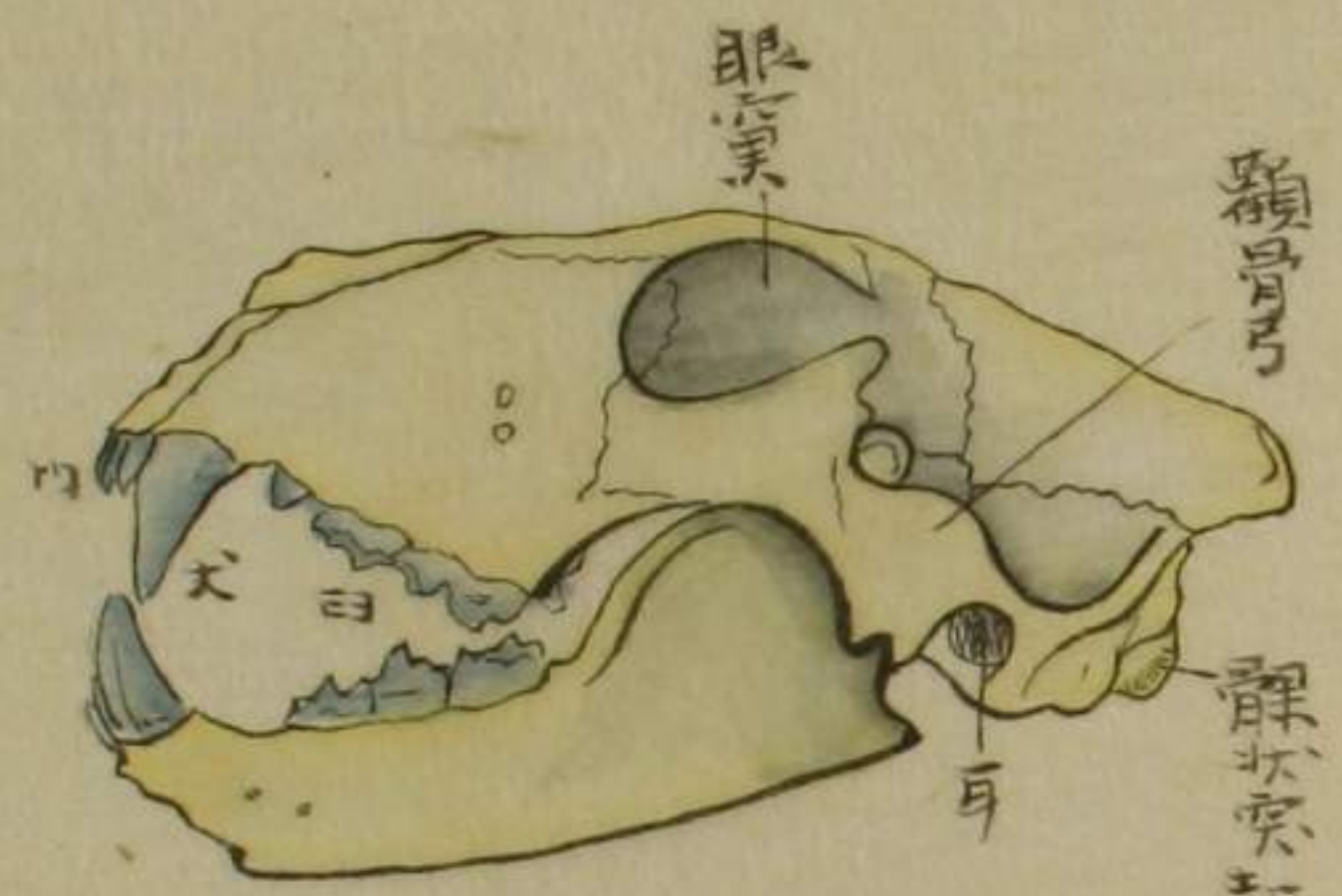


*Cryptobranchus japonicus.*

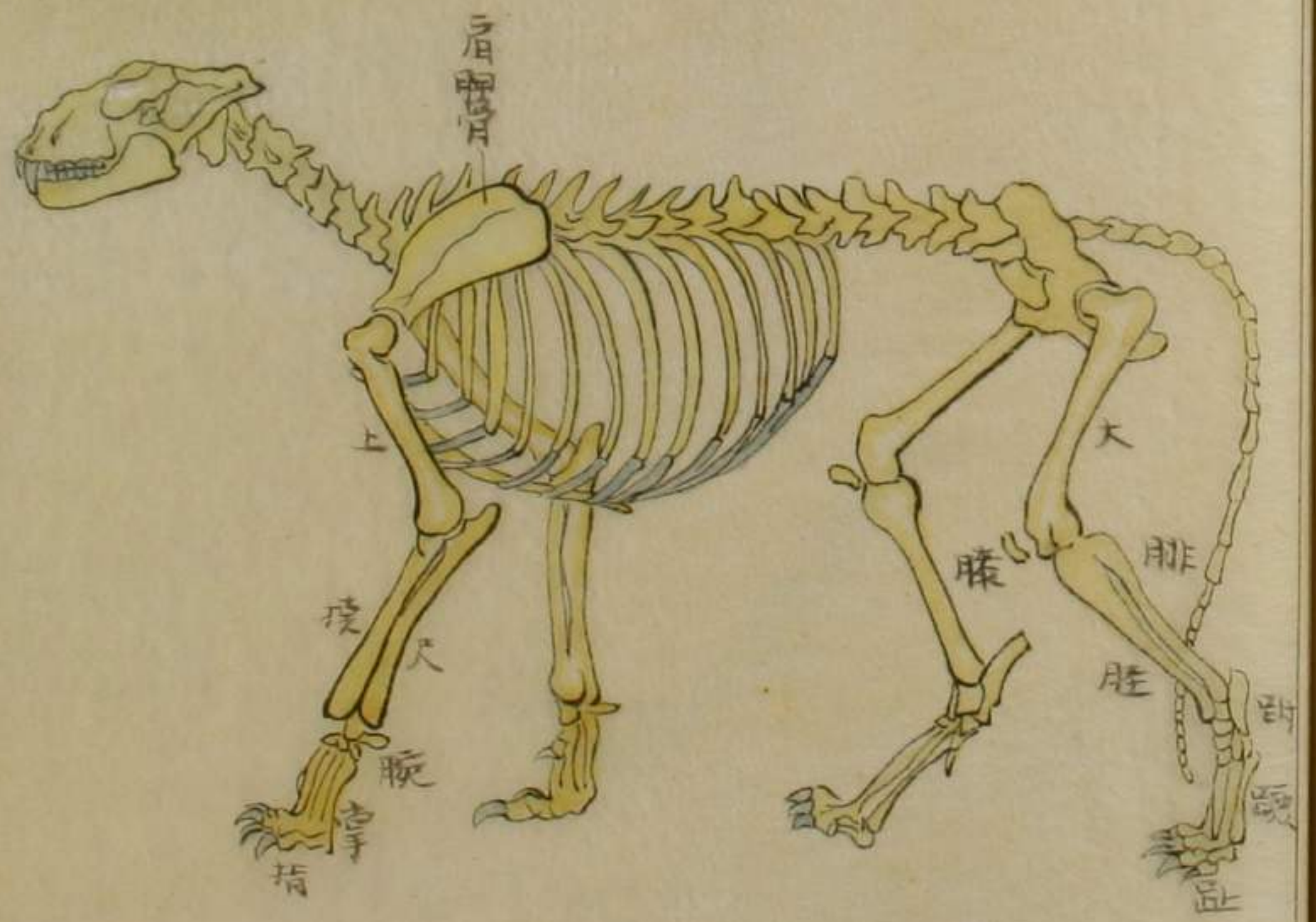


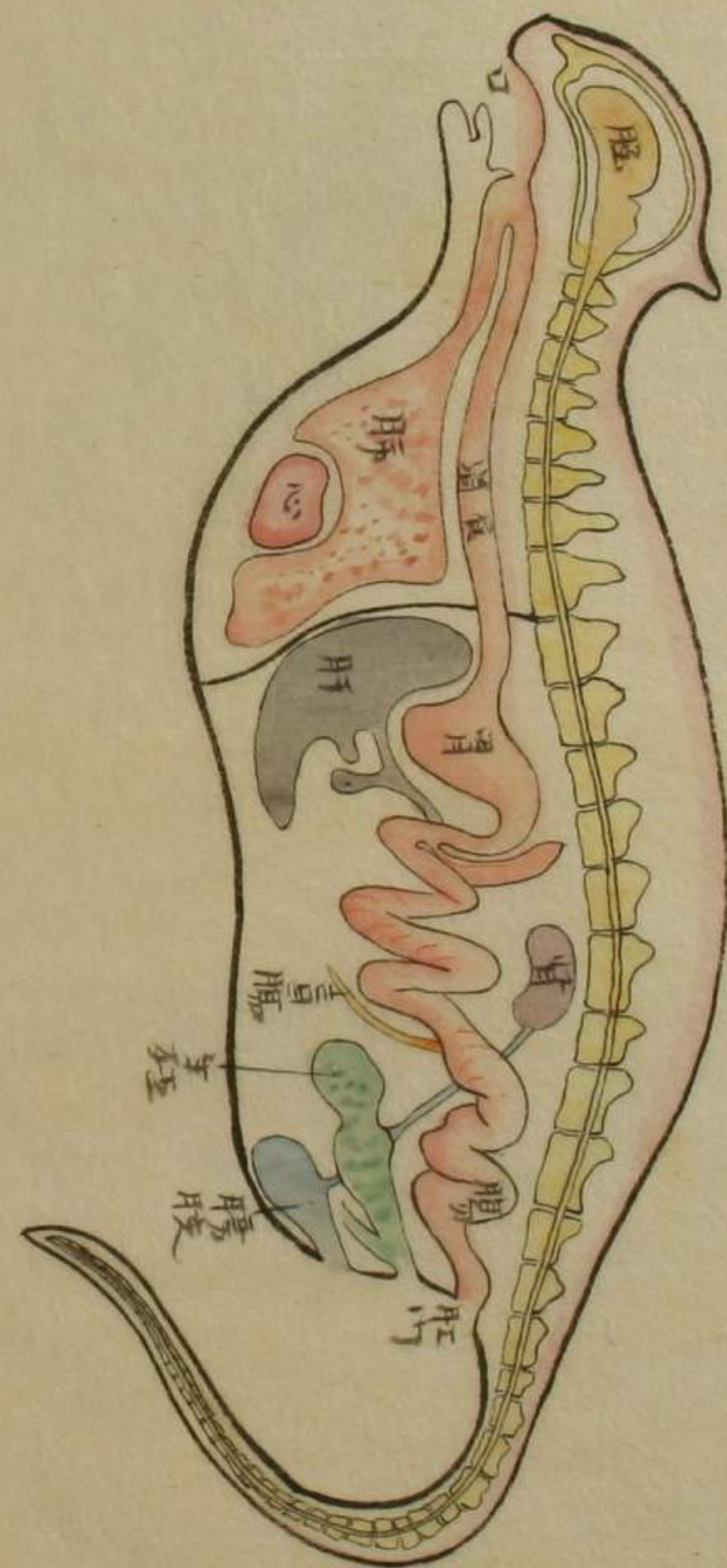
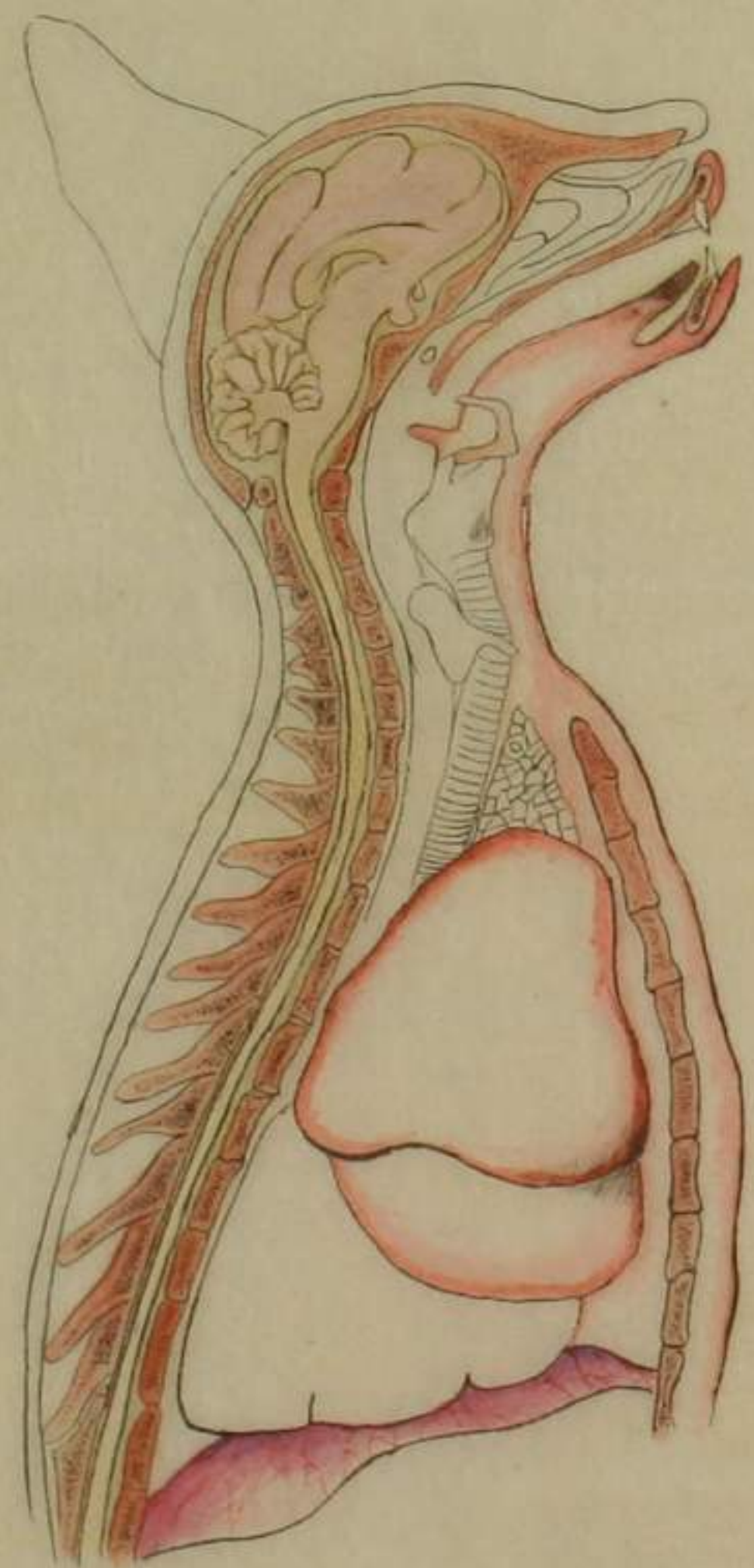
*piscis.*

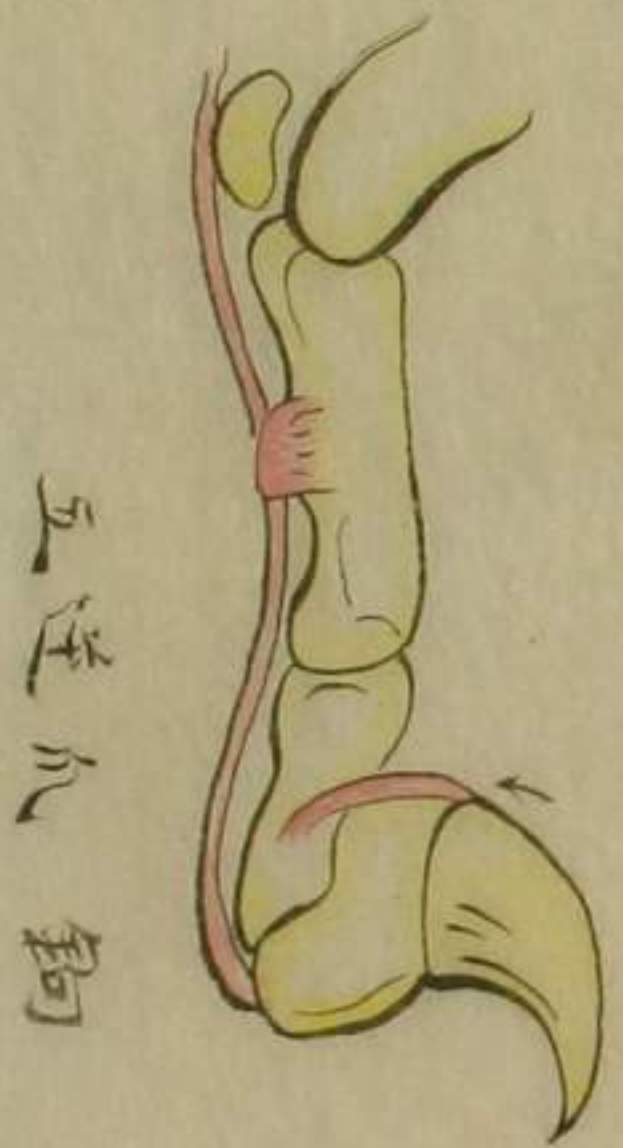




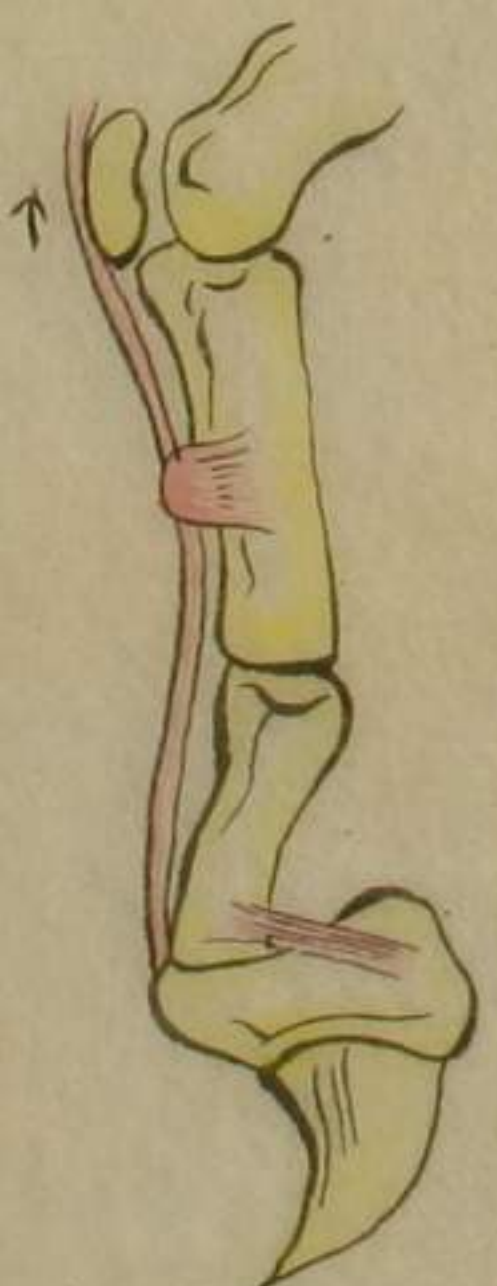
$$\frac{3191}{7121} = 36$$



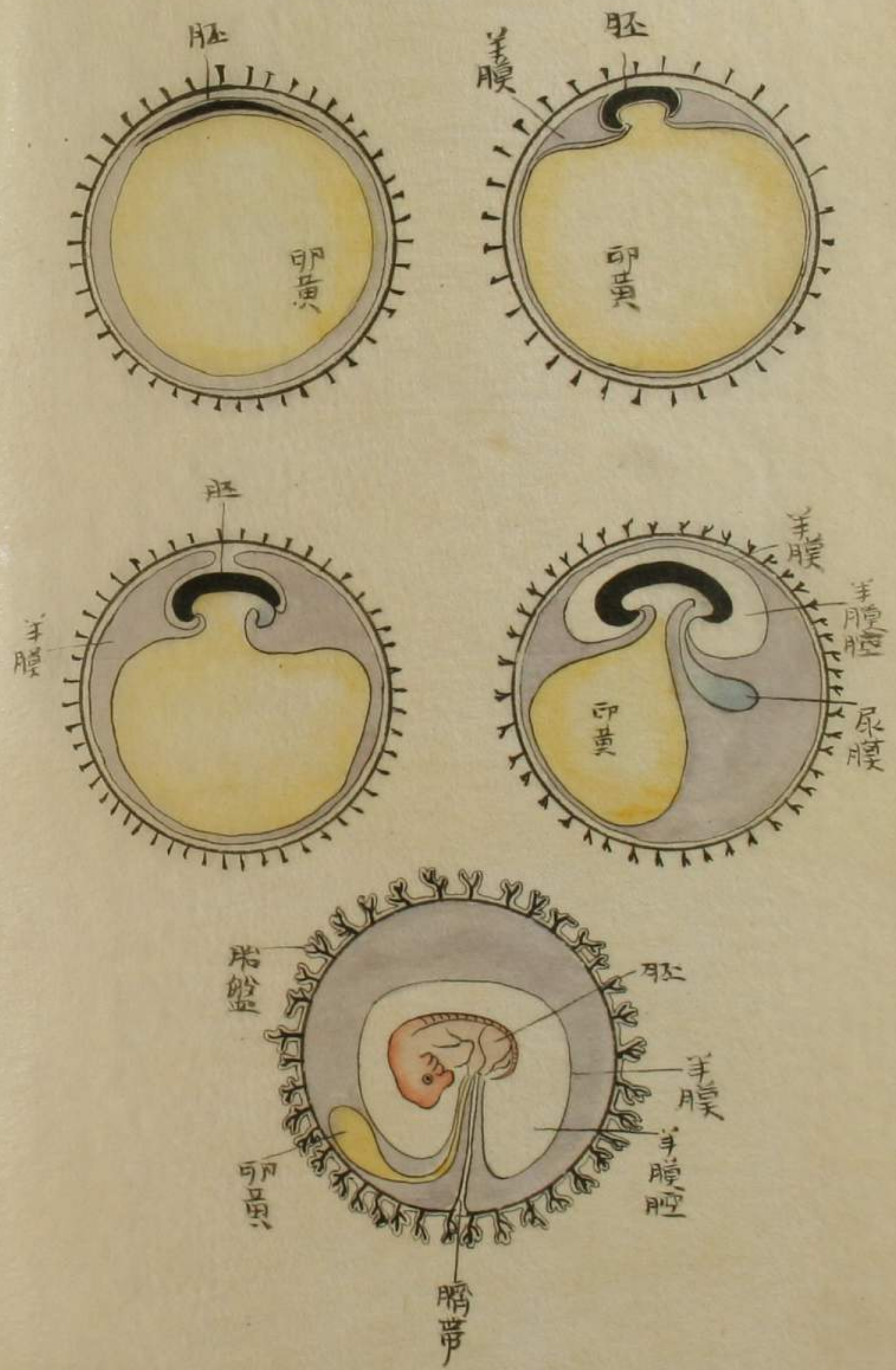
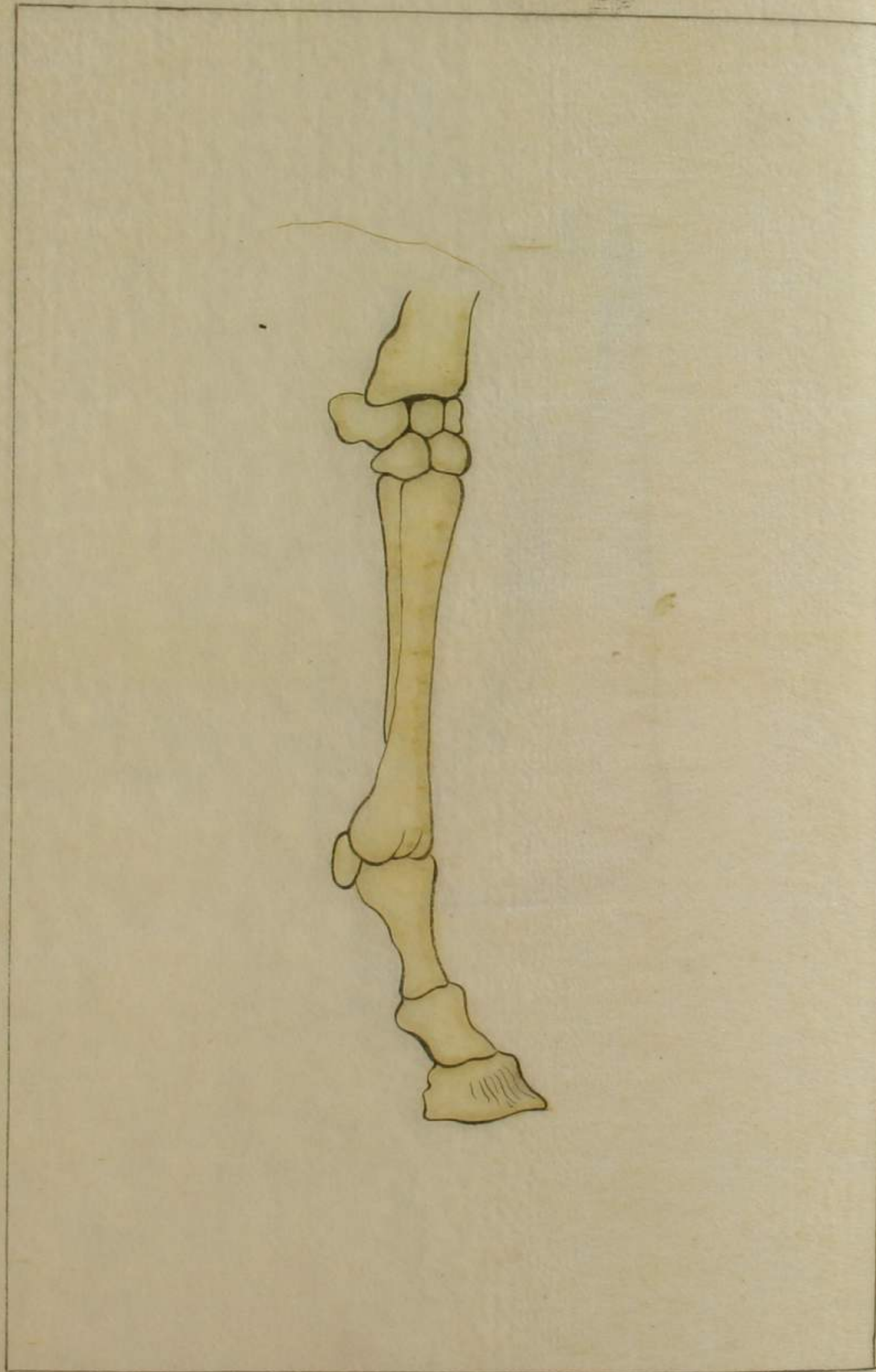




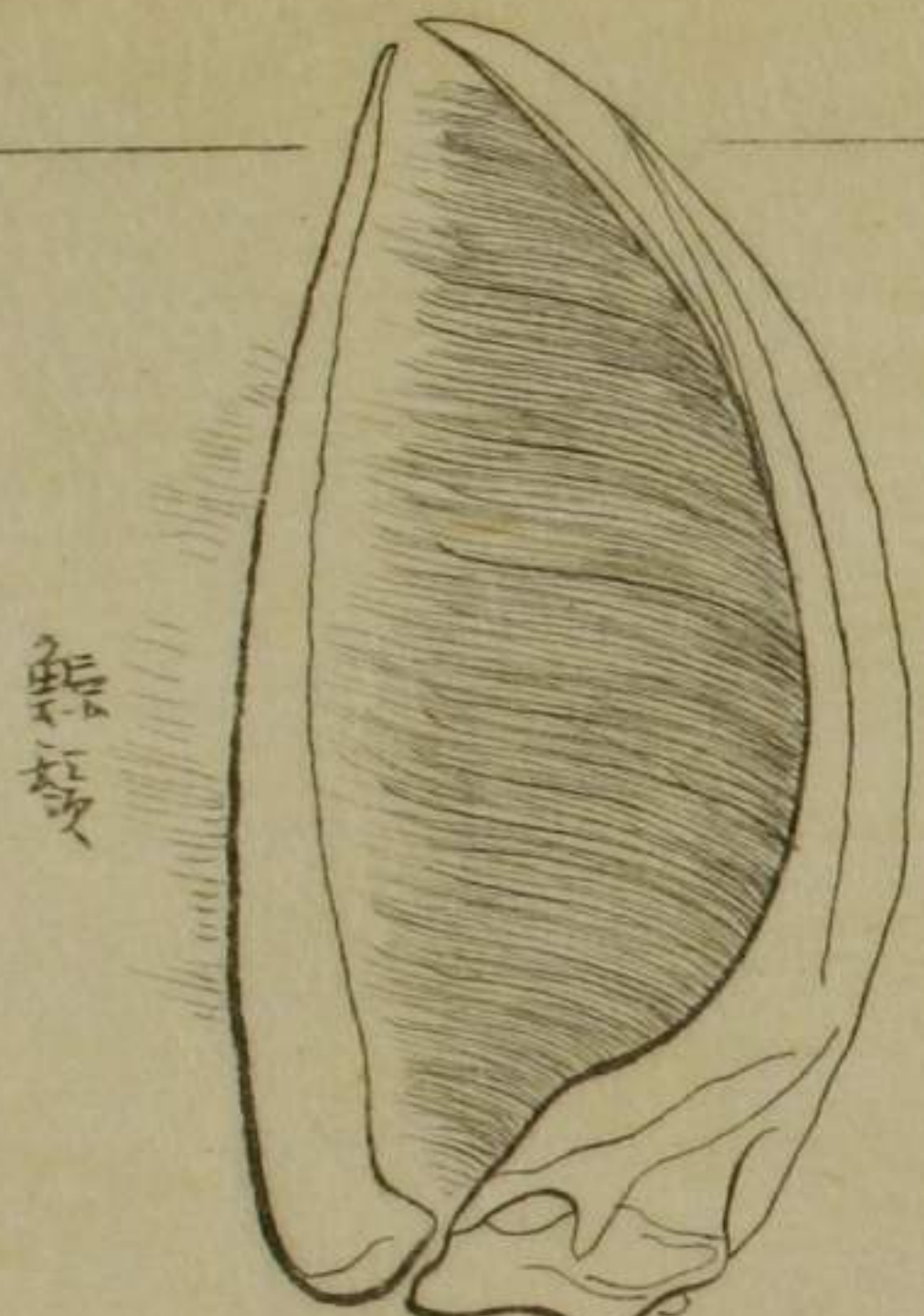
五逆爪鉤



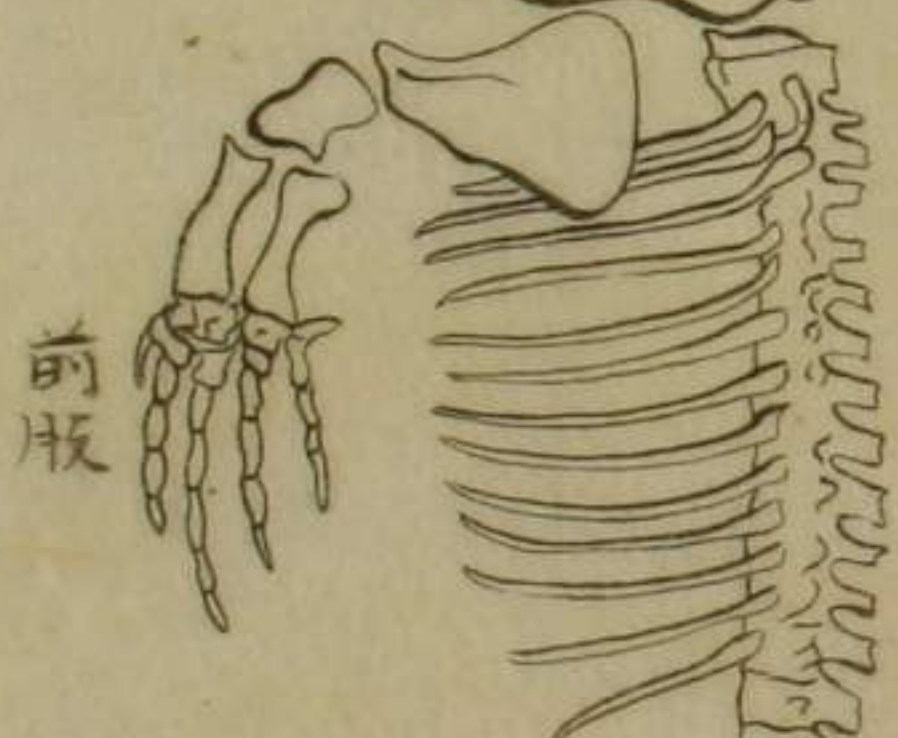
臍伏爪鉤



鯨



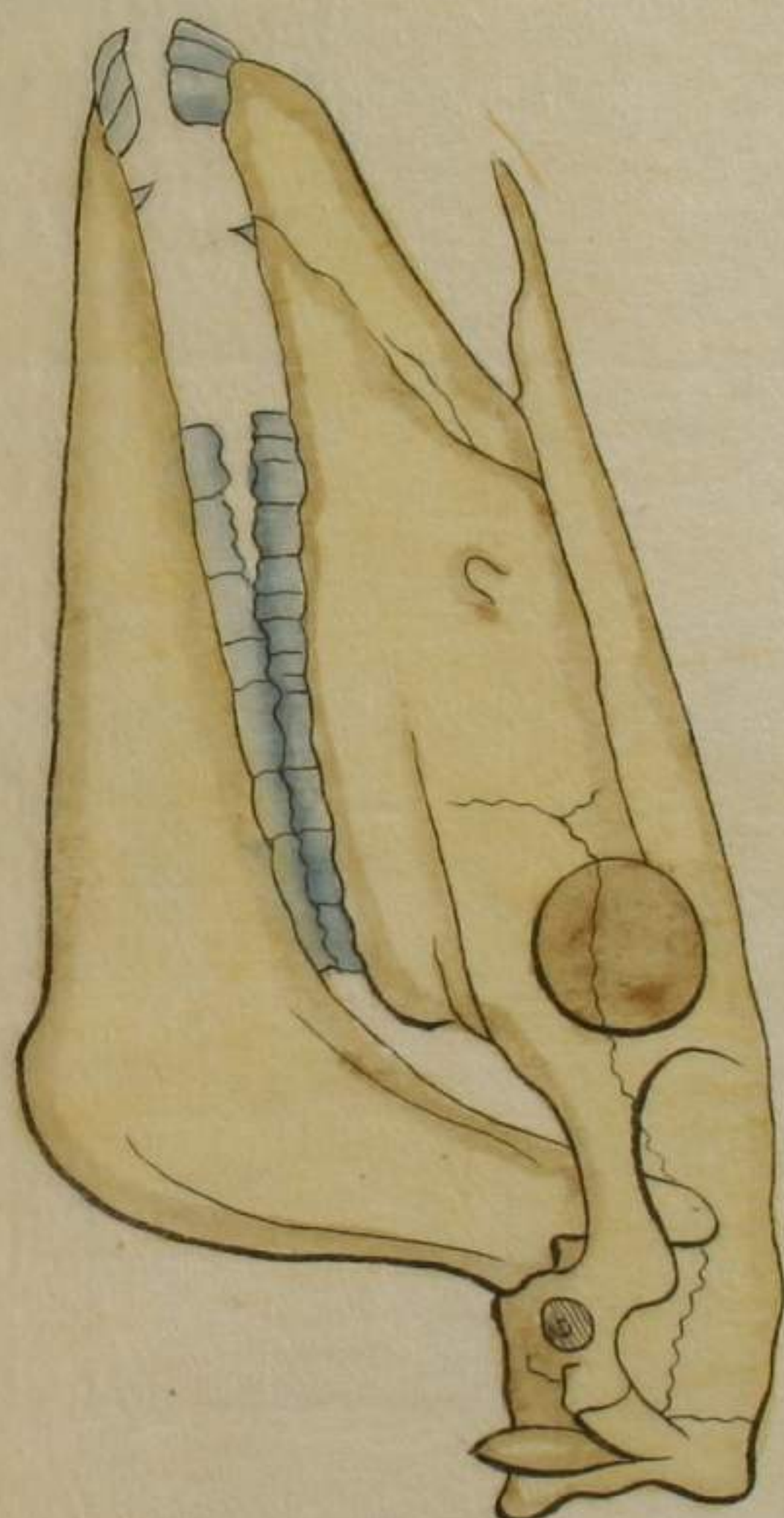
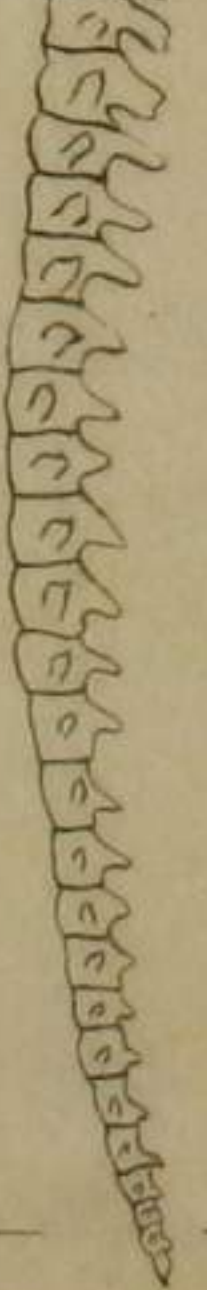
鯨鬚



前肢

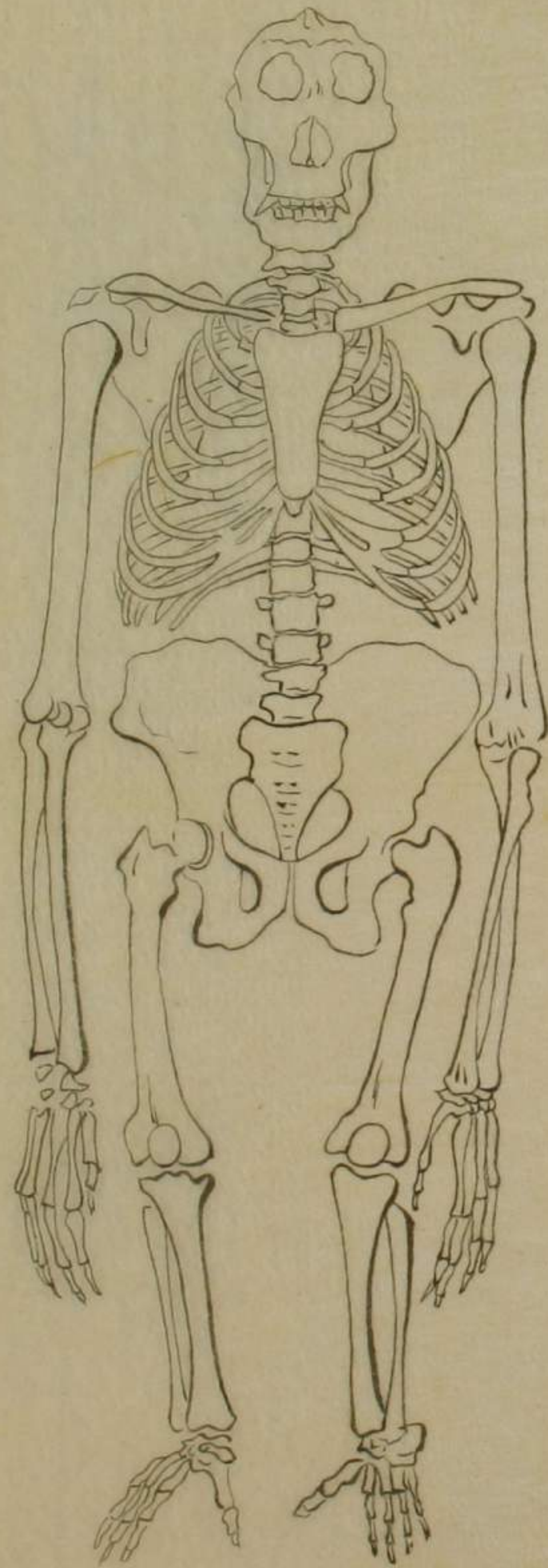


後肢

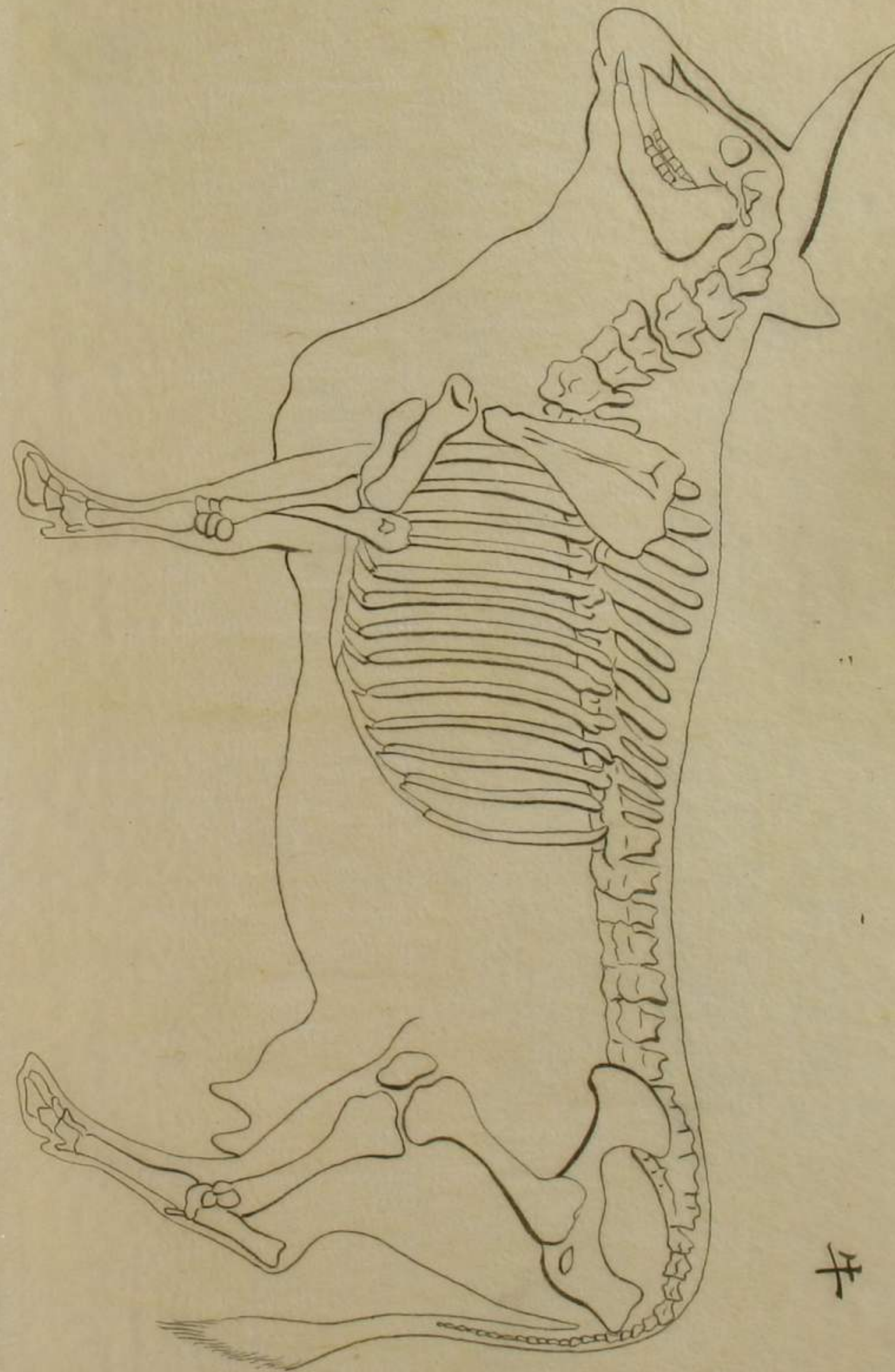


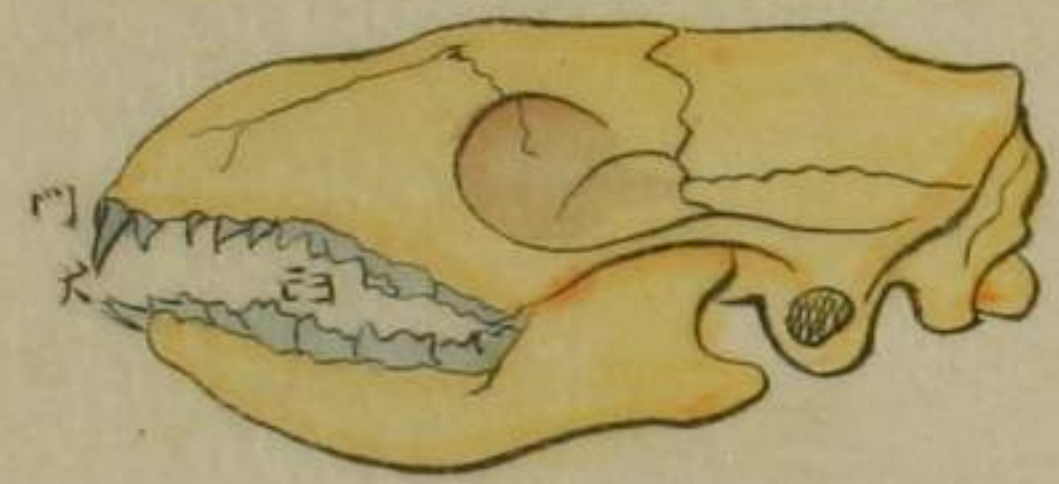
馬

猩々



牛





鼯鼠



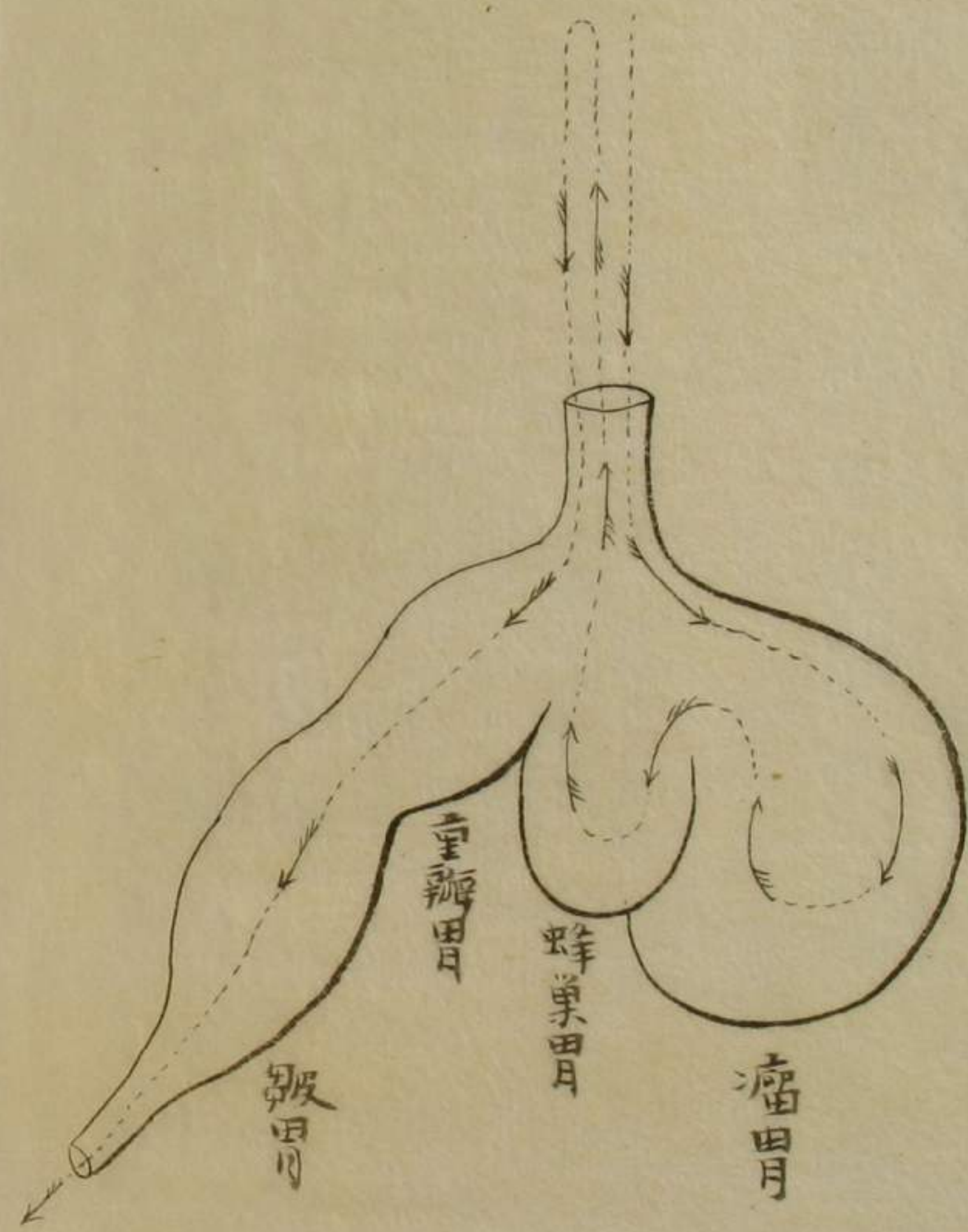
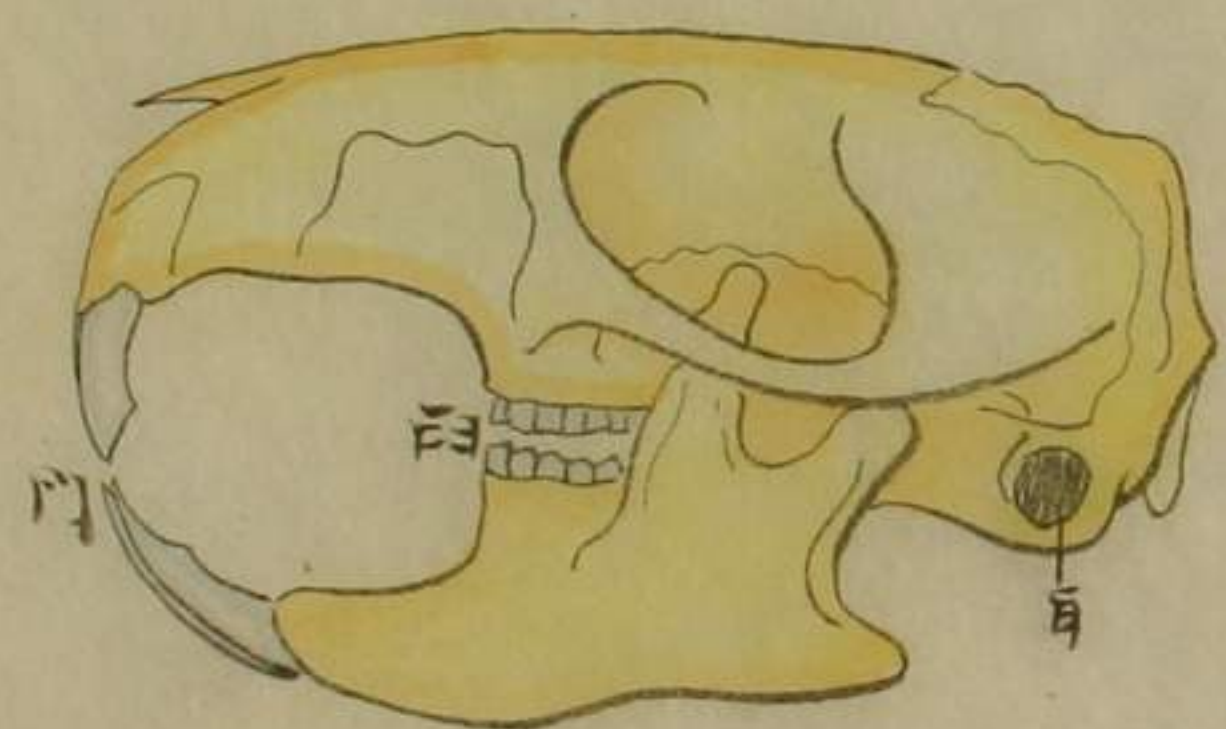


蝙蝠

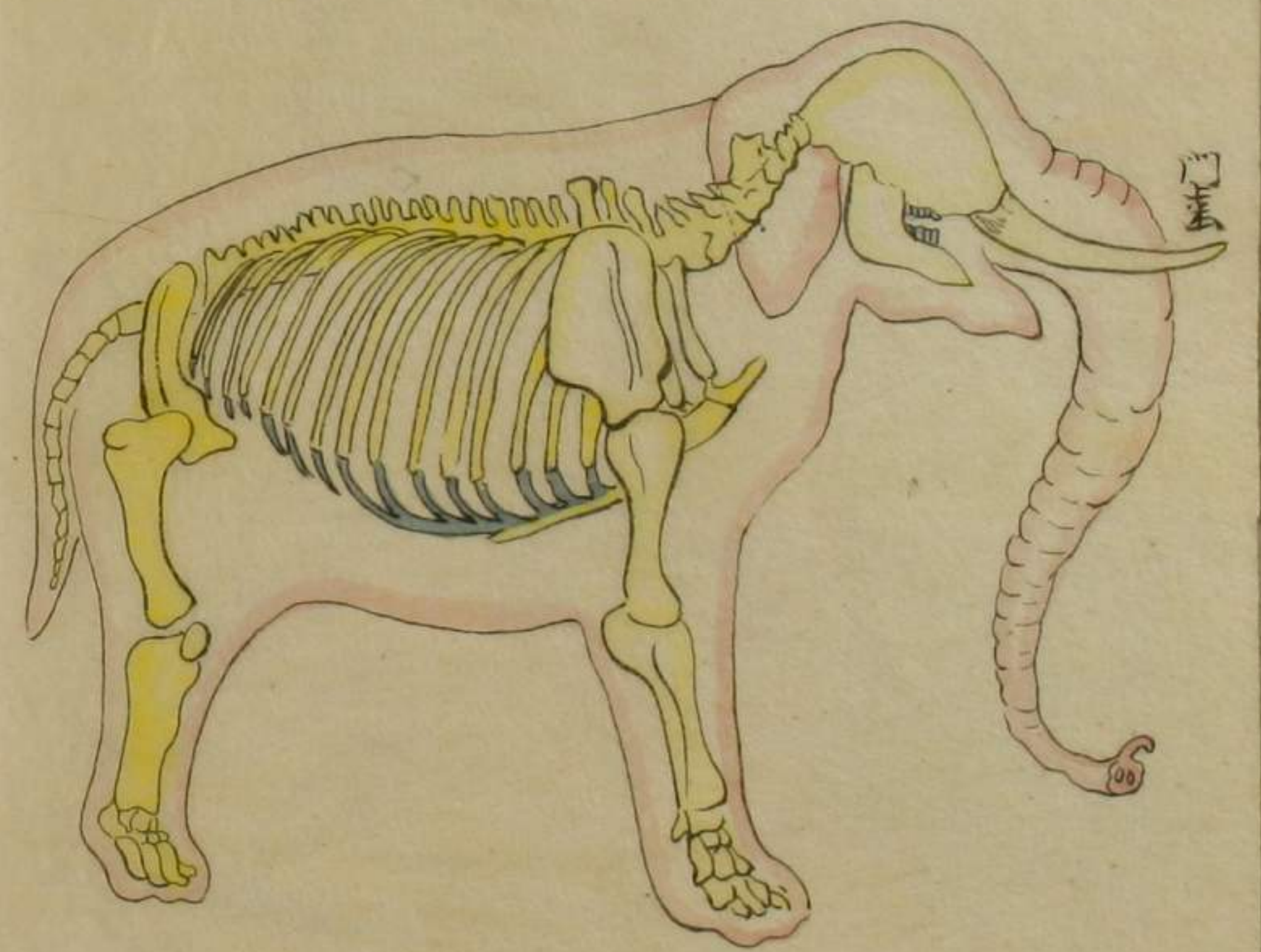


II  
III

鼠

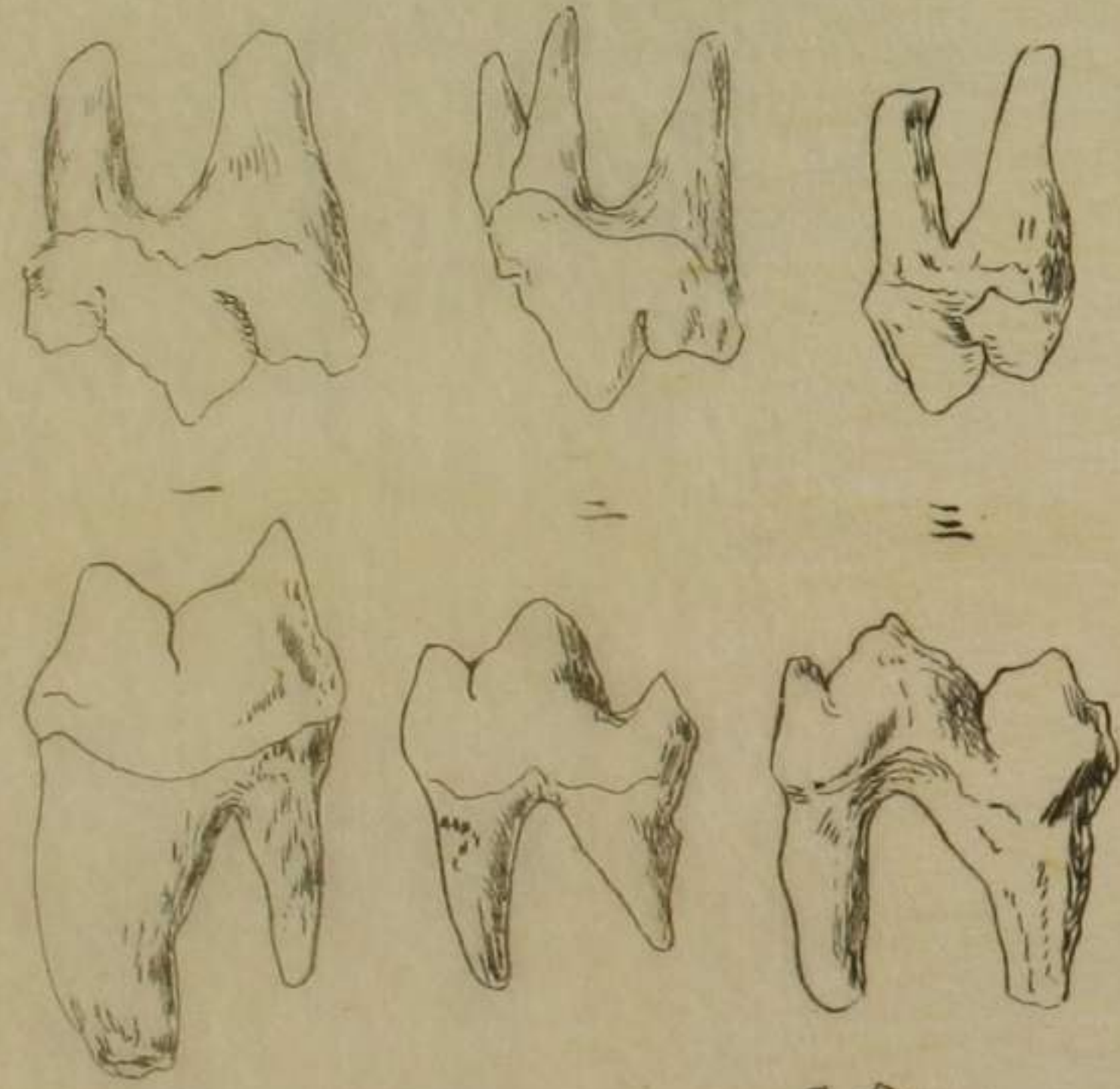


象



猫頭骨





食肉獸三種裂肉齒  
ヲ示ス  
 一 猫  
 二 狗  
 三 熊



獅子頭骨



狗頭骨



羊頭骨



鼠頭骨

奧志一區



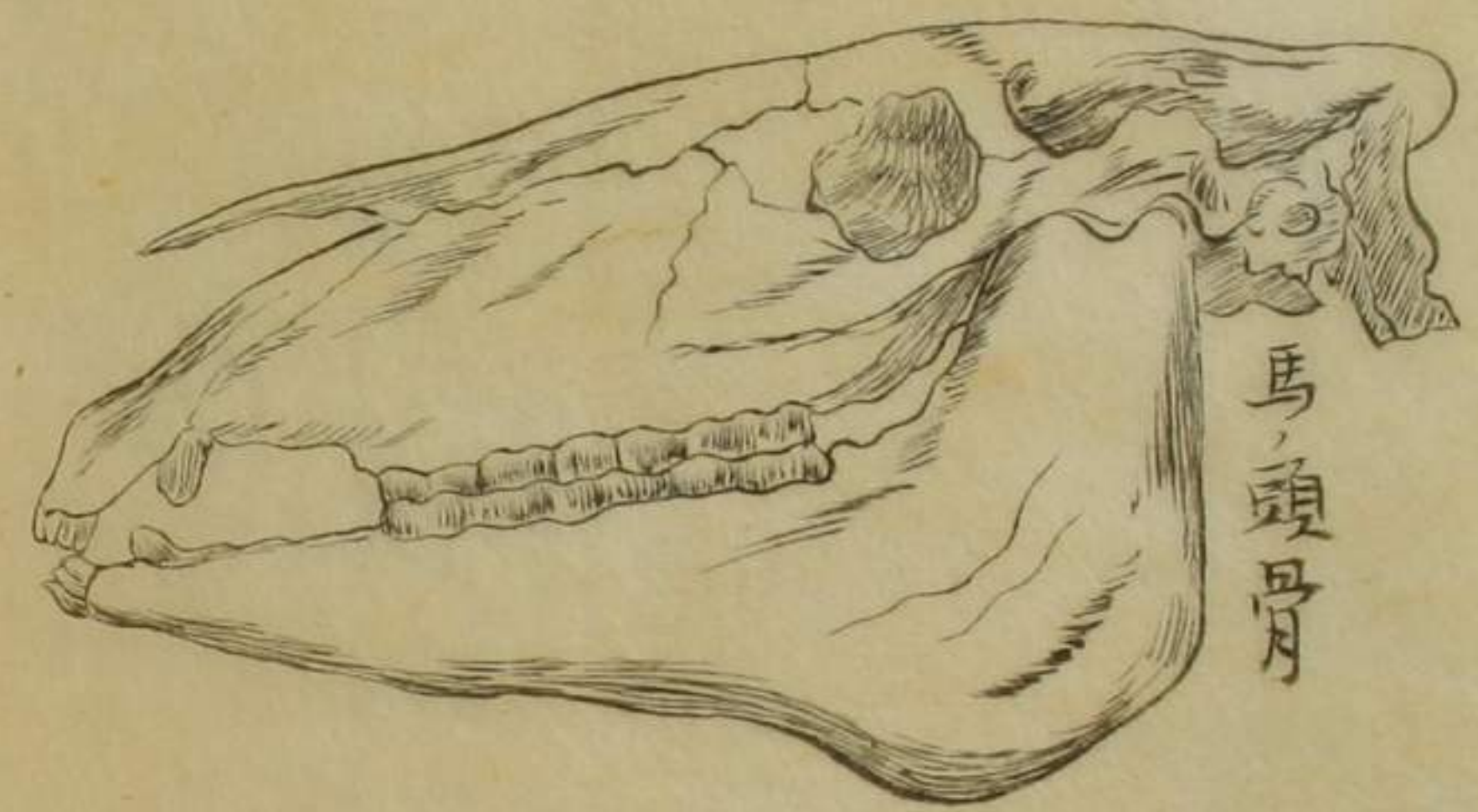
蝙蝠頭骨



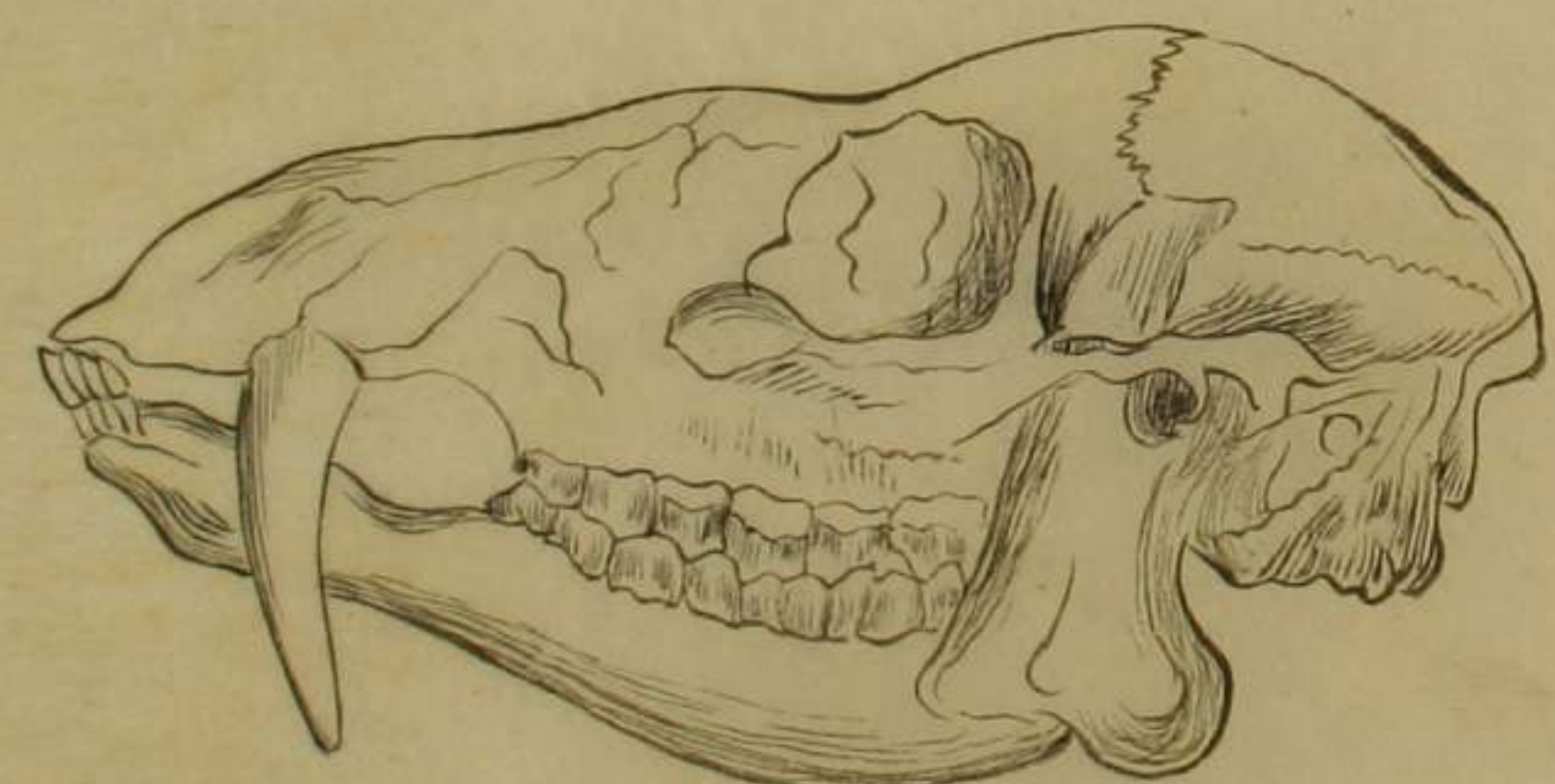
鼠頭骨



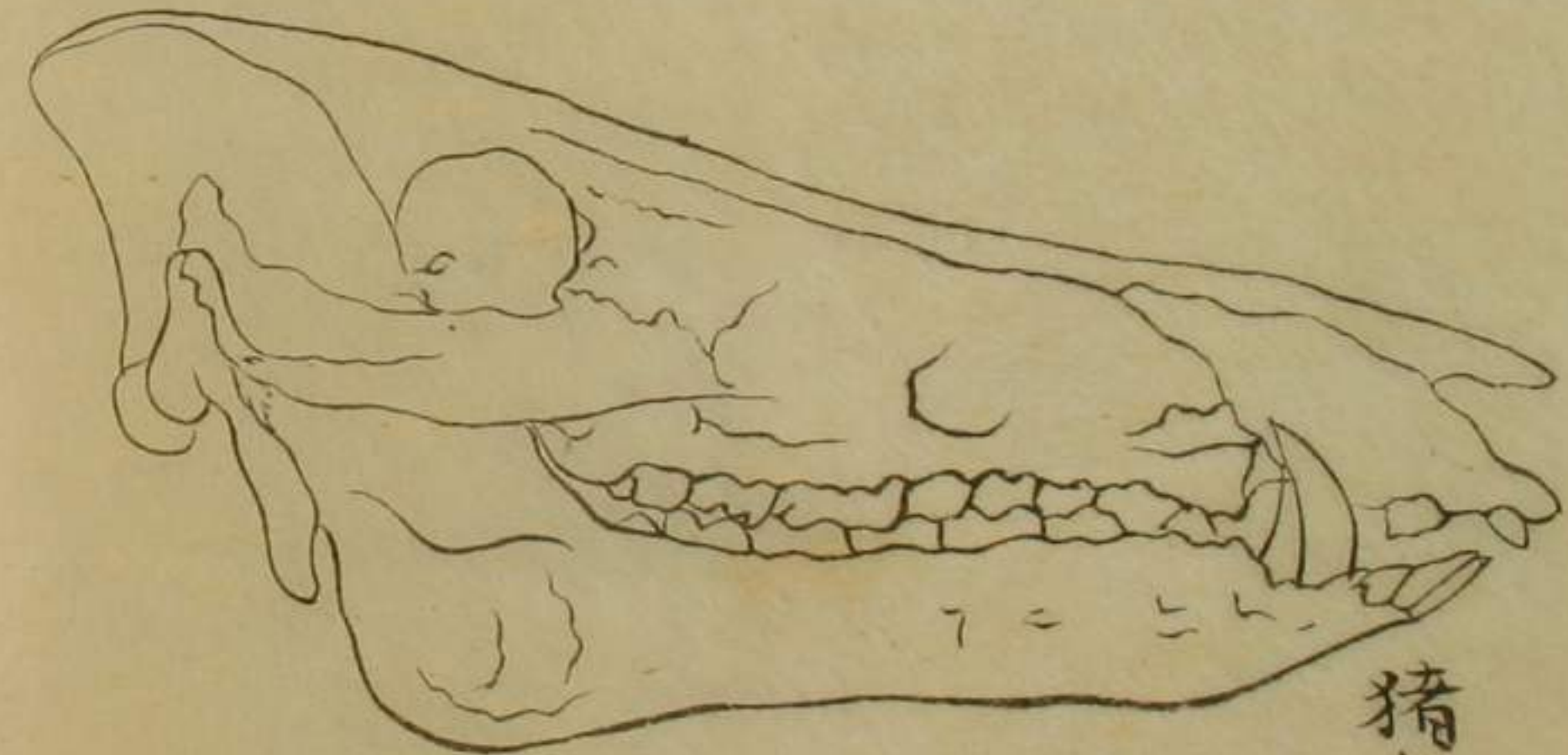
兔頭骨



馬頭骨

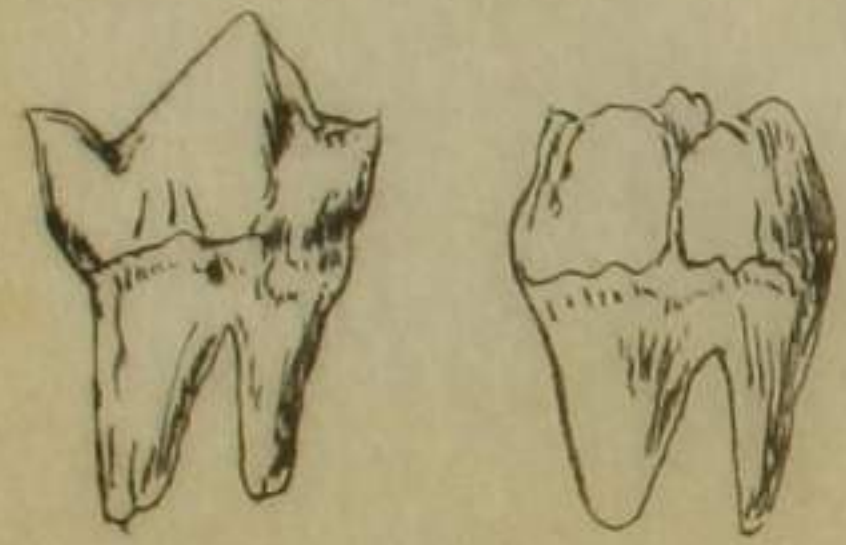


支那水鹿頭骨

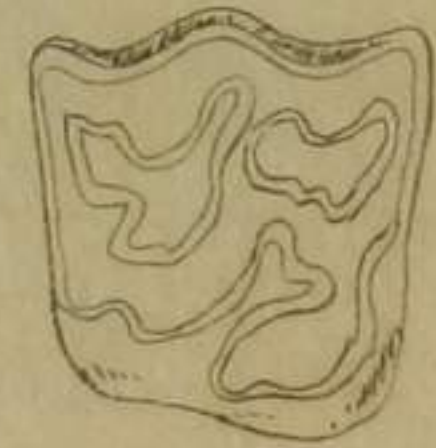


豬頭骨

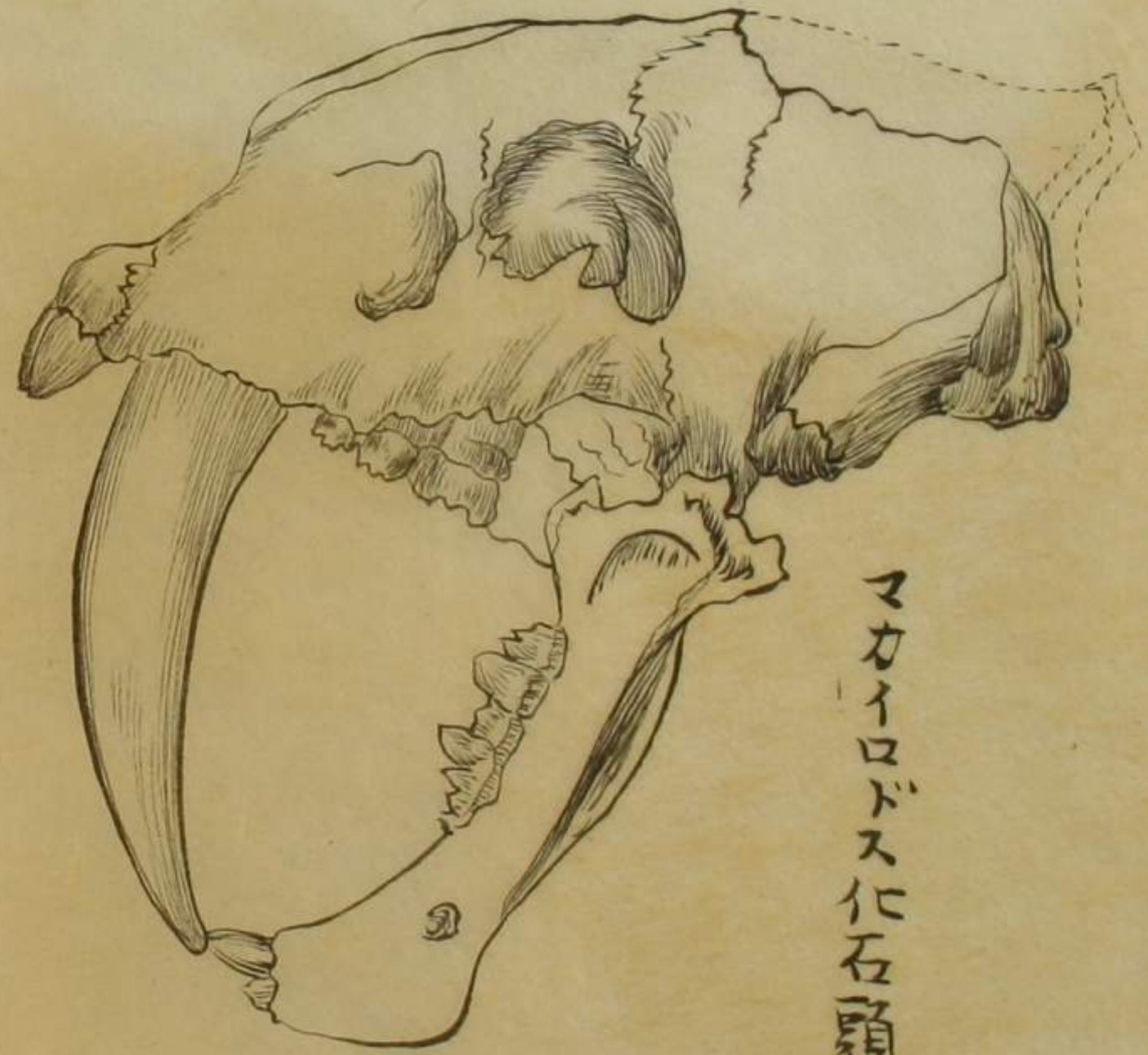
猪及び  
犬の歯  
咀嚼面



兎  
及び  
馬  
の歯  
咀嚼面



ハリス及び  
ガリス  
種、頭骨  
ニ



マカイロドス化石頭骨

骨頭一ロガンカ





