



KUPFER  
 ZU DE BLOCH'S OECONOMISCHE NATURGESCHICHTE  
 DER FISCHE DEUTSCHLANDES .

J. W. K. del.

D. Berger sculp. 1774.

Sm

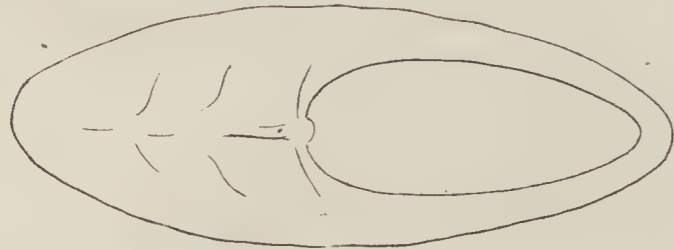


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I. Taf.

Natürliche Größe

CYPRINUS ERITHROPHthalmus.  
Die Plötze.  
The Rudd.



Krieger jun. del.

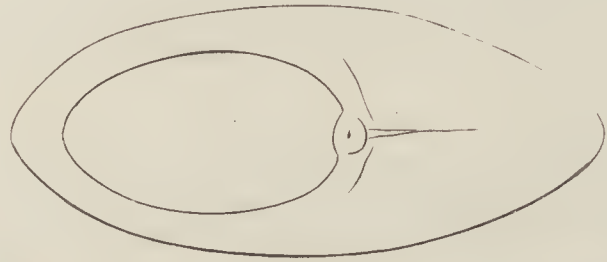
C. Schmidt sc.

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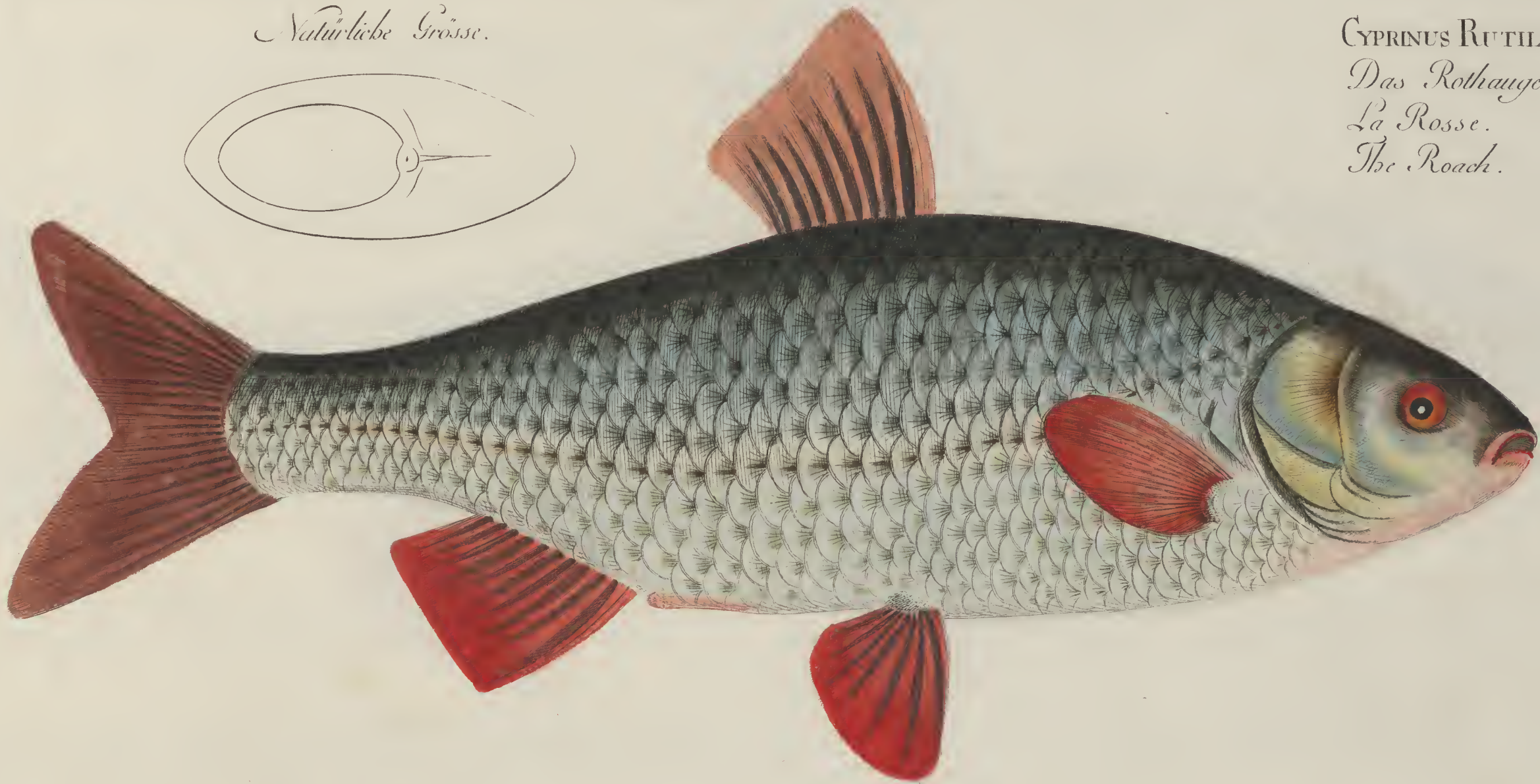


II Taf

Natürliche Grösse.



CYPRINUS RUTILUS.  
Das Rothauge.  
La Rosse.  
The Roach.



Drayon jun. del.

J. G. Schmidt. sc.

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III Taf.

Natürliche Grösse.

CYPRINUS NASUS.  
Die Nase.



Kröger jun. del.

J. G. Schindler sc.

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IV Taf.

Natürliche Grösse.

CYPRINUS VIMBA.  
Die Zärthe.



Kröger jun. del.

J. G. Schmidt. sc.

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V Taf.

Natürliche Grösse.

CYPRINUS DOBULA.  
Der Döbel.



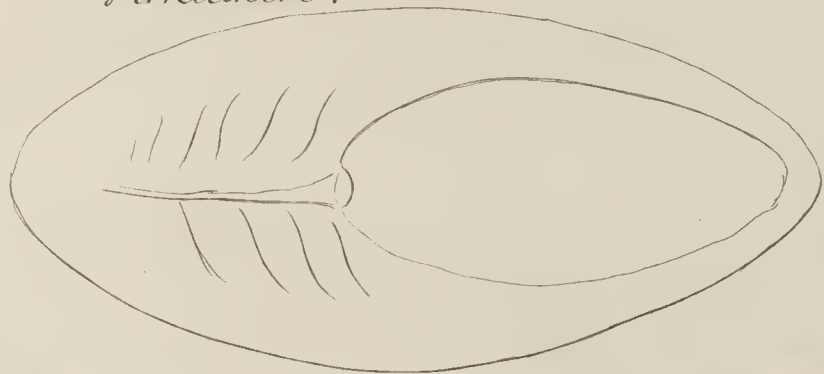
Kruger. Jura del.

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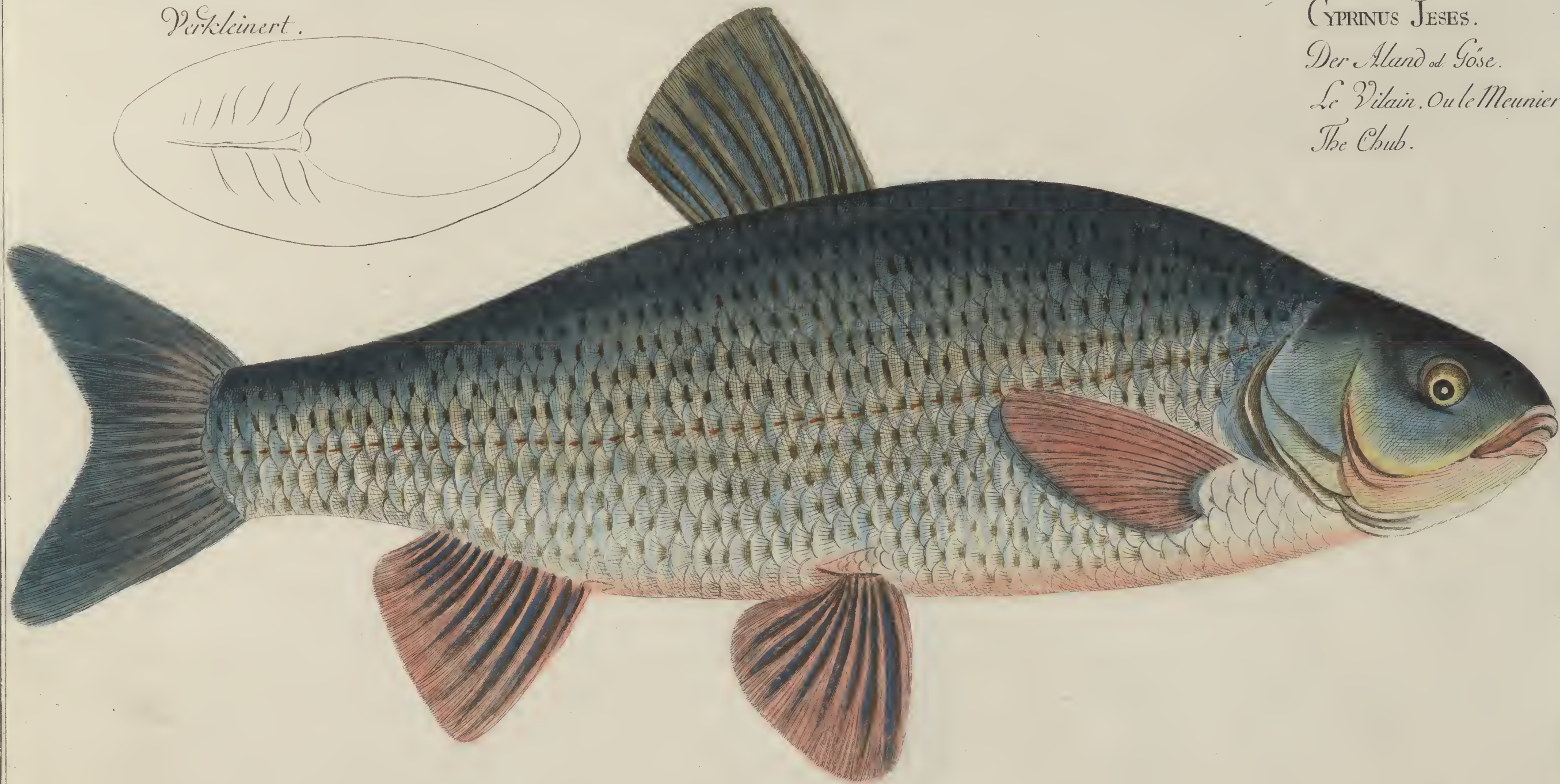


VI Taf.

Verkleinert.



CYPRINUS JESSES.  
 Der Aland od. Göse.  
 Le Vilain. Oule Meunier.  
 The Chub.



Knaul 1781 24

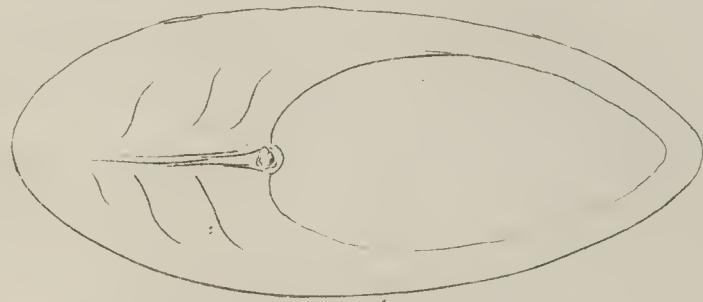
J. G. Schmidt sculp.

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*Verkleinert.*

CYPRINUS ASPICUS.  
Der Raapfe.



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Fig. 1.  
CYPRINUS BIPUNCTATUS.  
Die Mand-Blecke.

Fig. 2.  
CYPR. GOBIO.  
Der Gründling.  
Le Goujon.  
The Gudgeon.

Fig. 3.  
CYPR. AMARUS.  
Der Bitterling.

Fig. 4.  
CYPR. ALBURNUS.  
Der Uxeley.  
La Weblette.  
The Bleack.

Fig. 5.  
CYPR. PHOXINUS.  
Die Sritze.  
Le Veron.  
The Minnow.



Natürliche Grössen.

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IX Taf.

Natürliche Grösse.

CYPRINUS BALLERUS.

Die Zope.



Kruger del.

J.G. Schouder sc.

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X Taf.

Natürliche Grösse

CYPRINUS BLICCA  
Die Güster  
La Bordeliere



Krüger, qua, del.

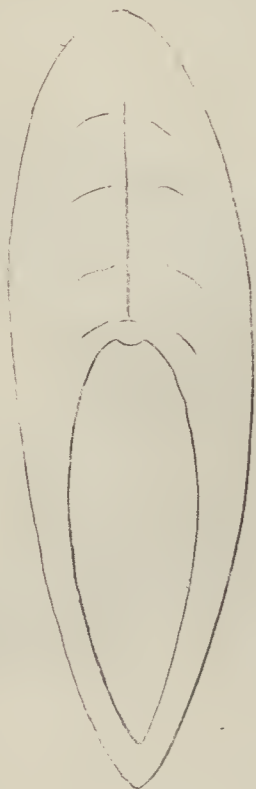
J.G. Schmidt sc.

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Natürliche Grösse.

CYPRINUS CARASSIUS.  
Die Karausche.  
Le Carassin.  
The Crucian.



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Natürliche Größe.

CYPRINUS GIBELIO.

Die Giebel.



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Verkleinert.

CYPRINUS BRAMA.  
Der Bley. od. Brassem.  
La Brome.  
The Bream.



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Verkleinert

CYPRINUS TINGA.

Der Schley.

La Tanche.

The Tench



Kempfer, juv. Del.

J. G. Schmidt sc.

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Verkleinert.

CYPRINUS TINCA AURATUS.  
Der Goldschleij.



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*Verkleinert*

CYPRINUS CARPIO.

*Der Karpfen.*

*Le Carp.*

*The Carp.*



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*Versteinert*

REX GYPRINORUM.  
*Der Spiegelkarpfen.*

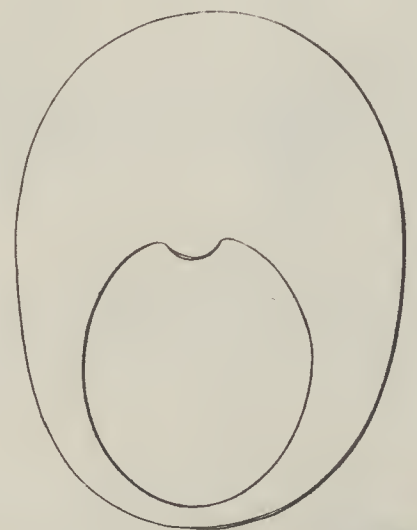


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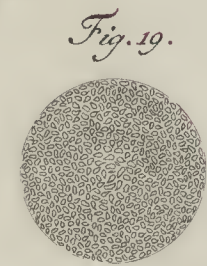
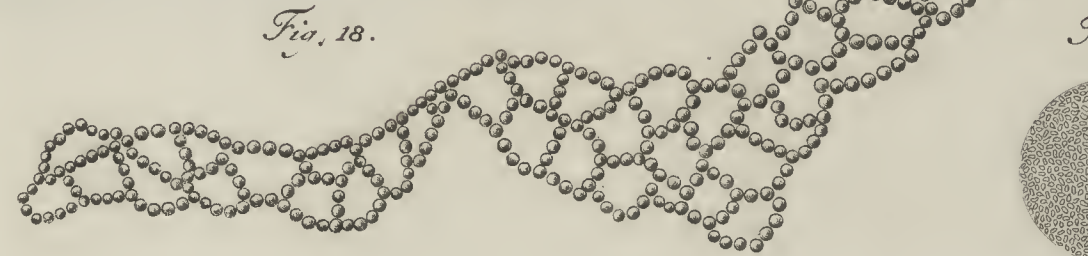
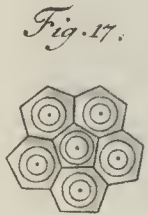
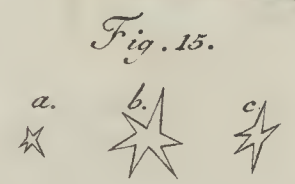
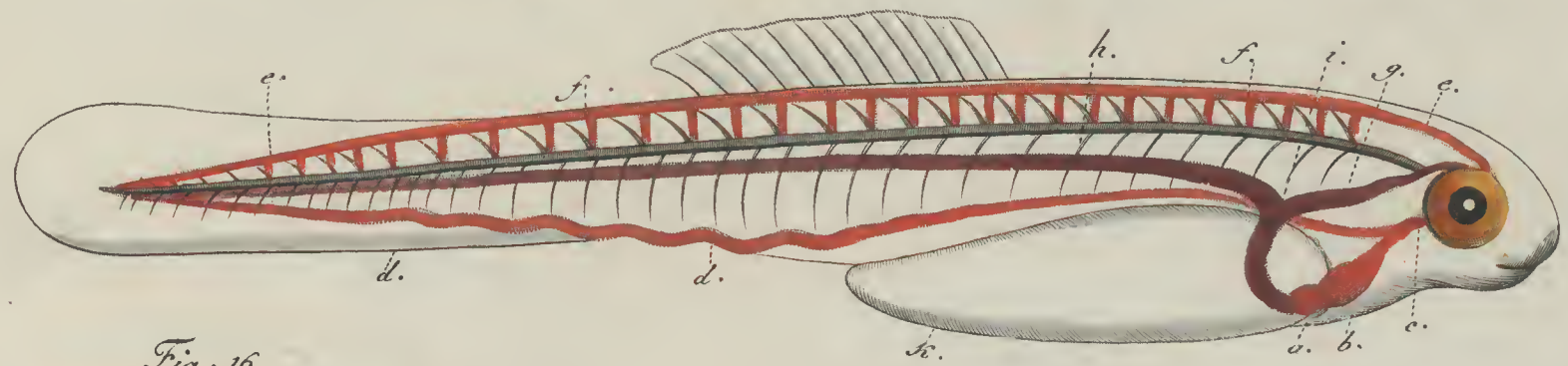
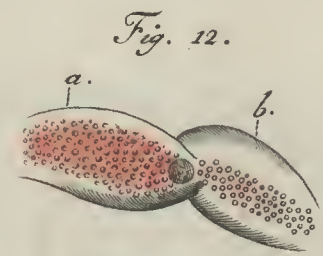
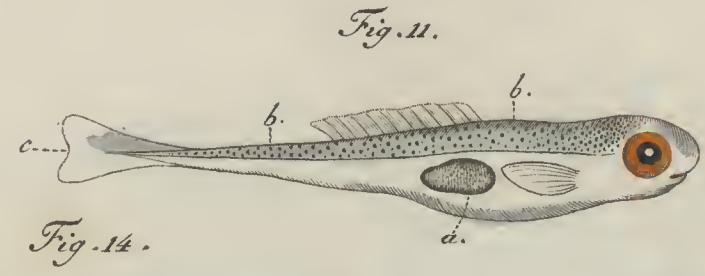
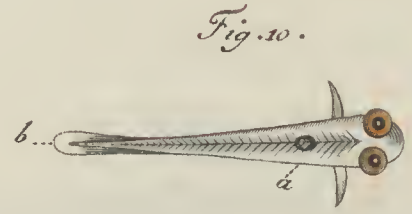
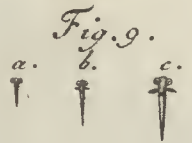
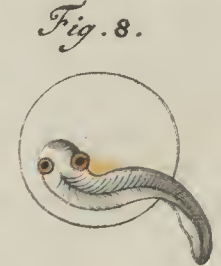
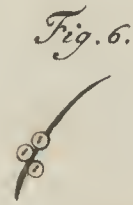
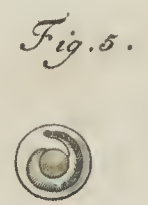
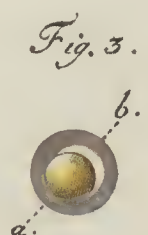
CYPRINUS BARBUS.  
*Der Barbe,*  
*Le Barbeau.*  
*The Barbel.*



*Kraeger pinx del.*

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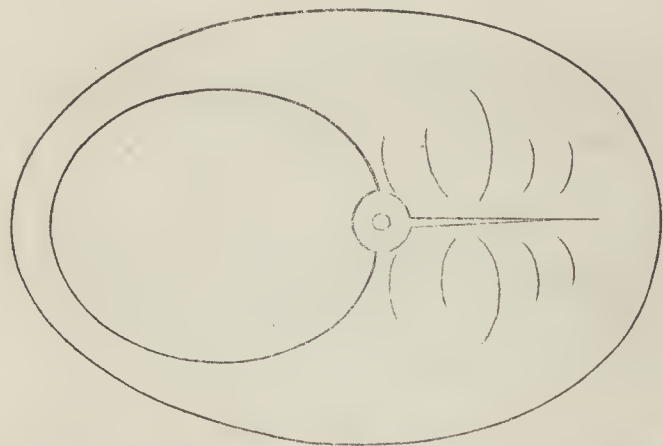


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Verkleinert.

SALMO. SALAR. *Ferr.*  
Der Lachs. *Taf. 98. Mus.*  
Le Saumon.  
The Salmon.

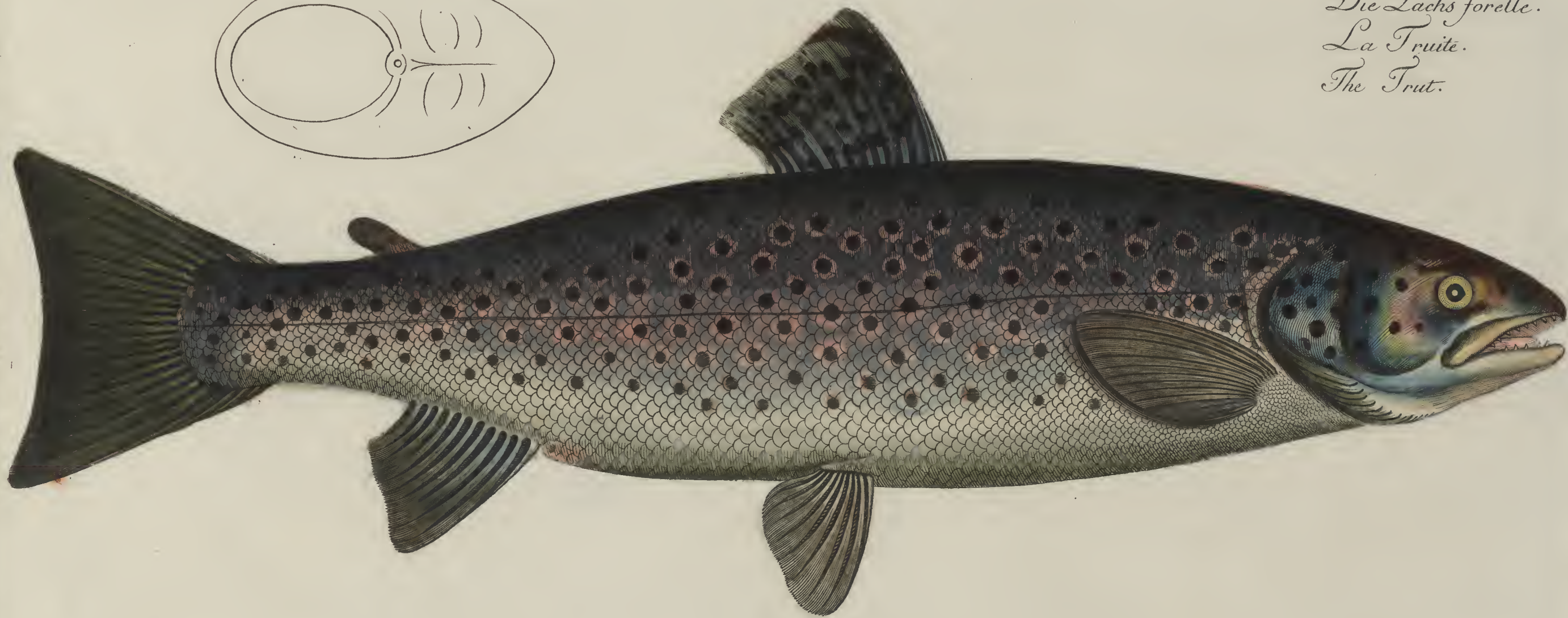
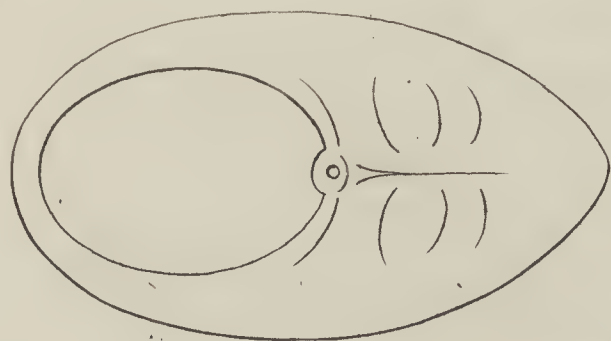


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*Verkleinert.*

SALMO TRUTTA.  
Die Lachs forelle.  
La Truite.  
The Trout.



*Krüger jun. del.*

*G. Bodensch. fec.*

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Natürliche Grösse

SALMO FARIO.  
Die Teichforelle.  
La Truite.  
The Trout.



Krüger, jun. del.

J. G. Schmitt, sc.

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Natürliche Grösse.

SALMO FARIO.

Die Wald-oder Stein-forelle.



Krüger. Jun. del.

J. P. Schmidt. sc.

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*Natürliche Grösse.*

SALMO THYMALLUS.

*Die Aesche.*

*The Grayling.*



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*Verkleinert.*

*SALMO LAVARETUS.*  
*Der Schnäpel.*  
*Le Lavaret.*  
*The Gwiniad.*

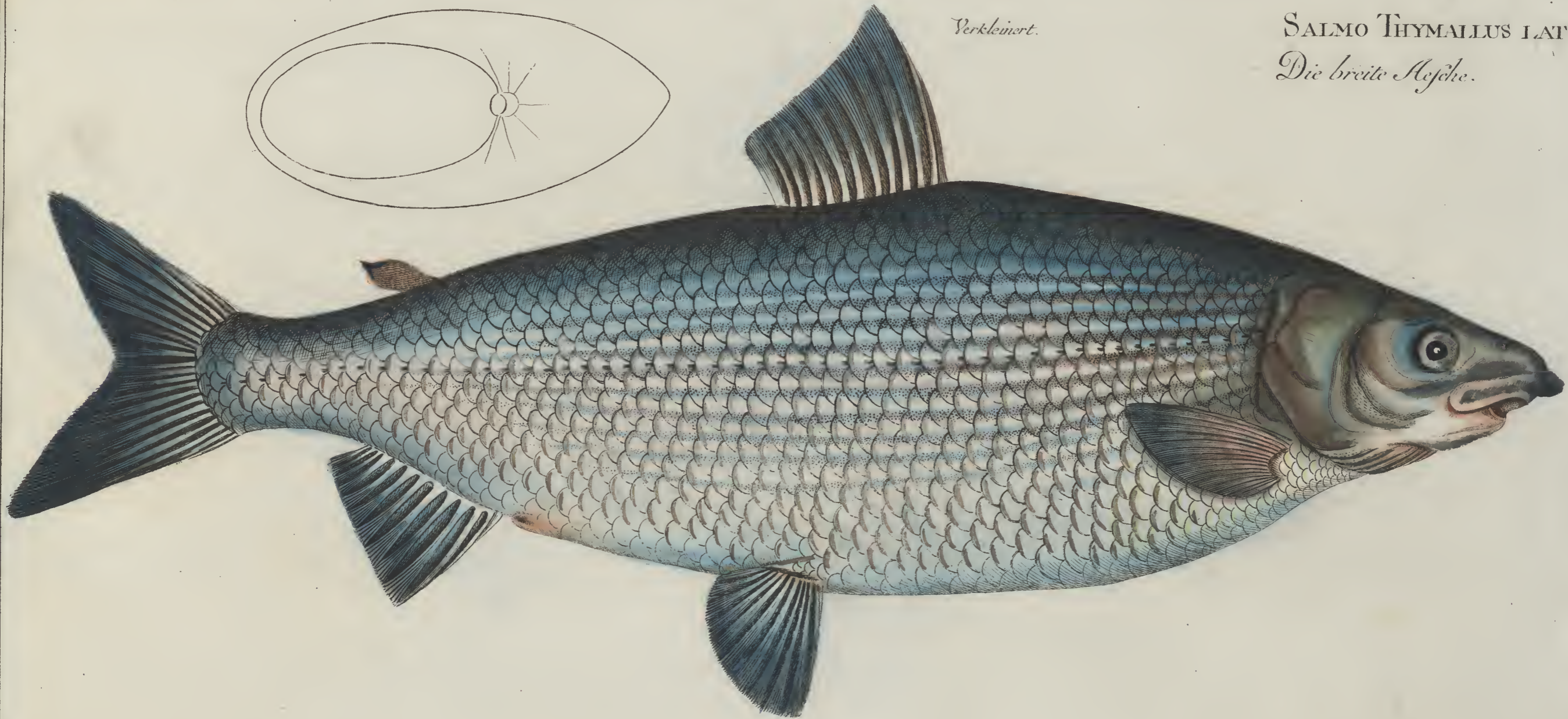


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*Verkleinert.*

SALMO THYMAILLUS LATUS.  
*Die breite Hejche.*



*Kruger, jun. del.*

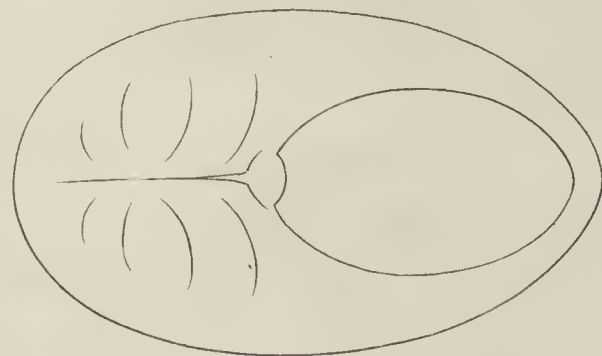
*J. P. Schmitt, sc.*

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SALMO MARÆNA  
Die grosse Maraene.

*Verkleinert.*



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Natürliche Größen.

Fig. 2.

SALMO EPERLANUS.

Der Stint.

L'Eperlan.

The Smelt.

Fig. 2.

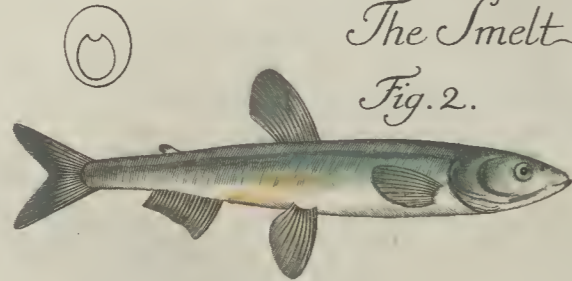


Fig. 1.

SALMO EPERLANO-MARINUS.

Der See-Stint.

Fig. 1.



Fig. 3.

Fig. 3.

SALMO MARÆNULA.

Die kleine Maraene.



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Fig:2.  
CLUPEA SPRATTUS.  
Der Breitling.  
The Sprat.

Natürliche Gröſſen.

Fig:1.  
CLUPEA HARENGUS.  
Der Hering.  
Le Hareng.  
The Herring.



Fig:1.

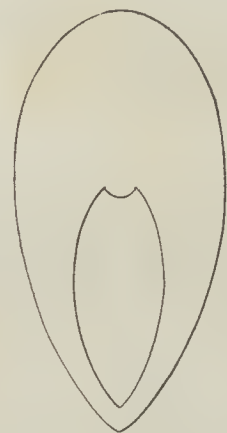


Fig 2.



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Fig:2.

CLUPEA ENCRASICOLUS.  
Der Anjovis.  
L'Anchois.  
The Anchovy.

Versleinert.

Fig:1.

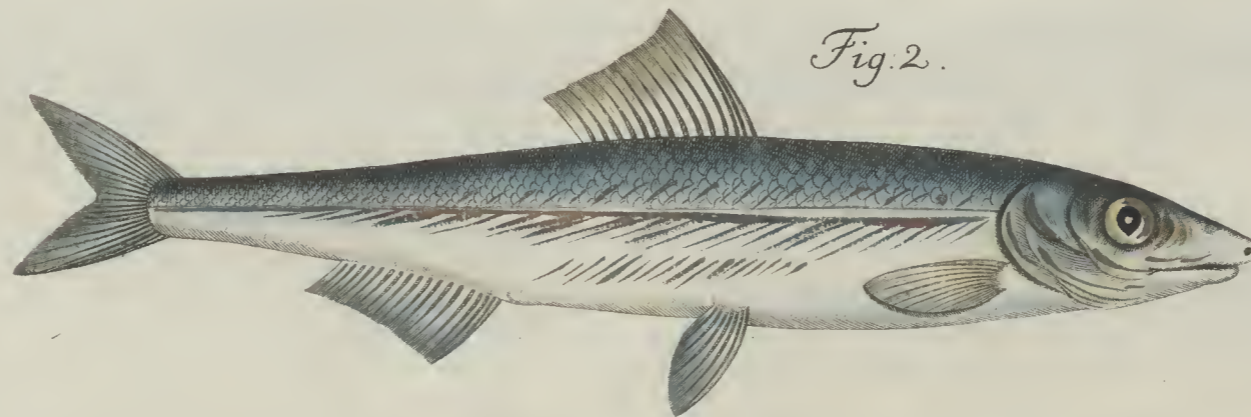
CLUPEA ALOSA.  
Die Alle.  
L'Alose.  
The Schad.

Fig:1.



Natürliche Grösse.

Fig:2.



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Natürliche Größen.

Fig. 1. COBITIS FOSSILIS.  
Der Schlampitzger.



Fig. 2. COBITIS TAENIA.  
Der Steinpitzger.



Fig. 3. COBITIS BARBATULA.  
Die Schmerl.  
La Loche.  
The Bearded.



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*Verkleinert.*

ESOX LUCIO.  
*Der Hecht.*  
*Le Brochet.*  
*The Pike.*

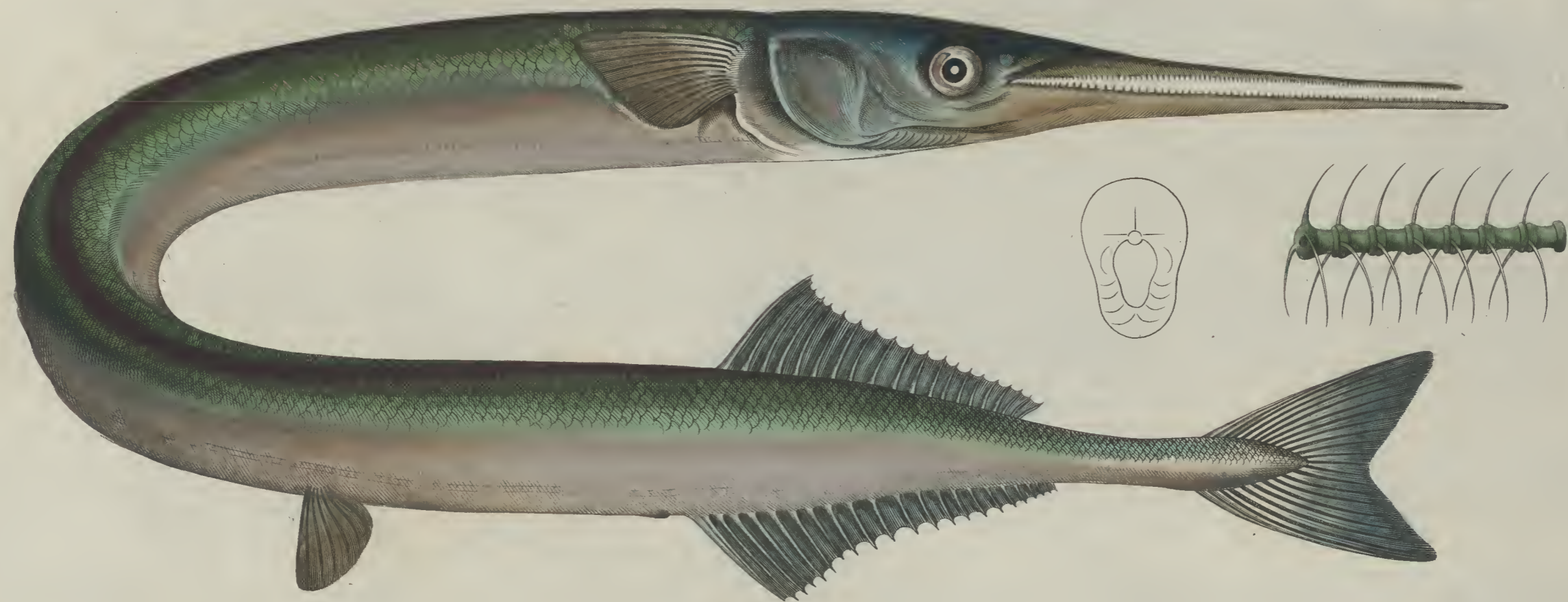


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*Verkleinert.*

E. SOX BELONE  
Der Hornhecht.  
L'Orphie.  
The Gar.



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SILURUS GLANIS.  
Der Wels.  
Le Silure.  
The Sheat-fish.

*Verrleinert.*



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Fig. 1. SILURUS CLARIAS.  
Der Langbart.

Fig. 3. SILURUS ASCITA.  
Der Platzbauch.



Fig. 1.



Fig. 2.



Fig. 7.



Fig. 6.

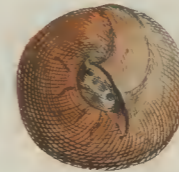


Fig. 5.

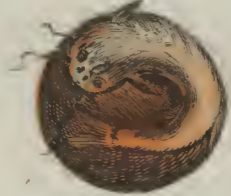


Fig. 3.



Fig. 4.

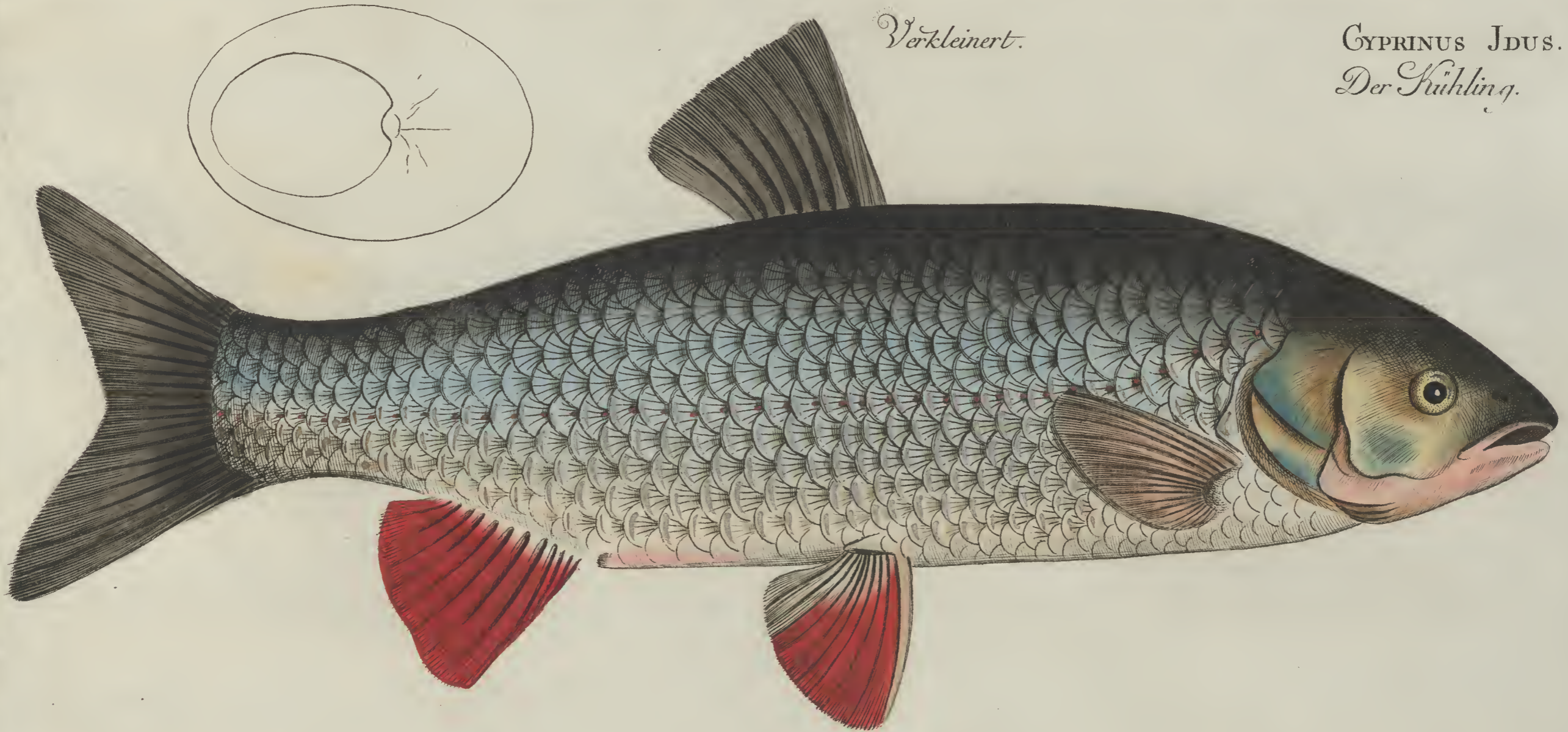


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*Verkleinert.*

CYPRINUS JDUS.  
*Der Kùhling.*



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*Verkleinert.*

CYPRINUS CULTRATUS.  
*Die Ziege.*



*Krieger jun. del.*

*J. G. Schmidt sc.*

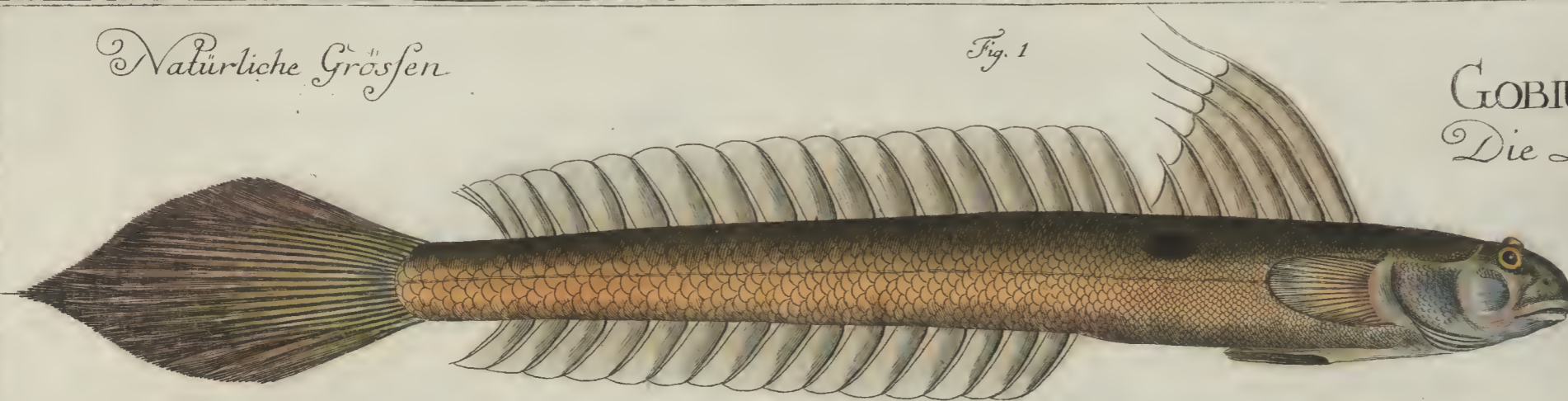
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Natürliche Gröſſen

Fig. 1

GOBIUS LANCEOLATUS.  
Die Lanzettgrundel.



GOBIUS NIGER.  
Die Meergrundel.  
Le' Boulerot.  
The Black = Goby.

Fig. 3.

Fig. 2.

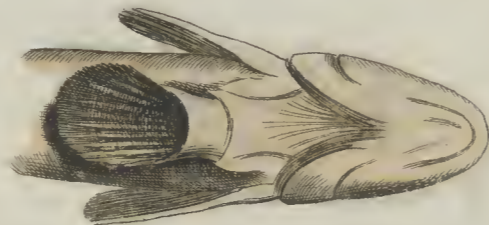


Fig. 4.

Fig. 6.



Fig. 5.



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COTTUS CATAPHRACTUS.  
Der Steinpicker.  
The Armed Bullhead.

Fig. 3.

Natürliche Gröſſen.

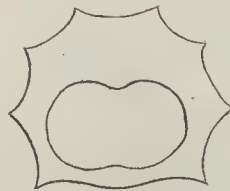


Fig. 4.



COTTUS LOBIO.  
Der Kaulkopf.  
Le Chabot.  
The River Bullhead.

Fig. 1.



Fig. 2.



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Natürliche Größe.

COTTUS SCORPIUS.  
Der See = Scorpion.  
La Scorpene.  
The Father Lascher.



Kruger jun. del.

10<sup>te</sup> Taf.  
C. L. Schmidt sc.

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Verkleinert

ZEVS FABER.  
Der Sonnensisch.  
La Doree.  
Ibe Doree.

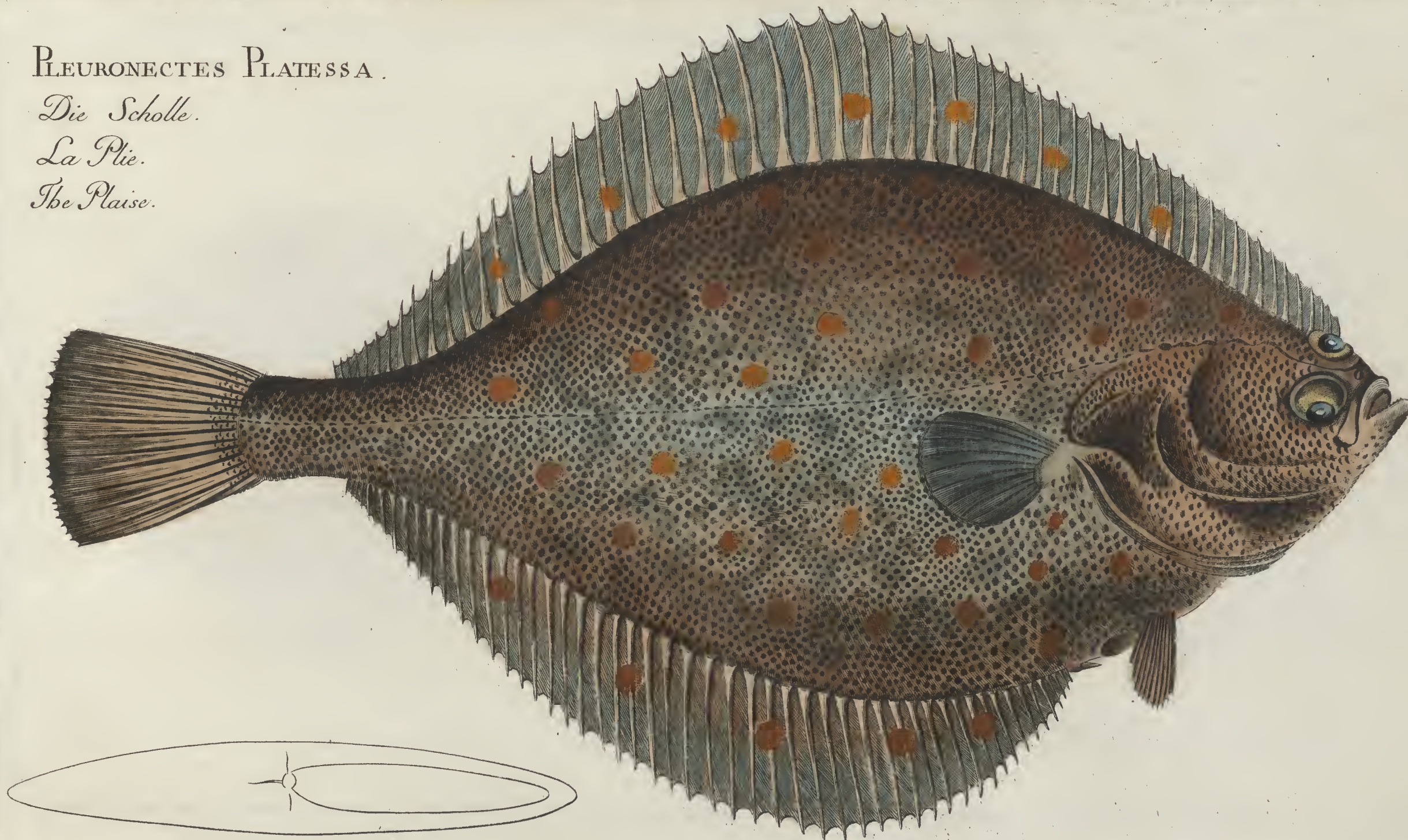


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PLEURONECTES PLATESSA.

Die Scholle.  
La Plie.  
The Plaise.



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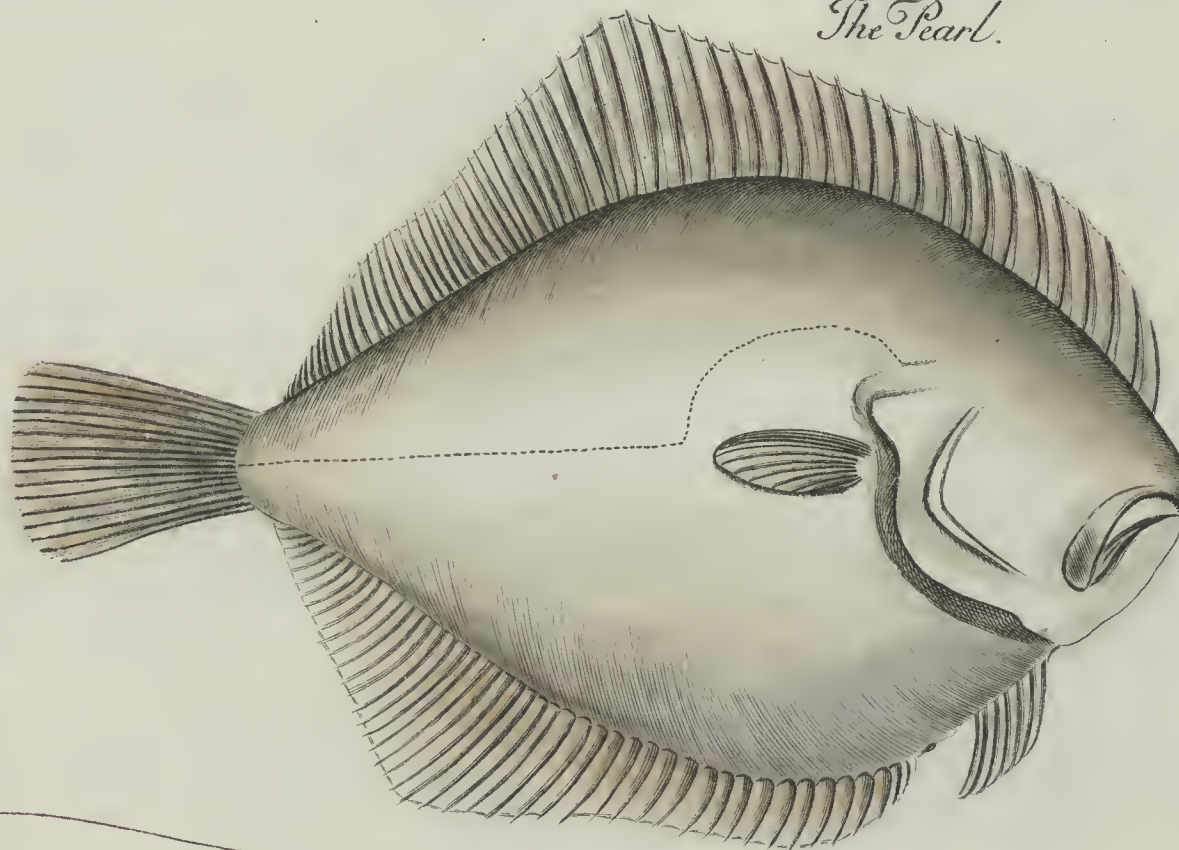
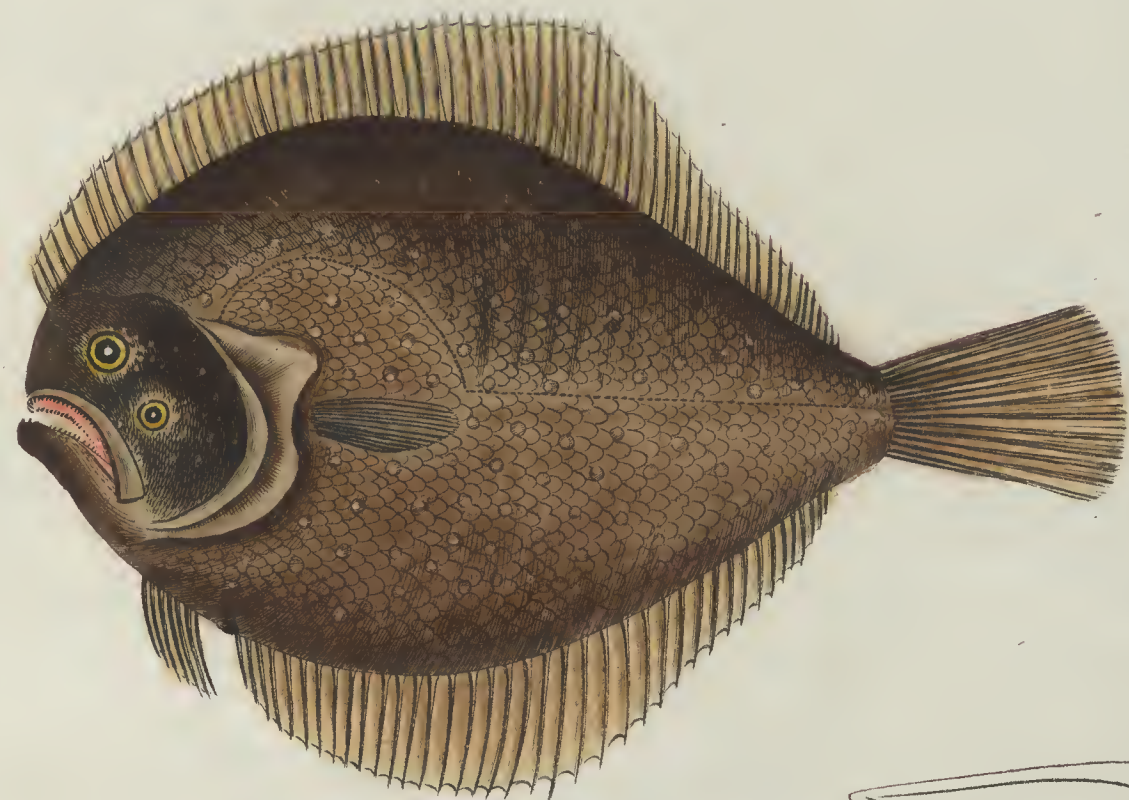
*Natürliche Grösse*

PLEURONECTES RHOMBUS.

*Das Viereck.*

*La Barbue.*

*The Pearl.*



*Krieger, jun. del.*

*13<sup>te</sup> Taf.*

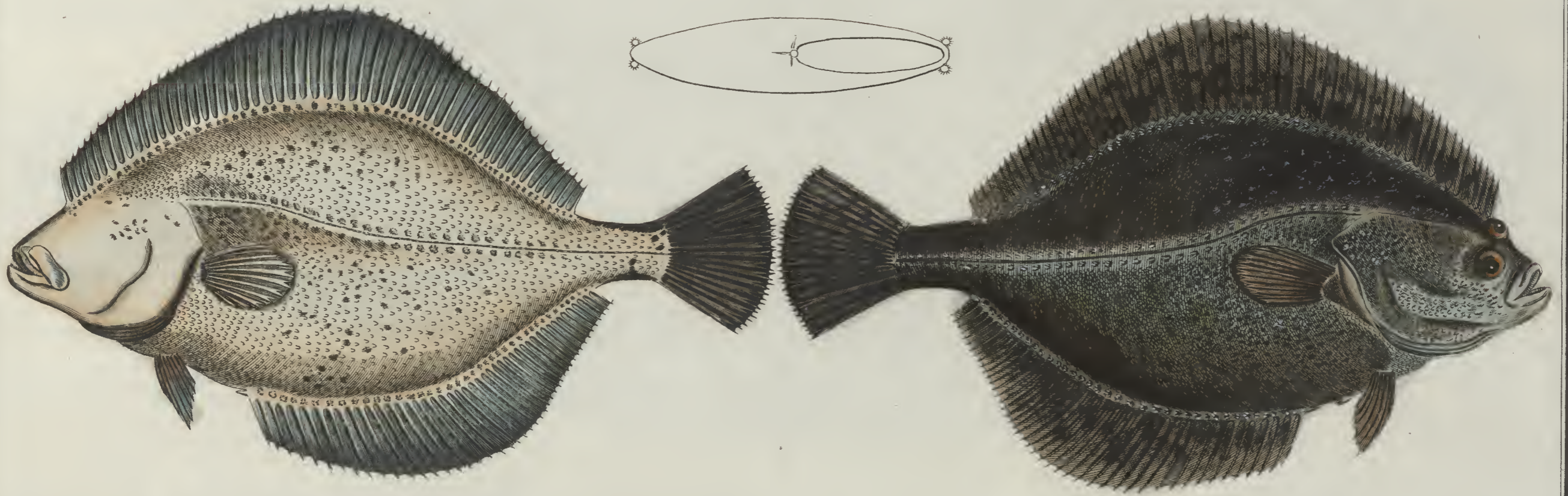
*J. G. Schmidt. sc.*

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Verkleinert.

PLEURONECTES FLEBUS.  
Der Theerbut od. Flunder.  
Le Flez.  
The Flounder.



Kruger jun. del.

44 1/2 Taf.

C. Ludwig Schmidt sc.

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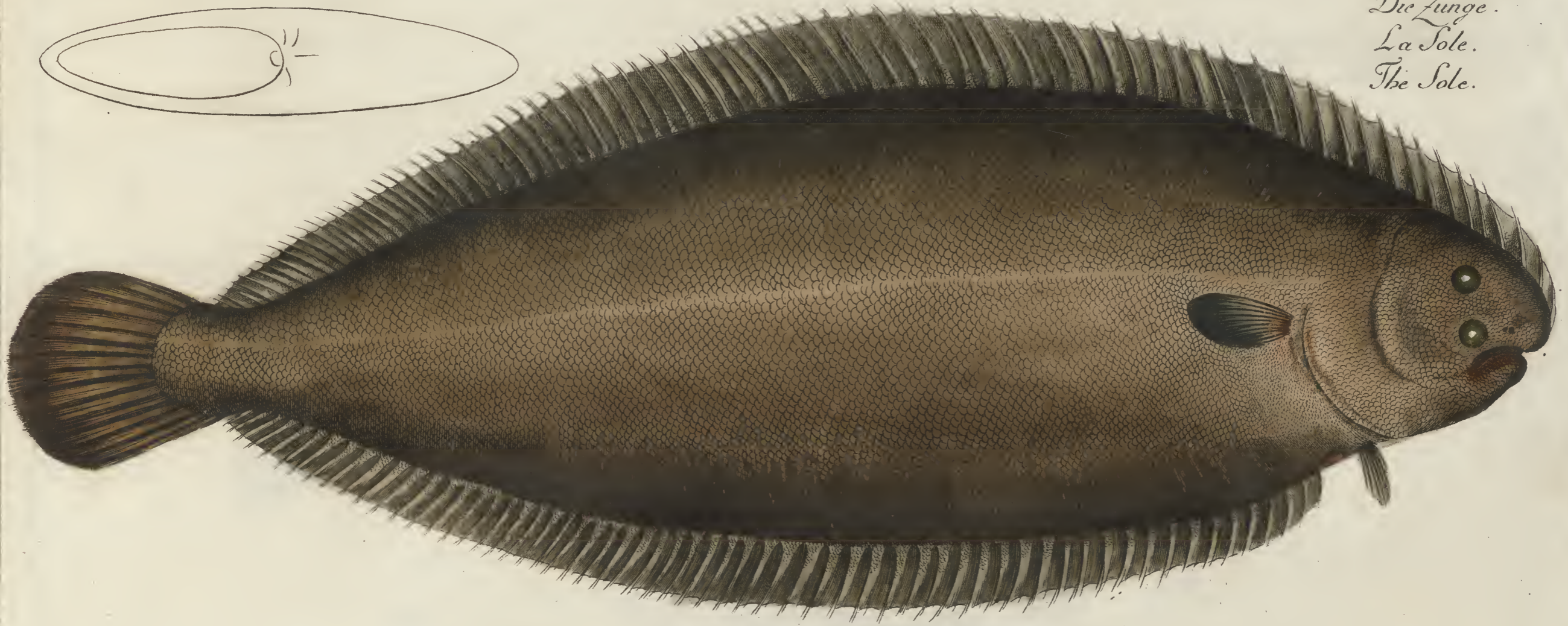
Verkleinert

PERONECTES SOLEA.

Die Zunge.

La Sole.

The Sole.



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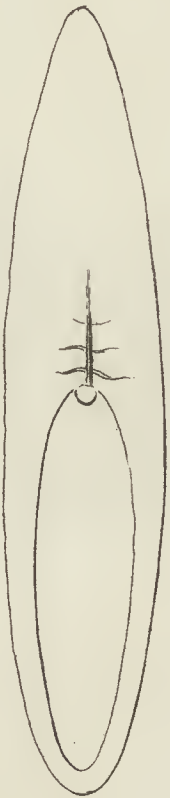
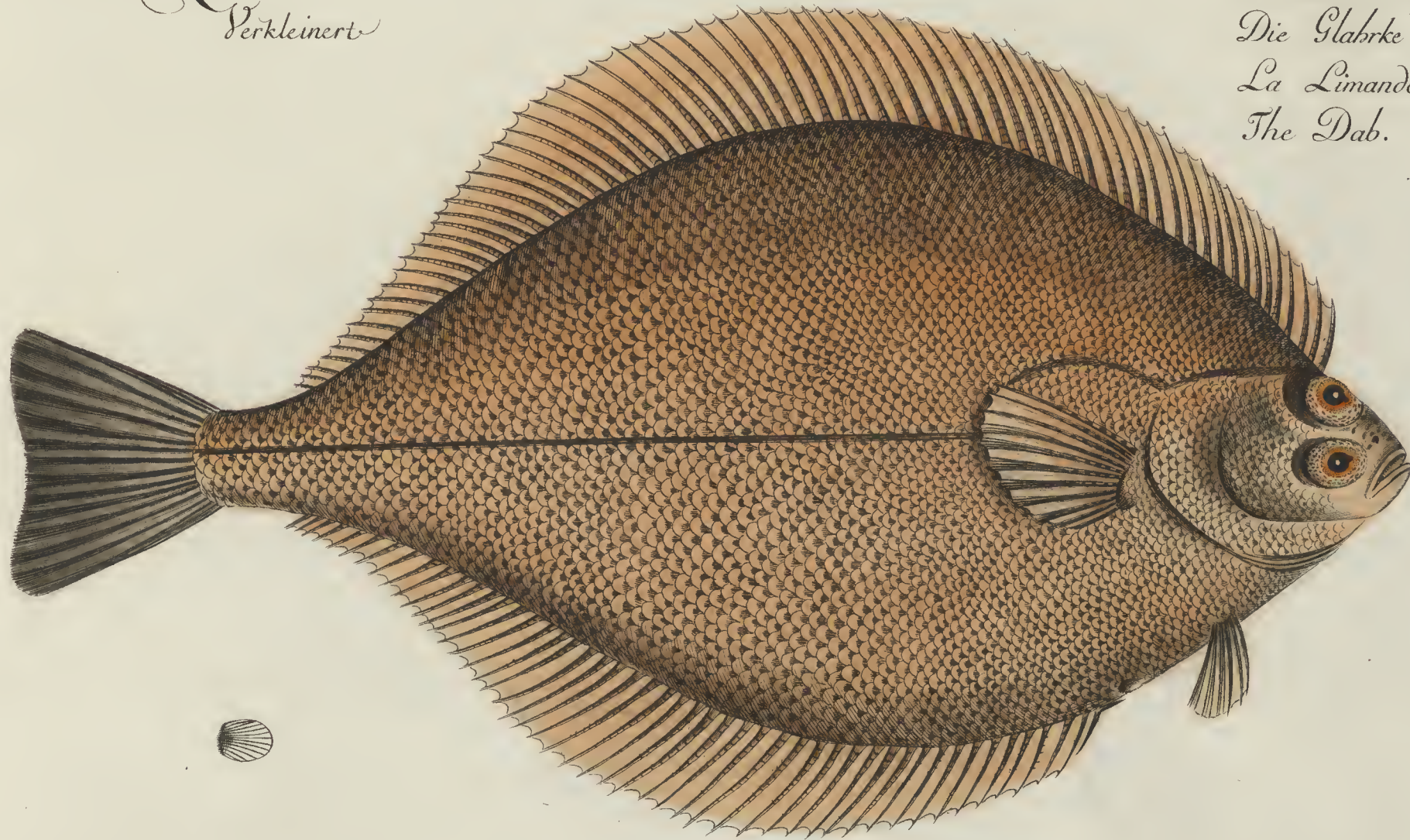
*Verkleinert*

PLEURONECTES LIMANDA.

*Die Glabrke od. Nliesche.*

*La Limande.*

*The Dab.*



*Konig*

*J. G. Schmidt. Sc.*

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*Verkleinert.*

PLEURONECTES HIPPOGLOSSUS

*Der Heilige Butt.*

*The Holybut.*

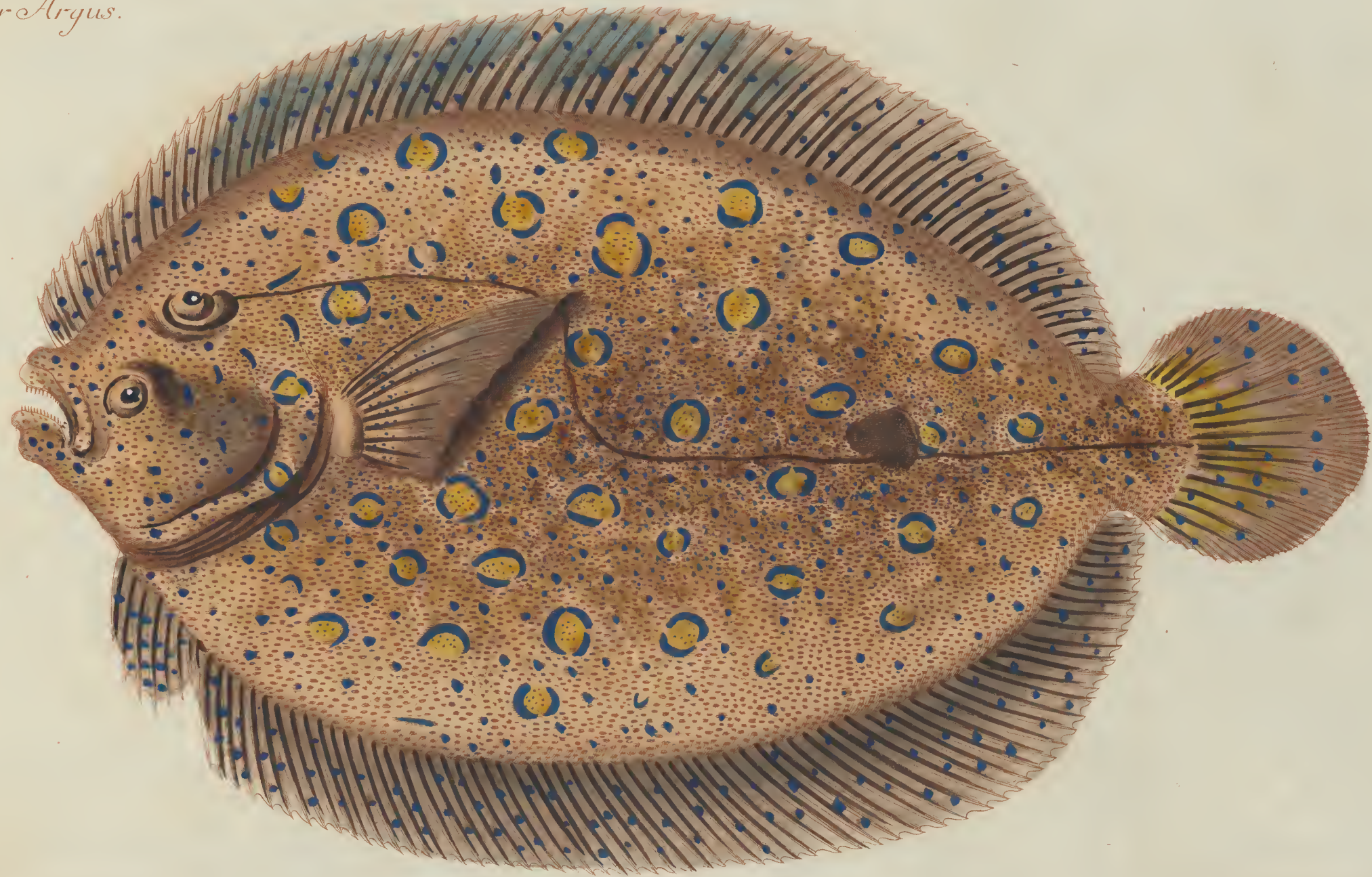
*Le Fletan.*



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PLEURONECTES ARGUS.  
*Der Argus.*



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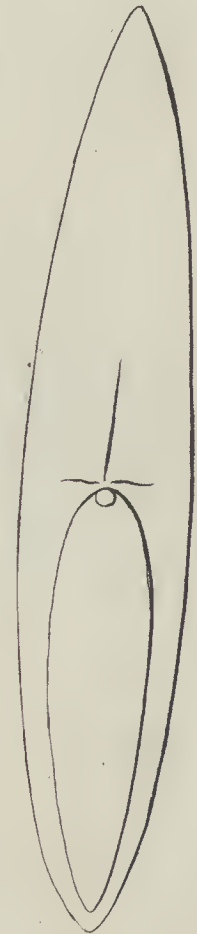
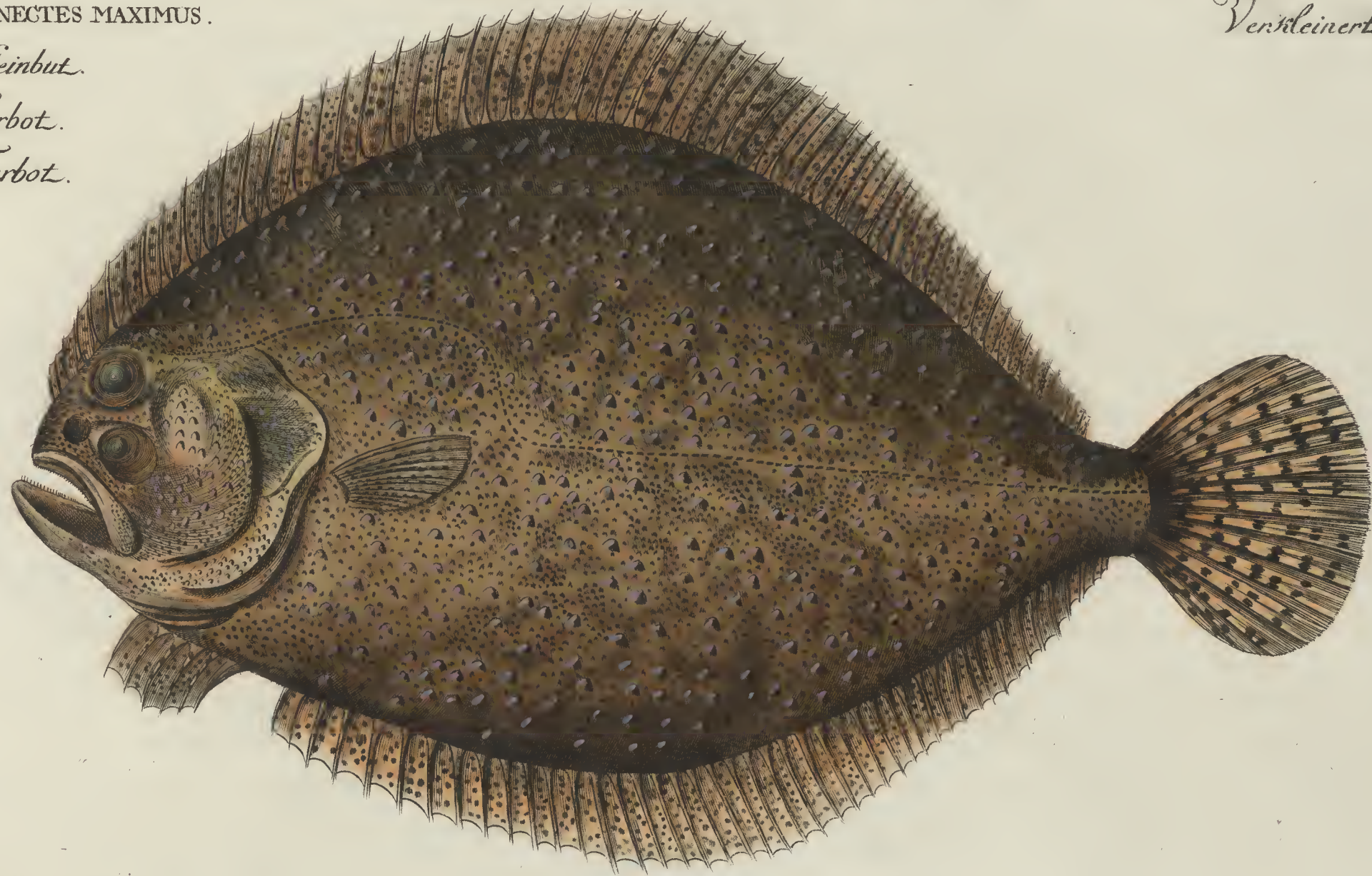
PLEURONECTES MAXIMUS.

Der Steinbut.

Le Turbot.

The Turbot.

Verkleinert.



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PLEURONECTES PASSER.  
*Der Lincke Stachelflunder.*

*Verkleinert.*

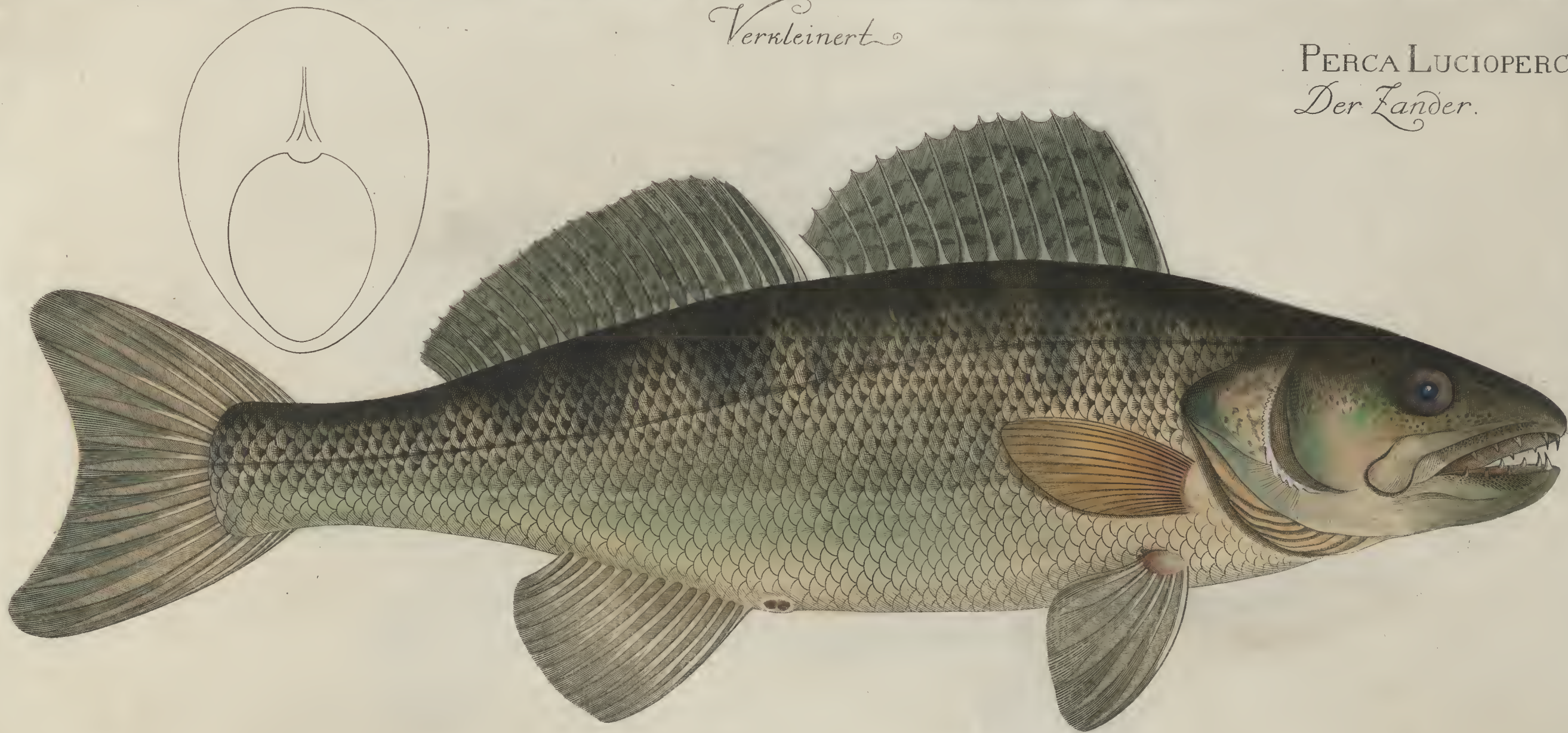


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Verkleinert

PERCA LUCIOPERCA.  
Der Zander.



51<sup>te</sup> Taf.

Krüger. jun. del.

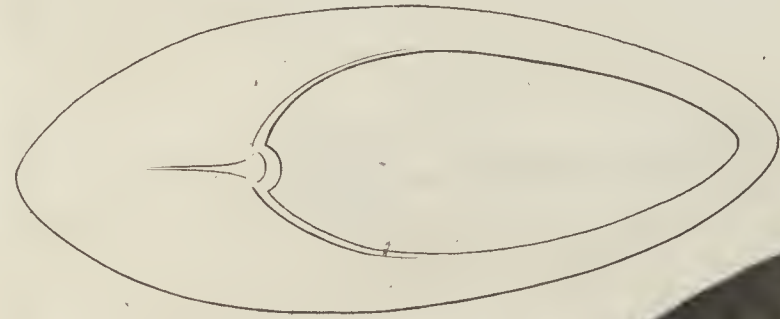
G. Bodenehr. sc.

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Natürliche Grösse.

PERGA FLUVIATILIS.  
Der Barsch.  
La Perche.  
The Perch.



52te Taf.

Krüger, jun. del.

G. Bodenehr, sc.

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Natürliche Gröſſen.



Fig: 1.

Fig: 1.  
GASTEROSTEUS SPINACHIA  
Der Dornfiſch.  
The Fifteen Spined Sideback  
Fig: 2.



Fig: 2.

PERCA CERNUA.  
Der Kaulbarsch  
Fig: 3.

GASTEROSTEUS ACULEATUS.  
Der Stichelſing.  
L'Espinoche.  
The Stickleback.  
Fig: 4.



Fig: 4.

Fig: 3.



GASTEROSTEUS PUNGITIUS.  
Der Kleine See-Stichelſing.  
La petite Espinoche.  
The lesser Stickleback.

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*Verkleinert*

SCOMBER SCOMBER .  
Die Macrele .  
Le Macreau .  
The Macrel



54<sup>te</sup> Taf.

Krüger. jun. del.

G. Bodenehr. sc.

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Verkleinert

SCOMBER THYNNUS.  
Der Thunfisch.  
Le Thon.  
The Tunny.



55<sup>te</sup> Tafel.

Krieger jun del.

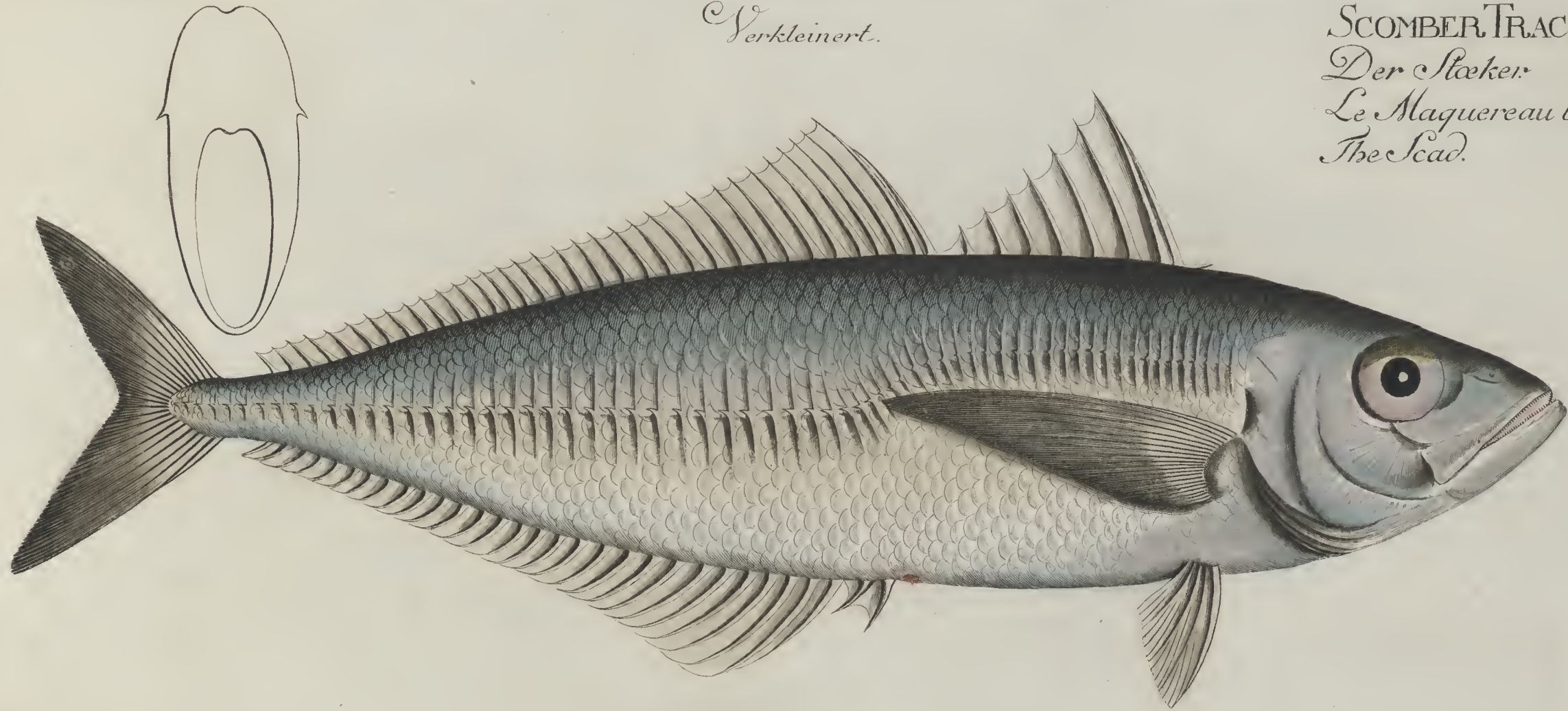
Ludwig Schmidt sc.

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*Verkleinert.*

SCOMBER TRACHURUS.  
Der Stöcker.  
Le Maquereau bâtard.  
The Scad.



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Natürliche Grösse.

MULLUS SURMULETUS.  
Der grosse Rothbart.  
Le Surmulet.  
The Striped Surmulet.



Kürger jun. del.

57. Tafel.

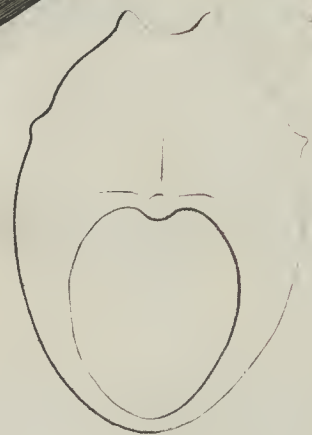
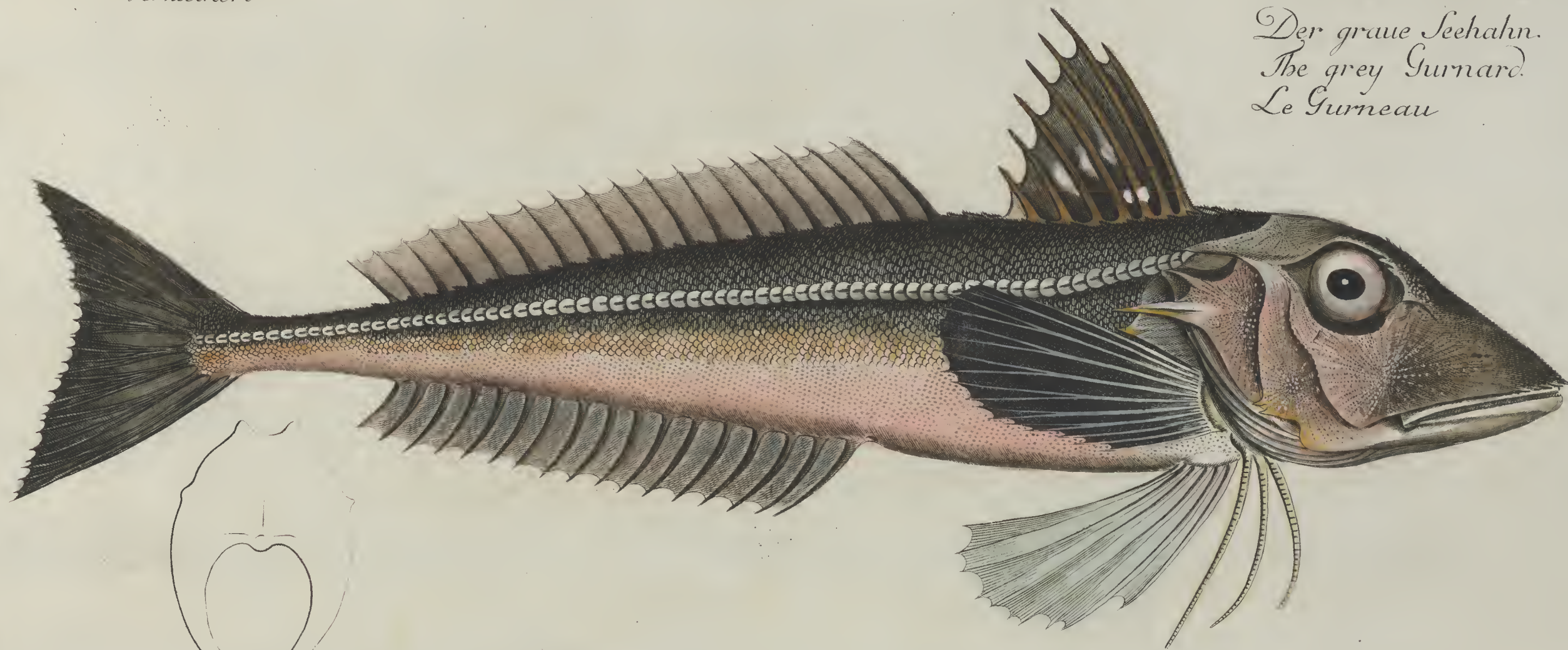
Ludwig Schmidt sc.

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Verkleinert

TRIGLA GURNARDUS.  
Der graue Seehahn.  
The grey Gurnard.  
Le Gurneau



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Natürliche Größe

TRIGLA CUCULUS  
der Rothe Seehahn  
le Rouget  
the Red Gurnard



Kröger junior del.

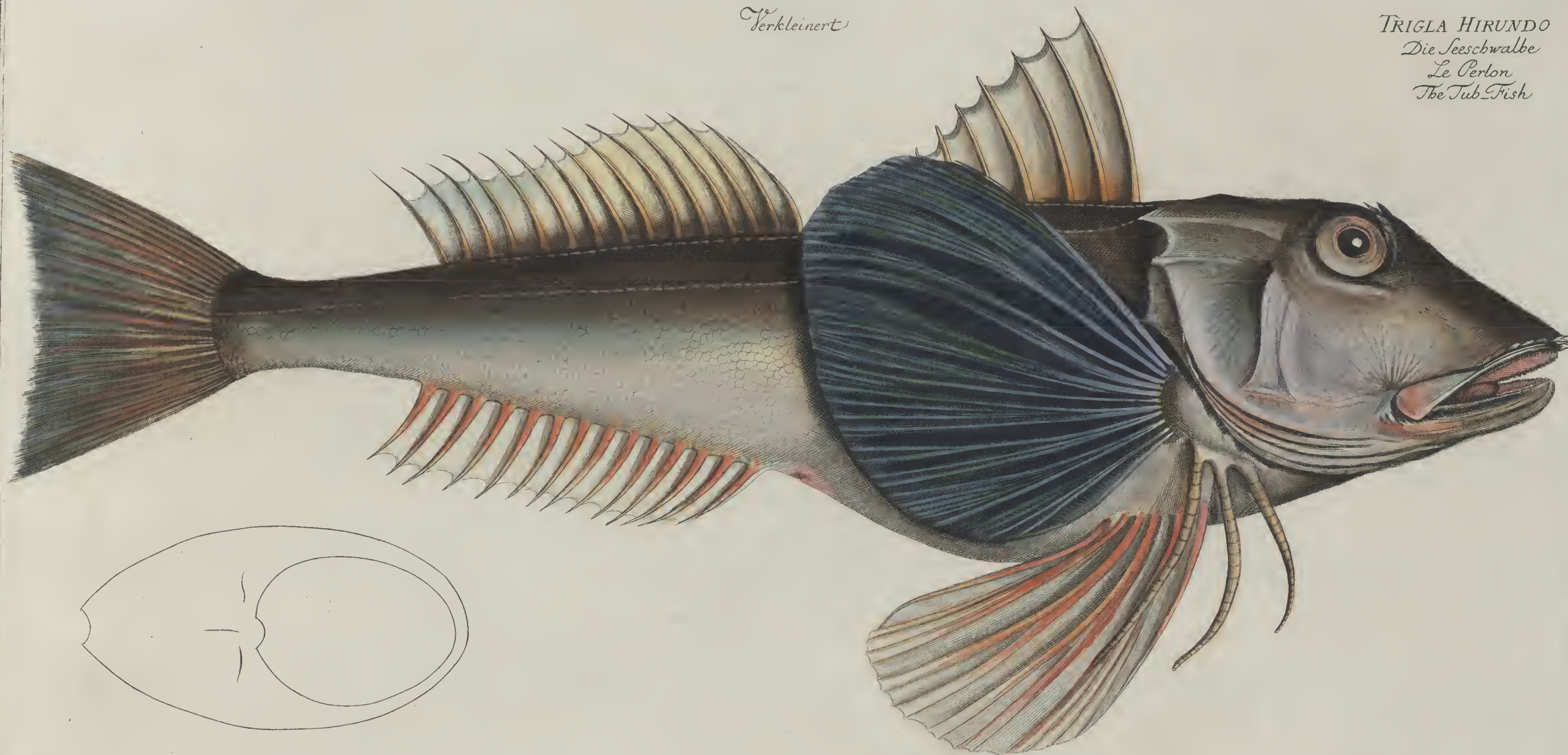
59<sup>te</sup> Tafel.  
Bodmehr Sculpo.

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Verkleinert

TRIGLA HIRUNDO  
Die Seeschwalbe  
Le Perlon  
The Tub Fish



Trigla junior del.

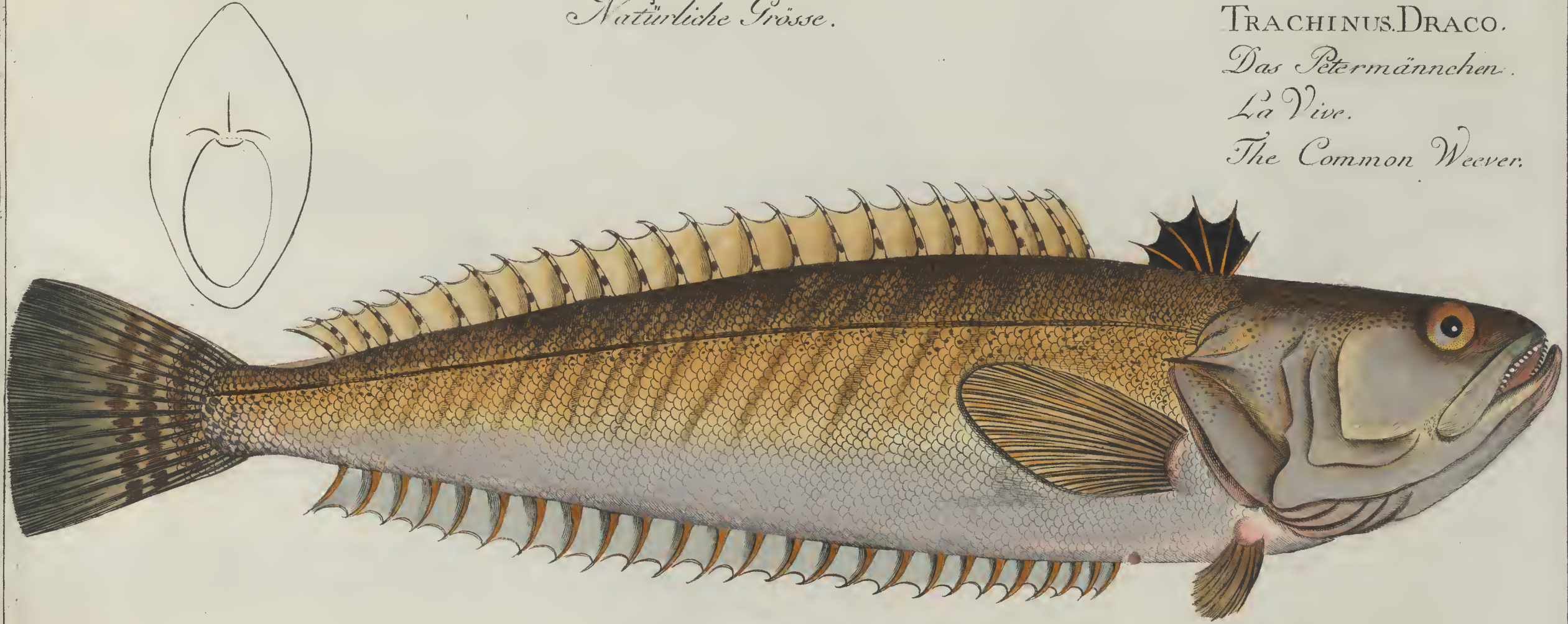
60. Taf.  
F.G. Berger Sculpsect.

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PAGE**



*Natürliche Grösse.*

TRACHINUS. DRACO.  
Das Petermännchen.  
La Vive.  
The Common Weever.



Kröger jun. del.

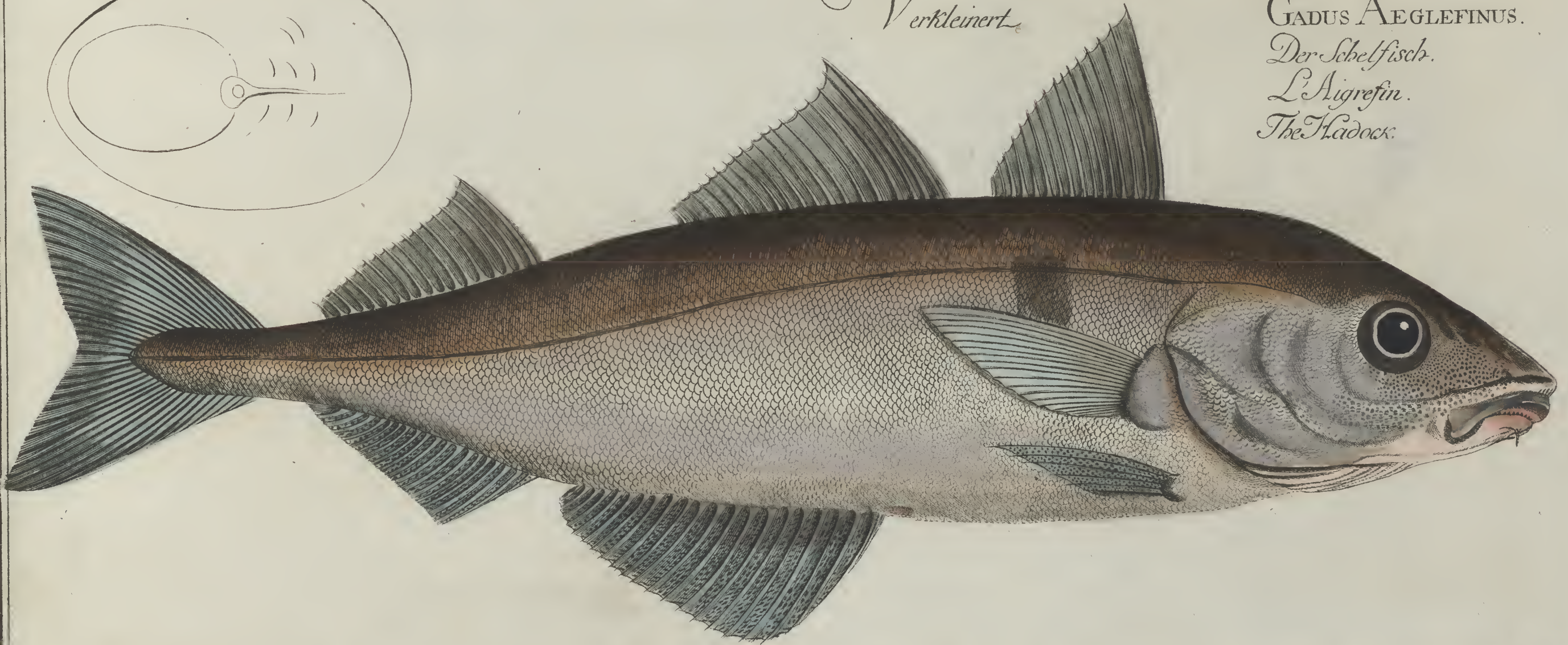
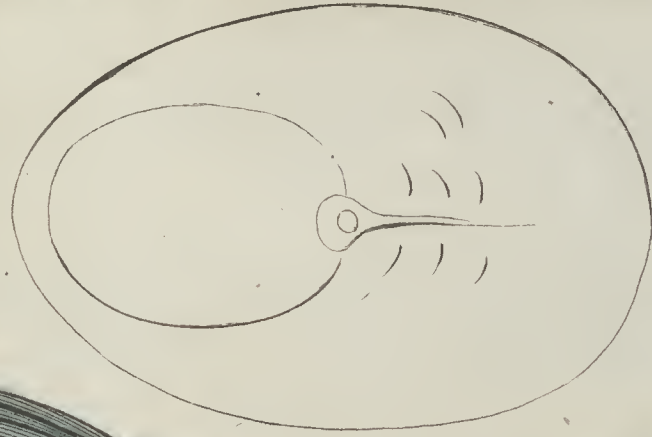
61<sup>te</sup> Tafel.  
W. Schmitz sc.

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Verkleinert

GADUS AEGLEFINUS.  
Der Schelfisch.  
L'Aigrefin.  
The Haddock.

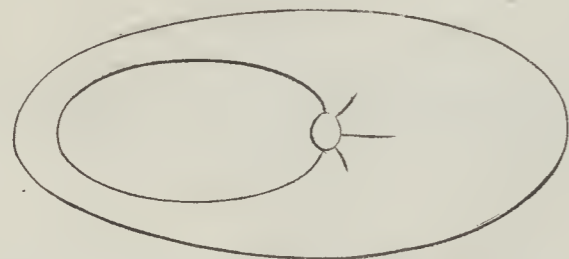


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Verkleinert

GADUS: CALLARIAS.  
Der Dorsch.



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*Verkleinert.*

GADUS MORHUA.  
*Der Kabeljau.*  
*La Morue.*  
*The Cod Fish.*



*Stricker jun. del.*

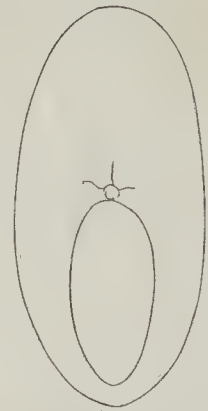
64<sup>te</sup> Tafel.  
*F. W. Schmidt sc.*

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PAGE**



*Verkleinert*

*GADUS MERLANGUS*  
*Der Wittling*  
*Le Merlan*  
*The Whiting*



*Bücher jun. del.* — *Berger senior. Sc.*

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PAGE**



Verkleinert

GADUS CARBONARIUS.

Der Köhler.

Le Colin.

The Coal Fish.



66<sup>te</sup> Tafel.

F. W. Schmidt sc.

Krüger jun. del.

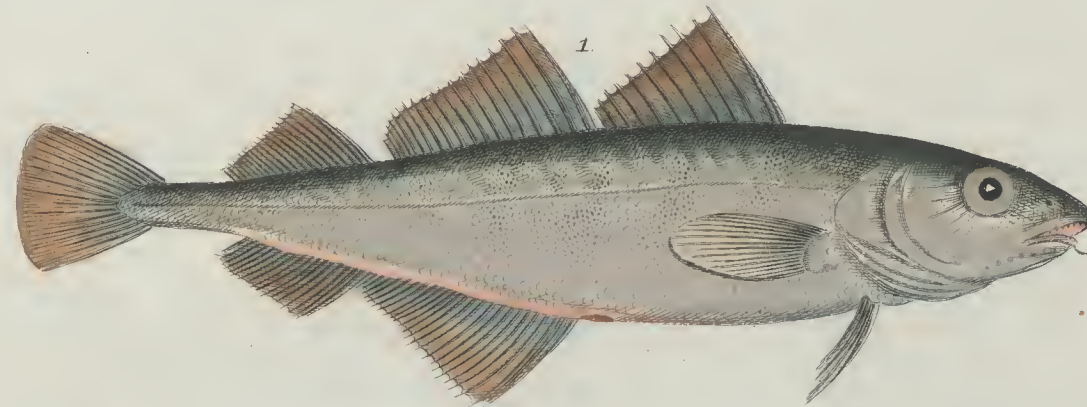
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Natürliche Gröſſen

Fig. 1. *GADUS MINUTUS*  
der Zwergdorsch  
l'Officier  
the Poor

Fig. 2. 3. *GADUS TAU*  
der Krötenfisch.



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Verkleinert.

GADUS POLLACHIUS.  
Der Pollac.  
Le Lieu.  
The Pollack.



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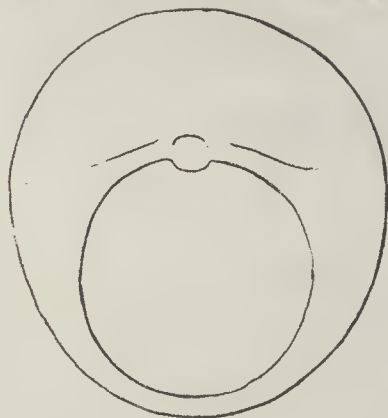
Verkleinert

GADUS MOLVA

Der Leng.

The Ling.

La Lingue.



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*Verkleinert.*

GADUS LOTA.  
Die Quappe.  
La Lote.  
The Burbot.



*Kröger jun del.*

70<sup>te</sup> Tafel

*F. W. Schmidt, jungr.*

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Fig. 1. BIENNIUS GUNELLUS.  
Der Butterfisch.  
The Butterfish.

Natürliche Gröſſen.

Fig. 2. BIENNIUS PHOLIS.  
Die Mærlerche.  
La Perceperre.  
The Bulcard.

Fig. 2.



Fig. 3.



Fig. 1.

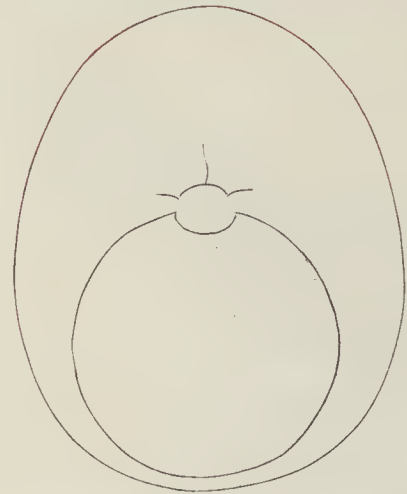


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Natürliche Größe

BLENNIUS VIVIPARUS  
Die Aalmutter  
The Viviparous Blenny



L. J. G. J. del.

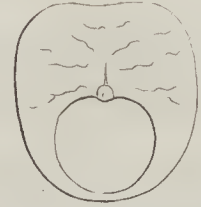
72<sup>te</sup> Taf.

F. G. Berger Sculpit.

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*c* *verkleinert.*



*MURAENA ANGUILLA.*  
*Der Aal.*  
*L'Anguille.*  
*The Eel.*



73. *te* *Tafel.*

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PAGE**



Verkleinert

ANARHICHAS LUPUS.  
Der Seewolf.  
Le Loup Marin.  
The Wolf fish.

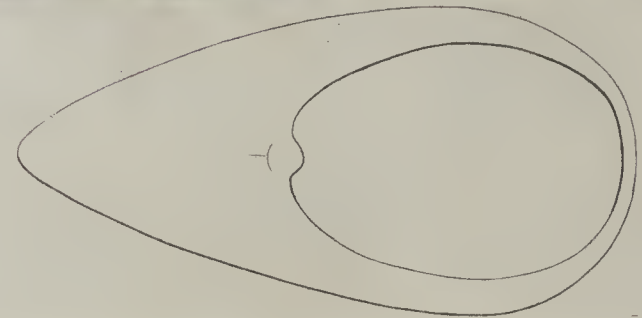
Fig: 1.



Fig: 2.



Fig: 3.



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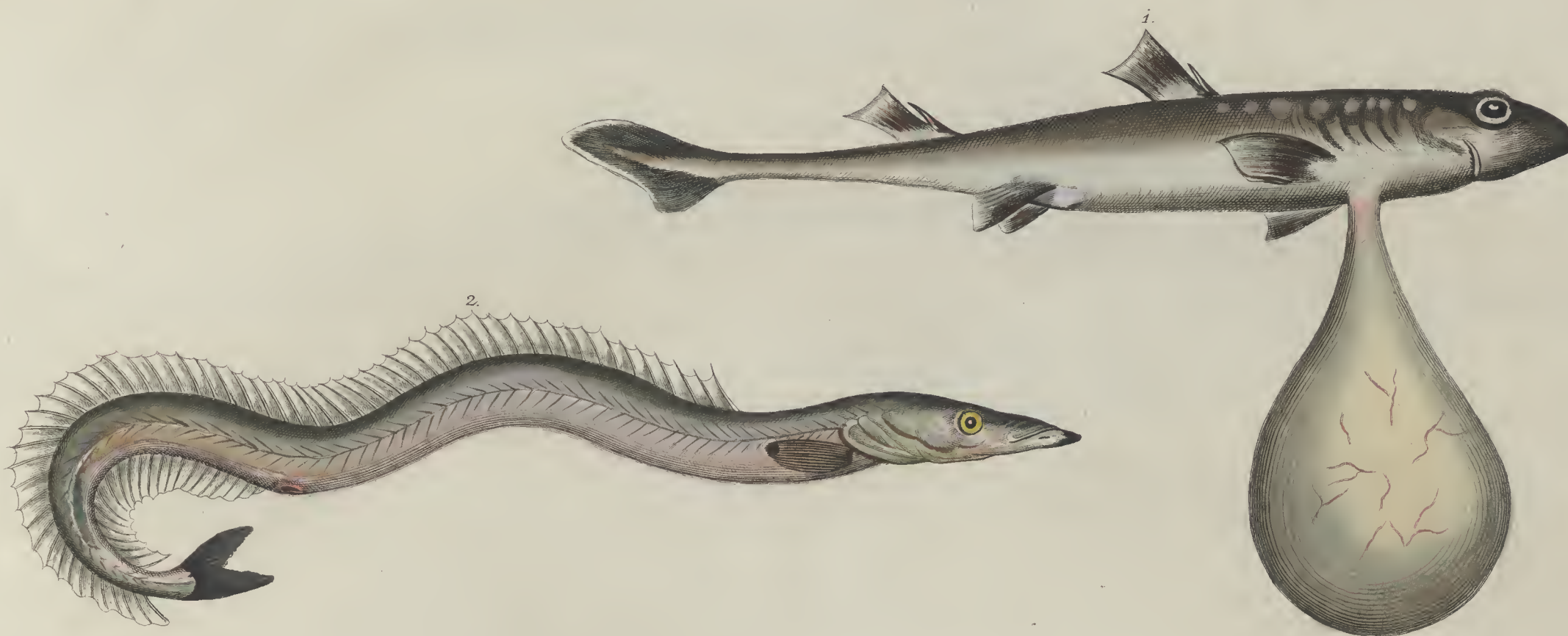


2. *AMMODYTES TOBIANUS*

Der Sandaal.  
Le Lancon.  
the Launce.

1. *EMBRIO SQUALI*

Ein ungebohrner Haaijfish.

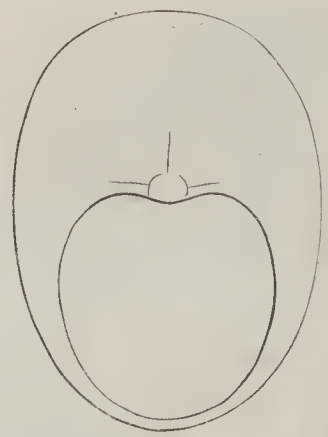


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XIPHIAS GLADIUS.  
Der Schwerdtfisch:  
L'Empereur.  
The Sword-Fish.

Verkleinert.



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*Verkleinert.*

PETROMIZON MARINUS  
*Die Lamprole.  
La Lamproie.  
The Lumprey.*



*Kruger pinxit.*

77<sup>te</sup> Tafel.  
*J. W. Schmidt sculp.*

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Fig: 3.

Fig: 2.

Fig: 1.

Natürliche Größen.

PETROMYZON PLANERI.  
Das kleine Neunauge.

PETROMYZON BRANCHIALIS.  
Der Querder.  
Le Lamprillon  
Ibe Pride.

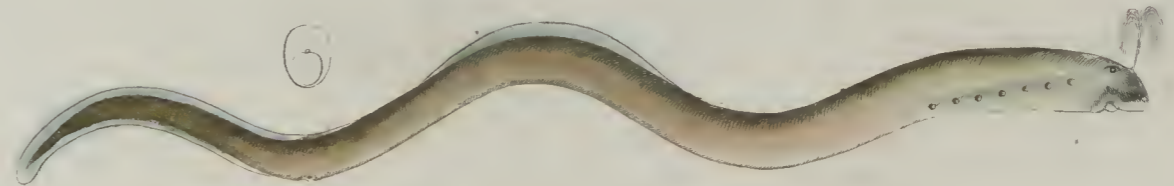
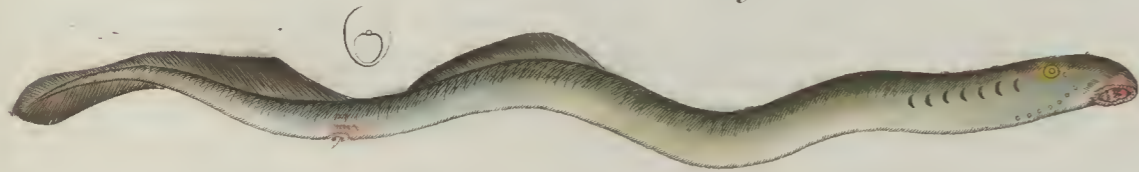
PETROMYZON FLUVIATILIS.  
Neunauge.  
La Lamproie.  
Ibe Lesser Lamprey.



Fig: 1.

Fig: 3.

Fig: 2.

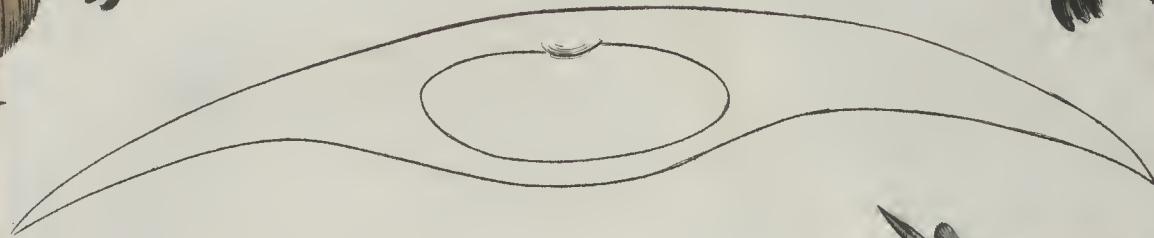




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*Verkleinert.*

RAJA BAFIS.  
Der Glatroche.  
La Raie cendrée.  
The Skate.

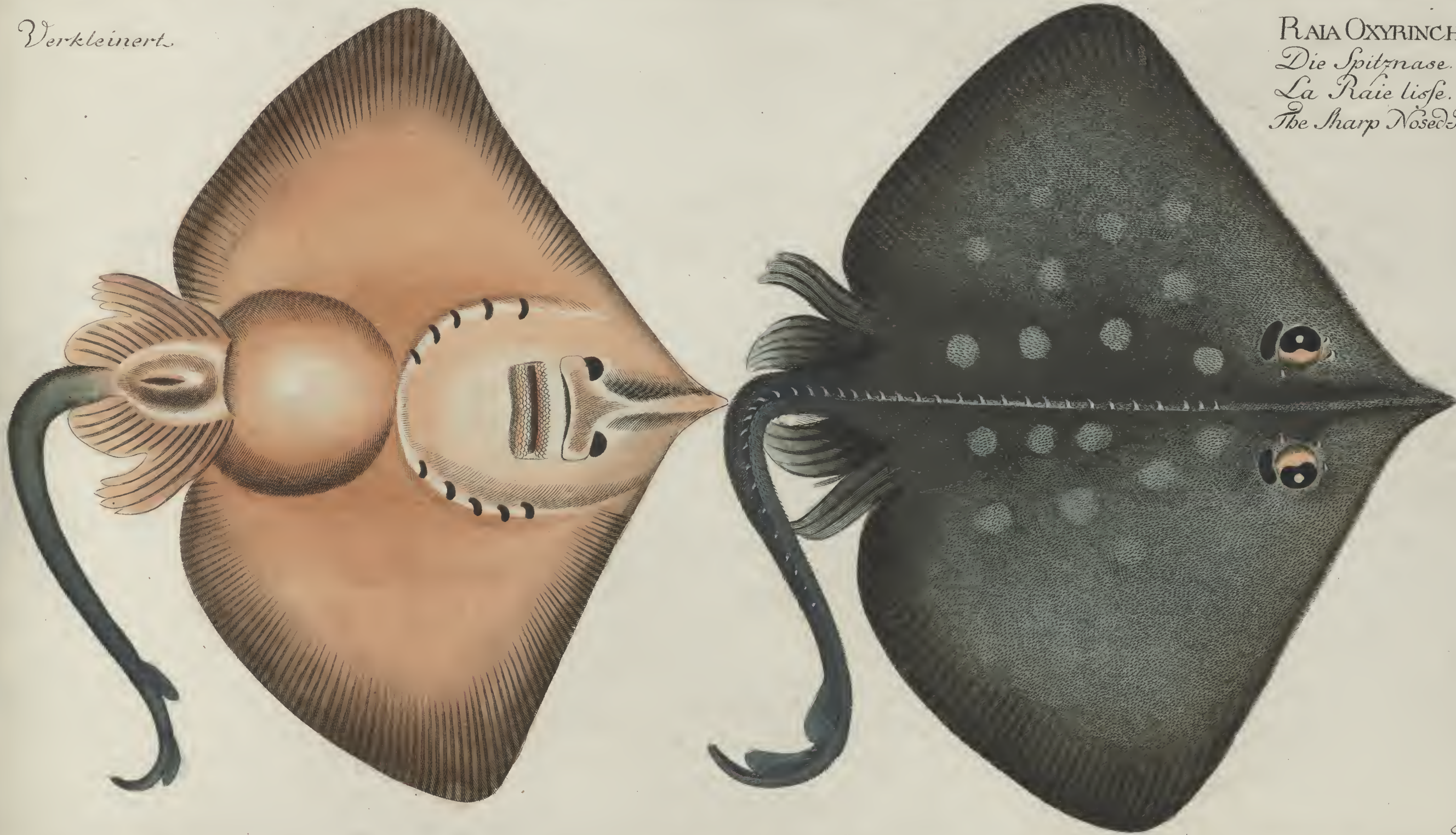


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Verkleinert.

RAIA OXYRINCHUS  
Die Spitznase.  
La Raie lisse.  
The Sharp Nosed Ray.



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Verkleinert.

RAJA AQUILA.  
Der Meeradler.  
L'Aigle Poison.



81. Taf.

Ludwig Schmidt sc.

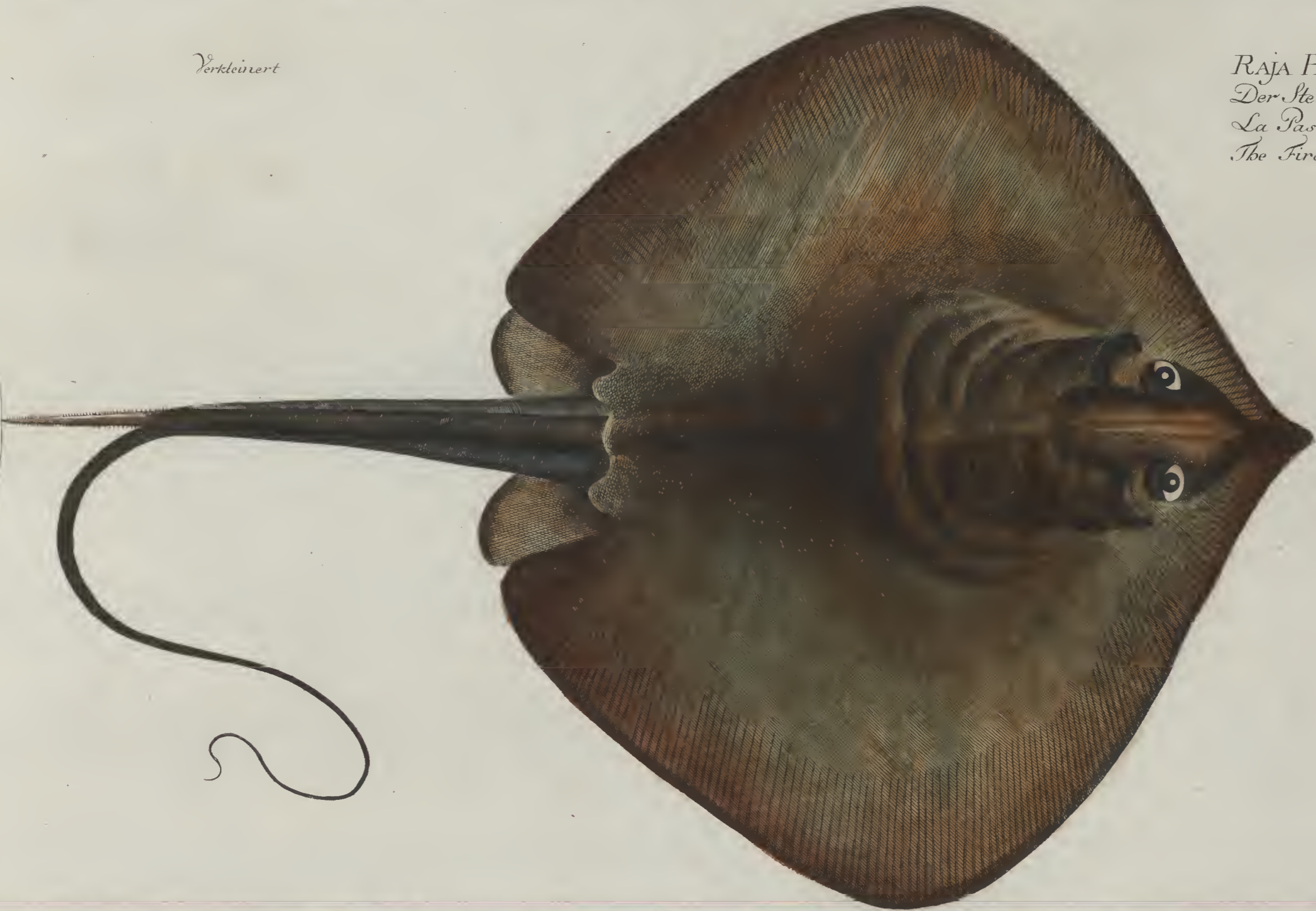
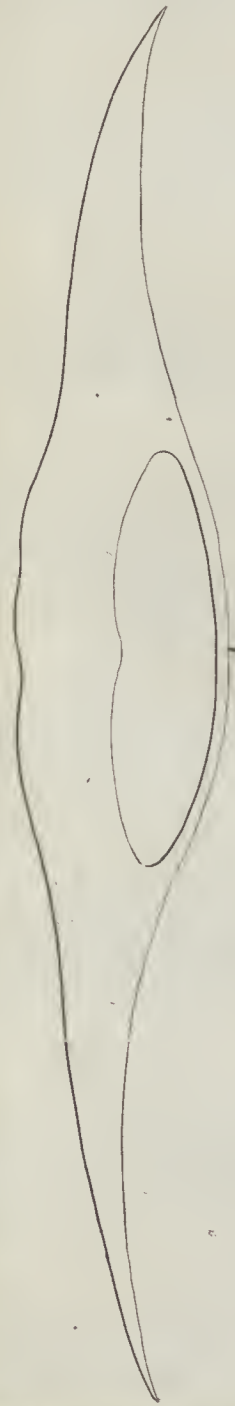
1771 Jun. 26



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Verkleinert

RAJA PASTINACA.  
Der Stechroche.  
La Pastenague.  
The Fire Flaire.

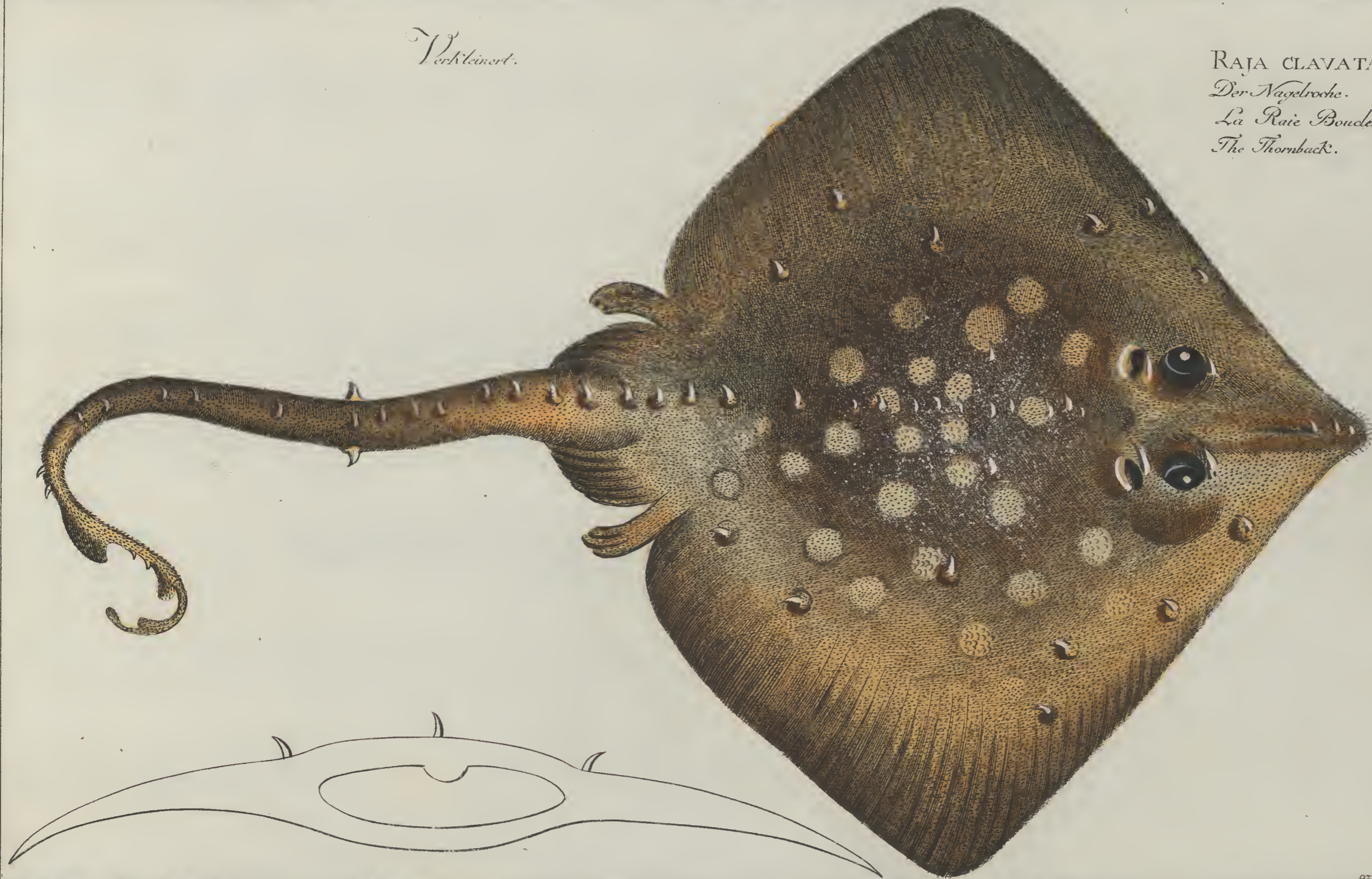




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Verkleinert.

RAJA CLAVATA.  
Der Nagelroche.  
La Raie Boudée.  
The Thornback.



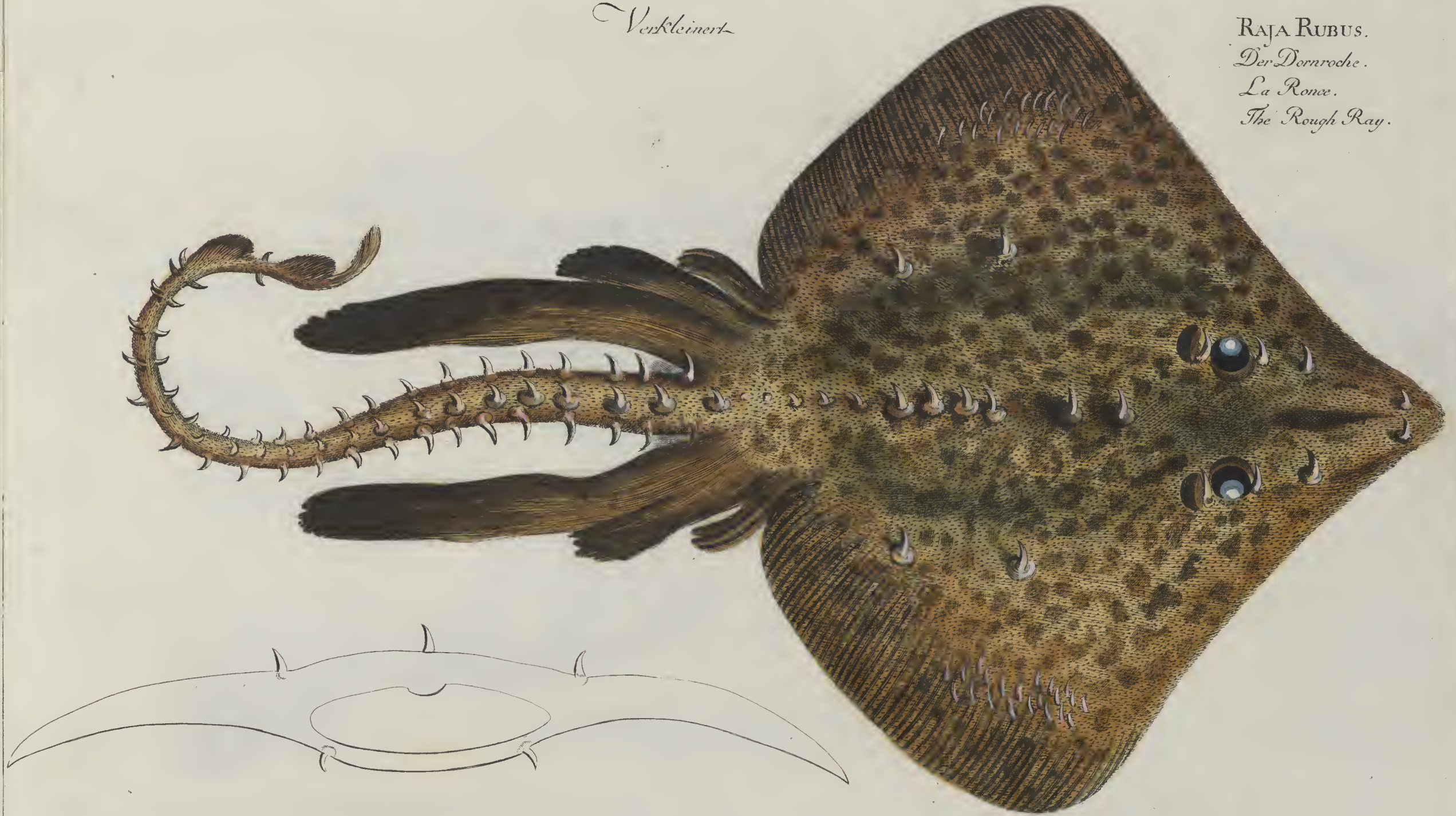
25 2. Tafel.



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Verkleinert

RAJA RUBUS.  
Der Dornroche.  
La Ronce.  
The Rough Ray.





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*Verkleinert.*

*SQUALUS ACANTHIAS.*  
*Der Dornbaay.*  
*Le Requin.*  
*The Picked Dog.*



*Krüger jun. del.*

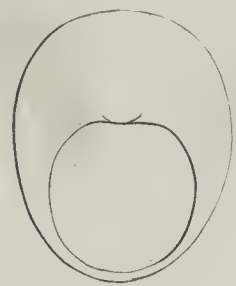
*85 Taf.*  
*F. Berger Sc.*



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Verkleinert

SQUALUS GLAUCUS.  
Der blaue Hai.  
Le Cagnot bleu.  
The Blue Shark.

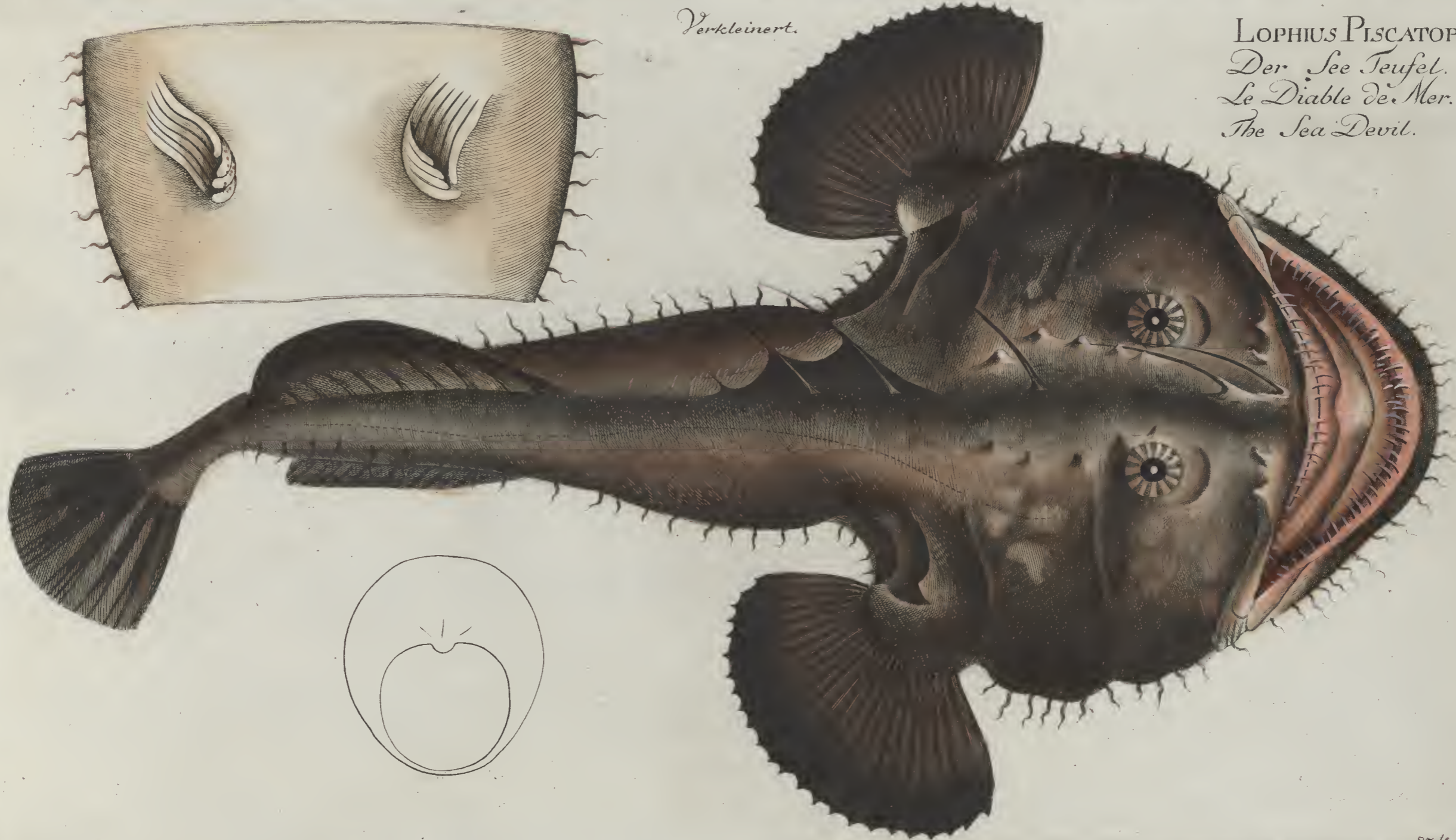




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Verkleinert.

LOPHIUS PISCATORIUS.  
Der See Teufel.  
Le Diable de Mer.  
The Sea Devil.



87<sup>te</sup> Tafel.

Ludwig Schmidt Jr.



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Verkleinert.

ACIPENSER STURIO.  
Der Stoen  
L'Esturgeon.  
The Sturgeon.





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Verkleinert.

ACIPENSER RUTHENUS  
Der Sterlet





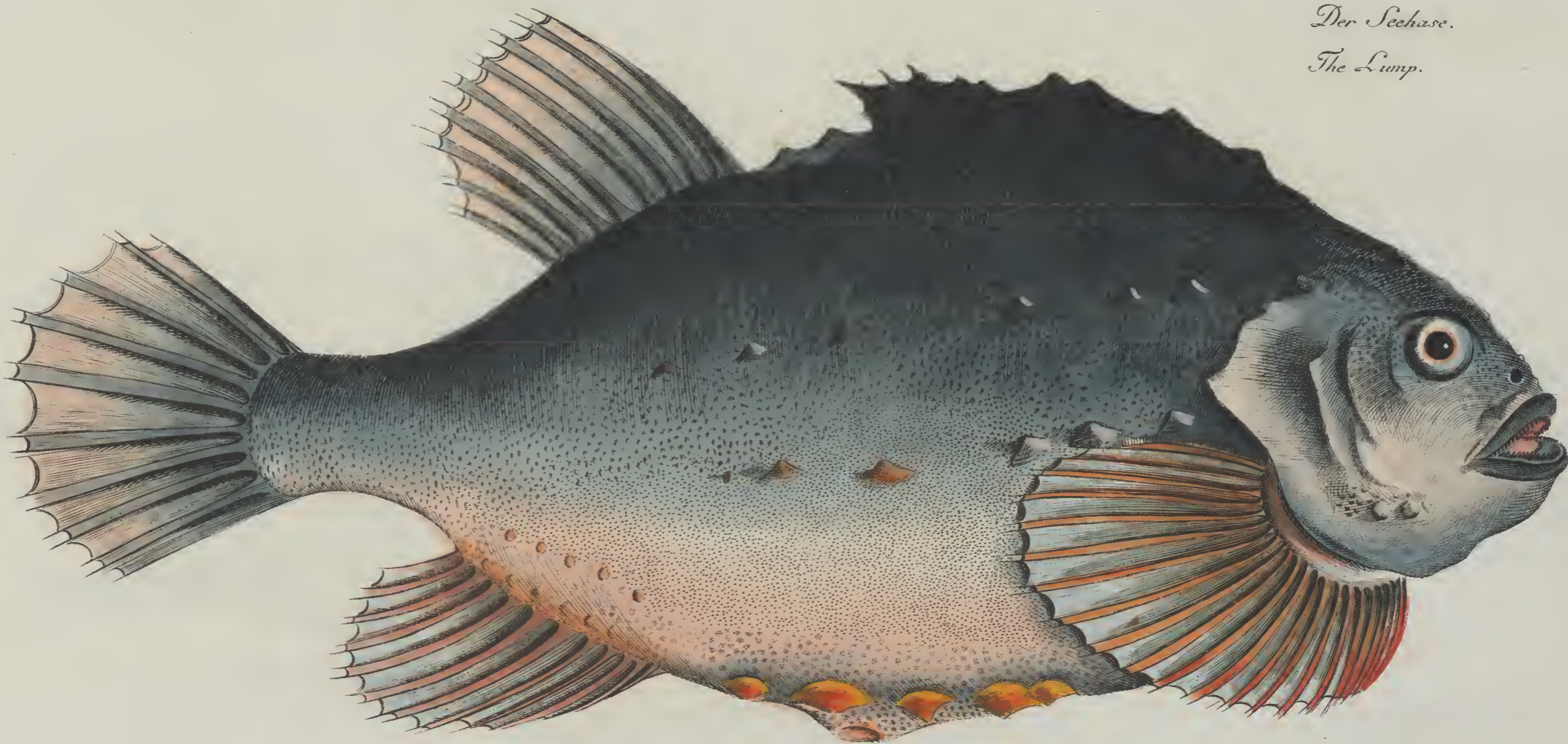
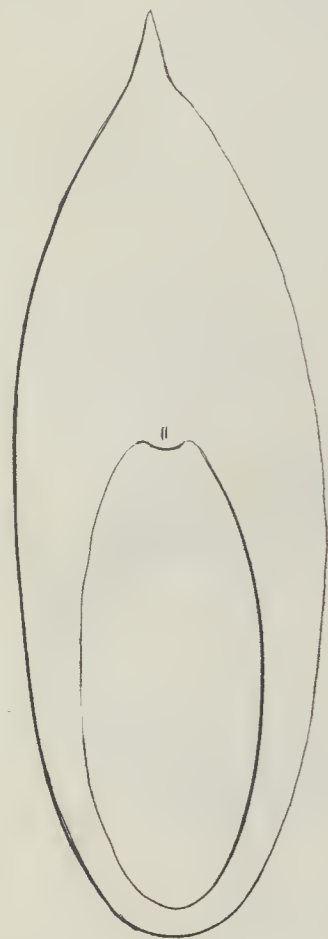
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*Verkleinert.*

CYCLOPTERUS LUMPUS.

*Der Seehase.*

*The Lump.*



90<sup>te</sup> Tafel.

*F. W. Schmidt, jun. sc.*

*Kröyer, jun. del.*

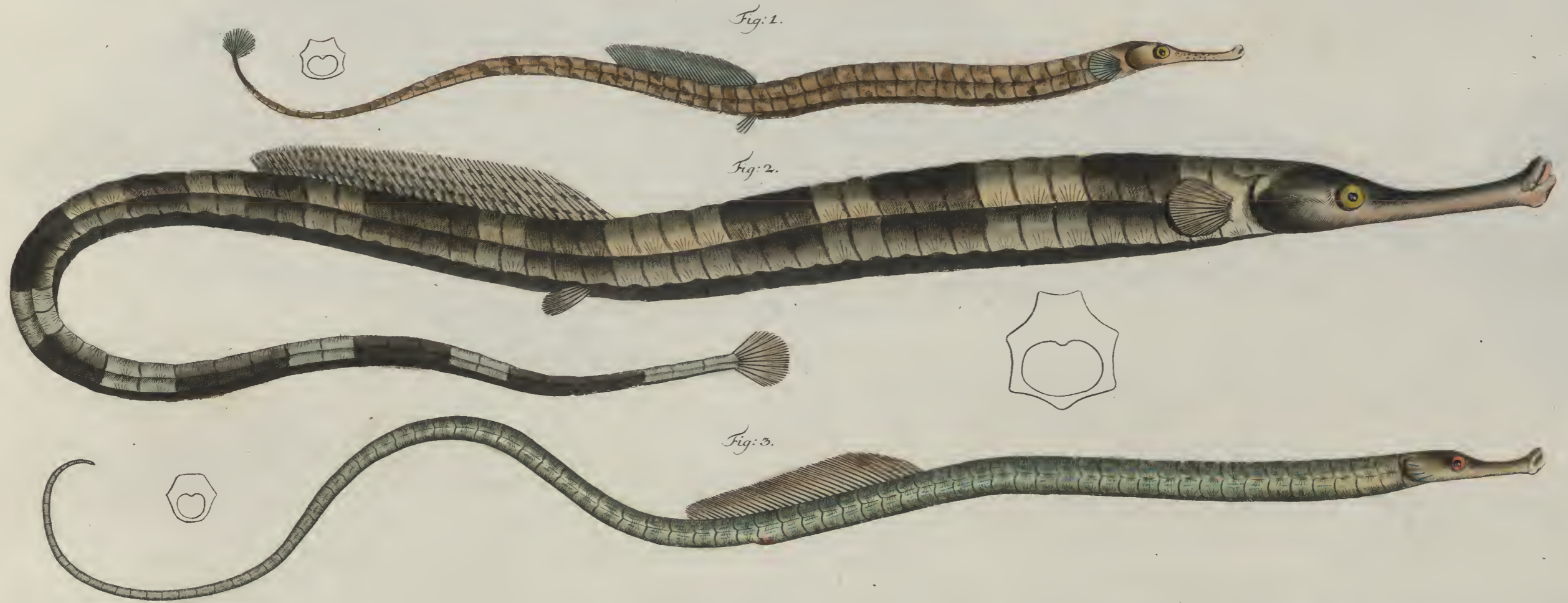


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Fig: 3.  
SYNGNATHUS OPHIDION.  
Die Meerschlange.  
La Vipere de Mer.  
The Sea Adder.

Fig: 2.  
SYNGNATHUS ACUS.  
Die Trompete.  
La Trompète.  
The Pipe Fish.

Fig: 1.  
SYNGNATHUS TYPHLE.  
Die Meernadel.  
L'Aiguille de Mer.  
The Needle Fish.

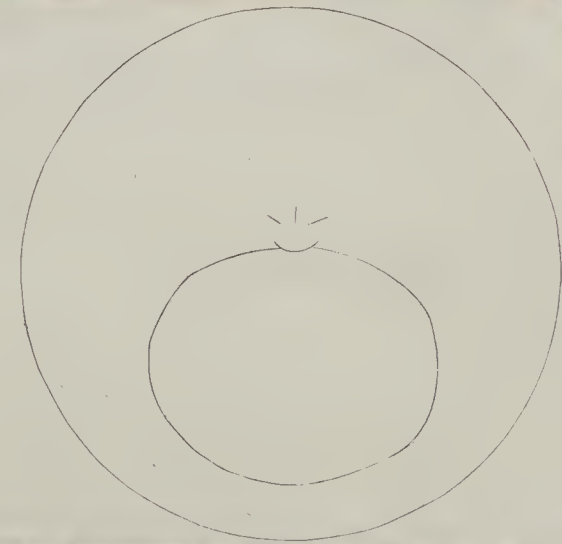
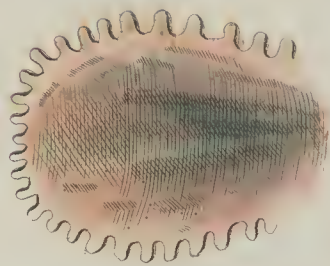




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*Verkleinert*

**DELPHINUS PHOCOENA**  
*Der Braunfisch*  
*Le Marsouin*  
*The Porpoise*





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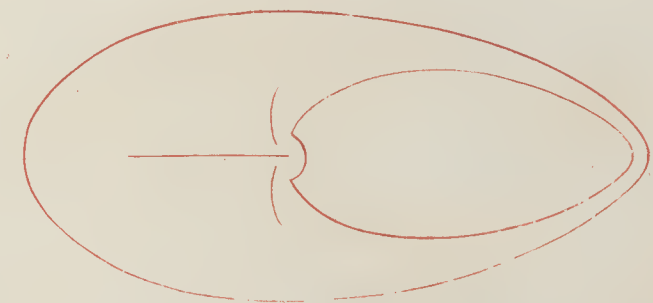
*Natürliche Grösse.*

CYPRINUS AURATUS.

*Der Gold-Karpfen.*

*La Dorade chinoise.*

*The Gold-Fish.*





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*Cyprinus Auratus* variet  
Der Goldkarpfen  
Le Kin-yu.  
The Gold Fish

Fig. 1.

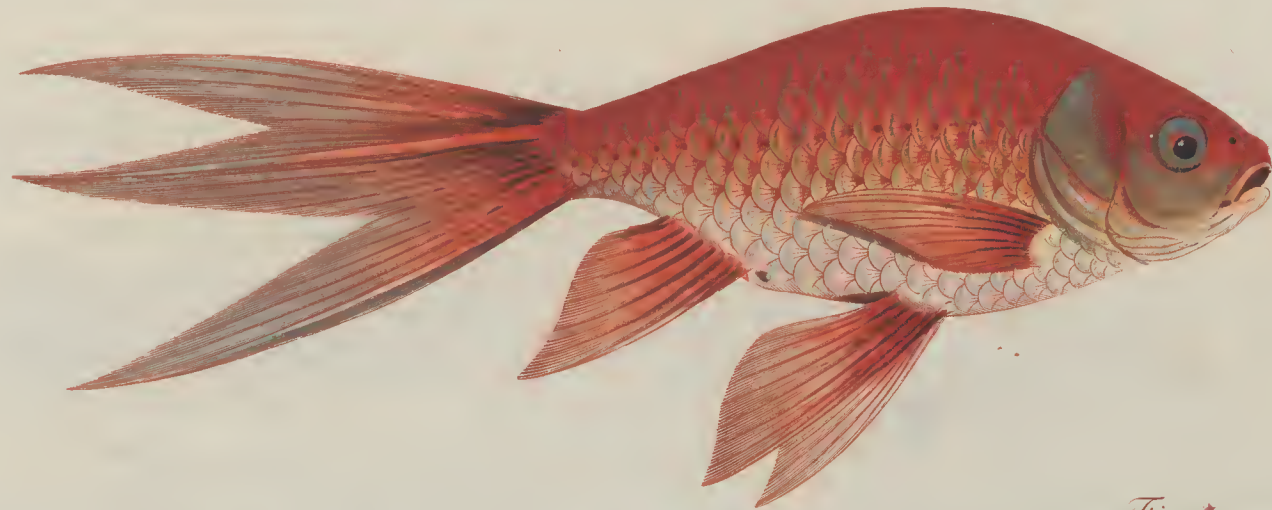


Fig. 2.



Fig. 3.

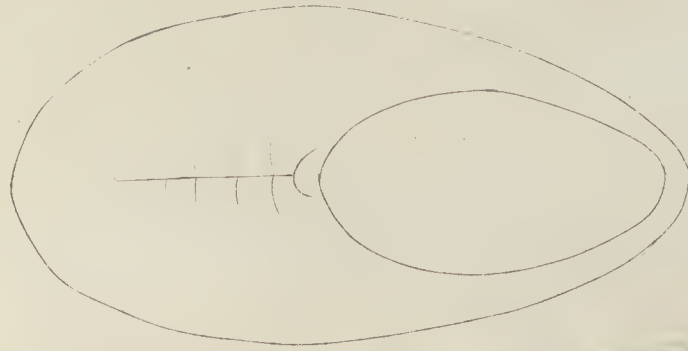




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Verkleinert

CYPRINUS BUGGENHAGII  
Der Leiter

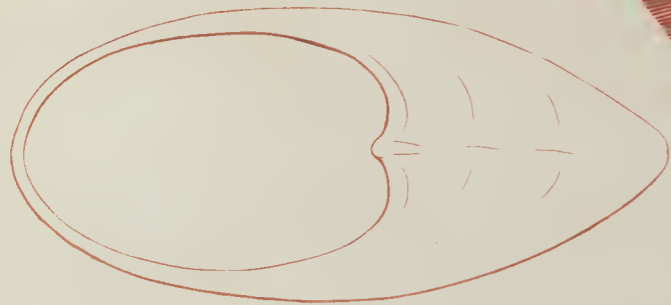


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*Verkleinert.*

CYPRINUS ORFUS.  
Die Orfe.  
L'Orfe.  
The Orf.



96<sup>te</sup> Taf.

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Natürliche Größen.

CYPRINUS LEUCISCUS.  
Der Lauben.  
La Vandoise.  
The Dace.



CYPRINUS APHYA  
Der Spirling  
L'Aphe

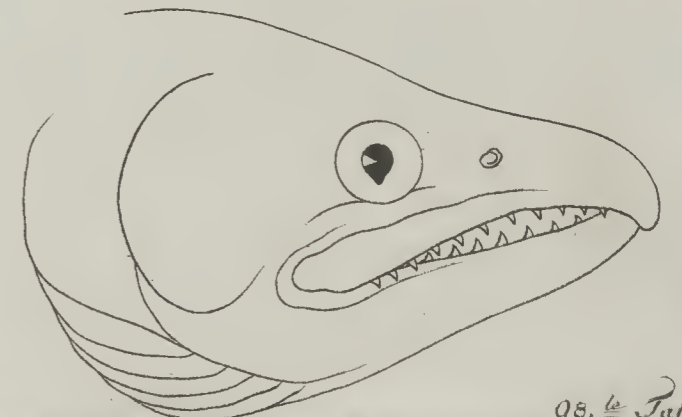
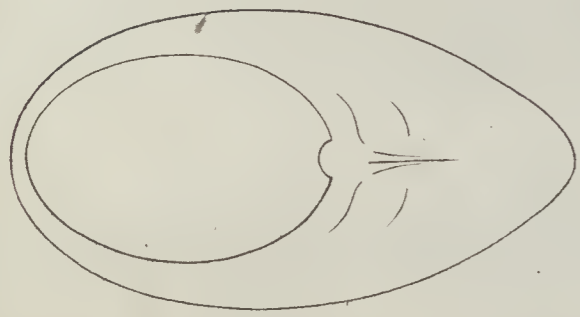
GASTEROPELECUS.  
Das Gärtnermesser.  
La Terpe.





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SALMO SALAR MAS  
*Der Hasenlachs*  
*Le Saumon Becard.*



Krüger jun. del.

98. <sup>te</sup> Taf.

Bodenchr. sc.

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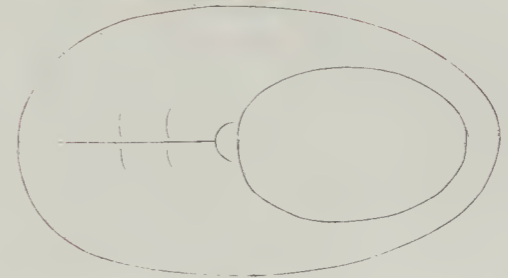
*Der Merckwürdige Kupferlackis welcher gefangen den 12 Februar. 1787.  
zu Berlin in der Spree am Weidendam 3 ½ Fuß lang 9 Zoll breit.  
F. W. Schmidt jun. sc.*

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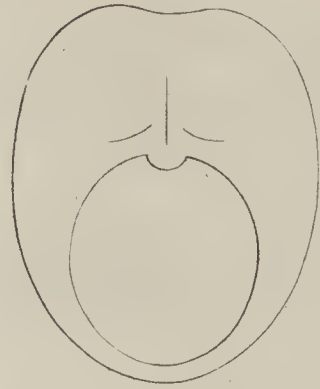
Verkleinert

SALMO SALVELINUS  
Der Salbling  
L'Omble





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Verkleinert.

SALMO HUCIO  
Der Heuch  
Le Heuch



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*SALMO UMBLA.*  
*Der Ritter.*  
*L'Ombre Chevalier.*



101<sup>te</sup> Taf:

Ludwig Schmidt, Jr.

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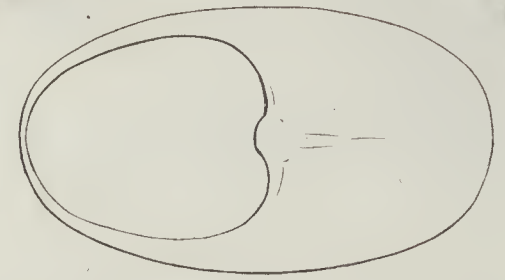
*SALMO GOEDENII.*  
*Die See-Forrelle.*  
*La Truite de Mer.*





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*SALMO SCHIFERMULLERI*  
*Der Silberlachs.*  
*Le Saumon argenté.*



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*SALMO ALPINUS.*  
*Die Alpforelle.*  
*La Truite des Alpes.*



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*SALMO WARTMANNI.*  
*Das Blauselchen.*  
*L'Ombre bleu.*



Hartmann del.

105.te Taf.

Ludwig Schmitz sc.



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Verkleinert

PERCA ZINGEL.  
Der Zingel.  
Le Cinglo.  
The Singel.



106. le Taf.

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Fig. 1. 2. *PERCA ASPER*...  
Der Streber.  
L'Apron.

Natürliche Gröſſen,

Fig. 3. *GOBIUS JOZO*.  
Die Blaugrundel.  
Le Goujons bleu,  
The blue Goby.

Fig. 1.



Fig. 2.



Fig. 3.



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COTTUS QUADRICORNIS.  
Der Seebull.  
La Quatrecorne.

