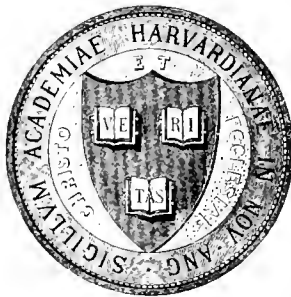




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THE  
FISHES OF INDIA;

BEING

A NATURAL HISTORY

OF

THE FISHES

KNOWN TO INHABIT THE SEAS AND FRESH WATERS

OF

INDIA, BURMA, AND CEYLON.

BY

FRANCIS DAY, F.L.S., & F.Z.S.,

MEMBER ASIATIC SOCIETY OF CALCUTTA, AND COTSWOLD NATURALISTS' FIELD CLUB, ETC.,  
LATE SURGEON-MAJOR MADRAS ARMY, AND INSPECTOR-GENERAL OF FISHERIES IN INDIA AND BURMA.

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VOLUME II.

ATLAS—CONTAINING 198 PLATES.

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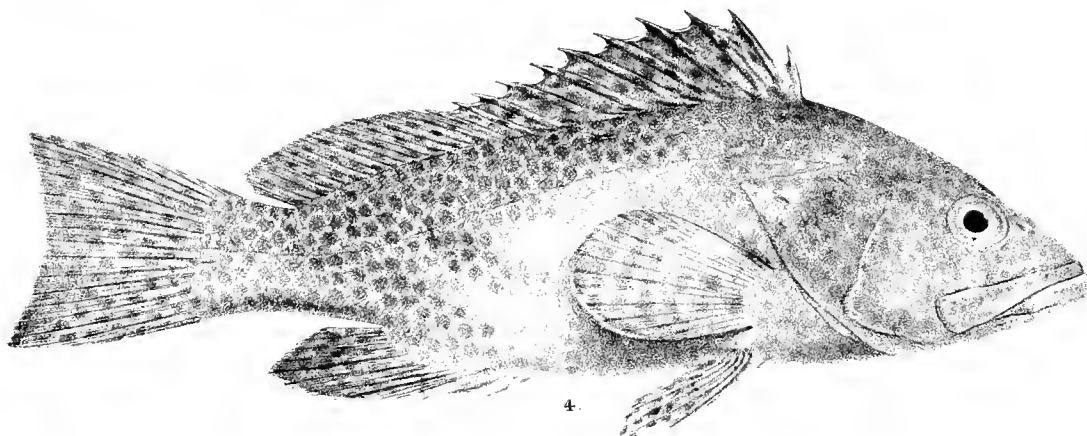
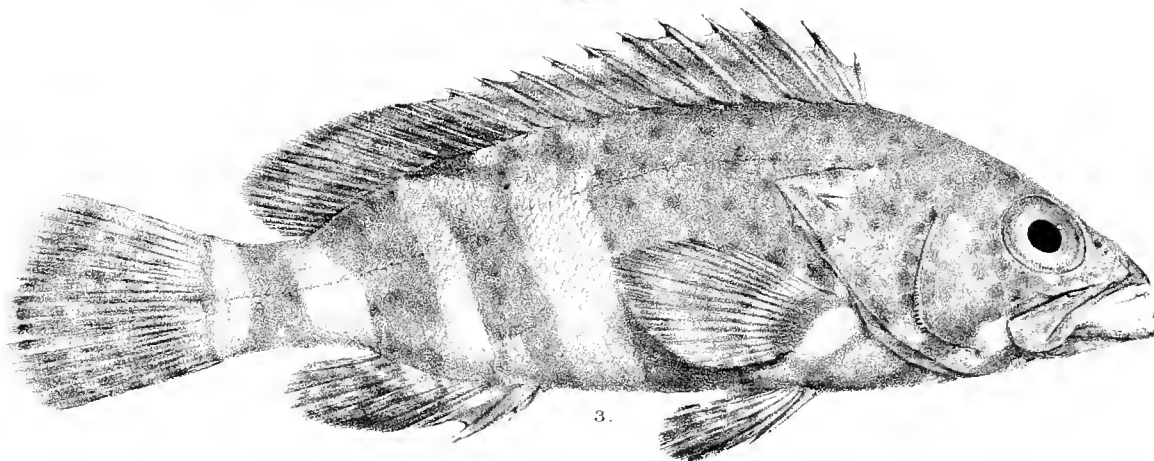
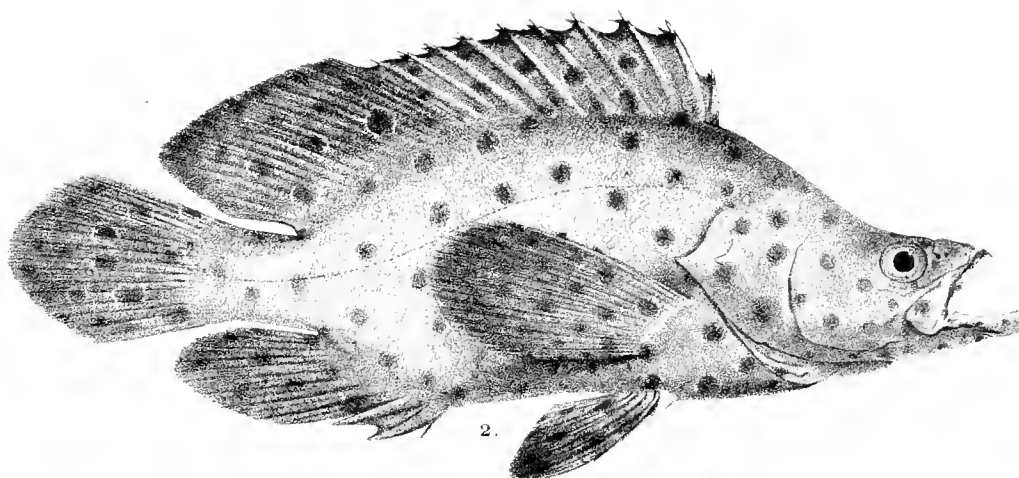
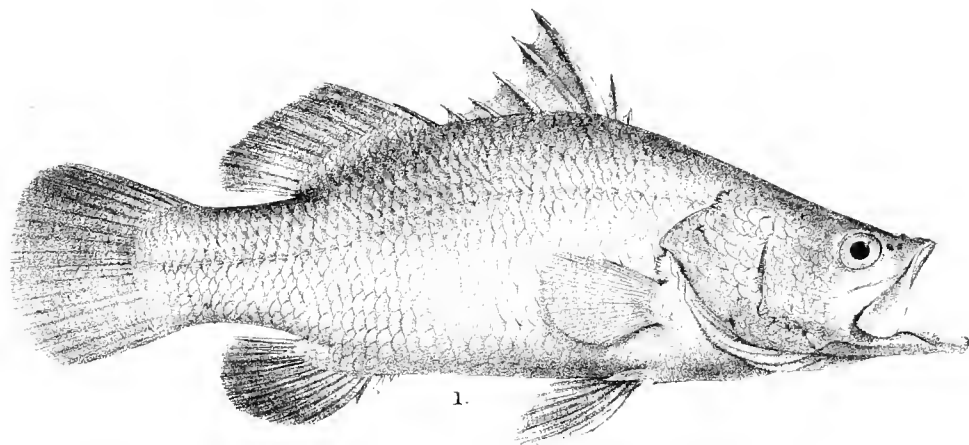
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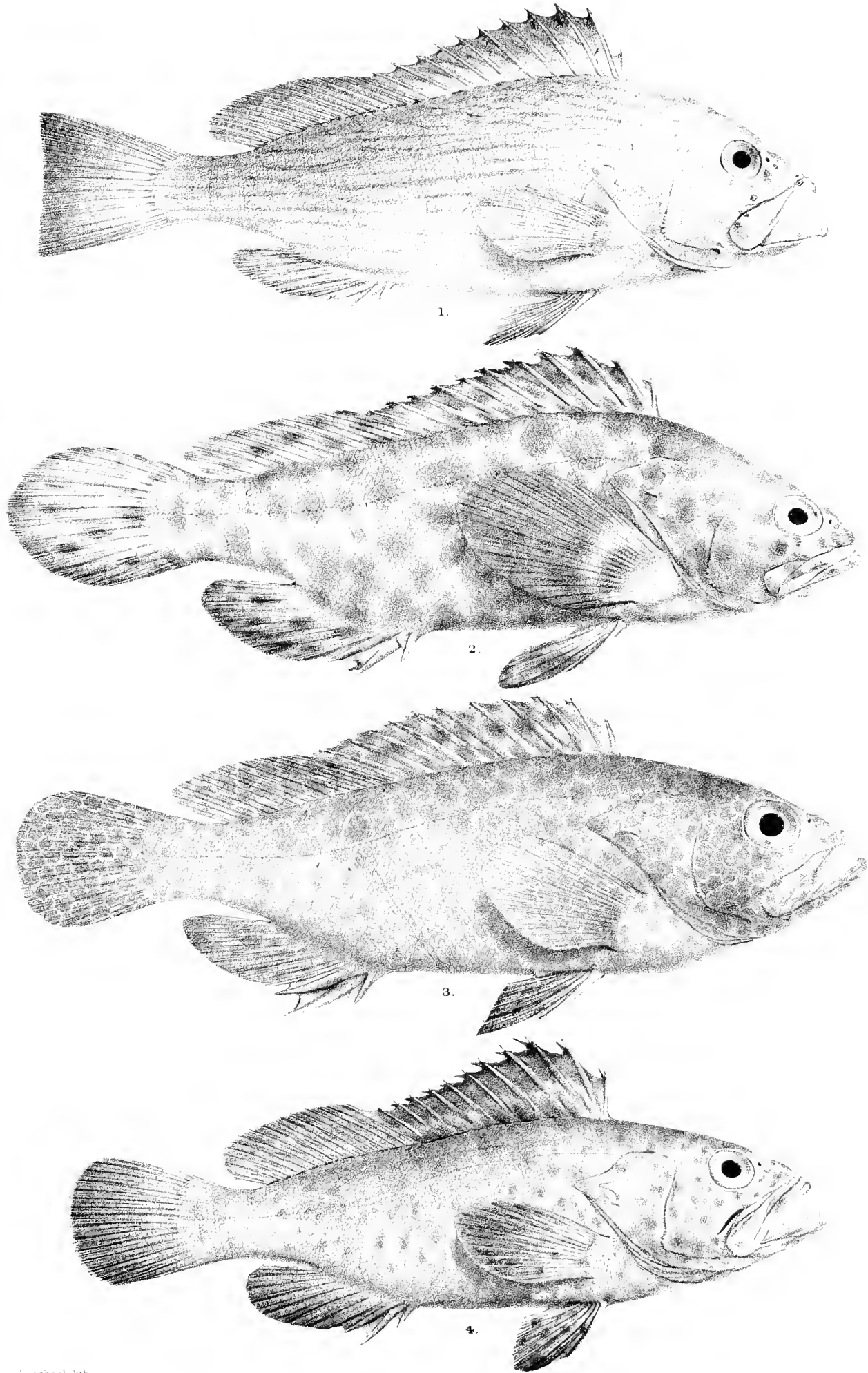
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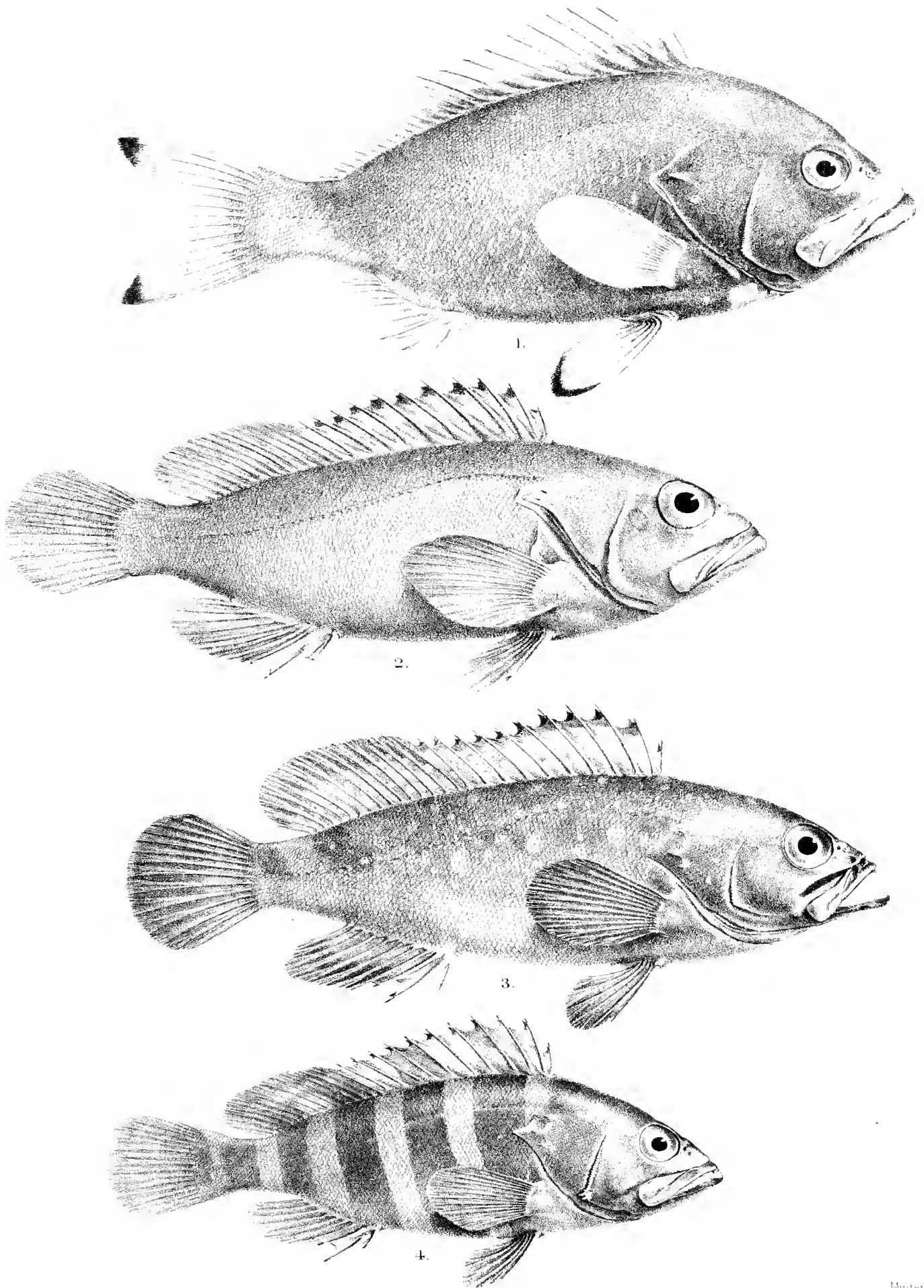


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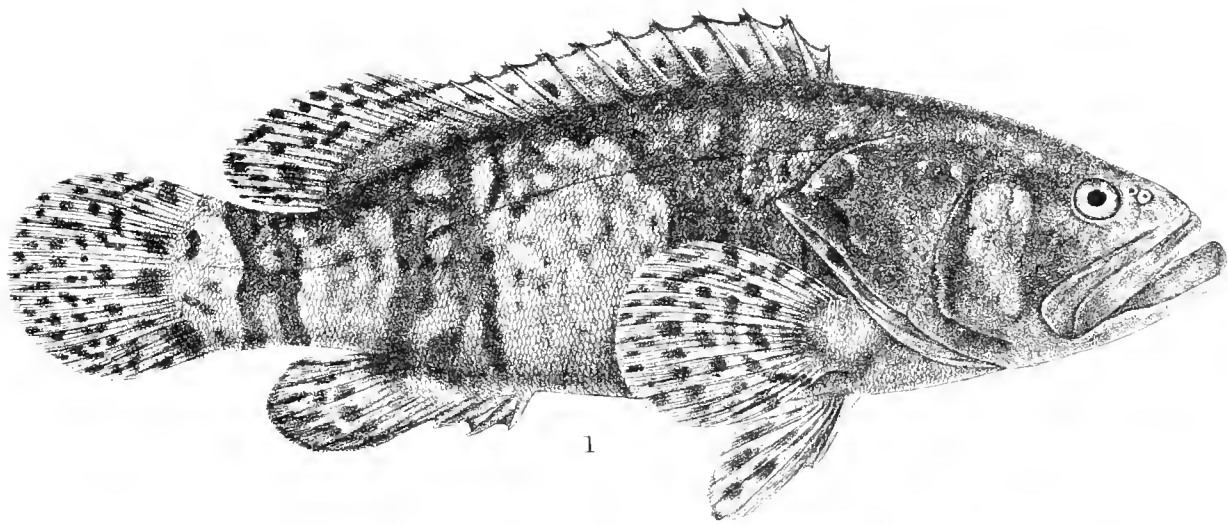
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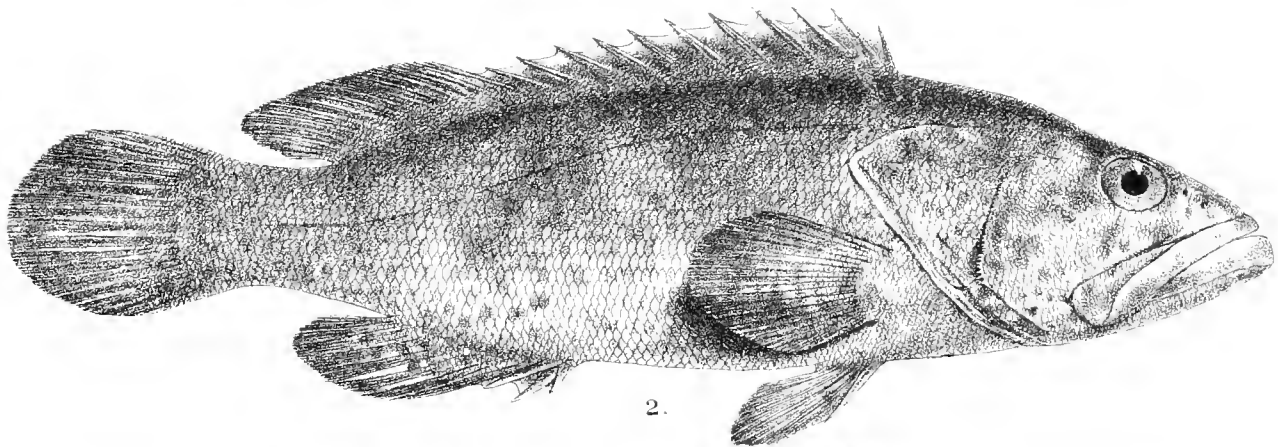


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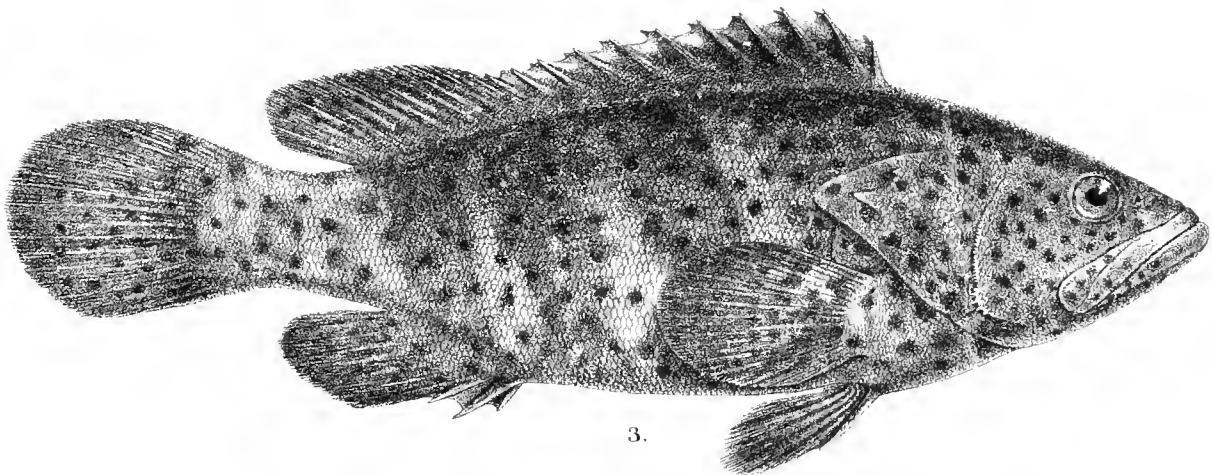
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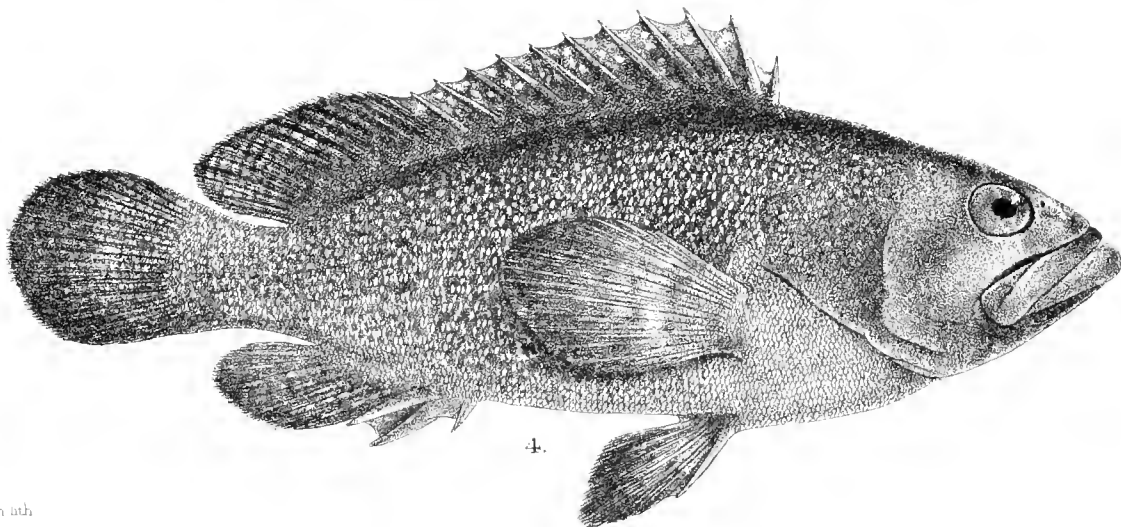
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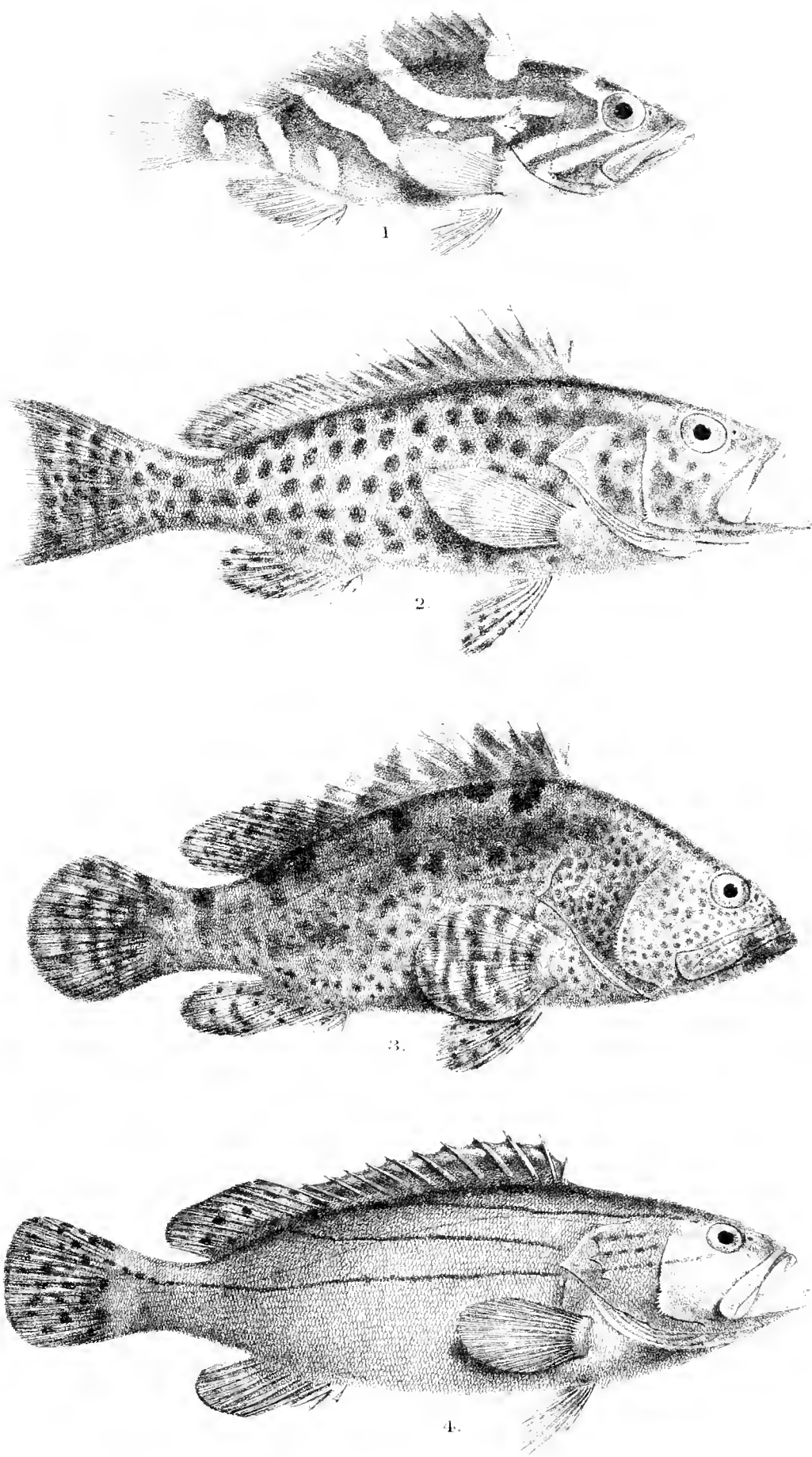
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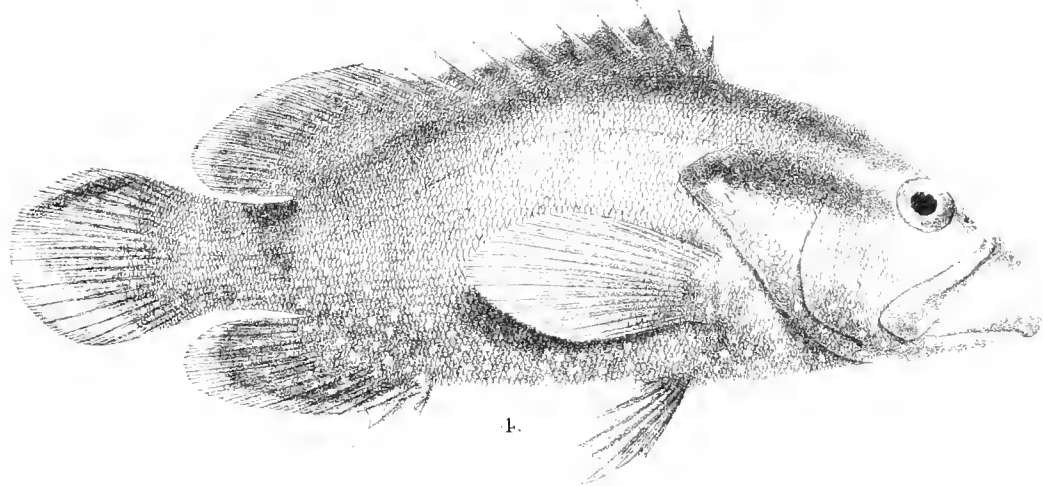
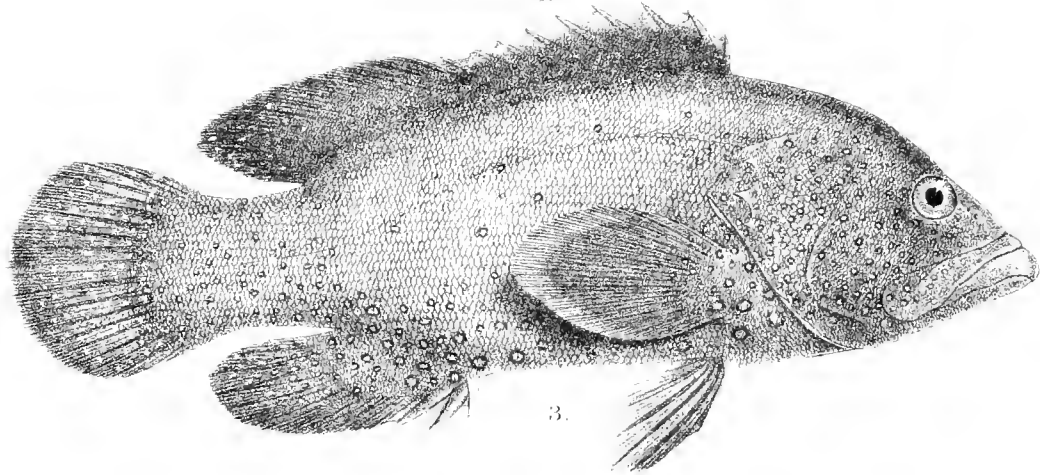
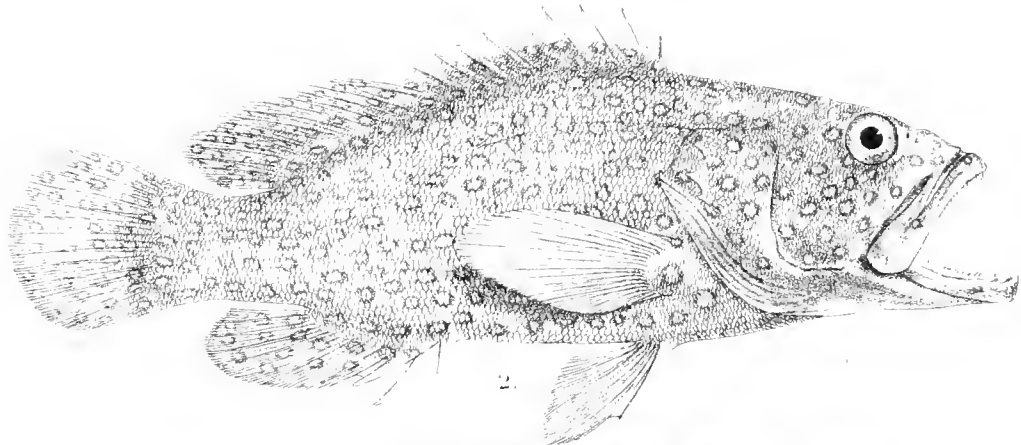
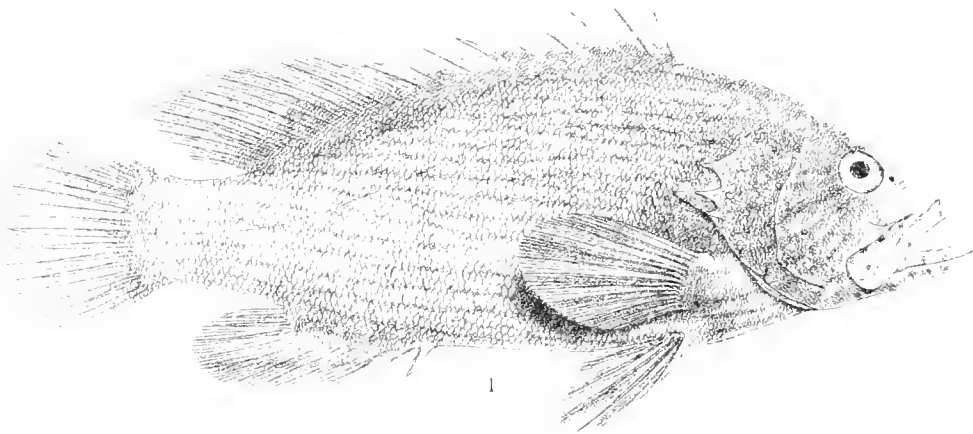
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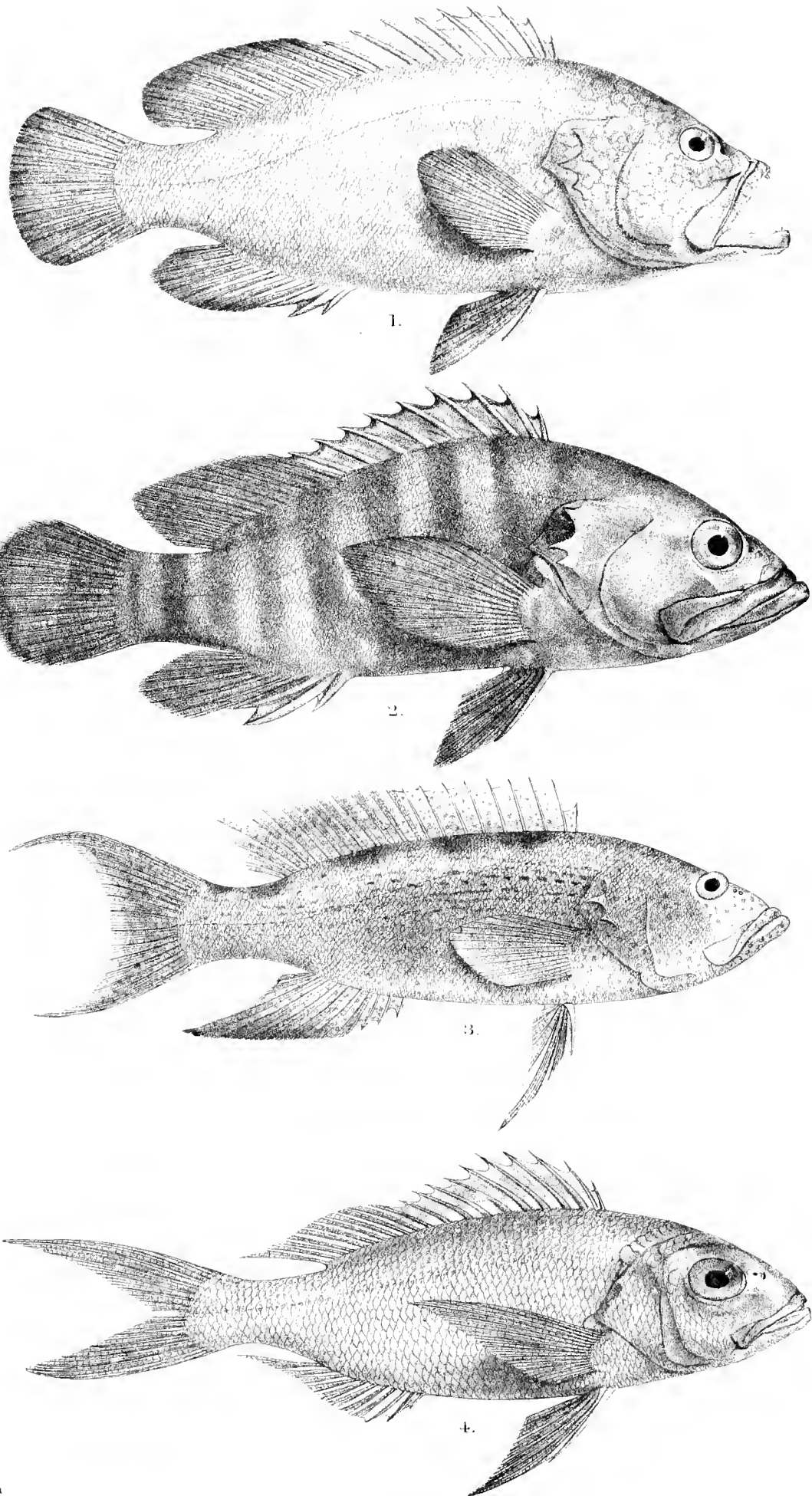


1. *PERCIPANUS MORRHUA*. 2. *S. ANGULARIS*. 3. *S. FUSCOGUTTATUS*. 4. *S. GRAMMICUS*.

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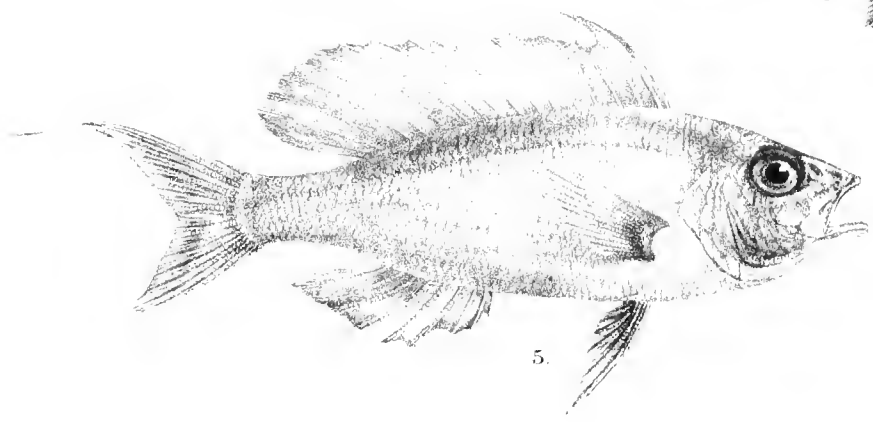
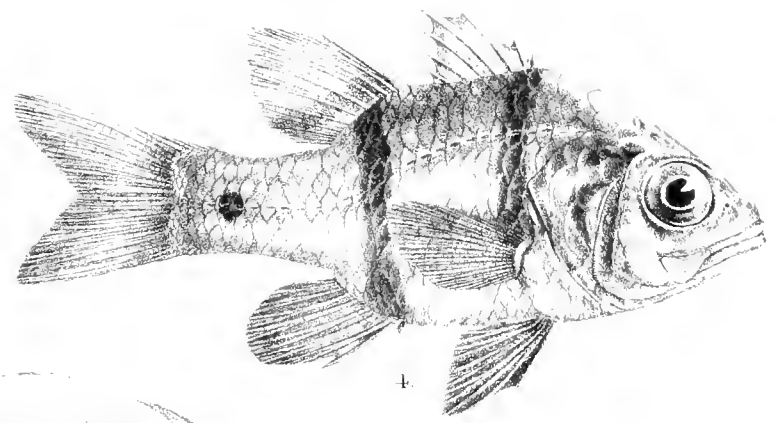
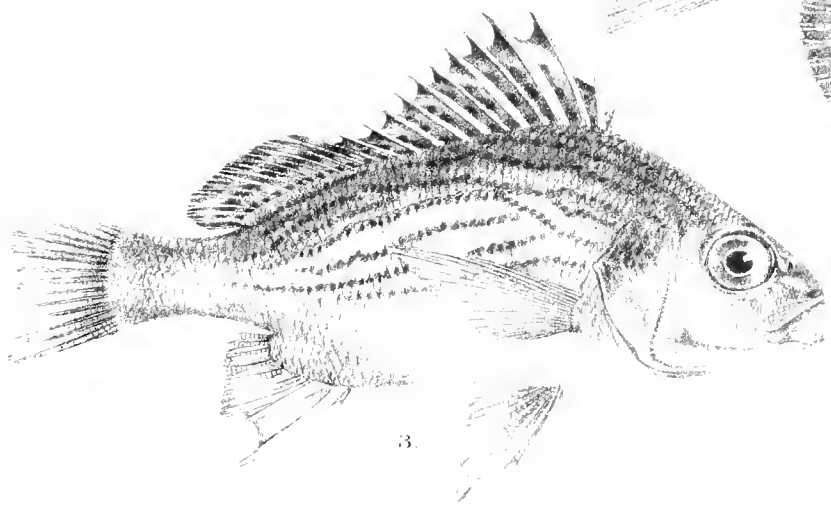
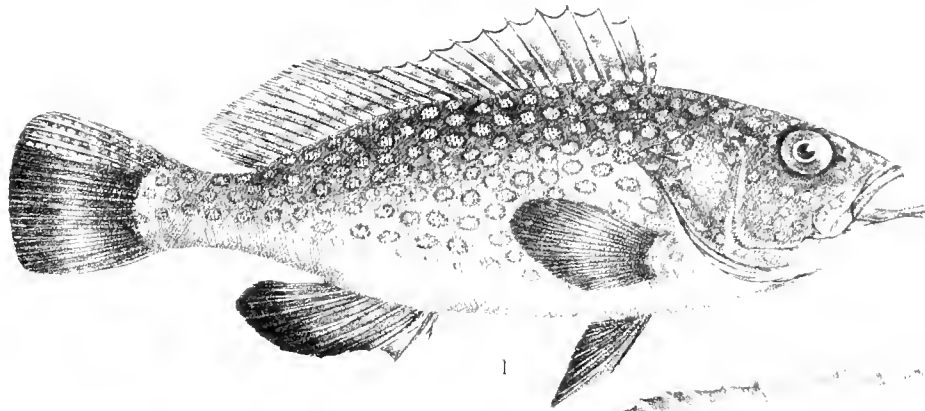


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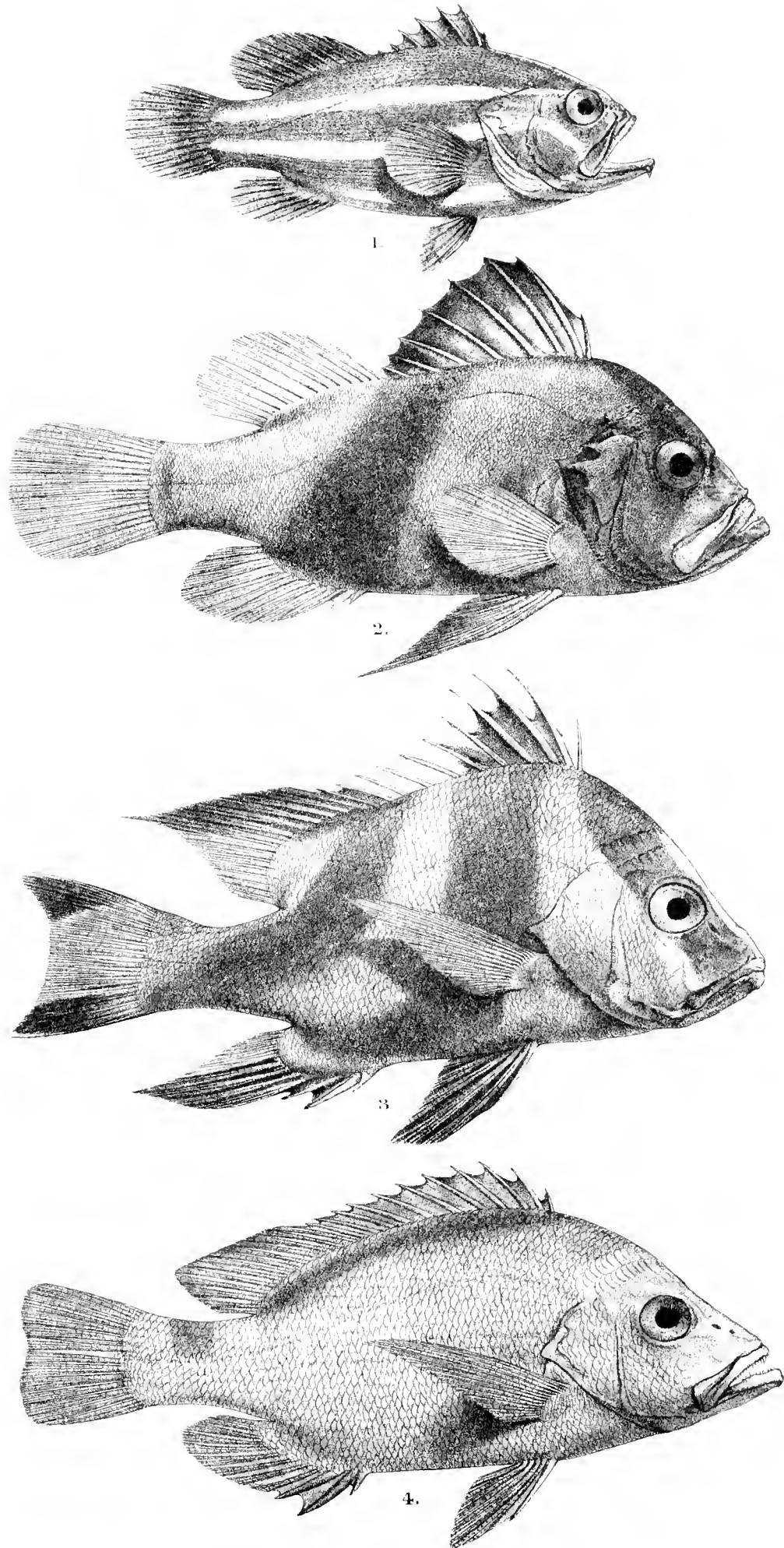
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1 SERRANUS WAANDERSI    2 PRIACANTHUS BLOCHII    3 PRISTIPOMA COMMERCIONI  
 4 APOGON TÆNIATUS    5 SYNAGRIS LUTEUS

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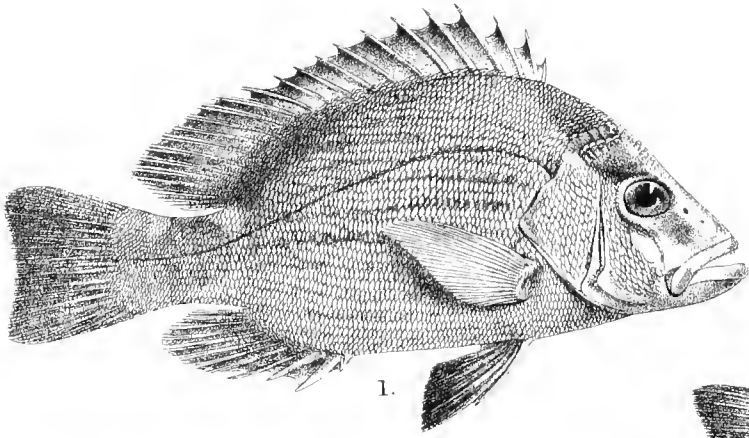


G.H. Ford del. C.L. Griesbach lith

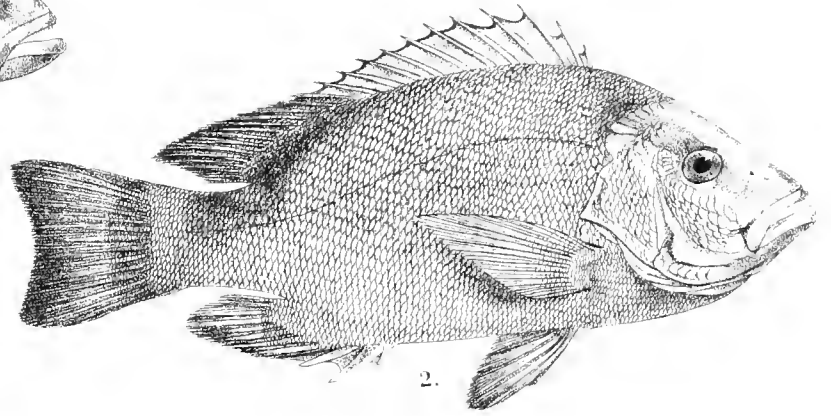
Mutern Bros imp

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4. L. MALABARICUS

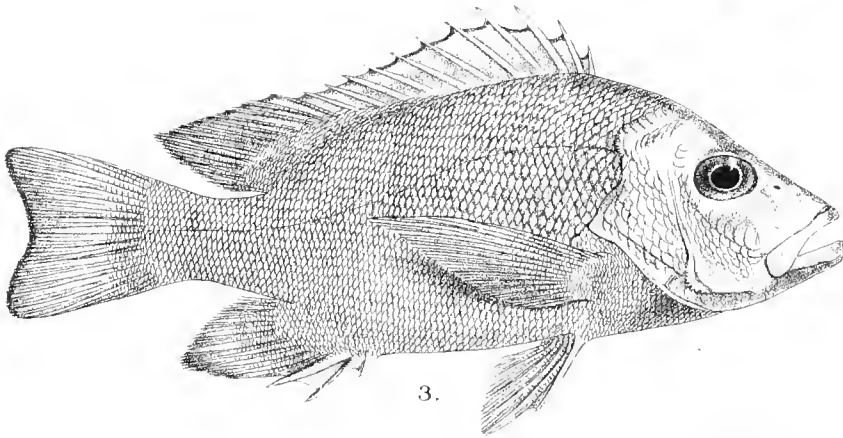
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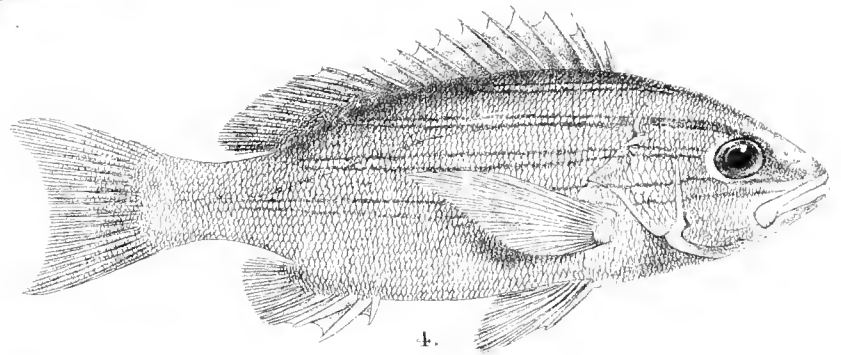
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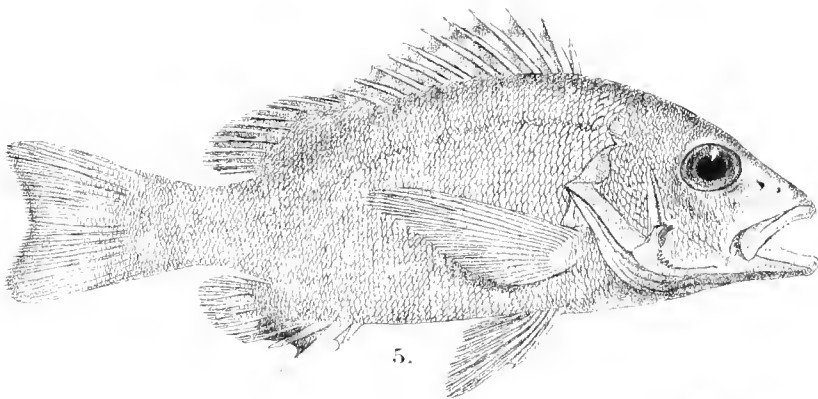
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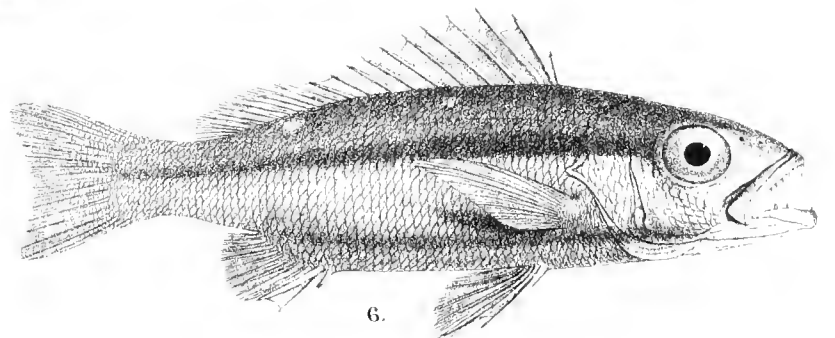
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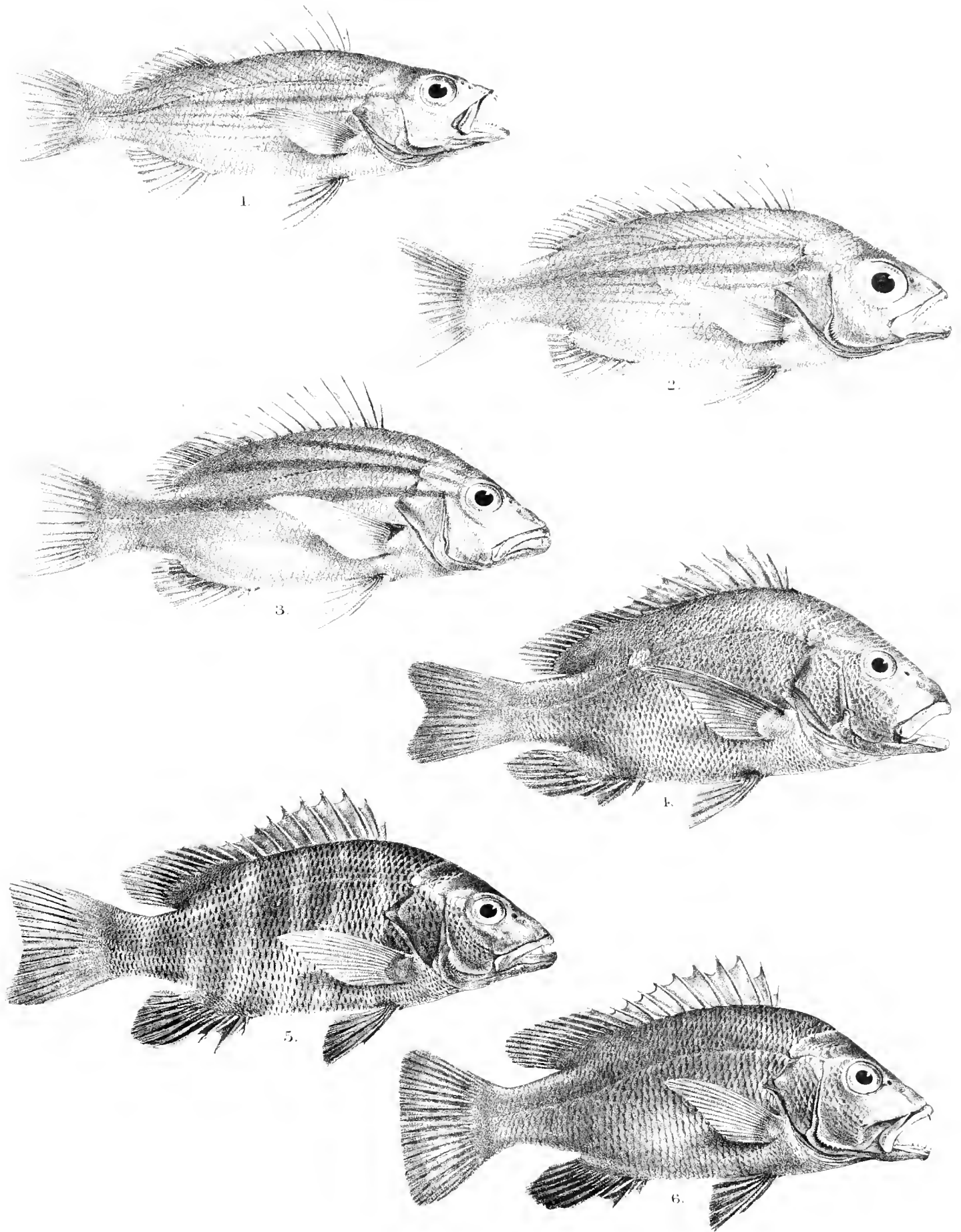
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G.H. Ford del. R. Mintern hth.

Mintern hth. del.

1, LUTIANUS ERYTHROPTERUS (YOUNG) 2, L. ERYTHROPTERUS (ADULT.) 3, L. DODECACANTHUS.  
 4, L. BENGALENSIS. 5, L. FULVUS. 6, L. BIGUTTATUS.

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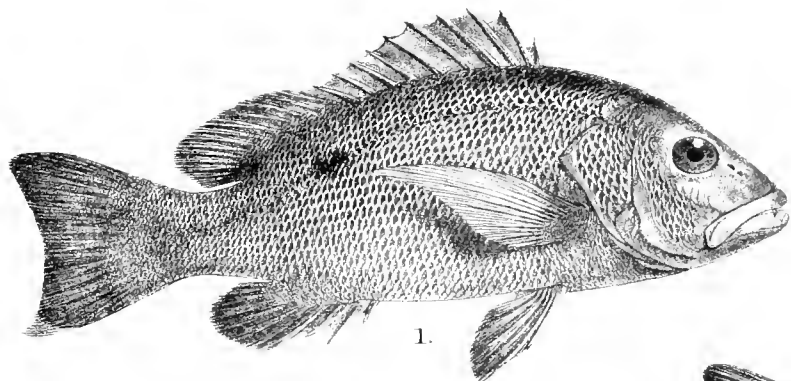


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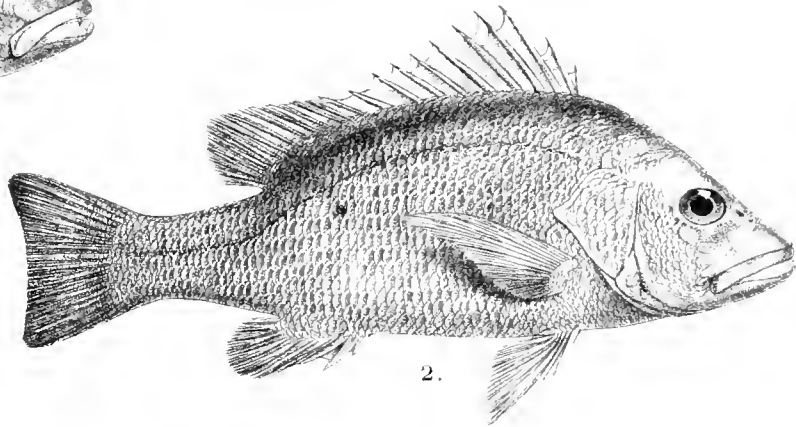
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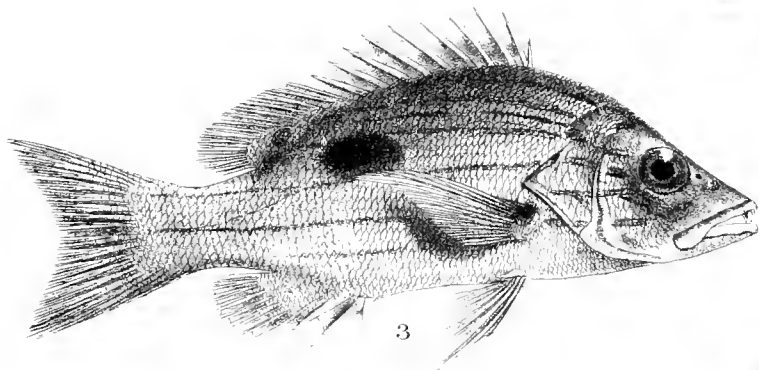
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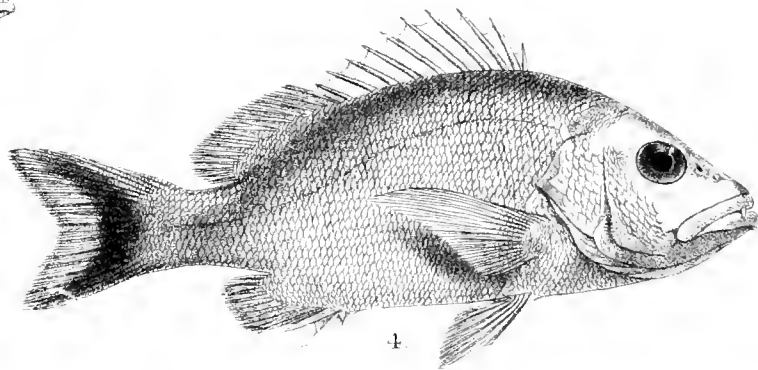
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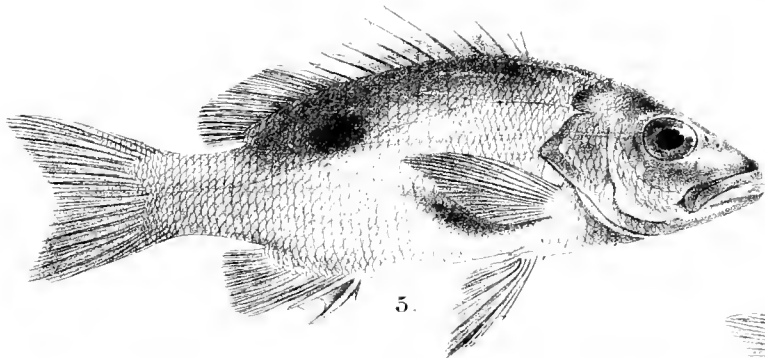
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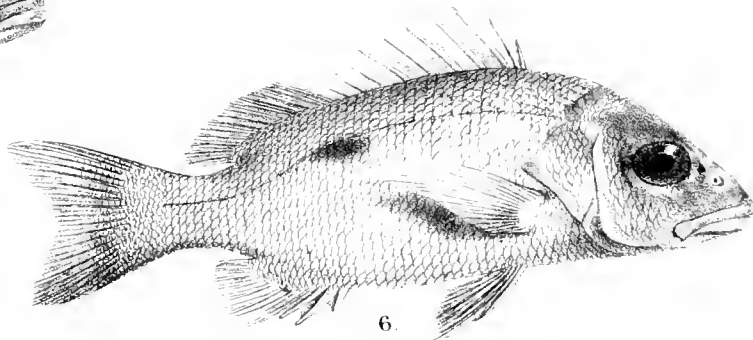
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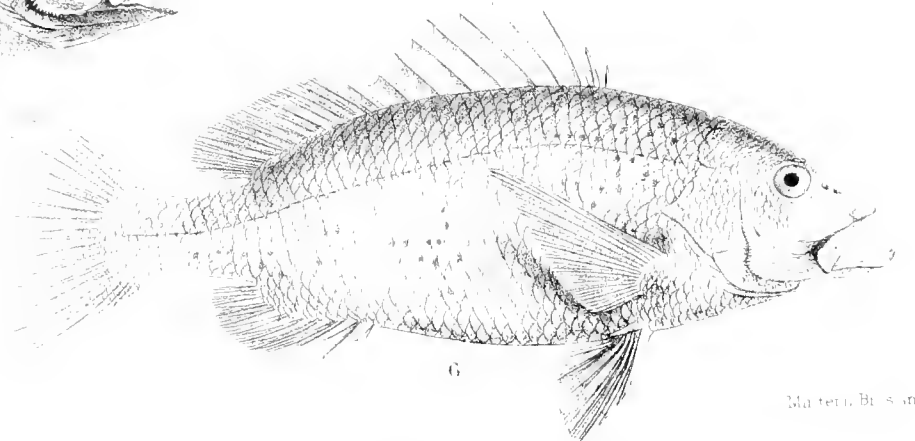
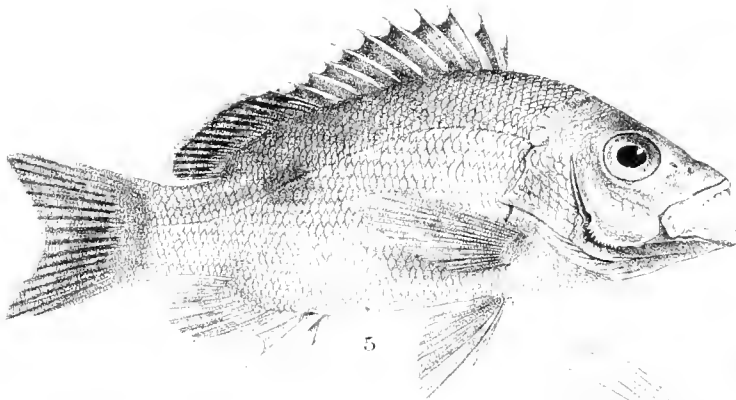
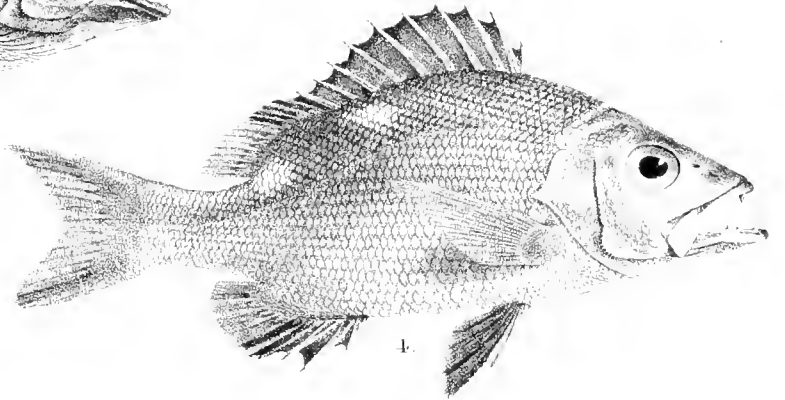
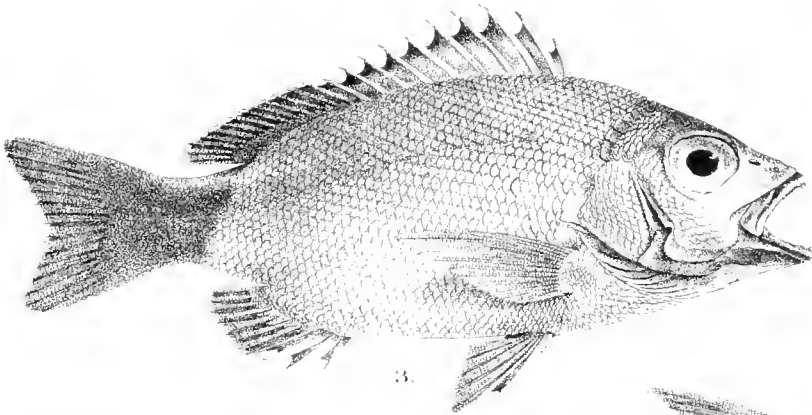
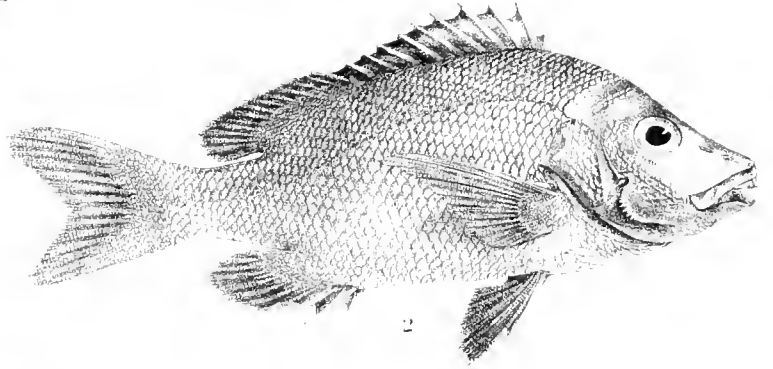
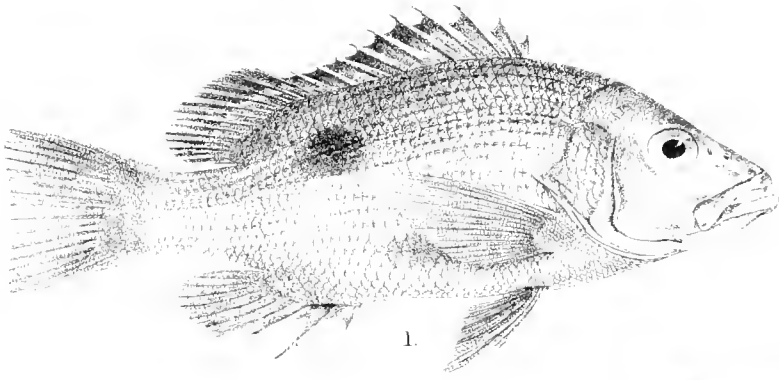


6.

1. LUTIANUS LIOGLOSSUS. 2. L. SHIAO. 3. L. QUINQUELINEATUS 4. L. LUNULATUS  
 5. 4 FULVIFLAMMA (VAR RUSSELLII) 6. L. FULVIFLAMMA

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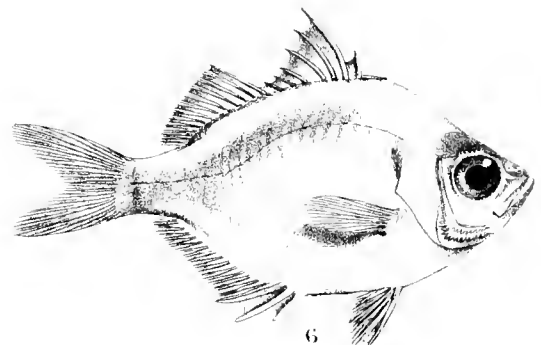
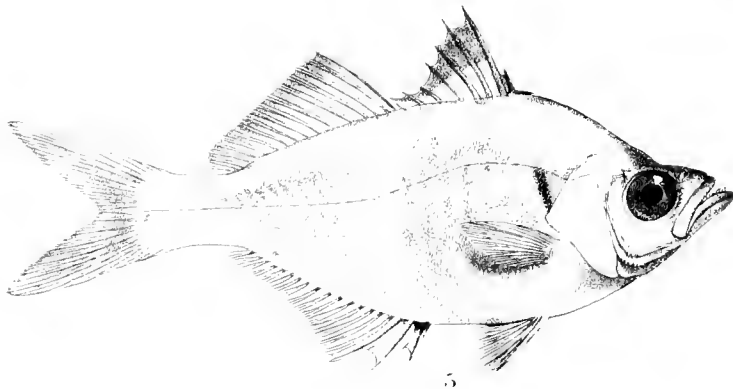
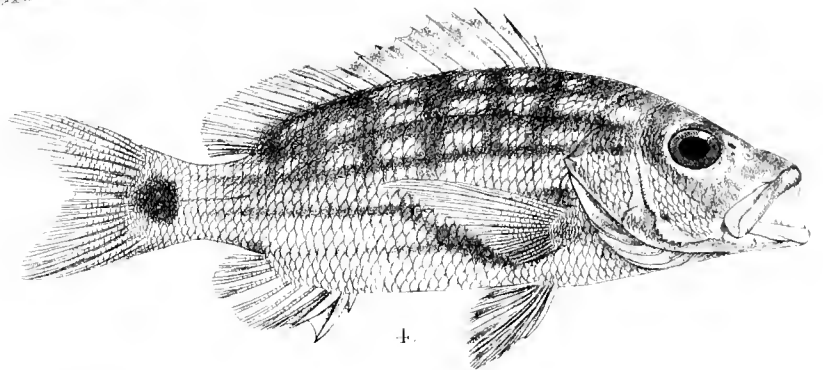
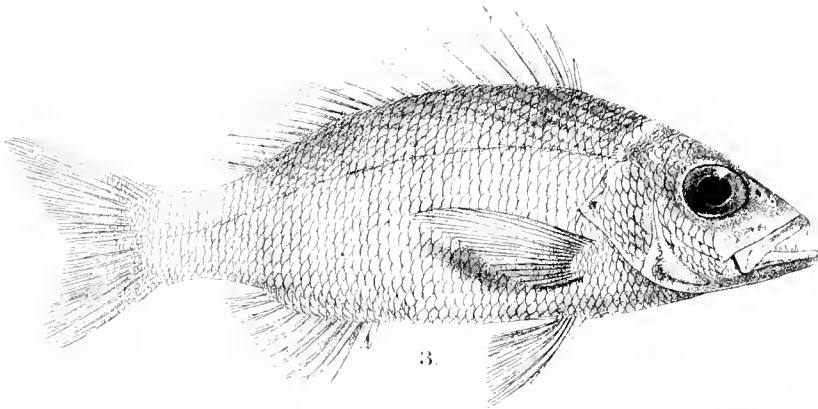
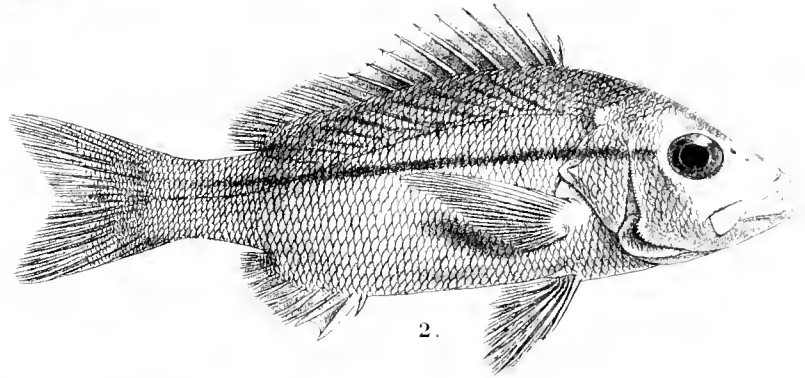
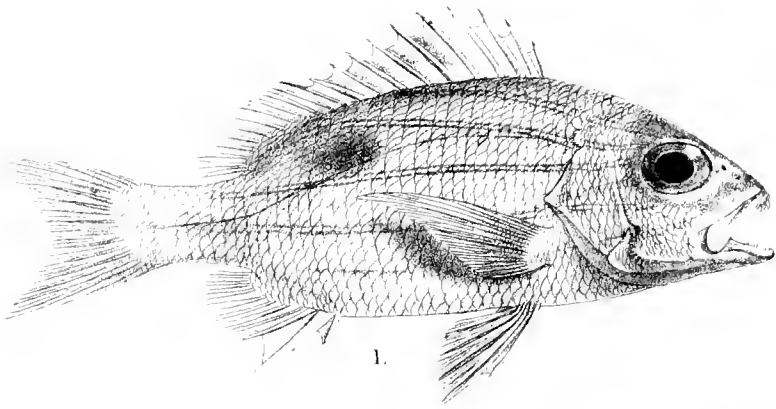


J.H. Ford del. R. King lith

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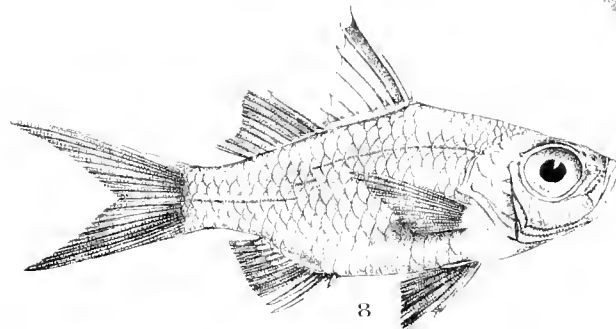
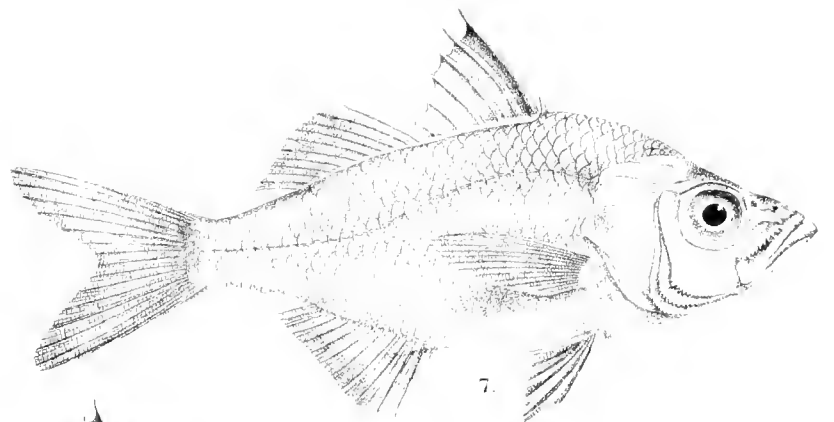
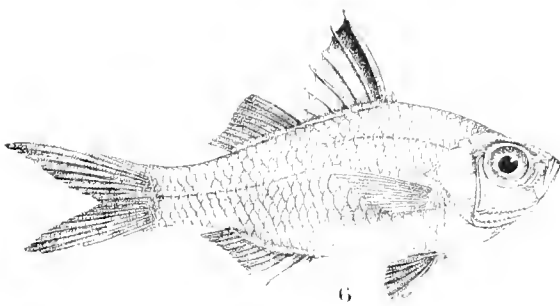
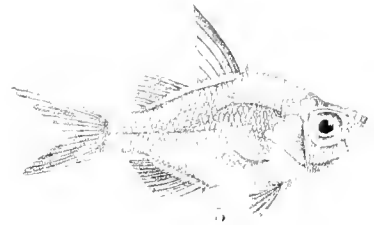
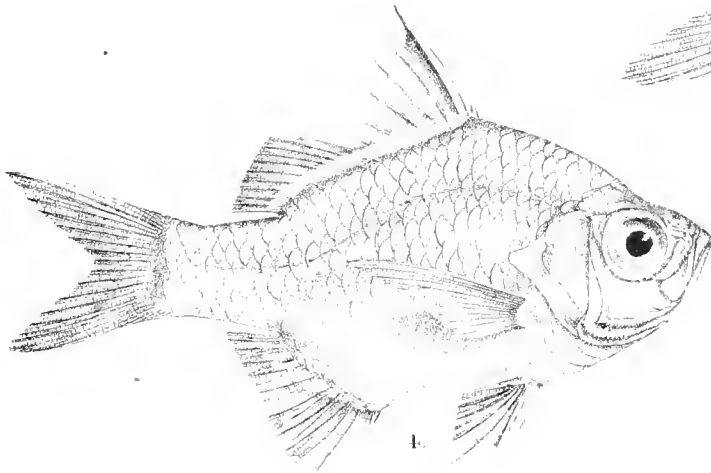
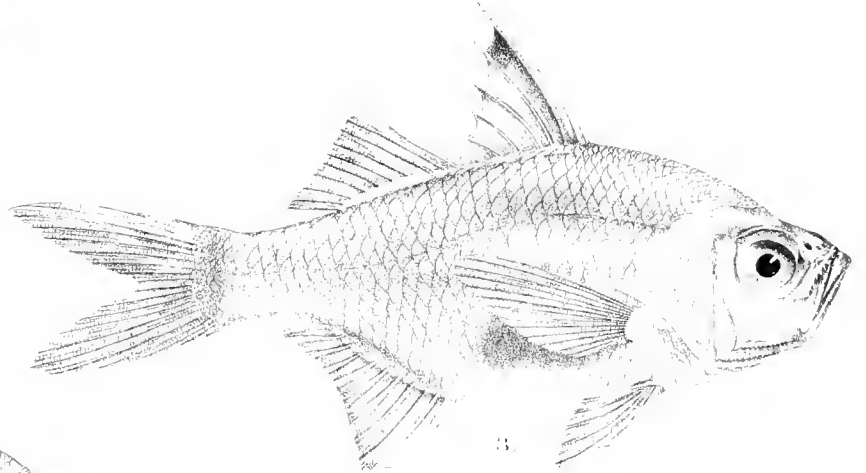
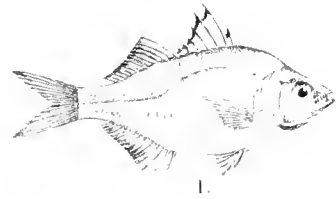
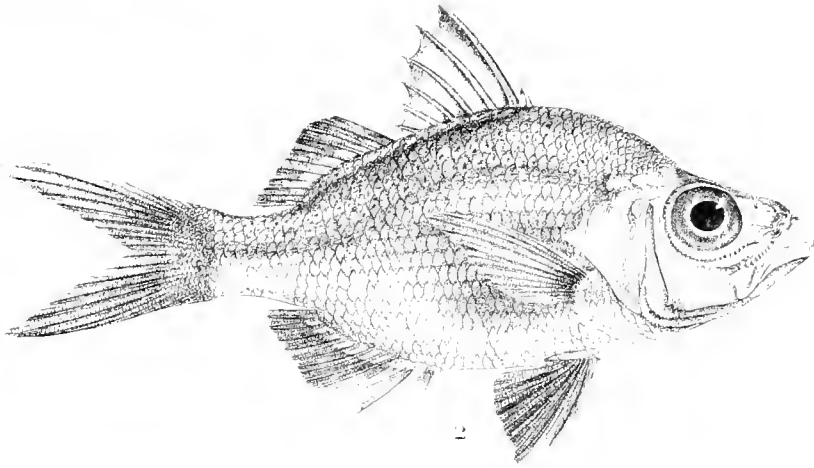
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4. *L. MARGINATUS* 5. *L. YAPILLI*





1, LUTIANUS QUINQUELINEARIS 2, L. VITTA. 3, L. MADRAS. 4, L. DECUSSATUS  
5, AMBASSIS NAMA 6, A. RANGA

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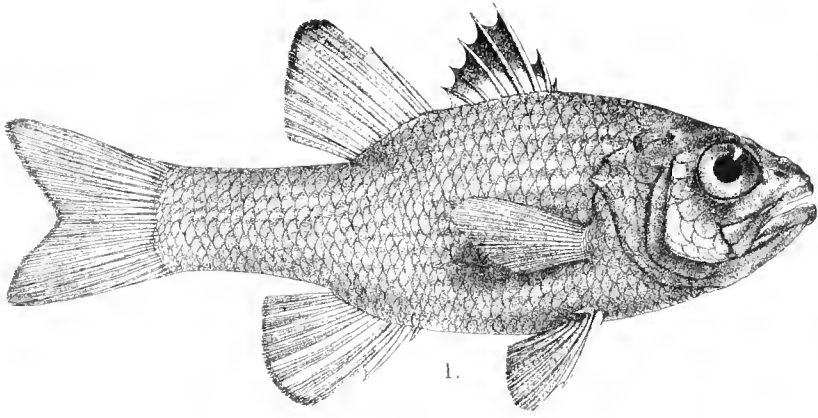


G. H. Ford del. J. R. King lith.

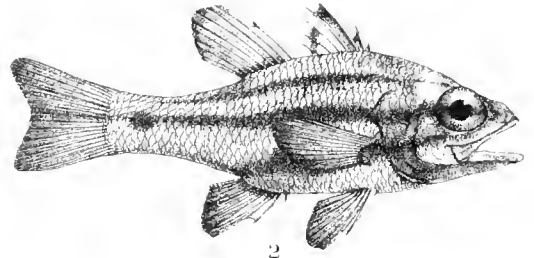
Manter & Beal imp.

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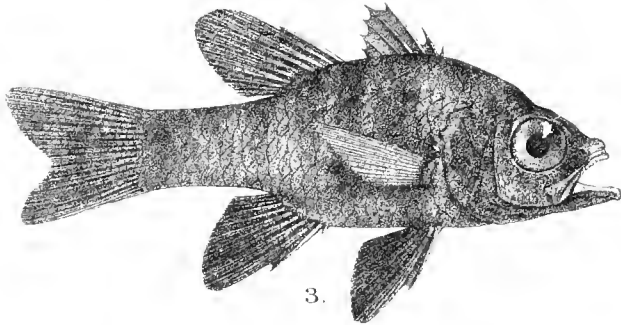
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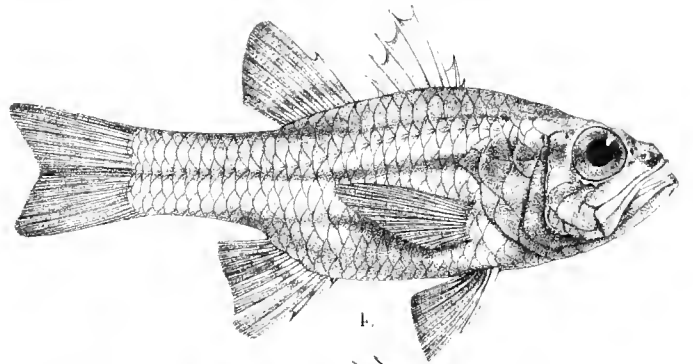
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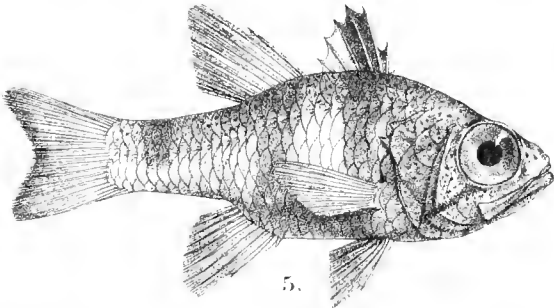
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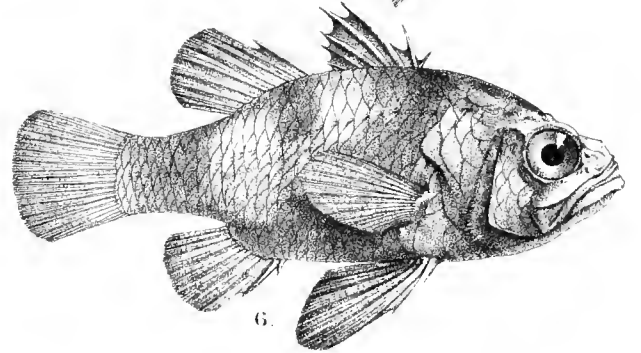
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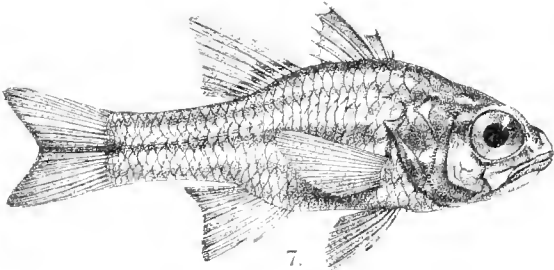
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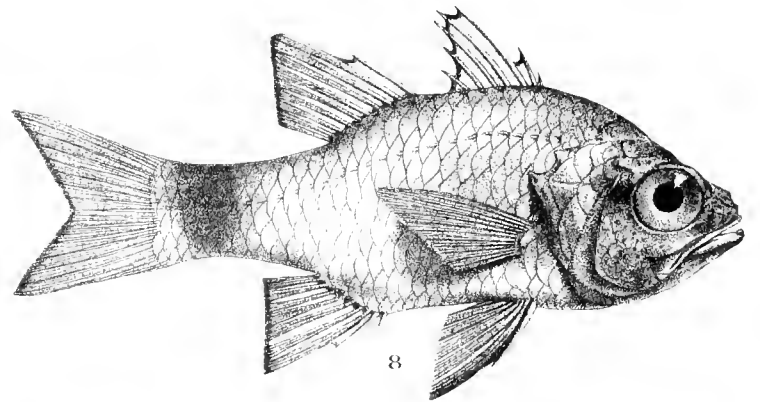
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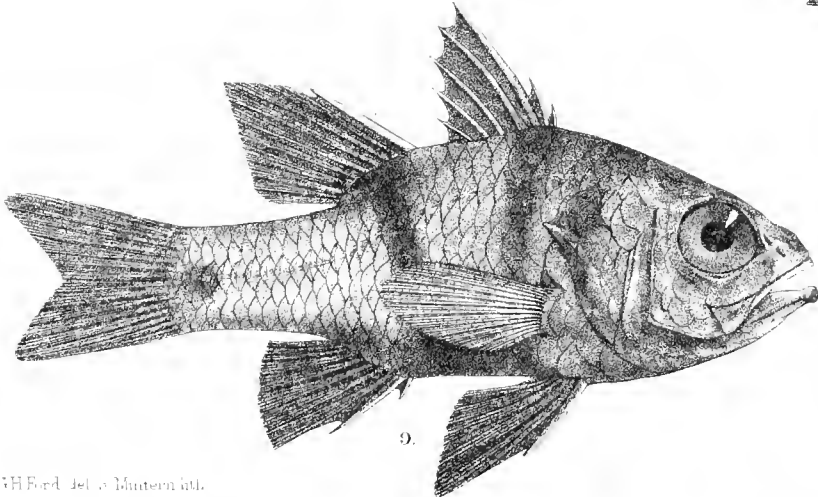
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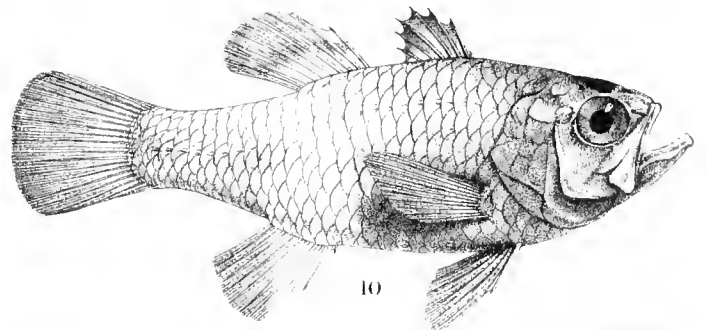
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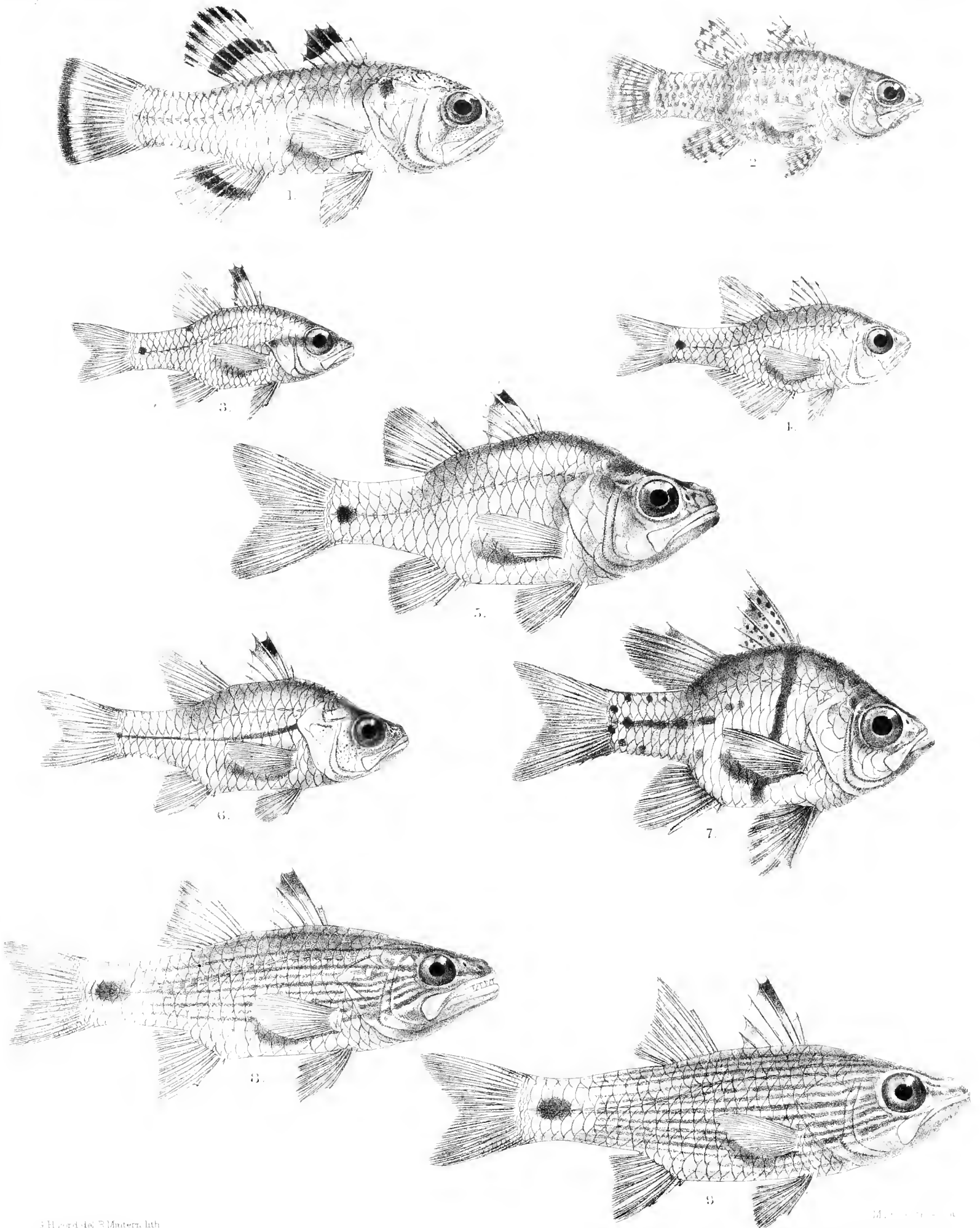
W.F. ed. Del. a. Minton del.

Brit. Mus. Nat. Hist.

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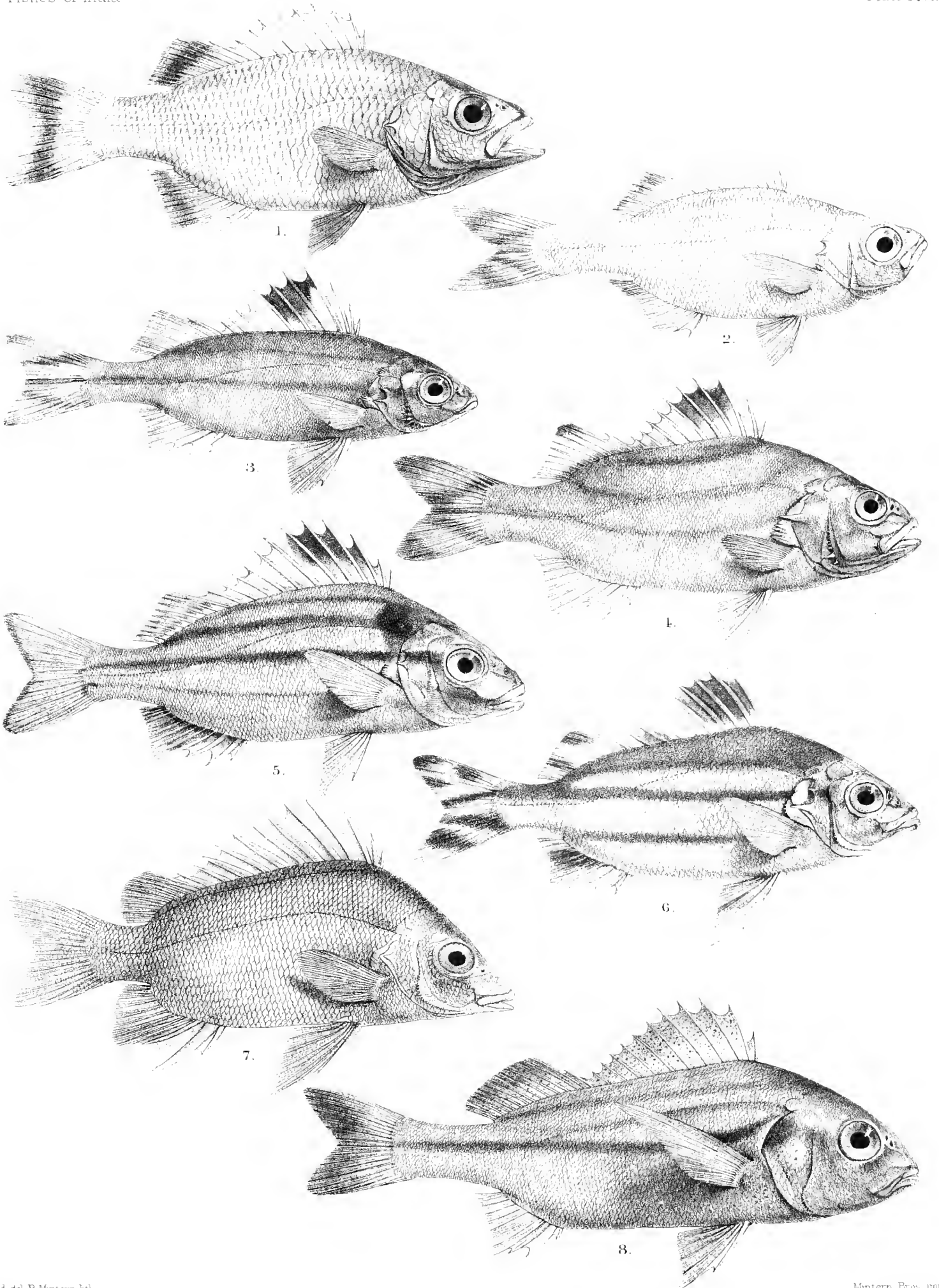


J. H. Ford del. R. Mutton, lith

M. S. P. S. P. S.

1 APOGON ELLIOTTI 2 A. AURITUS 3 A. SANGIENSIS 4 A. MACROPTERUS 5 A. HYALINOMA  
6 A. CERAMENSIS 7 A. ORBICULARIS 8 & 9 THEILODIPTERUS LINEATUS



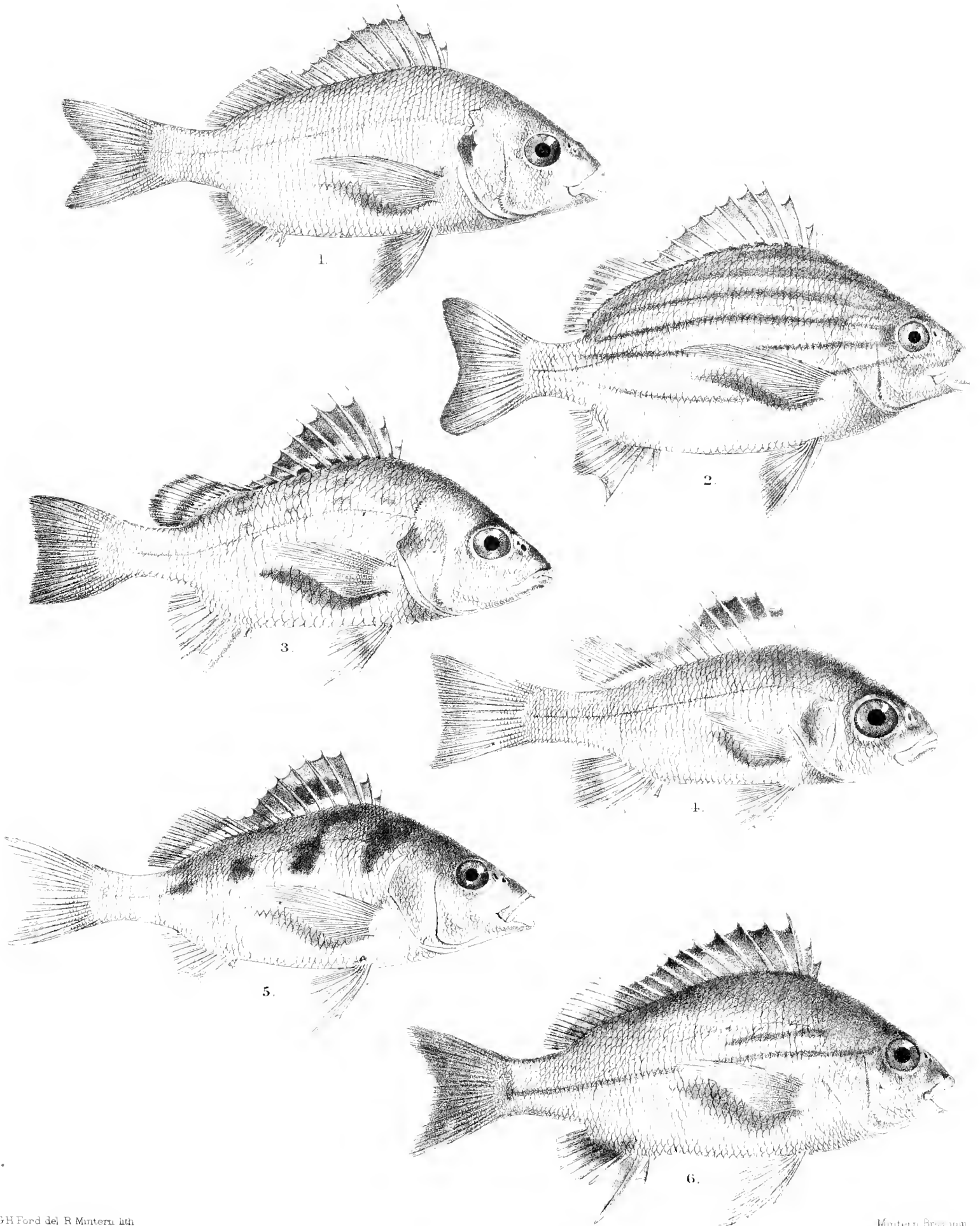


JH Ford del R Mantern lth.

Mantern Pros. imp

1. DULES MARGINATUS    2. D. ARGENTEUS.    3. THERAPON PUTA    4. T. JARBUA.    5. T. QUADRILINEATUS  
 6. T. THERAPS    7. DATIHA ARGENTEA    8. PRISTIPOMA NAGEB



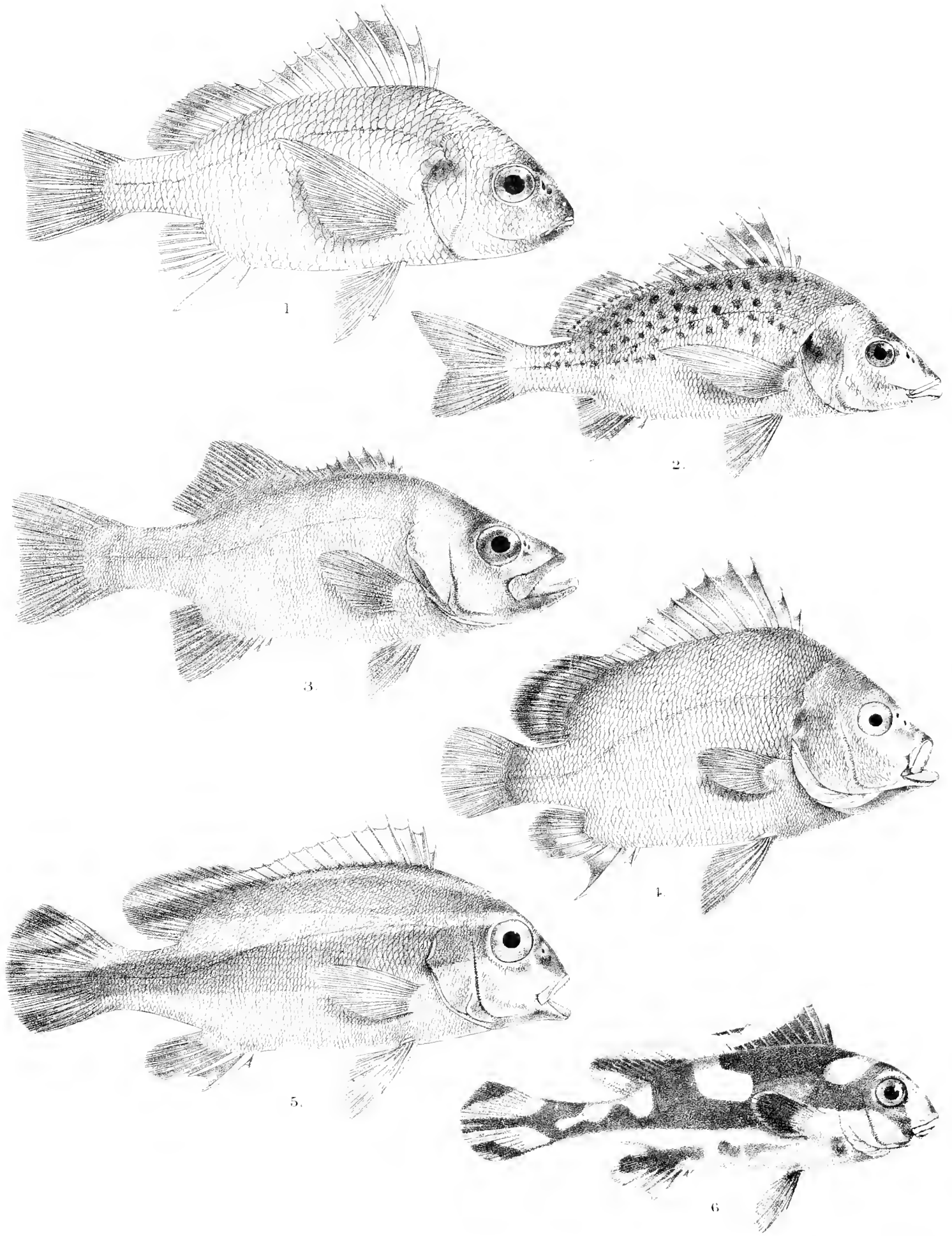


G.H. Ford del. R. Minteru lith.

Minteru Bras. imp.

1. PRISTIPOMA OLIVACEUM    2. P. FURCATUM    3. P. HASTA    4. P. HASTA (YOUNG ♀)  
 5. P. MACULATUM    6. P. DUSSUMIERI

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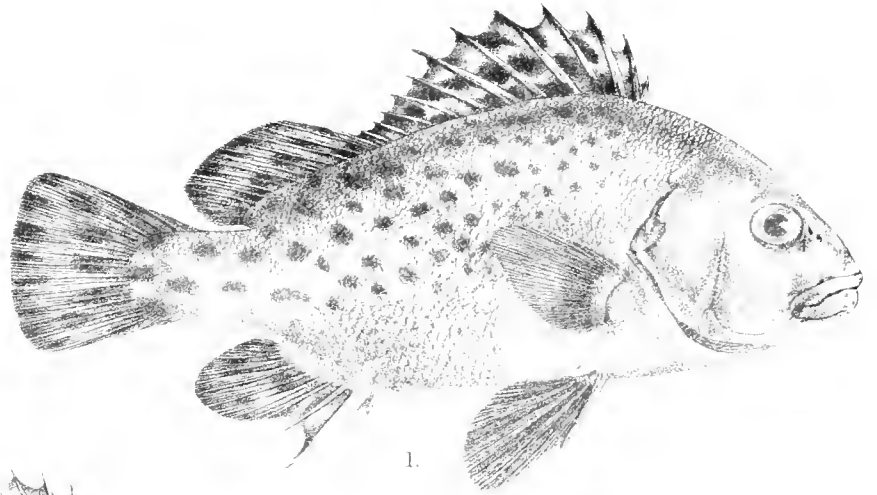
G.H. Ford del. R. Muntern lith.

Walter Br. imp.

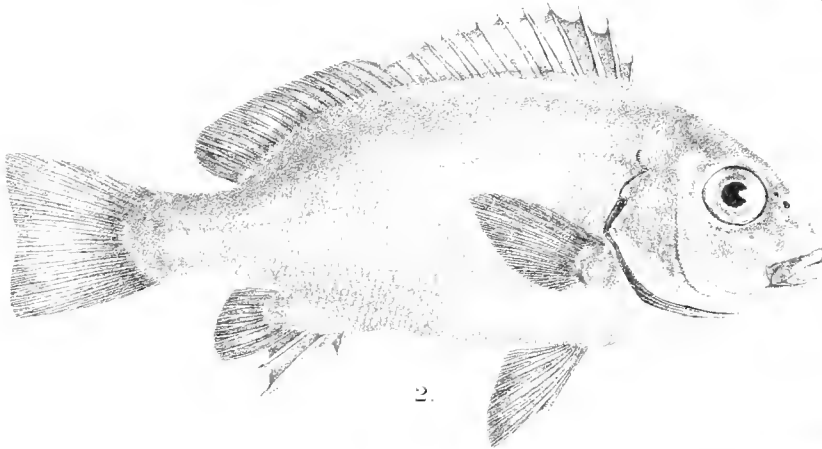
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 5. D. LINEATUM      6. D. ORIENTALE.

MET  
HAR  
CANADA USA

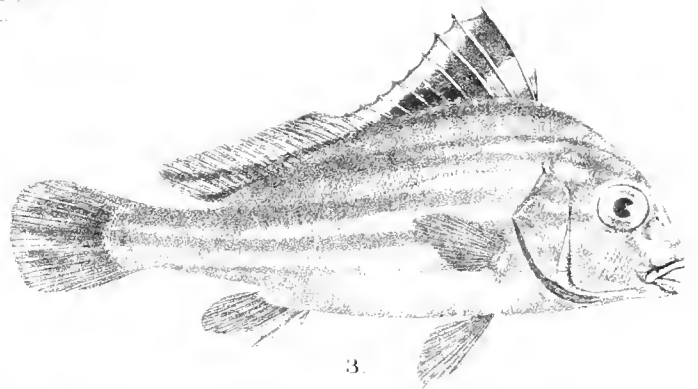




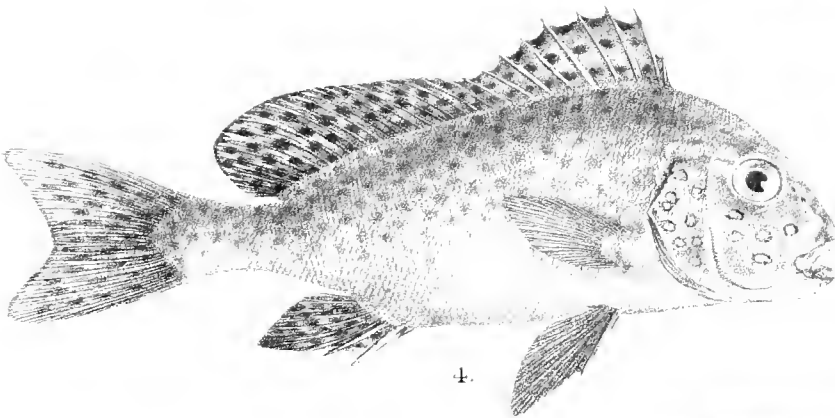
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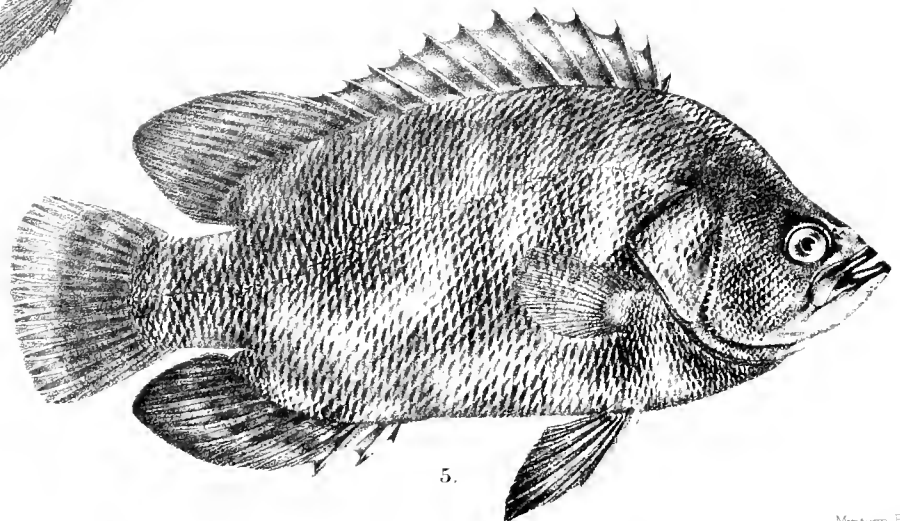
2.



3.



4.



5.

G.H. Ford del. Susini lith.

Mintern Br. imp.

1. DIAGRAMMA CINCTUM

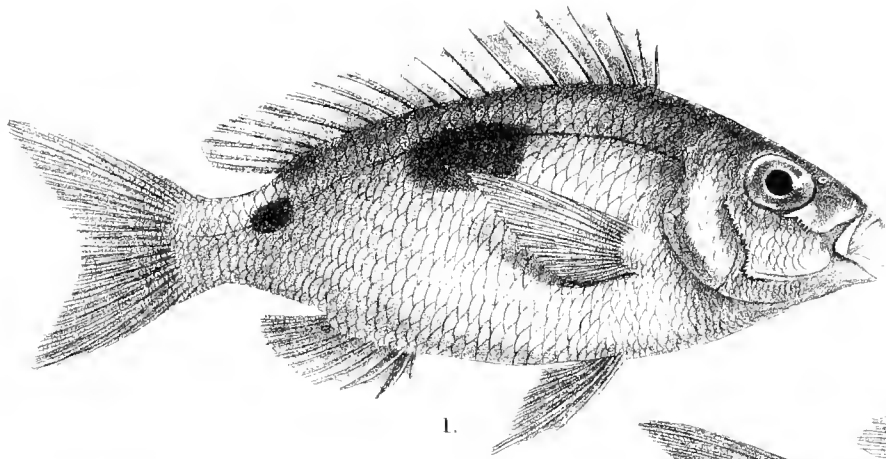
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3. D. PICTUM

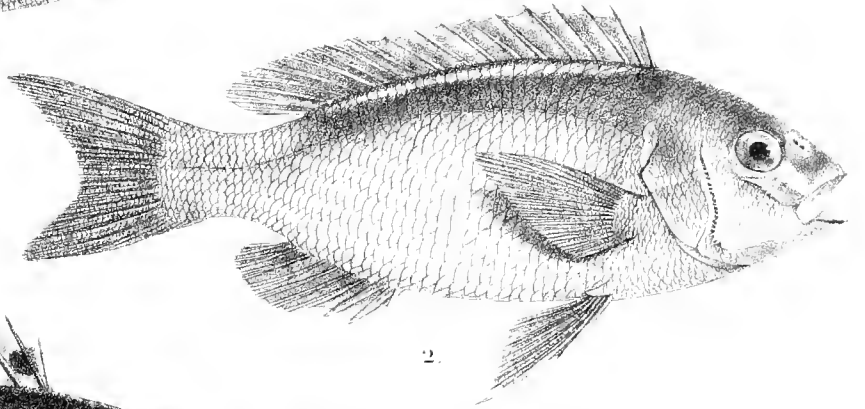
4. D. PUNCTATUM

5. LOBOTES SURINAMENSIS

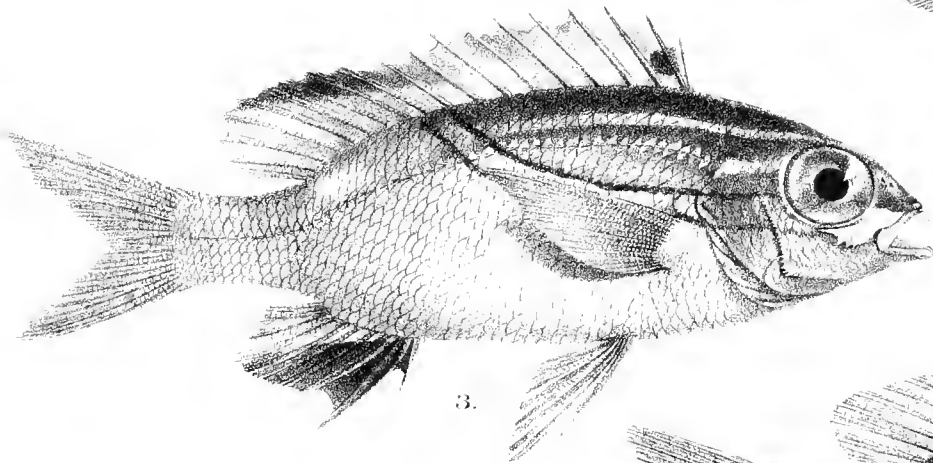




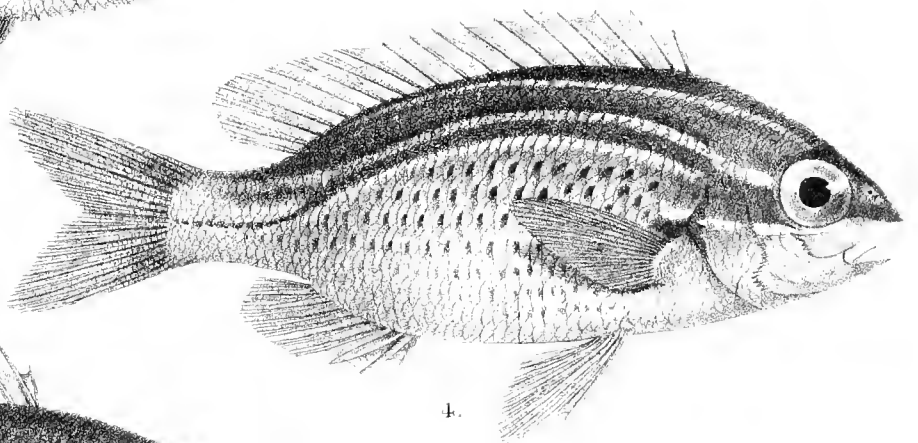
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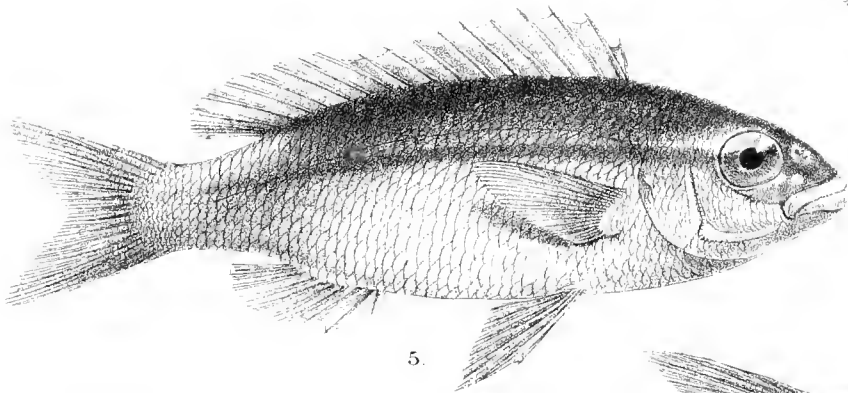
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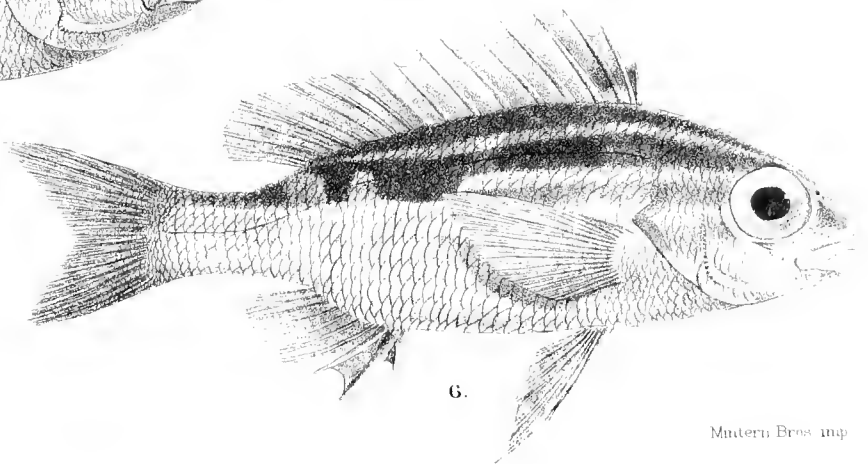
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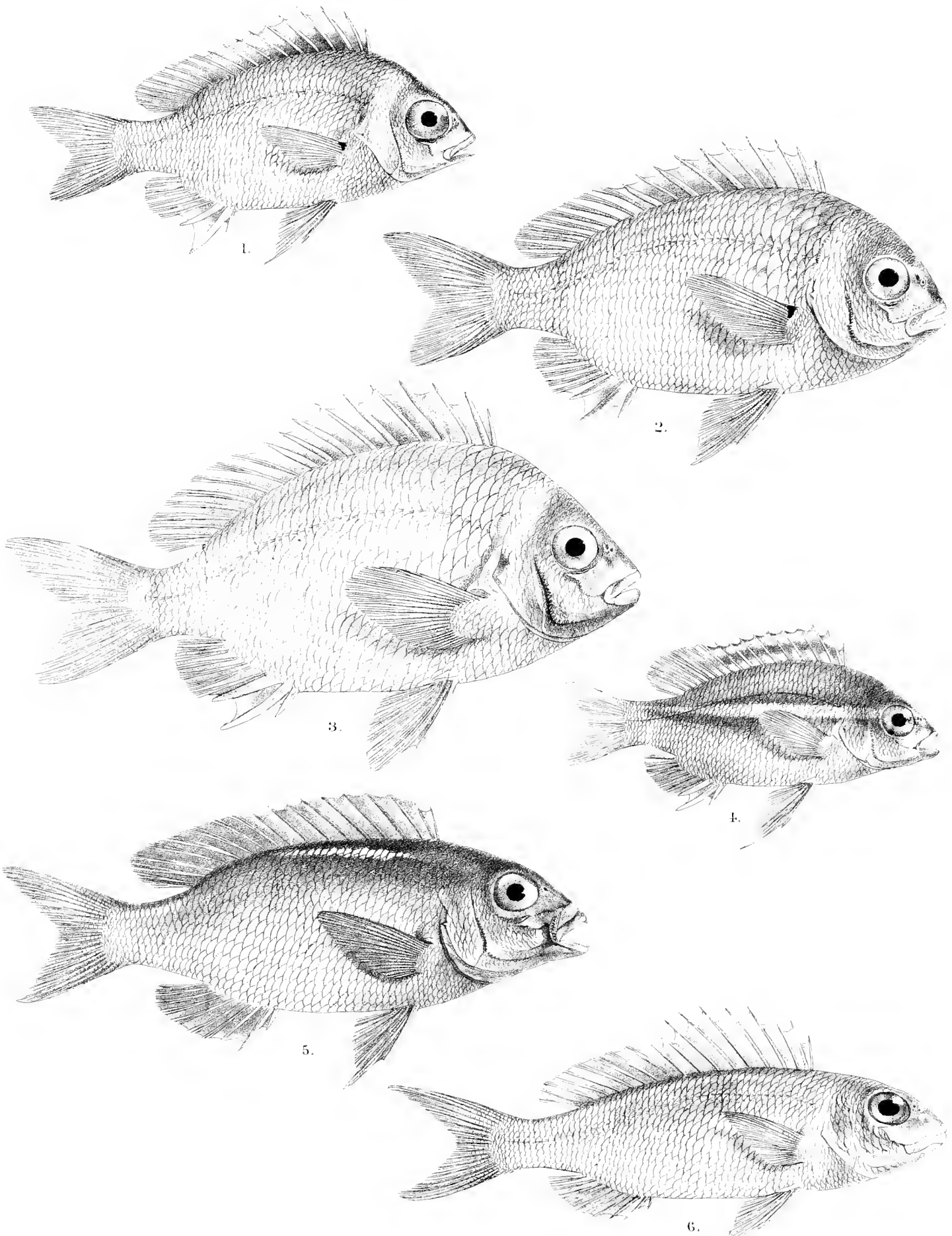
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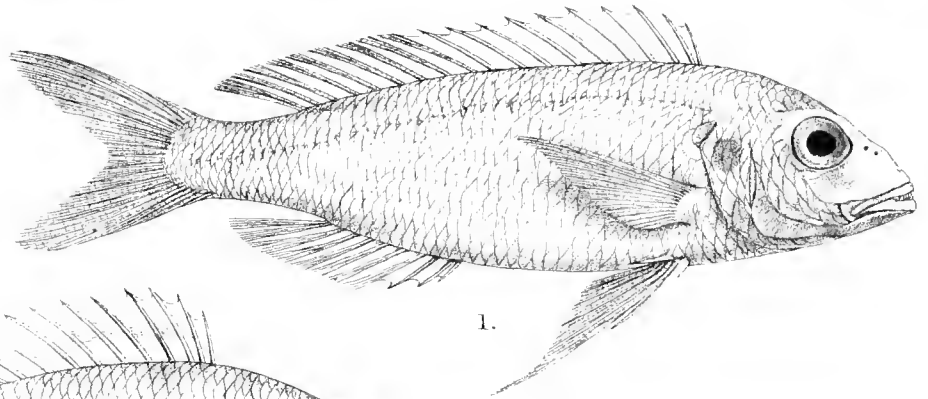
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 5 S MONOGRAMMA.    6 S. CANCELLATUS



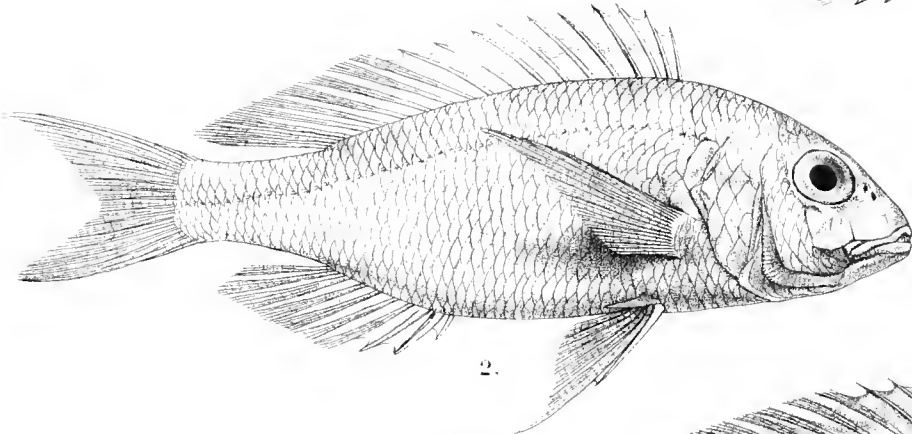


1, SCOLOPSIS VOSMERI (YOUNG) 2, S. VOSMERI (SEMI-ADULT) 3, S. VOSMERI (ADULT) 4, S. LEUCOSTAENIA  
 5, S. CILIATUS. 6, SYNAGRIS TOLU.

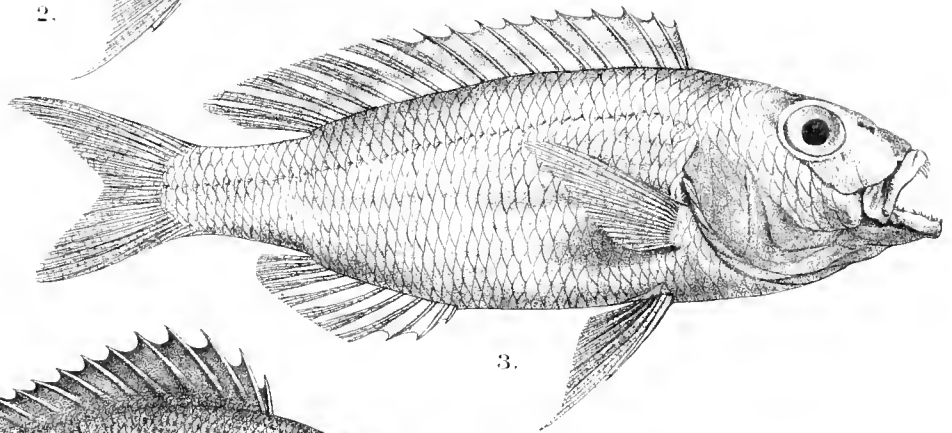
MONTAGNA  
HARVESTED BY  
CARLO ALBA



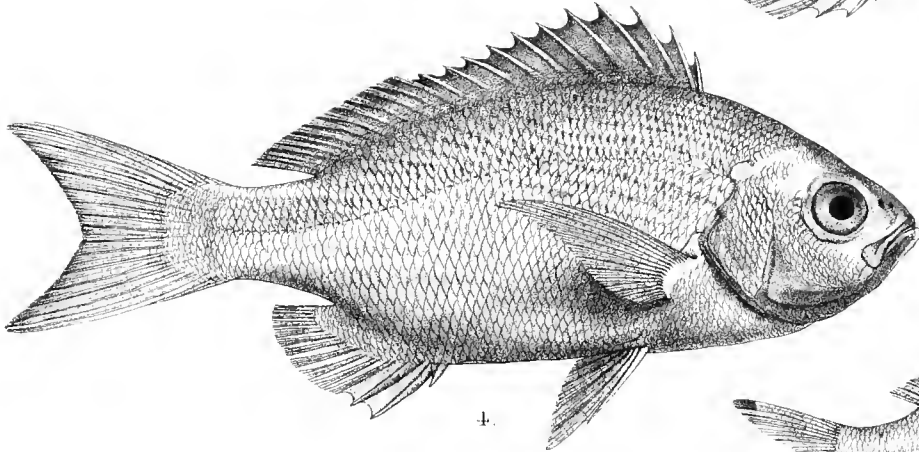
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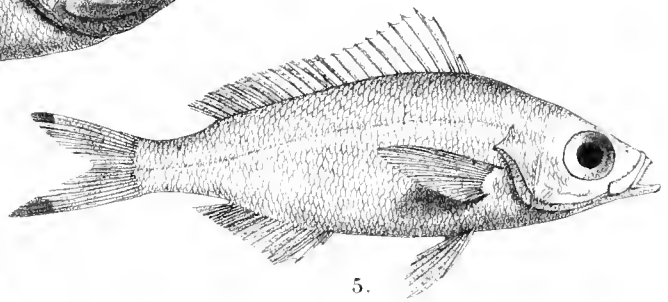
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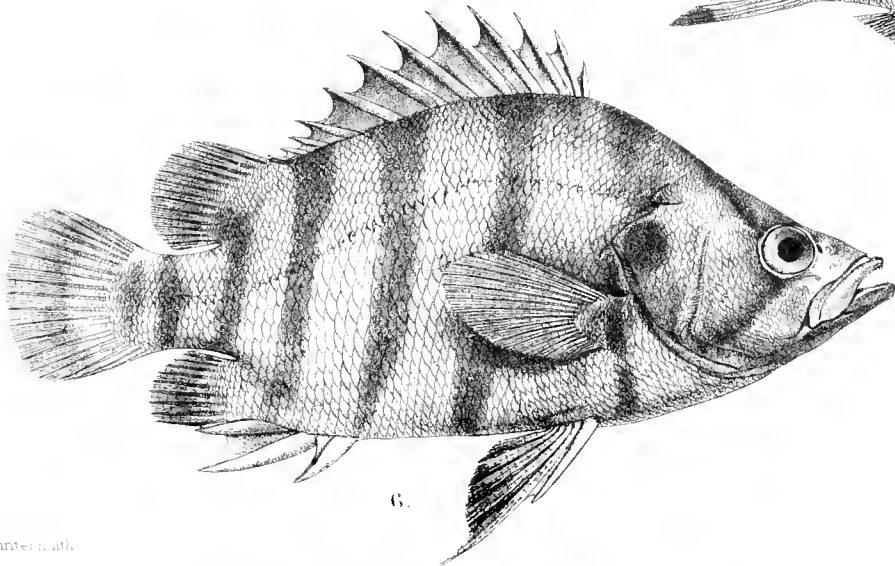
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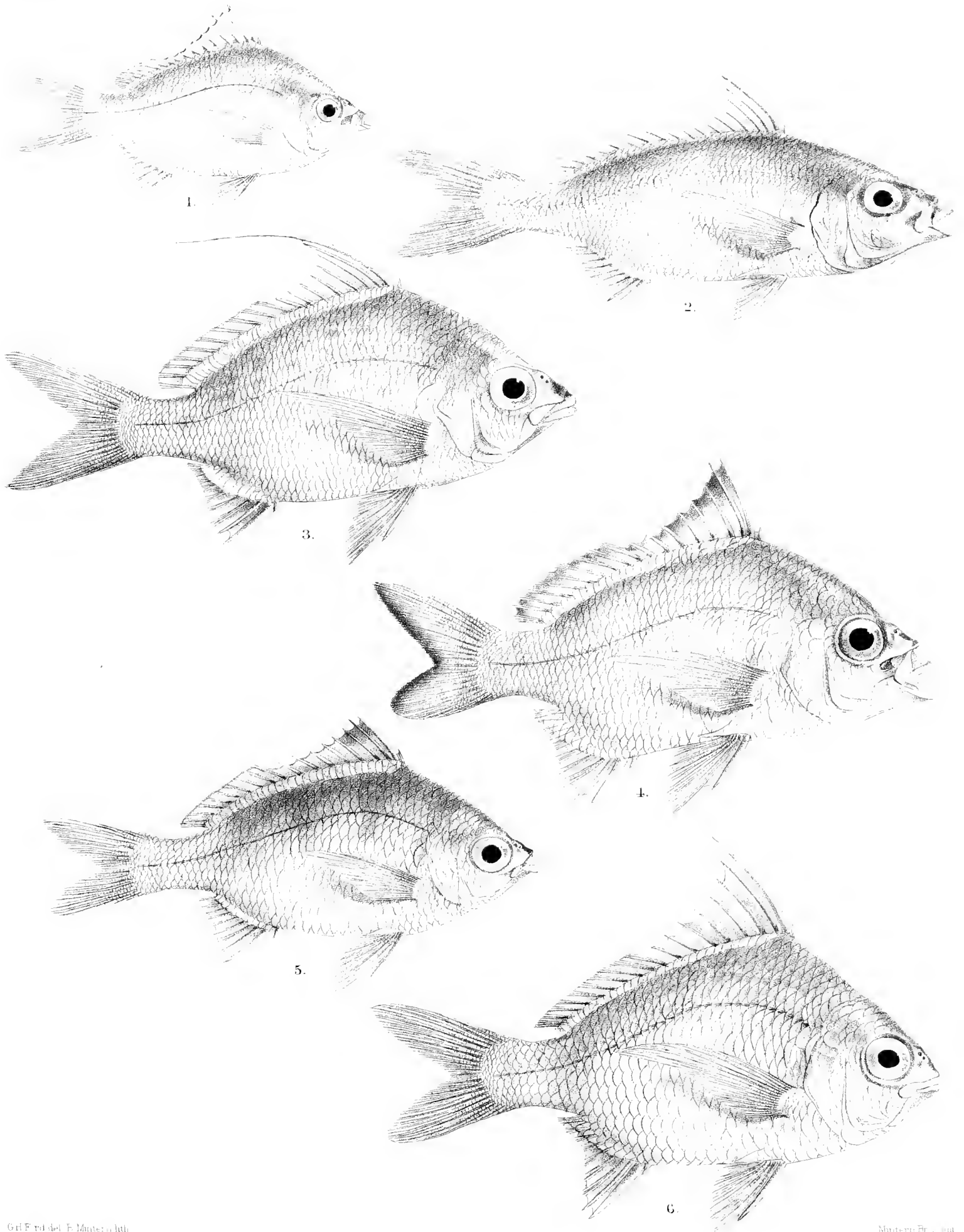


6.

1, SYNAGRIS BLEEKERI 2, S. JAPONICUS 3, S. NOTATUS 4, CAESIO PINJALO  
 5, C. CHRYSOZONA VARIETY AUROLINEATUS 6, DATNIOIDES POLOTA

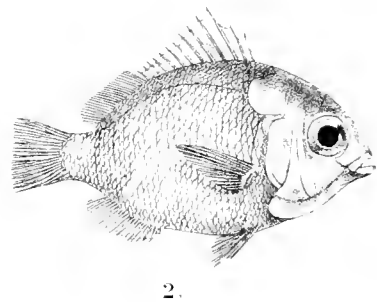
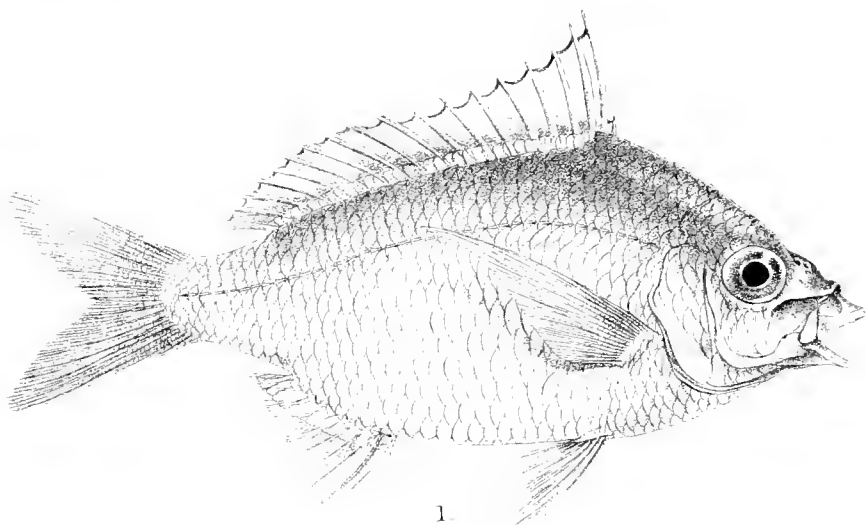
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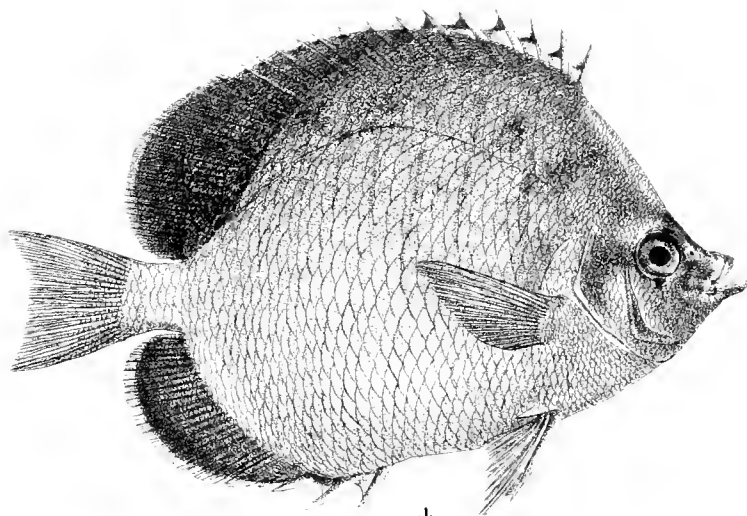
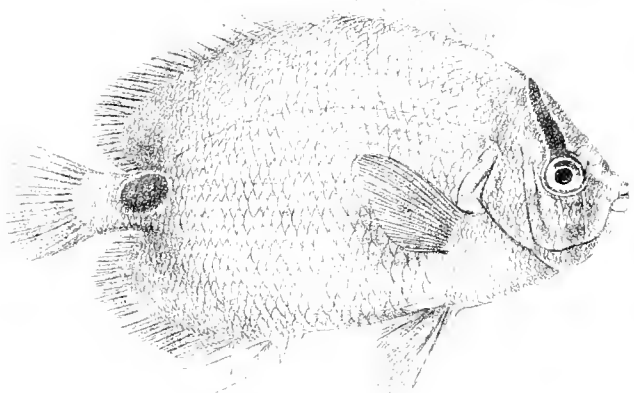
1, GERRES SETIFER. 2, G OBLONGUS 3, G FILAMENTOSUS 4, G OYENA  
 5, G LUCIDUS. 6, G ABBREVIATUS

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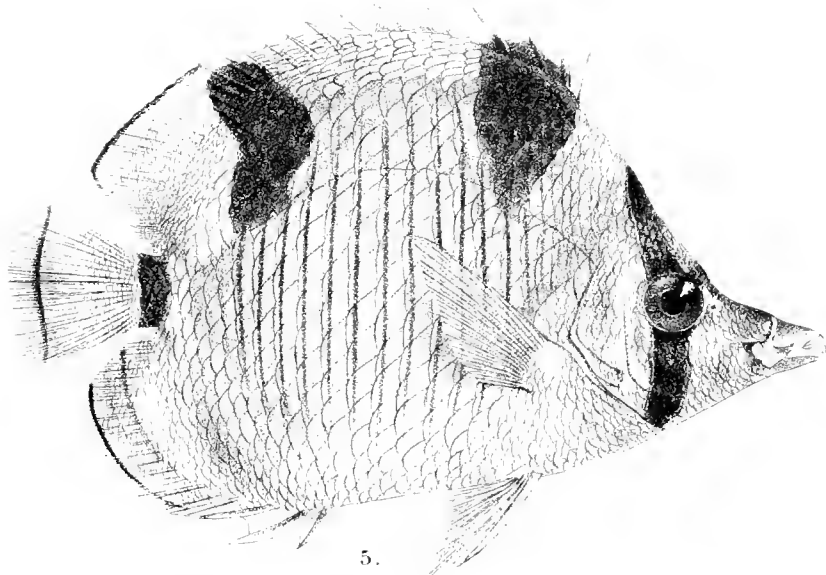
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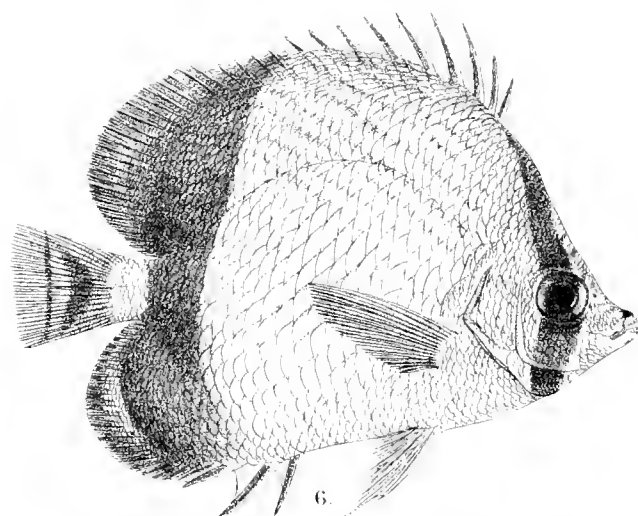


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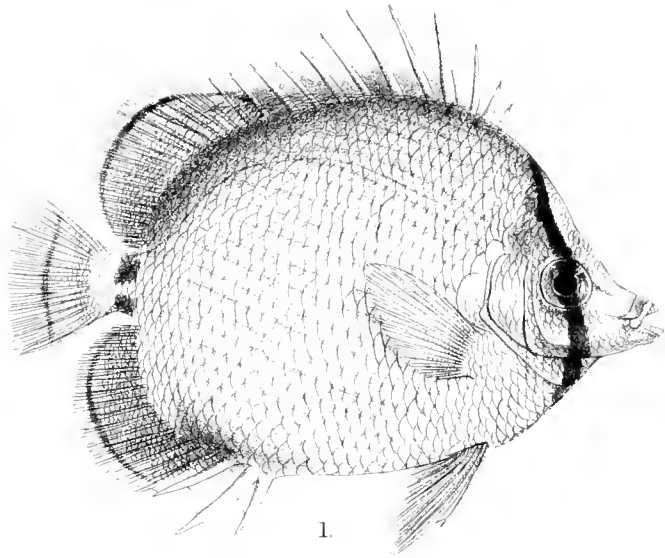
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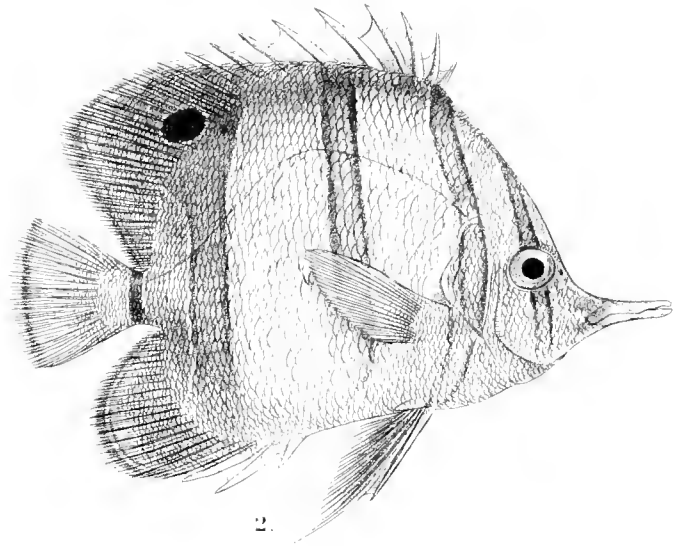
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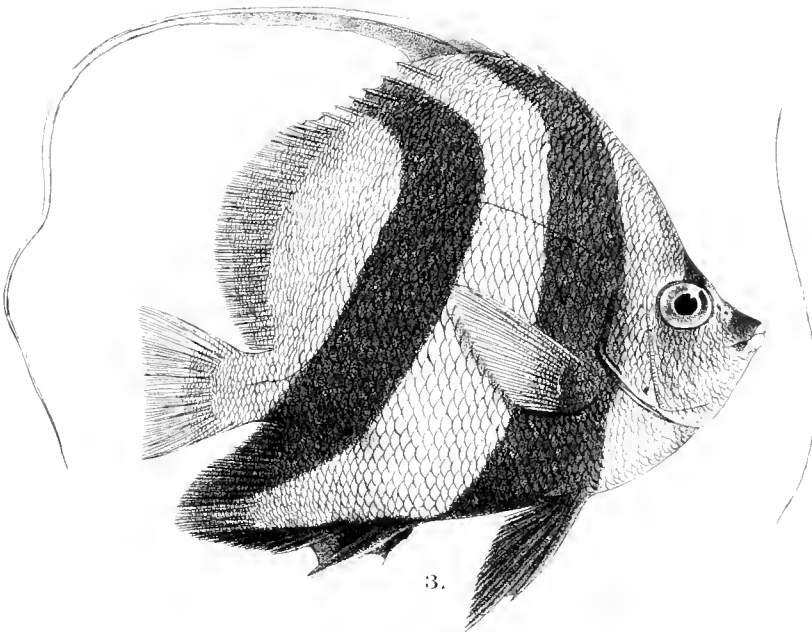
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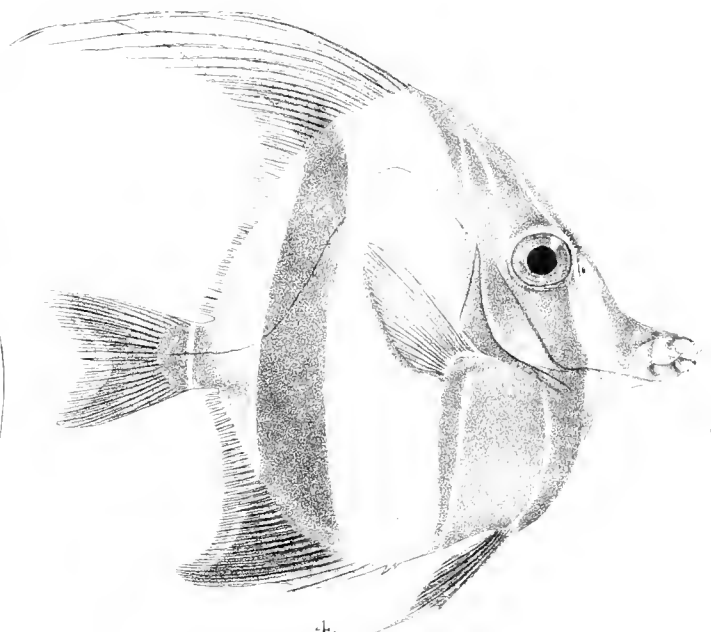
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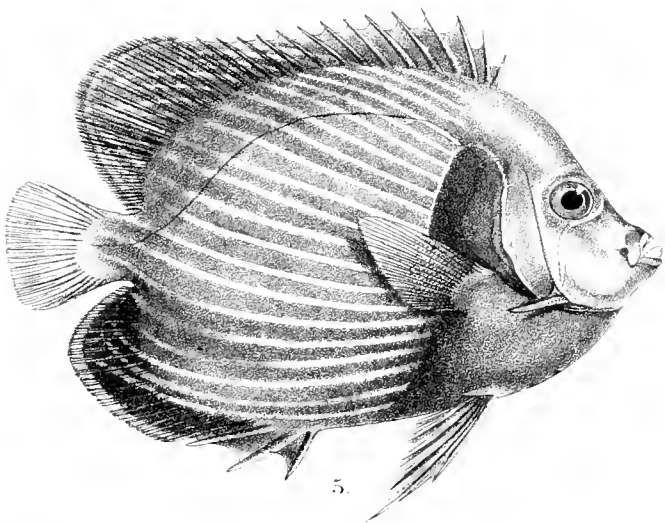
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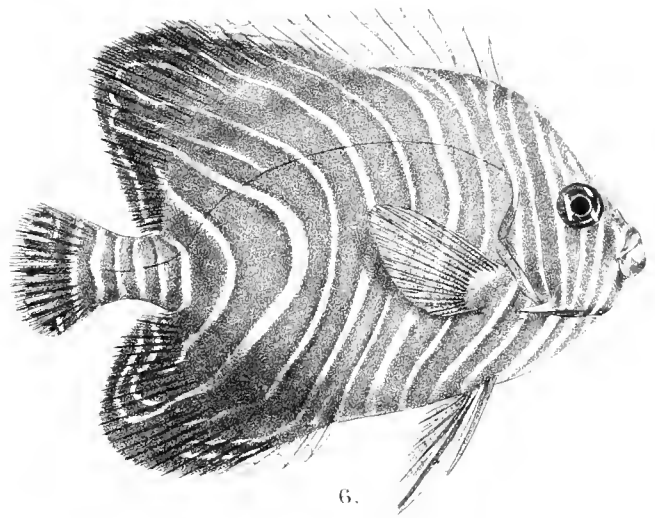
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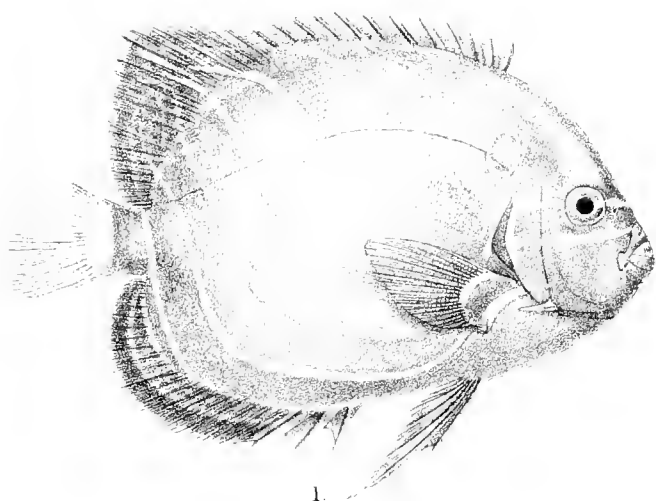
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Illustrated from the original.

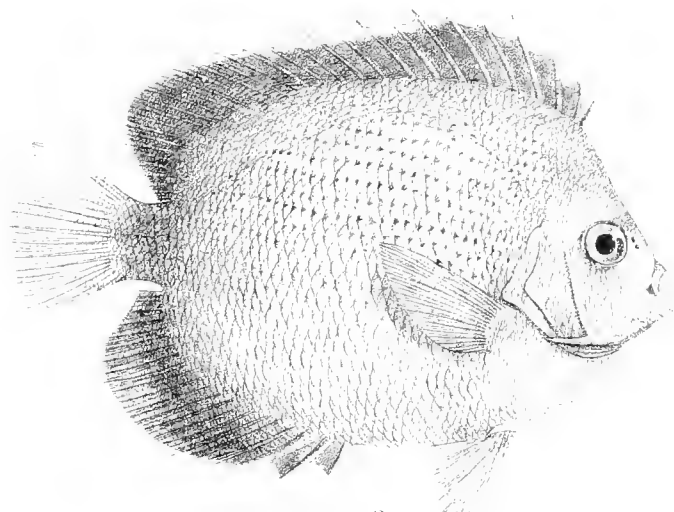
Modern British

1. *PETODON MELANOTUS*. 2. *CHELMUS ROSTRATUS*. 3. *HENIOCHUS MACROLEPIDOTUS*. 4. *ZANCLUS CORNUTUS*.  
5. *HOLACANTHUS IMPEPATOR*. 6. *H. NIOBARIENSIS* (VAR. *SEMICIRCULATUS*)

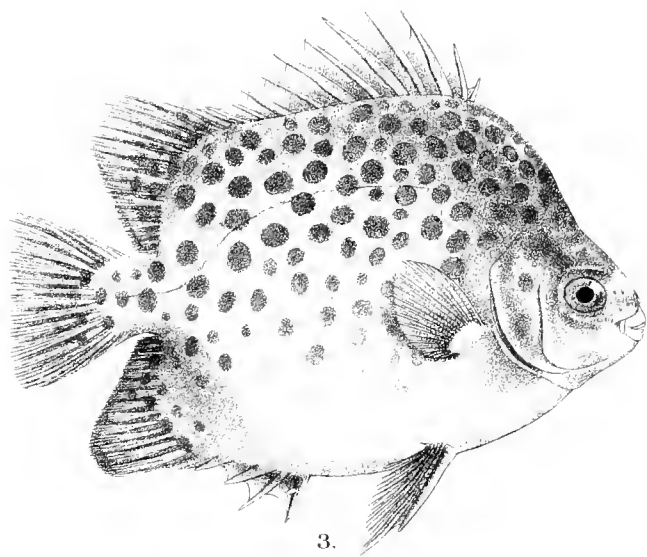




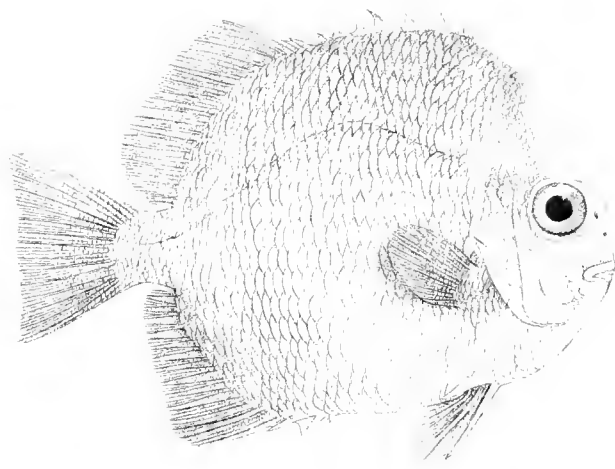
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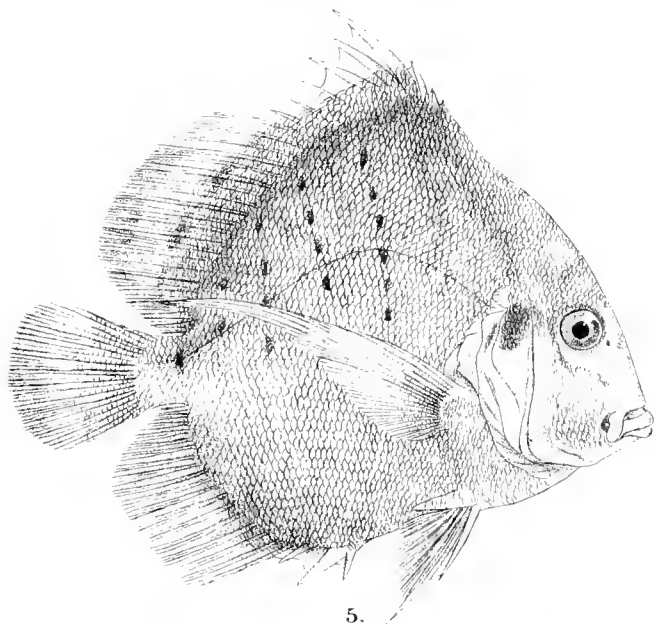
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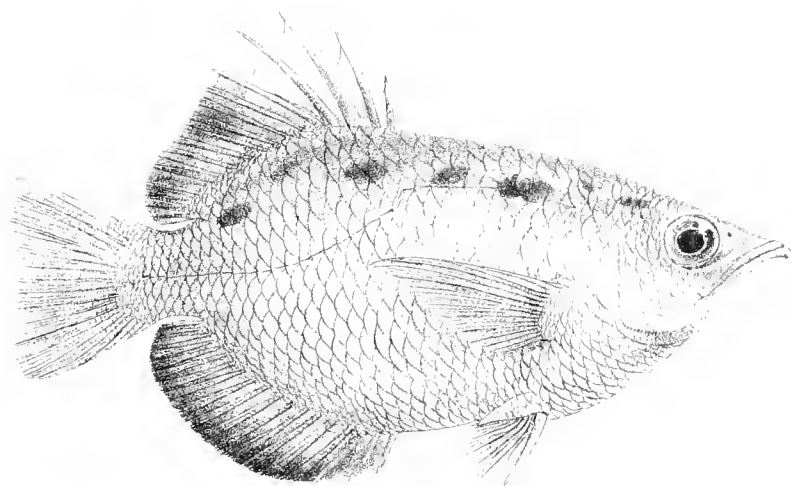
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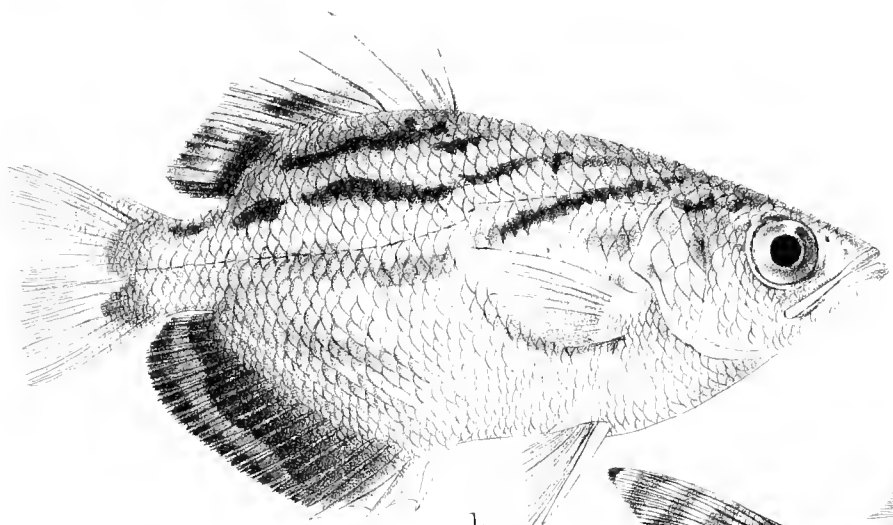
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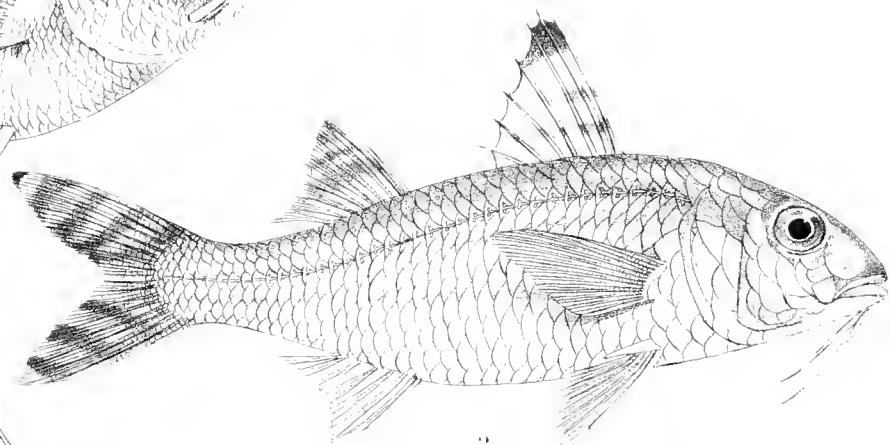
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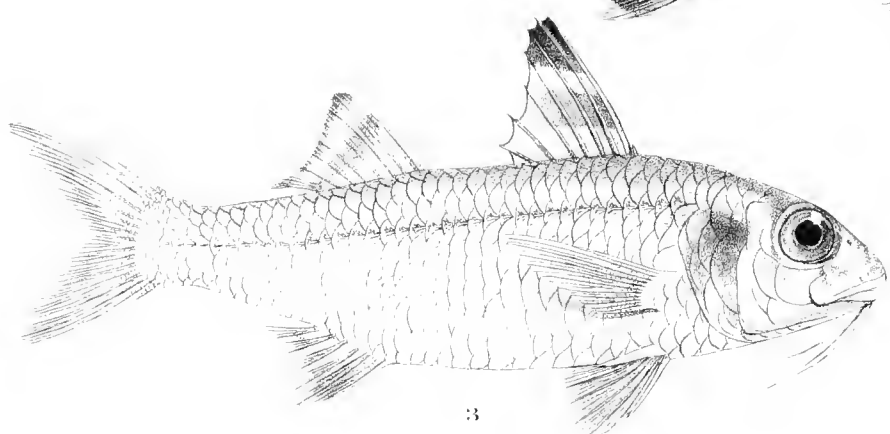




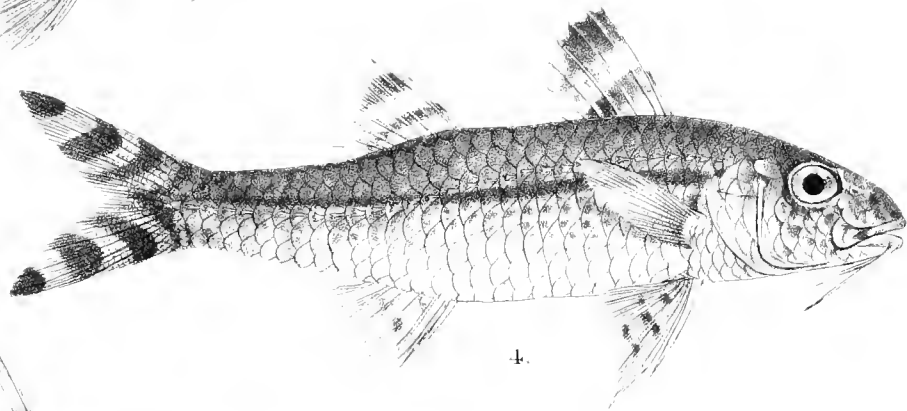
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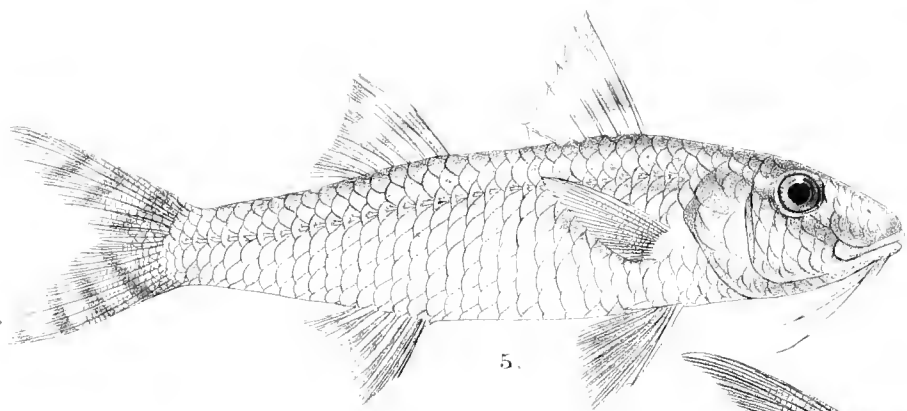
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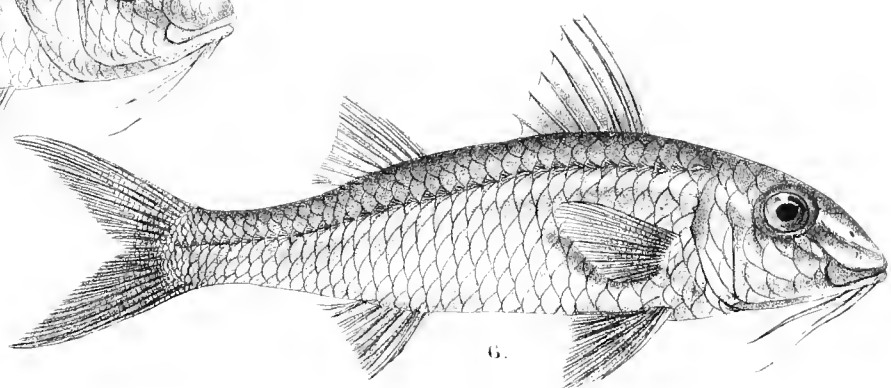
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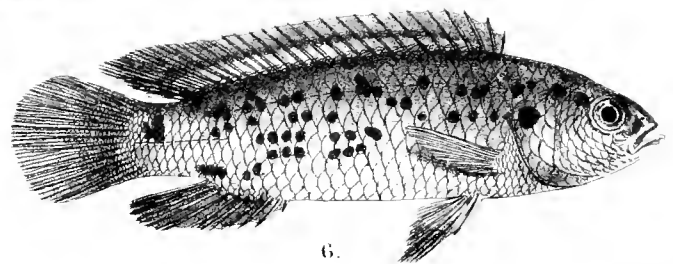
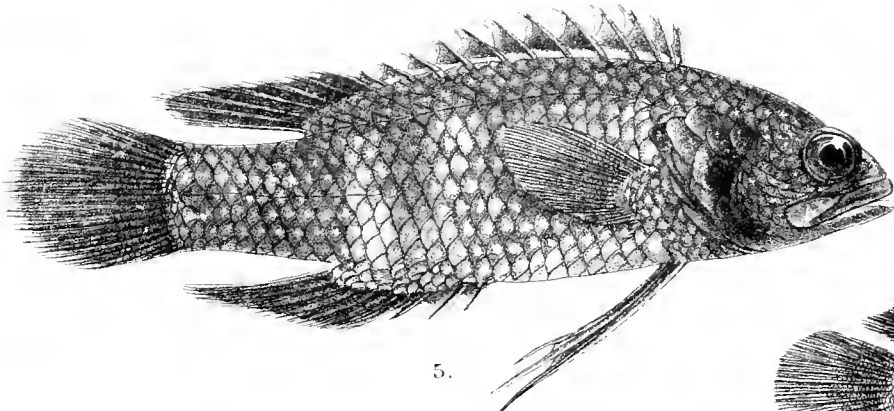
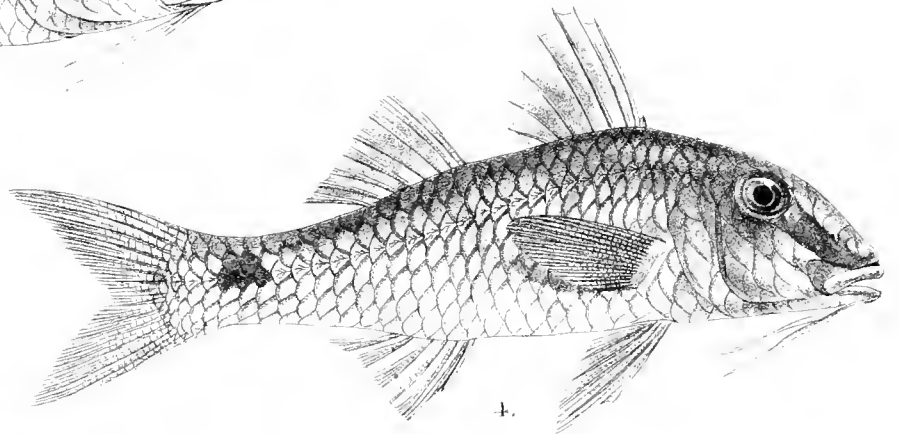
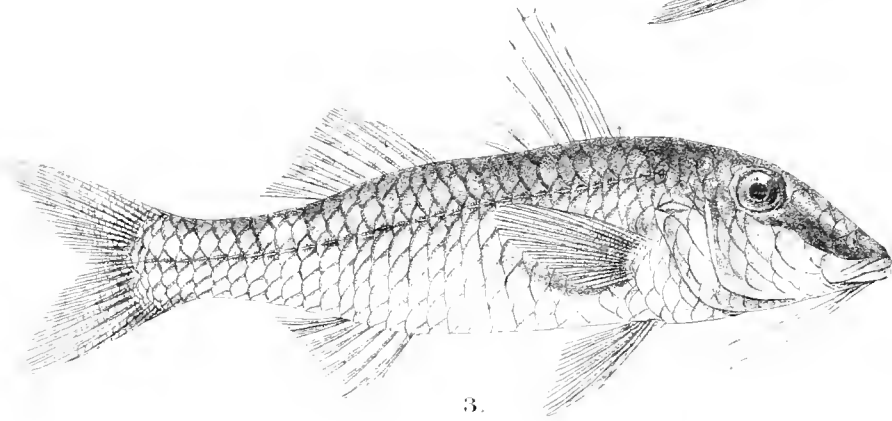
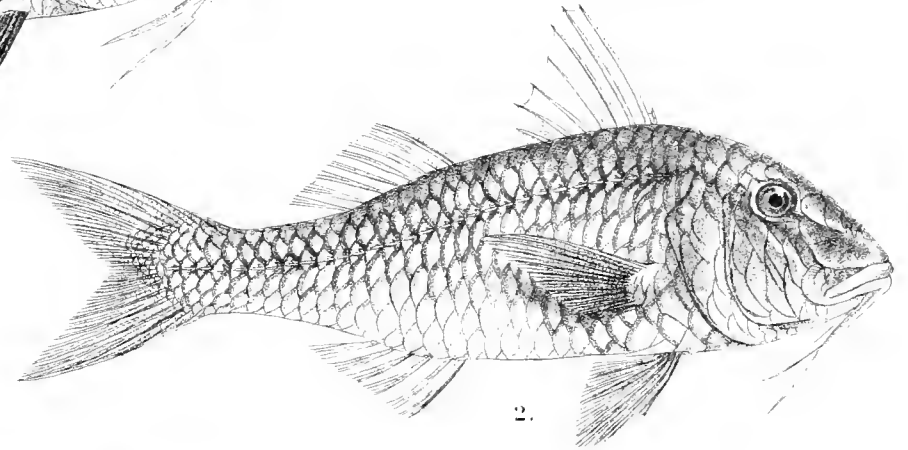
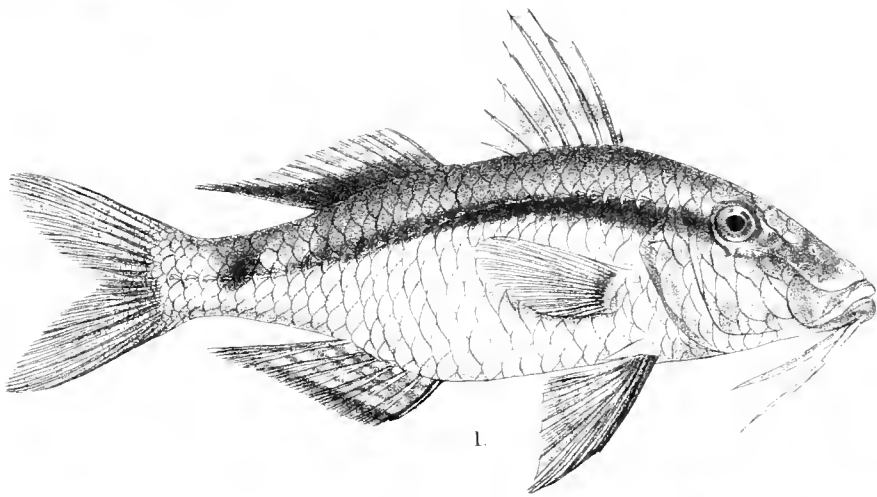
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Ford del. Münster lib.

Münster Bros imp.

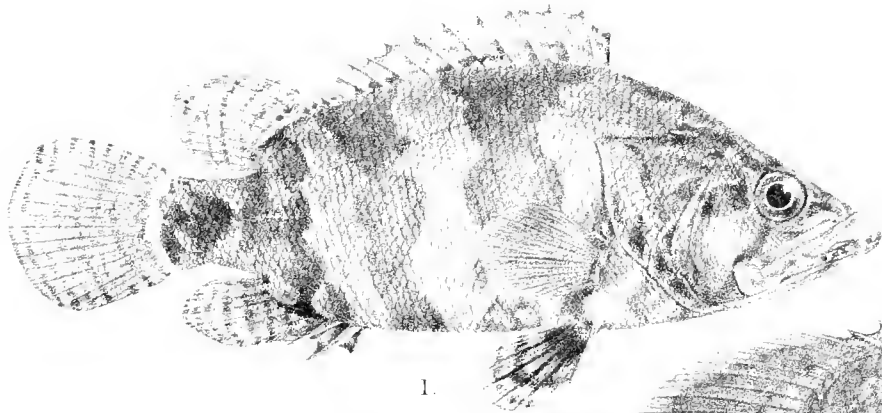
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 5, U. BENSASI.    6, U. FLAVOLINEATUS

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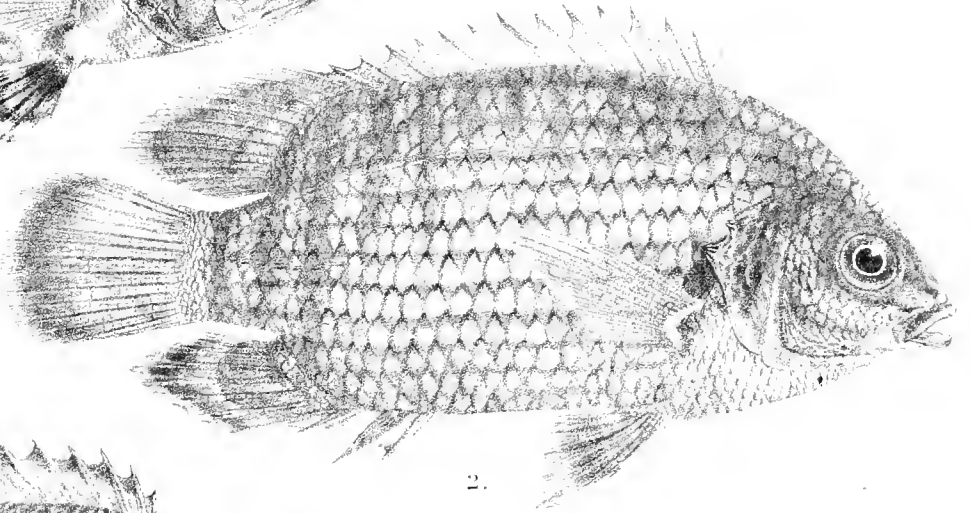


1. *UPENEUS MACRONEMUS* (F. B. SHERRIN) 2. *U. DISPLURUS* (F. B. SHERRIN)  
 3. *PLESICIPS NIGRIDANS* (F. B. SHERRIN) 4. *U. INDICUS* (F. B. SHERRIN)  
 5. *U. DISPLURUS* (F. B. SHERRIN) 6. *U. DISPLURUS* (F. B. SHERRIN)

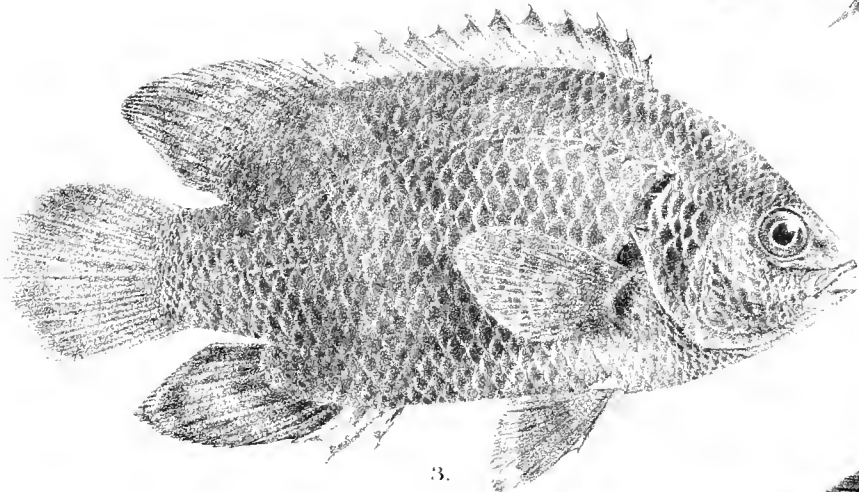
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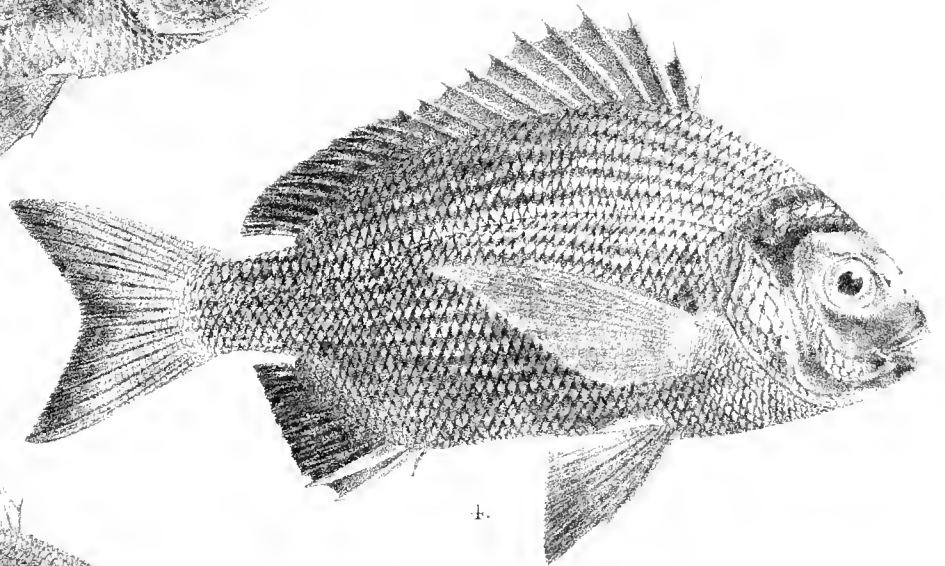
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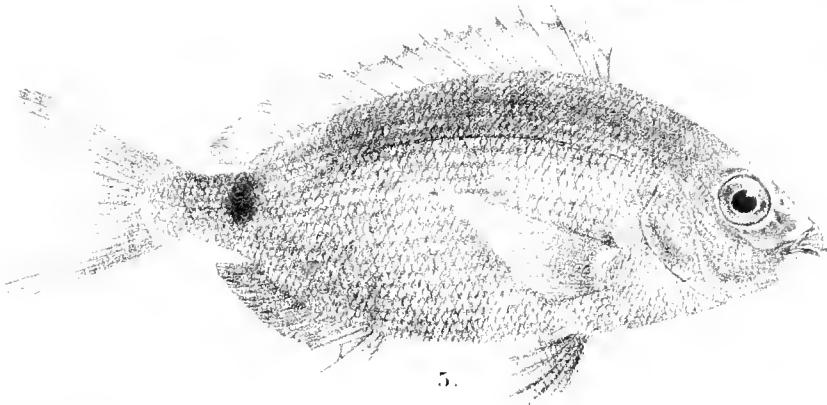
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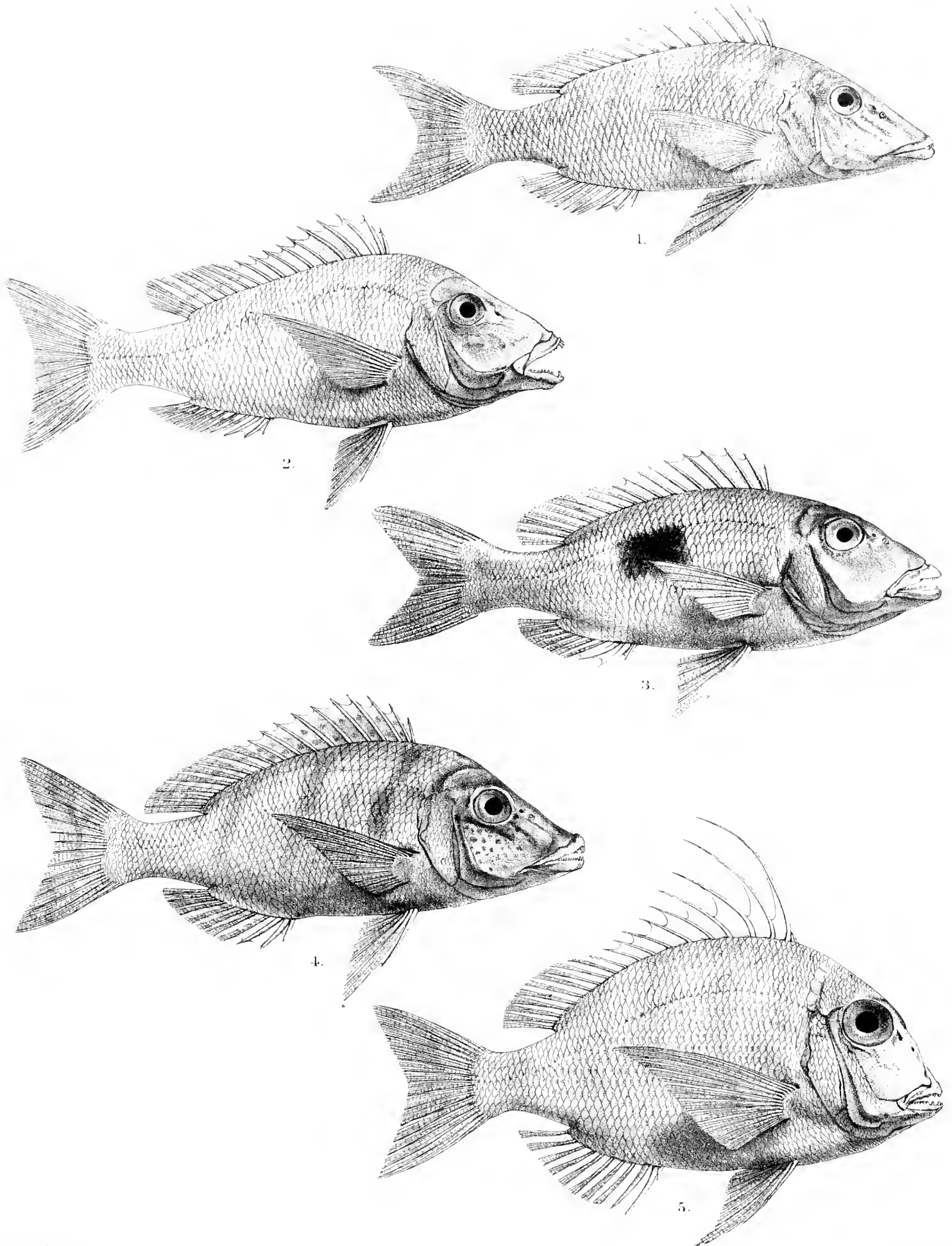
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5.

1, THALIDIUS MARMORATUS. 2, PRISTOLEPIS MALABARICUS. 3, P. FASCIATUS. 4, CRENIDENS INDICUS.  
5, SARGUS NOCT.

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G.H. Ford and P. Matheron del.

Mitsuru Baba imp.

1. L. OSIPA

2. L. KARWA

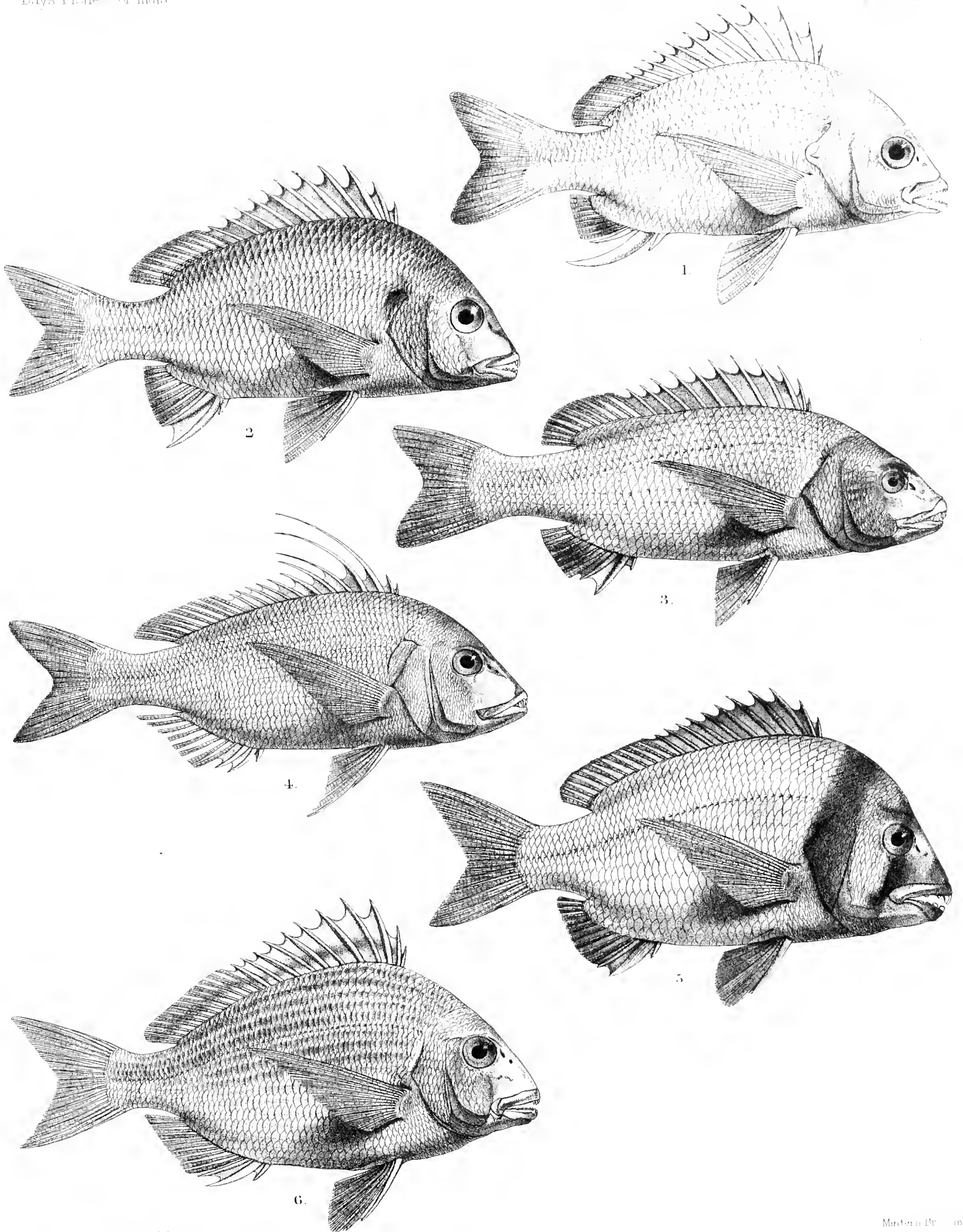
3. L. HARAK

4. L. NEBULOSUS

5. LAGRUS SPHIFER

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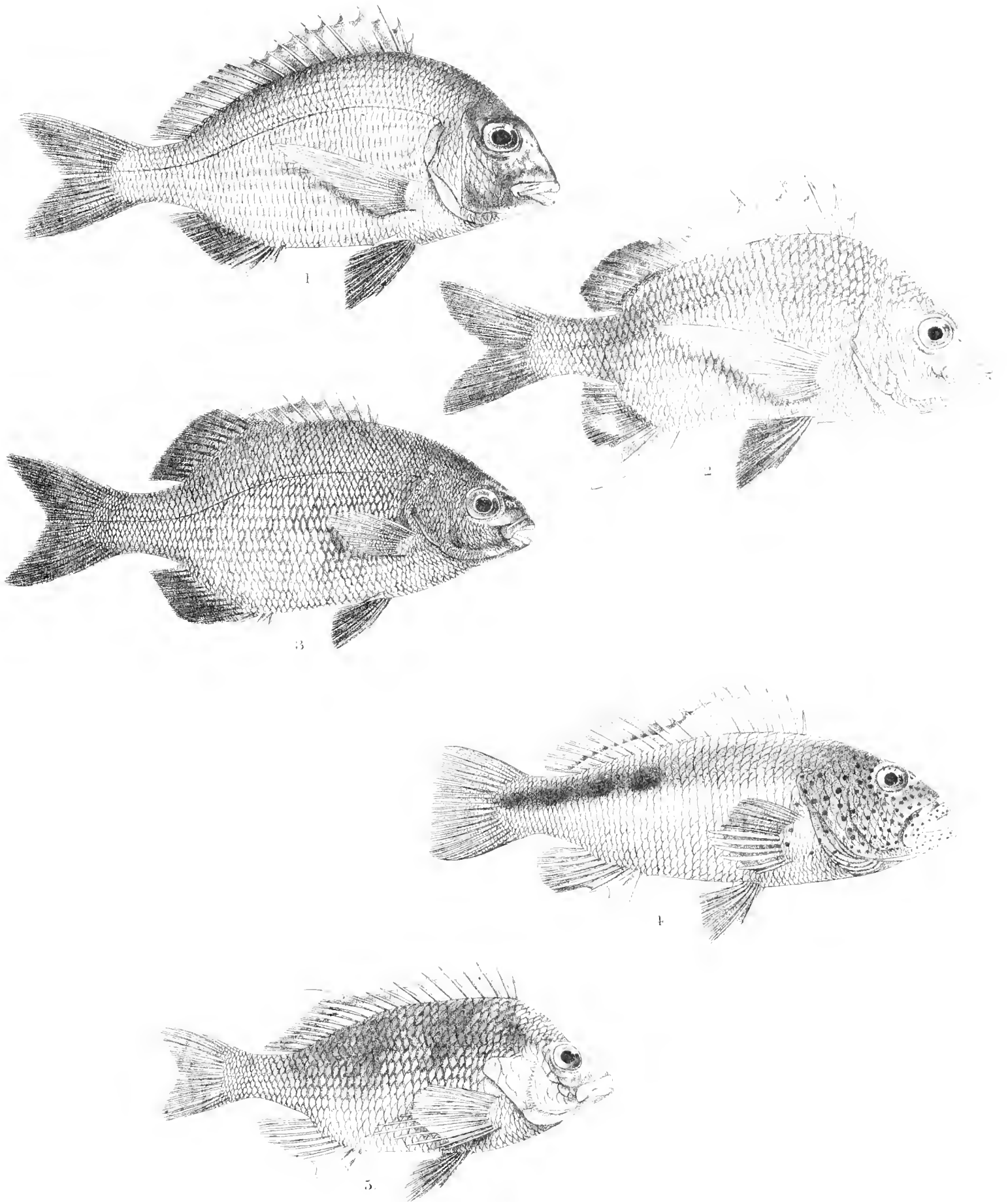


G.H. Ford del. R. Münster lith.

Münster Pl. 109

1, CHRYSOPHRYS DATNIA      2, C. BERDA      3, C. CUVIERI      4, DENTEX NUFAR  
 5, CHRYSOPHRYS BIFASCIATA.      6, C. SAHBA

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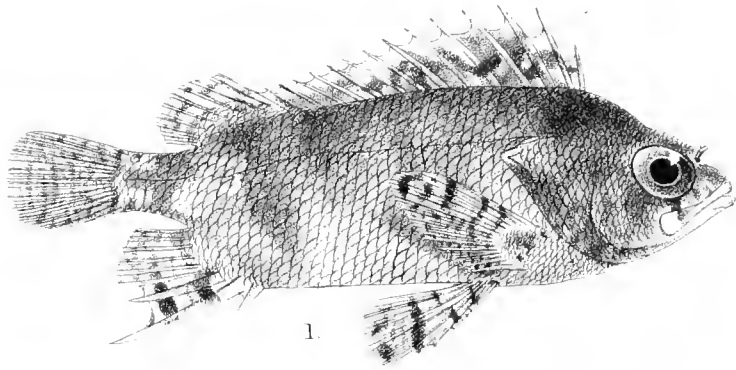


G.H.Ford del R. Minton. lith

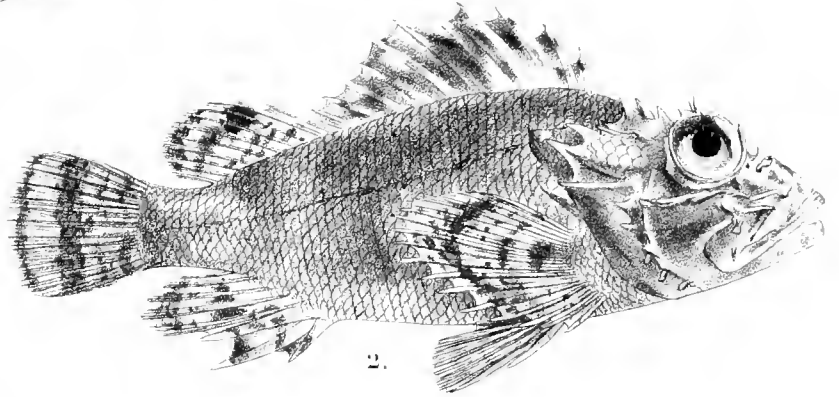
Minton. Del. imp

1, CHEPSOTRUS HAFARA      2, C. BERDA VARIETY (AMARA)      3, PIMELPTERUS MINERASCENS  
 4, CIRRHITES FORSTERI      5, CIRRHILICHTHYS AUREUS

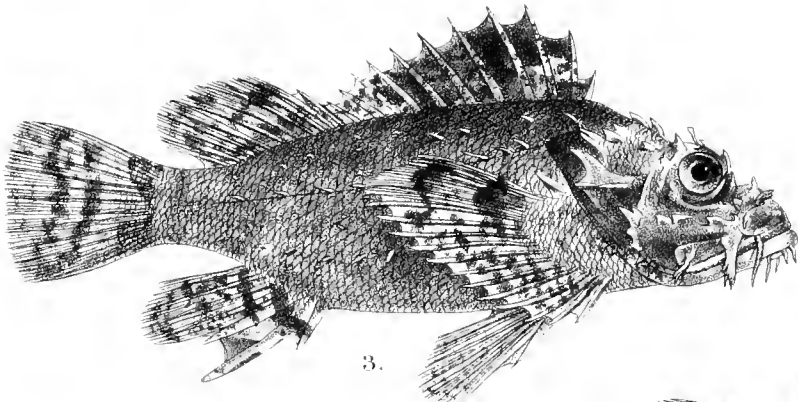
MASSACHUSETTS  
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MASSACHUSETTS USA



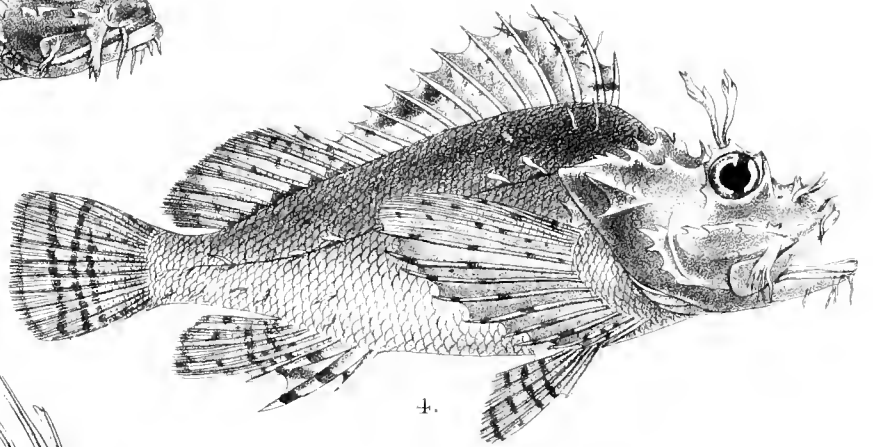
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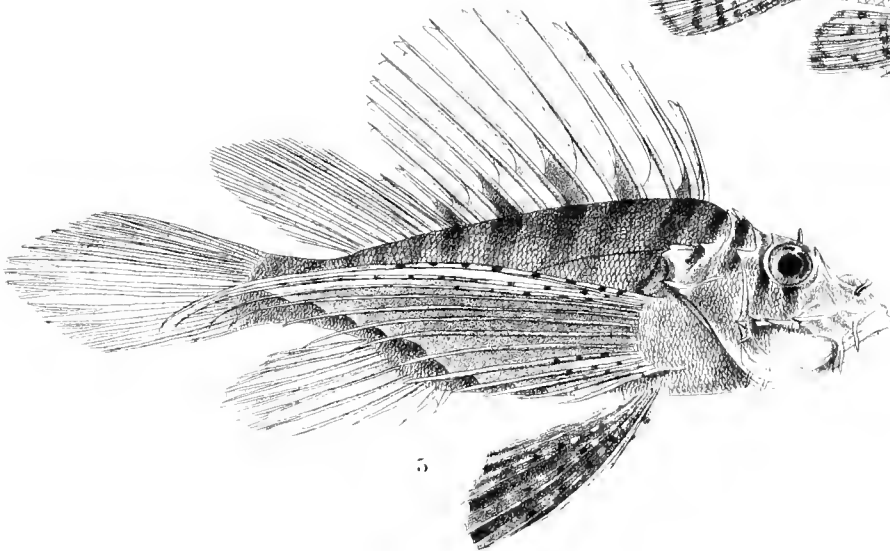
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1. SEBASTES STOLICZKE

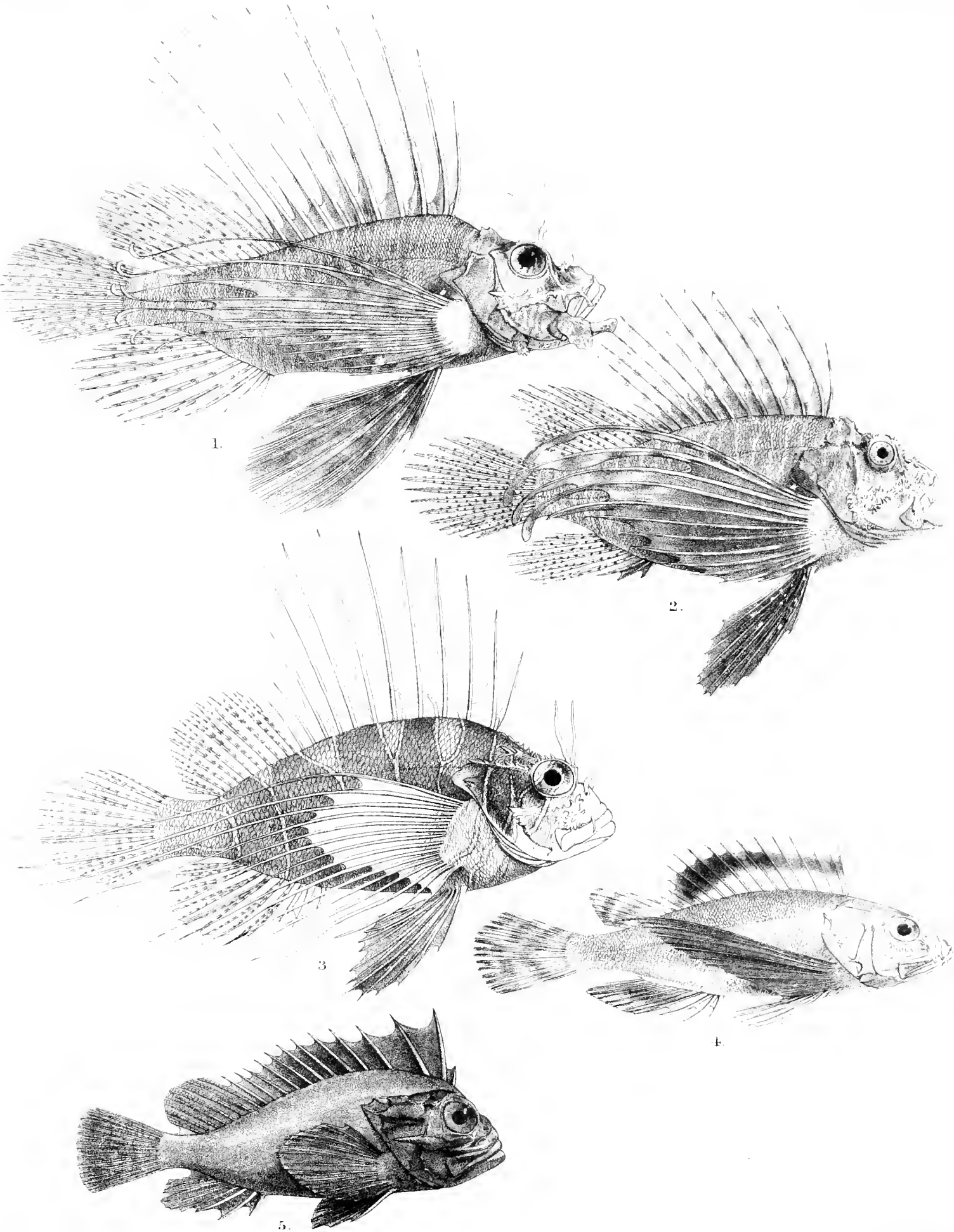
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+ S. ROSEA

HAPLOCEPHALA

5. PTERONOTUS  
RUSSELLI

SCORPENA RUBESCENS (C. PHILIP)

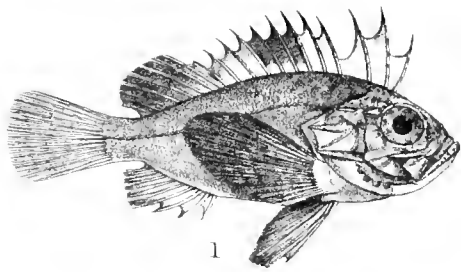
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HARVARD UNIVERSITY  
CAMBRIDGE, MA USA



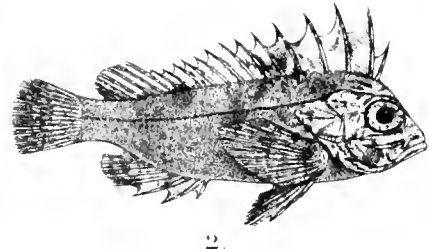
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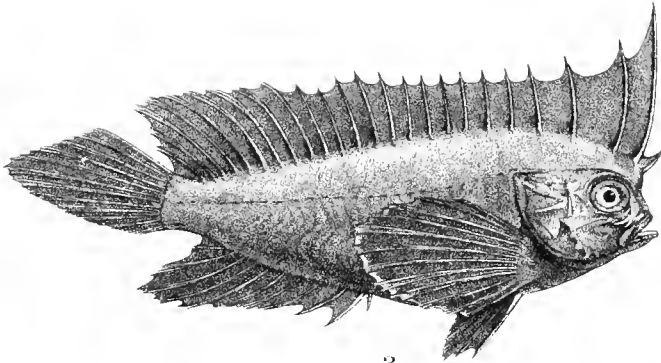




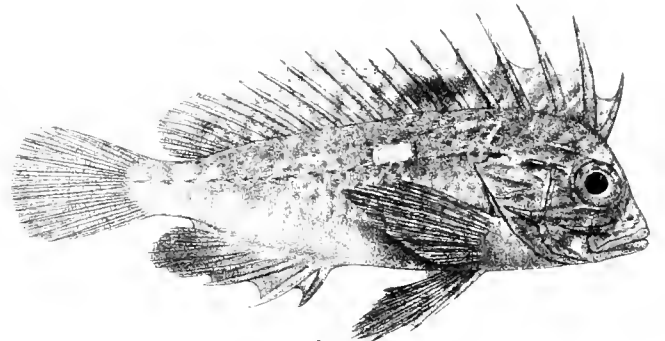
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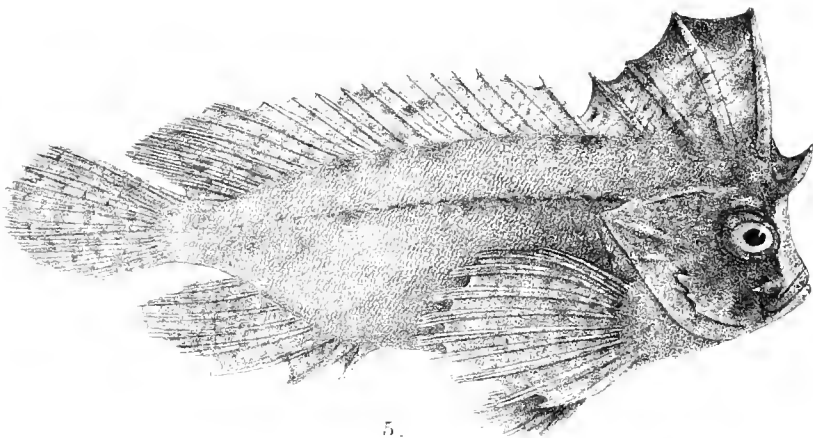
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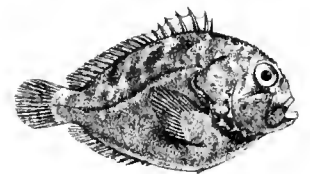
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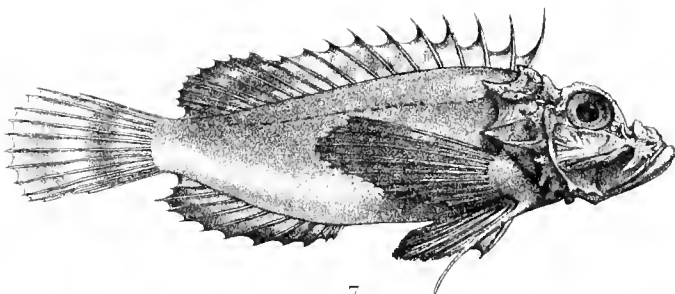
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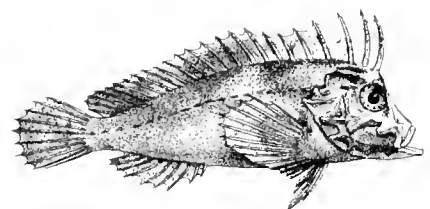
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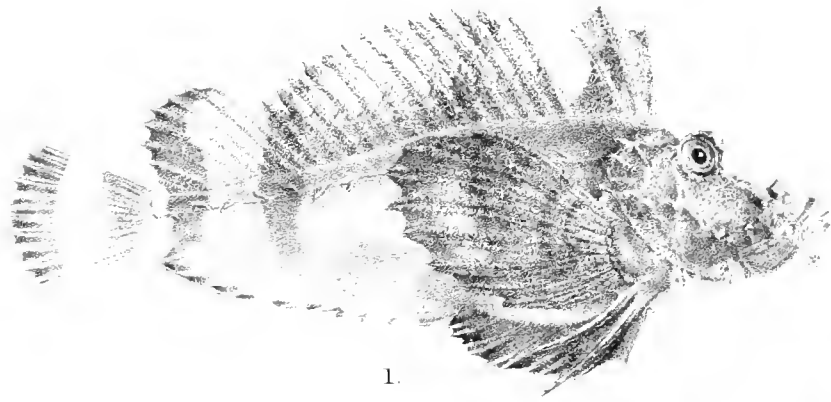
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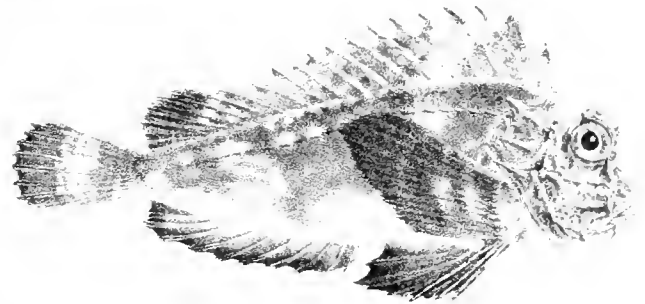
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4. A. LONGISPINIS	5. A. TENIANOTUS	6. MICROPUS ZEYLONICUS
		7. MENIUS MONODACTYLUS
		8. CENTROPOMUS BOEUEI

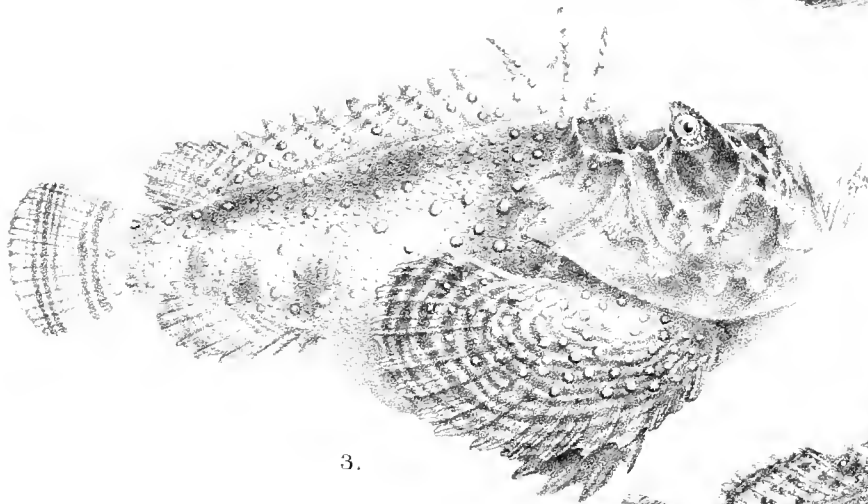
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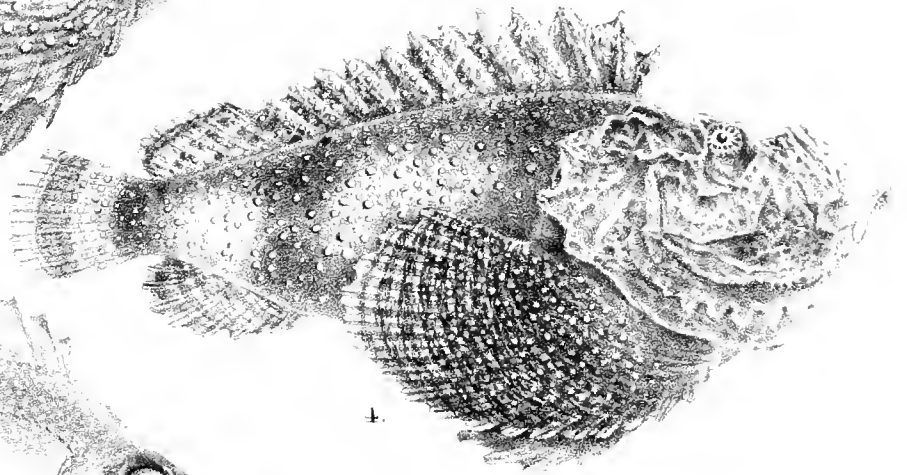
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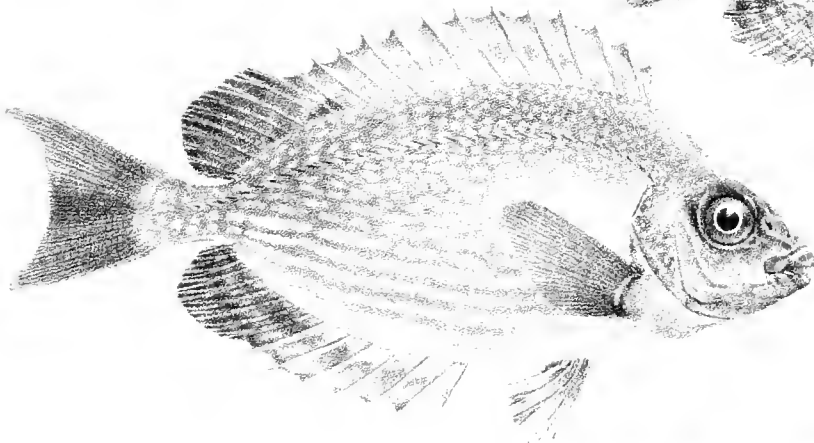
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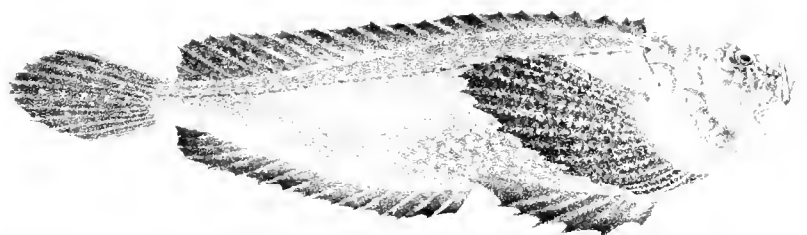
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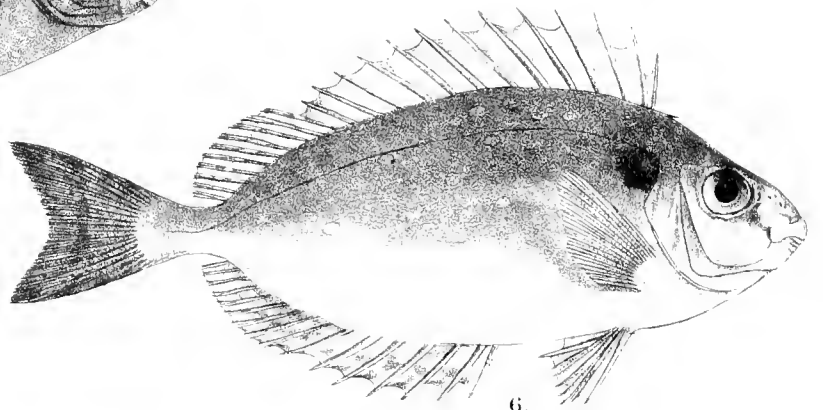
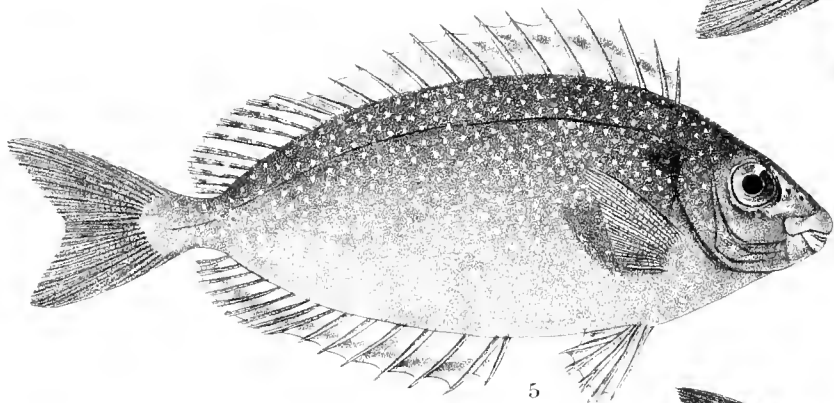
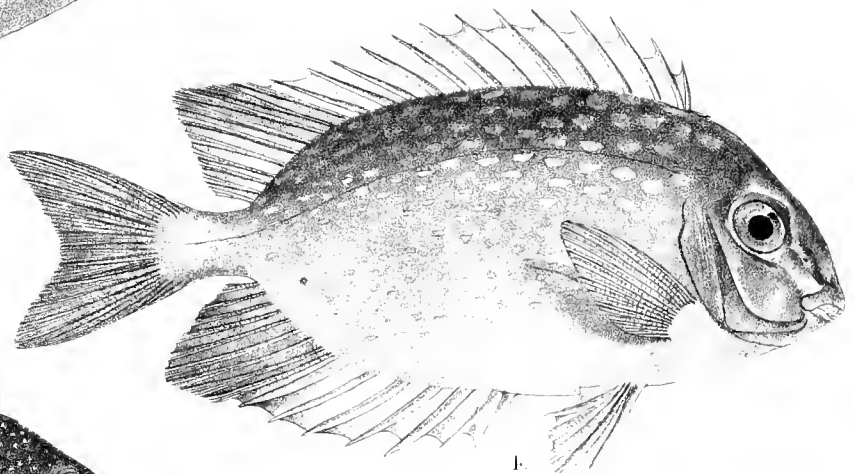
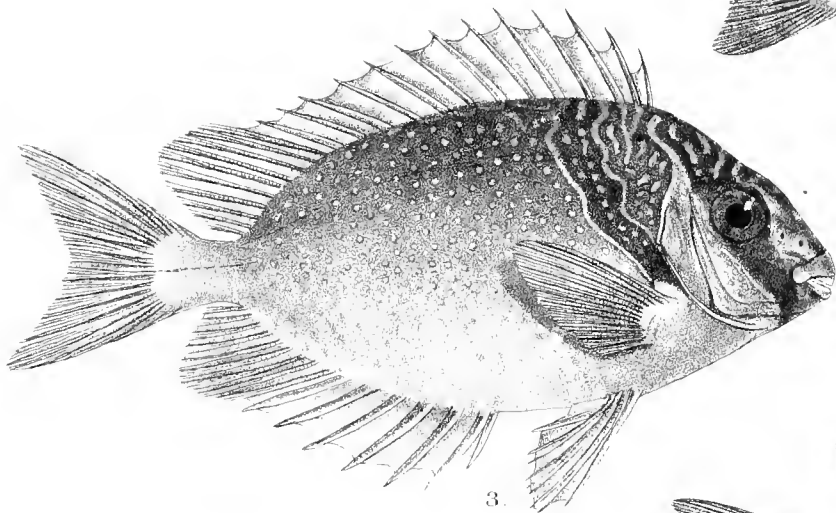
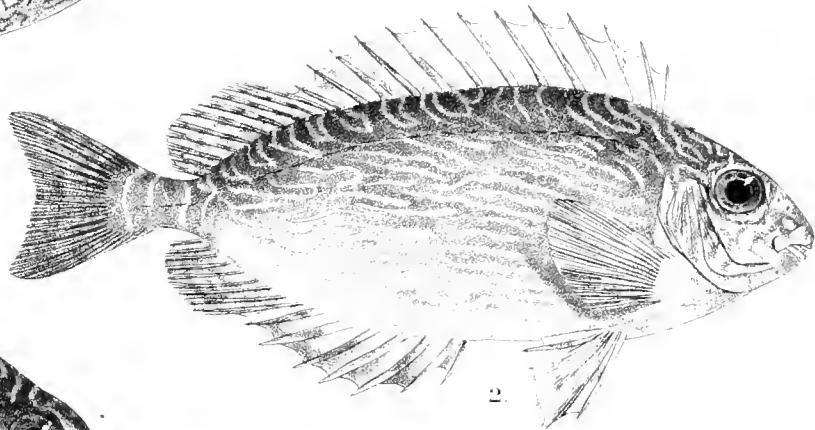
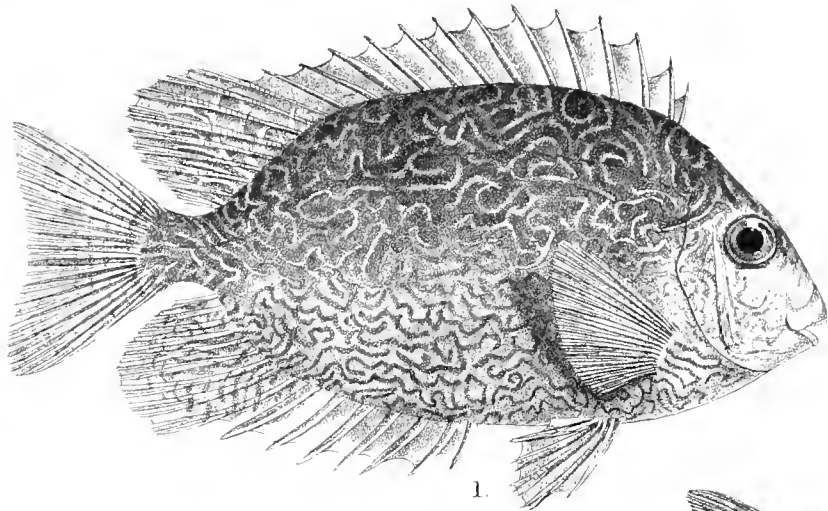
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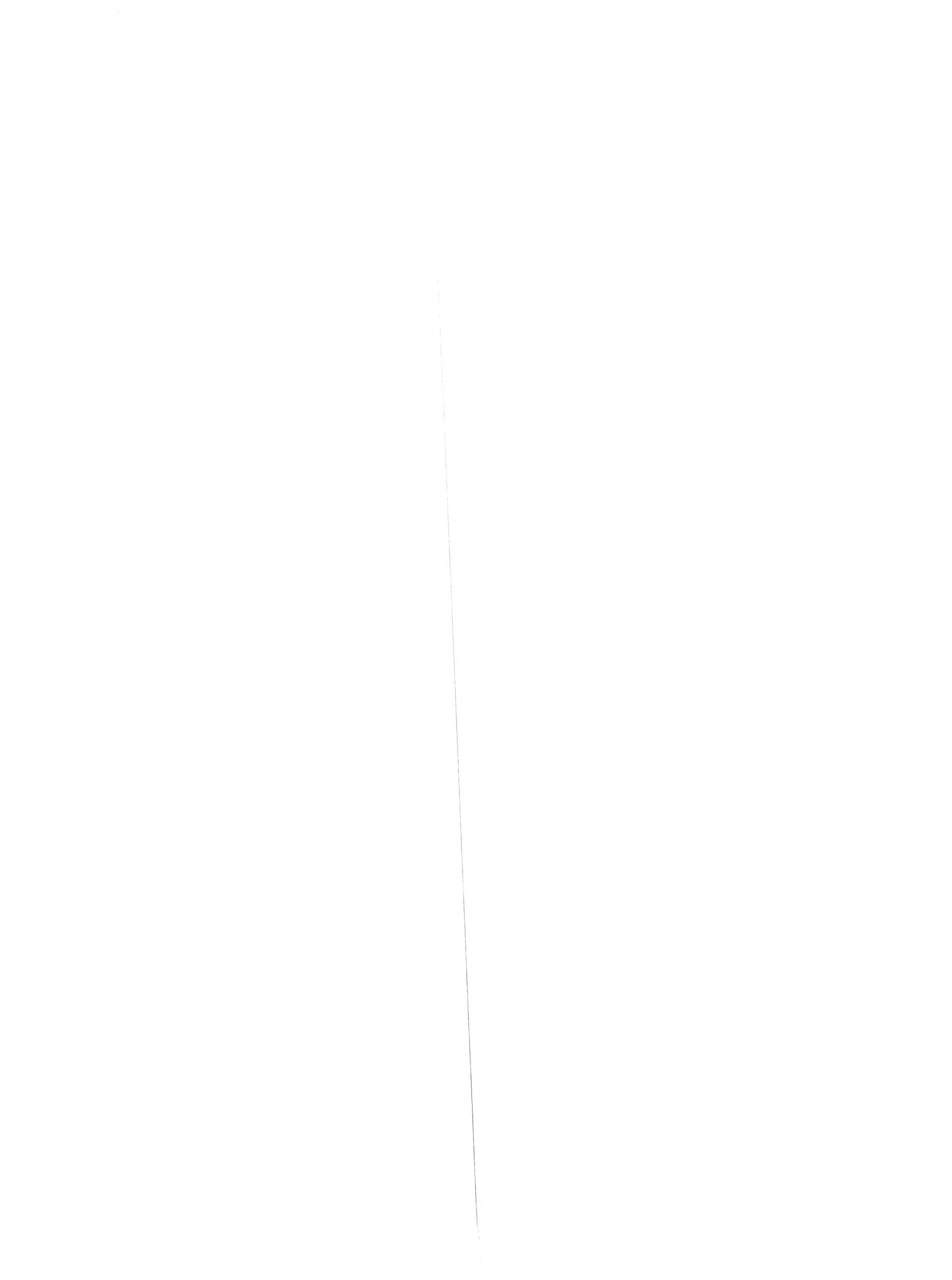
1. PELUR INLACTYLUM    2. CHELACTIS MULTISPINIS    3. SYNANCIUM HORRIDUM  
4. SYNANCIUM VERRUCOSA    5. TEUICIS JAYA    6. POLYNAULIS URANOCOPUS

UNIVERSITY  
CAMBRIDGE UNIVERSITY  
CAMBRIDGE, MA USA



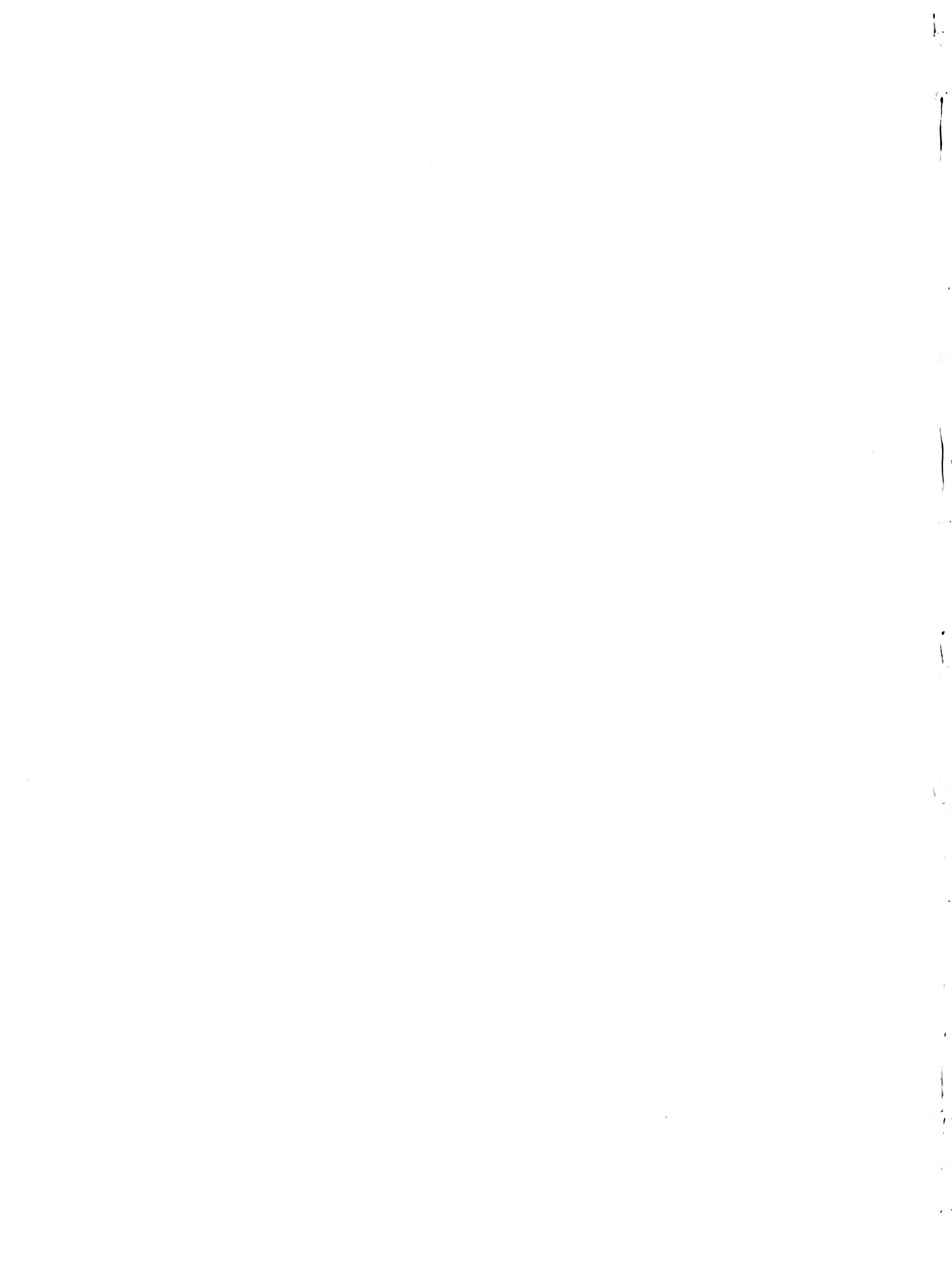
UNIVERSITY  
OF MASSACHUSETTS  
LOWELL, MA USA

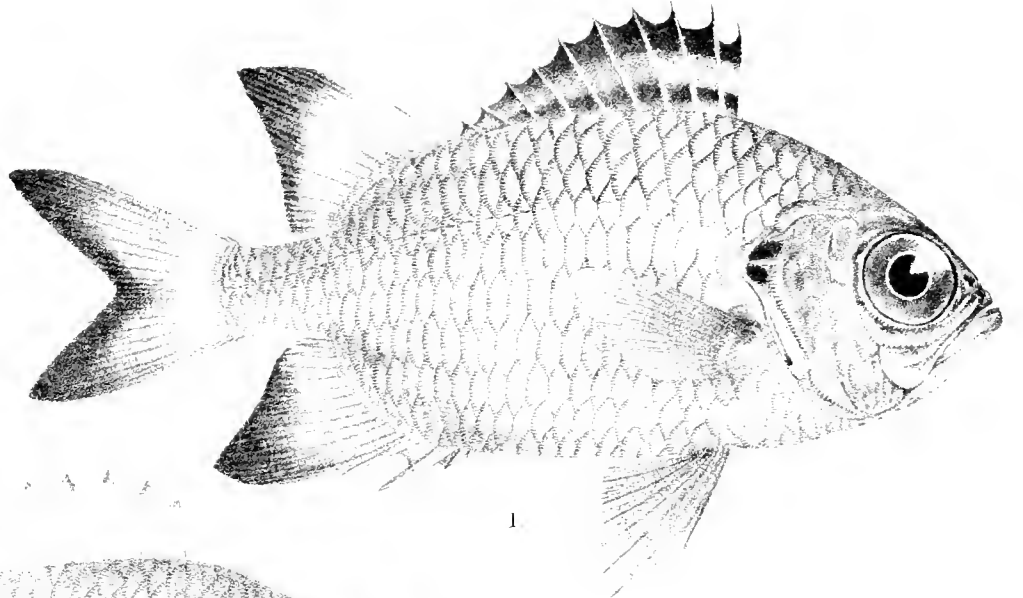




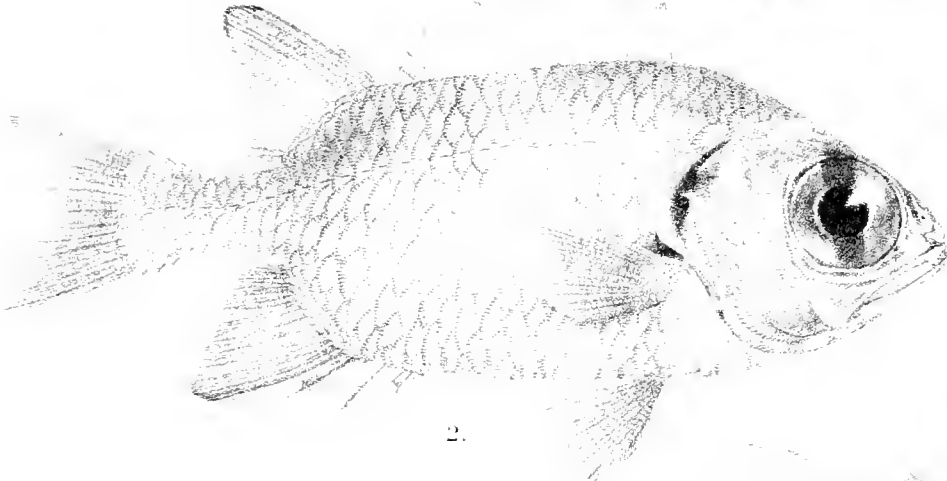








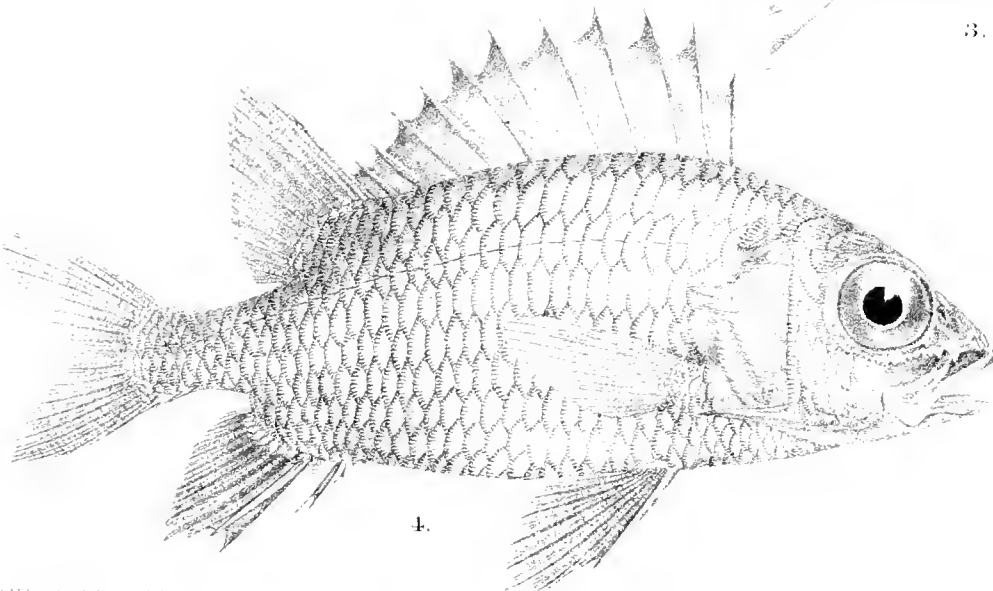
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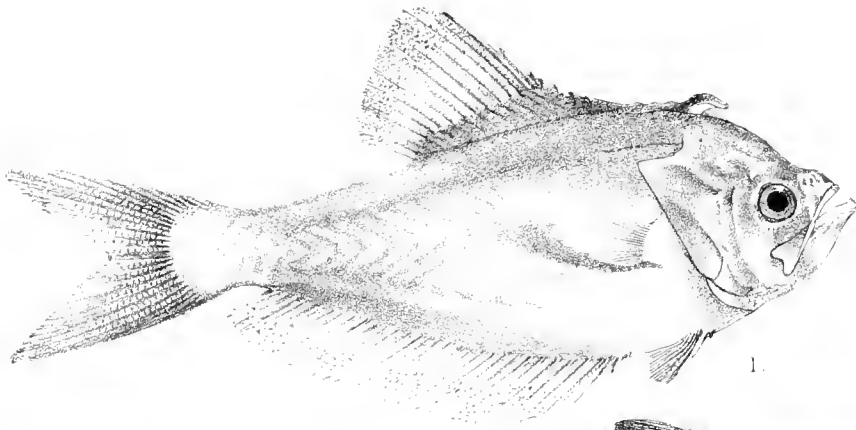


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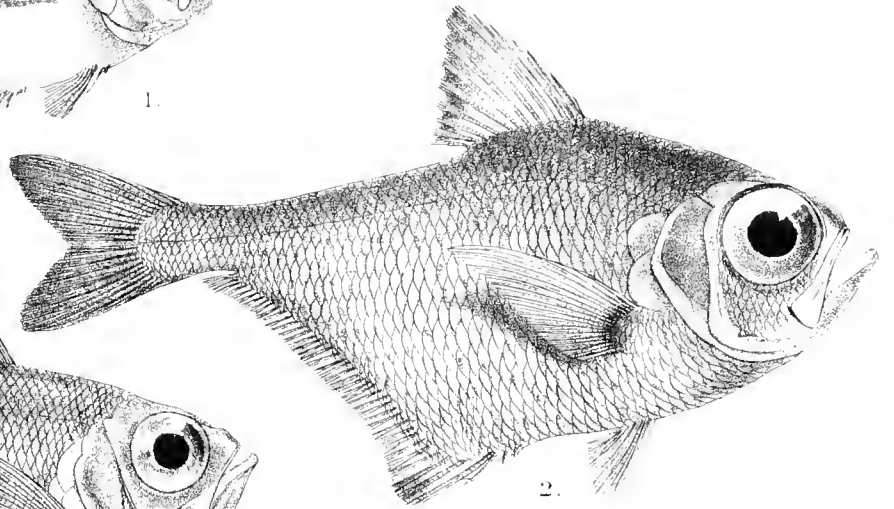


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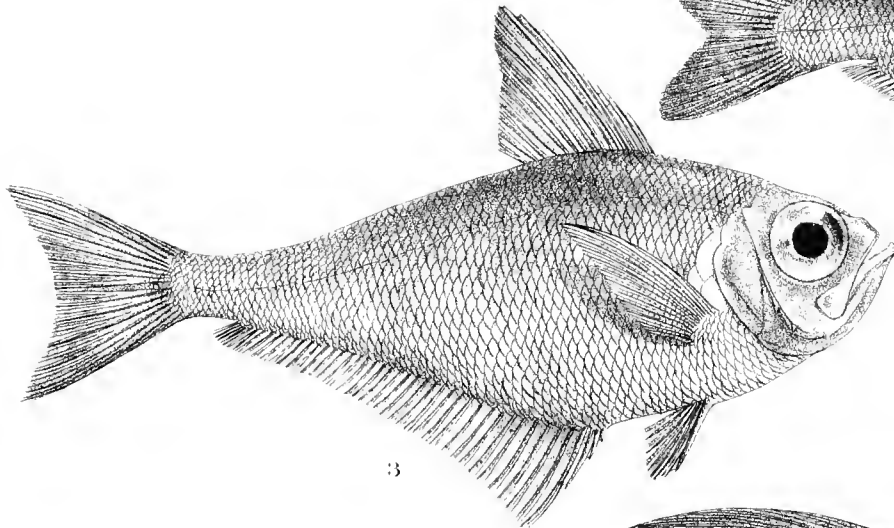
PROPERTY  
OF THE  
U.S. AIR FORCE



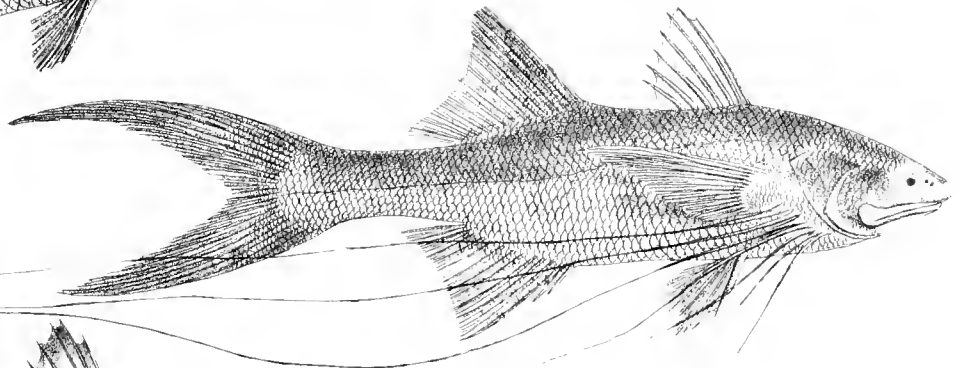
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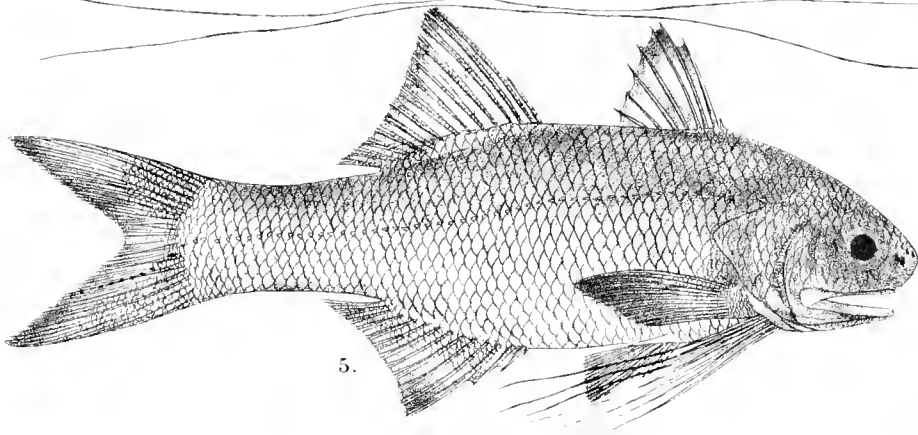
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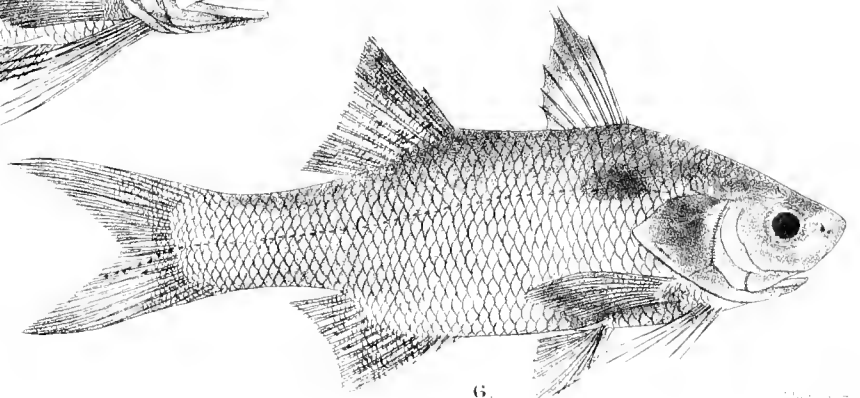
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4.



5.



6.

311 Ford de. H. Mutem. int.

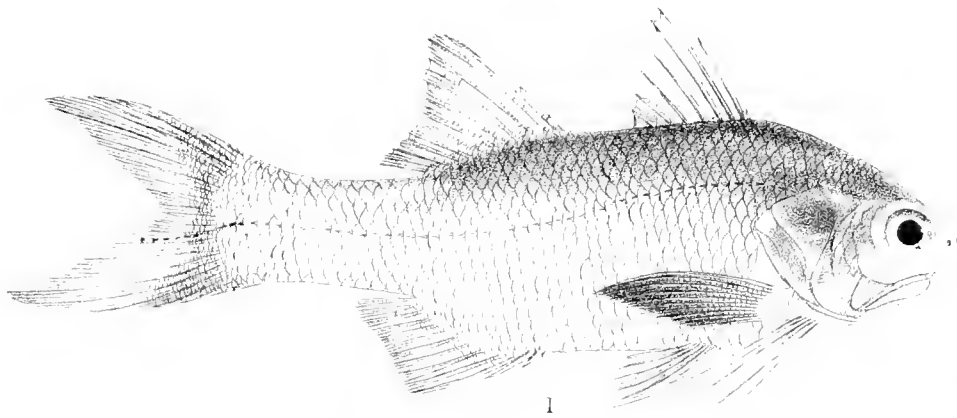
Fig. 1-6

1. *PURTUS* *INDICUS* (MALE)  
4. *POLYNEMUS* *PARALISEUS*

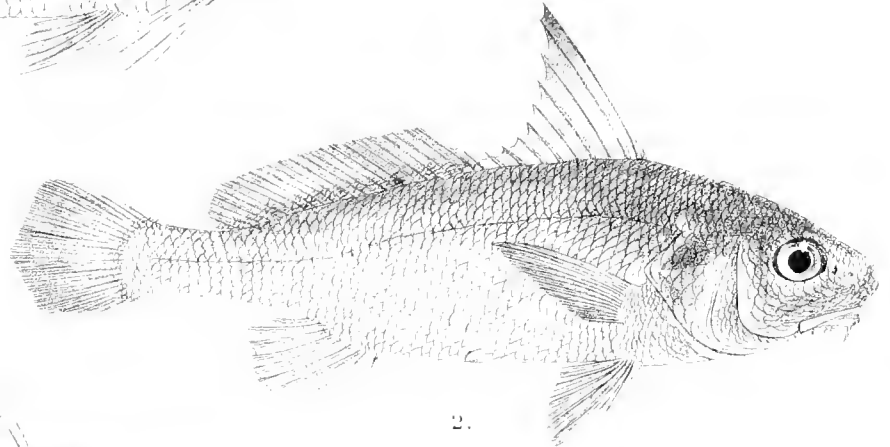
2. *PEMPHERA* *INDICA*  
3. *P. HEPTALACTICUS*

5. *P. MANGUSA*  
6. *P. SEXTARIUS*

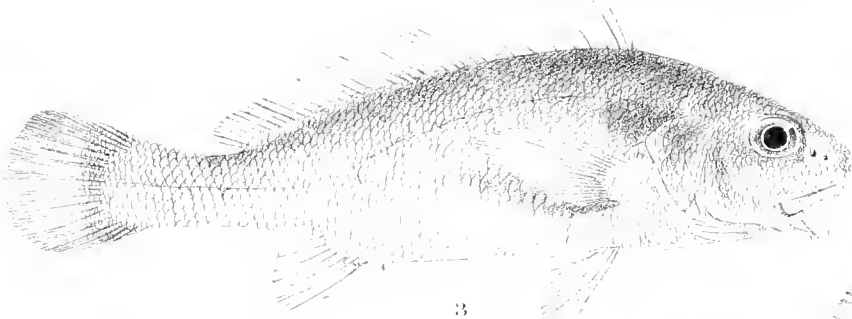
QUALITY  
IN USA



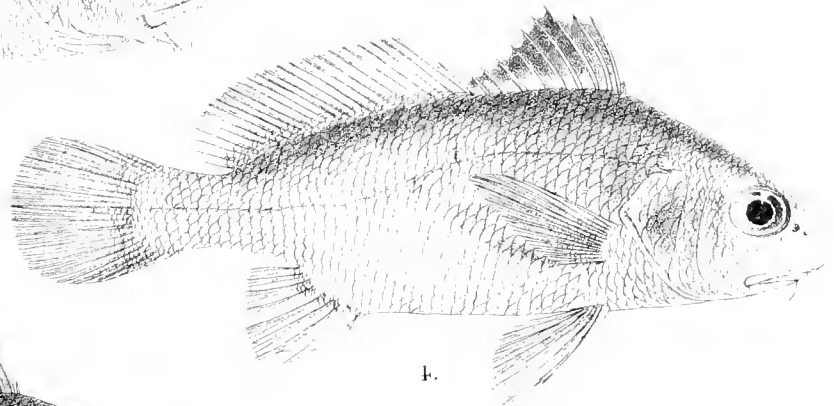
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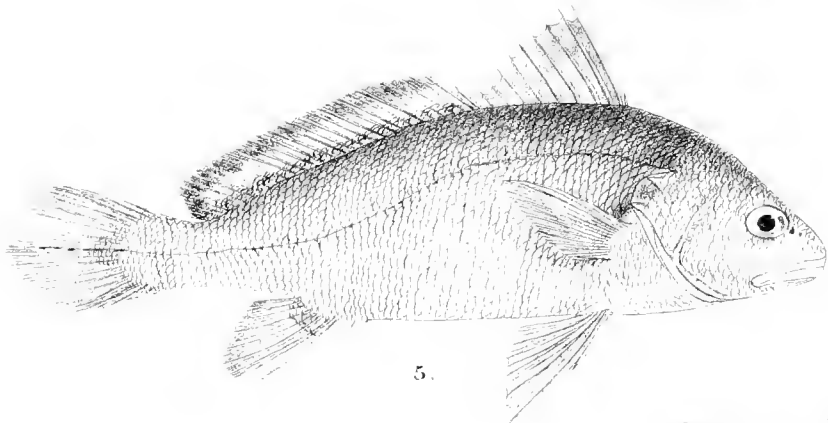
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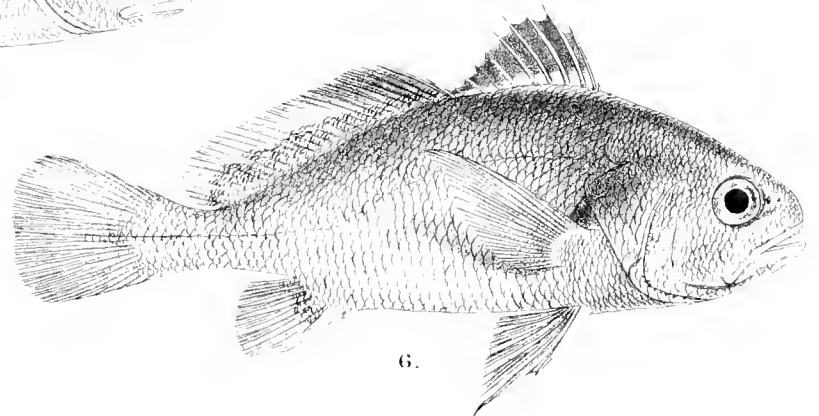
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4.



5.

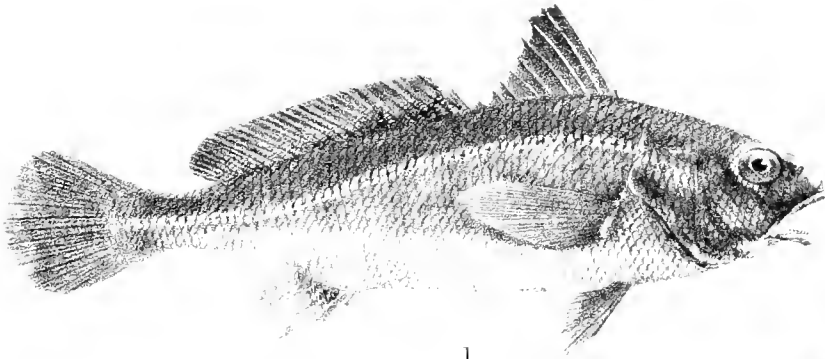


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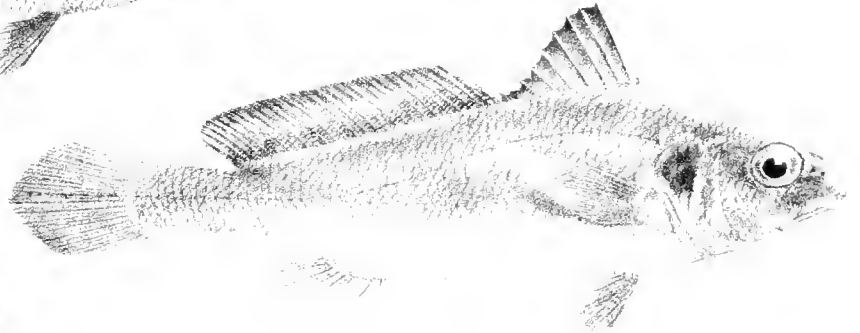
POLYNEMUS SEXFILIS      2 & 3 UMBRINA DUSSUMIERI      4 U RUSSELLII  
 5 SCLERA MILES      6 S AXILLARIS

UNIVERSITY  
CAMBRIDGE UNIVERSITY  
CAMBRIDGE, MA USA





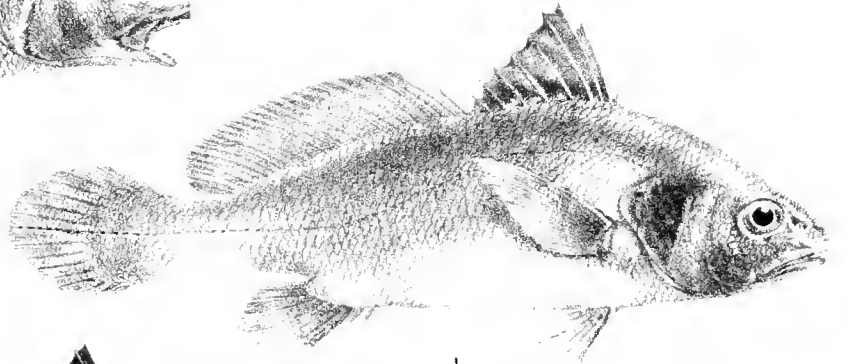
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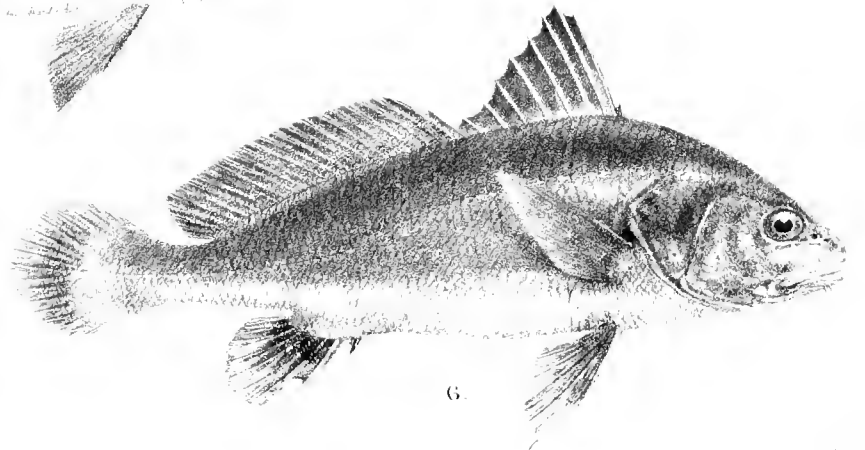
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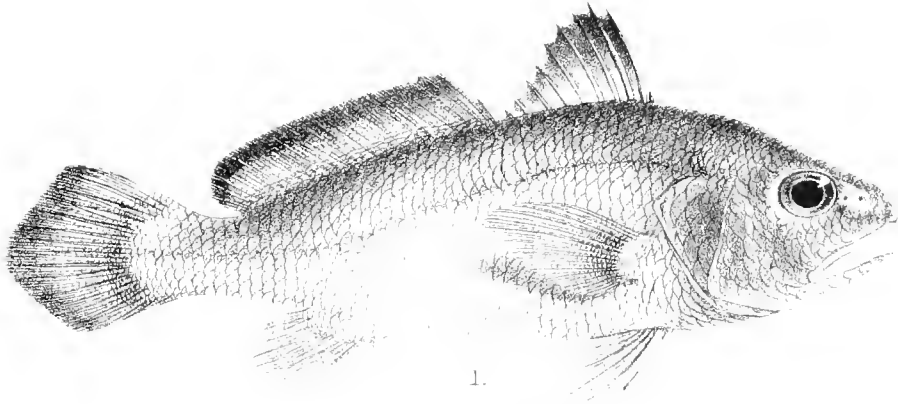


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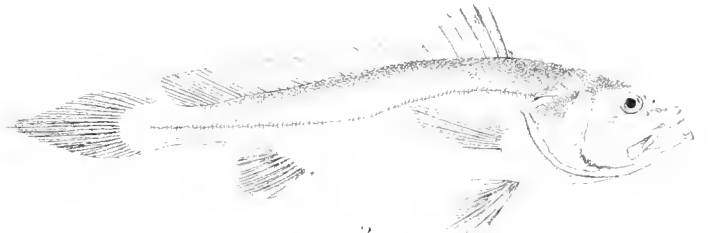


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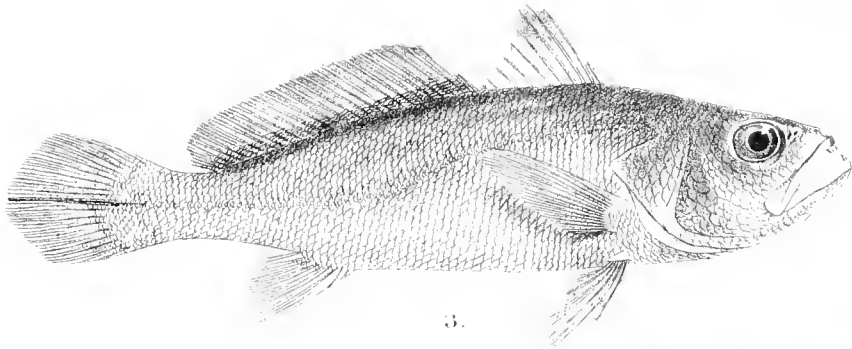




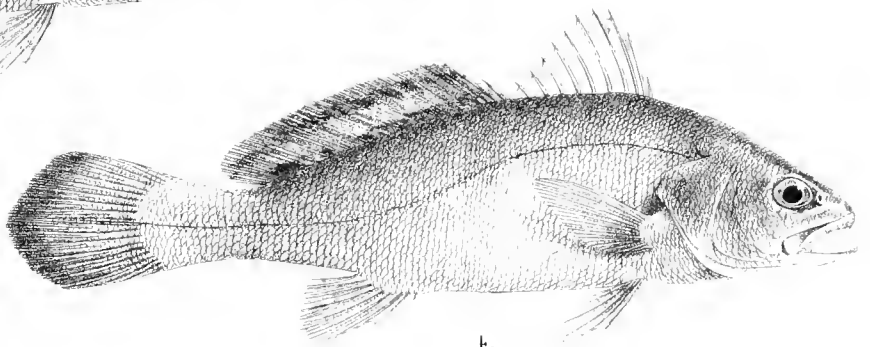
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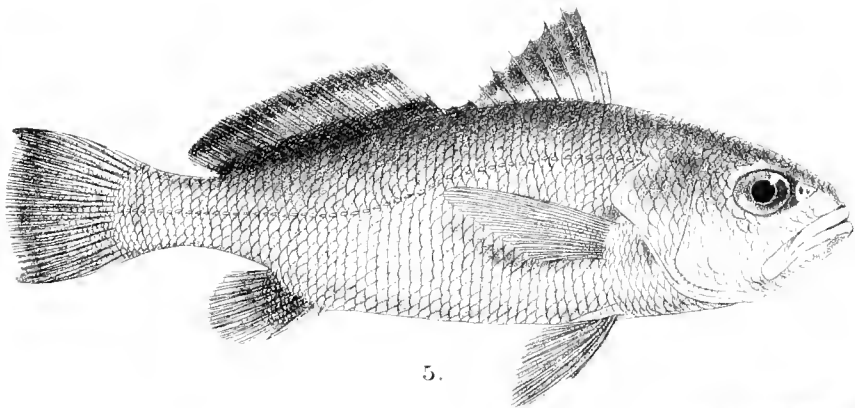
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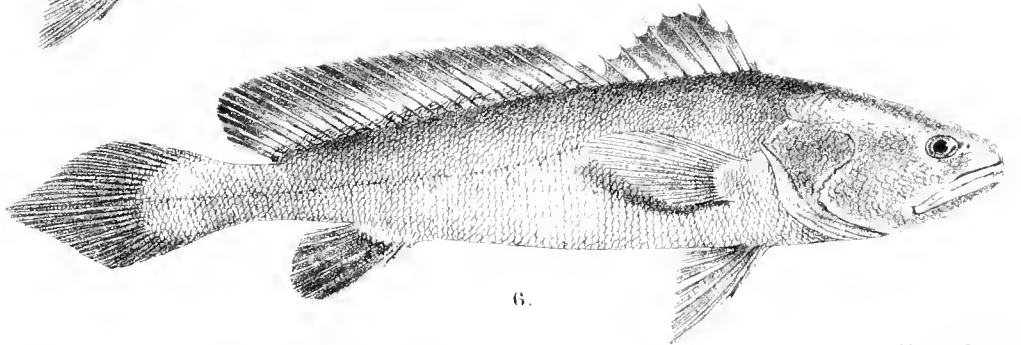
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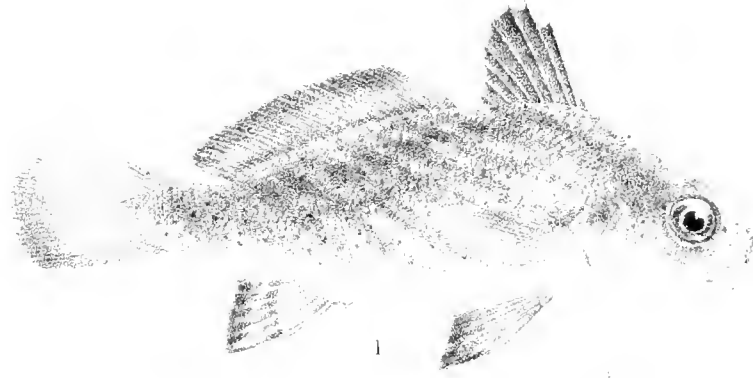
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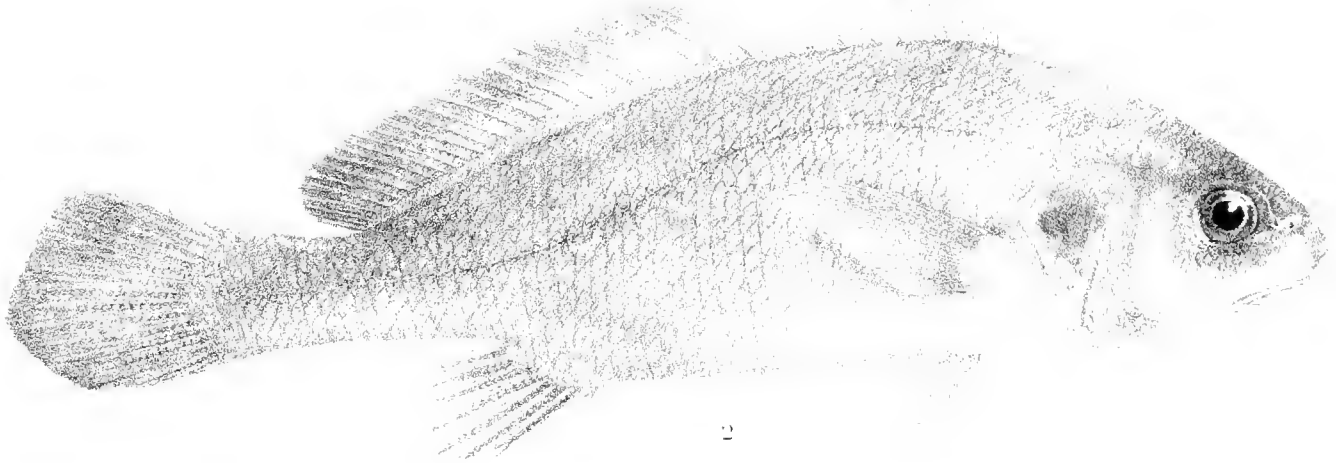
6.

1 SCIÆNA OGILERI      SCIÆNIDES MICRODON      2 OTOLITHUS ARGENTEUS  
4 SCIÆNA BLEEKERI      3 S. ALEUS      6 SCIÆNOIDES BRUNNEUS.





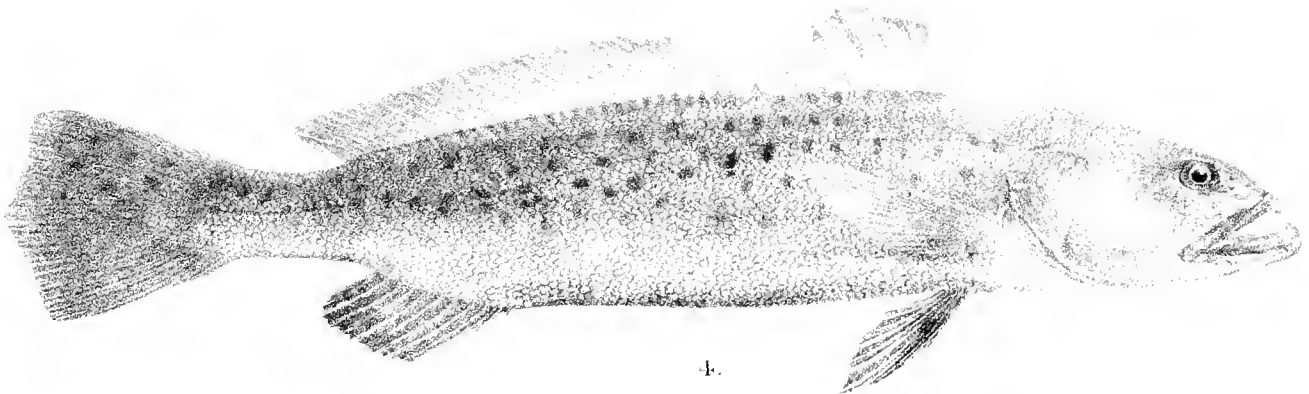
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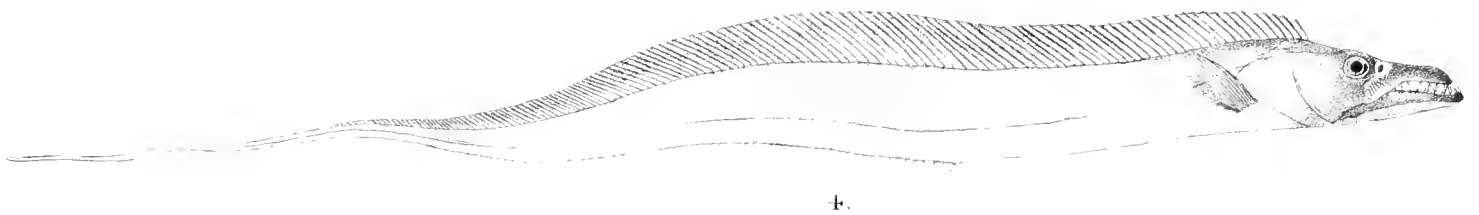
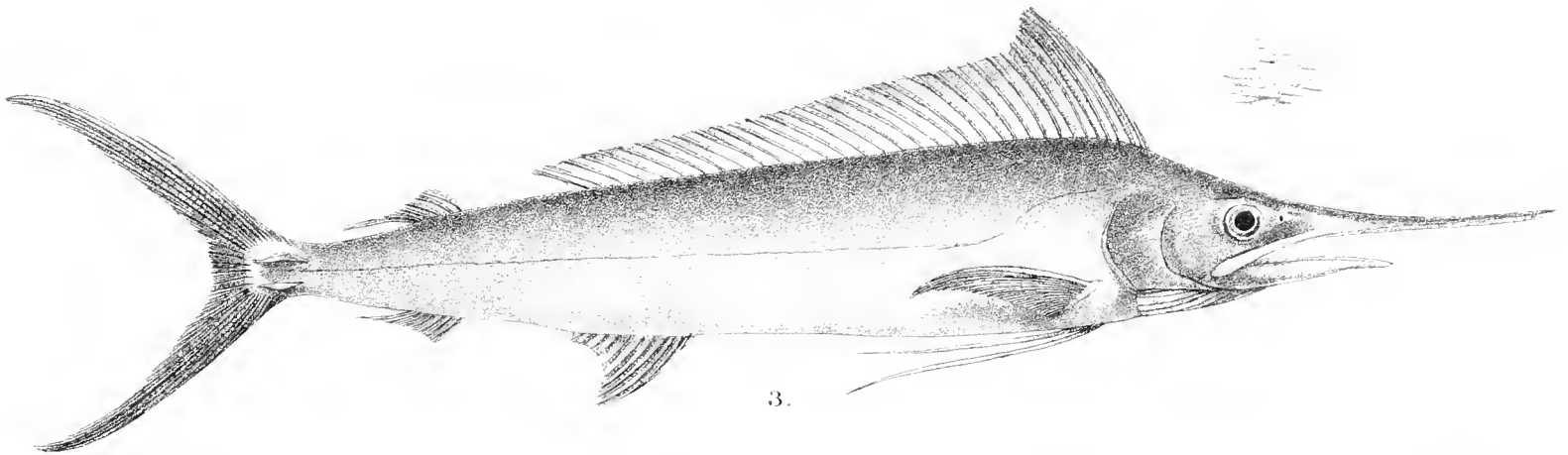
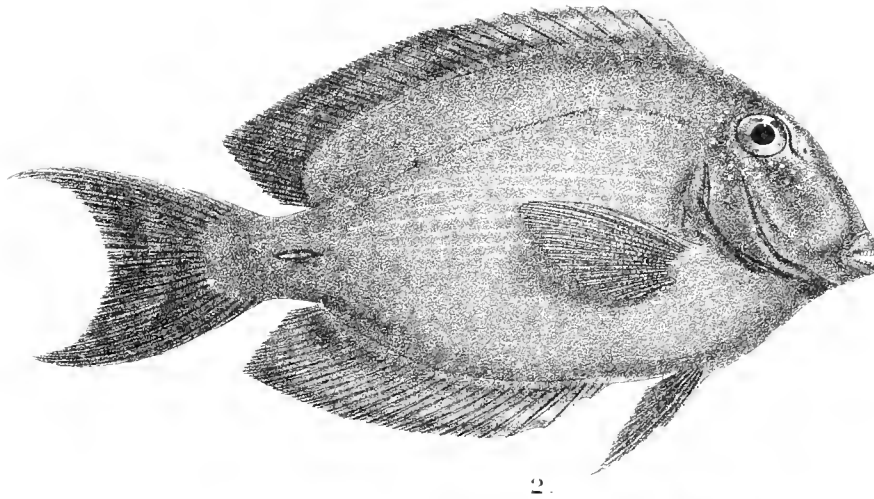
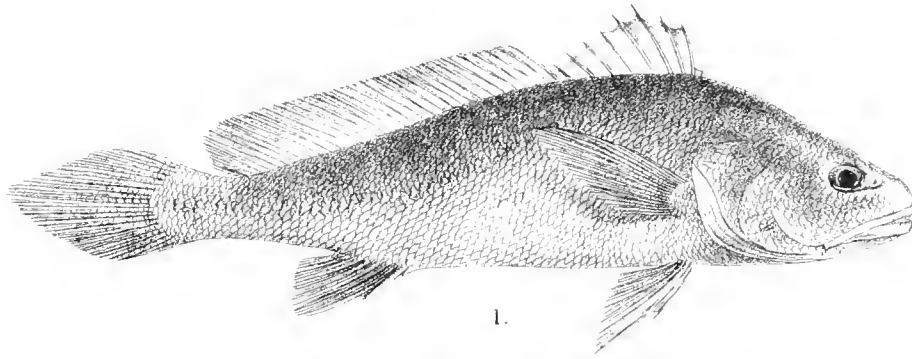


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4.

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CAMBRIDGE, MA USA



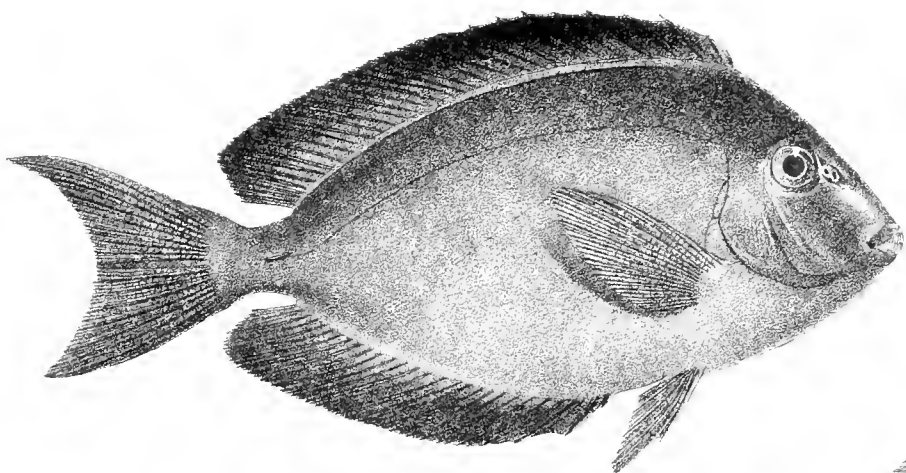
G.H. Ford del. R. Minter lith.

Minter del. Ford lith.

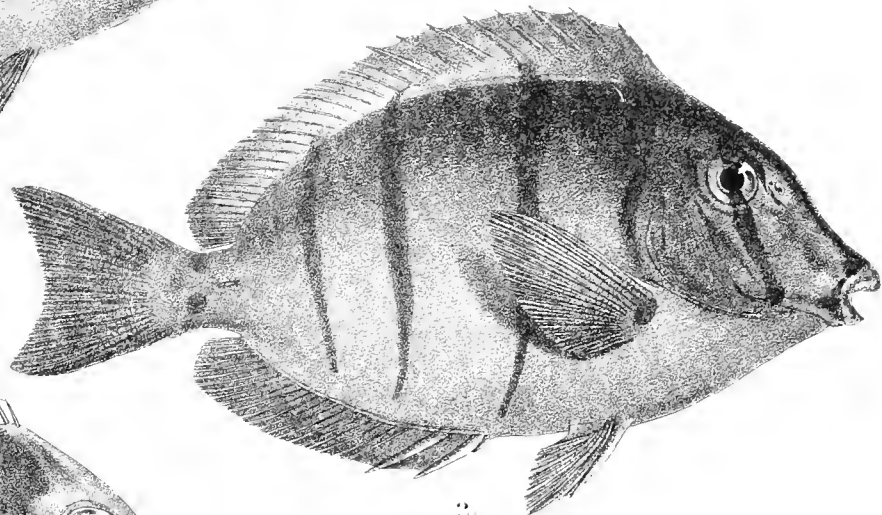
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 4 TRICHIURUS SAVALA    5 T. MUTICUS



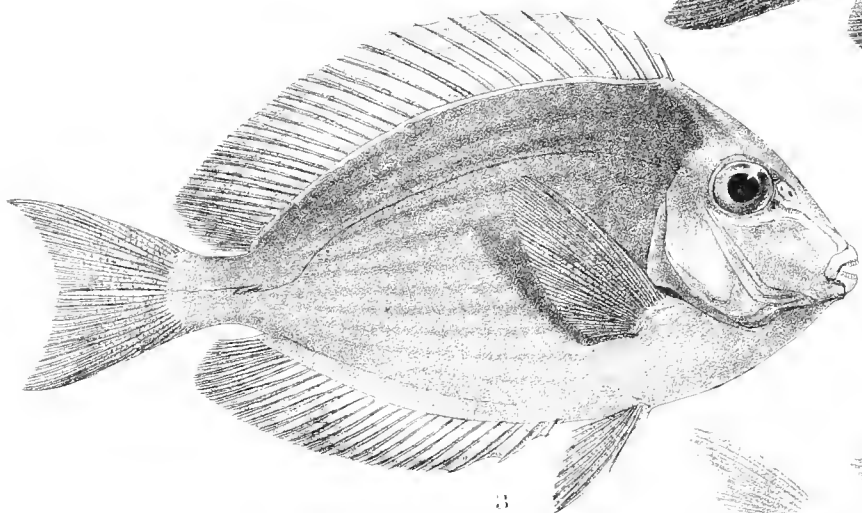




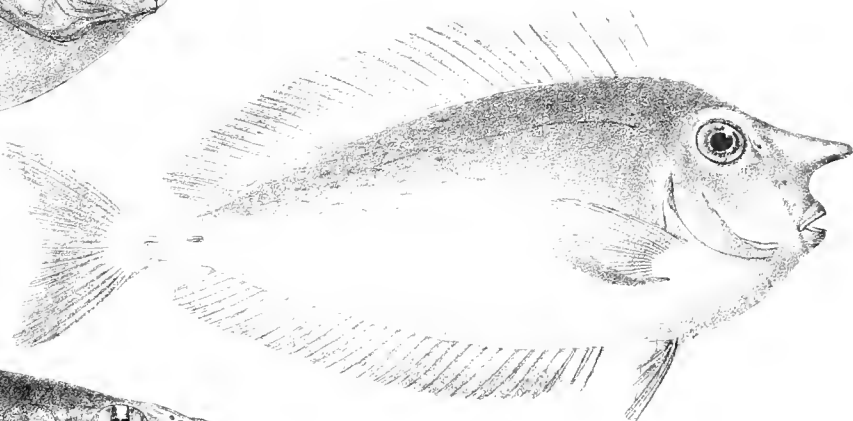
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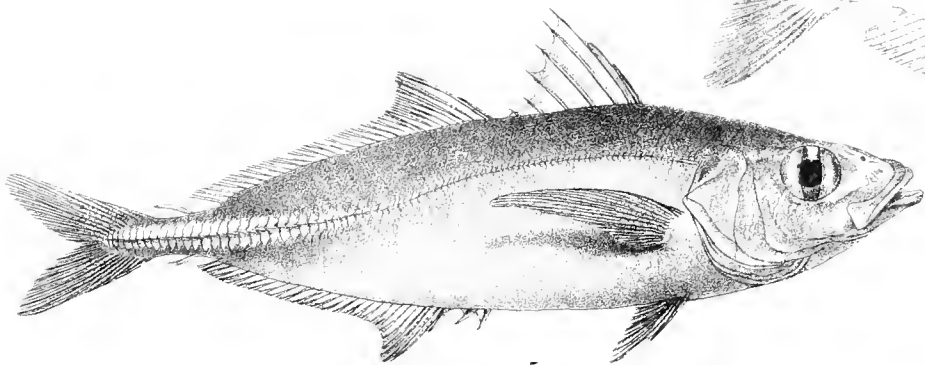
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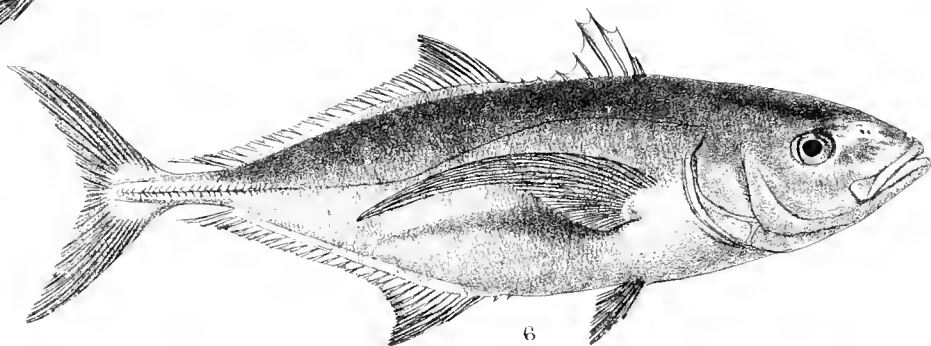
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4



5



6

Illustrated by P. Madhavaiah

Madras Pres. 1949

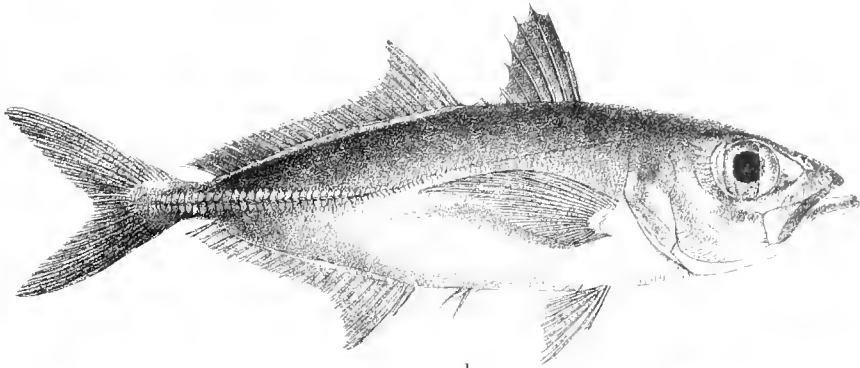
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2. *A. THALASSEUS* CARANA KURRA

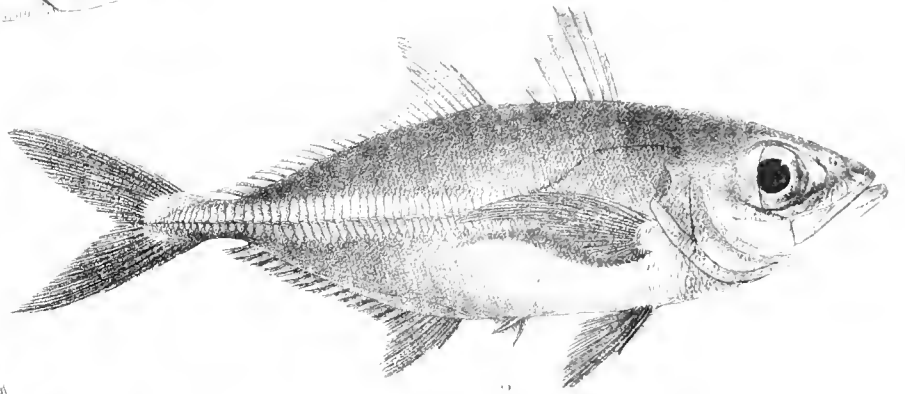
3. *A. AUREOLINEATUS*  
6. *C. GYMNOSTETHIIFORMIS*

4. *NASEUS* BREVIROSTRIS

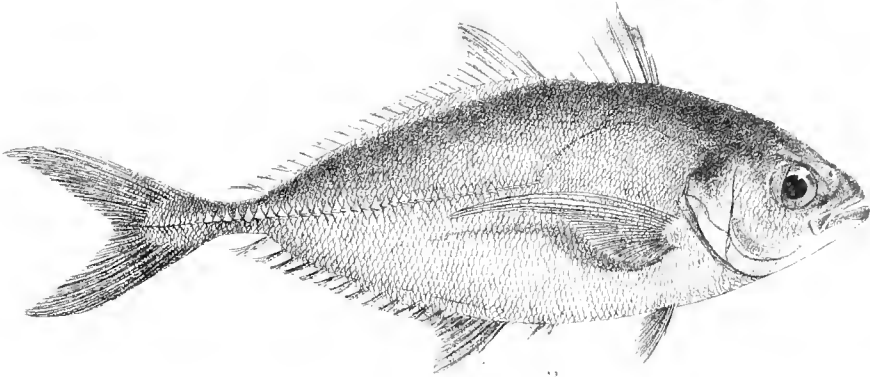




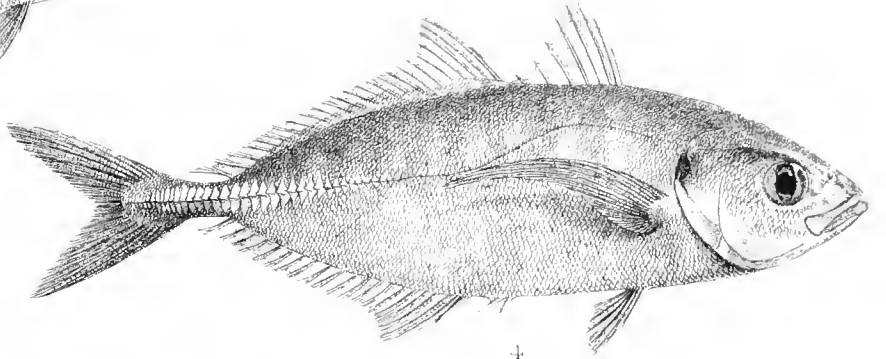
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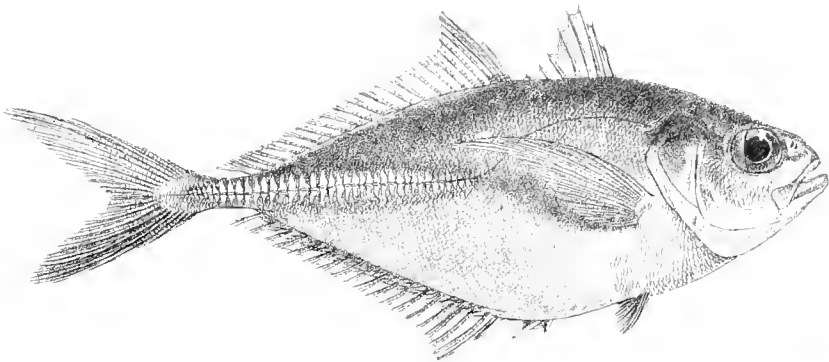
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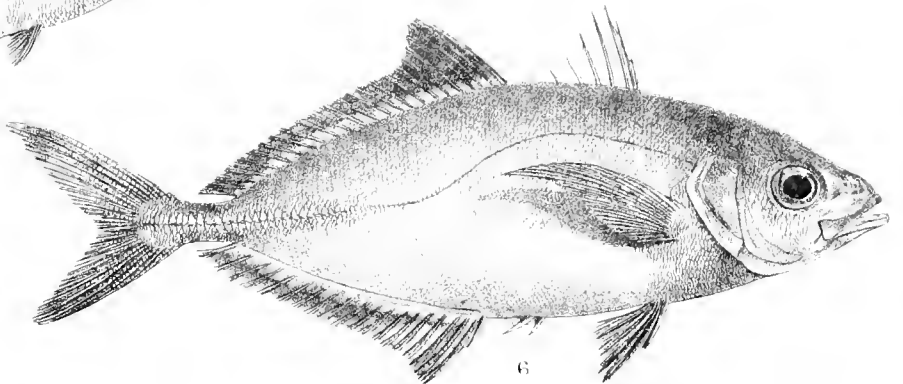
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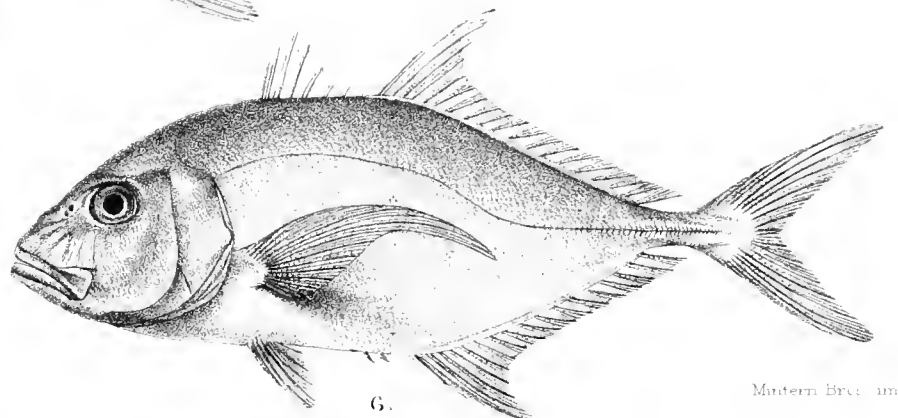
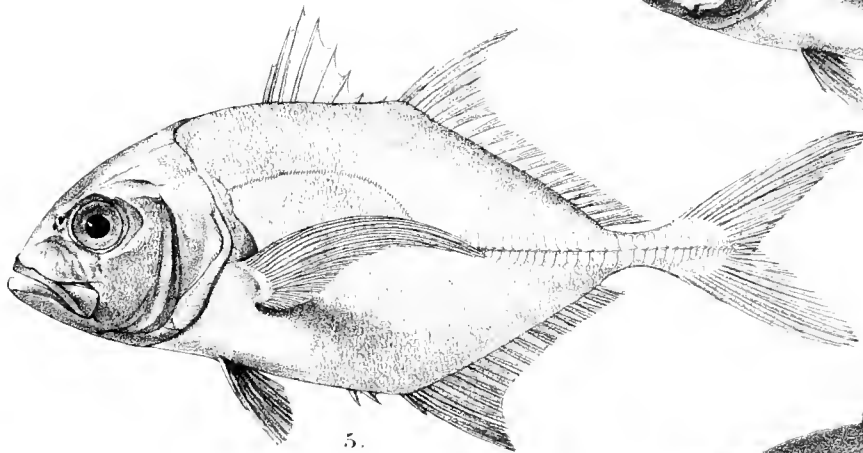
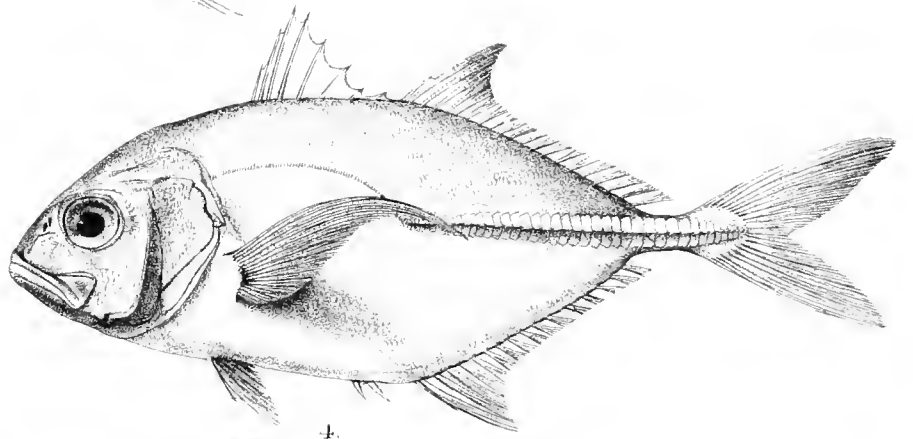
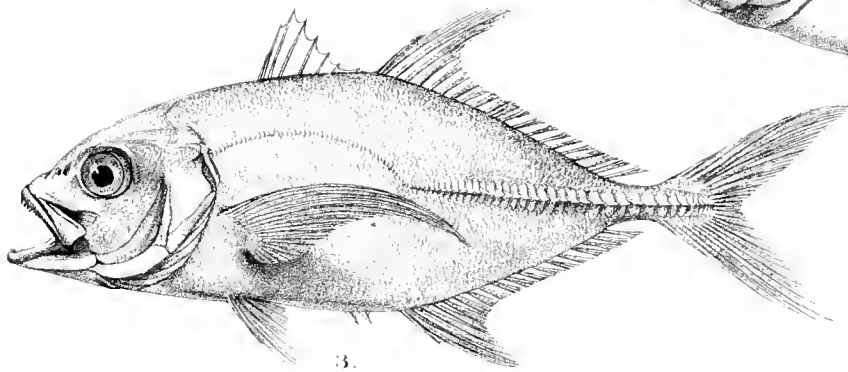
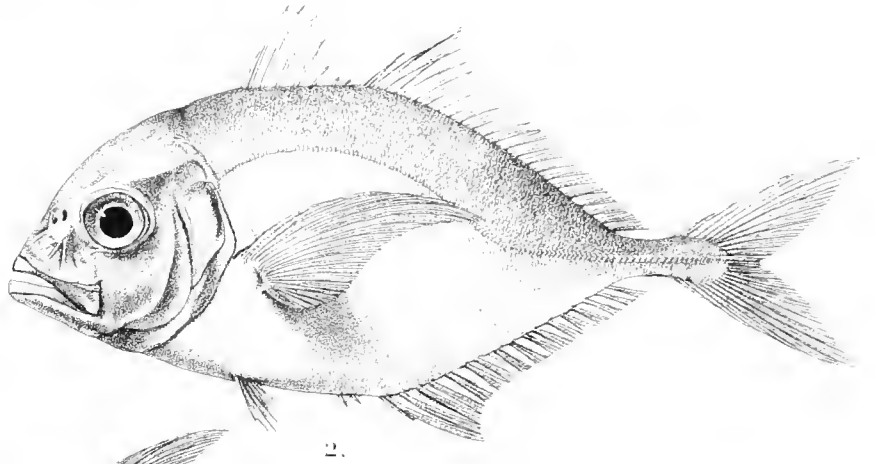
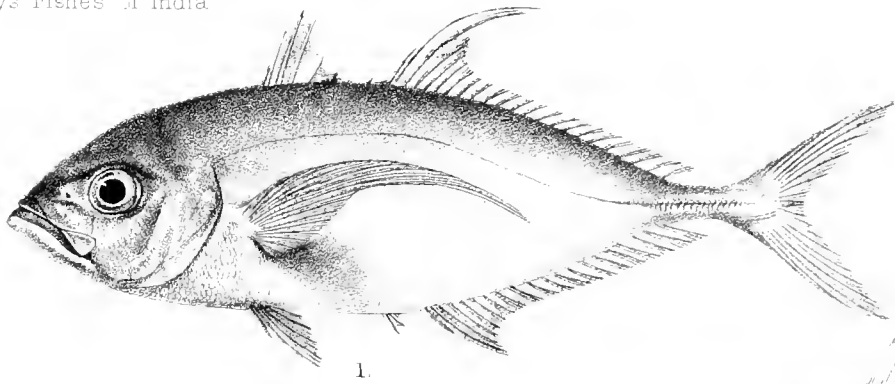
6

G. H. Forster del. R. Martens lith.

Museum Asiaticum

1. CARANX CRUMENOPHTHALMUS 2. SCORPAENIDAE 3. DJEB DEABA 4. CARANX CRUMENOPHTHALMUS  
 5. G. KALLIA 6. DJEB DEABA





G.H. Ford del. R. Minton lith.

Minton Br. conj.

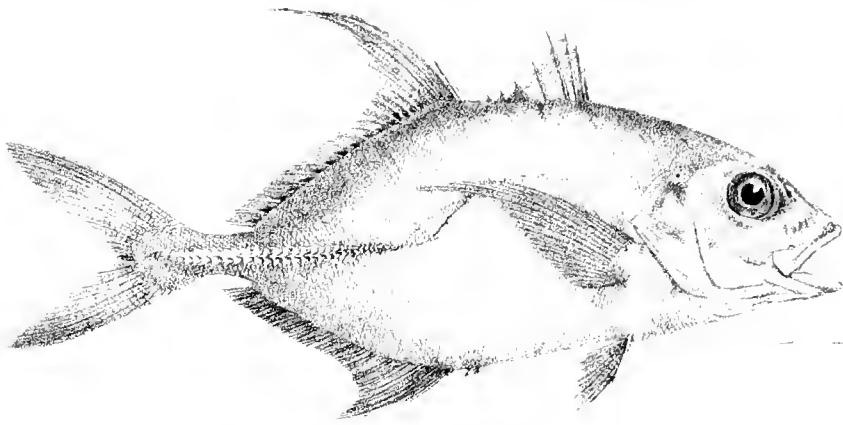
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2 C MALABARICUS  
5 C SAUSUN

3 C MELAMPYGUS  
6 C NIGRESCENS

4 C CARANGUS

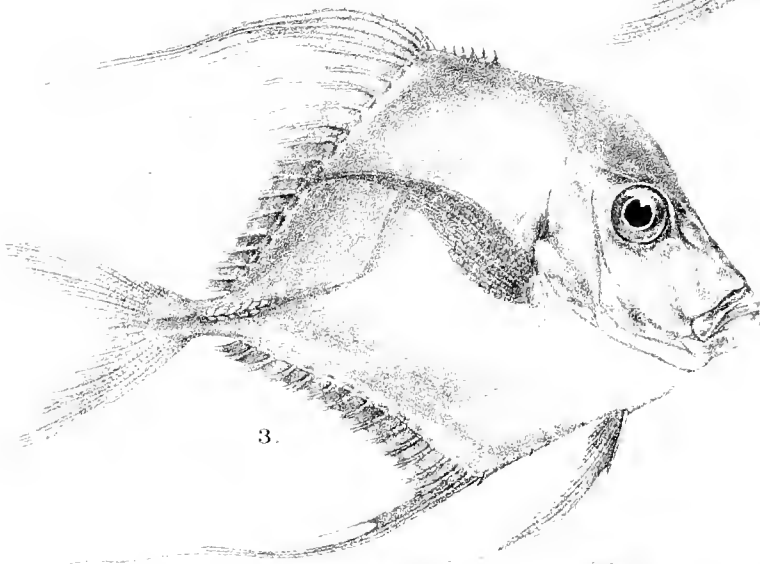




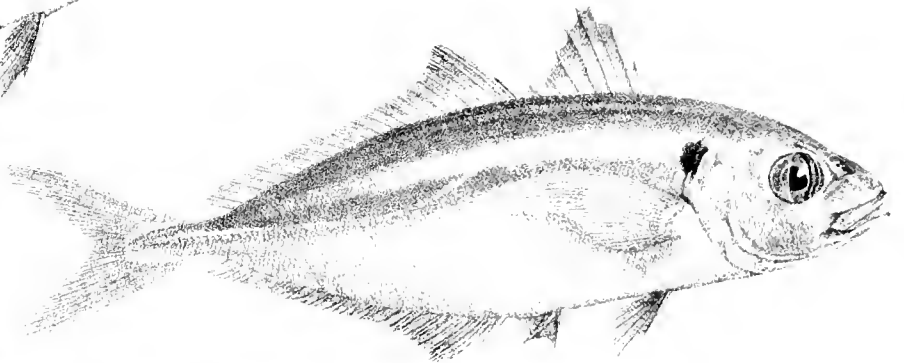
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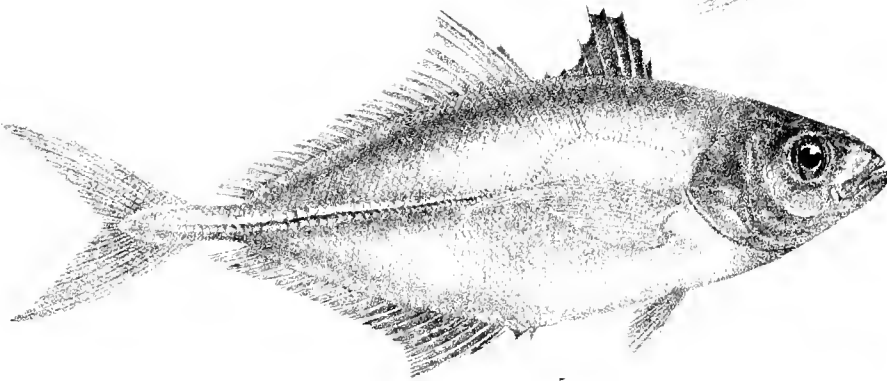
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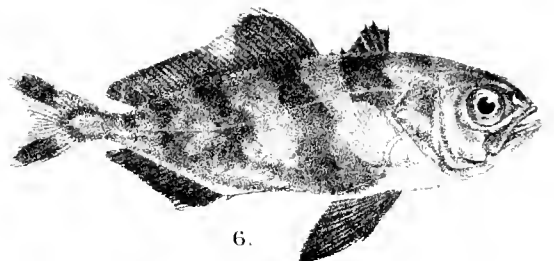
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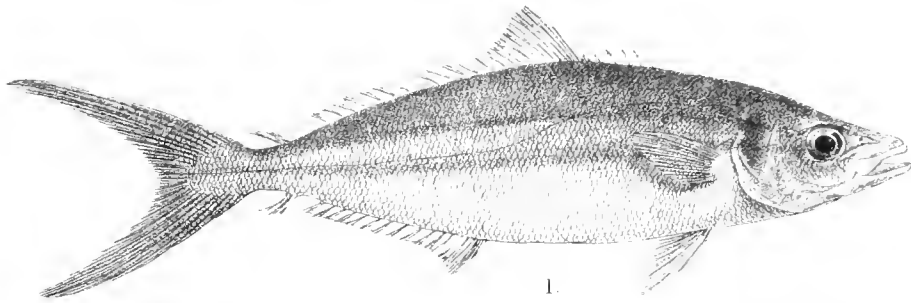
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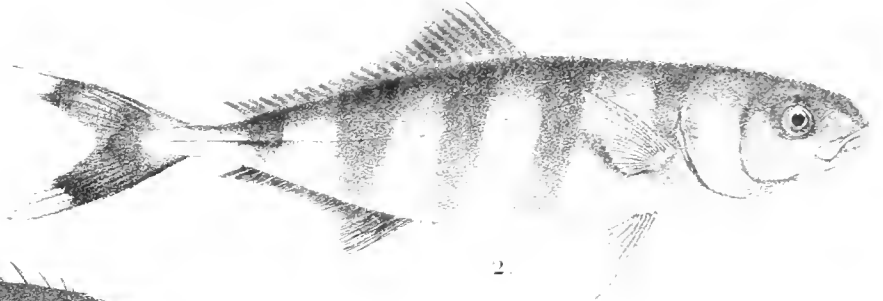
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HA  
CR

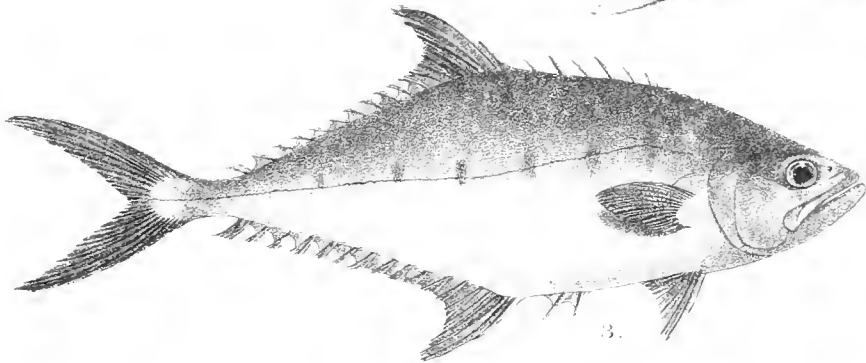




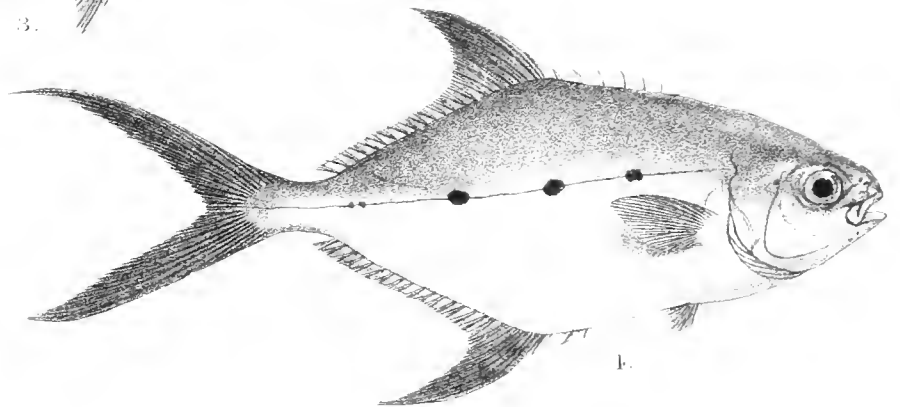
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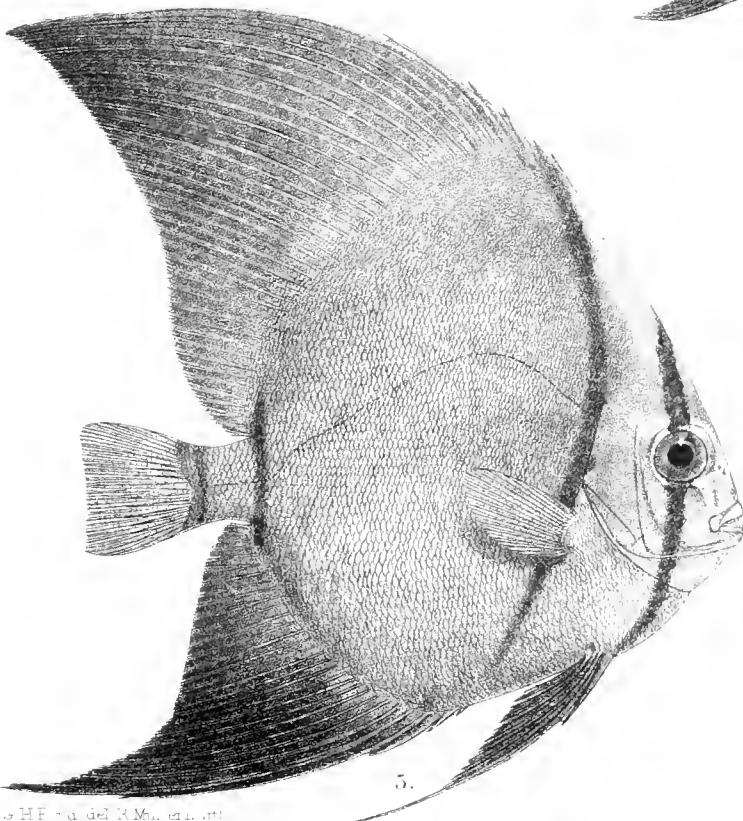
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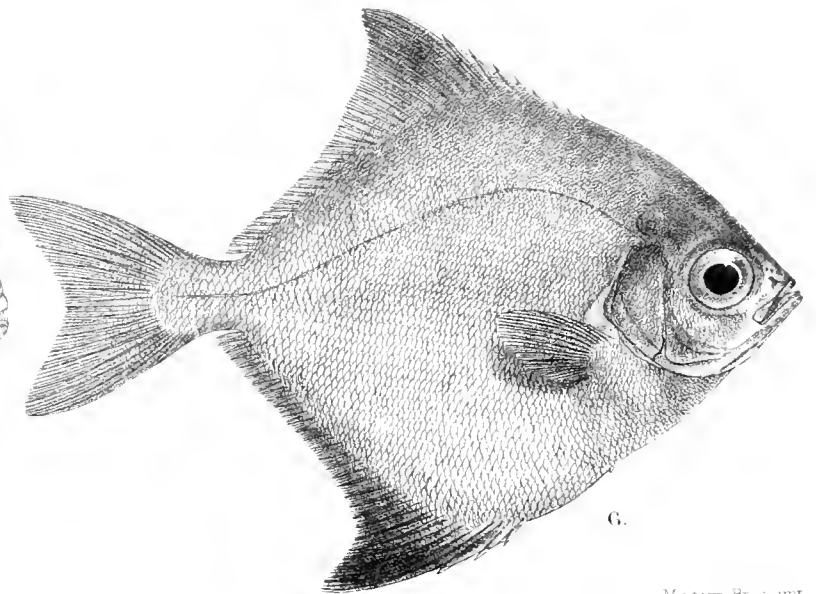
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4.



5.



6.

J.H.F. del. R.M. sculp.

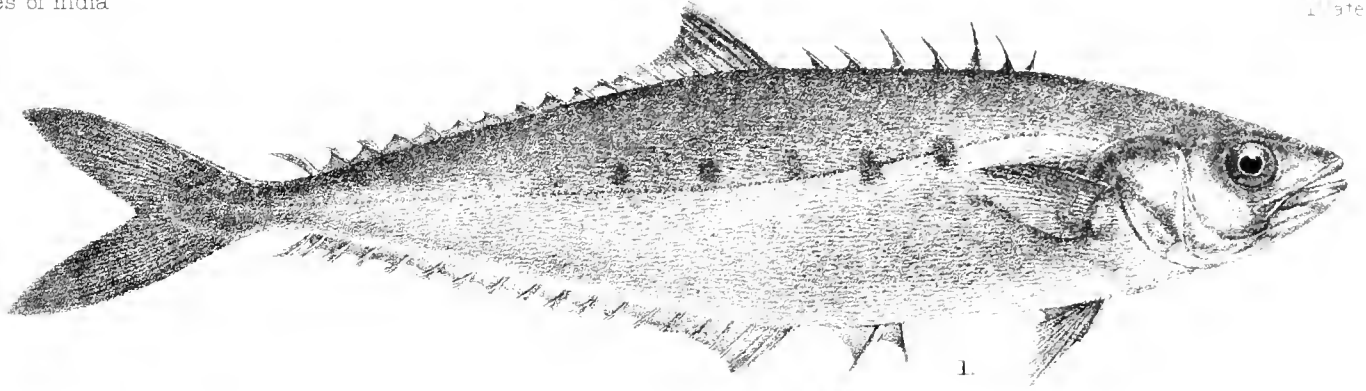
Maxim. Br. int.

1. SERIOLICHTHYS BIMACULATA  
4. TRACHYATULUS BAILLONI

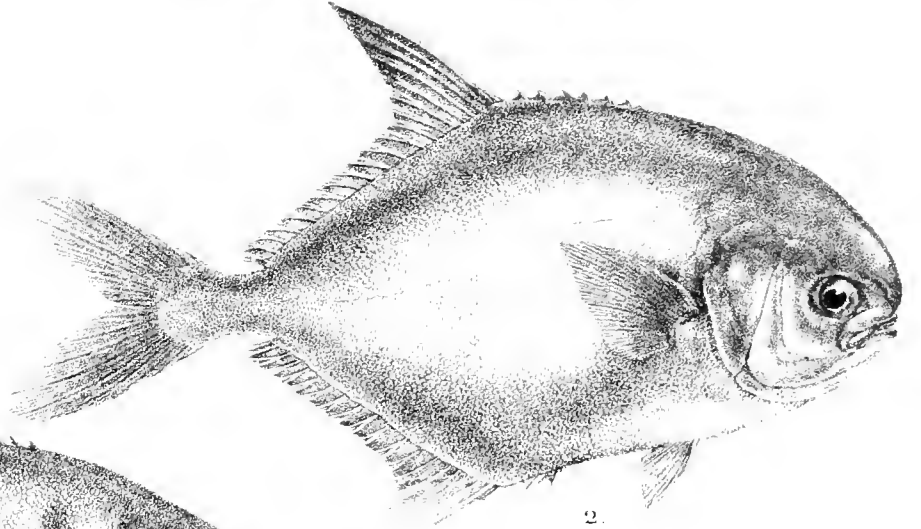
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5. NAUCRATIS VESPERTILIO

3. CHORINEMUS TOLOOI  
6. PSETTUS FALCIFORMIS

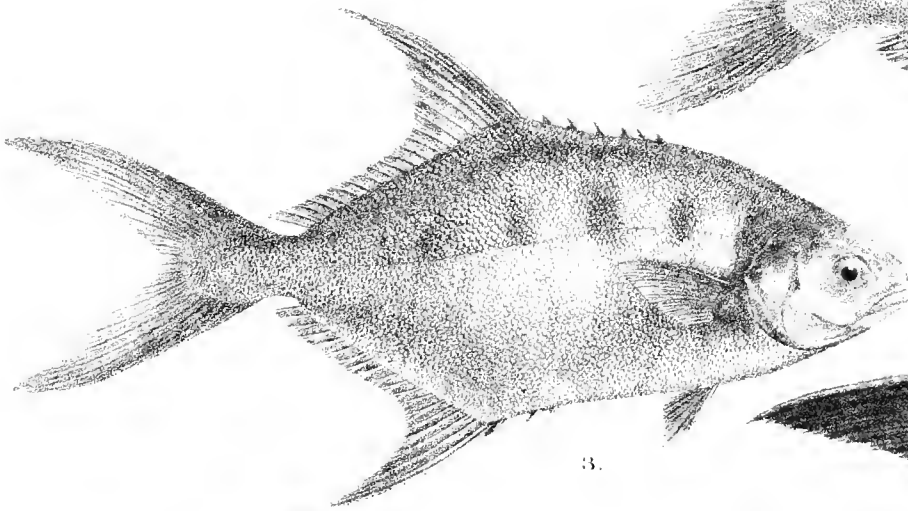




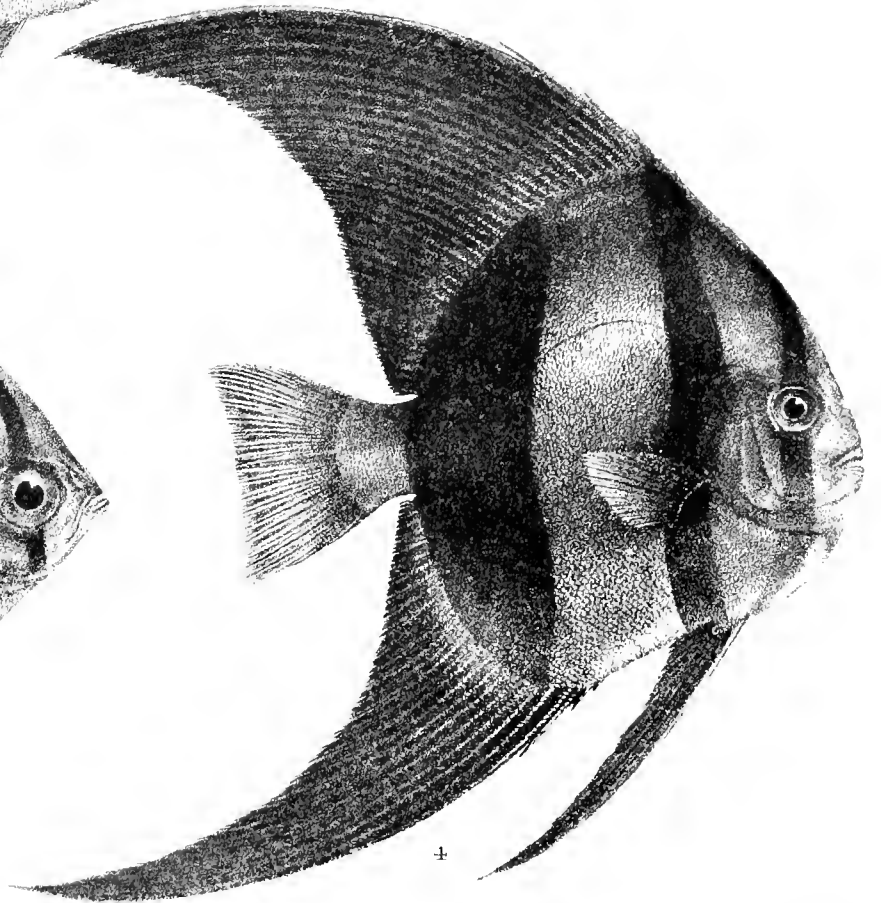
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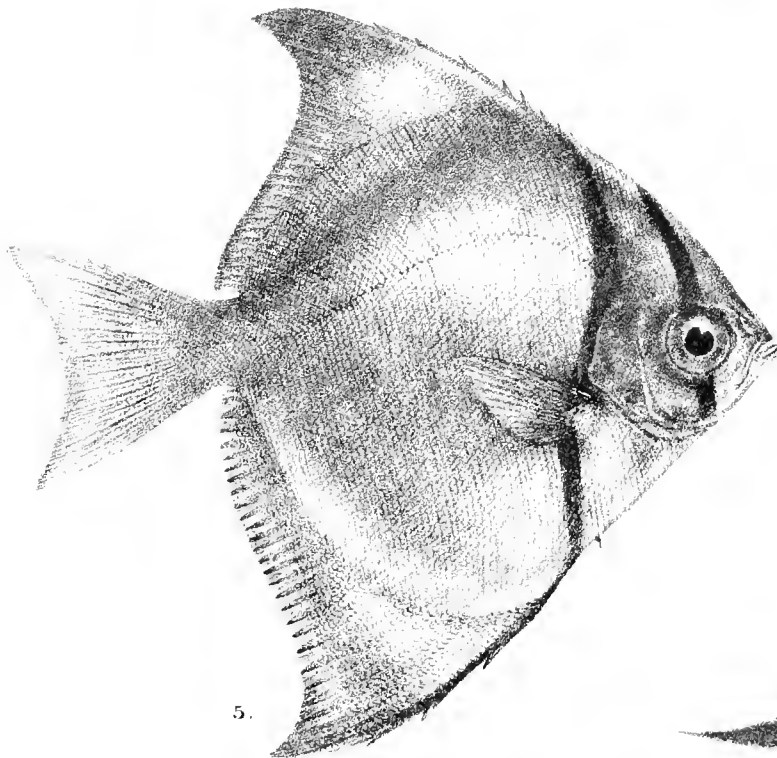
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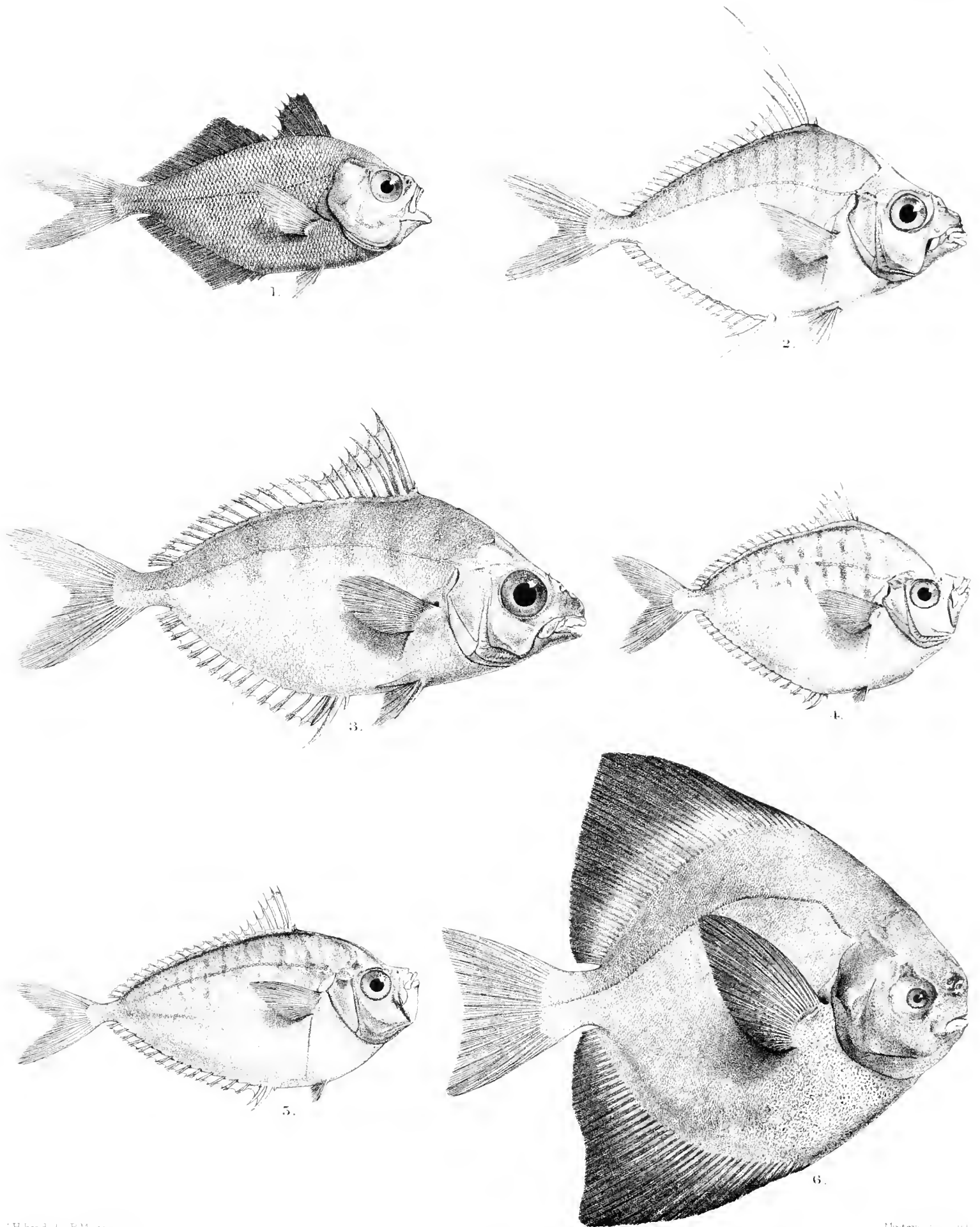


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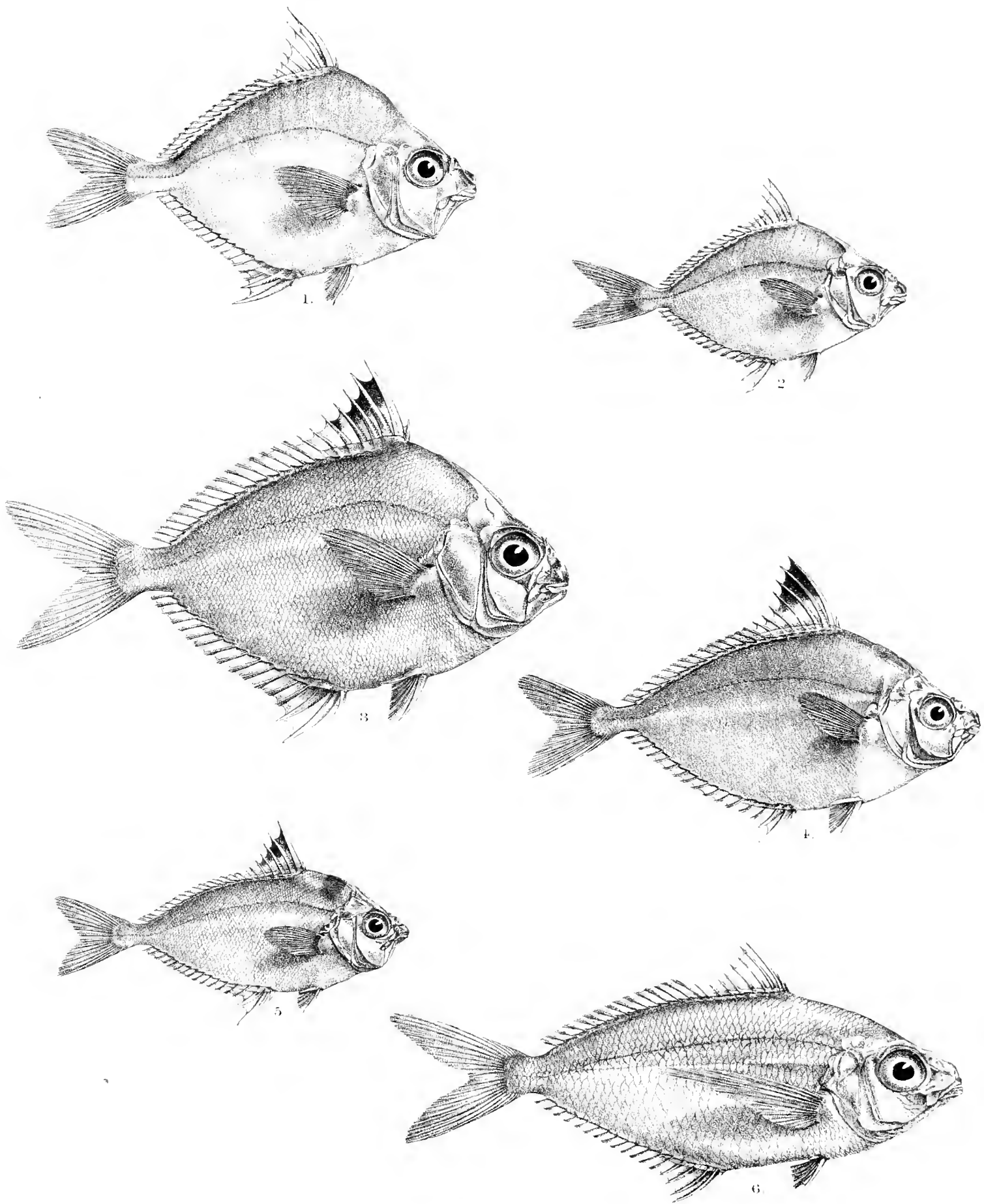


H. Ford & R. Meyer

Matera

1, PSEIDIA JAVANICA 2, EQUULA FASCIATA 3, E. LINEOLATA 4, E. RUCONIUS  
5, E. INSIGNATA 6, STROMATEUS SINENSIS



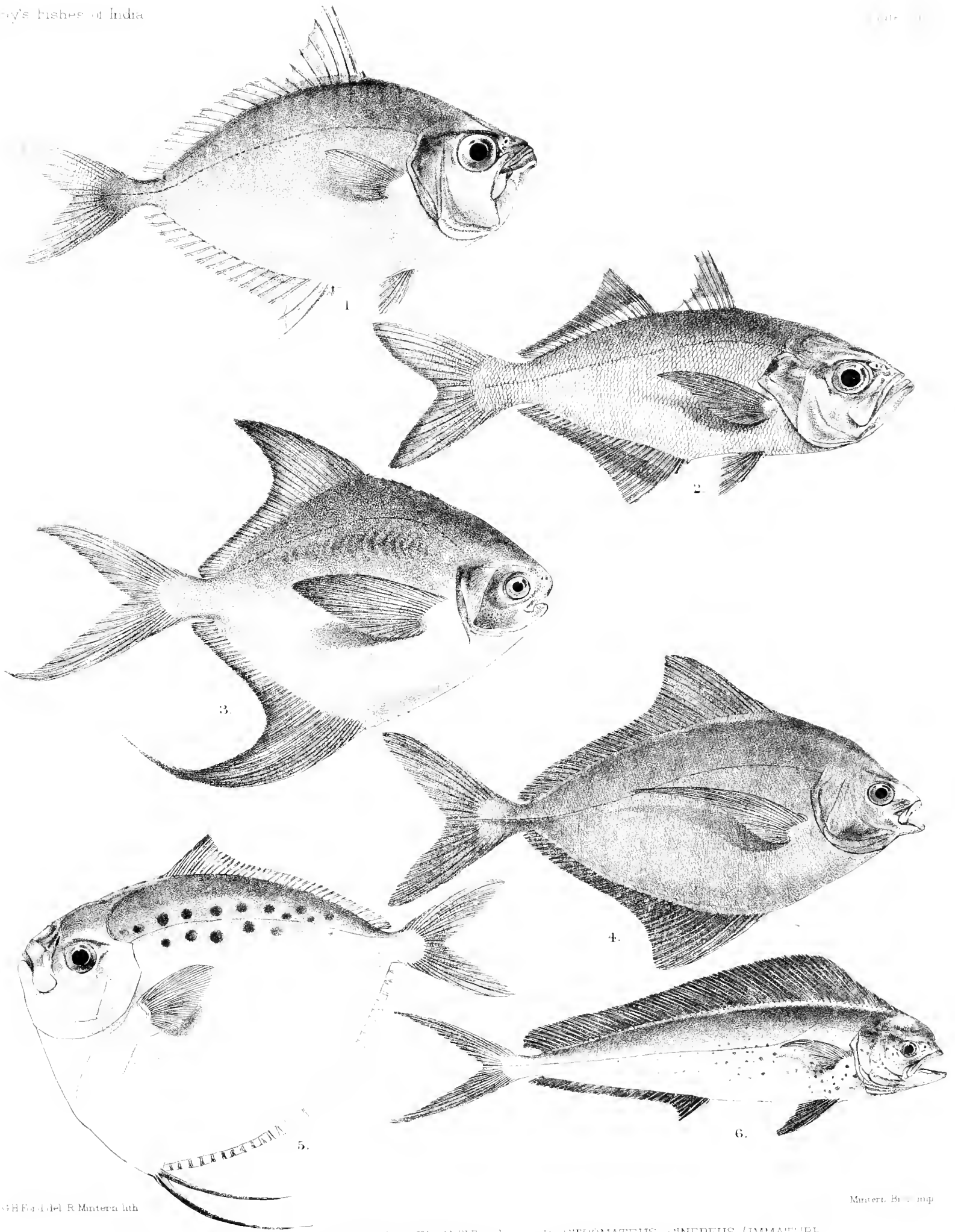


G.H. Ford del. J.R. King lith.

1. *SQUALA EDENTULA*      2. *S. E. DUSSUMERI*      3. *S. E. SPLENDEUS*      4. *S. E. DAURA*  
 5. *S. E. BLOCHII*      6. *PENTAPRICHUS LONGIMANTUS*

POST OFFICE  
HARTFORD CITY  
CONNECTICUT USA



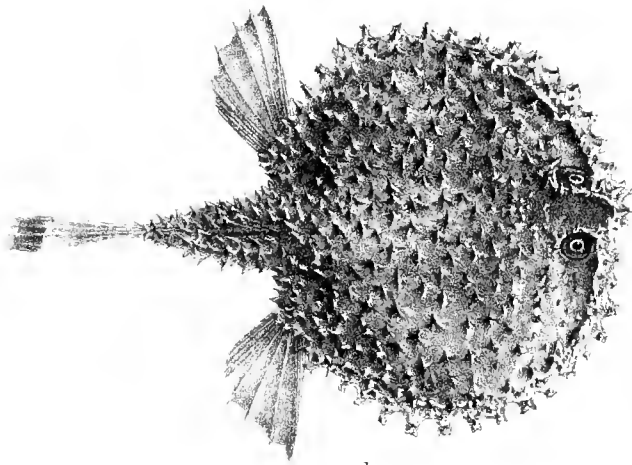


G.H. Fisher del. R. Minnerath lith.

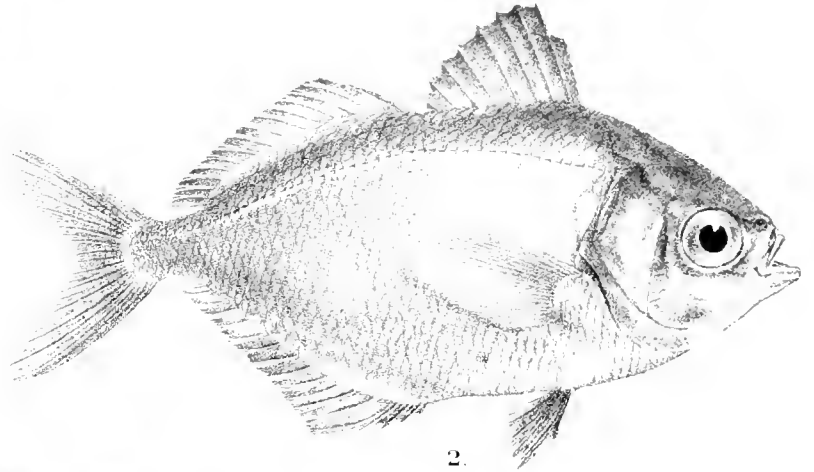
Minert. By Simpson

1. *GADUS MIHUTA*      2. *LACTARIUS DELICATULUS*      3. *STROMATEUS CINEREUS* (IMMATURE)  
 4. *C. NIGER*      5. *MENE MACULATA*      6. *CORYPHÆNA HIPPIURUS*

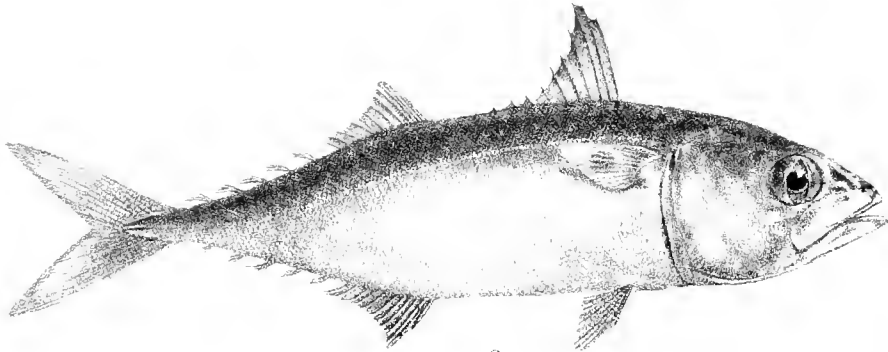
THE UNIVERSITY  
OF CALIFORNIA USA



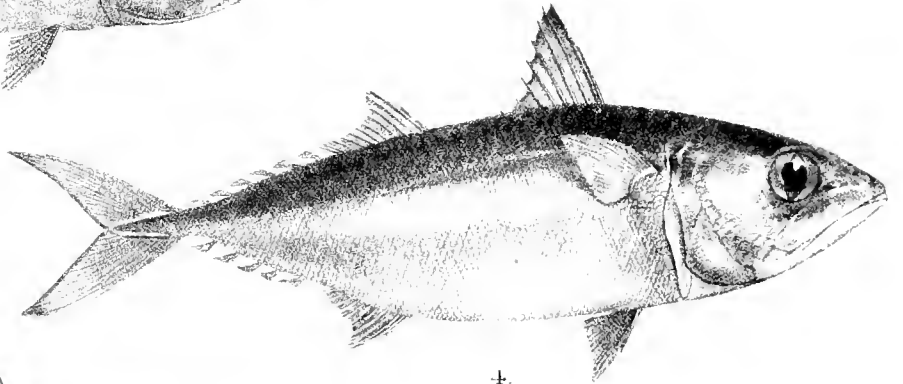
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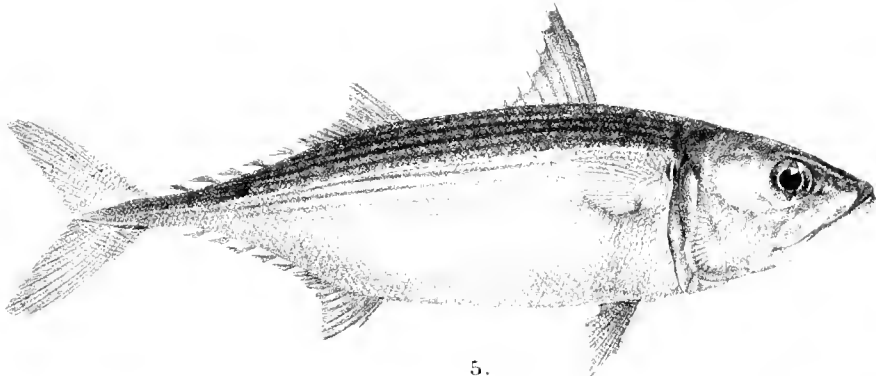
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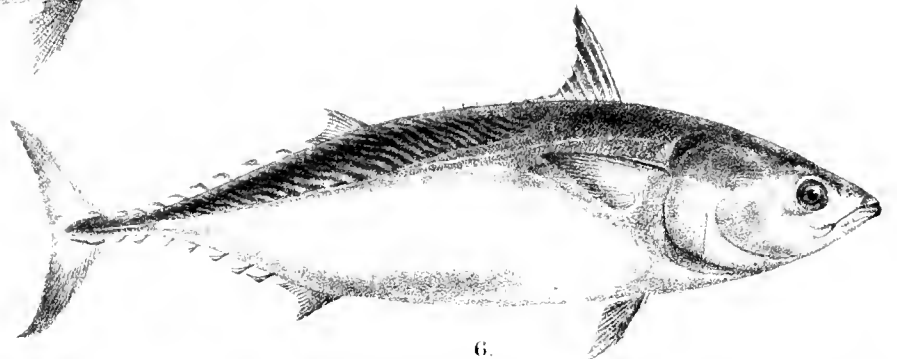
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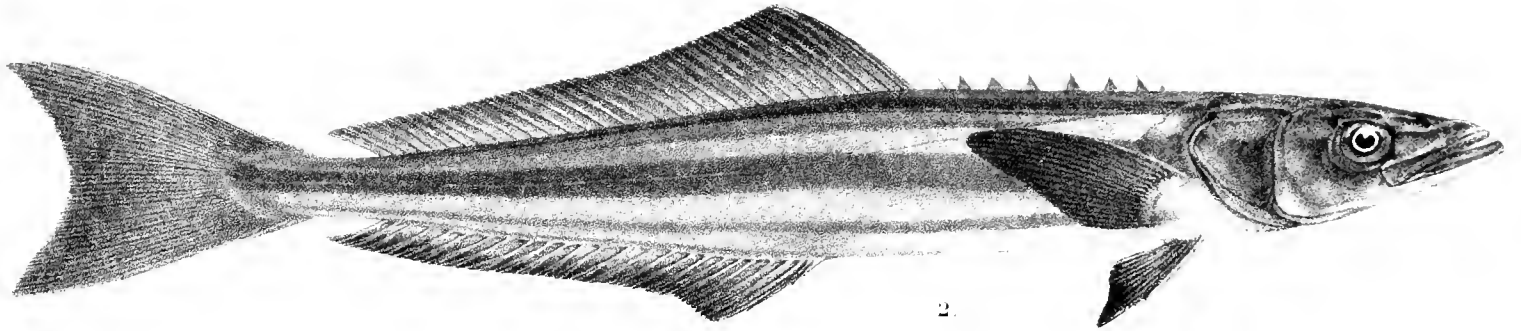
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1, HALICENTÆA STELLATA      2, PSENES INDICUS.      3, SCOMBER      MICROLEPIDOTUS (YOUNG)  
4, S. MICROLEPIDOTUS (MIDDLE AGE).      5, S. MICROLEPIDOTUS (ADULT).      6, THYNNUS THUNNINA.





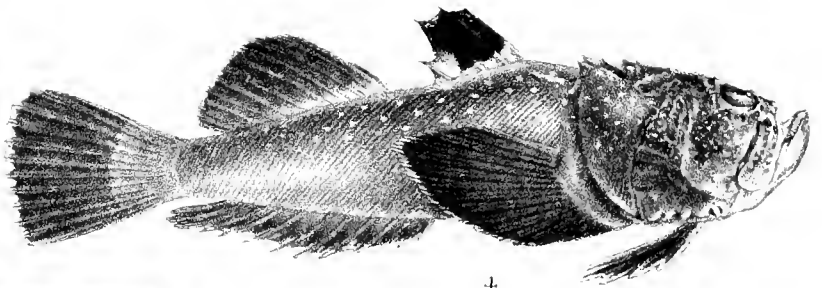
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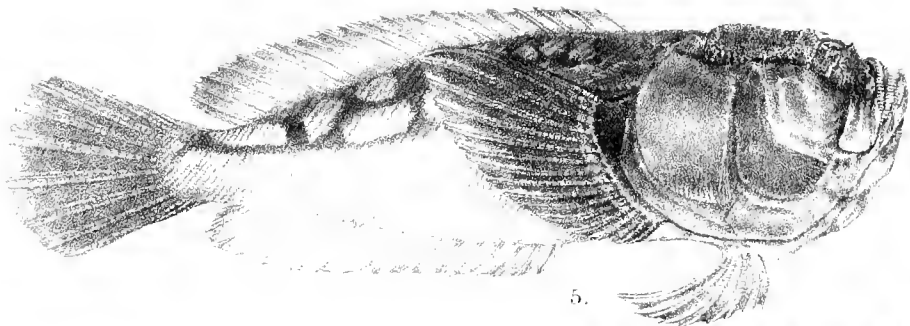
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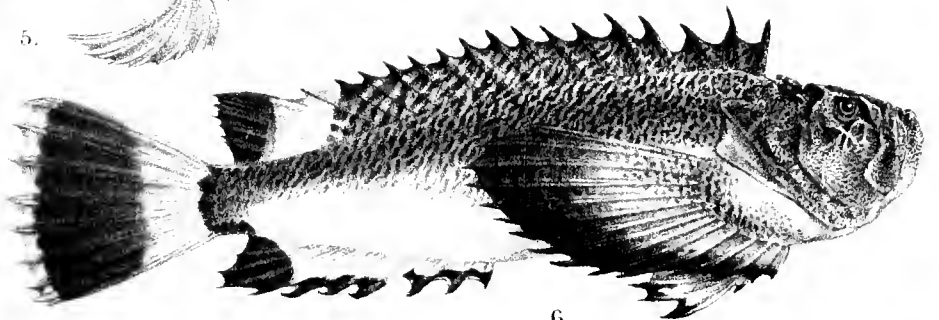
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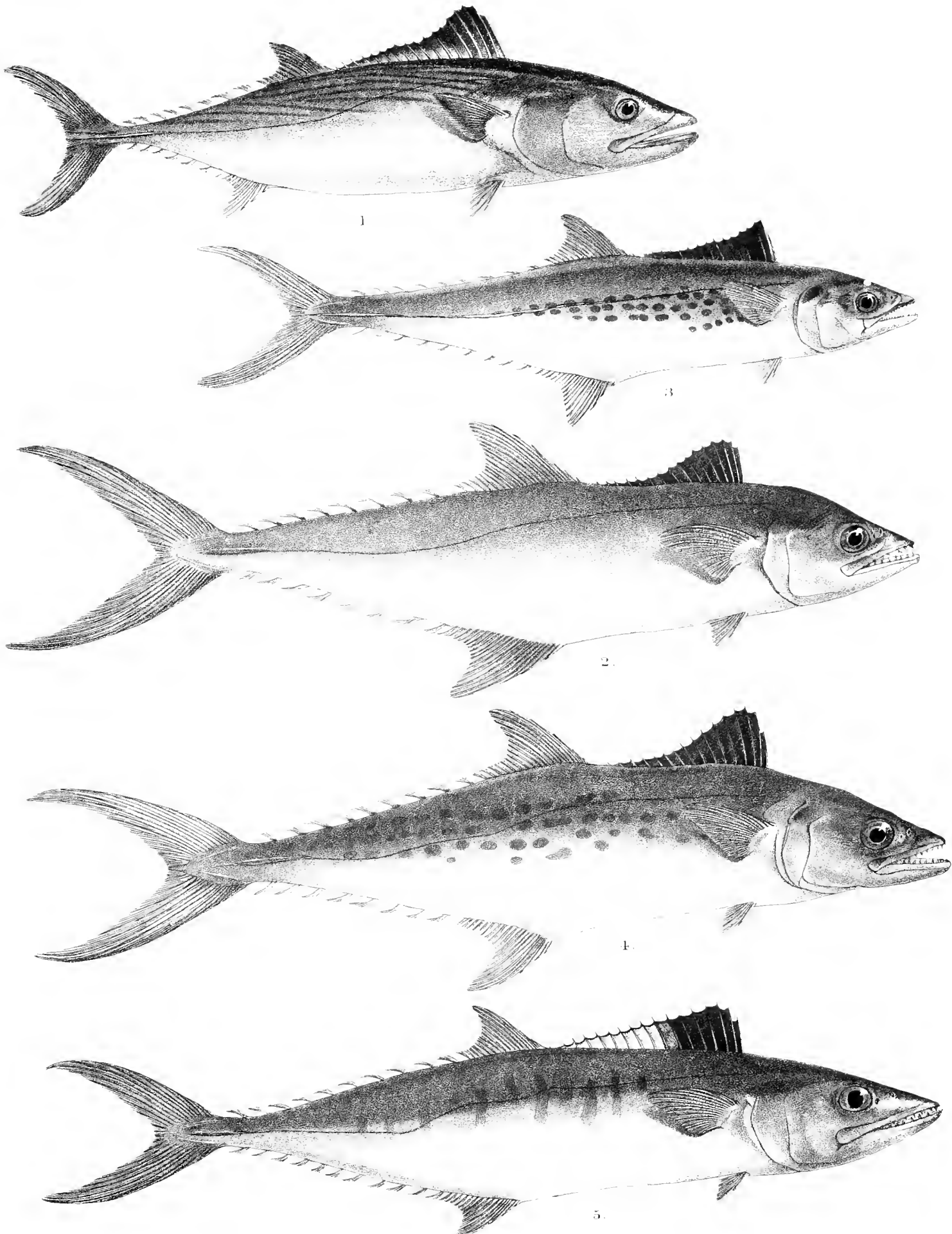
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G.H. Ford del. Suzum hth.

Mutern Bro. imp.

1, CYBIUM GUTTATUM (YOUNG). 2, ELACATE NIGRA 3, ECHENEIS BRACHYPTERA  
 4, URANOSCOPIUS MARMORATUS 5, ICHTHYSCOPUS INERME 6, PSEUDOSYNANCEIA MELANOSTIGMA





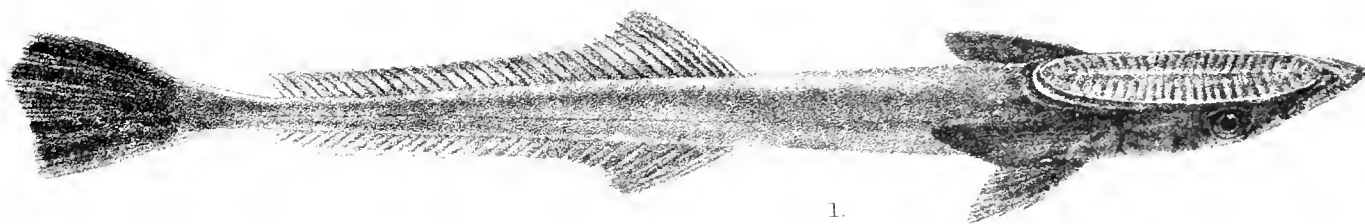
GH Ford del R Mintern lith

Mintern Bros unsp

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5, C. COMMERSONII.



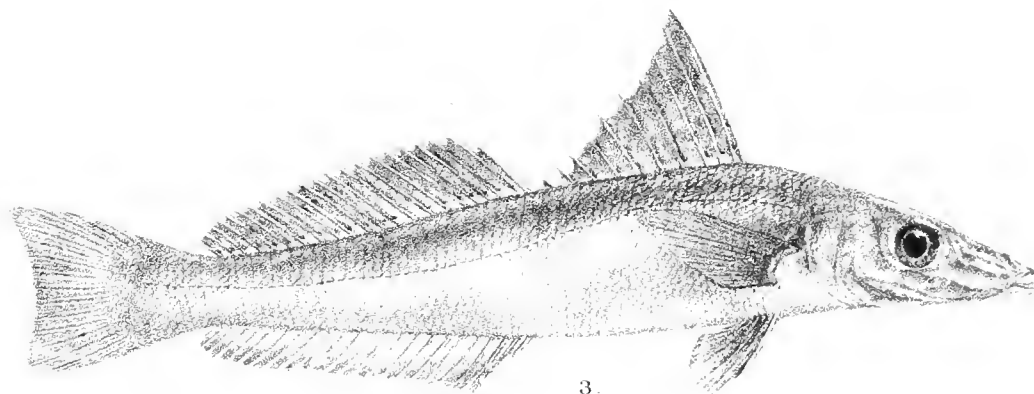




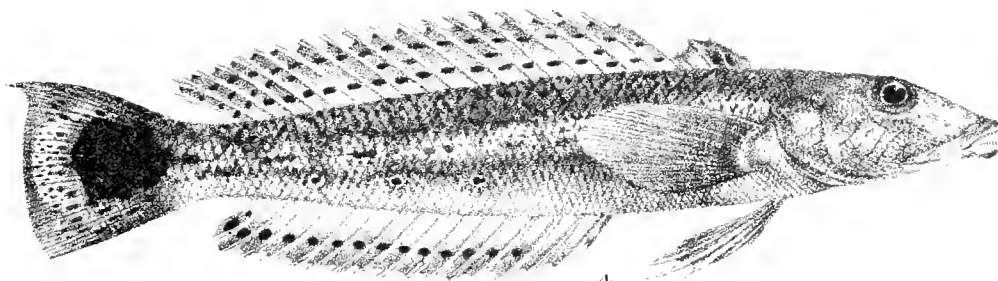
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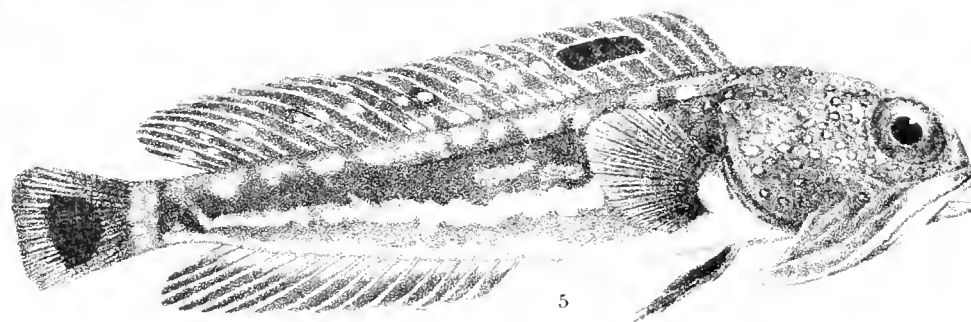
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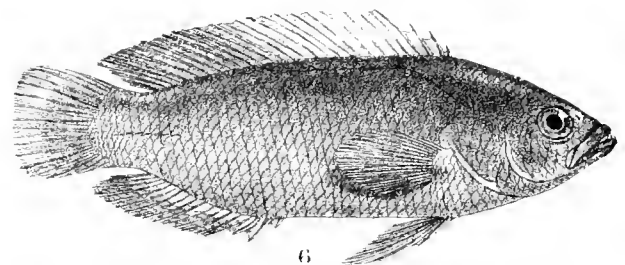
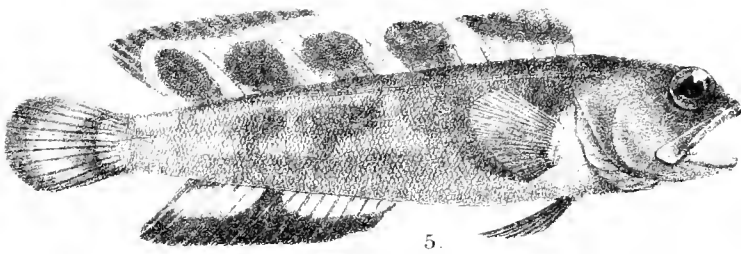
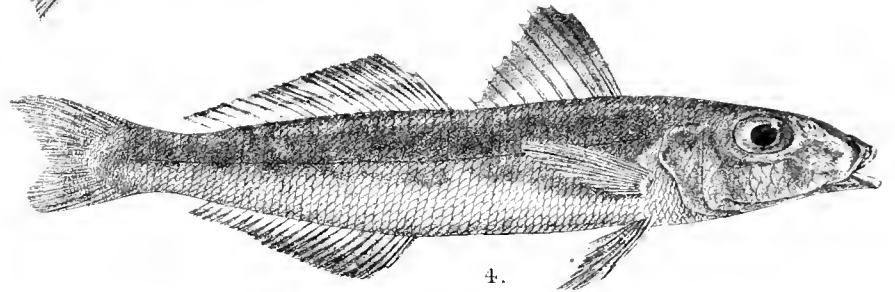
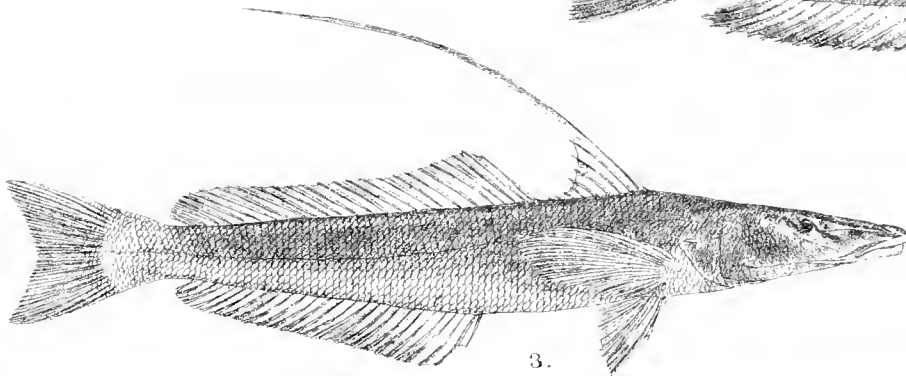
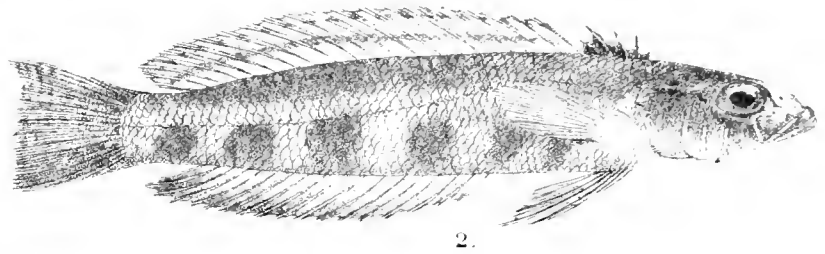
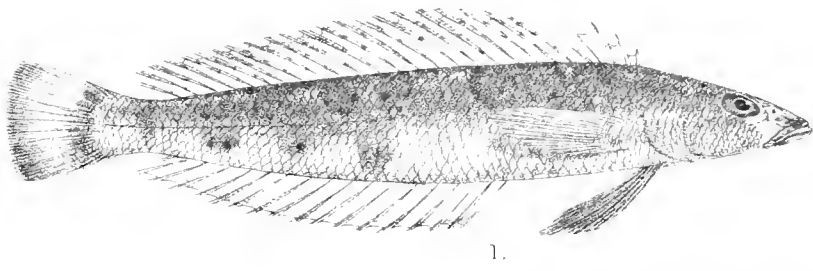
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2, E. ALBESCENS.

3, SILLAGO SIHAMA  
5, OPISTHOGNATHUS NIGROMARGINATUS

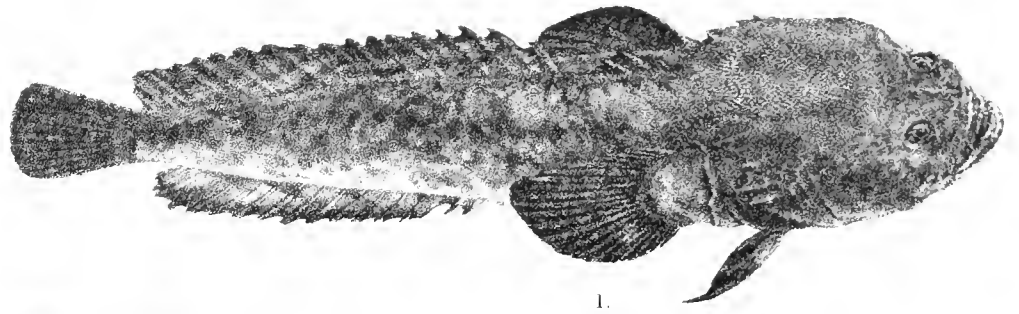
4, PERCIS HEXOPHTHALMA



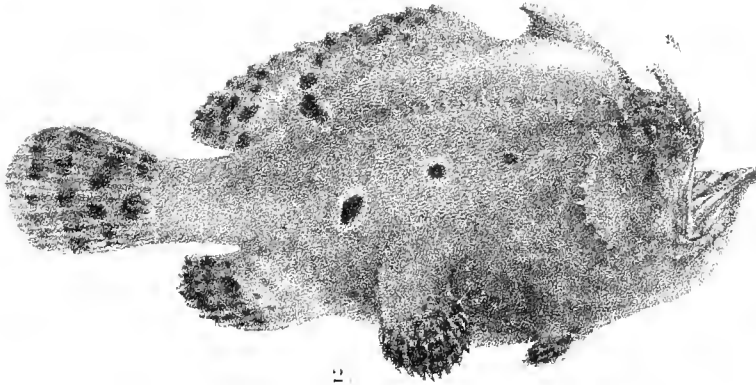


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 5. OPISTHOGNATHUS ROSENBERGII      6. PSEUDOCROMIS XANTHOCHIR

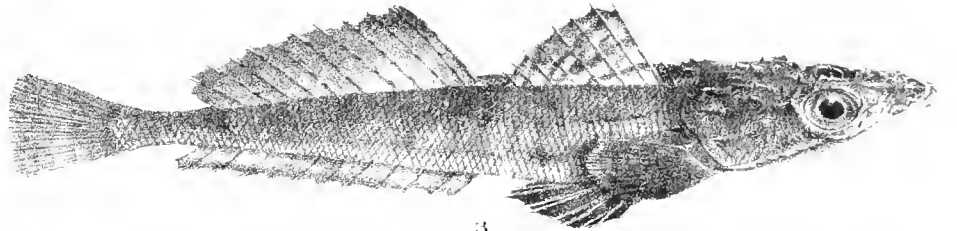




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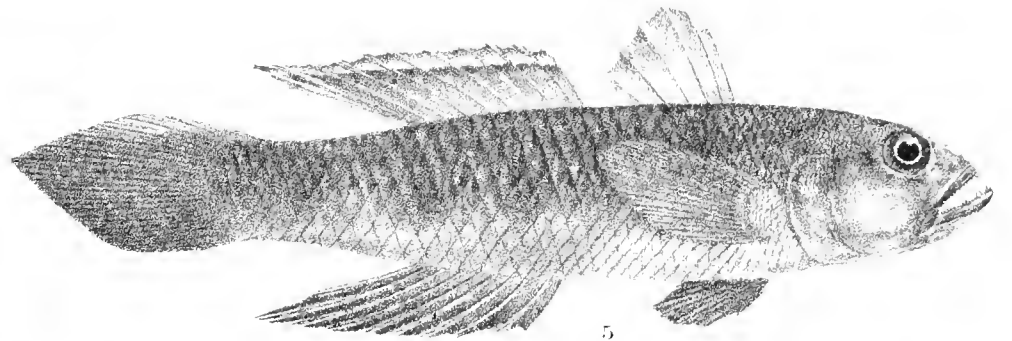
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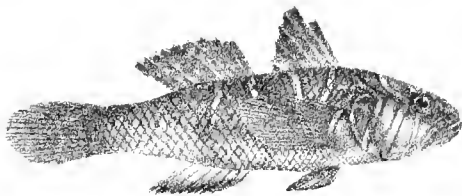
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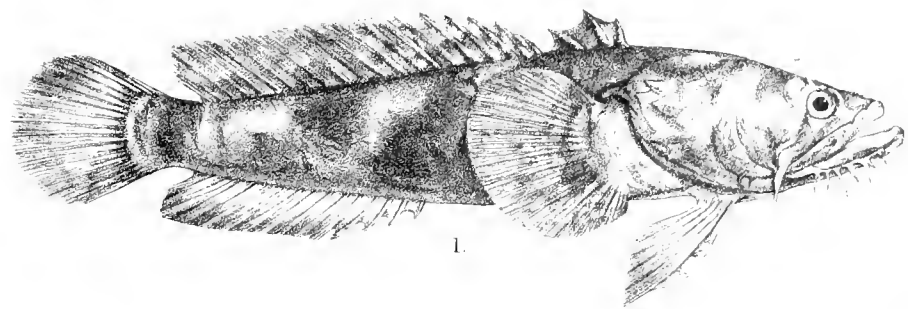
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G.H. Ford del. Suzumi lith.

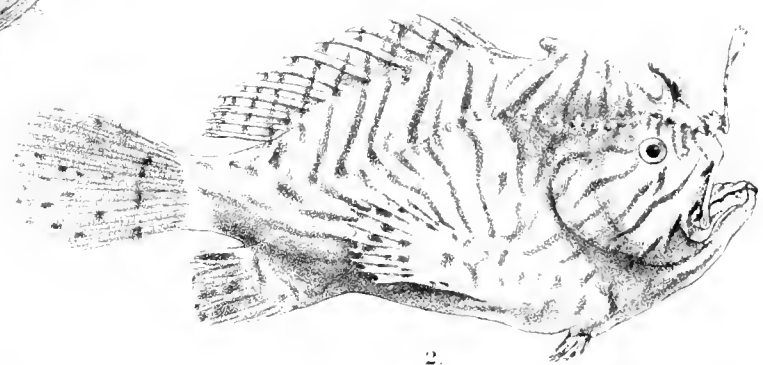
Mintern. Br. 100000

- 1, BATRACHUS GRUNNIENS      2, ANTENNARIUS NUMMIFER      3, PLATYCEPHALUS MACRACANTHUS  
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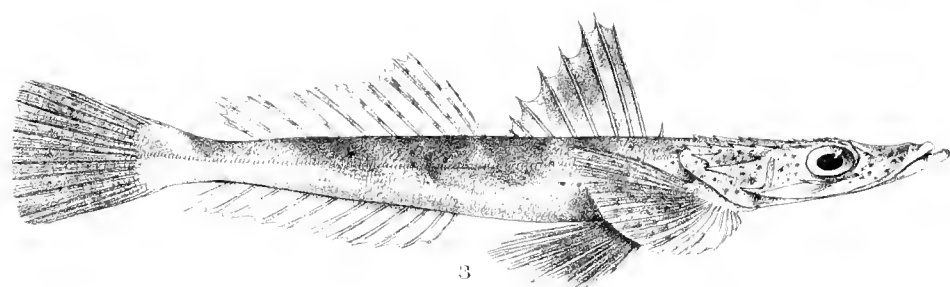
UNIVERSITY  
HARVARD UNIVERSITY  
CAMBRIDGE, MA USA



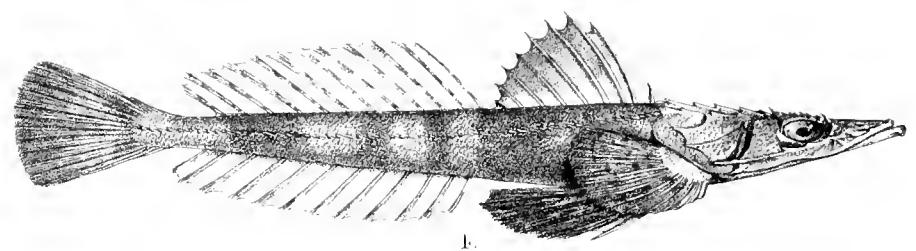
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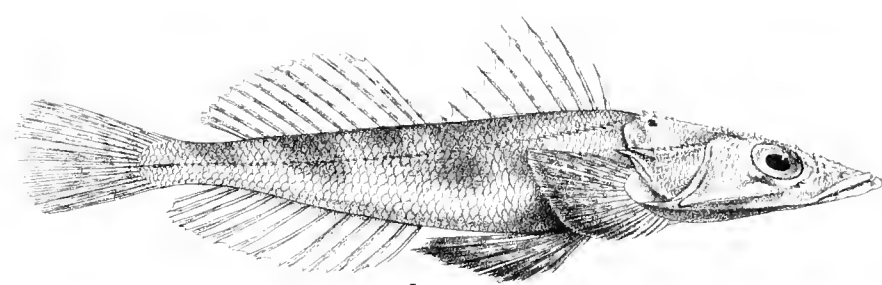
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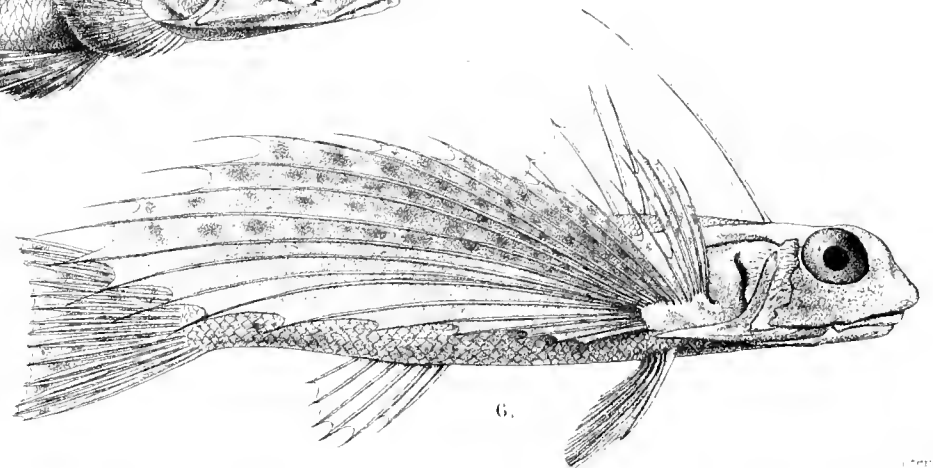
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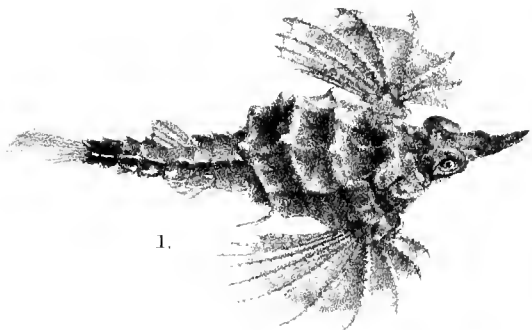
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G.H.F. & Co. R. Mincin. Ind.

1, BATRACHUS GRUNNIENS      2, ANTENNARIUS BIMACULATUS      3, PLATYCEPHALUS PUNCTATUS  
 4, P. SCABER      5, P. TUBERCULATUS      6, LACTYLOPTERUS ORIENTALIS

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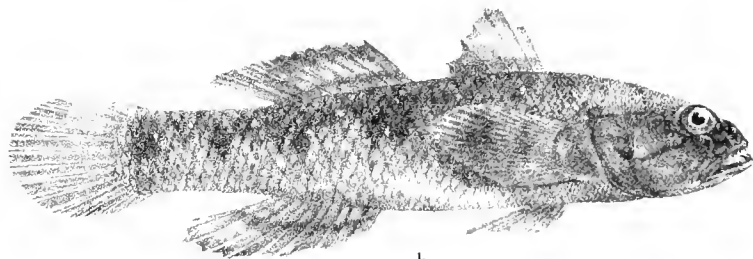
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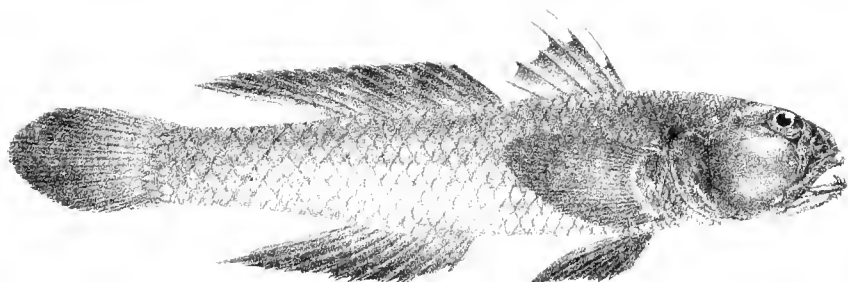
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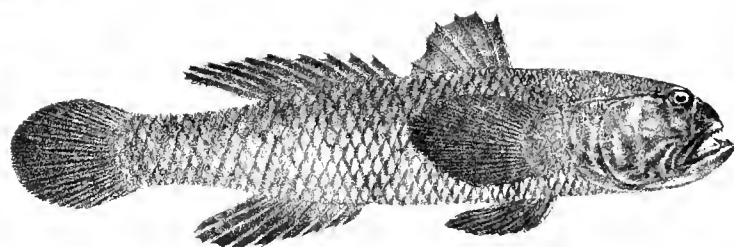
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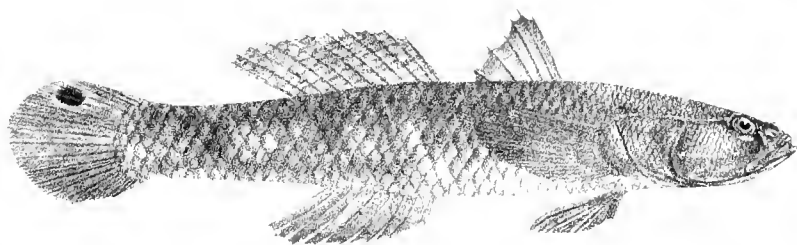
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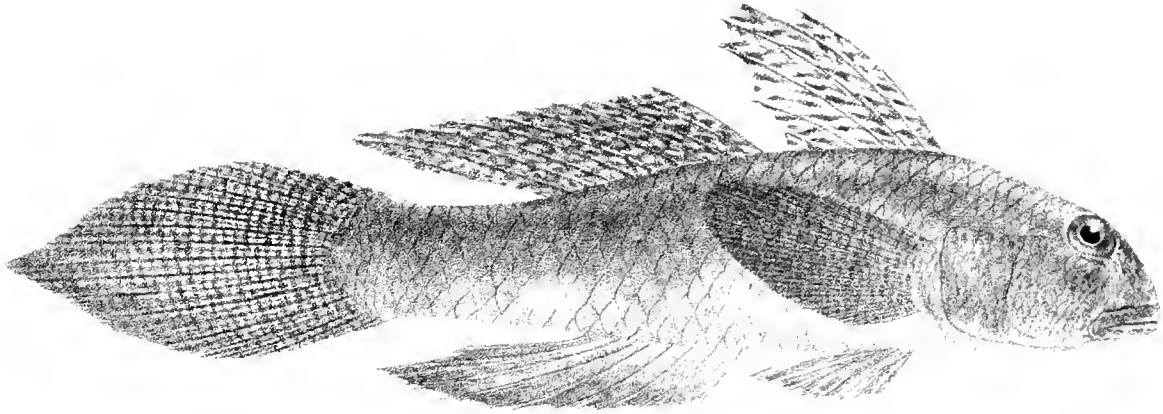


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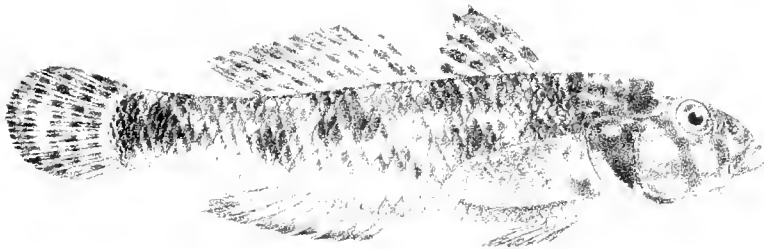


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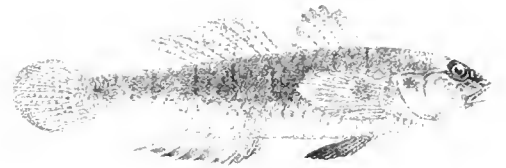
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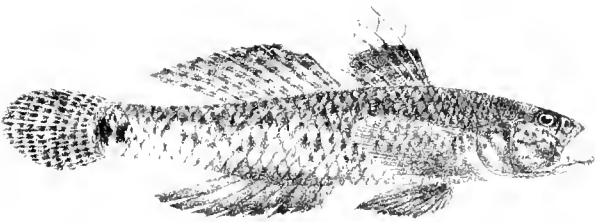
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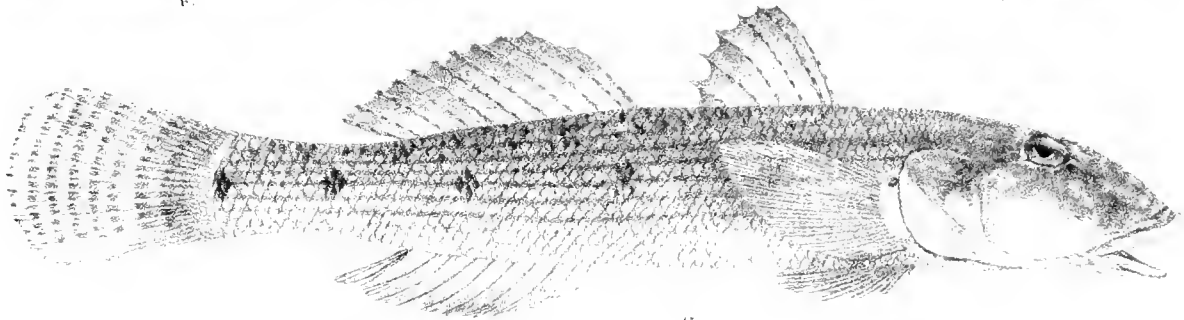
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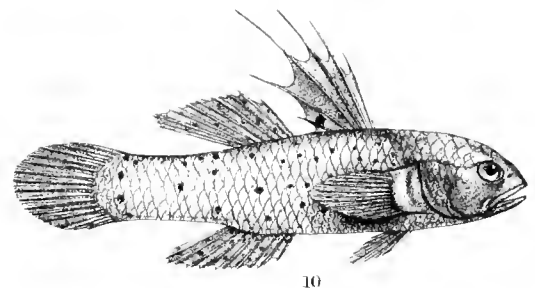
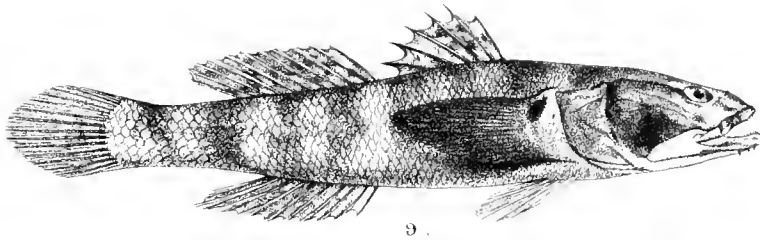
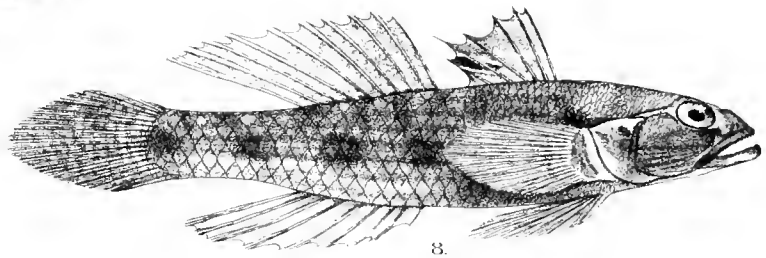
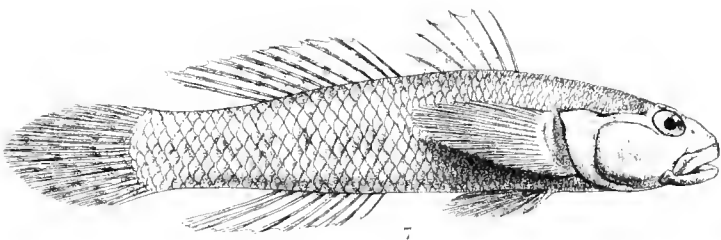
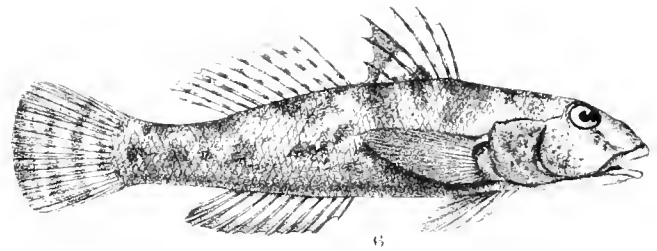
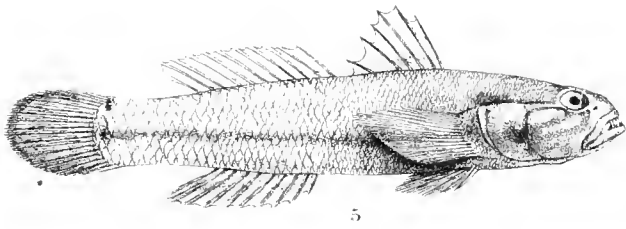
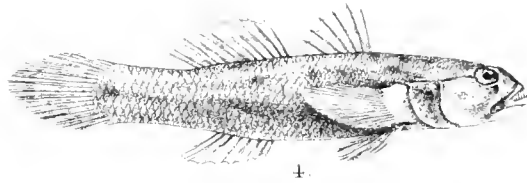
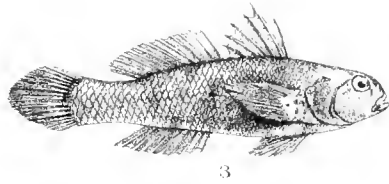
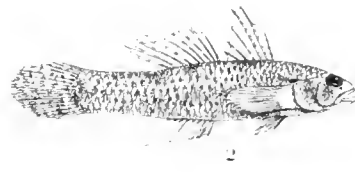
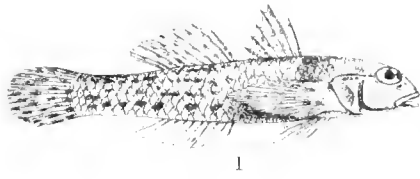


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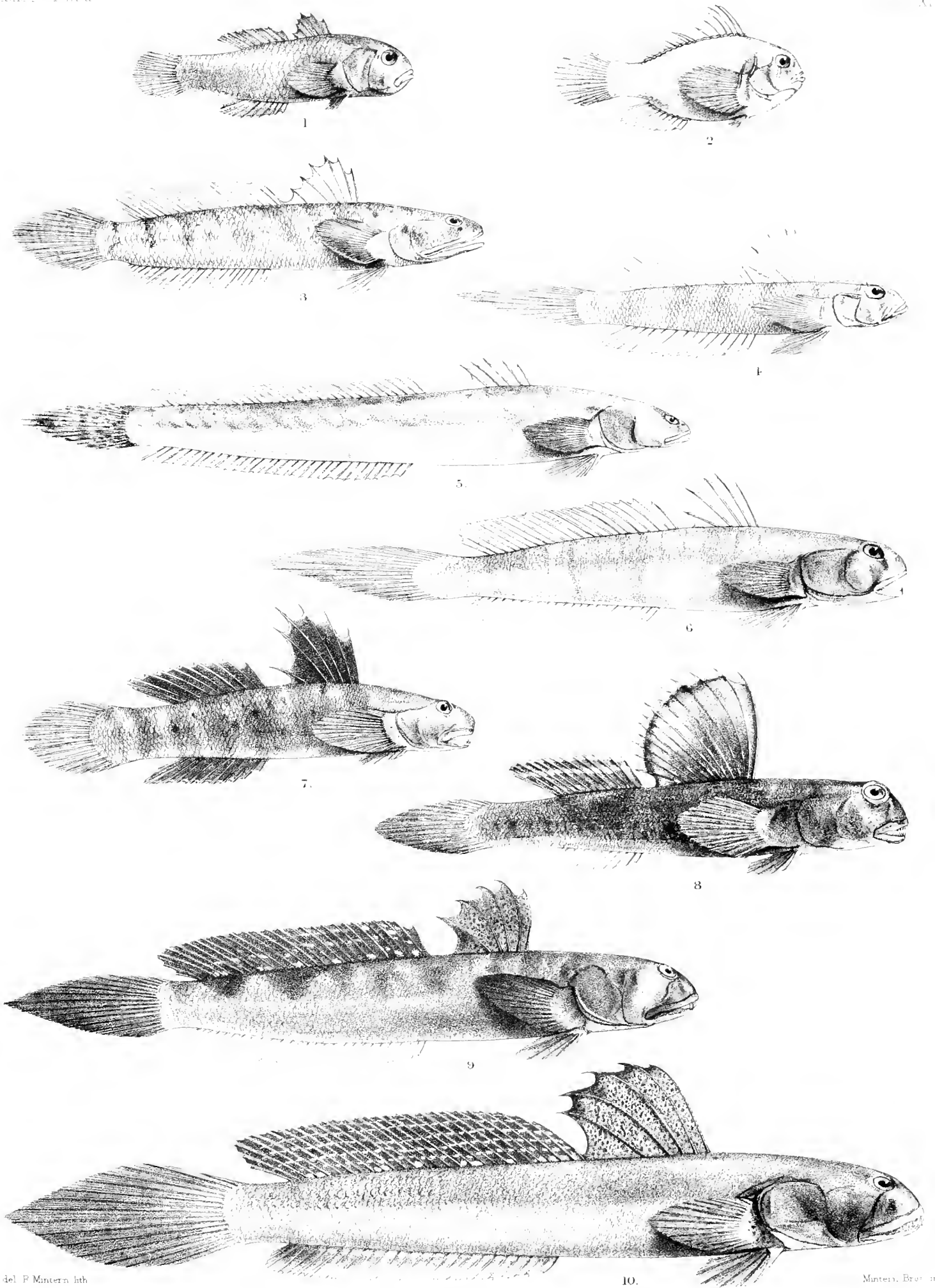
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1. GOBIUS ORNATUS 2. G. MELANOSTICTUS 3. G. GRISAEUS 4. G. VIRIDIPUNCTATUS VAR. 5. G. BREVIROSTRIS  
6. G. PERSONATUS 7. G. ALBOPUNCTATUS 8. G. BIODELLATUS 9. G. PLANIFRONS 10. G. SALANUNCIUS

University  
of  
Massachusetts  
Lowell, MA USA



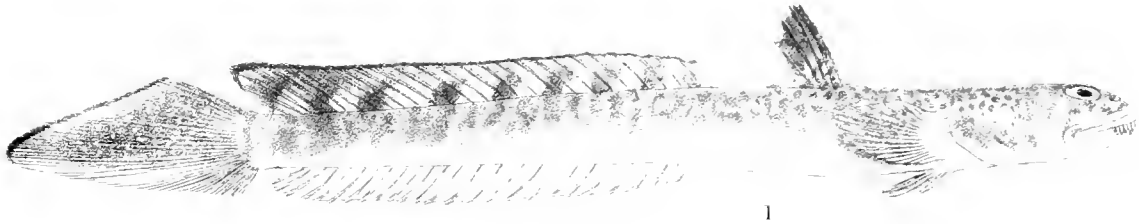
G.H.Ford del P. Minetti lith

Minetti, Brno 1897

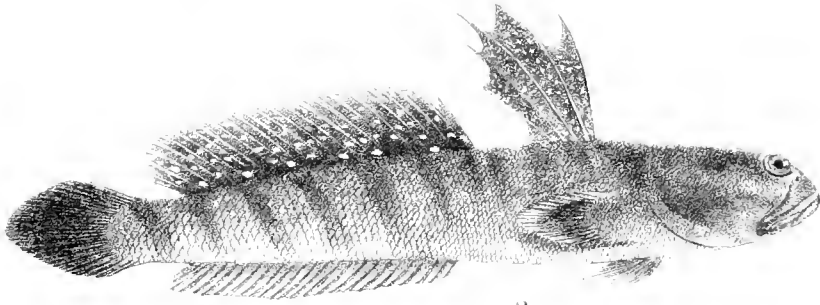
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 5 A<sup>P</sup>O<sup>C</sup>R<sup>Y</sup>P<sup>T</sup>E<sup>S</sup>   L<sup>A</sup>N<sup>C</sup>E<sup>L</sup>A<sup>T</sup>U<sup>S</sup>    6 A   B<sup>A</sup>T<sup>O</sup>    7 S<sup>I</sup>C<sup>Y</sup>D<sup>I</sup>U<sup>M</sup>   F<sup>A</sup>S<sup>C</sup>I<sup>A</sup>T<sup>U</sup>M    8 P<sup>E</sup>R<sup>I</sup>O<sup>P</sup>H<sup>T</sup>H<sup>A</sup>L<sup>M</sup>U<sup>S</sup>   K<sup>O</sup>E<sup>L</sup>R<sup>E</sup>U<sup>T</sup>E<sup>R</sup>I  
 9 B<sup>O</sup>L<sup>E</sup>C<sup>P</sup>H<sup>T</sup>H<sup>A</sup>L<sup>M</sup>U<sup>S</sup>   D<sup>U</sup>S<sup>S</sup>U<sup>M</sup>E<sup>R</sup>I    10 B   D<sup>E</sup>N<sup>T</sup>A<sup>T</sup>U<sup>S</sup>

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BENTLEY UNIVERSITY  
CAMBRIDGE, MA USA

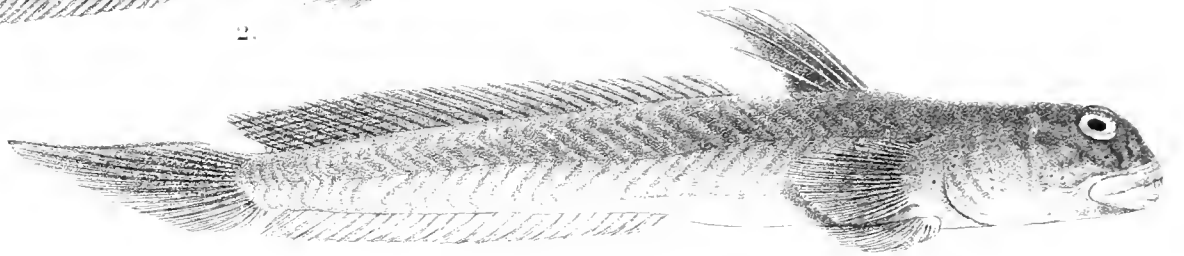




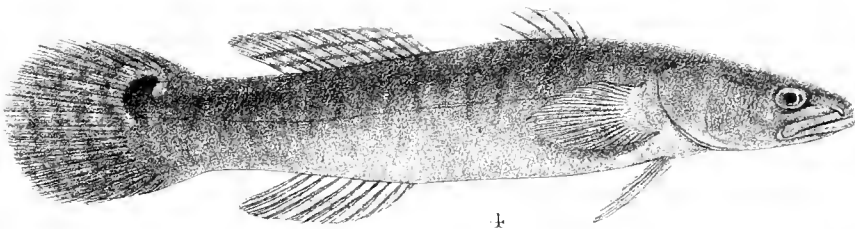
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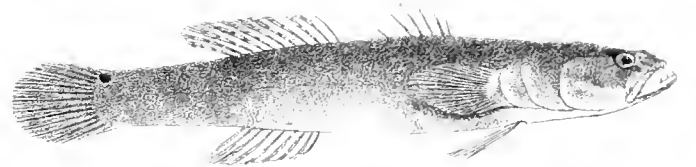
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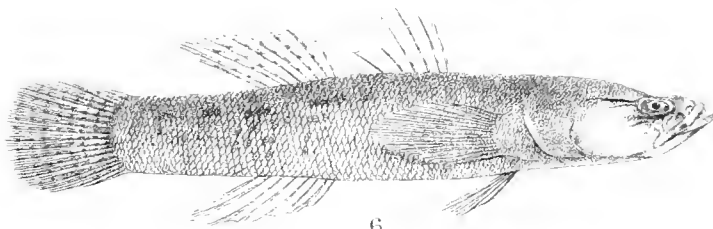
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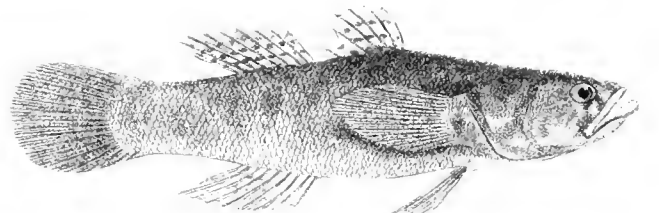
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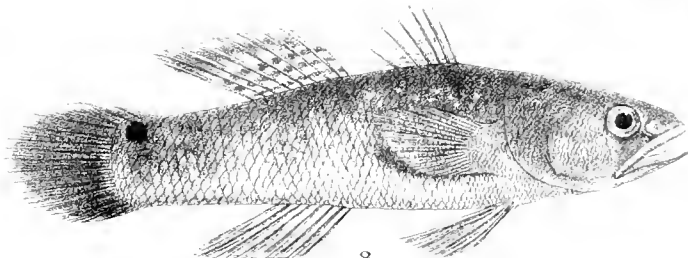
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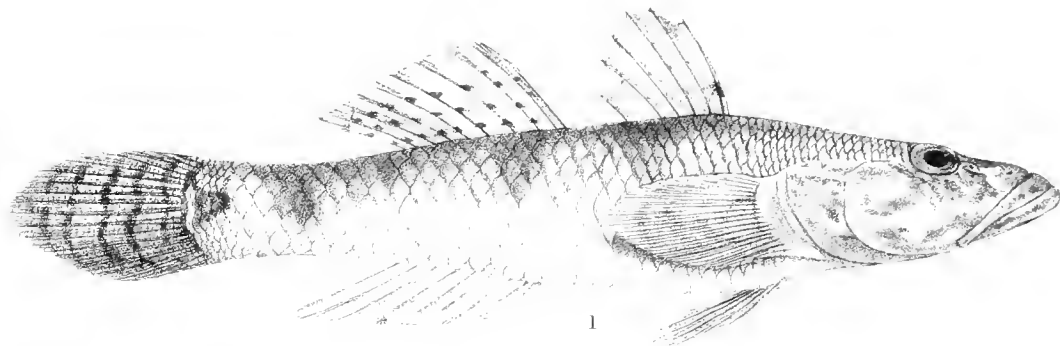


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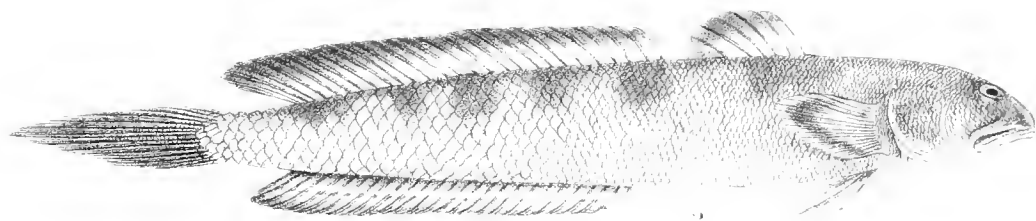


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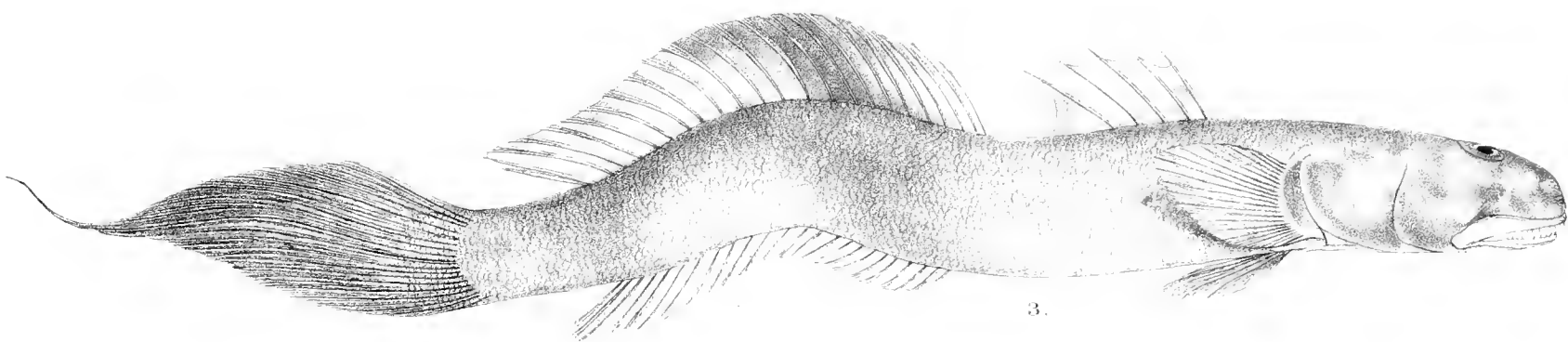
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MA USA



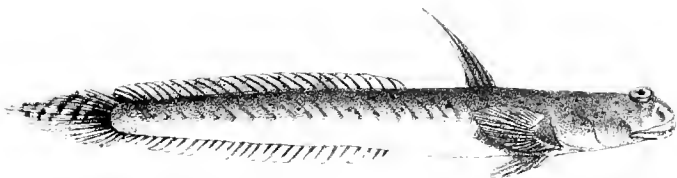
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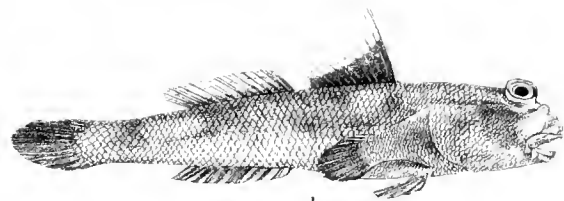
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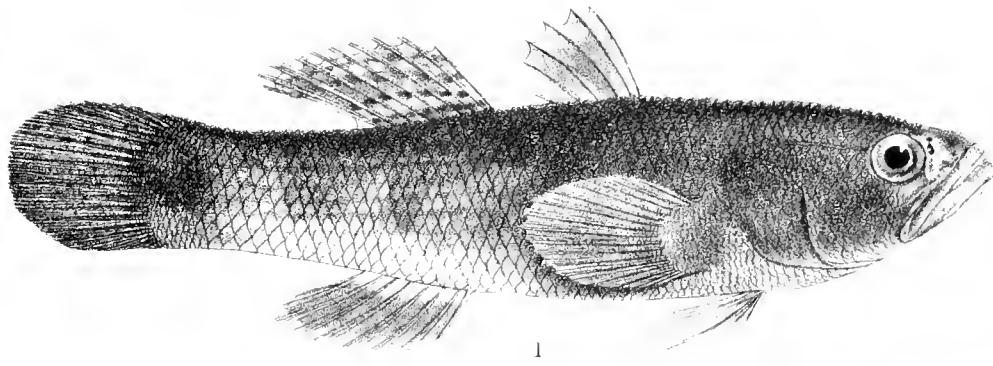
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G.H. Ford del. R. Minneros lith.

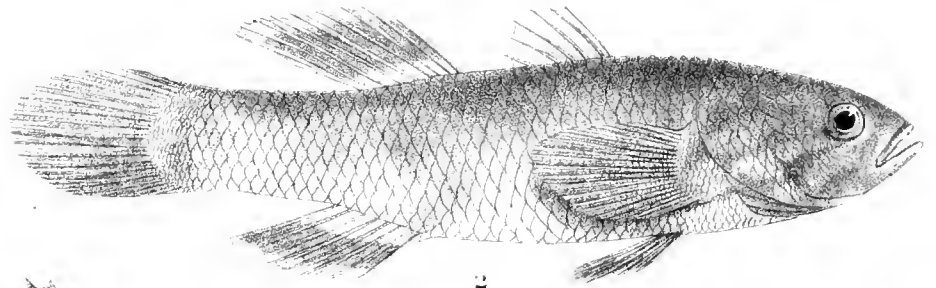
Minneros imp.

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 5. BOLEOPHTHALMUS VIRIDIS.

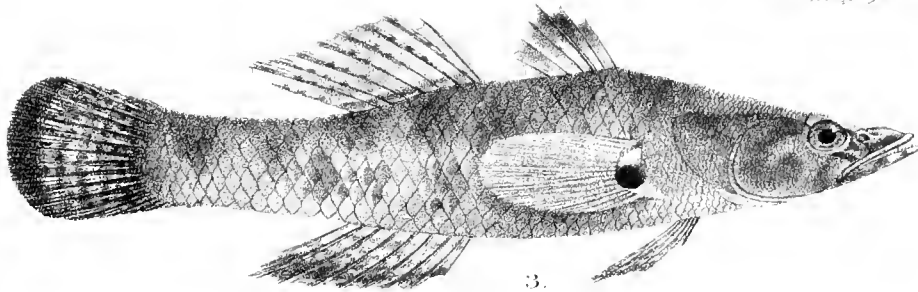
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ANN ARBOR, MI USA



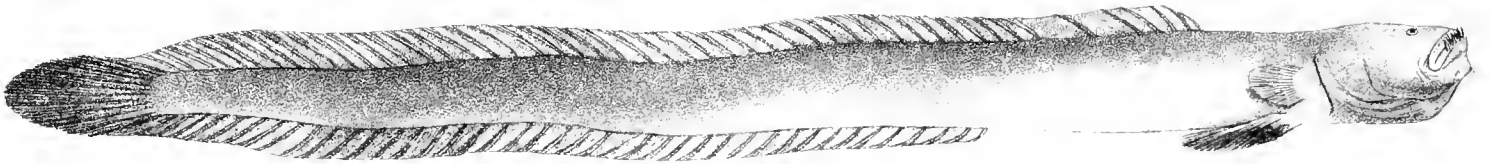
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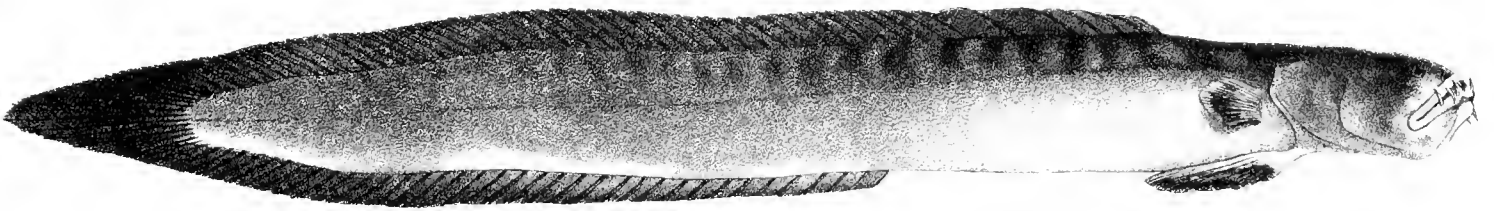
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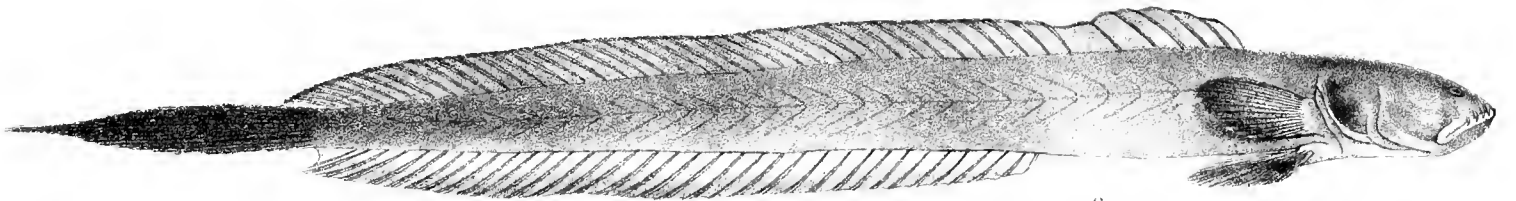
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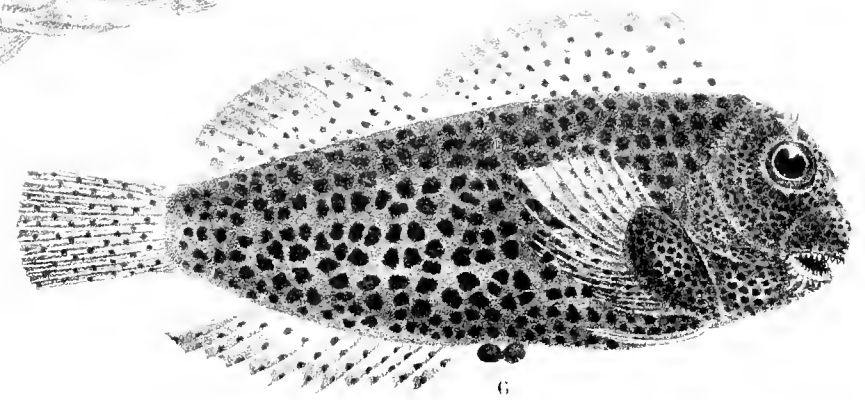
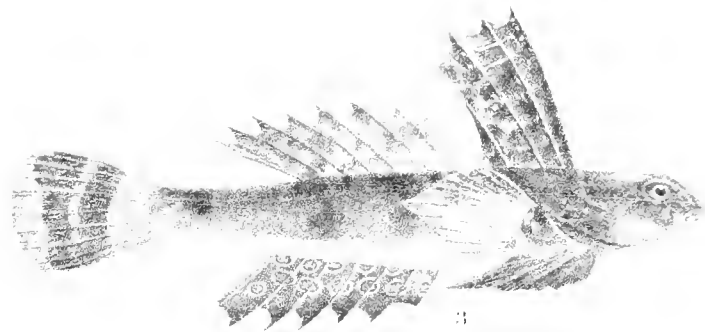
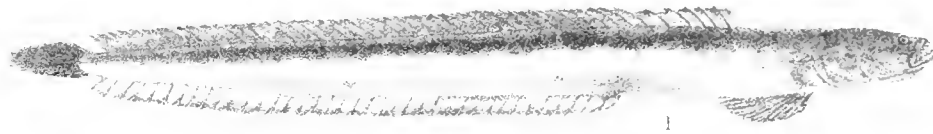
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S. S. BUCHANANI

3, ELEOTRIS BUTIS  
S. S. BUCHANANI

4, GOBIOIDES ANGUILLARIS

5, ELEOTRIS RUBICUNDUS

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1 G. BIODON CECILIOIDES 2 TRIPACIUS VAGRA 3 ALLOPIPIUS LINEATUS 4 CEPOLA ABBREVIATA  
5 ALLOPIPIUS CAGLIA FLUMINIS 6 BLINNUS LEOPARDUS



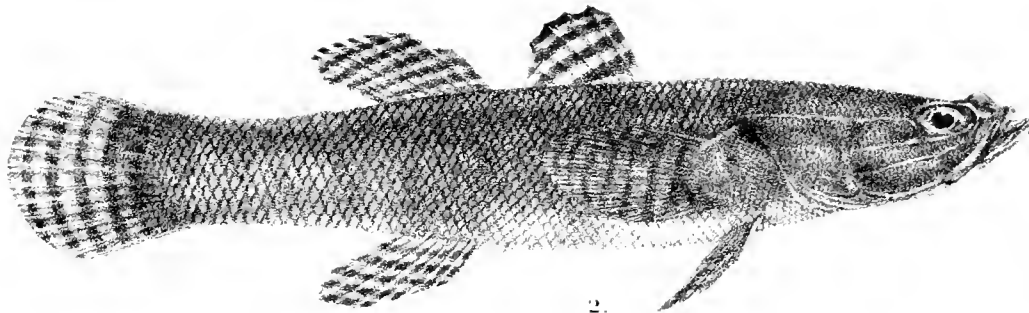




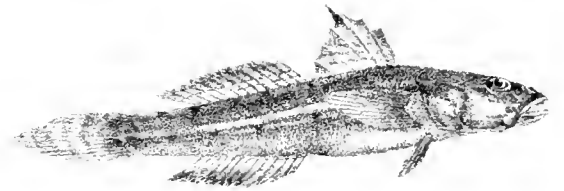
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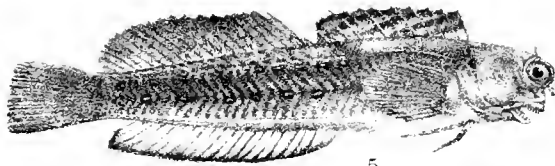
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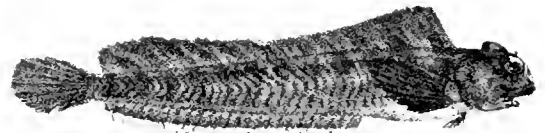
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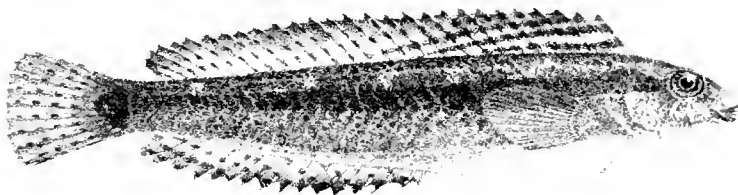
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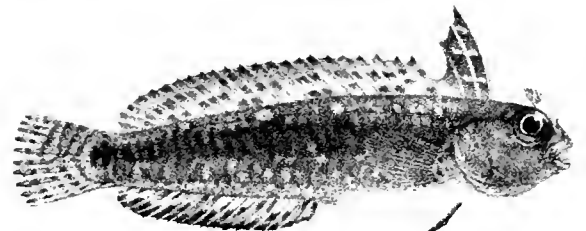
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8

G.H. Ford del. Suzumi lith.

Muttern Bros. imp.

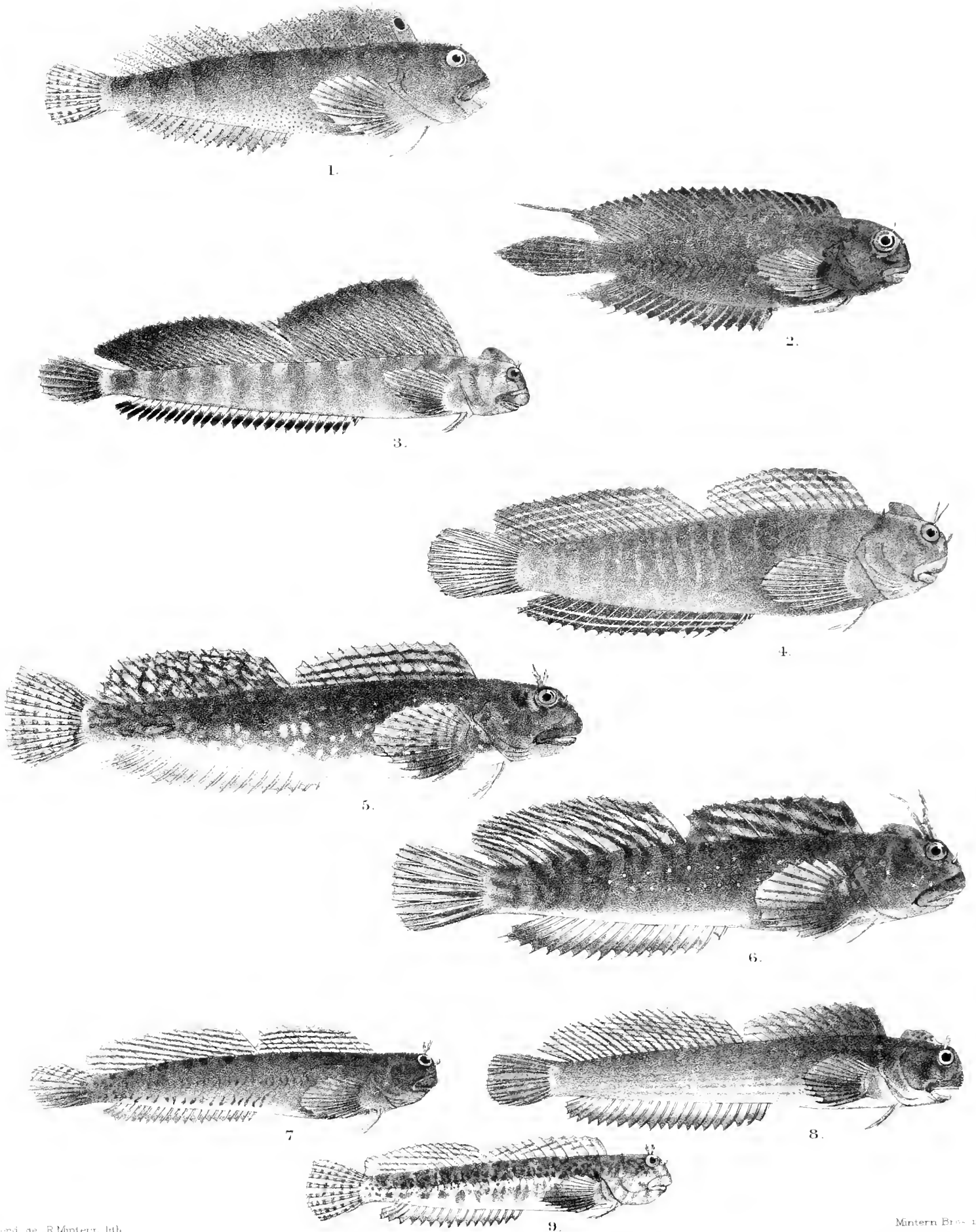
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5. SALARIAS PERIOPHTHALMUS

2. E. CANARENENSIS  
7. S. KIRKII

3. GOBIOIDES TENUIS  
6. PETROSCIETES VARIABILIS

4. G. CIRRATUS  
8. LIENARDI



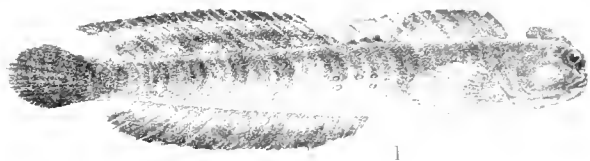


H. Ford. sc. R. McIntosh. lith.

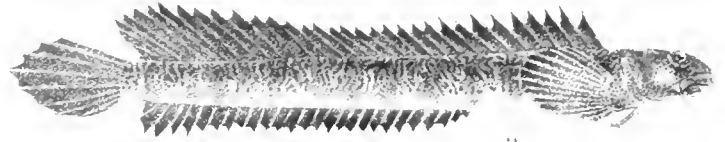
McIntosh Bros. imp.

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 5. *S. UNICOLOR* (FEMALE)    6. *S. UNICOLOR* (MALE)    7. *S. DUSSUMIERI*    8. *S. LINEATUS* (MALE)    9. *S. FRENATUS*





1



2



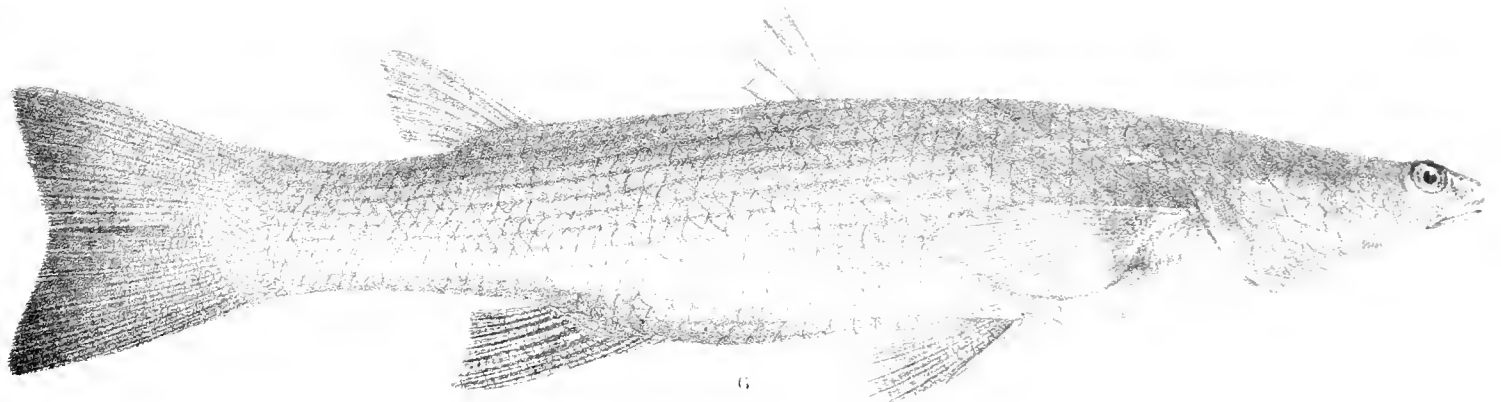
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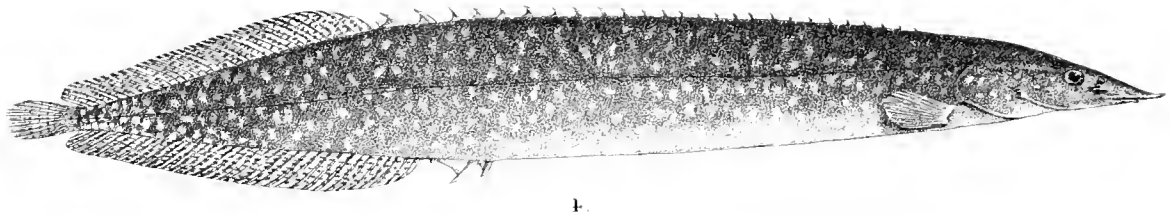
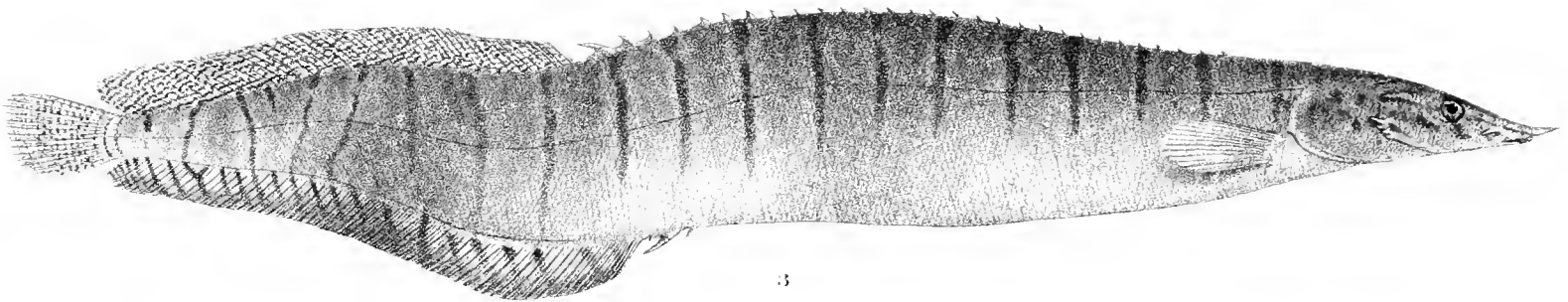
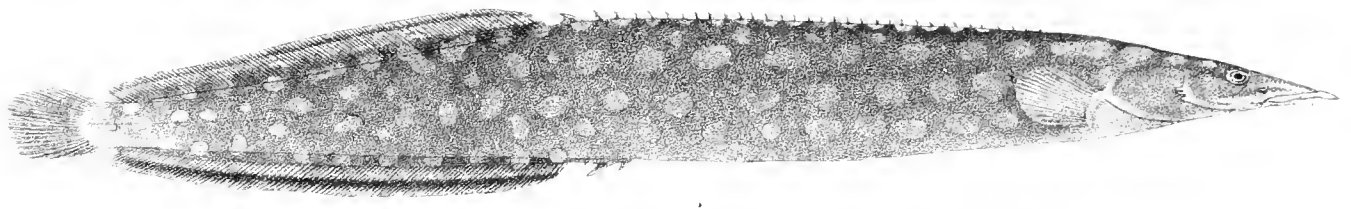
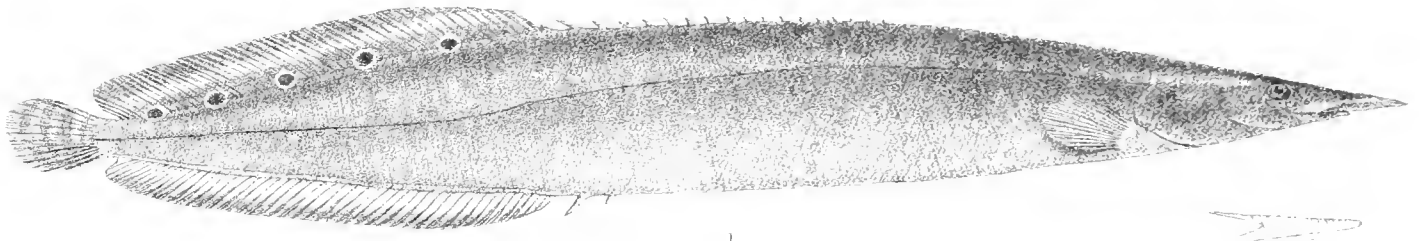
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6

1. SALARIAS BILTONENSIS    2. ANDAMIA EXPANSA    3. PETROSCIRTES BIPUNCTATUS  
 4. ATHERINA FORSKALII    5. SPHYRNA TIBURO    6. MUGIL CORSULA

MOZILLA  
HARVARD  
CALIFORNIA



G.H. Forster del. R. Munro sculp.

Munro, Bras. 1891.

1. RHYNCHOBDELLA ACULEATA

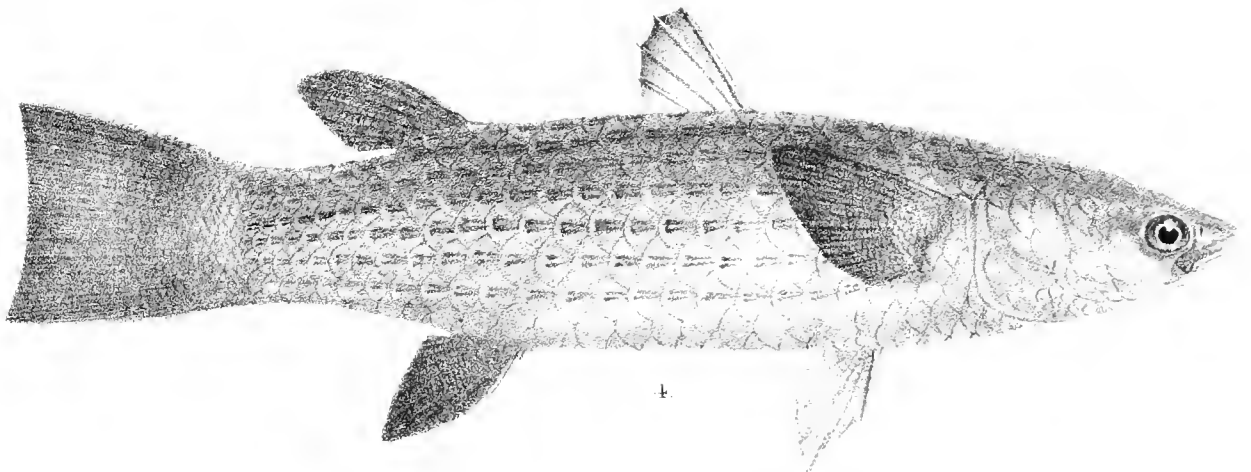
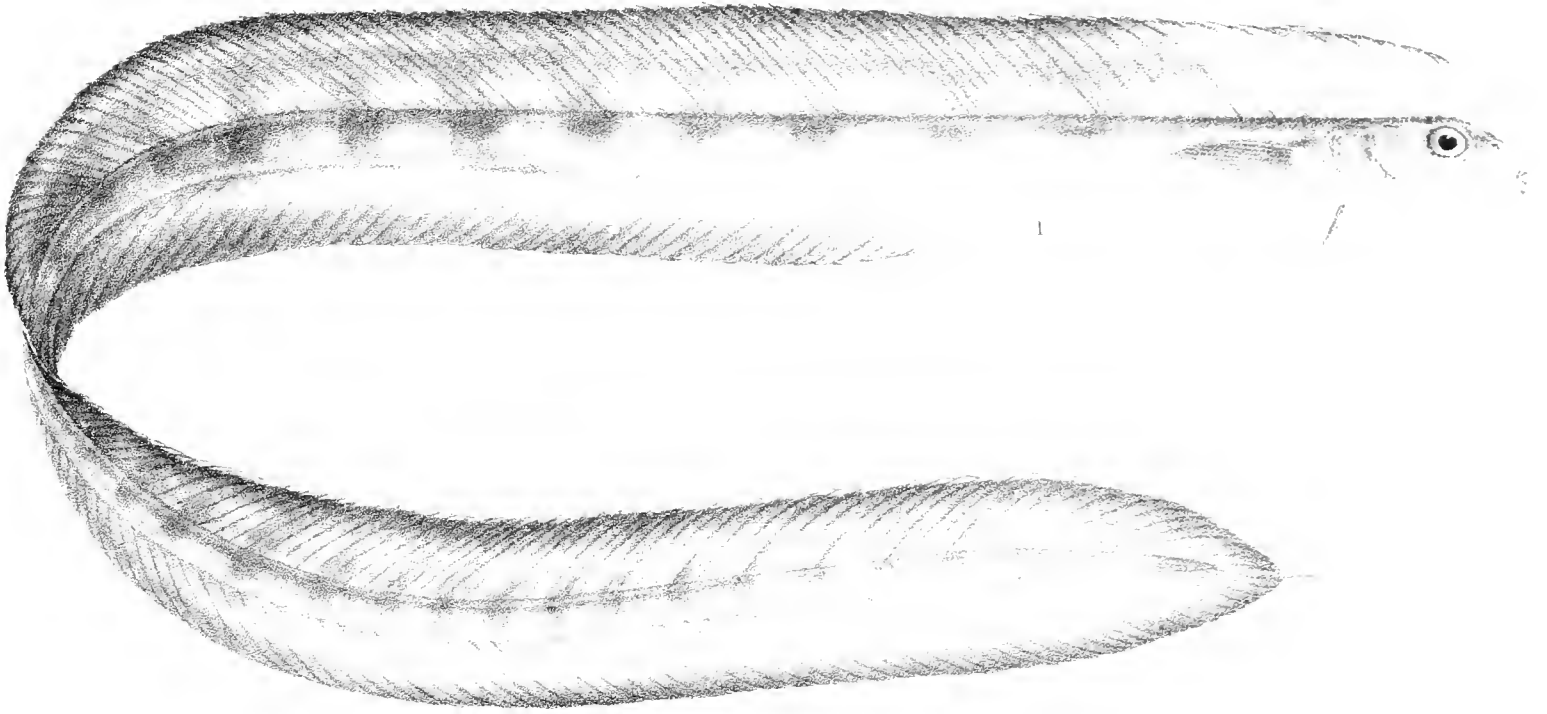
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3. M. ZEBINUS

4. M. PANGALU.

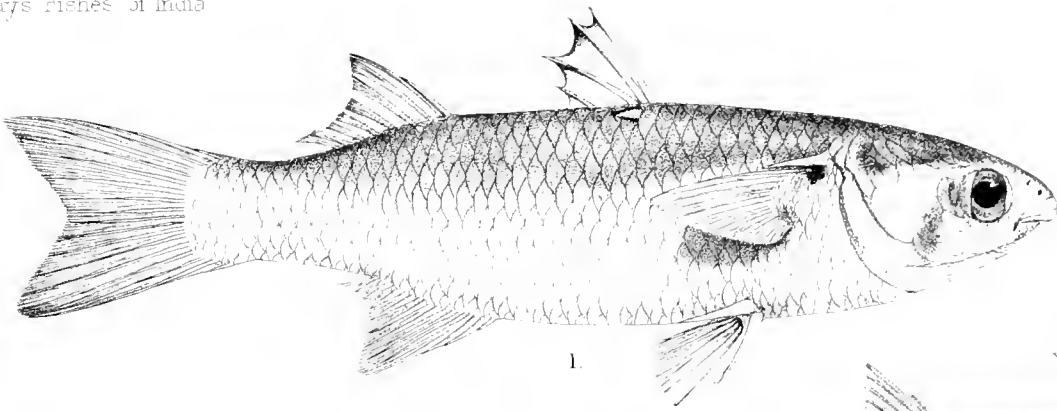




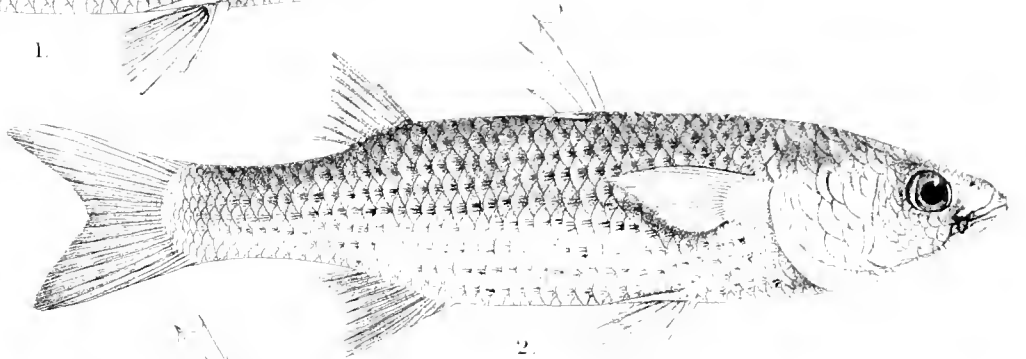


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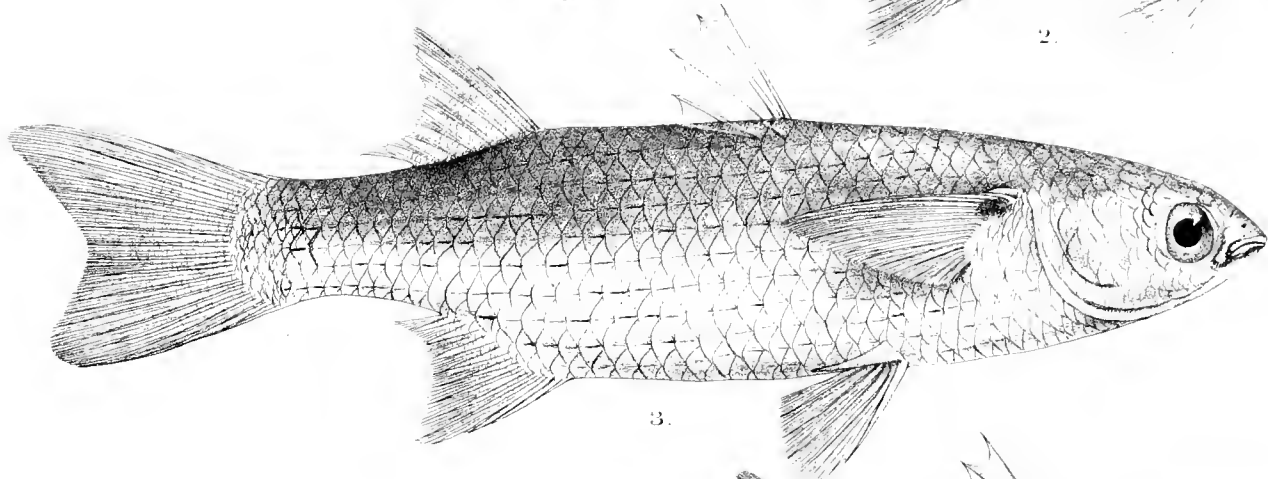
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HAWAII  
C.



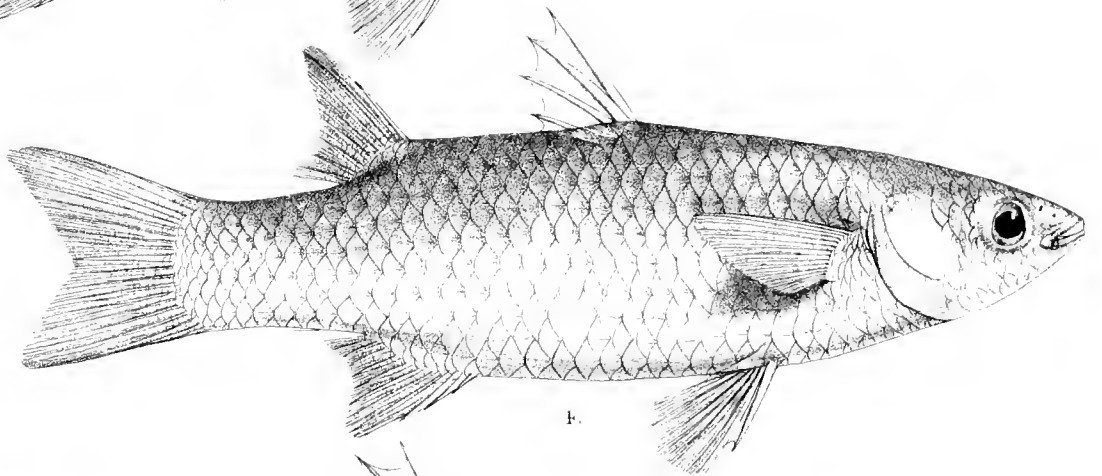
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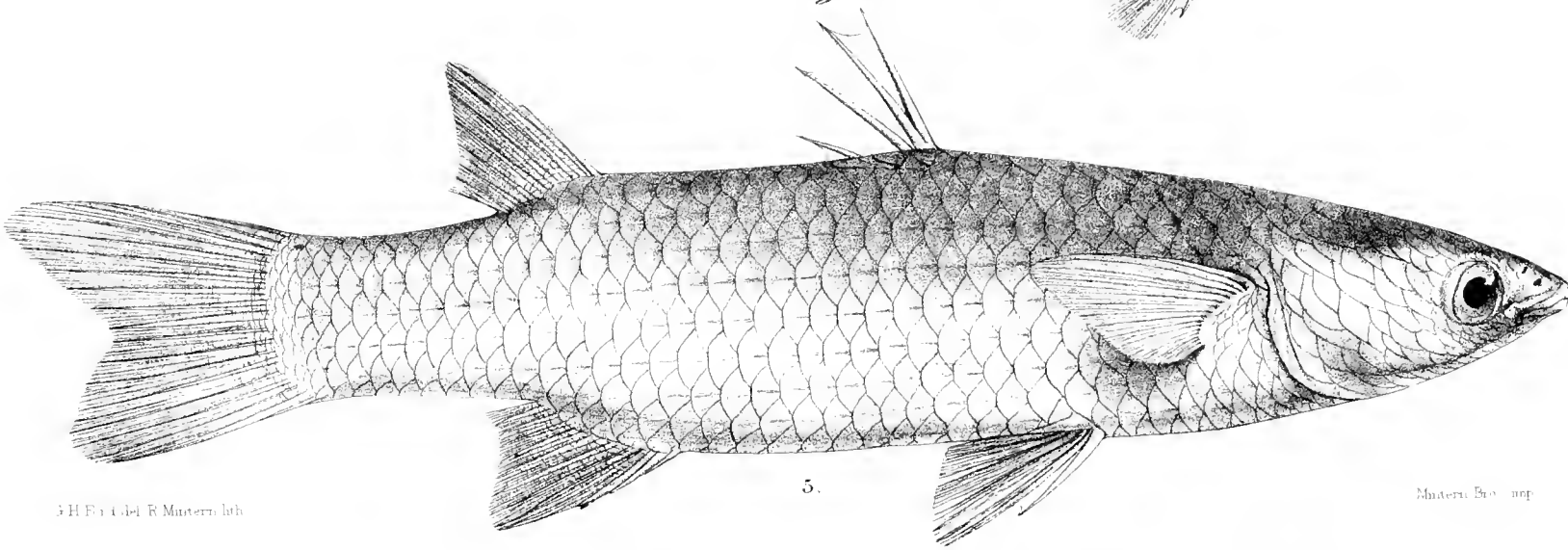
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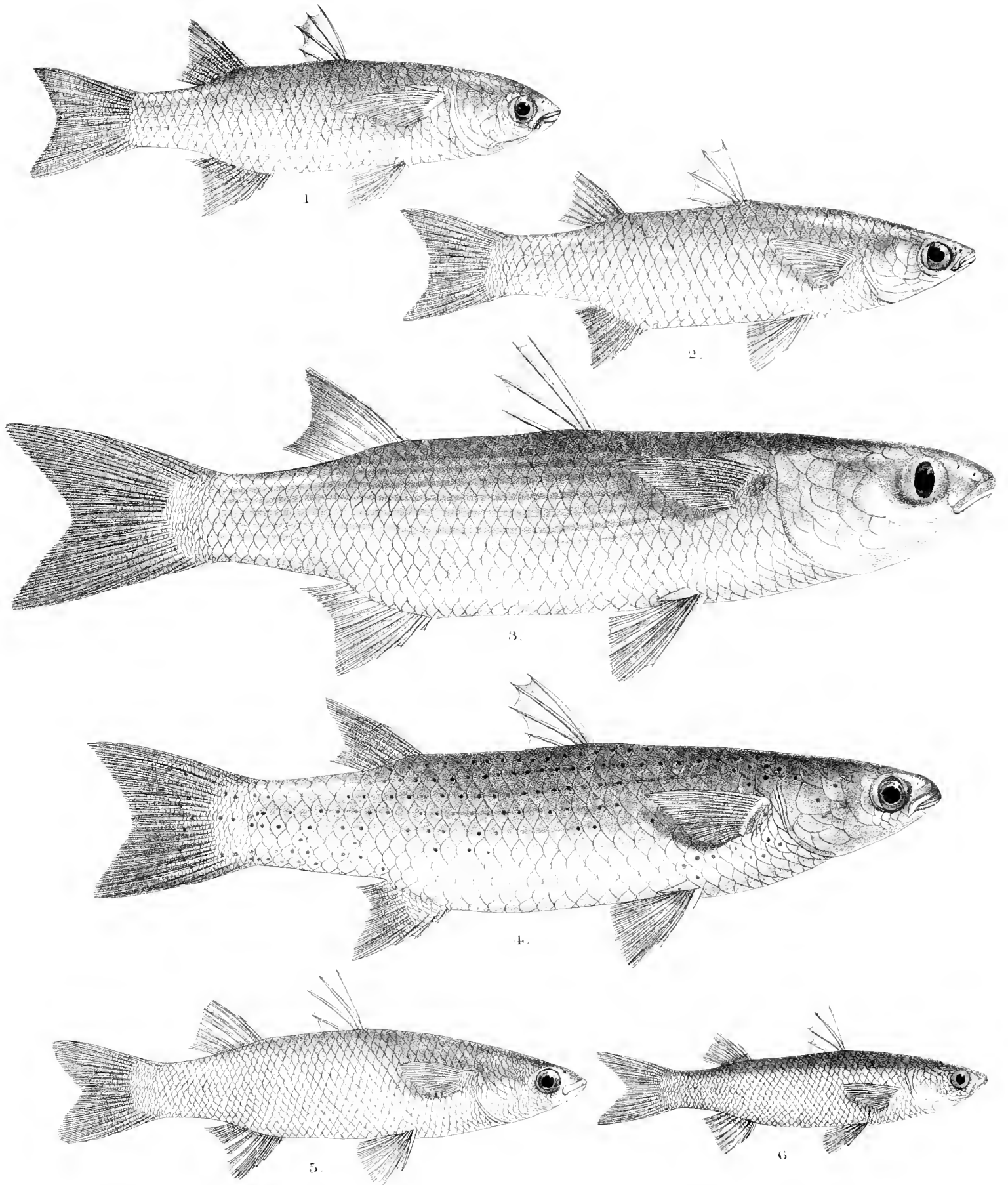
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J.H. E. & J. R. Mather lith.

Mather Bro. & Co.

1, MUGIL SPEIGLERI 2, M. CARINATUS. 3, M. CUNNESIUS 4, M. DUSSUMIERI. 5, M. BELANAK





G.H. Ford del. R. Minter lith.

March 1, 1901

1. MUGIL KELAARTII

2. M. PARSIA

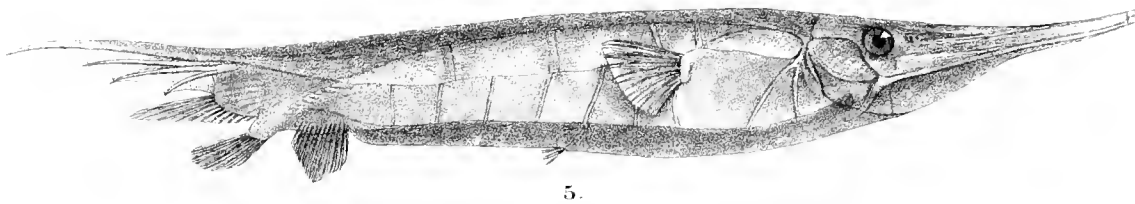
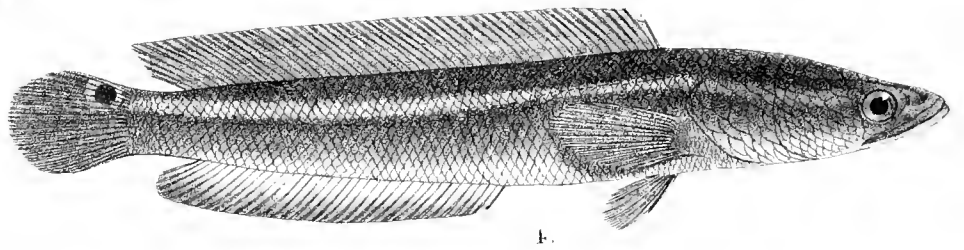
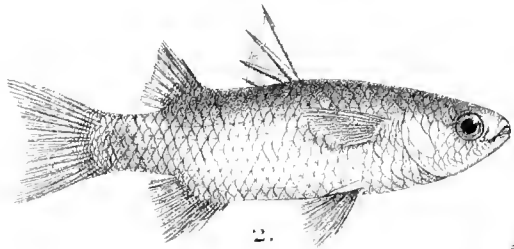
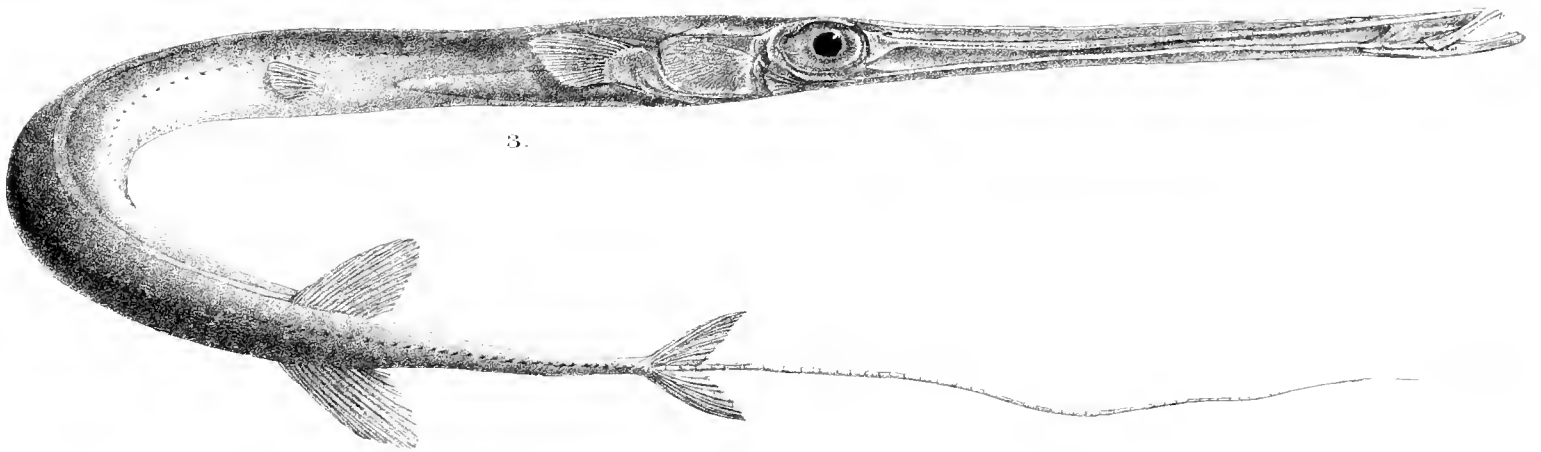
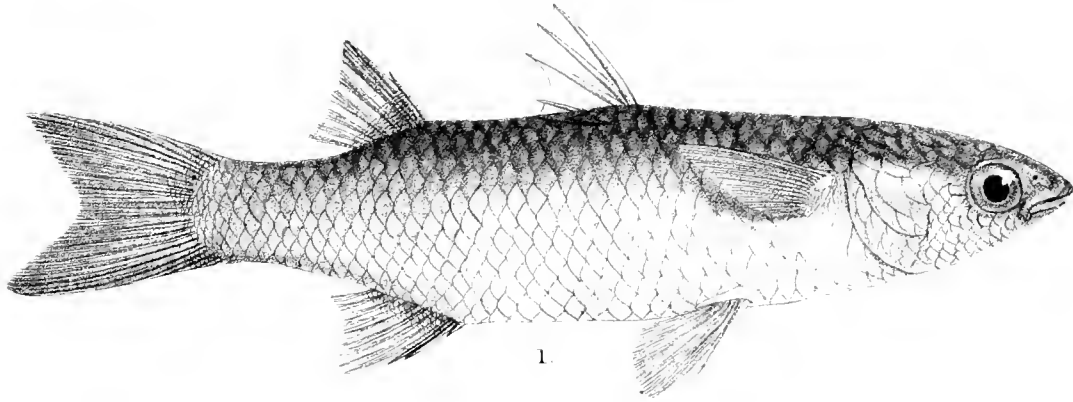
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4. M. PUCILUS

5. M. HAMILTONI

6. M. GAMBESI





1. MUGIL BORNEENSIS

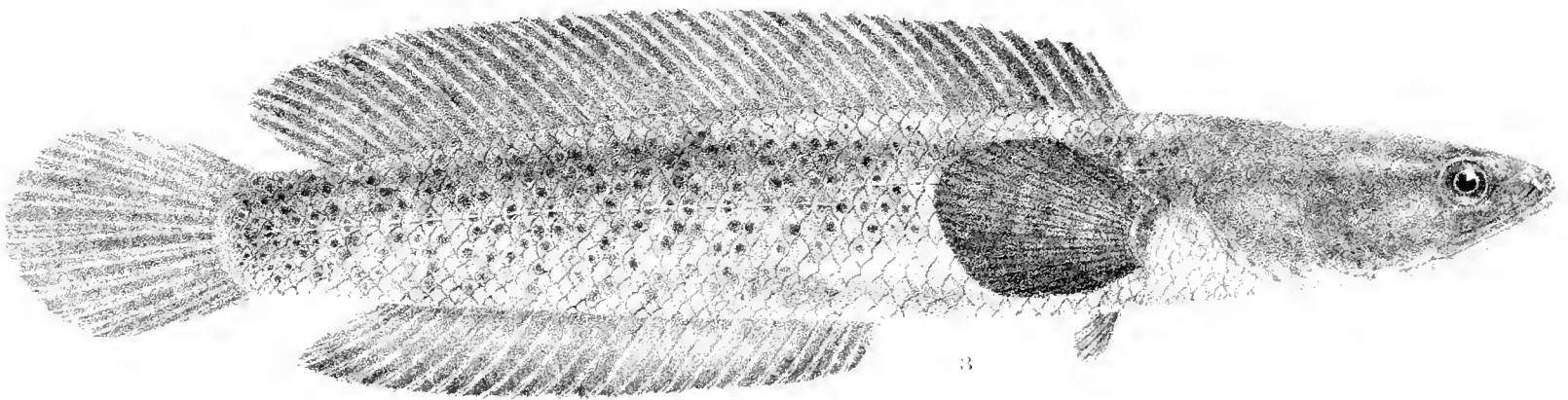
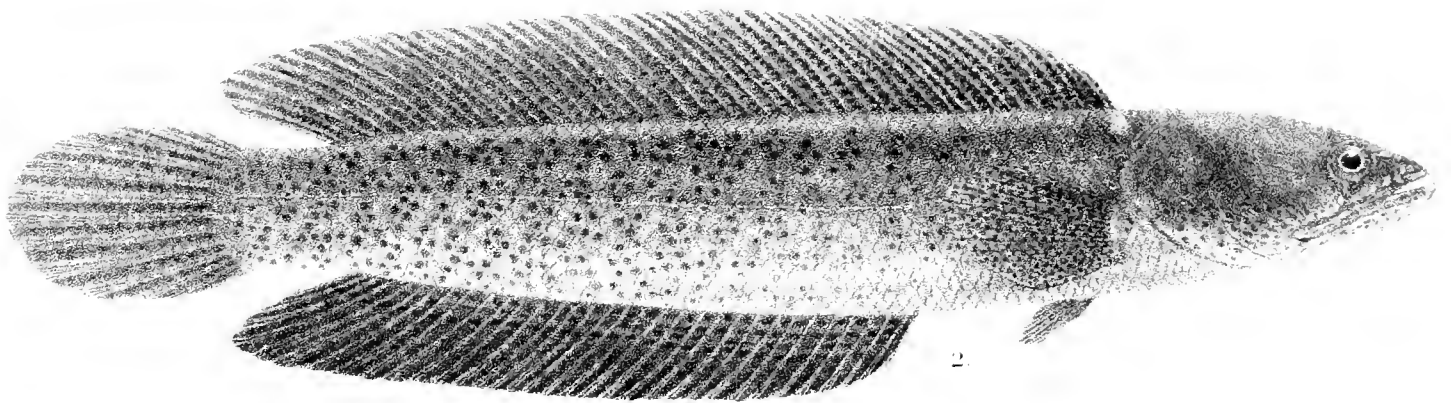
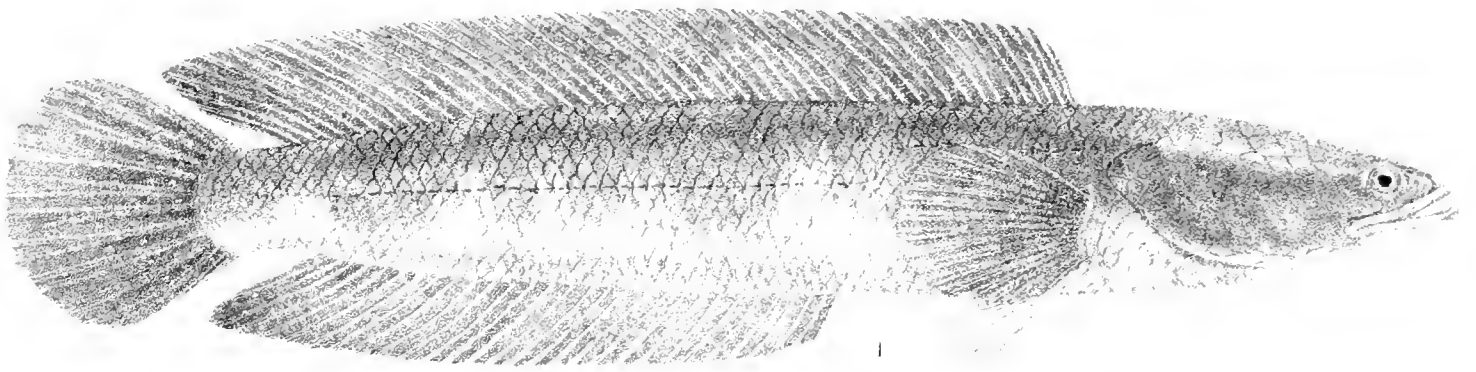
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3. FISTULARIA SERRATA  
5. AMPHISILE SCUTATA.

4. OPHIOCEPHALUS MARULIUS (YOUNG)

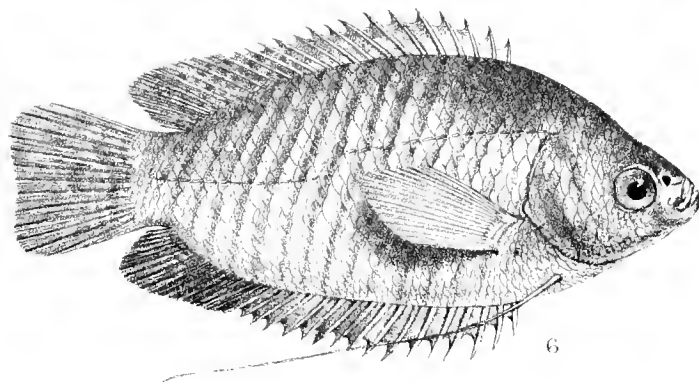
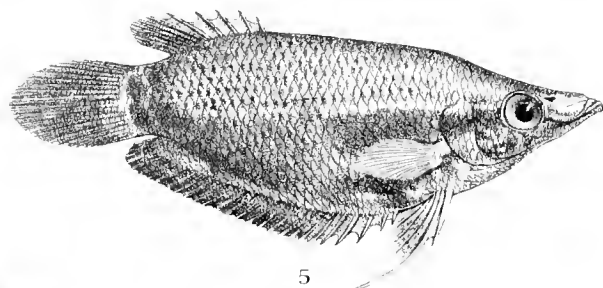
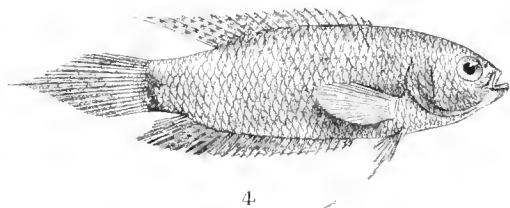
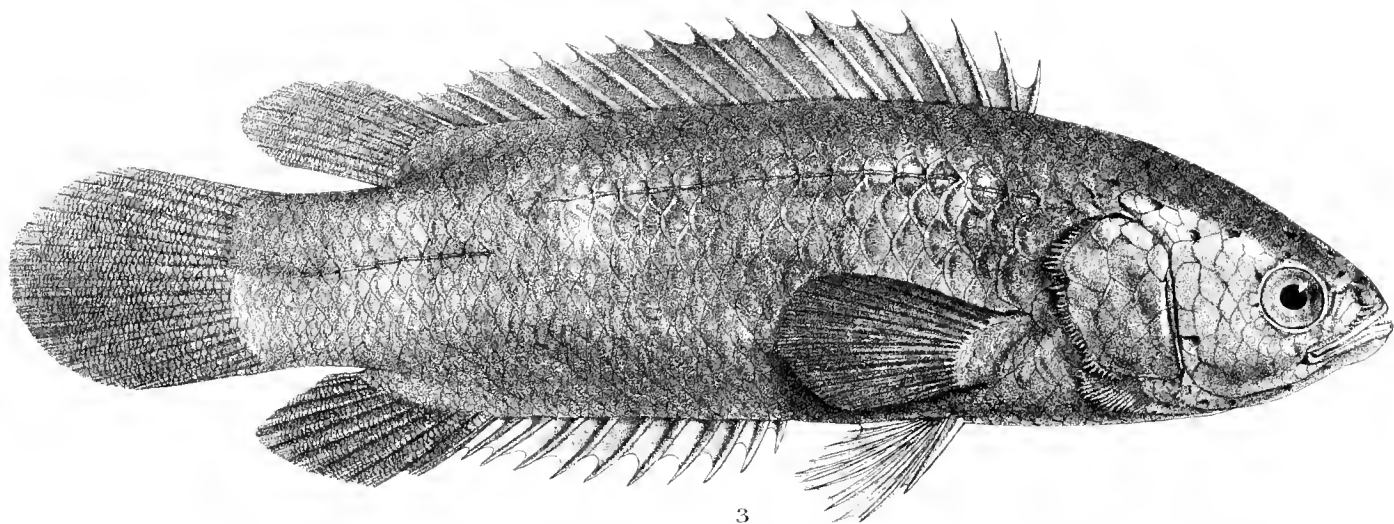
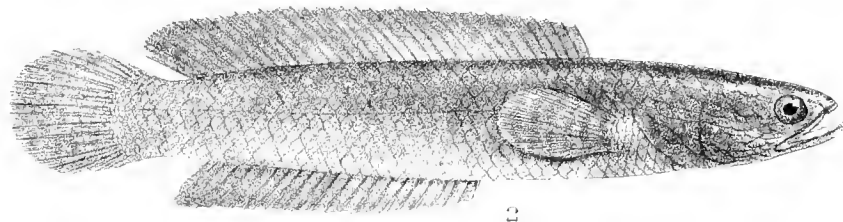
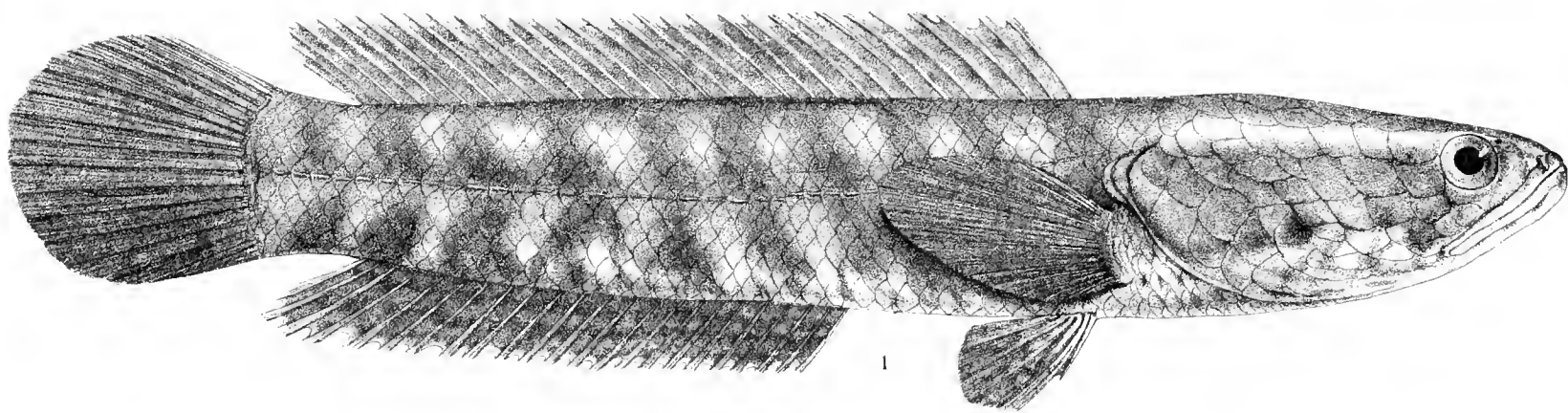






1, *OPHOCEPHALUS LEUCOPUNCTATUS* 2, *O. BARCA* 3, *O. STEWARTII* 4, *O. MICROPELTES*

17  
18



G.H. Ford del. R. Minner lith.

Printed in England

1 OPHIOCEPHALUS PUNCTATUS (VARIETY) 2, CHANNA ORIENTALIS 3 ANABAS SCANDENS  
 4 POLYACANTHUS CUPANUS 5 OPHROMENUS NOBILIS 6 TRICHOGASTER FASCIATA

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OF CALIFORNIA USA

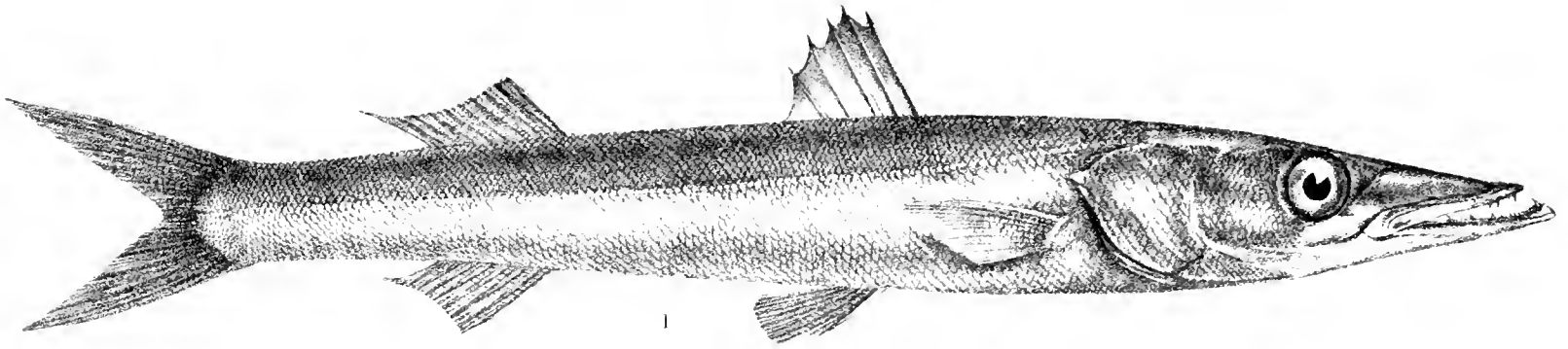




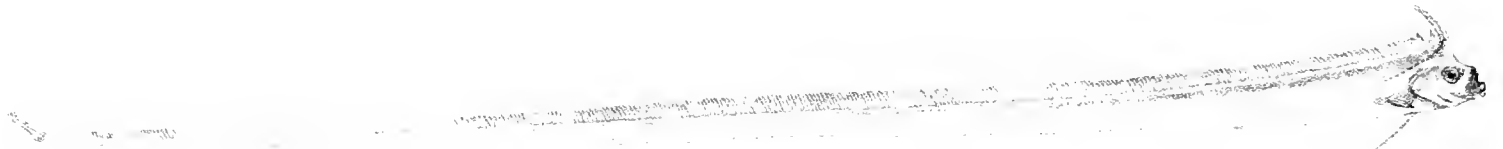




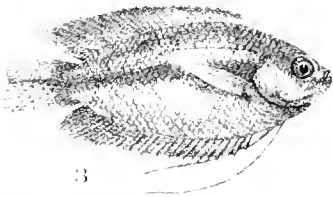




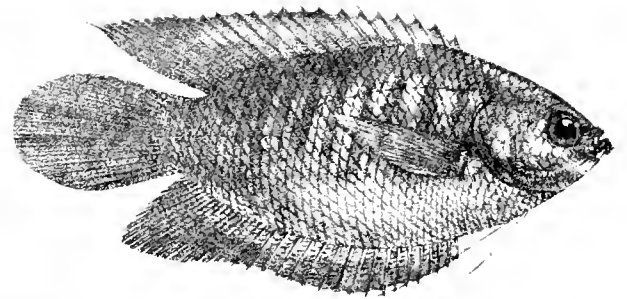
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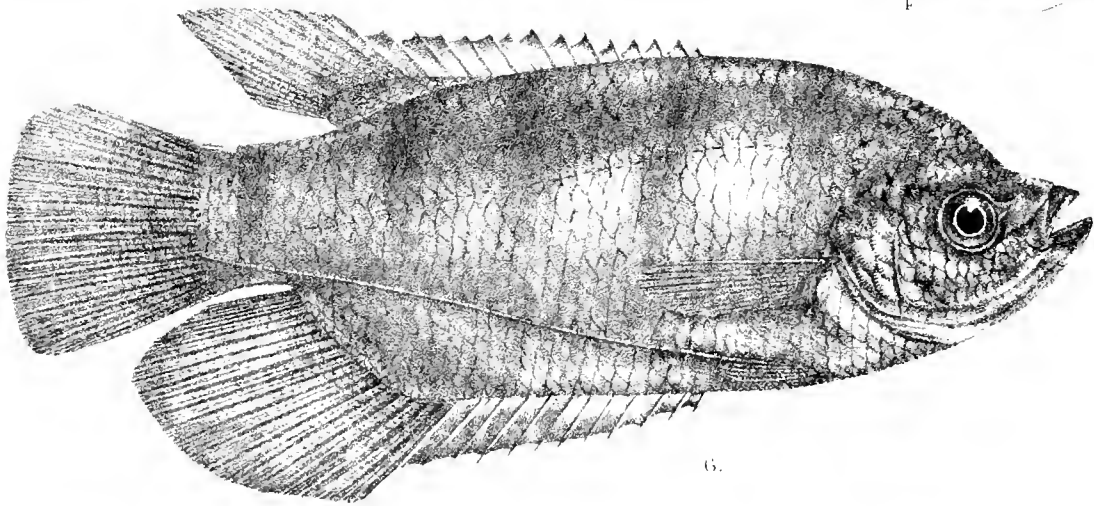
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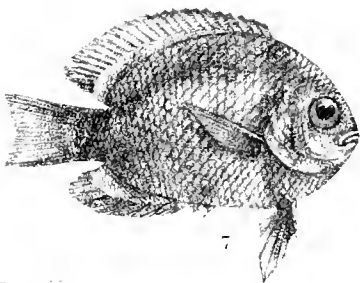
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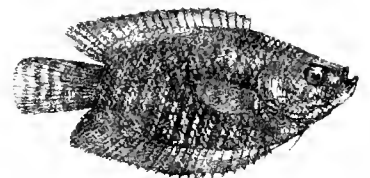
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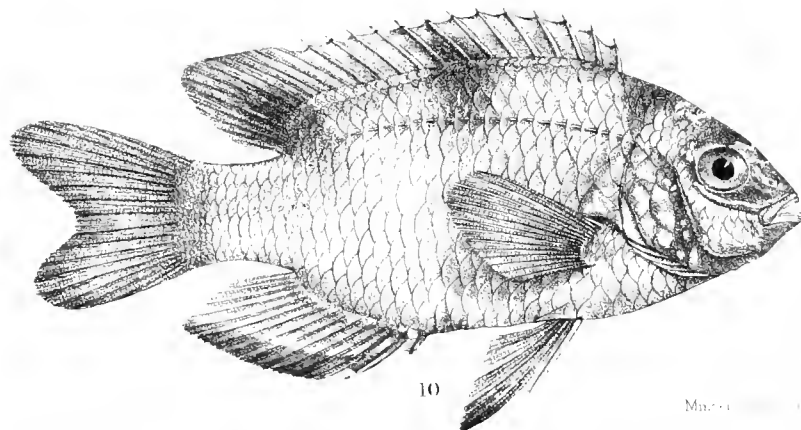
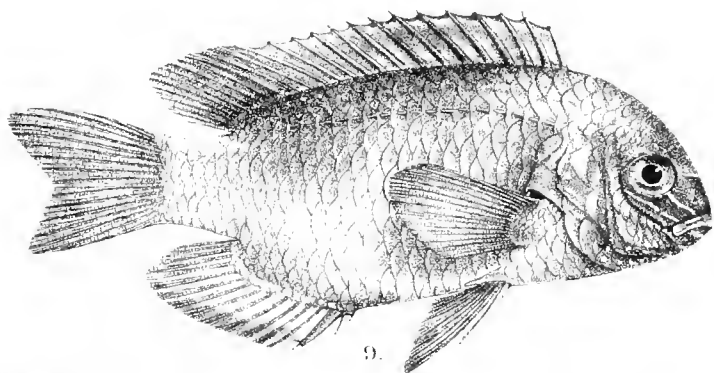
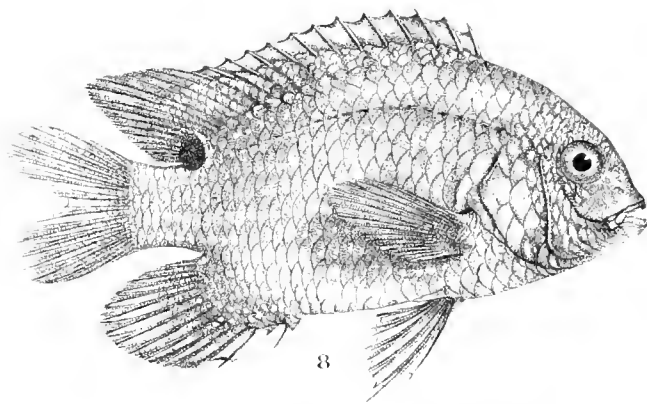
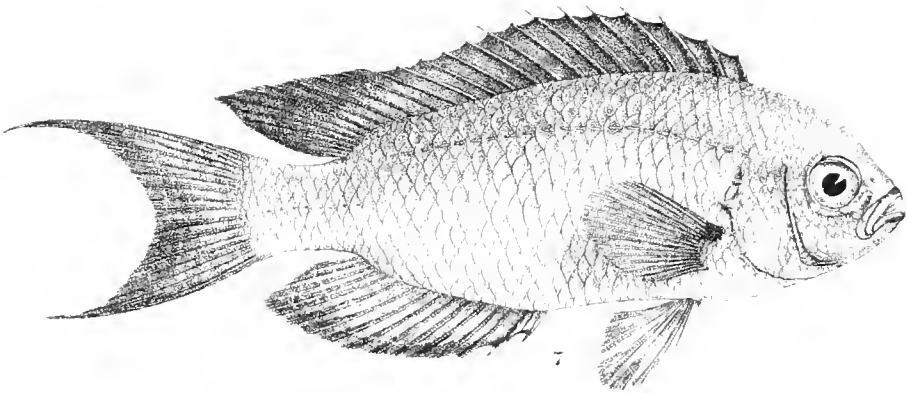
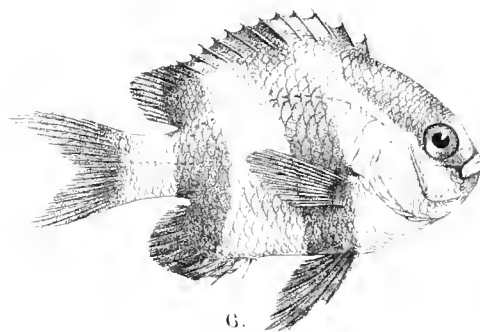
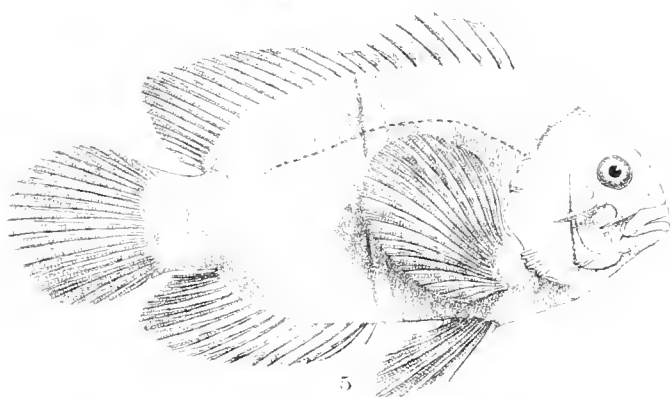
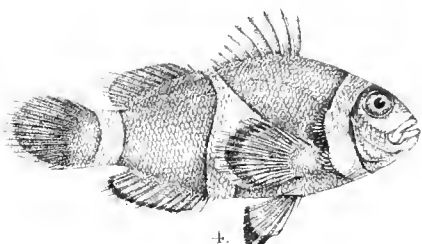
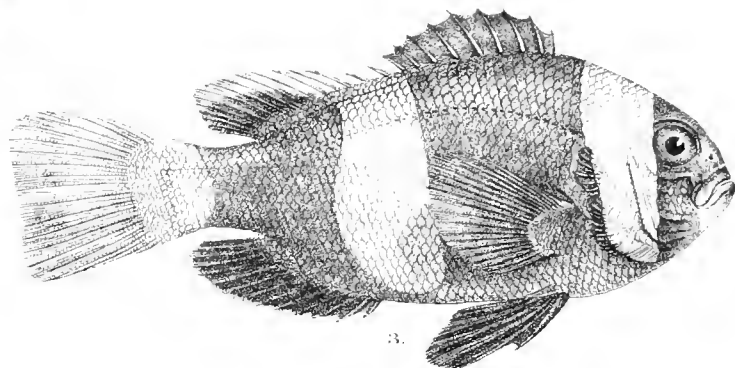
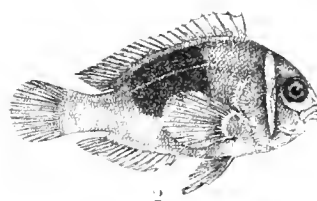
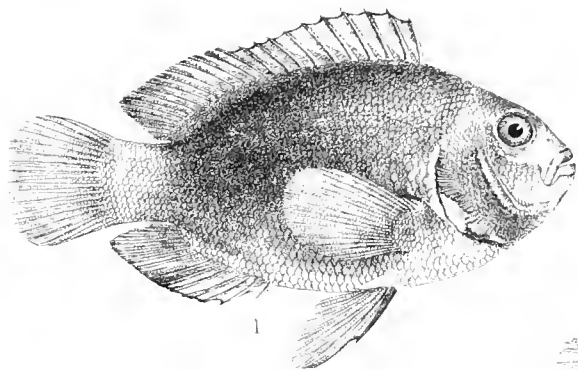
5

F. Day & S. S. S. S. S.

M. S. S.

1 SPINIFRONS ACUTIPINNIS      2 RECALCUS RUSSELLI      3 TRICHOGASTER CHUNA      4 T. LABIOSUS  
 5 T. LALUS      6 ORPHOCOMENS OLIFAX      7 TETRADRACHMUM MARGINATUM

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MICHIGAN

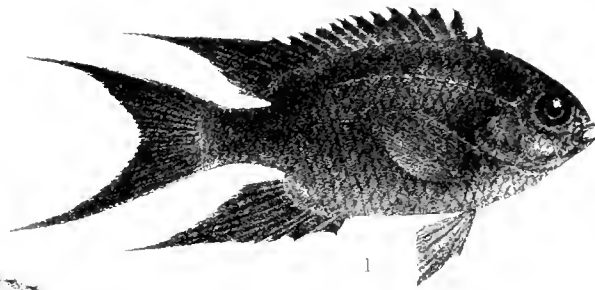


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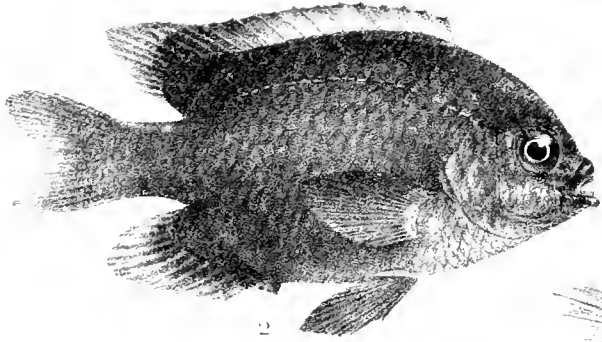
Museo

ANALYSIS OF THE M. A. PREL. A. O. + ... 1. F. M. A. P. ...  
C. T. P. A. PACHNUM ARVAUM F. M. T. N. T. A. ... F. F. O. N. T. A. P. ...  
P. A. L. B. F. A. S. C. I. A. T. U. S. ... C. T. B. R. I. A. C. T. A. T. I. E.

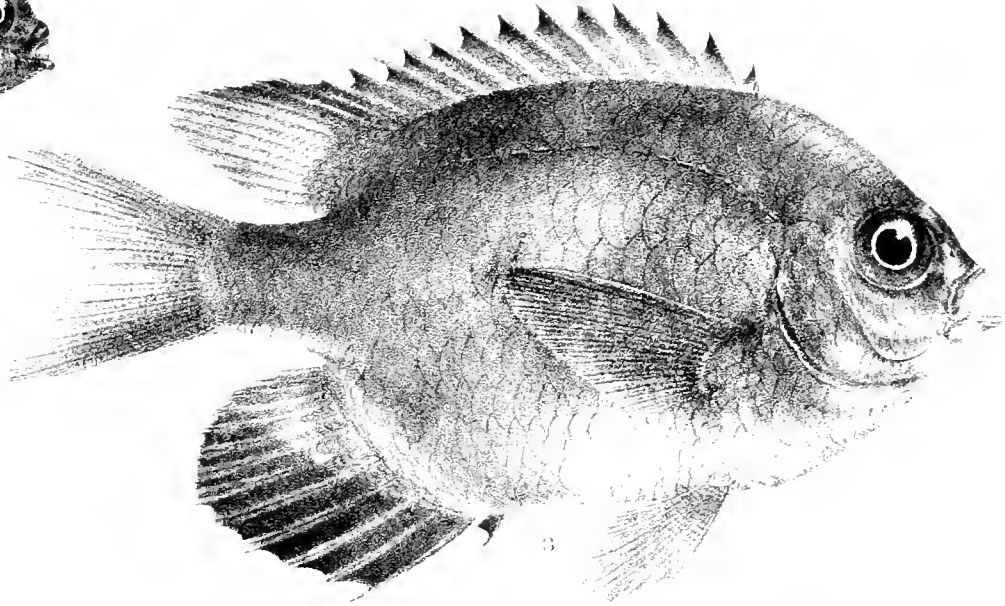




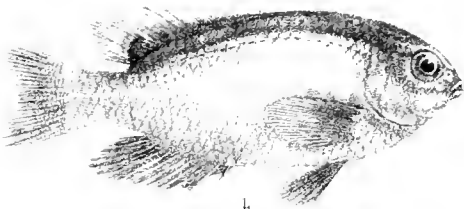
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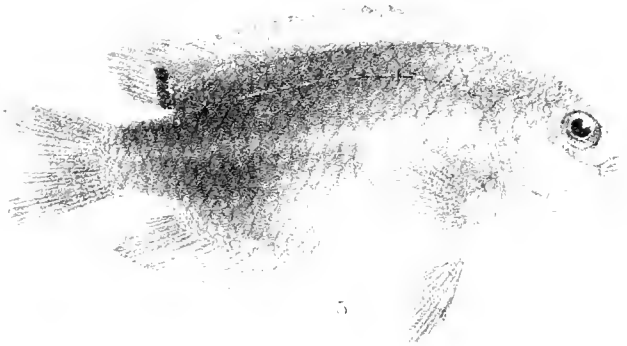
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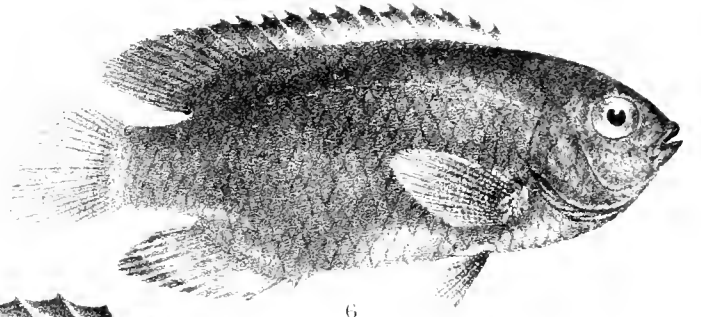
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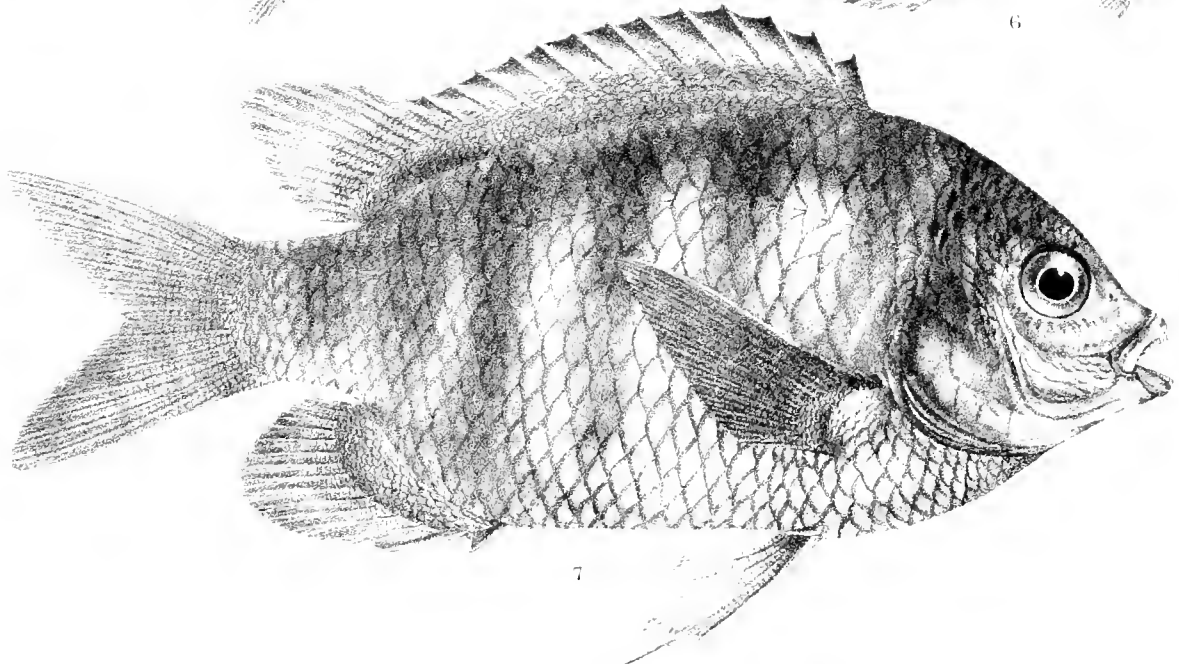
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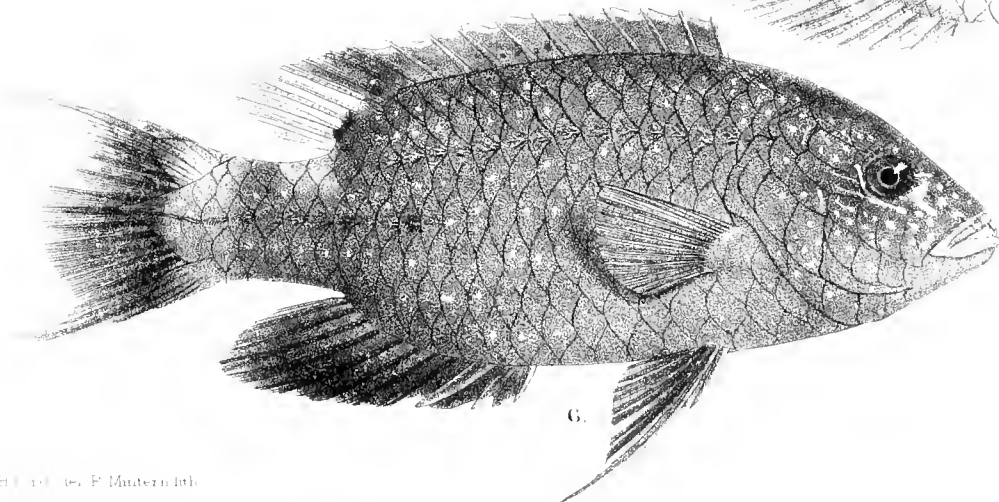
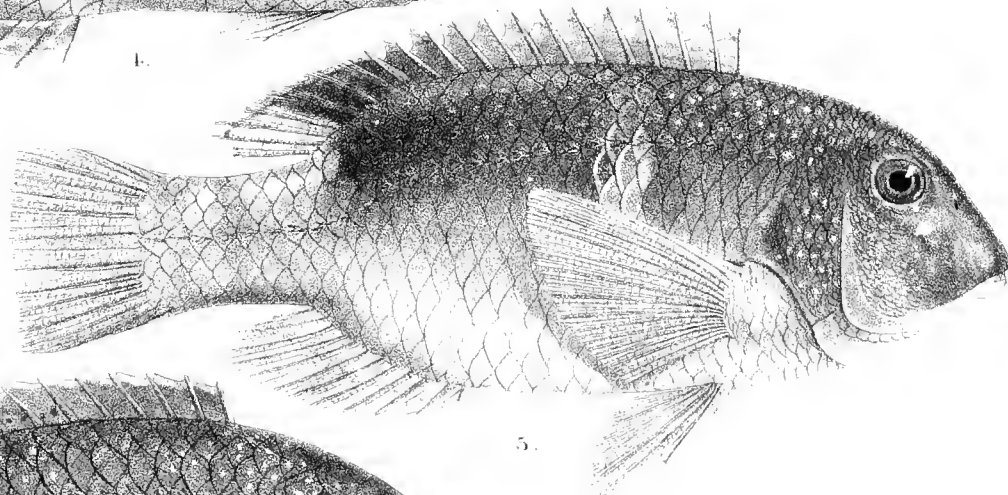
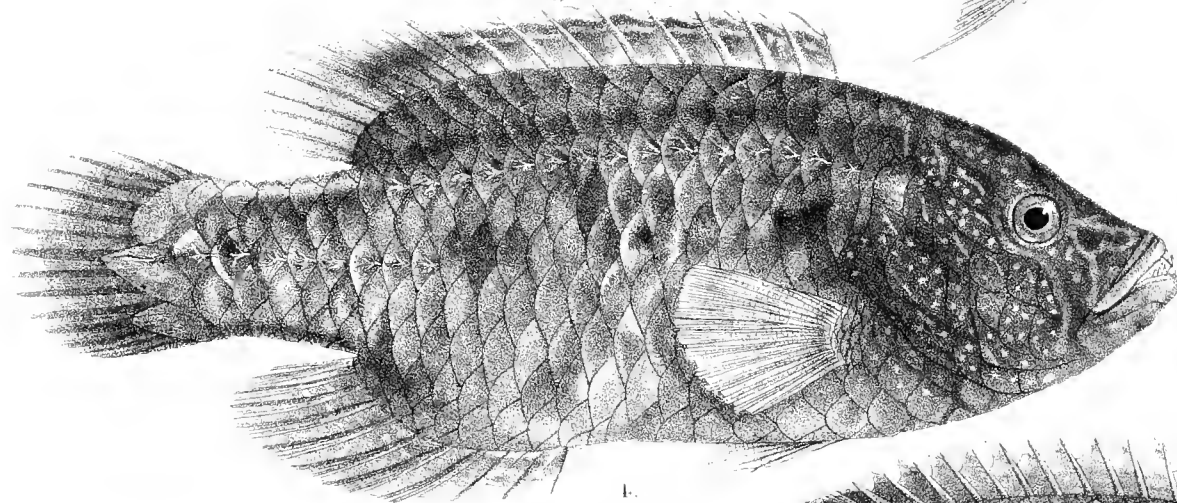
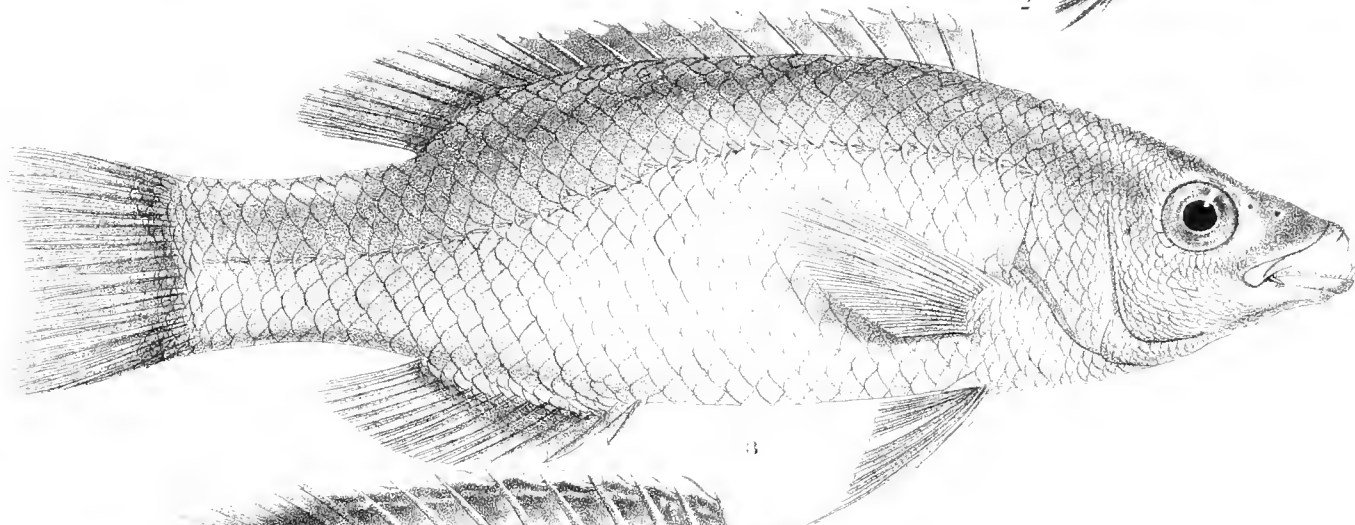
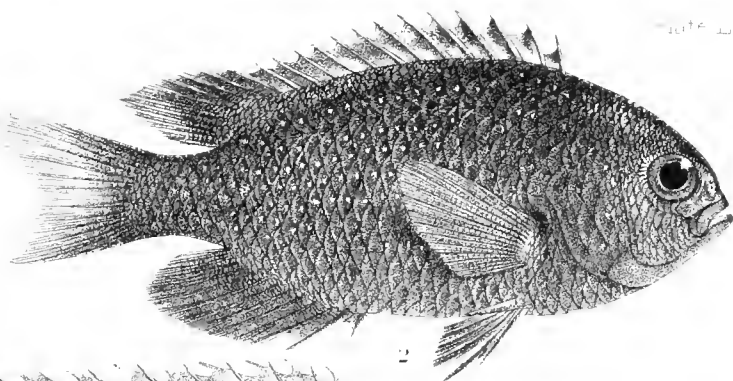
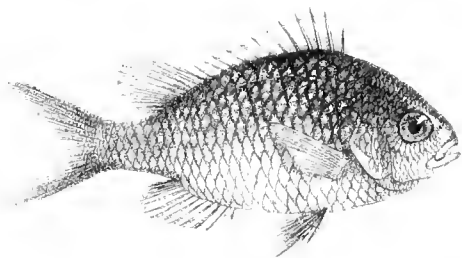
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7

1. <i>PLATYPODUS</i>	2. <i>PLATYPODUS</i>	3. <i>PLATYPODUS</i>	4. <i>PLATYPODUS</i>	5. <i>PLATYPODUS</i>	6. <i>PLATYPODUS</i>	7. <i>PLATYPODUS</i>
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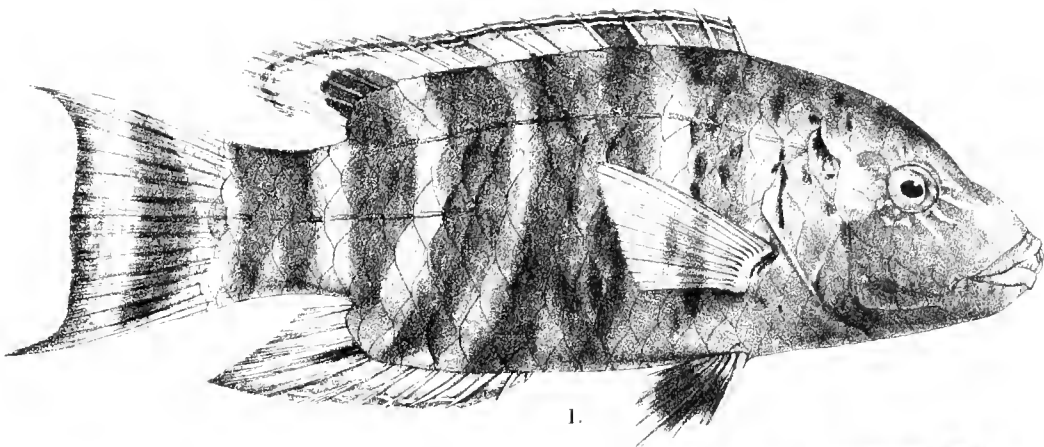
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4. CHEILINUS TRILOBATUS 5. CHAEROPS ANCHORAGO 6. CHEILINUS CHLORURUS



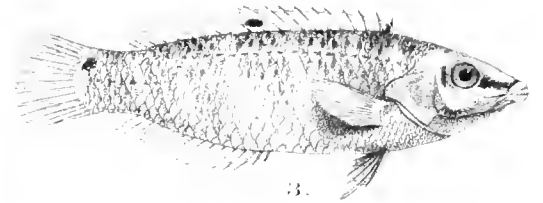




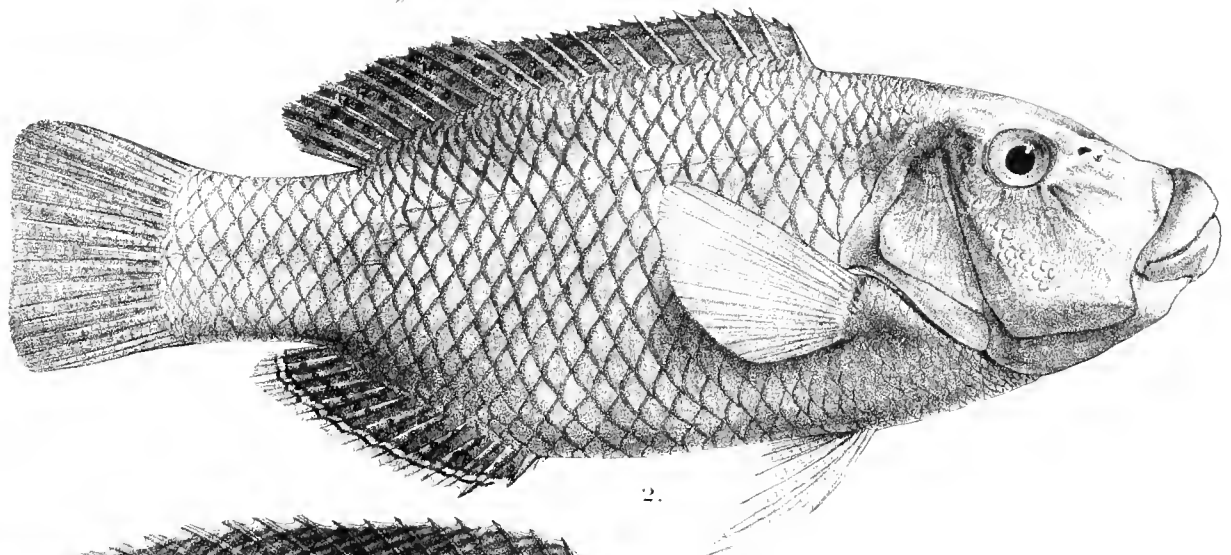




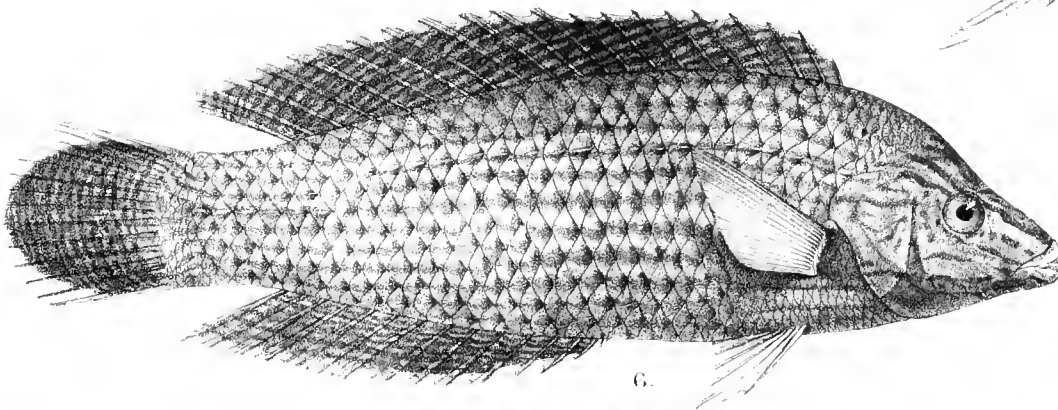
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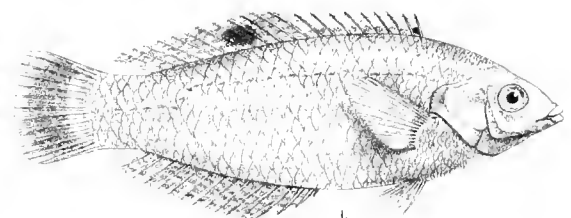
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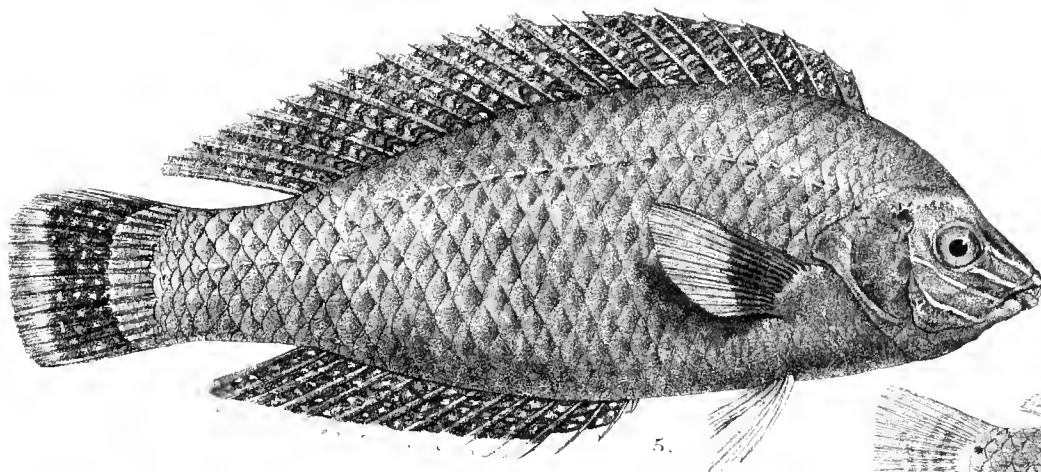
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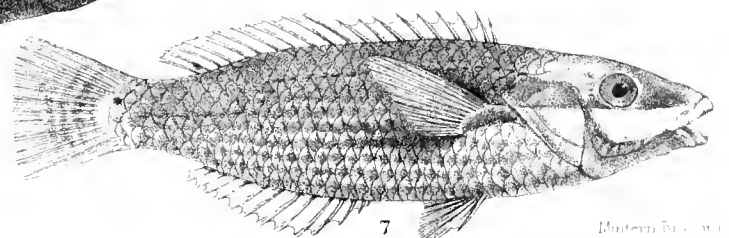
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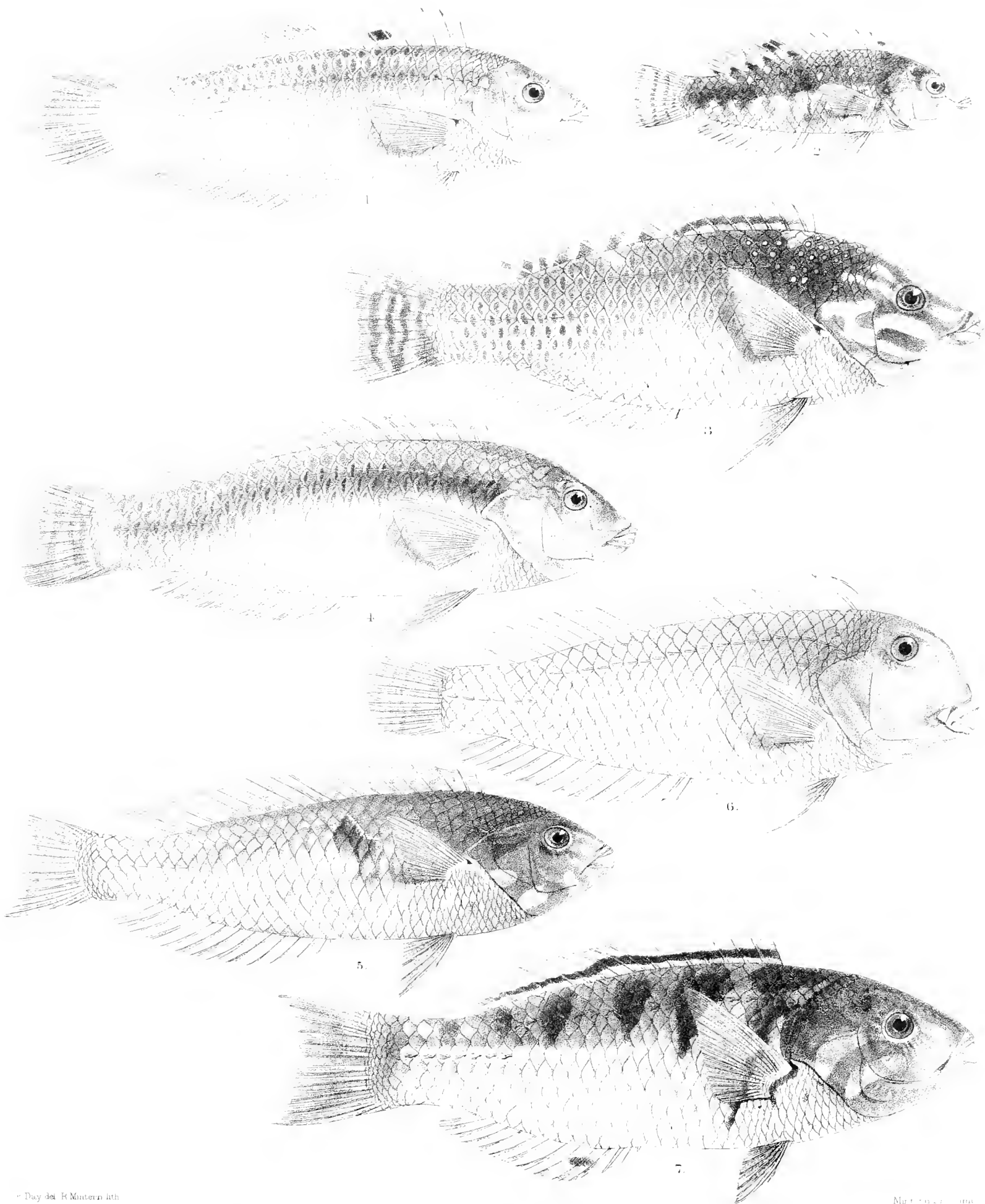
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7.

1, CHEILIPUS FASCIATUS 2, HEMIGYMNUS MELAPTERUS 3, PLATYGLOSSUS LEPARENSIS 4, P. NOTOPSIS  
 5, P. MARGINATUS 6, P. MARGINATUS (VARIETY) 7, STETHOJULIS STRIGIVENTER





© Day del. R. Minton lith.

Mus. Civ. Genova

1 PLATYGLISSUS DUSSUMIERI    2. P. NEBULOSUS    3. P. HORTOLANUS    4. P. SCAPULARIS  
 5. P. BIMACULATUS    6. NOVAETIA RUFA    7. JULIS DORSALIS



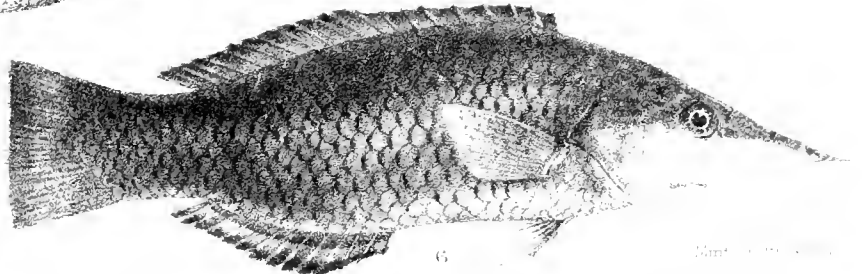
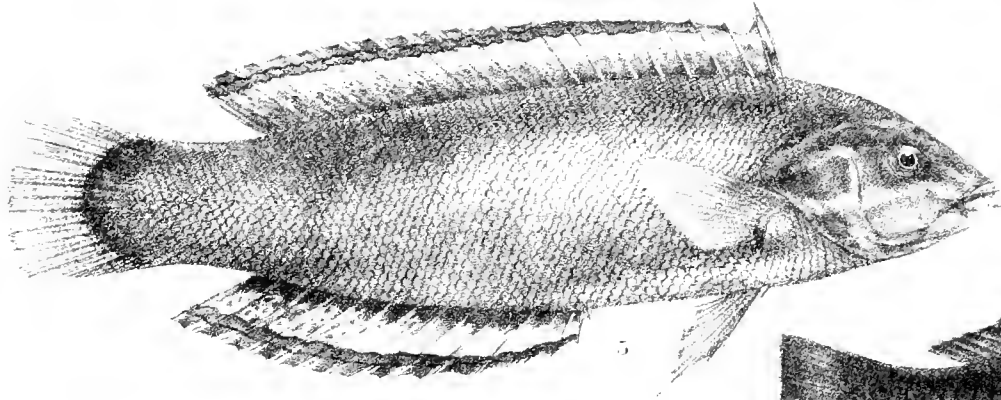
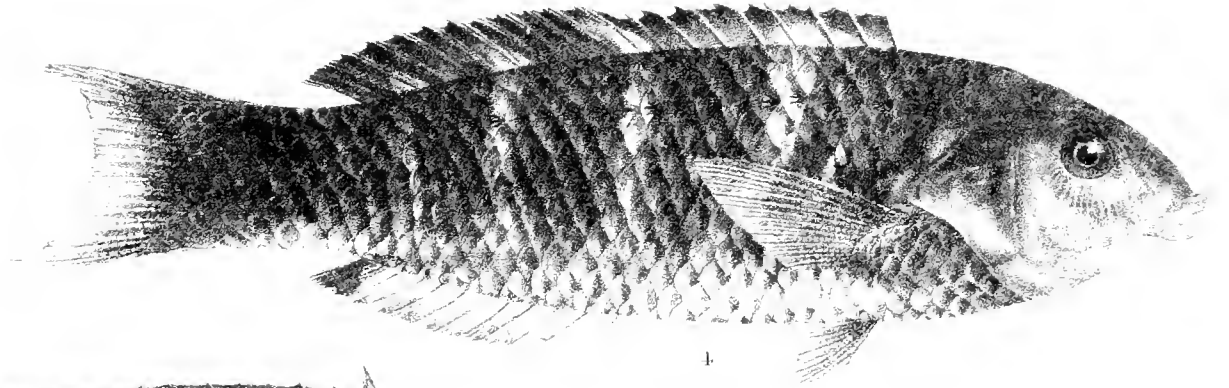
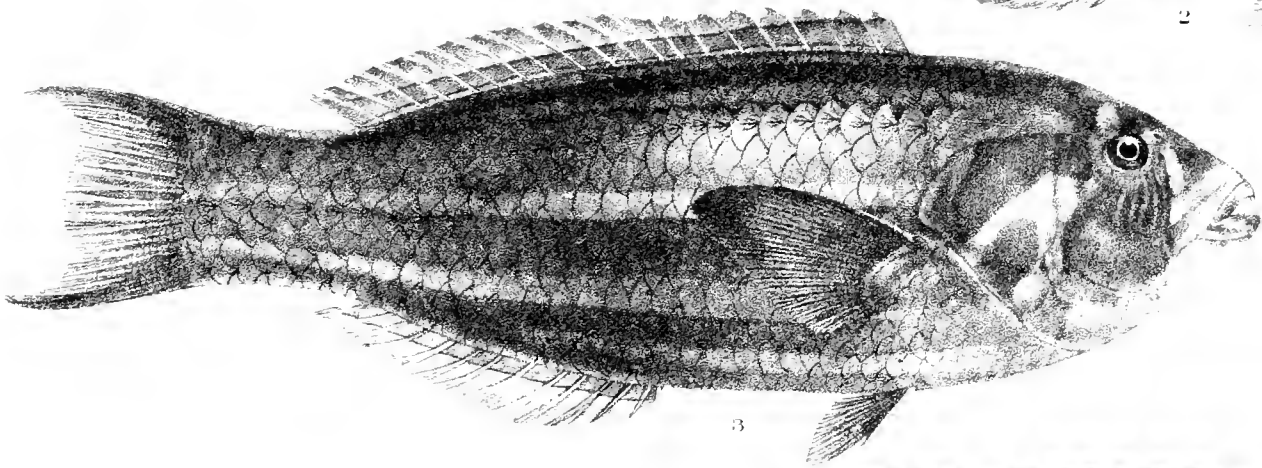
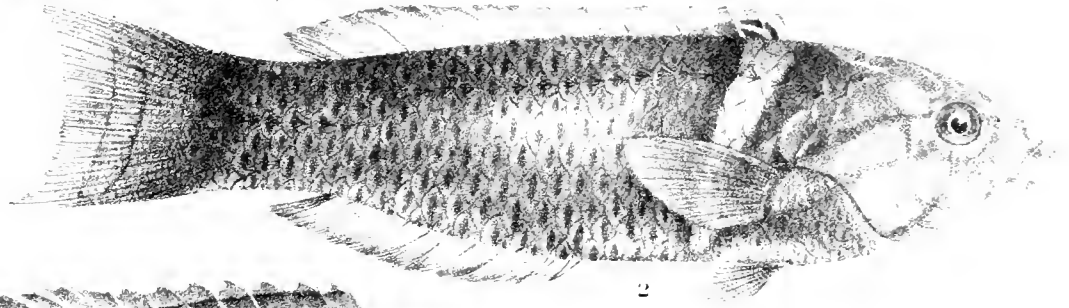
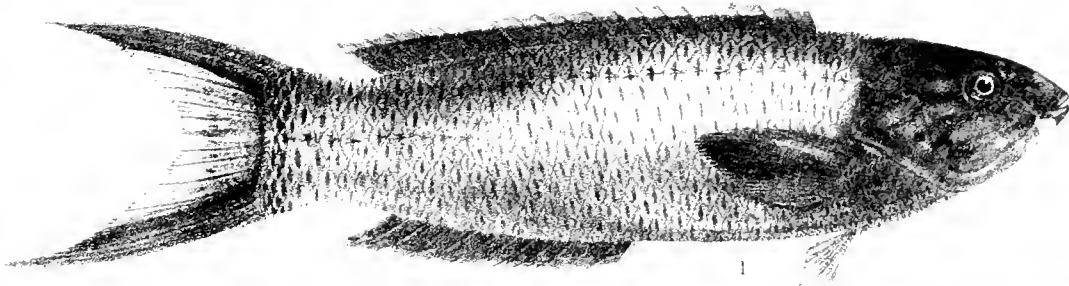
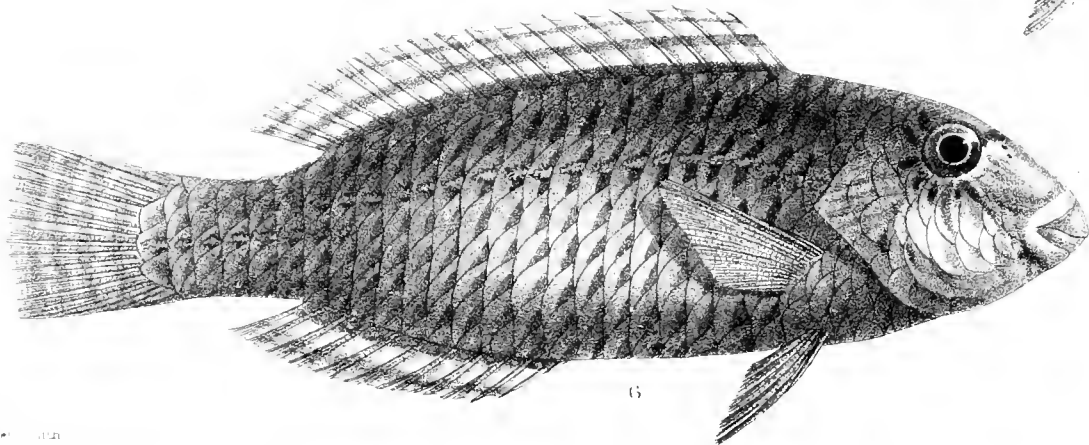
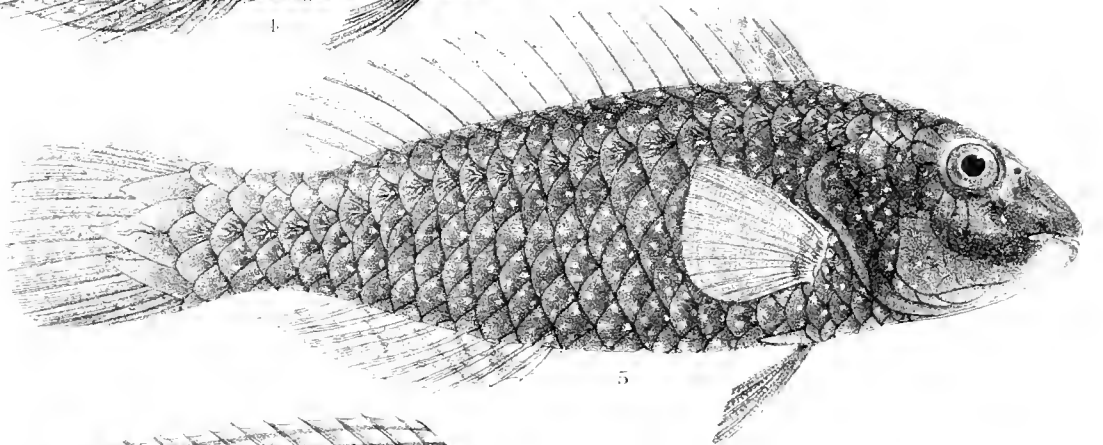
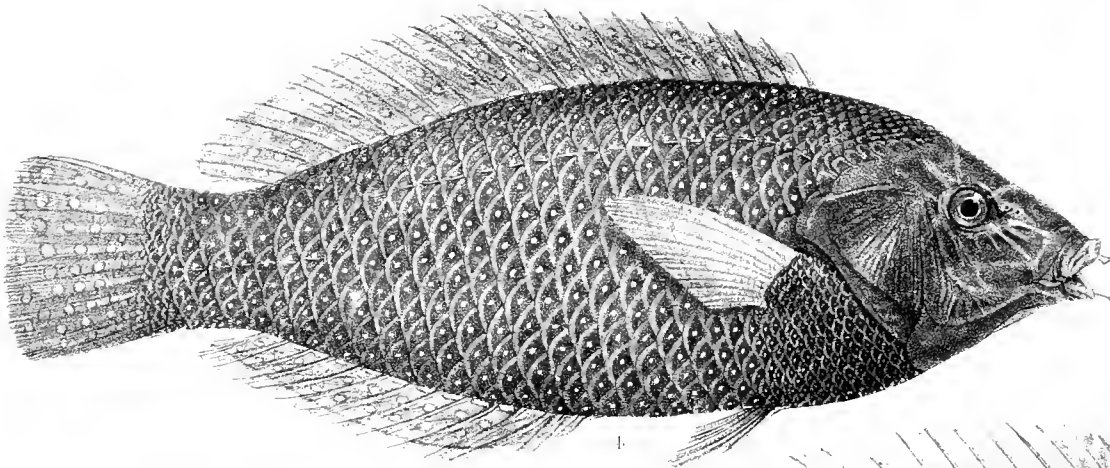
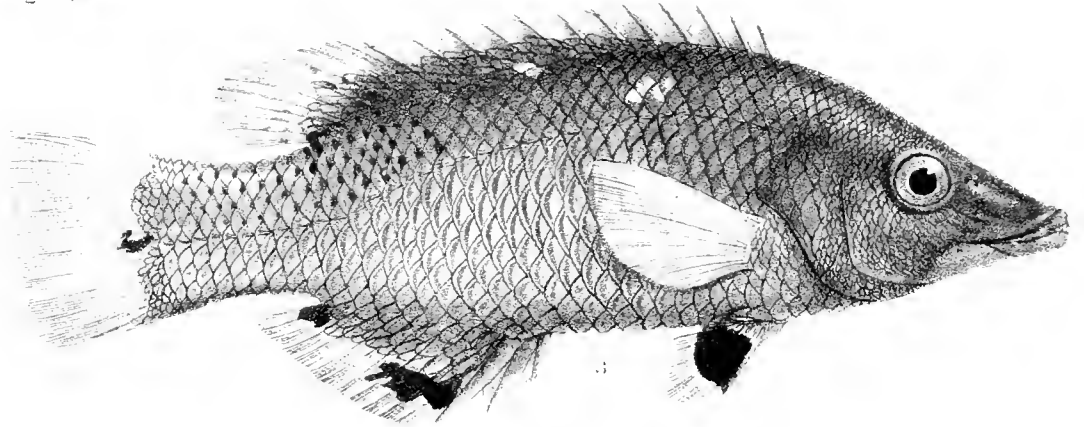
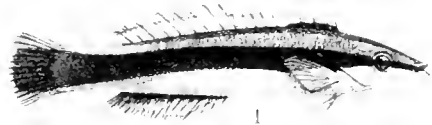
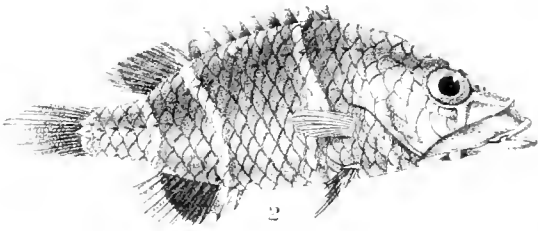


FIG. 1. *Paralichthys oblongus* (Forsk.) (Laysan Parrotfish). FIG. 2. *Paralichthys oblongus* (Forsk.) (Laysan Parrotfish). FIG. 3. *Paralichthys oblongus* (Forsk.) (Laysan Parrotfish). FIG. 4. *Paralichthys oblongus* (Forsk.) (Laysan Parrotfish). FIG. 5. *Paralichthys oblongus* (Forsk.) (Laysan Parrotfish). FIG. 6. *Paralichthys oblongus* (Forsk.) (Laysan Parrotfish).



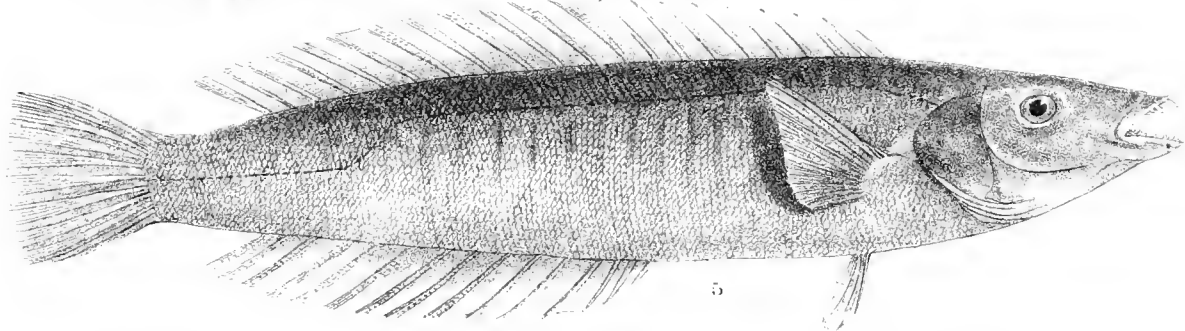
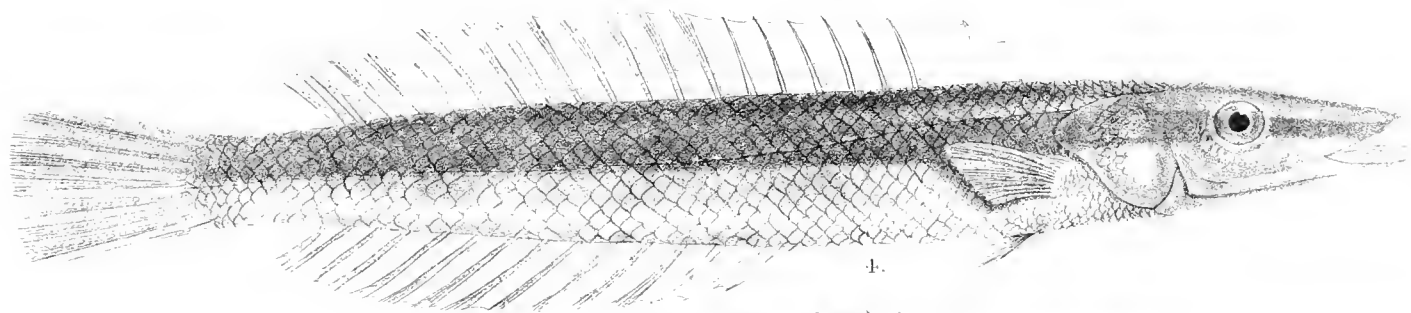
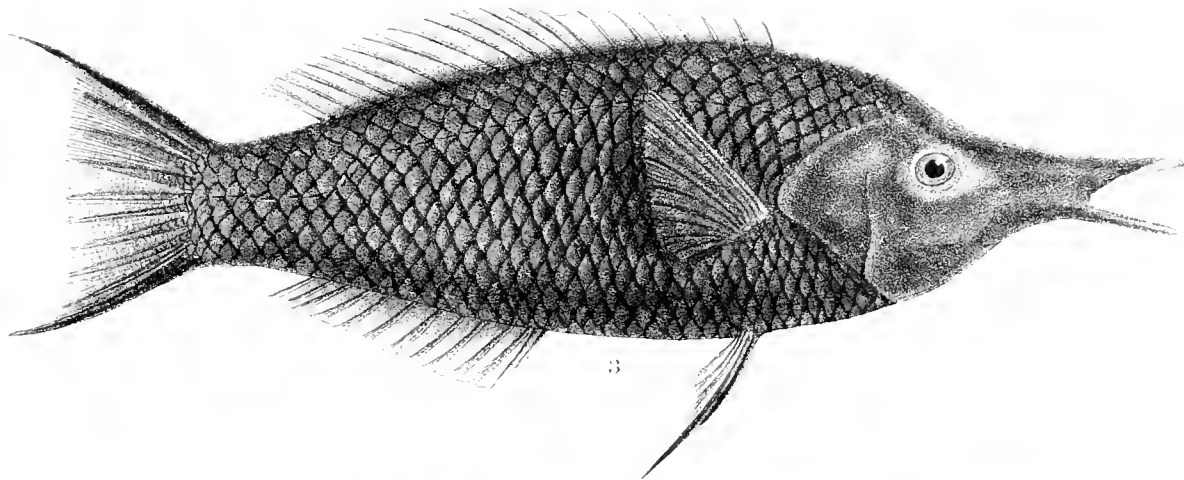
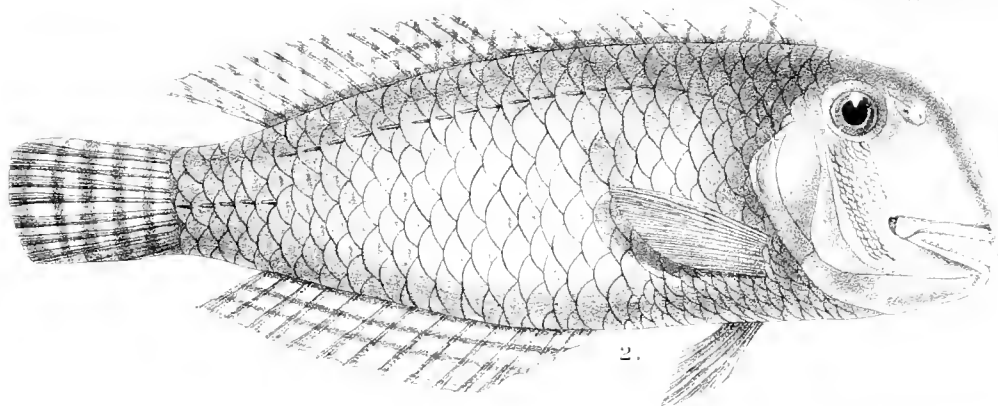
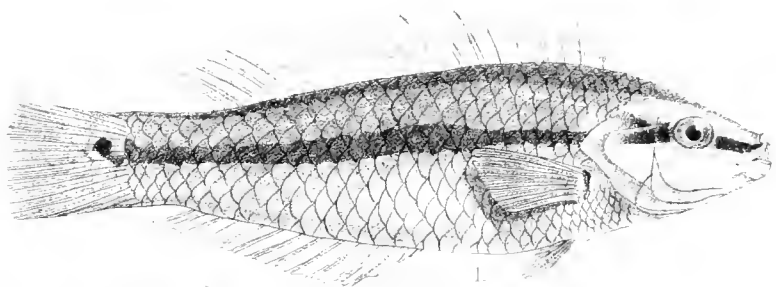




F.M. et de la

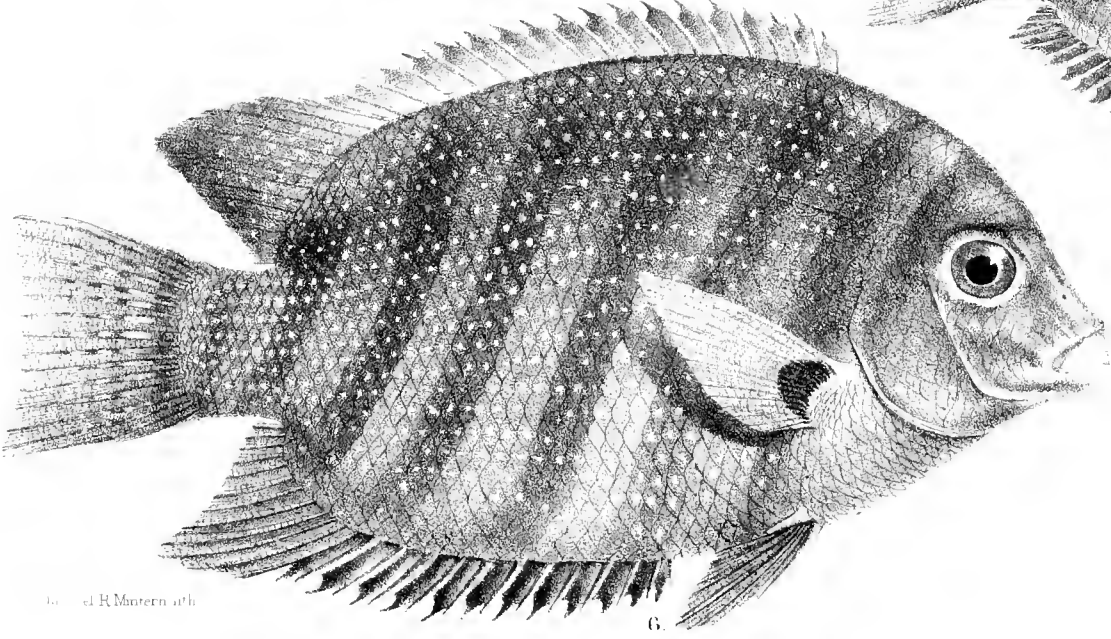
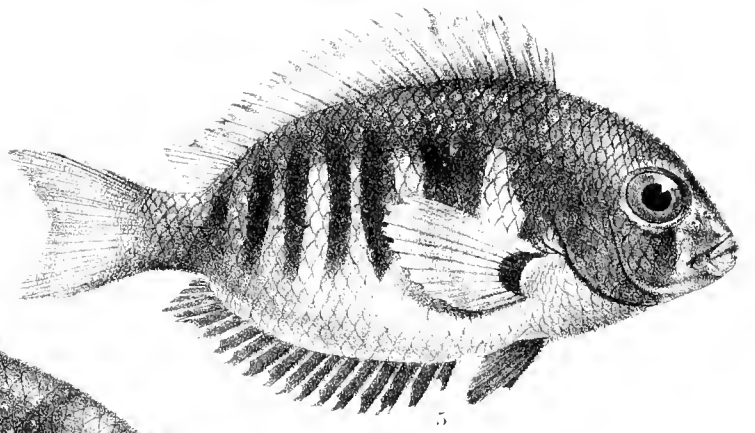
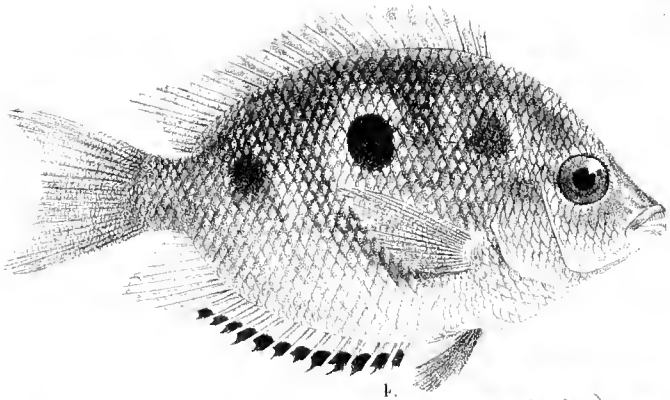
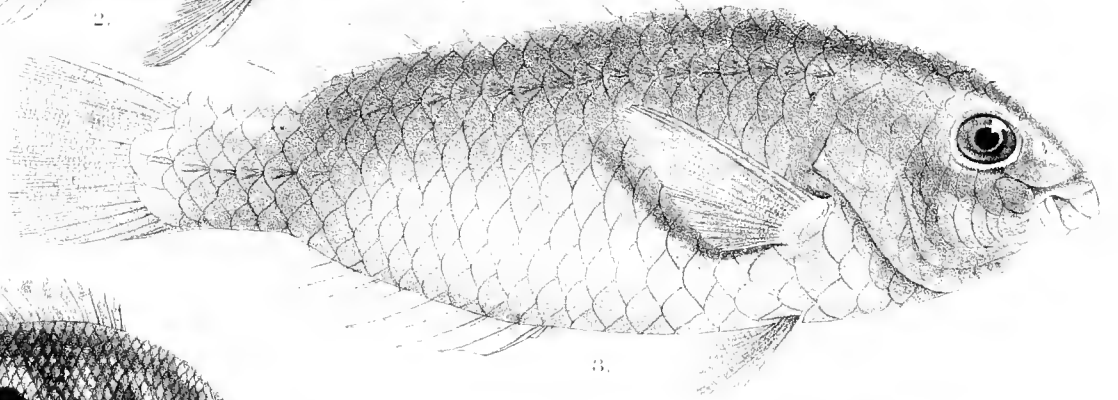
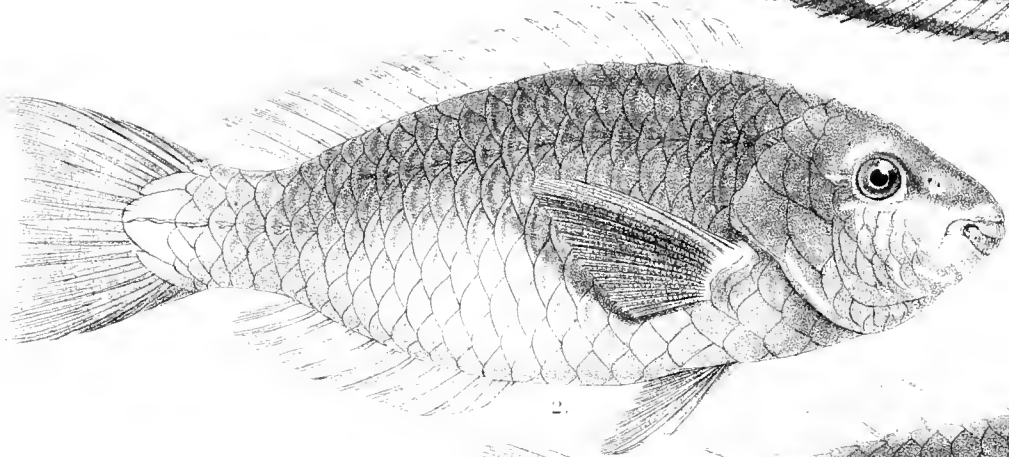
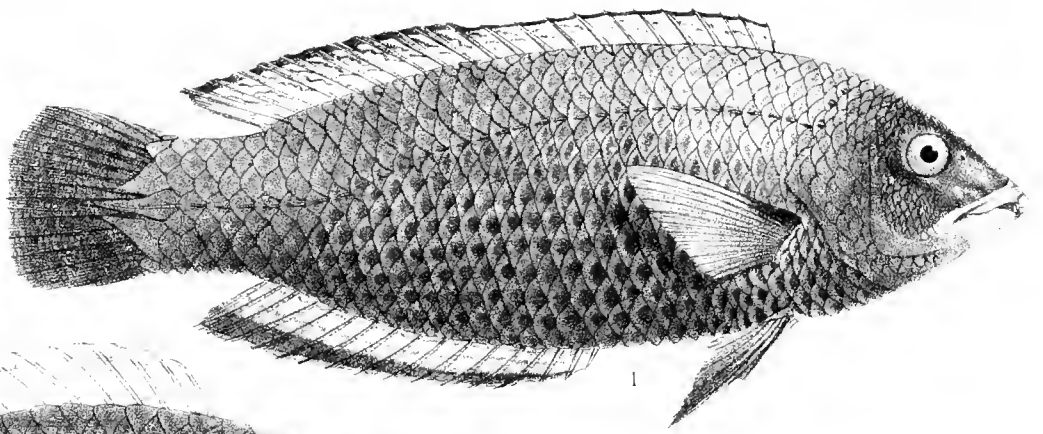
LABROIDES DIMIDIATUS, EPHELIUS - ATIS, PSEUDOPOMPHYLUS DE... ANAND...  
S. B. ARONTHYS... PUN... PSEUDOPOMPHYLUS... LIC... LA...





1. LUTIGERUS ... 2. ... 3. GOMPHOSUS ... 4. ... 5. ...



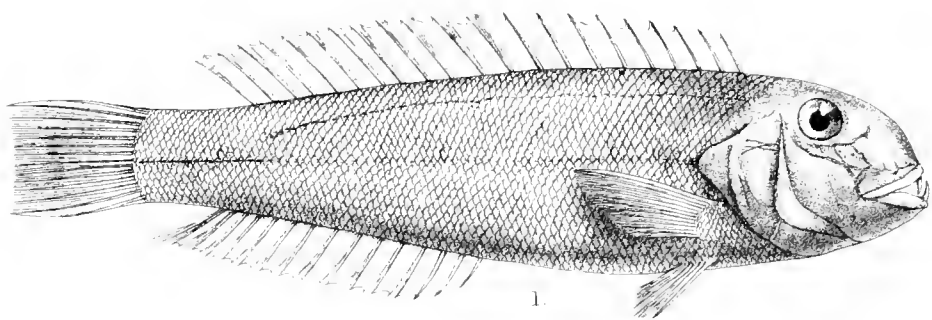


Illustrated by R. M. Turner

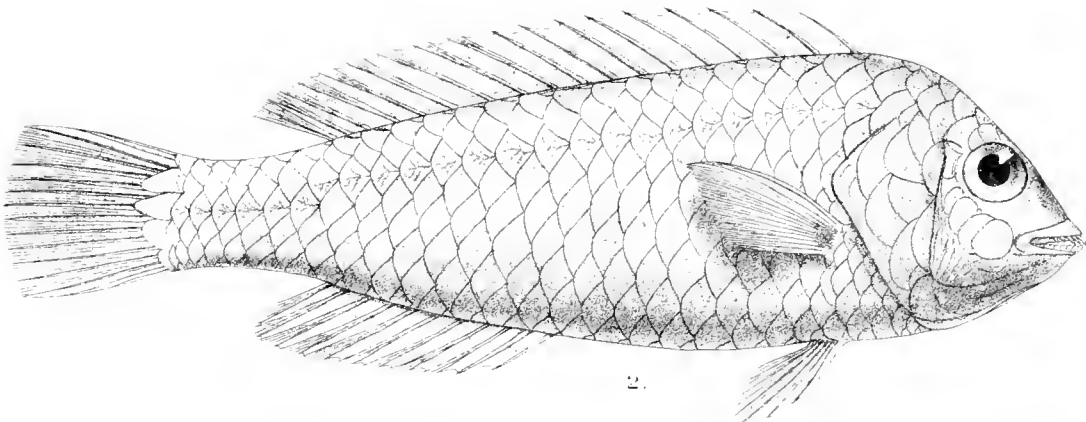
Plates in 1900

1. PSEUDODAX MOLUCCANUS      2. PSEUDOSCARUS CHRYSOPOMA      3. P. AERUGINOSUS  
4. ETRÓPLUS MACULATUS      5. E. CANARENSIS      6. E. SURATENSIS

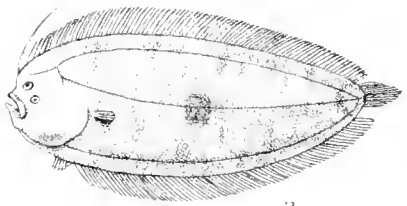
© 2011  
MIT LIBRARY  
77 MASSACHUSETTS AVENUE  
CAMBRIDGE, MA USA



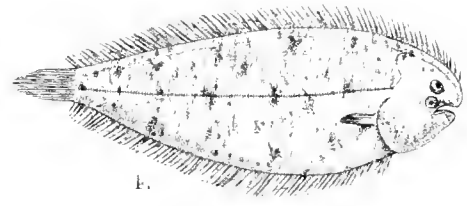
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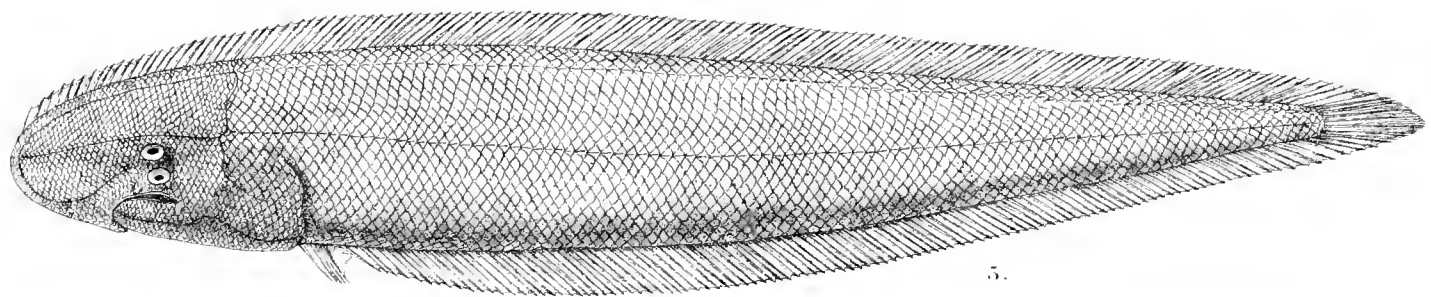
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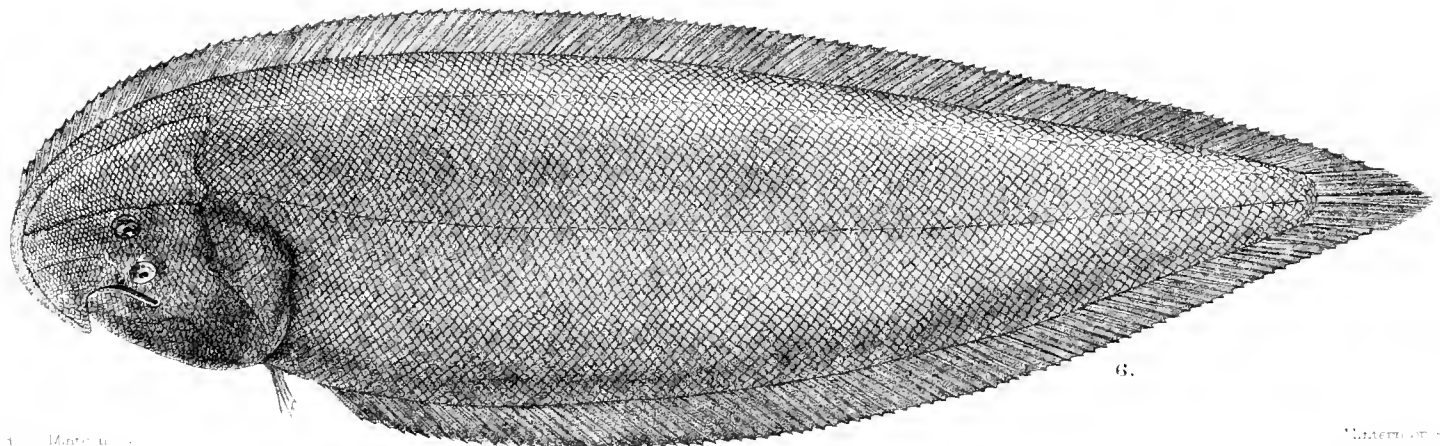
3.



4.



5.



6.

1. *CHROMIS*

2. *CHROMIS*

3. *PLATYPTERUS*

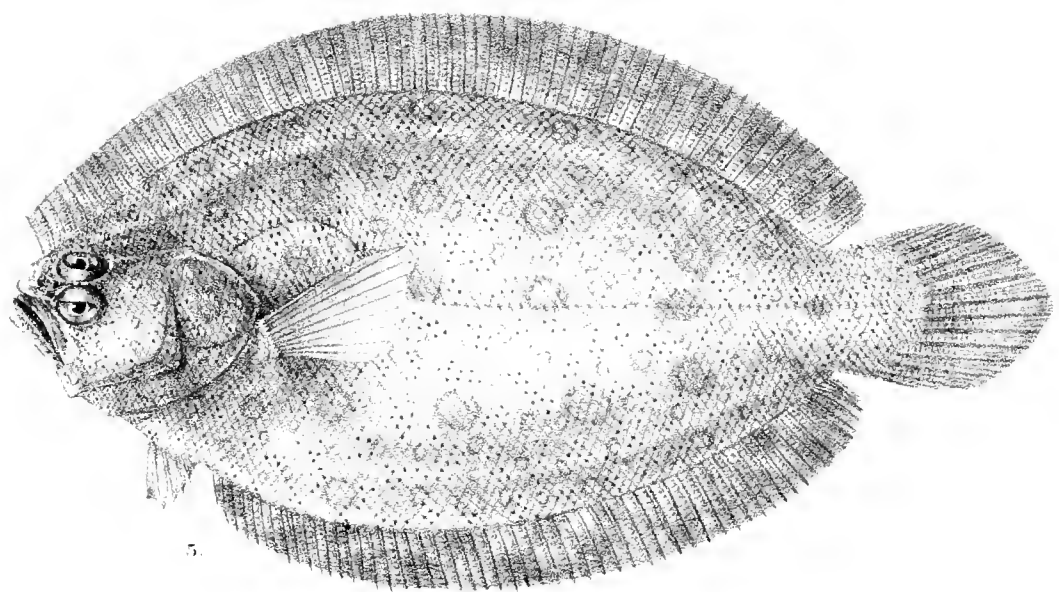
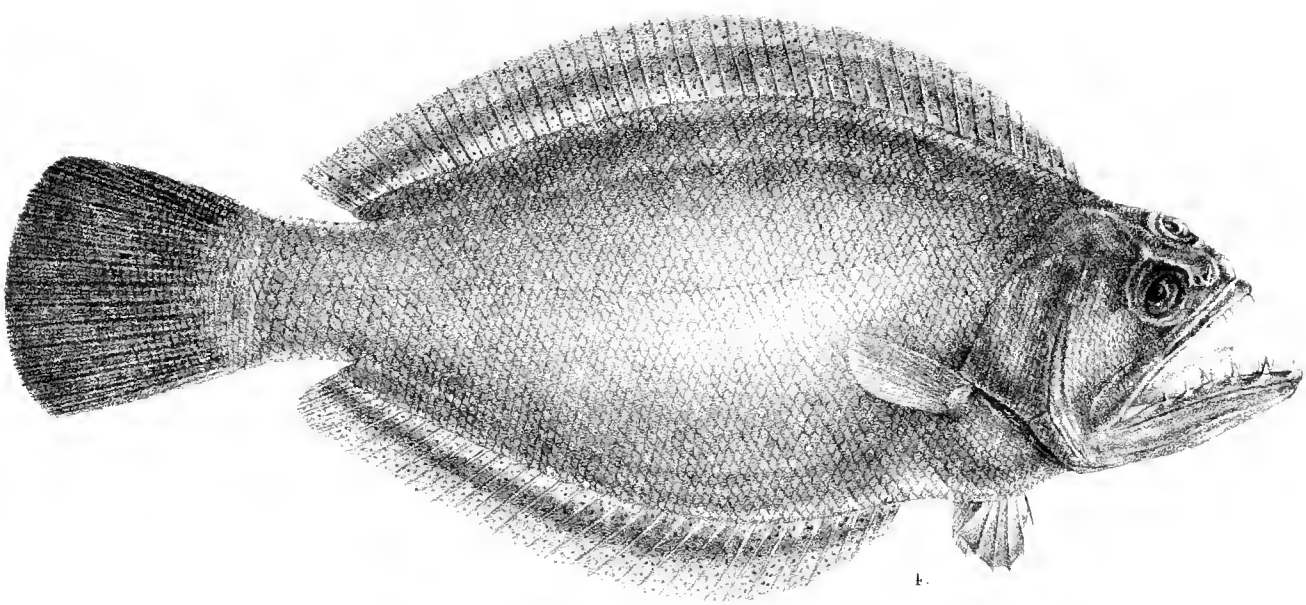
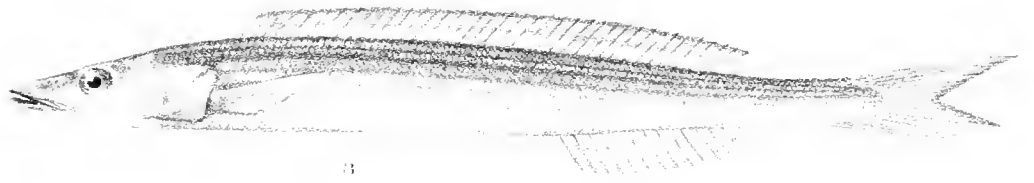
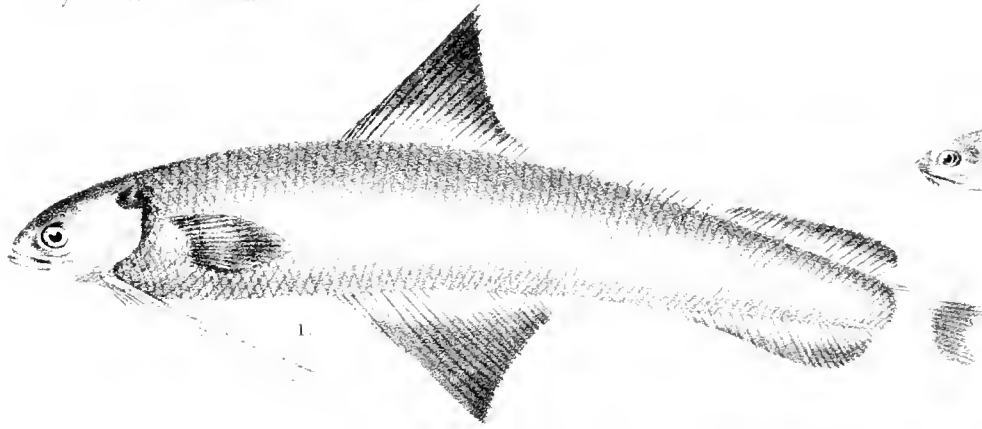
4. *PLATYPTERUS*

5. *PLATYPTERUS*

6. *PLATYPTERUS*

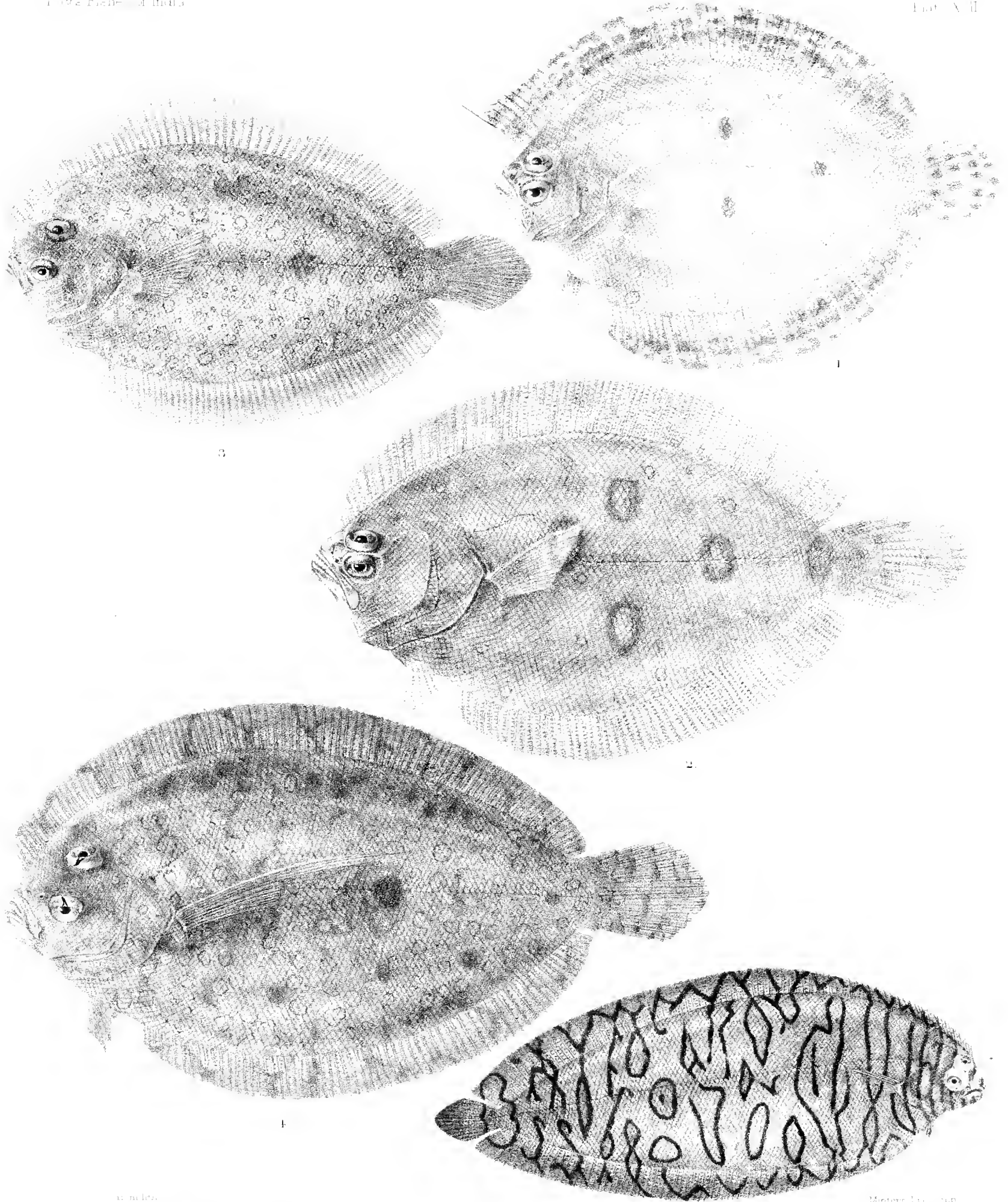






1. BREGMA EROC ATRINENSIS      2. BROTULA MACULATA      3. AMIA TTEO KA. LOLEPI.  
 4. PSETTODES ERUMEI      5. PSEUDORHOMBUS ARSIUS

MOBILE  
HAT  
CITY  
SA

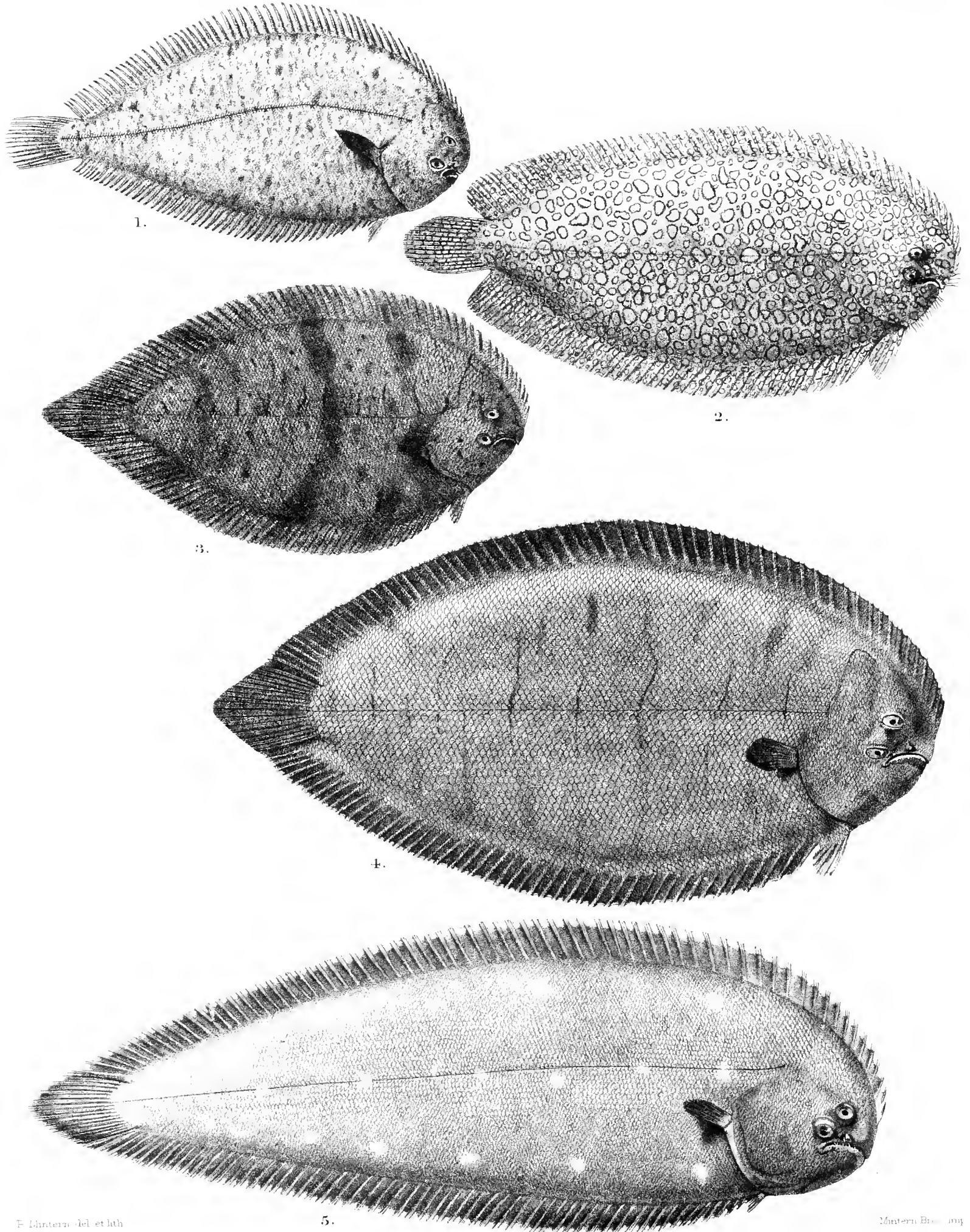


11 cm. long

Minor 1 1/2 inch

1. *Platophris procellatus* (P. JAVANICA) 2. *Platophris pantherina* 3. *Platophris procellatus* 4. *Platophris pantherina* 5. *Platophris heterochina*



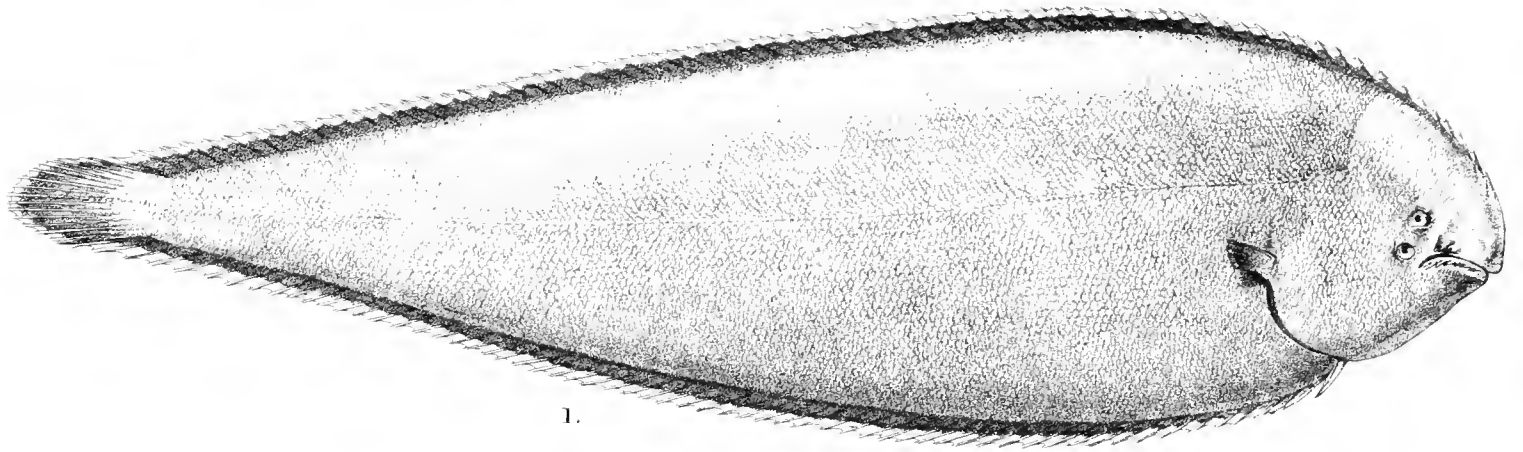


F. Dinter, del. et lith.

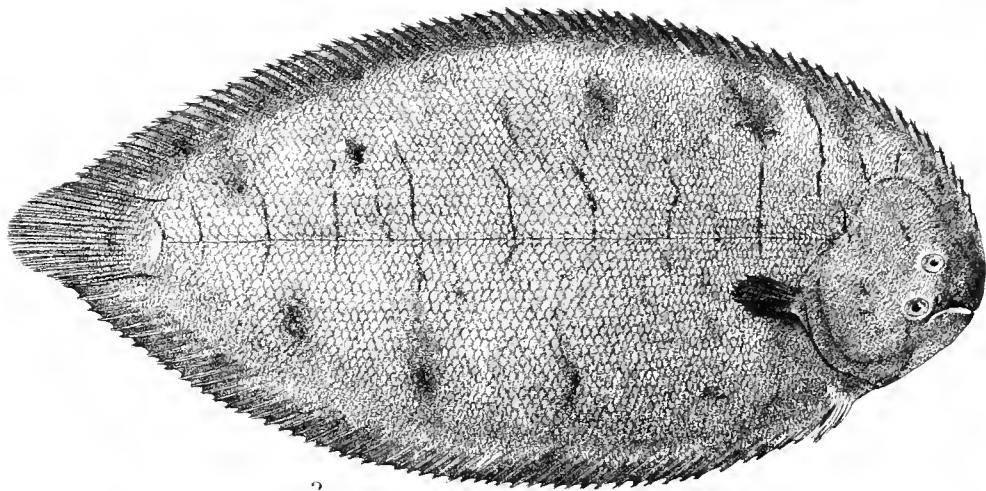
Mantoni, Bras. imp.

1. SOLEA OVATA.    2. ACHIRUS PAVONINUS.    3. SYNGNATHUS PINNATUS.    4. S. CILIARIFASCENS.  
 5. S. ALBOMACULATA.

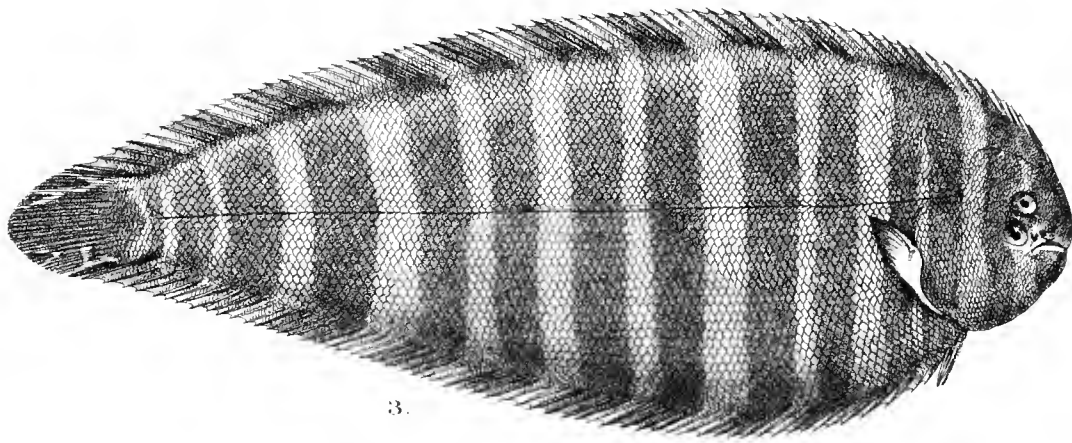




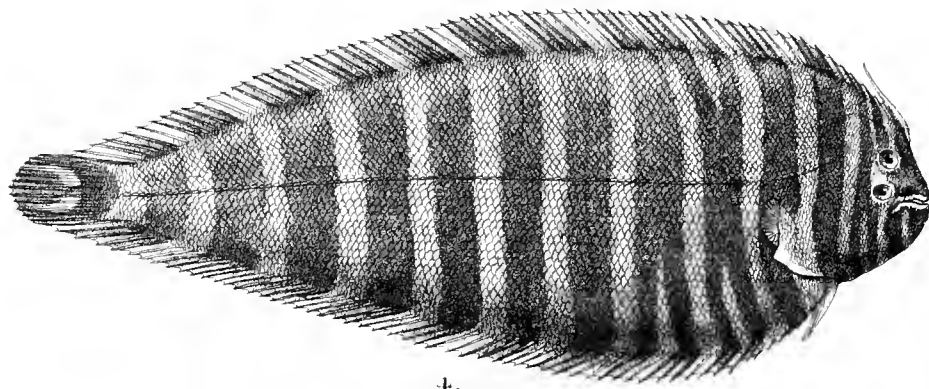
1.



2.



3.



4.

Blüthner del et lith.

Münster Brönnig

1, SYLLIPTURA COMMERSONIANA

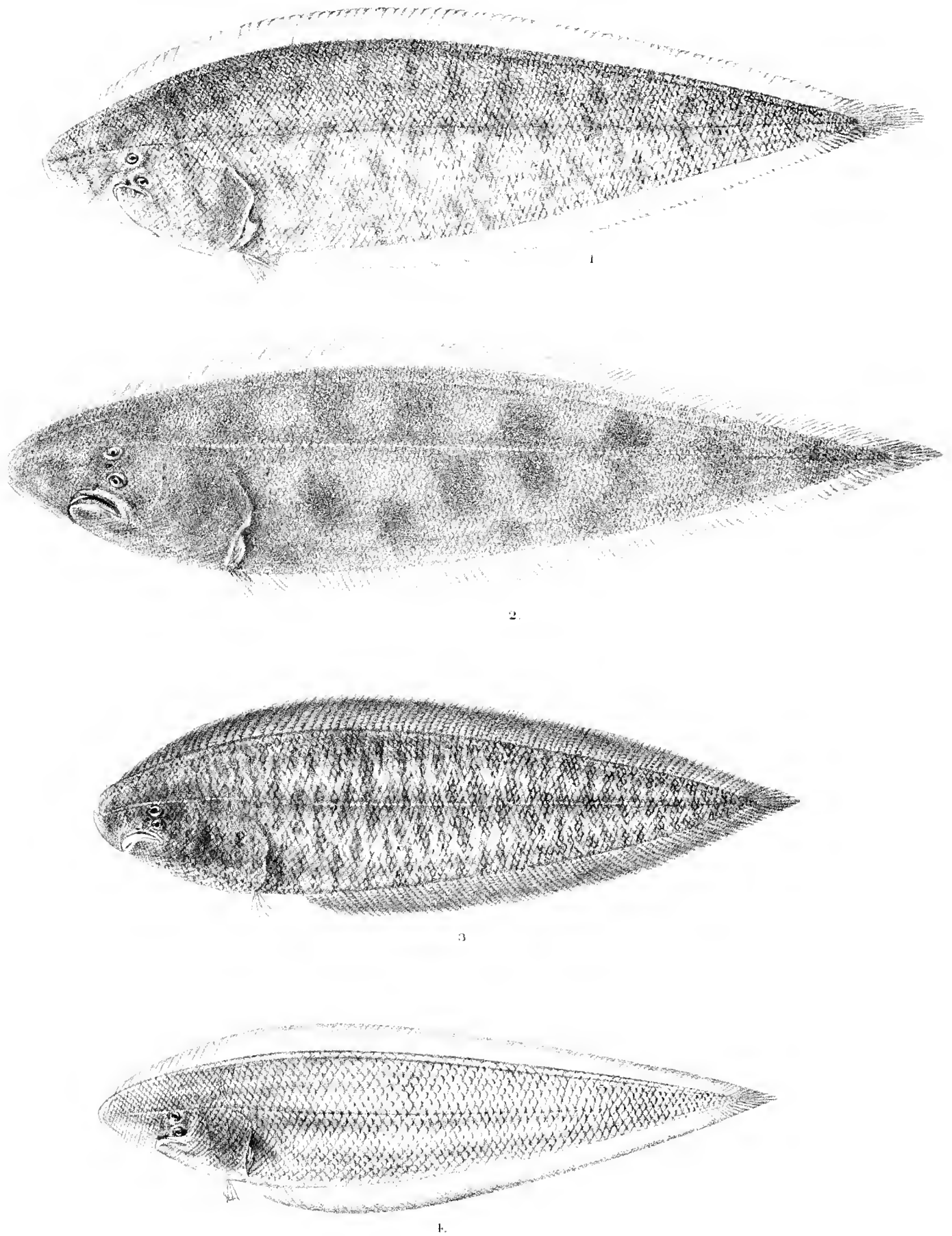
2, S. ORIENTALIS

3, S. ZEBRA

4, S. CORNUTA

PROPERTY  
OF THE UNIVERSITY  
OF CALIFORNIA, USA





Scale 1/4 in.

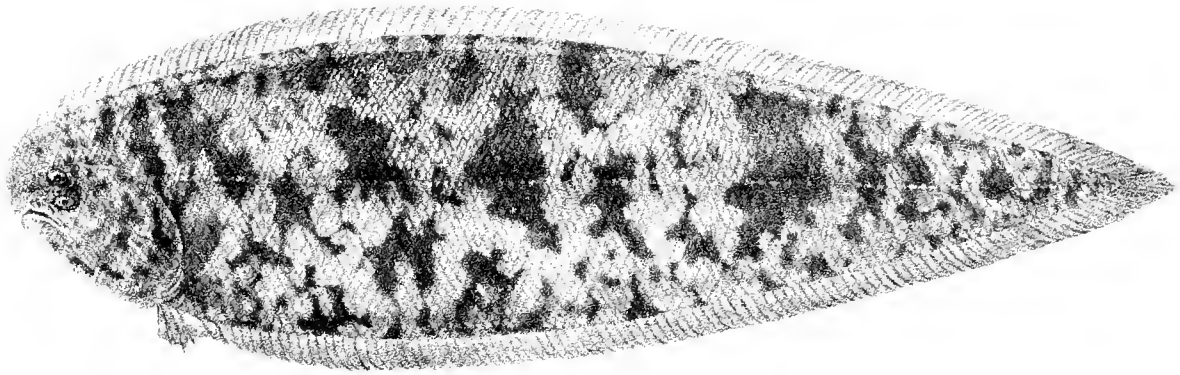
Minton & Beal, comp.

1, *PLAGUSIA MARMORATA*    2, *CYNOGLOSSUS DUBIUS*    3, *C. HAMILTONII*    4, *C. CLIGOLEPIS*

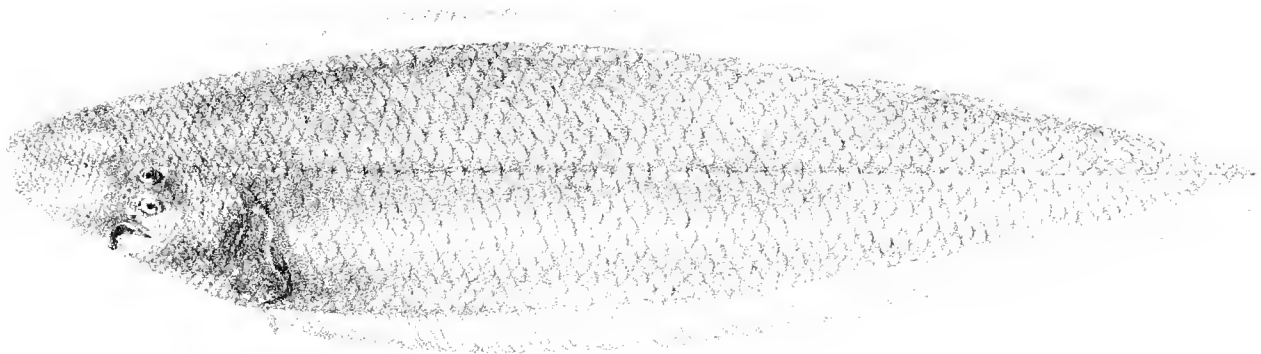




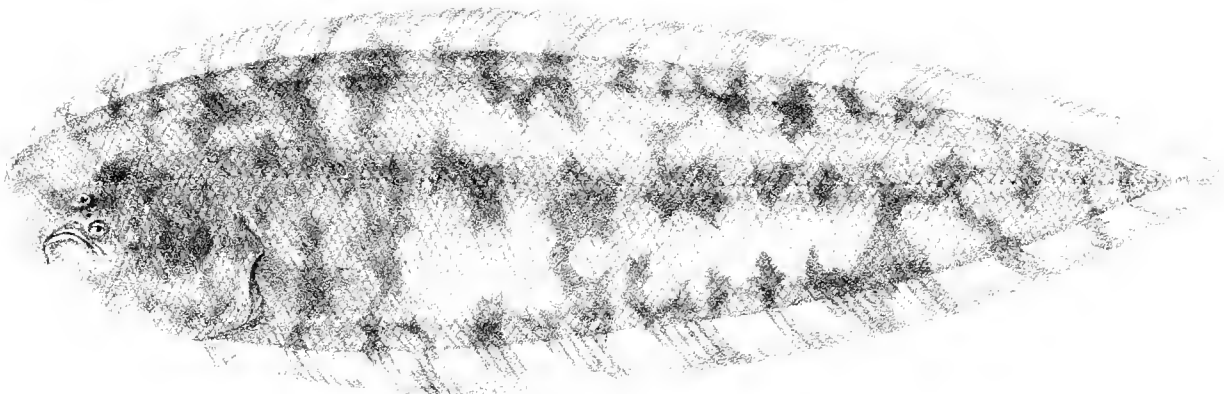
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4.



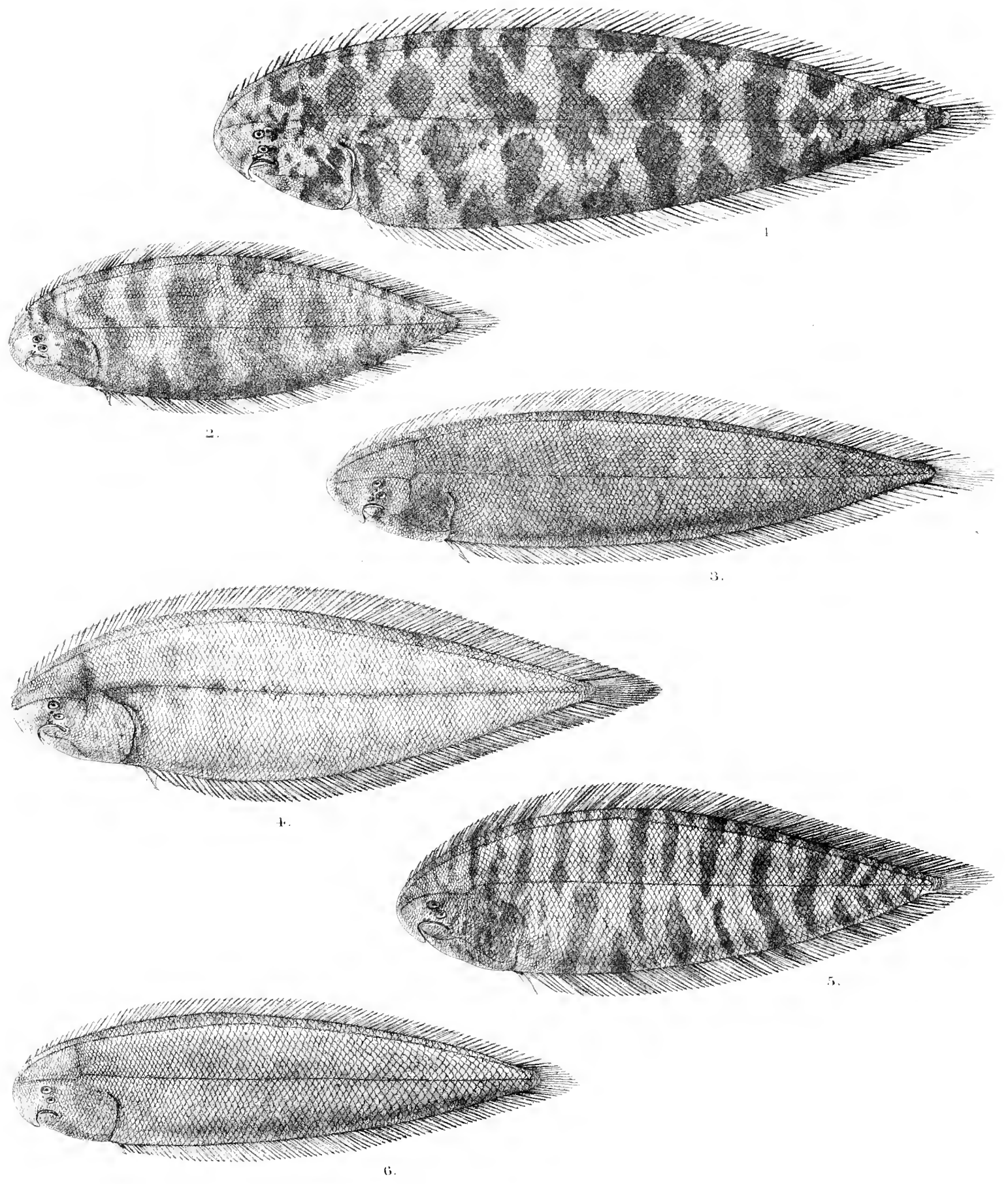
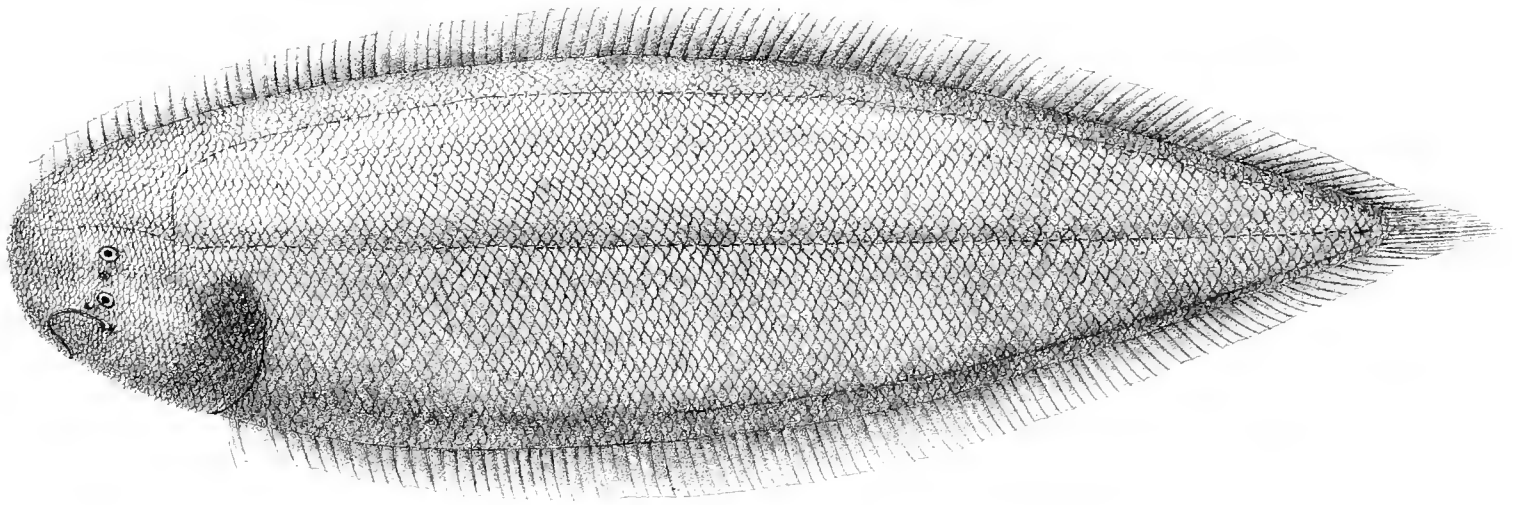


Fig. del P. Minetti del

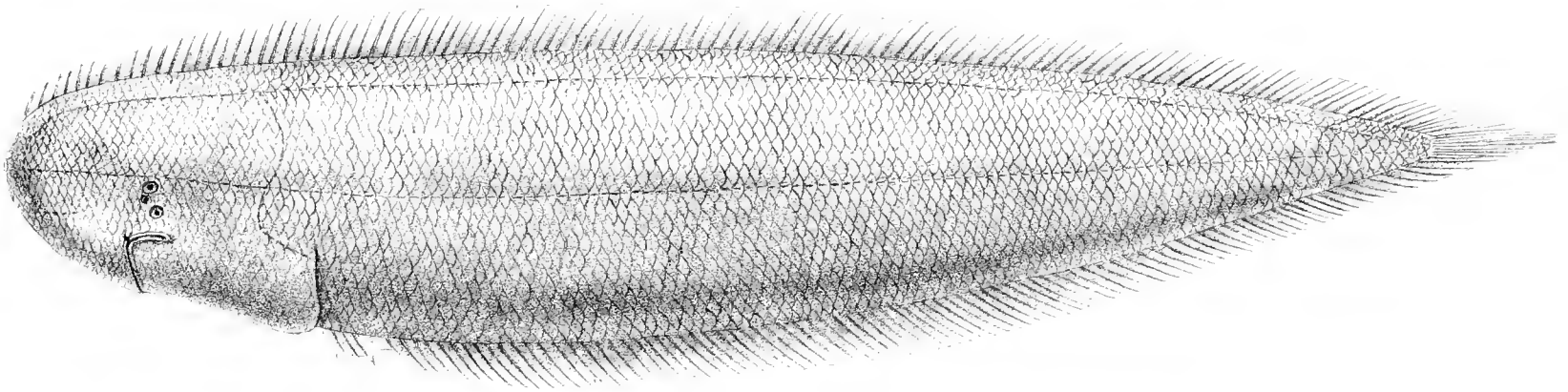
Minetti del

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 6. *C. BREVIROSTRIS*

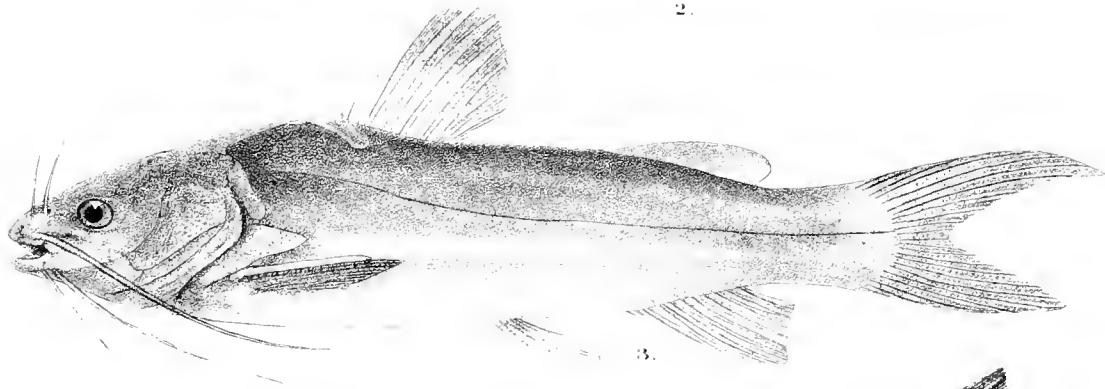
© 2017  
CANTON, MA USA



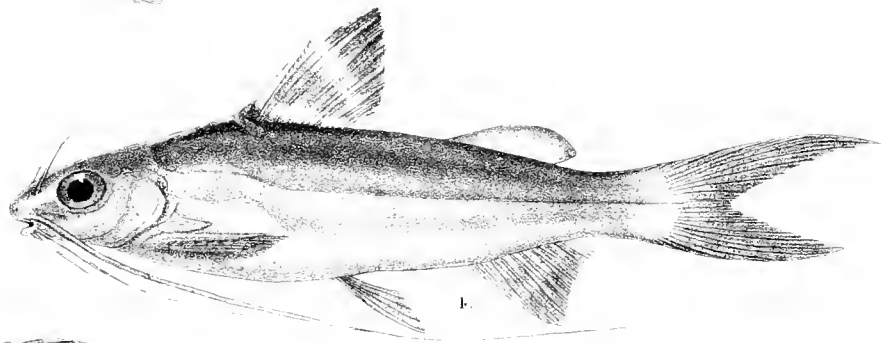
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2.



3.



4.



5.

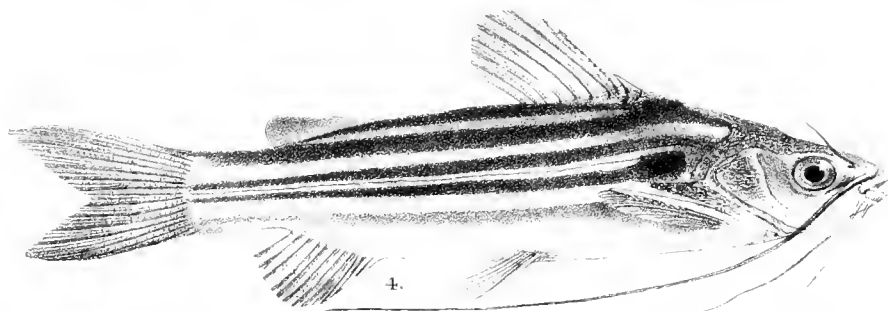
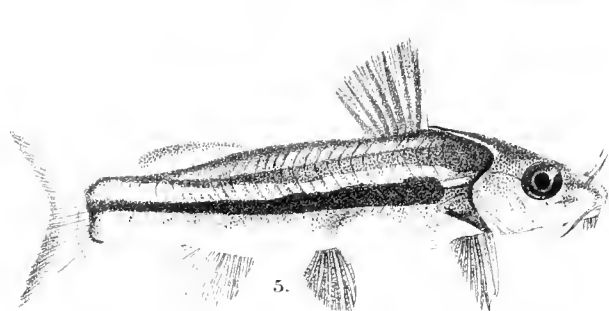
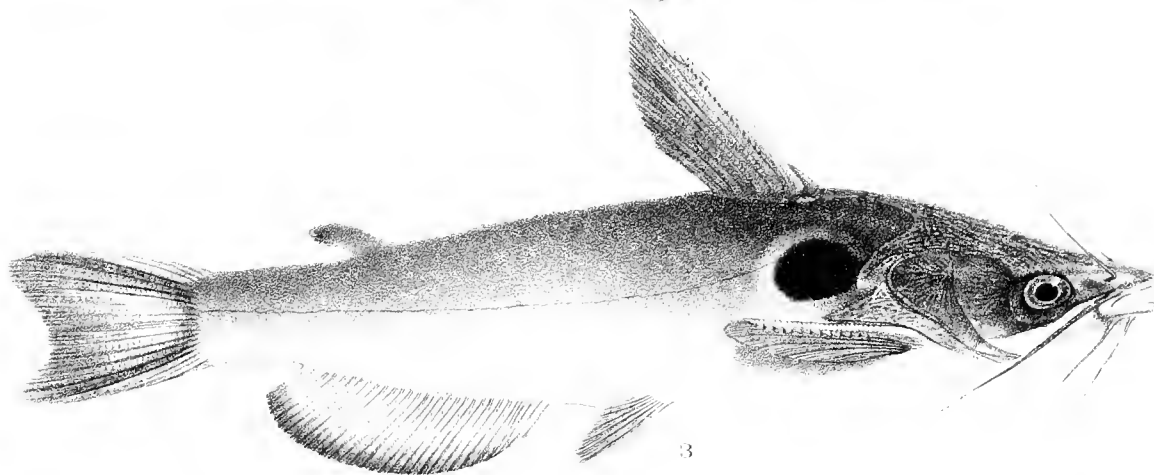
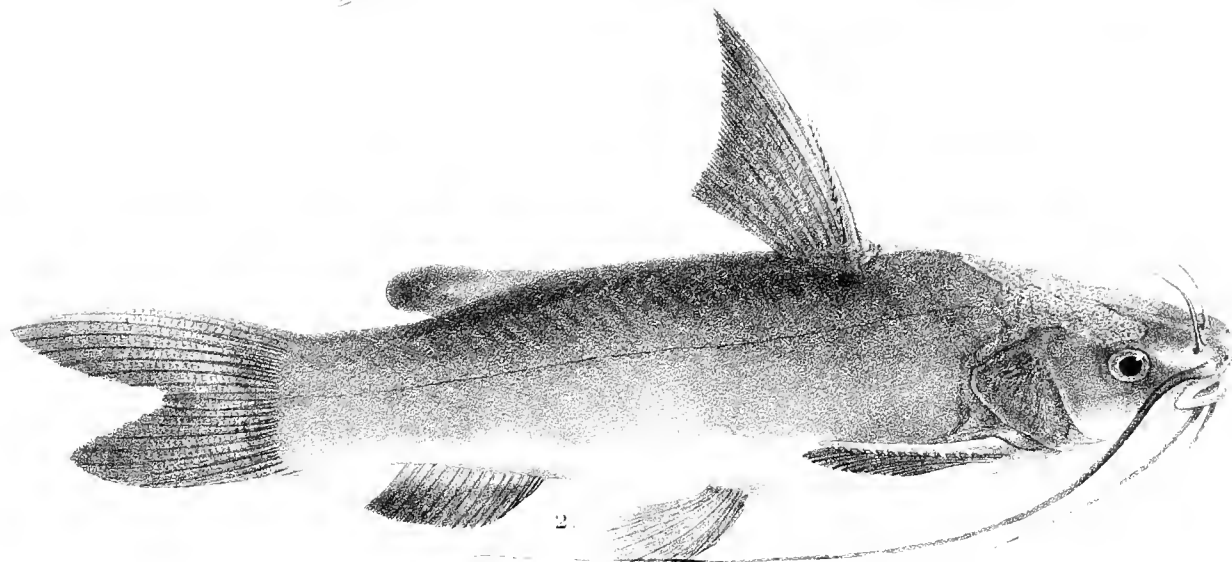
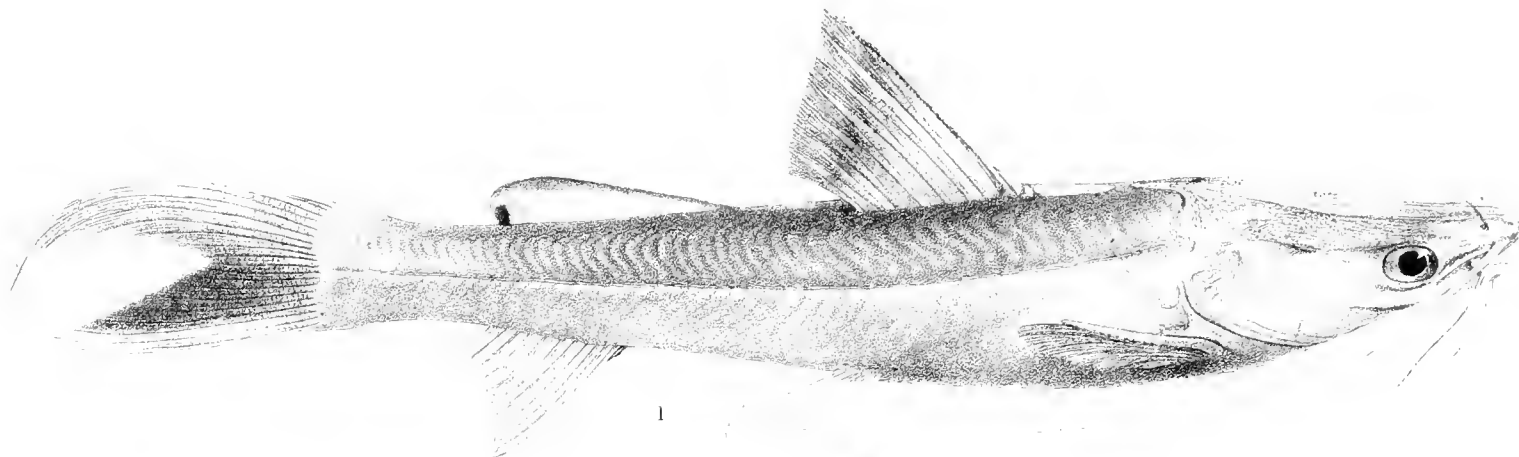
M. J. S. 1894

Mintern Br. 1894

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 5. *M. RELETICUS.*

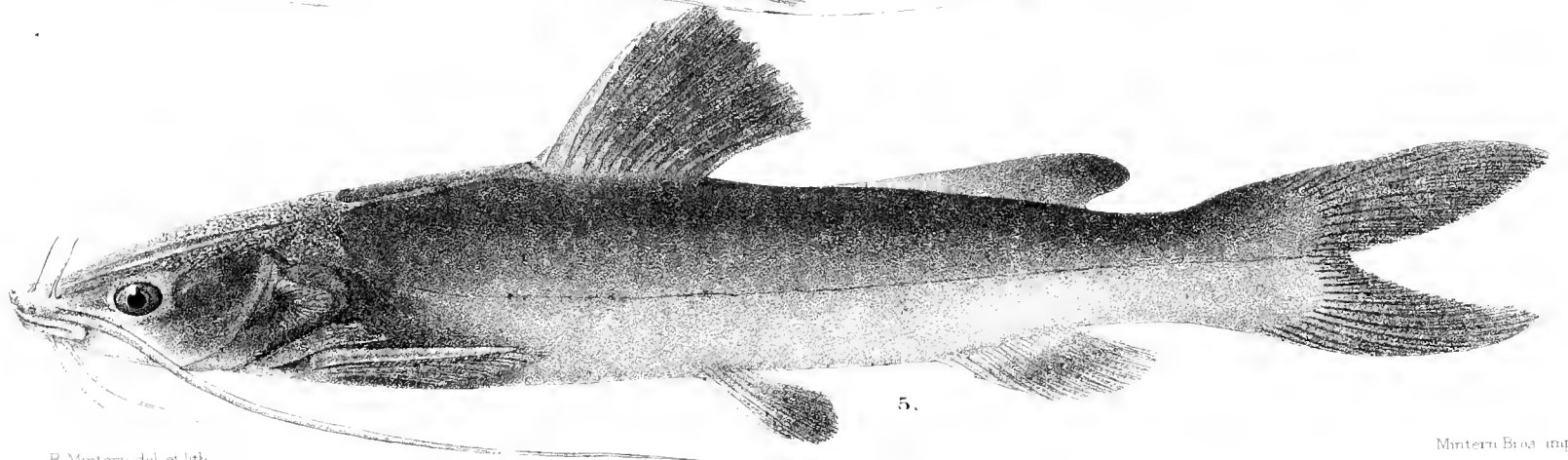
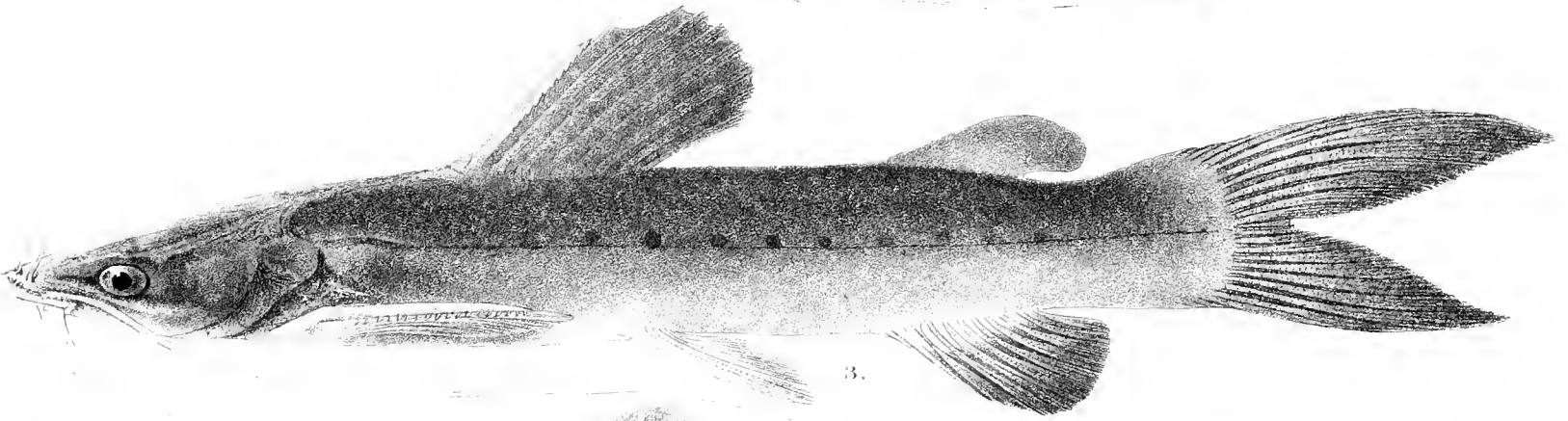
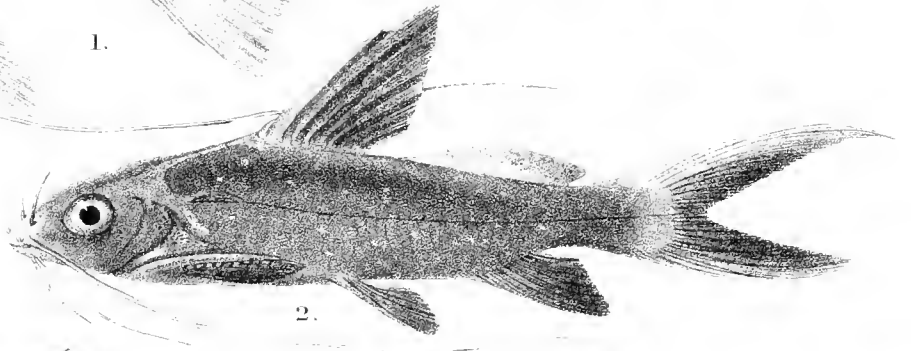






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5, GAGATA BATASIO.



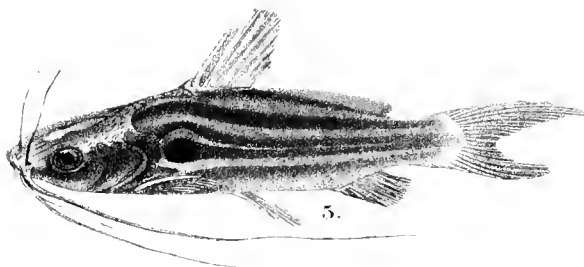
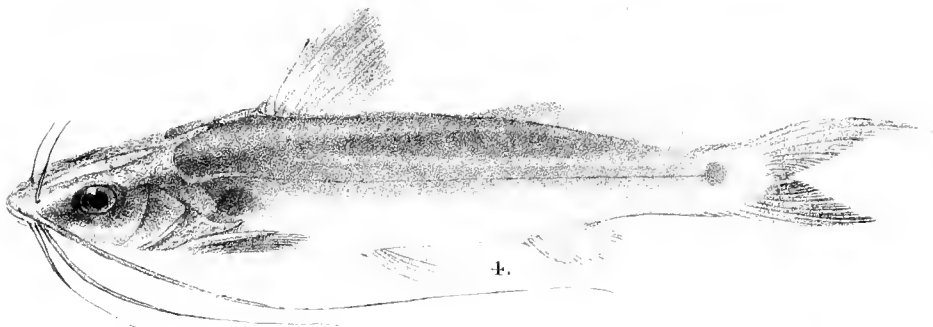
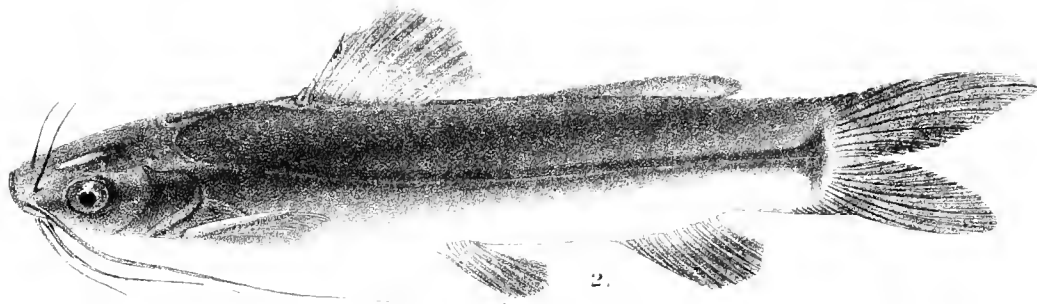


R. Minteri del et lith.

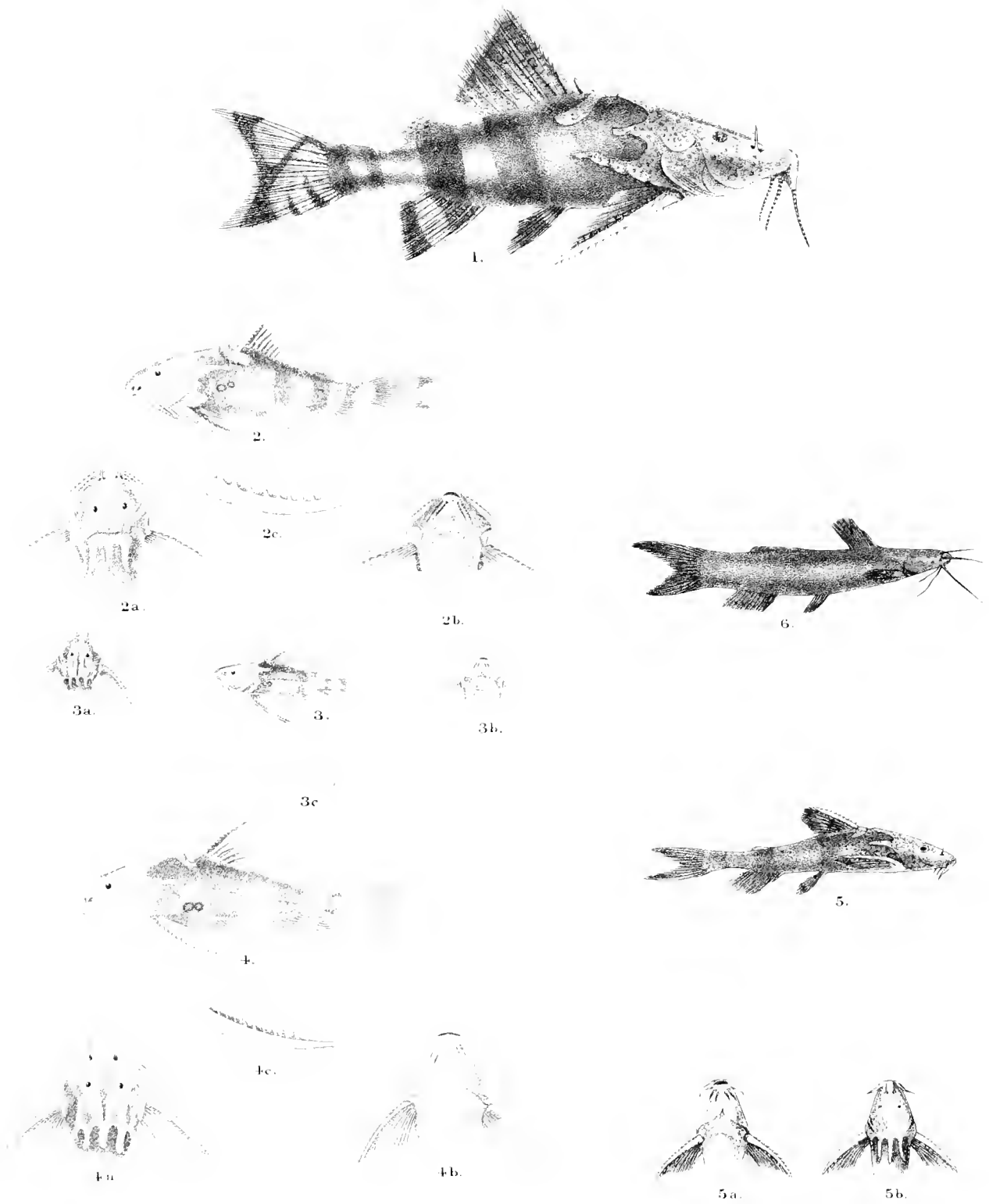
Minteri Brod imp.

1. MACRONES CAVASIUS.    2. M. LEUCOPHYSIS    3. M. PUNCTATUS.    4. M. MICROPHthalmus    5. M. COROLLA





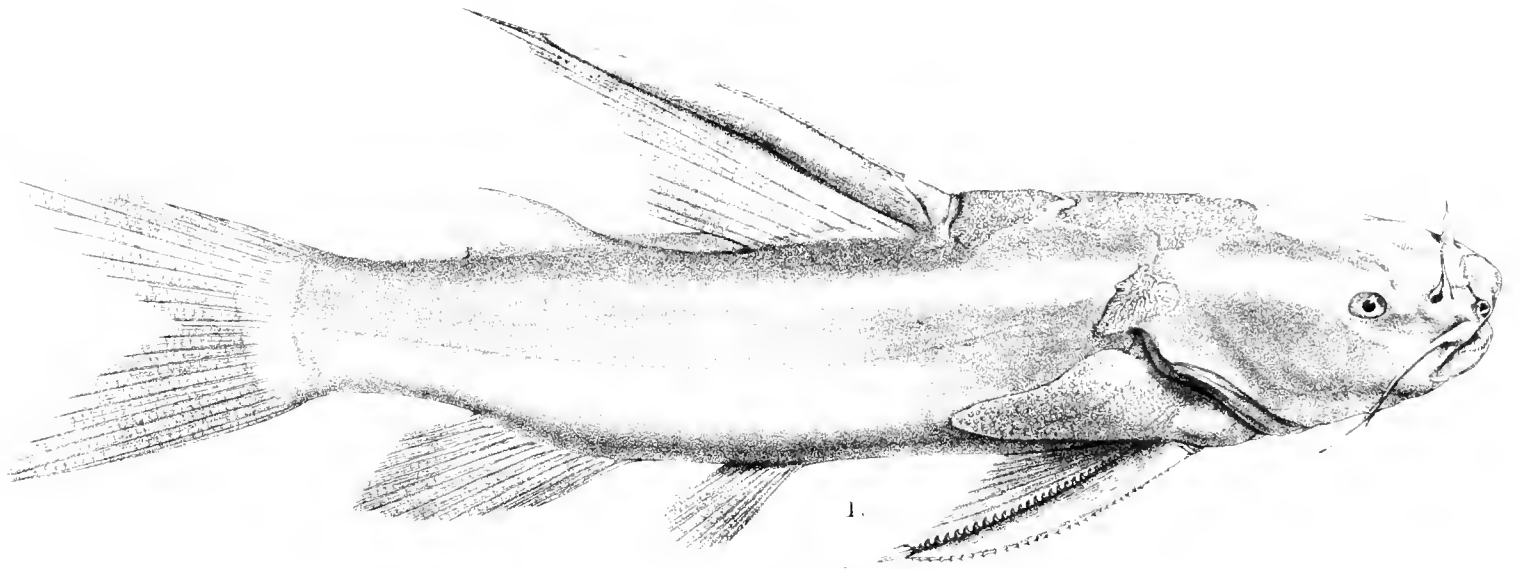




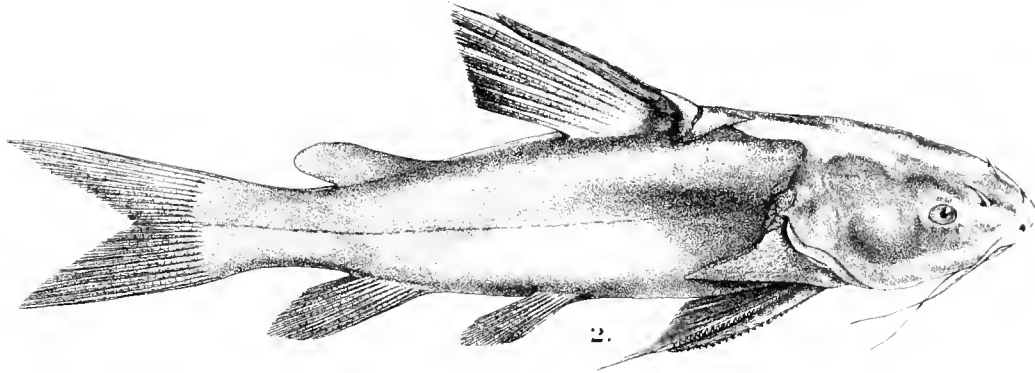
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 5. P. ELONGATA      6. AMBLYCEPS MANGOIS



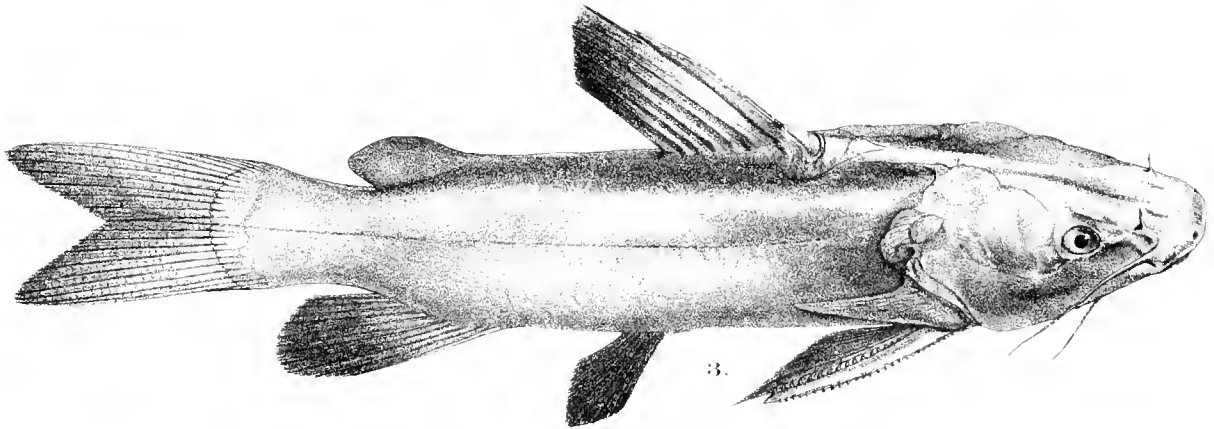




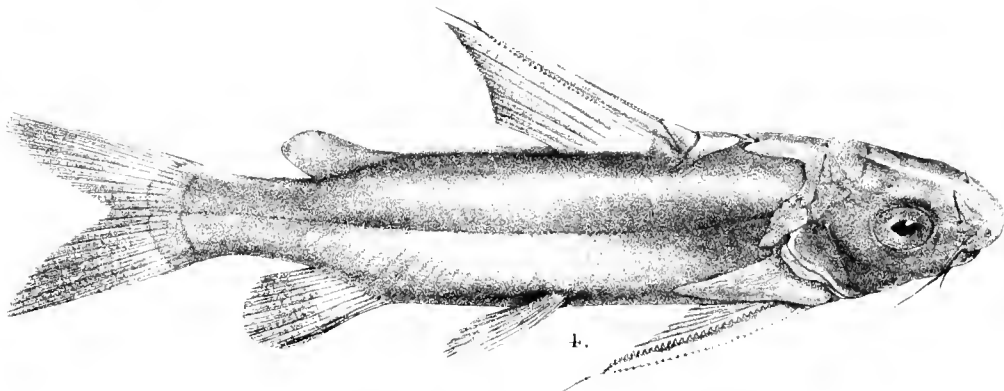
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2.



3.



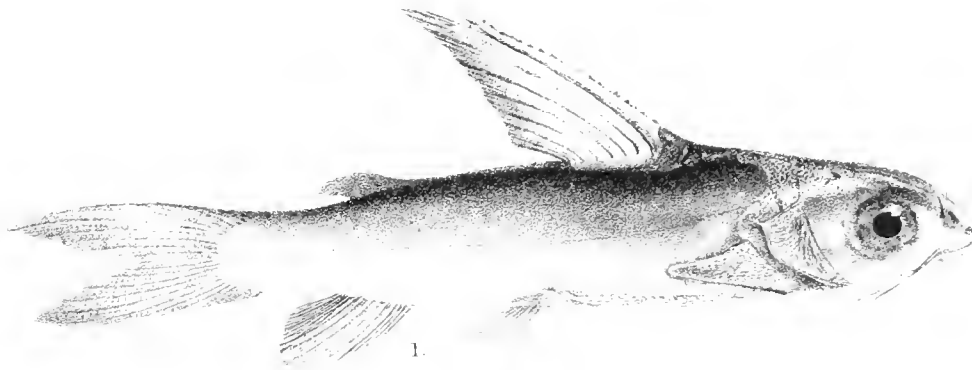
4.

R. Muntern del et lith

Muntern Bros imp

1, RITA BUCHANANI 2, R. BUCHANANI (YOUNG). 3, R. PAVIMENTATA. 4, R. HASTATA

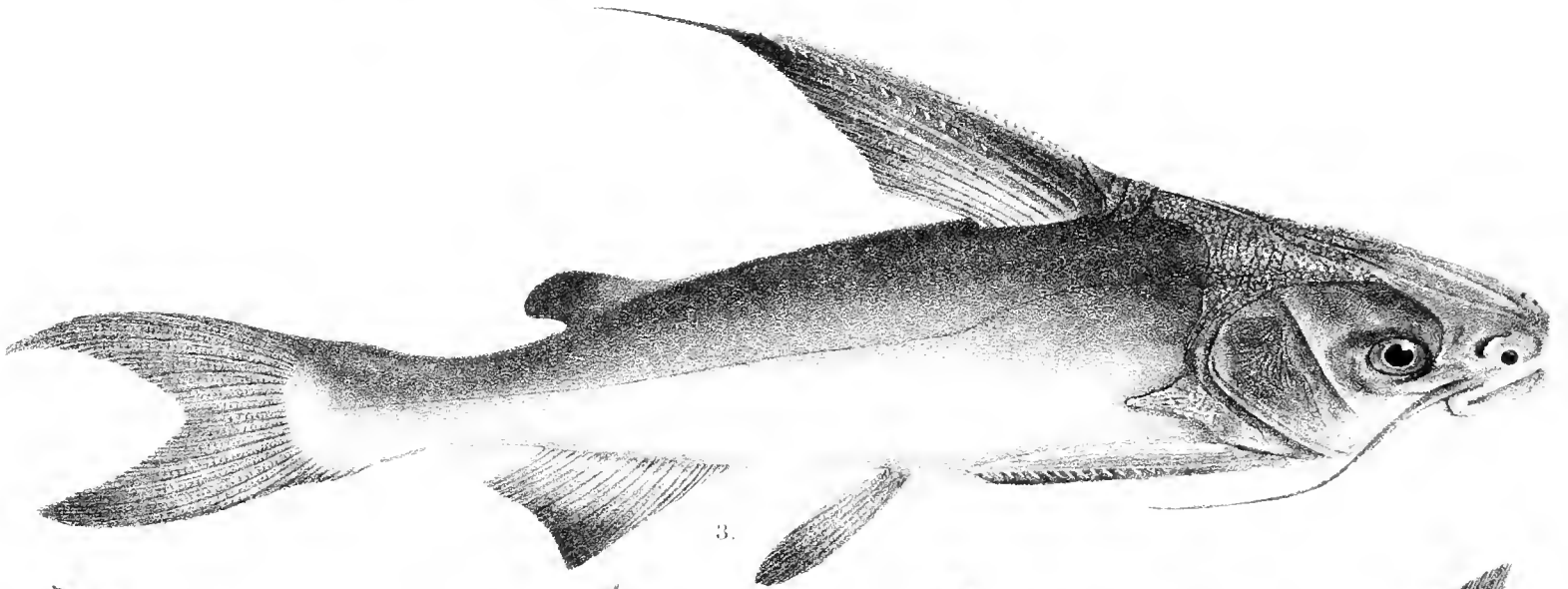




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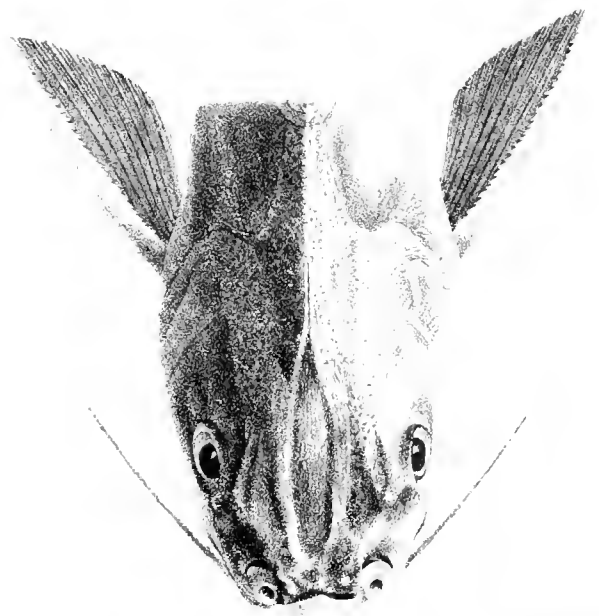
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3.



1a.

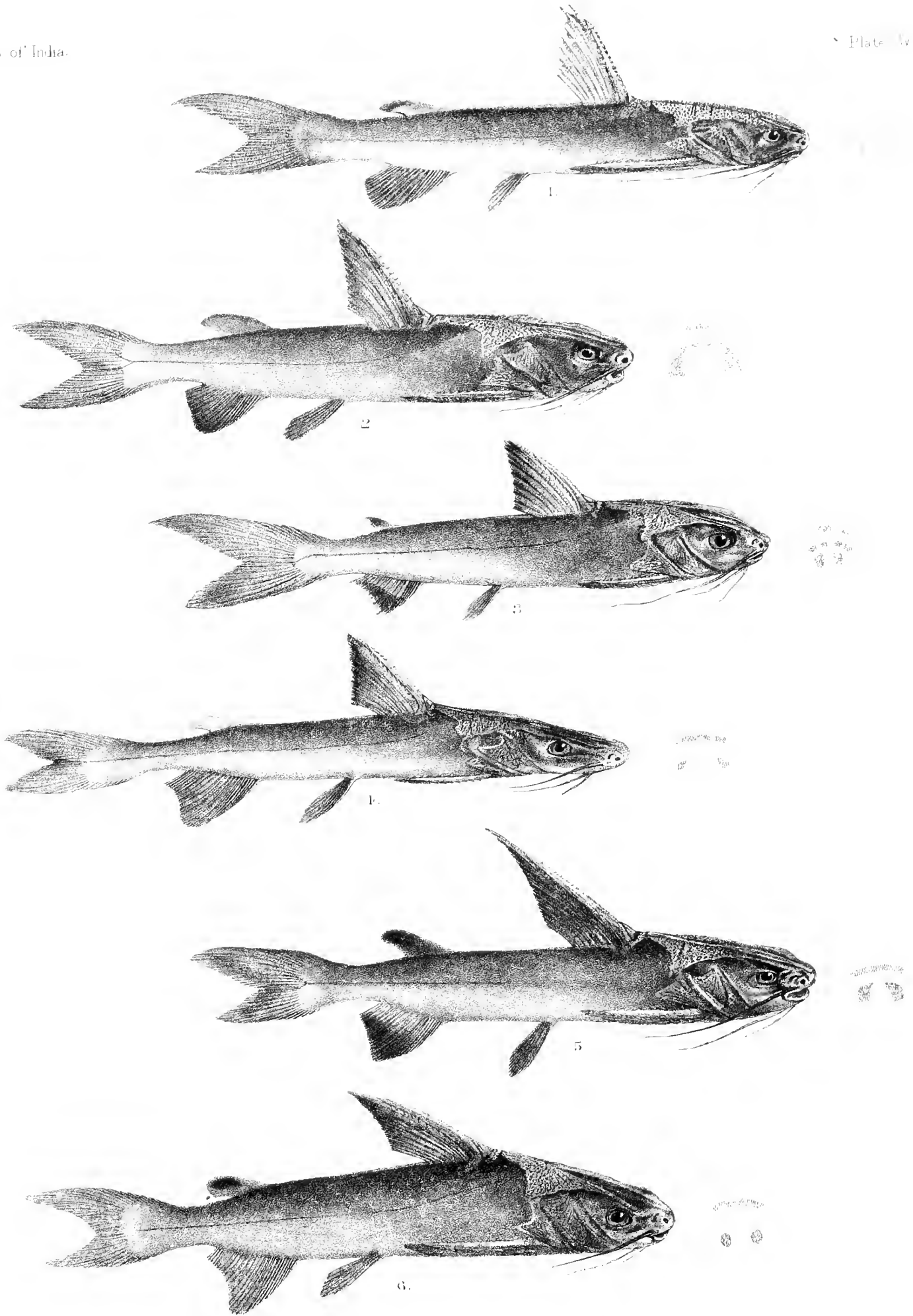


3b.

R. Martens del et lith

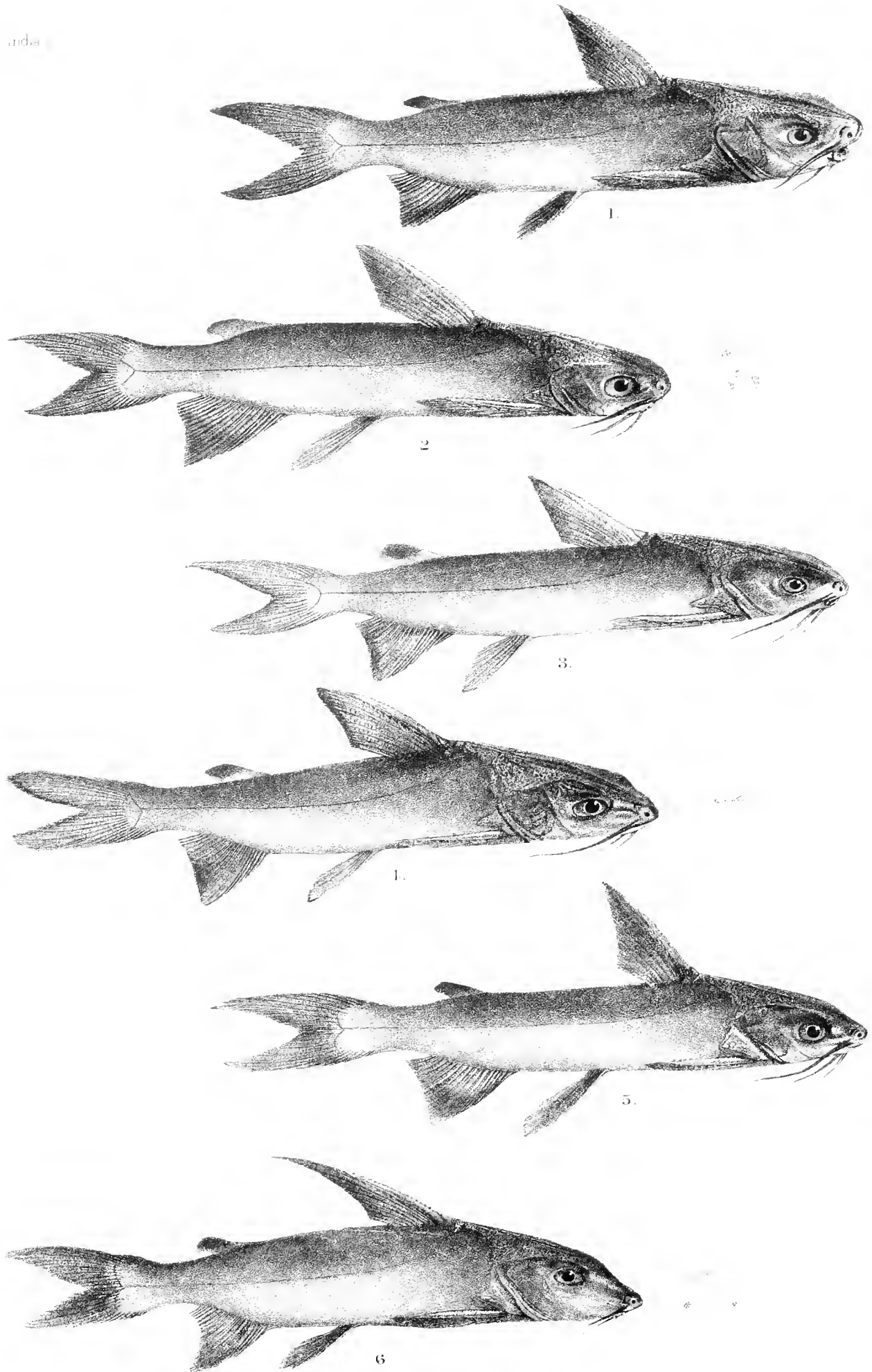
1, RITA CHRYSSEA. 2, R. BUCHIANII. (YOUNG.) 3, ARIUS NENGA 4, A. THALASSINUS.





1 ARIUS SAGOR.      2 A. SONA.      3. A. SFRRATUS.  
 4 A. BURMANICUS.      5 A. CÆLATUS      6. A. BUCHANANI.

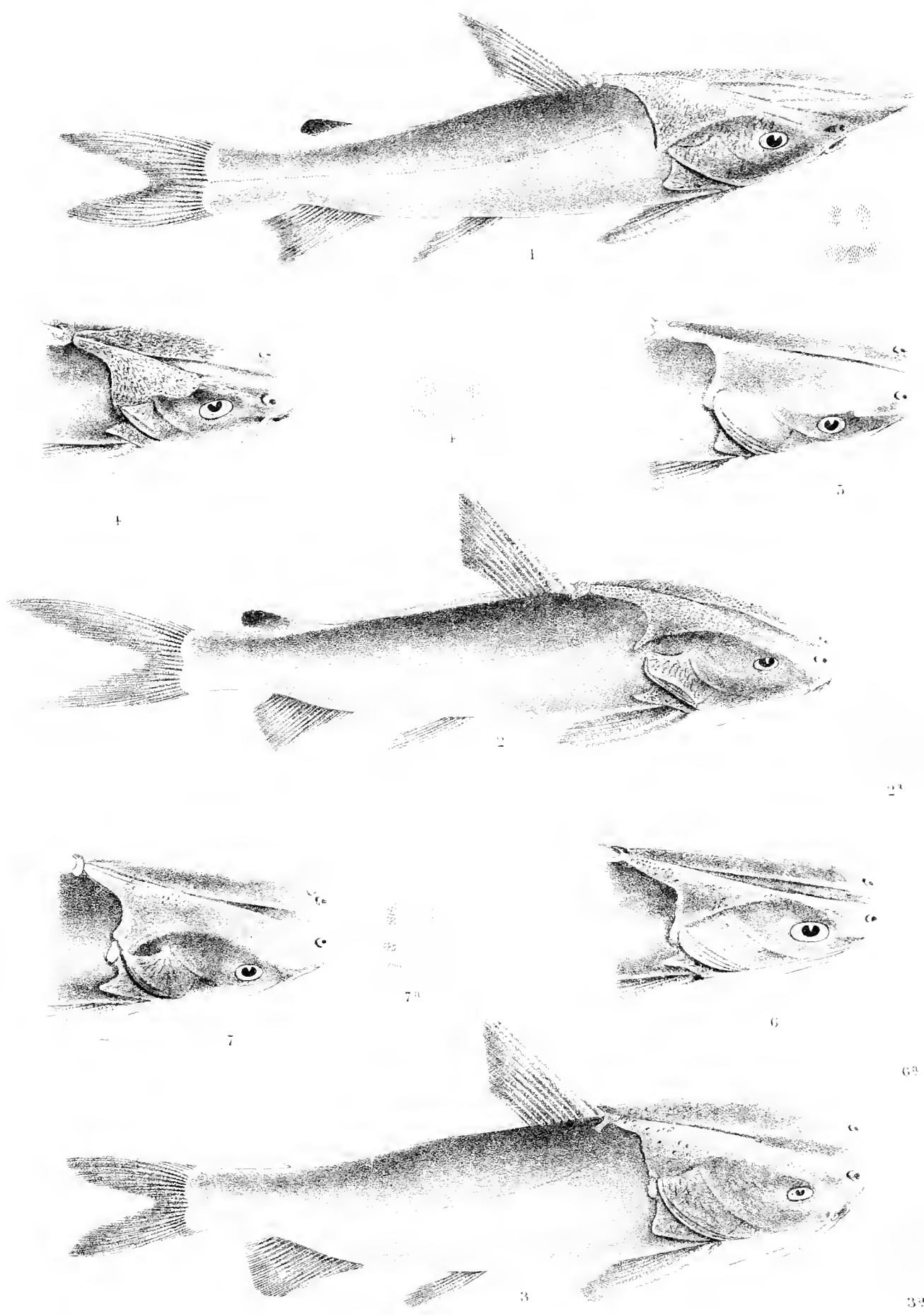
UNIVERSITY  
OF MASSACHUSETTS  
AMHERST MA USA



1. ARIUS THALASSINUS. 2. A. VENOSUS. 3. A. JELLA  
 4. ARIUS JATIUS. 5. A. FALCARIUS 6. A. SUBROSTRATUS

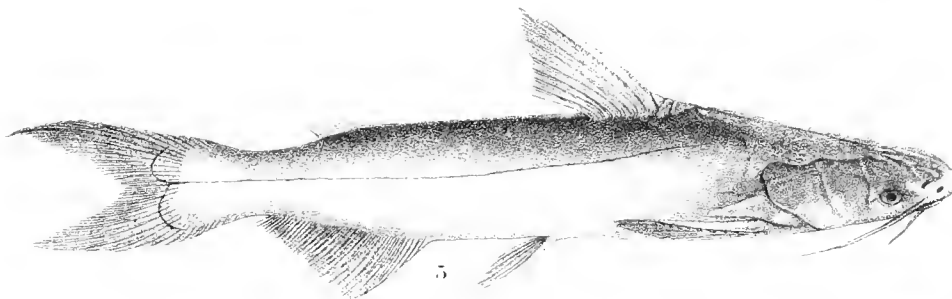
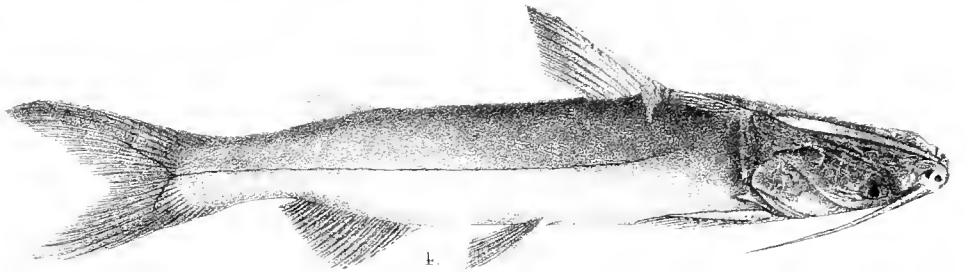
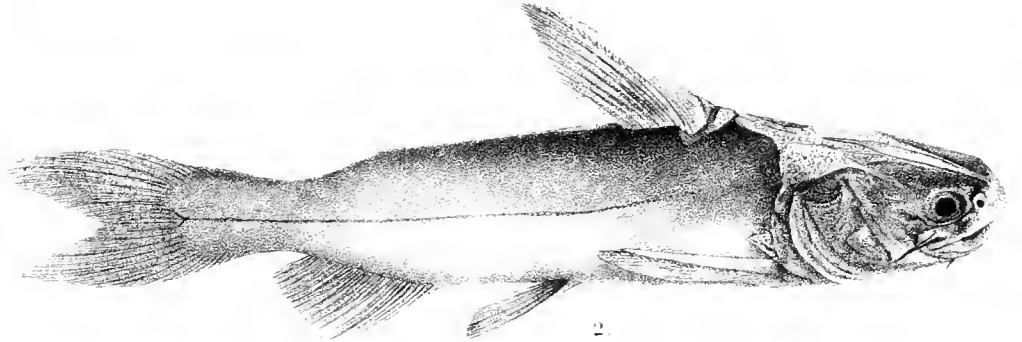
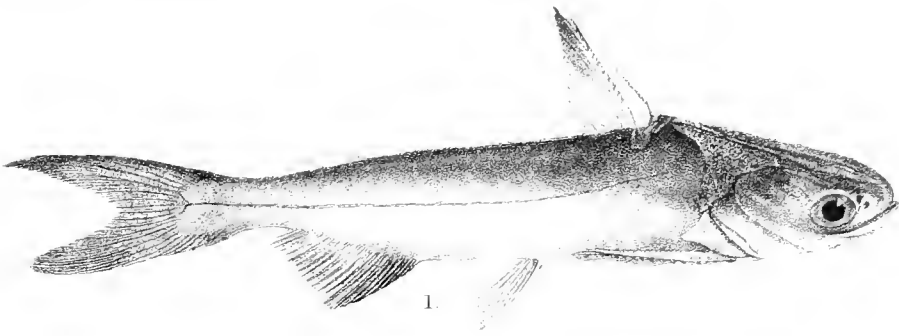
STANDARD  
ENERGY  
CORPORATION MA USA





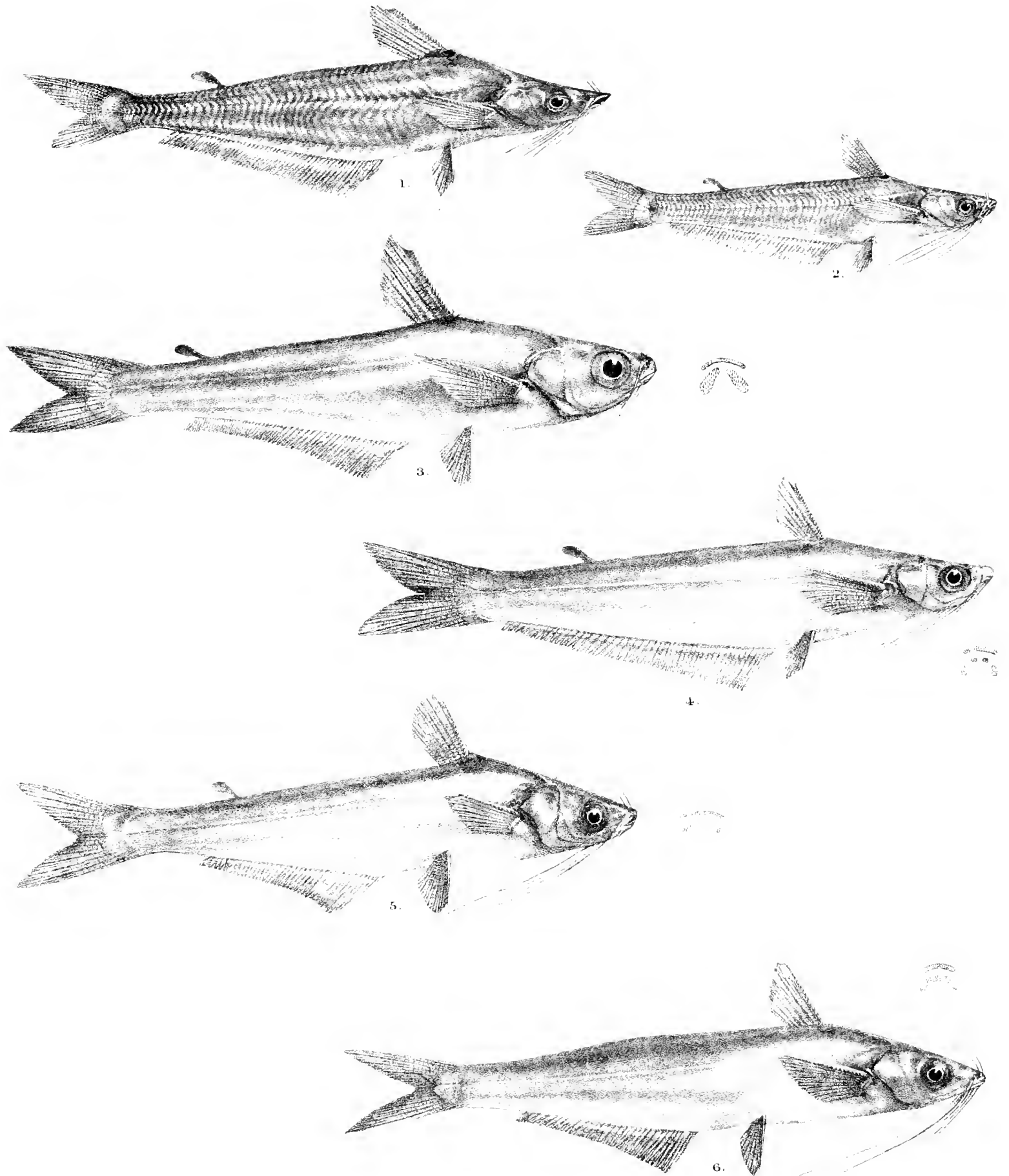
1 ARIUS ACUTIROSTRIS 2 A GAGORA 3 A PLATYSTOMUS 4 A MALABARICUS  
 5 A TENUISPINIS 6 A SUMATRANUS 7 A DUSSUMIERI

W. W. GARDNER  
HARVARD UNIVERSITY  
CAMBRIDGE, MA USA



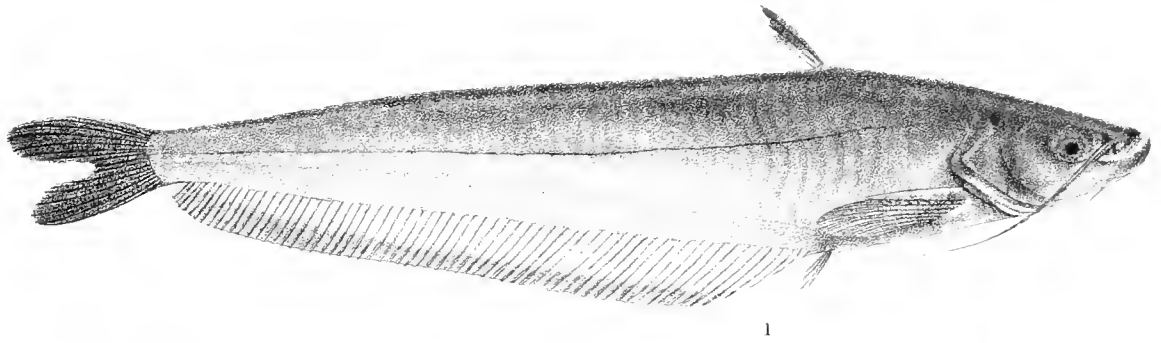
1 BATRACHOCEPHALUS MINO      2, KETENGUS TYPUS      3, OSTEOGEMIUS STENOCEPHALUS  
 4 C O MILITARIS.      5, PANGASIUS BUCHANANI      6, PSEUDEUTROPIUS MURIUS

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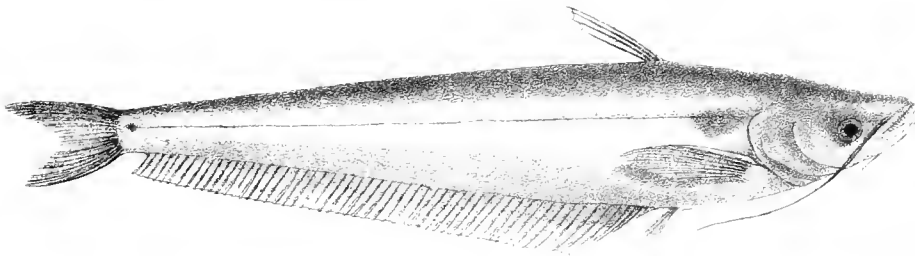


1, PSEUDEUTROPIUS ACUTIROSTRIS      2, P. ATHERINOIDES.      3, P. GOONGWAREE.  
 4, P. TAAKREE      5, P. SYKESII.      6, P. GARUA.





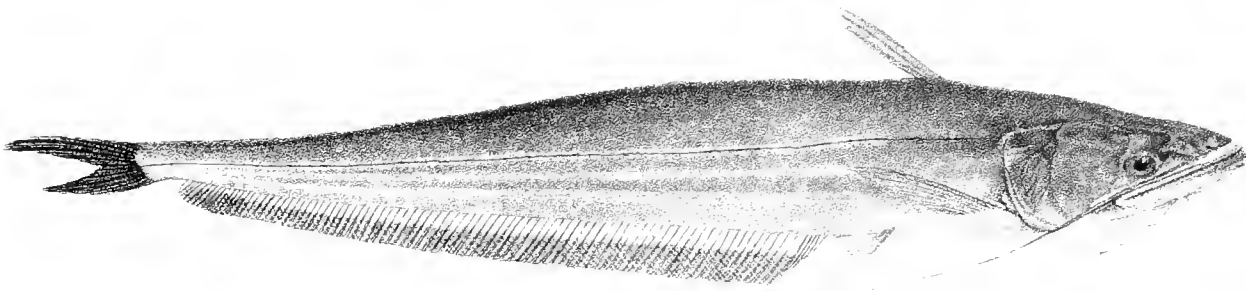
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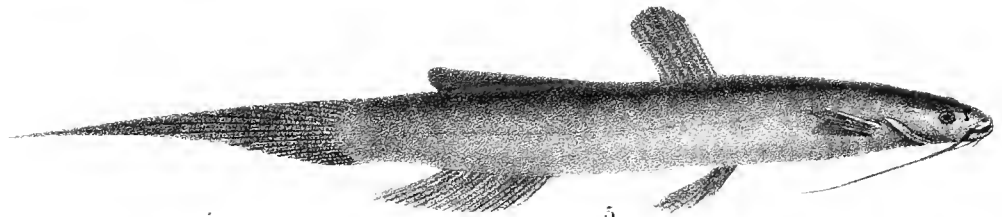
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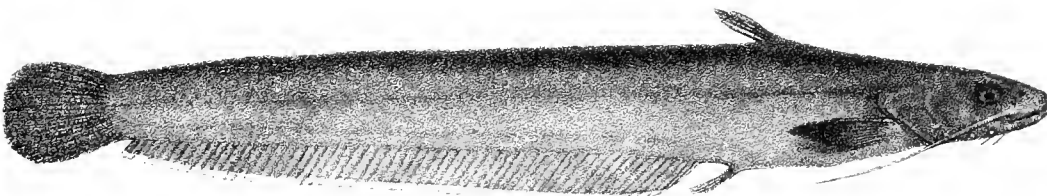
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Munter del.

1, CALLICHRONUS MALABARICUS

2 & 3, S. PABDA

4, WALLAGO ATTU

5, MELYRA BURMANICA

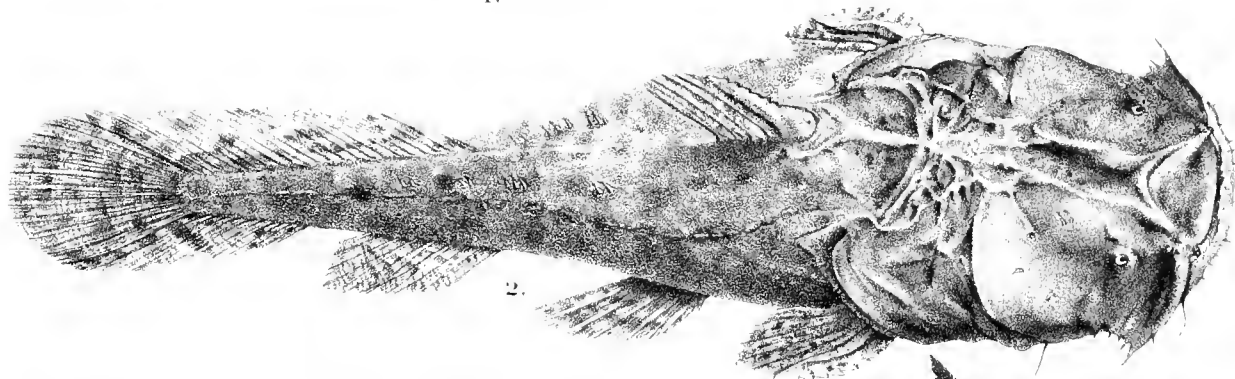
6, SILURUS WYNAADENSIS







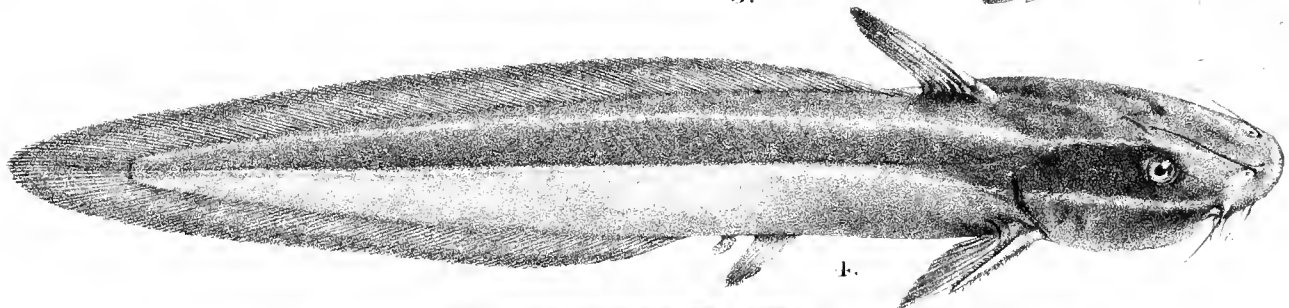
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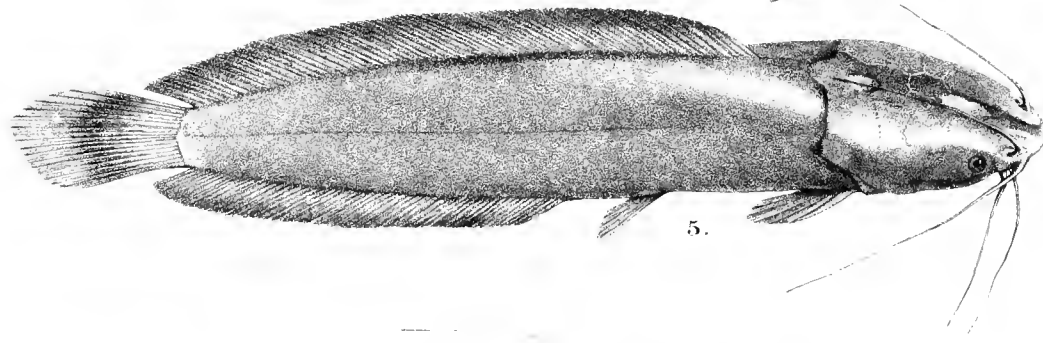
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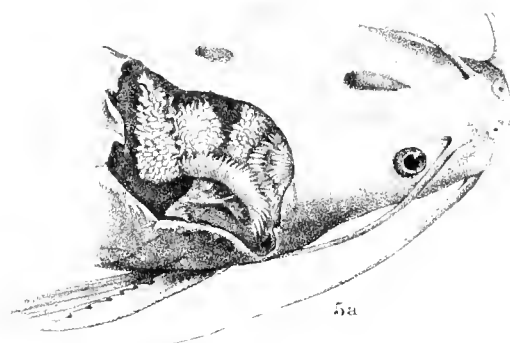
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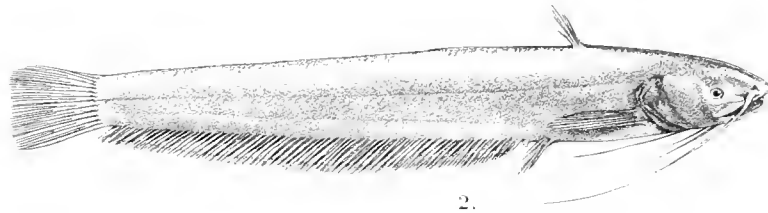
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1. ILURUS AFGHANA    2. CHACA LOPHOIDES.    3. PLOTOSUS CANIUS    4. P. ARAB  
5. CLARIAS MAGUR    5a. BRANCHIÆ EXPOSED





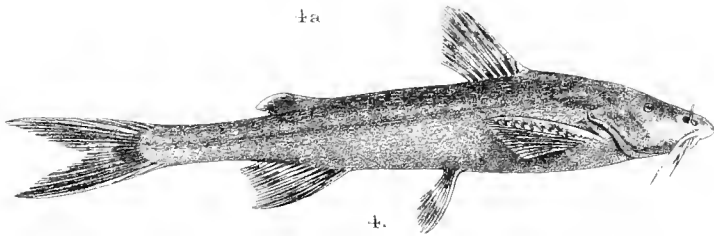
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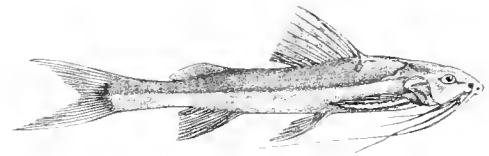
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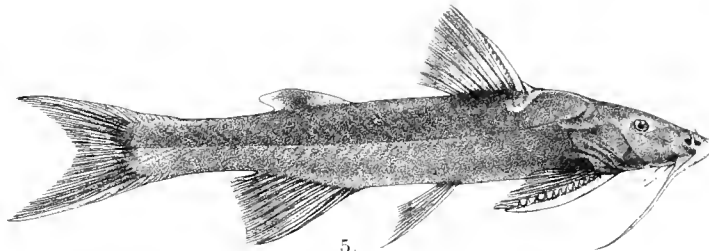
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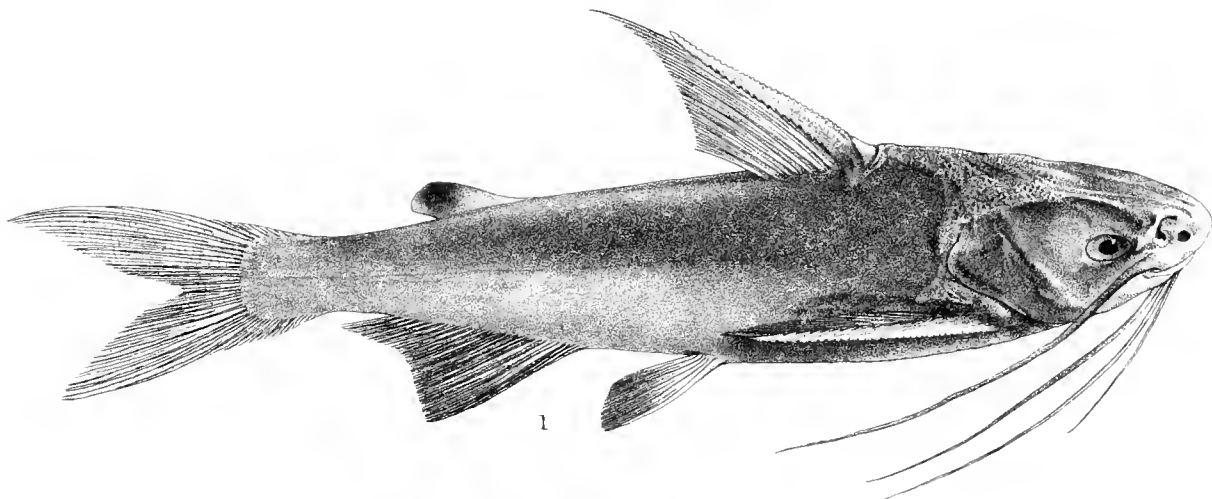
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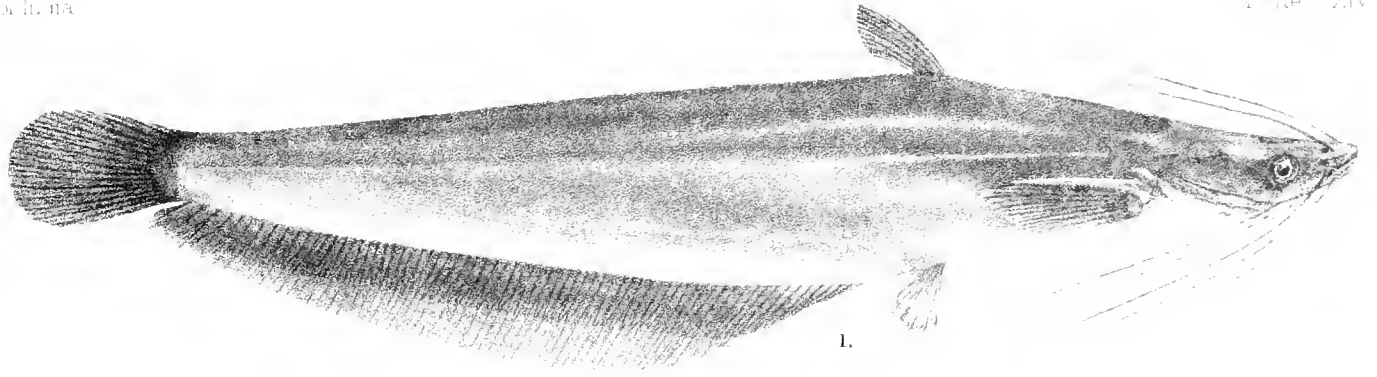
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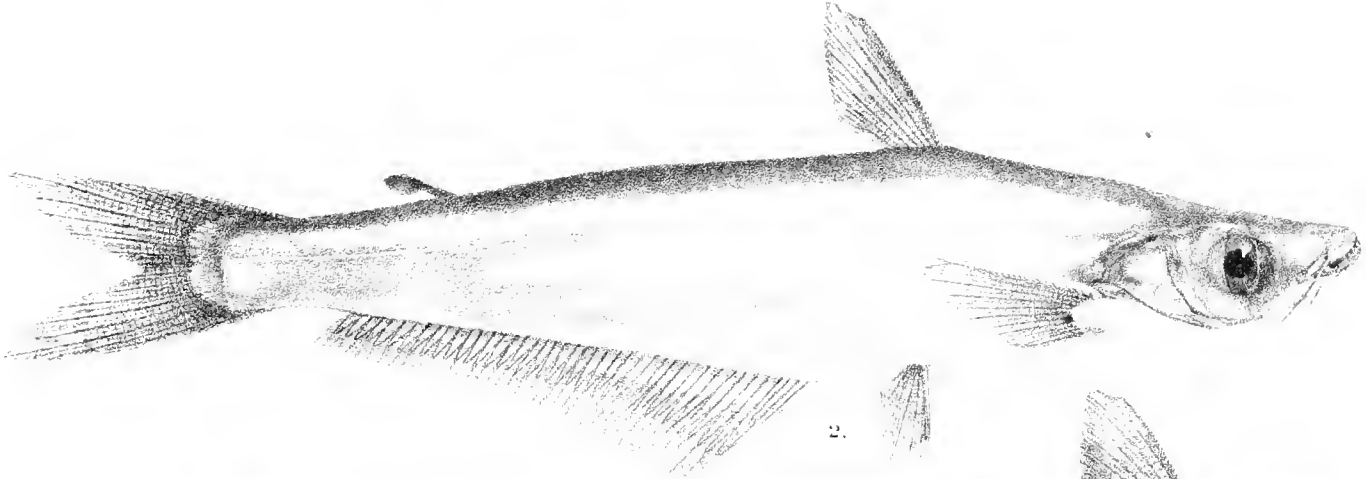
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1, ARIUS MACRONOTACANTHUS    2, SILURUS COCHINCHINENSIS    3, NANGRA BUCHANANI.  
 4, GLYPTOSTERNUM BOTIA    5, G. LONAH

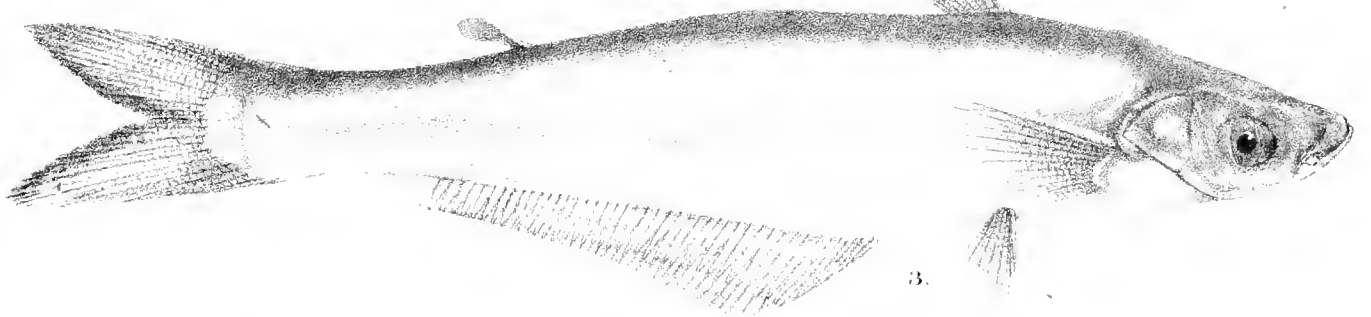
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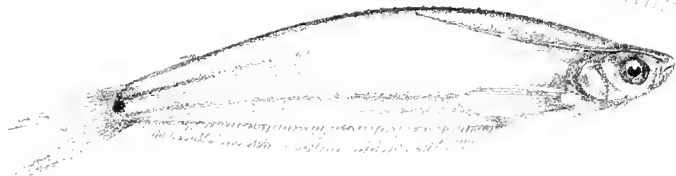
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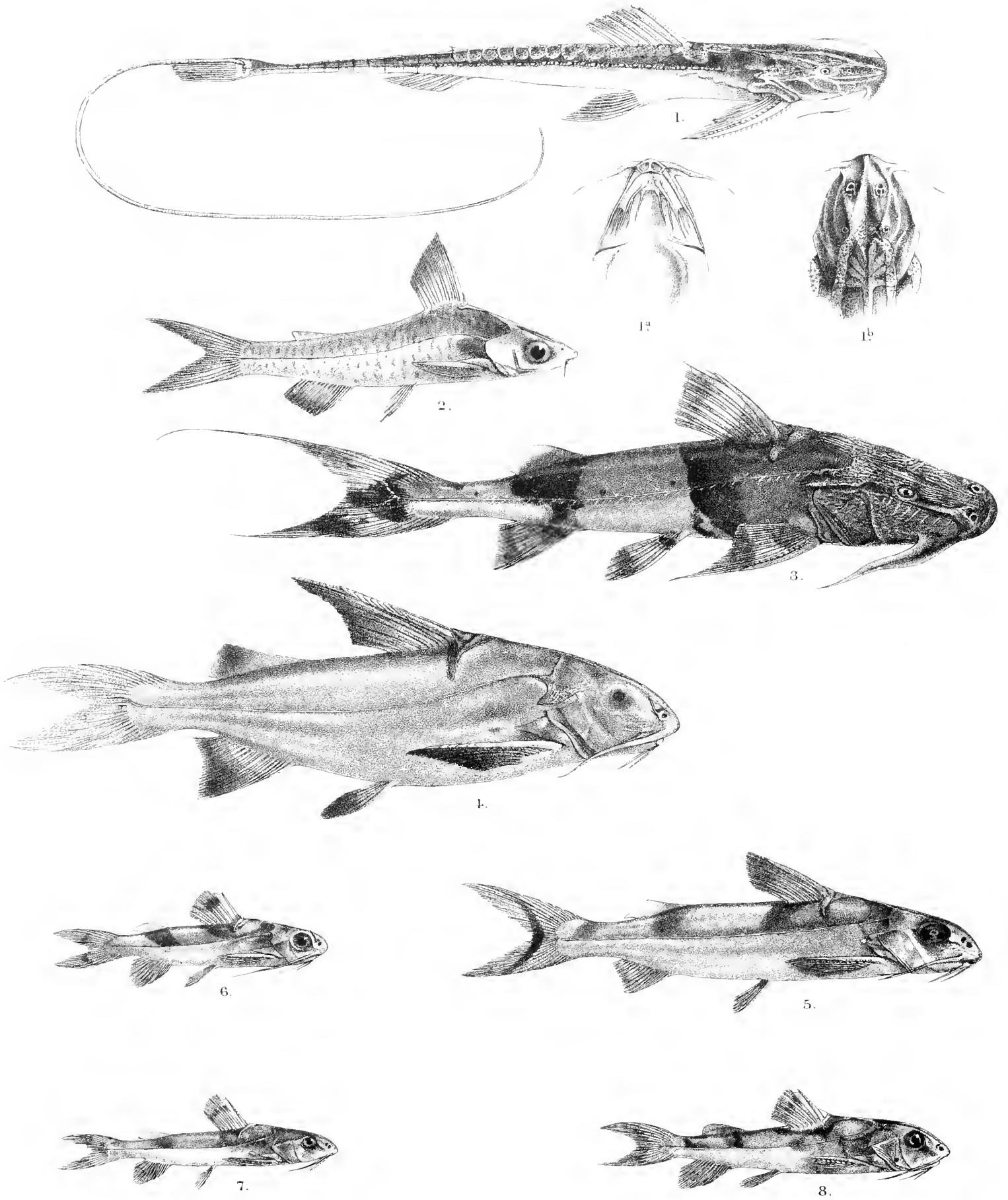
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Mutem. Bosc. amp.

F. Day & S. S. Smith del.

1. SACCOBRANCHIUS FOSSILIS      2. SILURIDIA BYKESII      3. S. GANGETICA      4. AILIA COILA  
 5. AILICHTHYS PUNCTATA      6. EUTROPICHTHYS TACHA

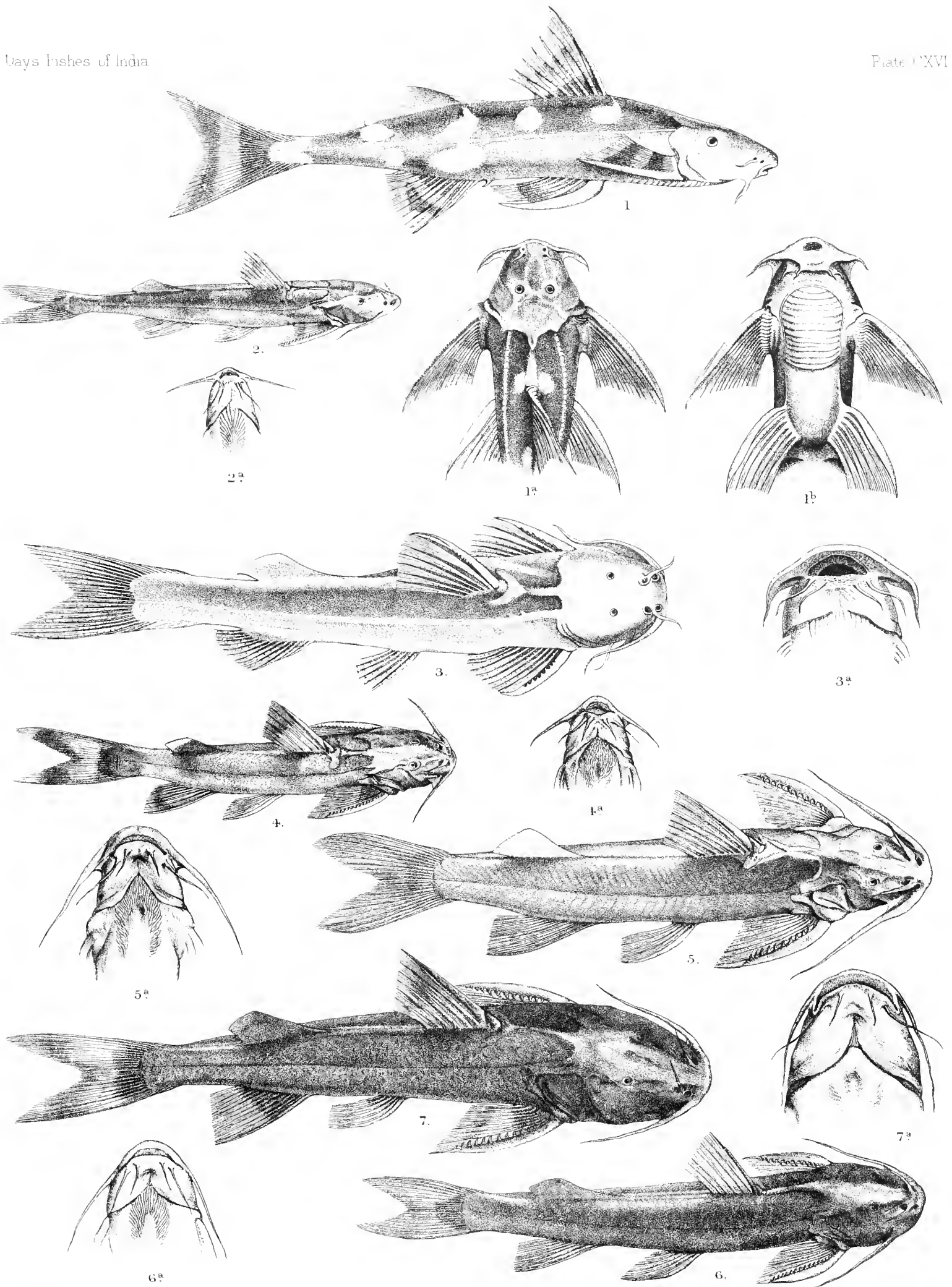




1, Sisor rhabdophorus. 2, Leiocassis rama (2/3) 3, Bagarius yarrellii 4, Gagata cenia (adult)  
 5, G. cenia (young) 6, G. itchkeea. 7, Naugra viridescens 8, N. punctata





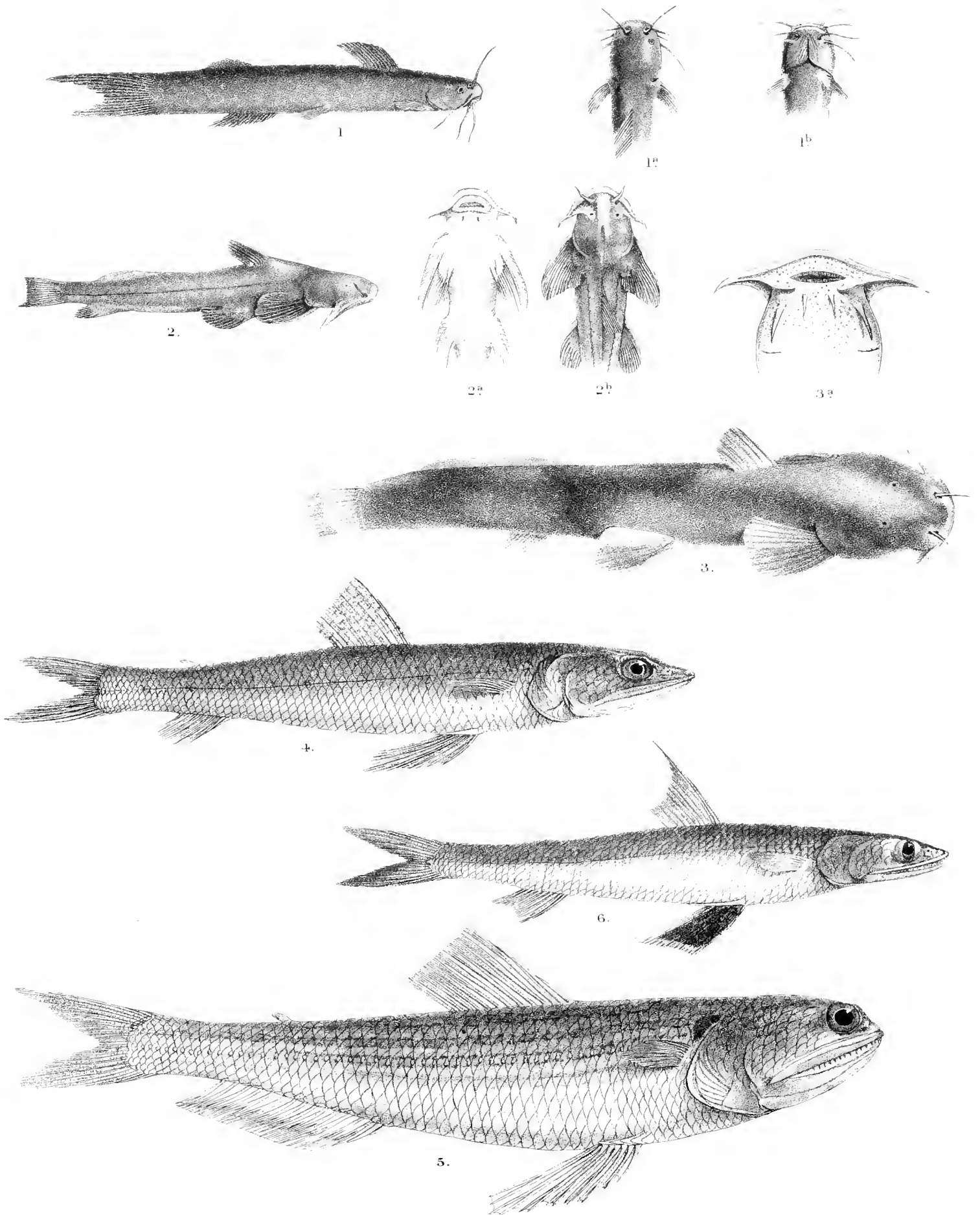


L. Ganeshaiah del.

Museum Bonn imp.

1, PSEUDECHENEIS SULCATUS. 2, GLYPTOSTERNUM TELCHITTA. 3, G. TRILINEATUM 4, G. MADRASPATANUM  
 5, G. CONIROSTRIS 6, G. PECTINOPTERUM 7, EUGLYPTOSTERNUM LINEATUM





F Day del.

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1, AMBLYCEPS MANGOIS

2, EXOSTOMA BLYTHI

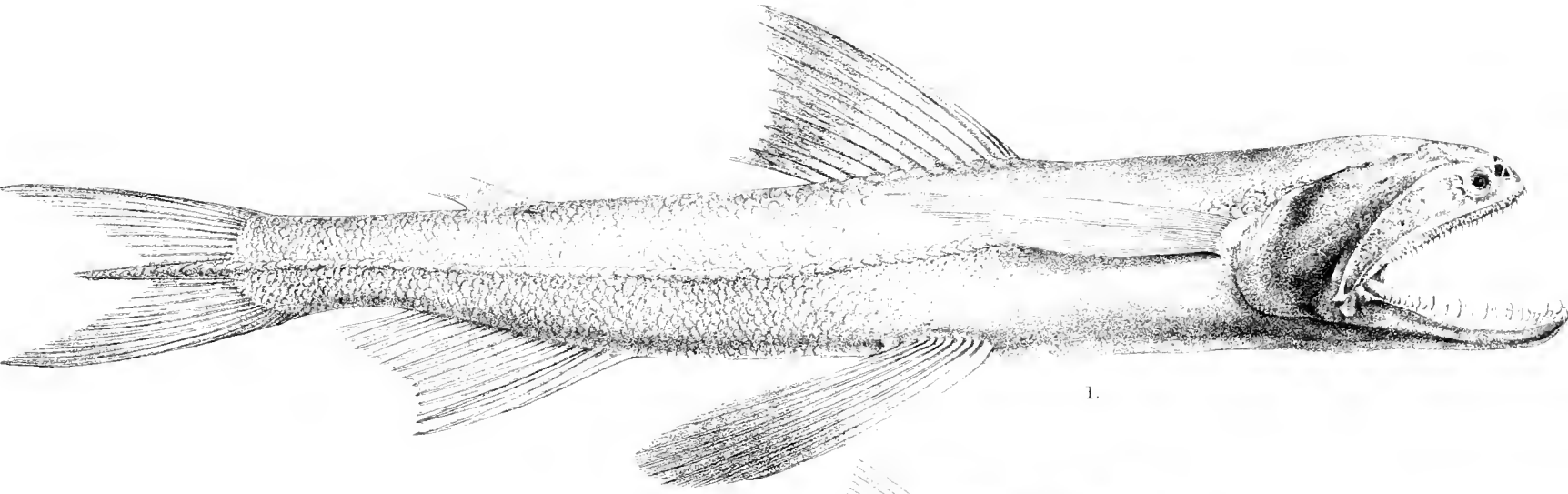
3, E. STOLICZKAE.

4, SAURUS INDICUS.

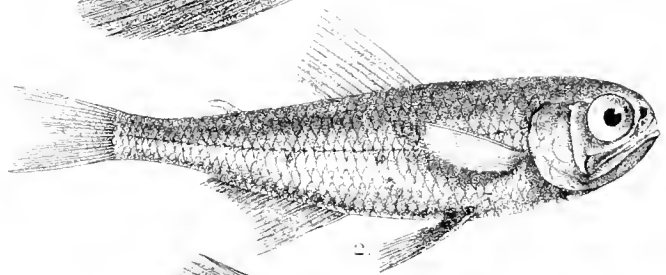
5, S. MYOPS.

6 SAURIDA TUMBIL.

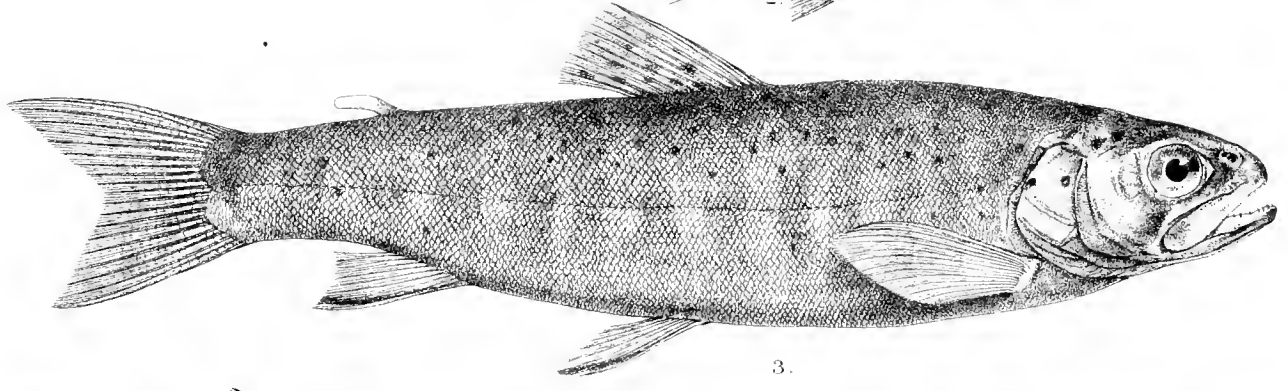
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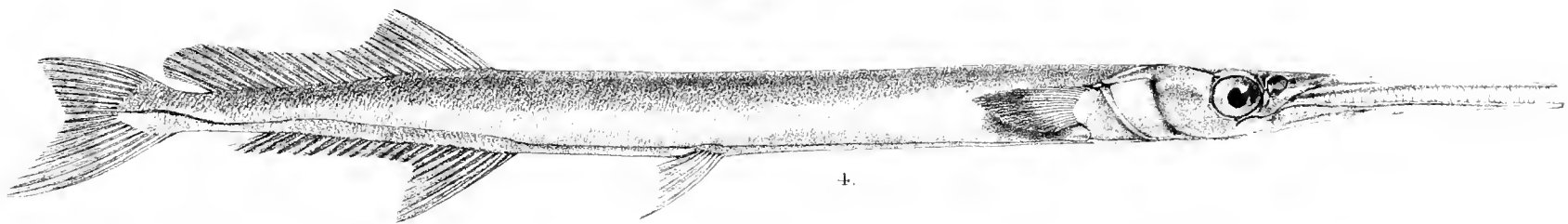
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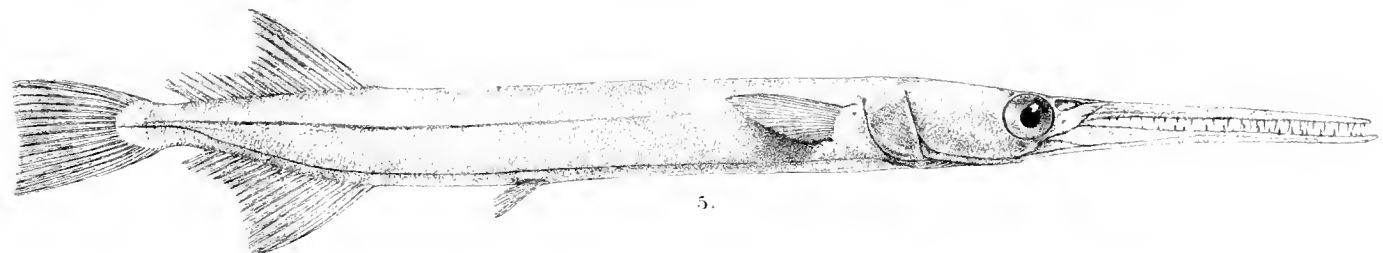
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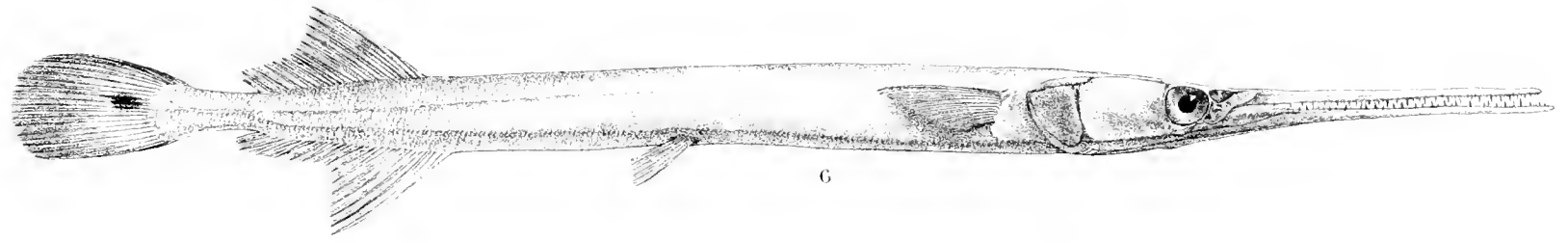
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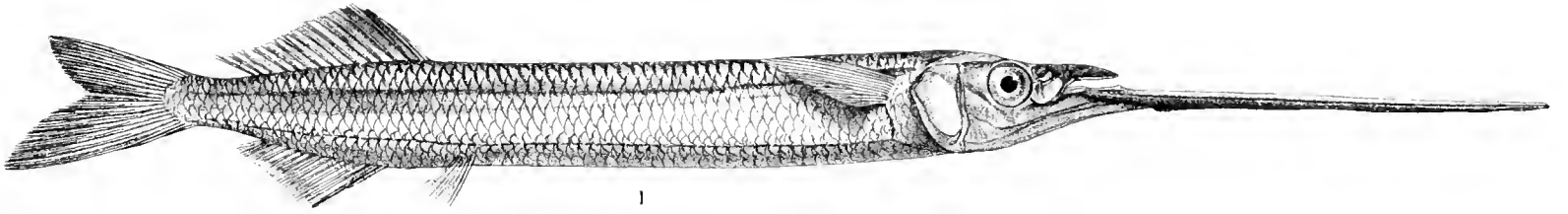


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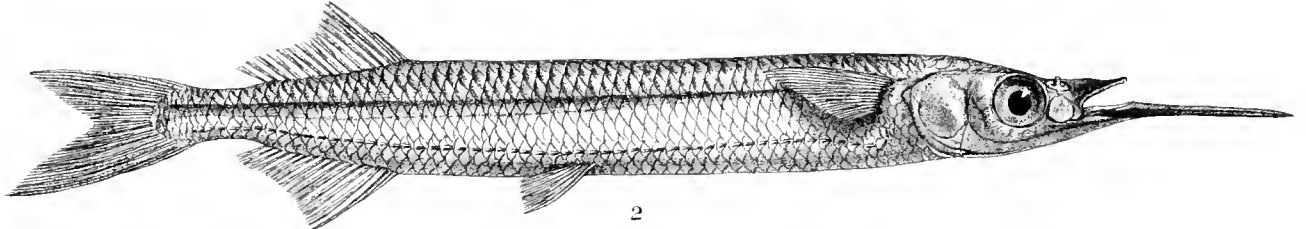


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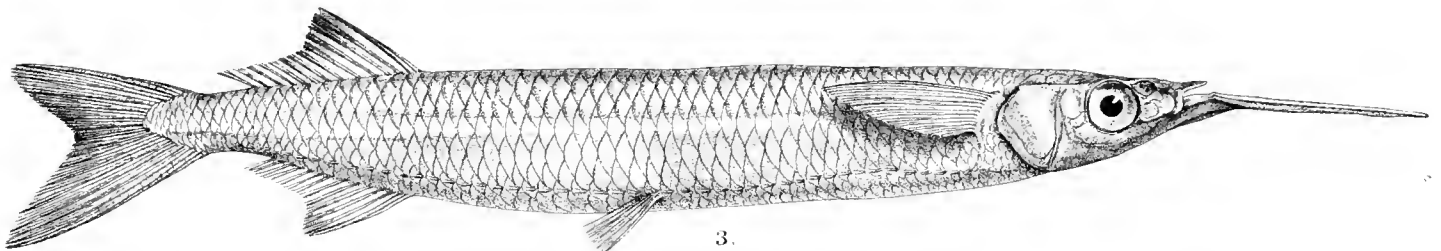




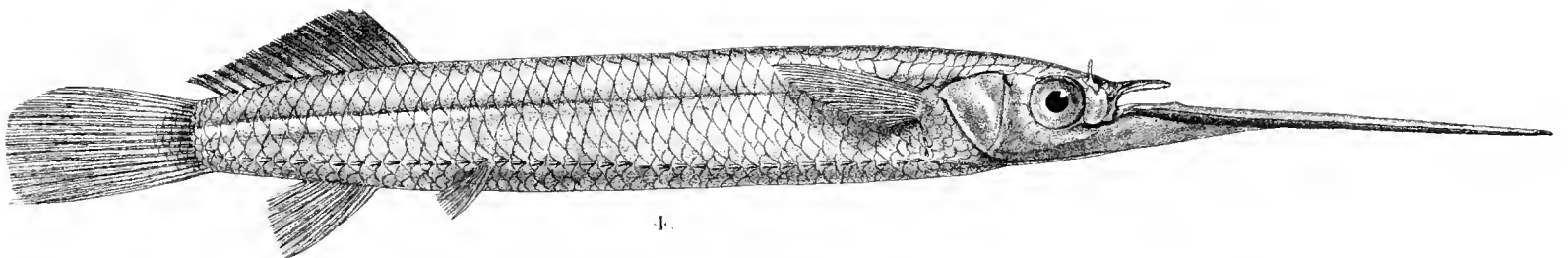
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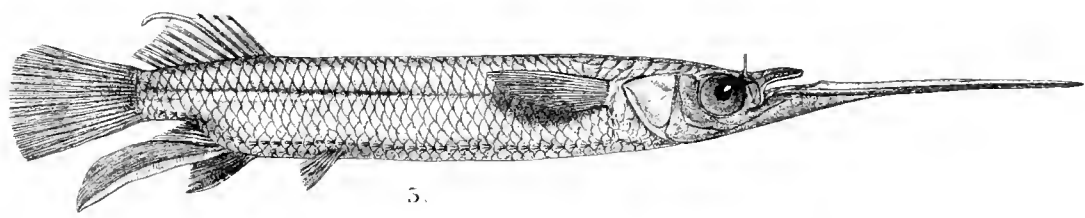
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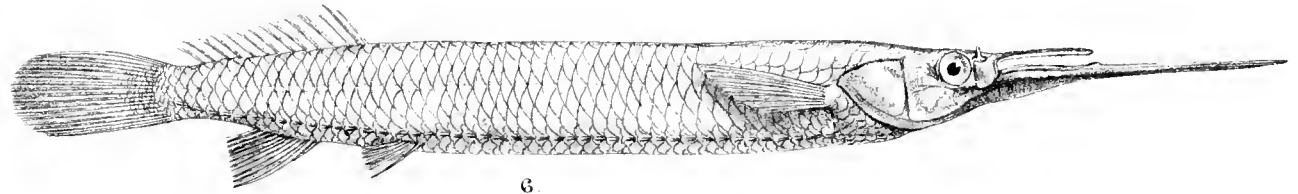
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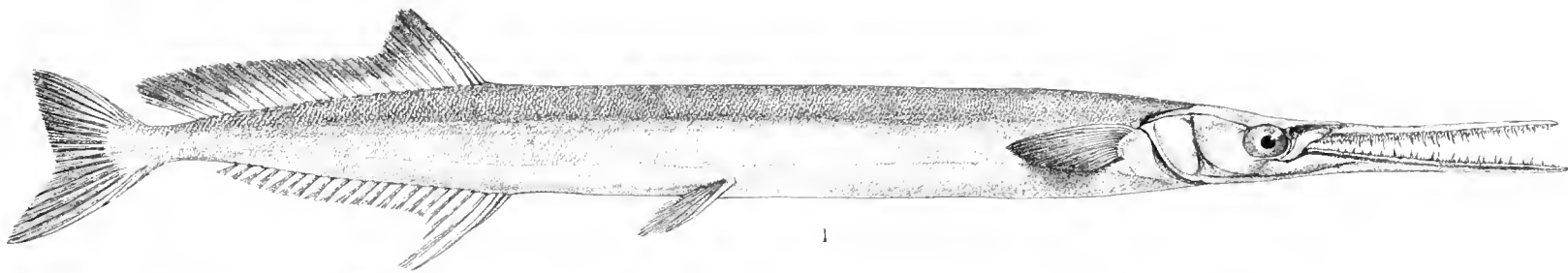


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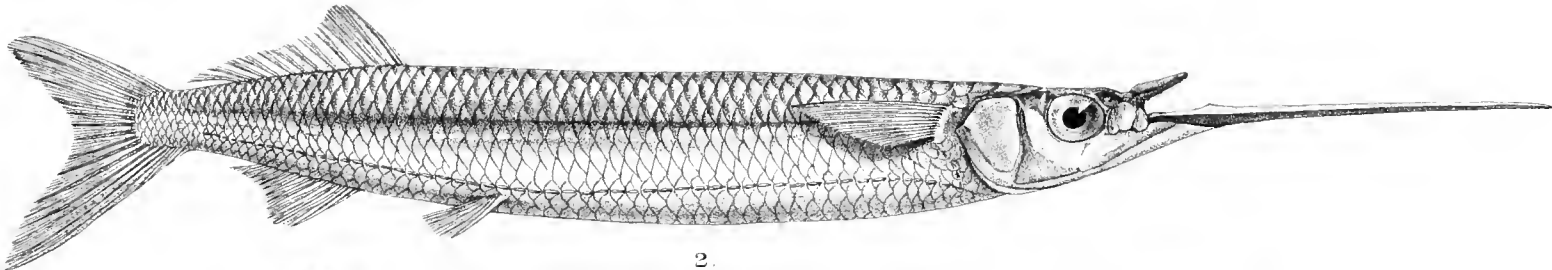
1 HEMIRAMPHUS. CANTORI.      2 H. XANTHOPTERUS      3 H. LIMBATUS.  
 4. H. BUFFONIS      5 H. DISPAR      6. H. ECTUNCTIO.

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CAMBRIDGE MA USA

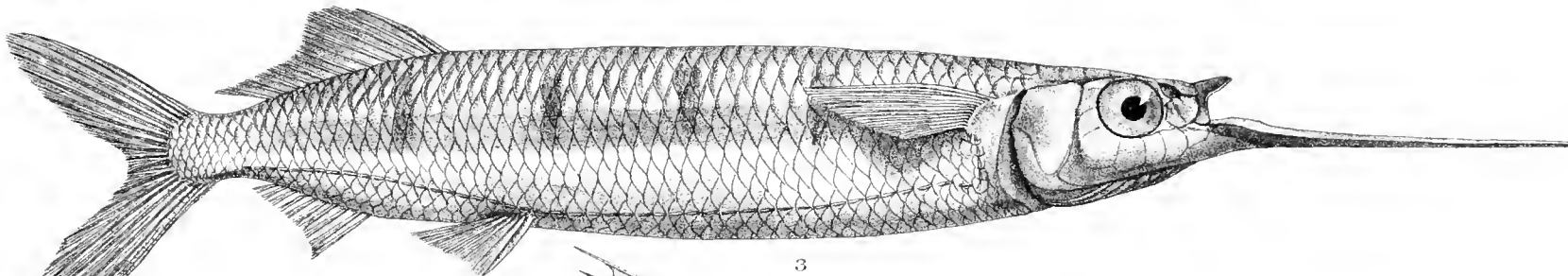




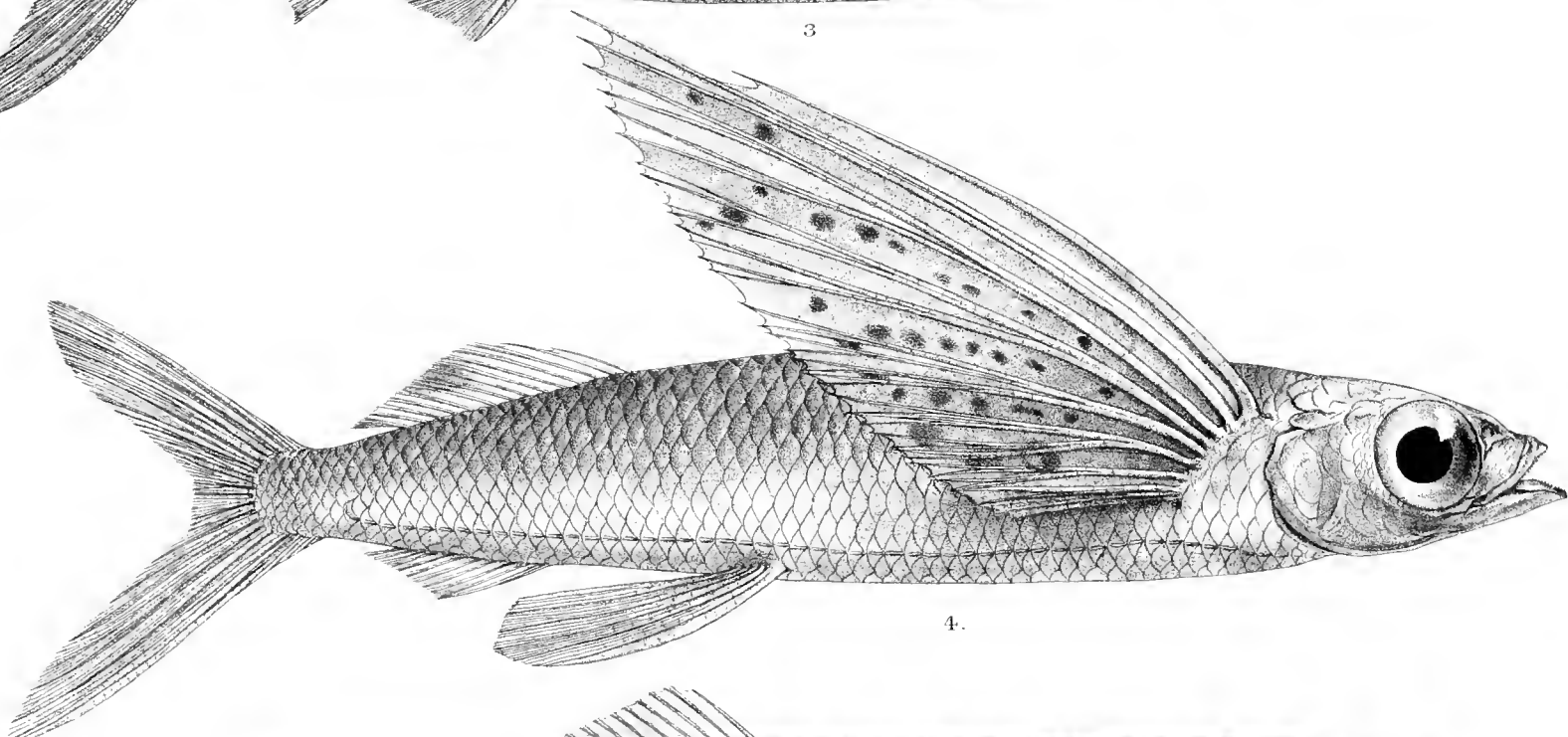
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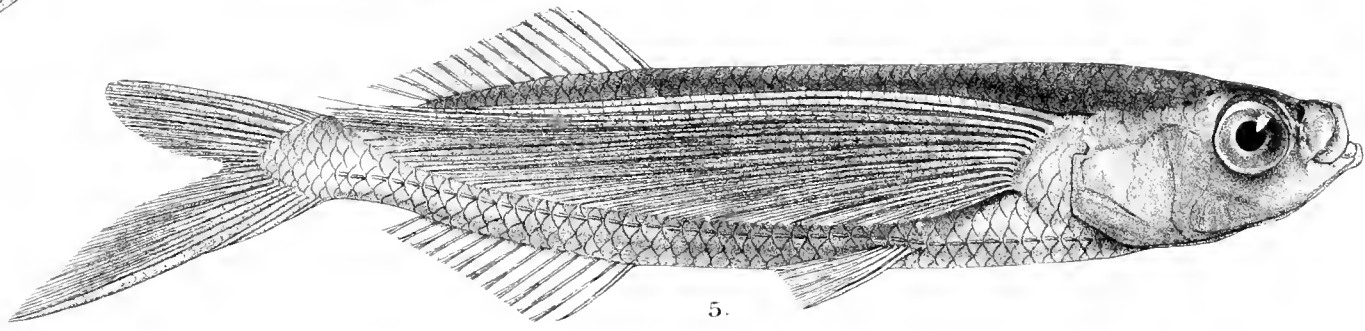
2



3



4



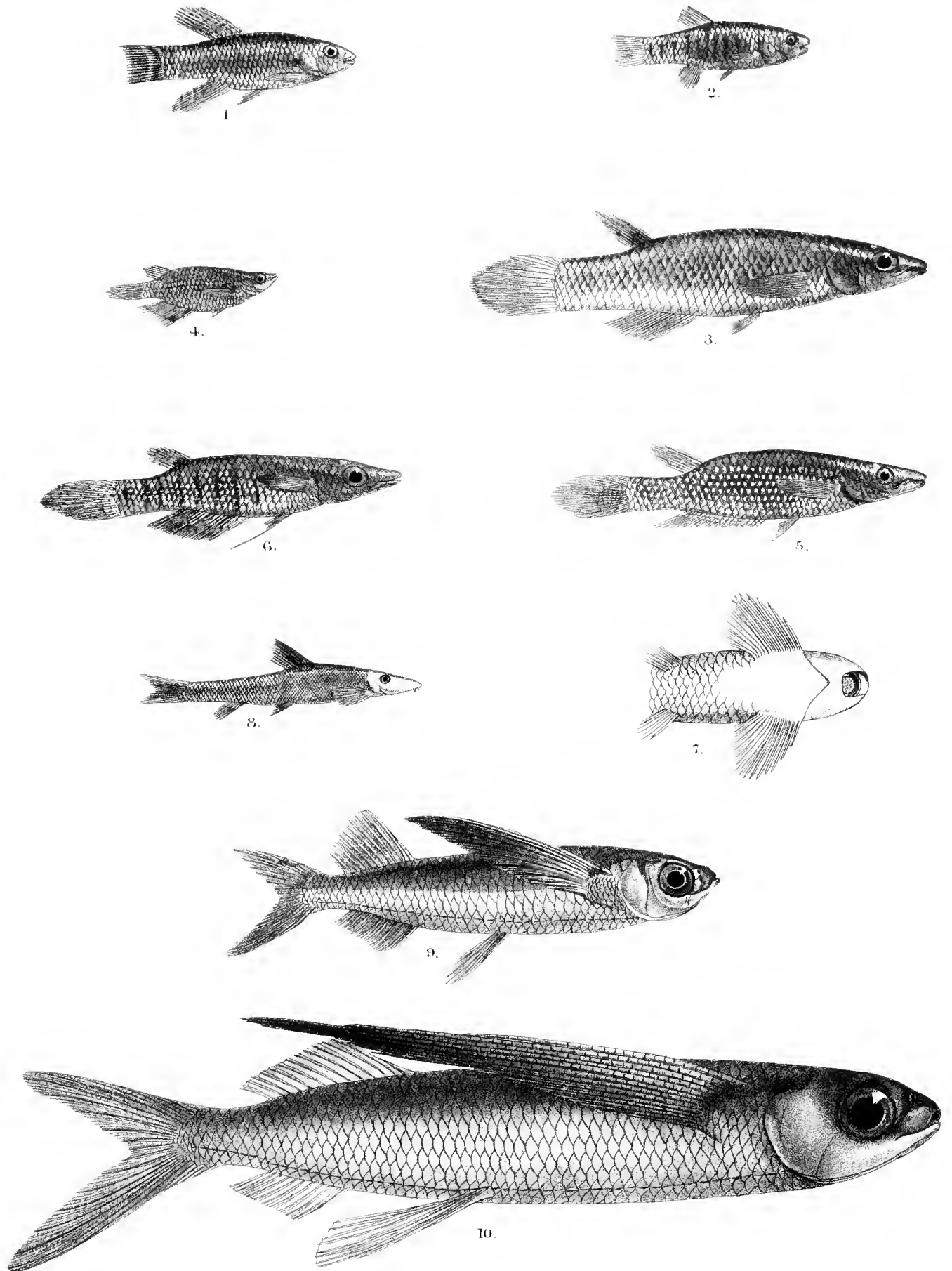
5

R. Mintern del et lith

Mintern Bros imp

1. BELONE. ANNULATA. 2. HEMIRAMPHUS GEORGII. 3. H. FAR  
 4. EXOCÆTUS. PÆGILOPTERUS. 5. E. EVOLANS.



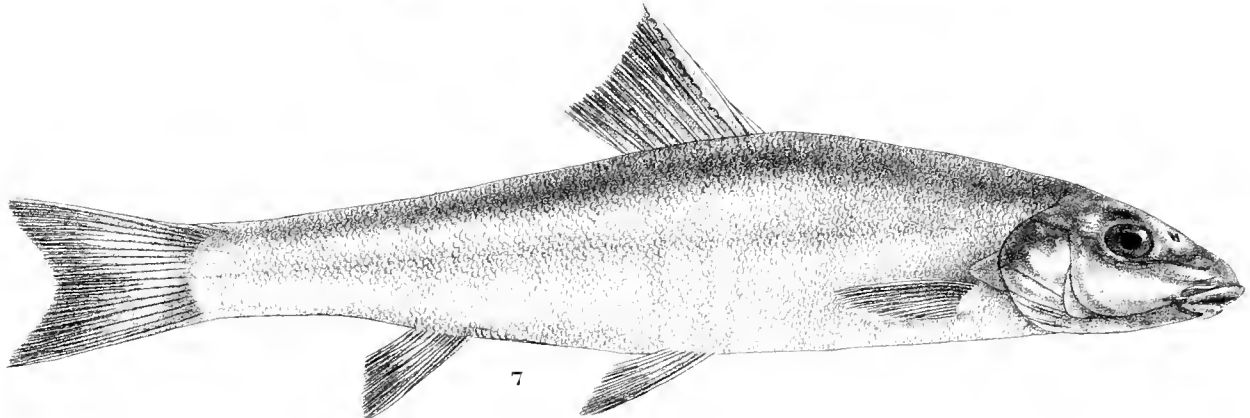
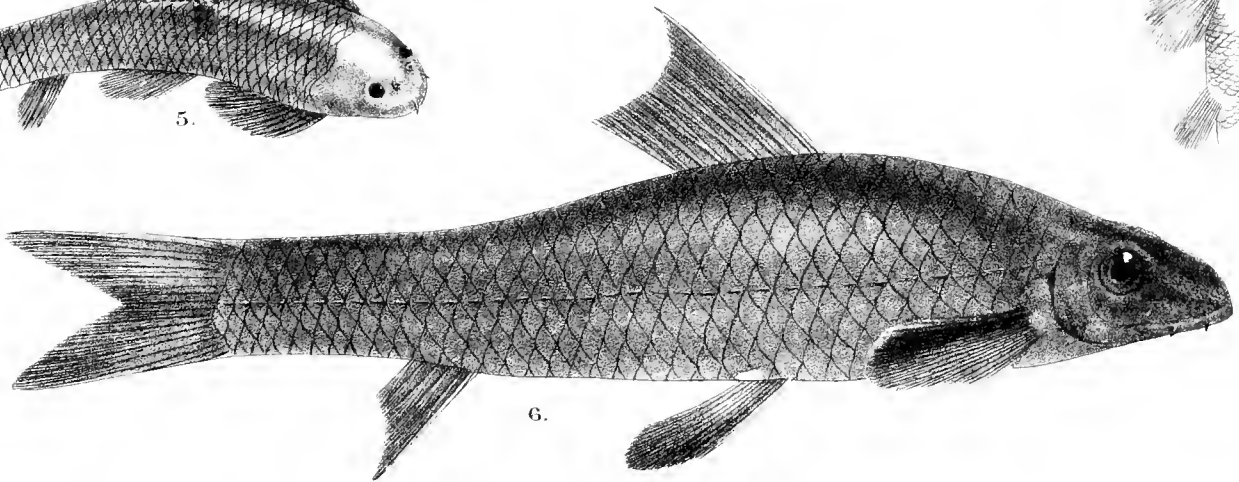
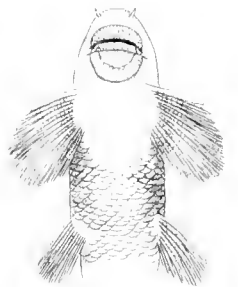
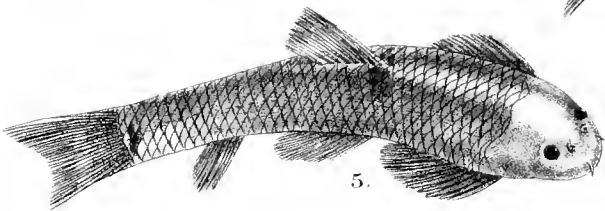
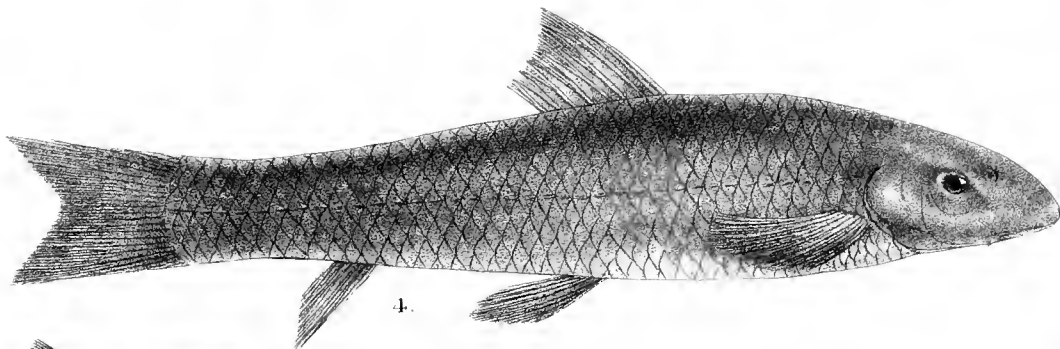
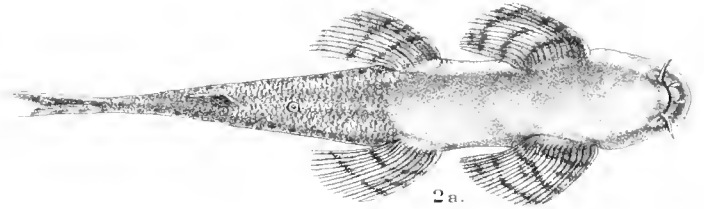
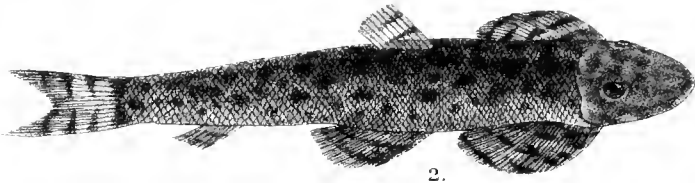
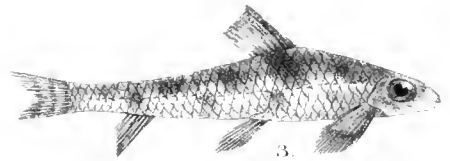
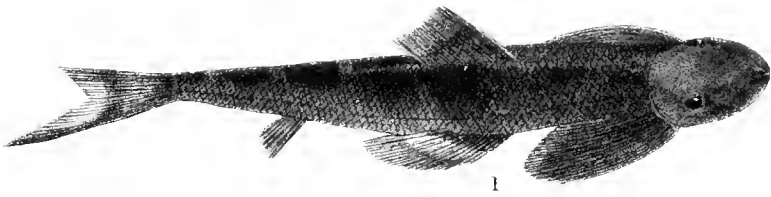


F Day del R Mantern lith

Mantern del R Day

1 & 2, CYPRINODON DISPAR (MALE & FEMALE) 3, HAPLOCHILUS PANCHAX 4, H MELASTIGMA  
 5, H RUBROSTIGMA 6, H LINEATUM 7, PSILORHYNCHUS BALITORA 8, HOMALOPTERA BILINEATA  
 9, EXOCÆTUS MENTO 10, E BAHIENSIS.



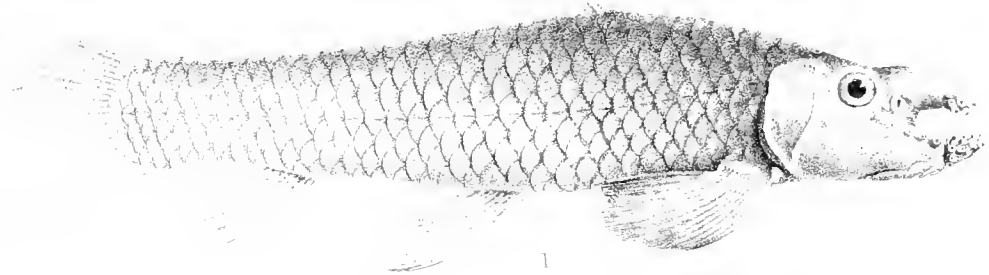


F Day del R Muntern lith

Muntern Br. imp.

1, HOMALOPTERA BRUCEI. 2, H MACULATA 3, PSILORHYNCHUS BALITORA 4, DISCOGNATHUS LAMTA  
5, D MODESTUS 6, D JERDONI 7, SCHIZOTHORAX PROGASTUS

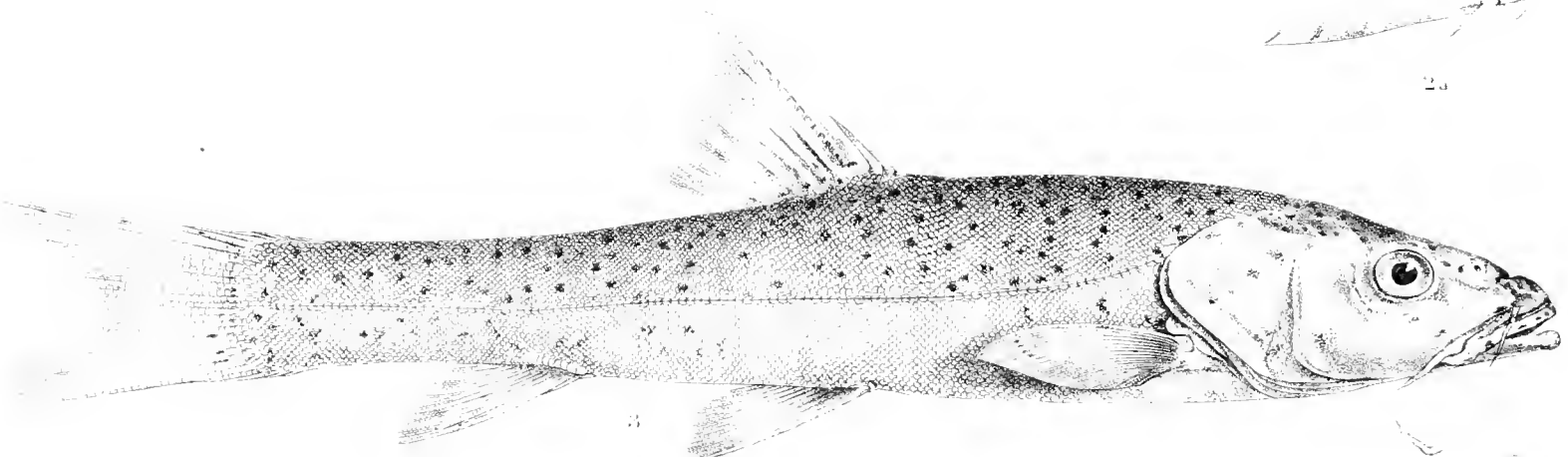
PRINTED IN THE  
UNITED STATES OF AMERICA



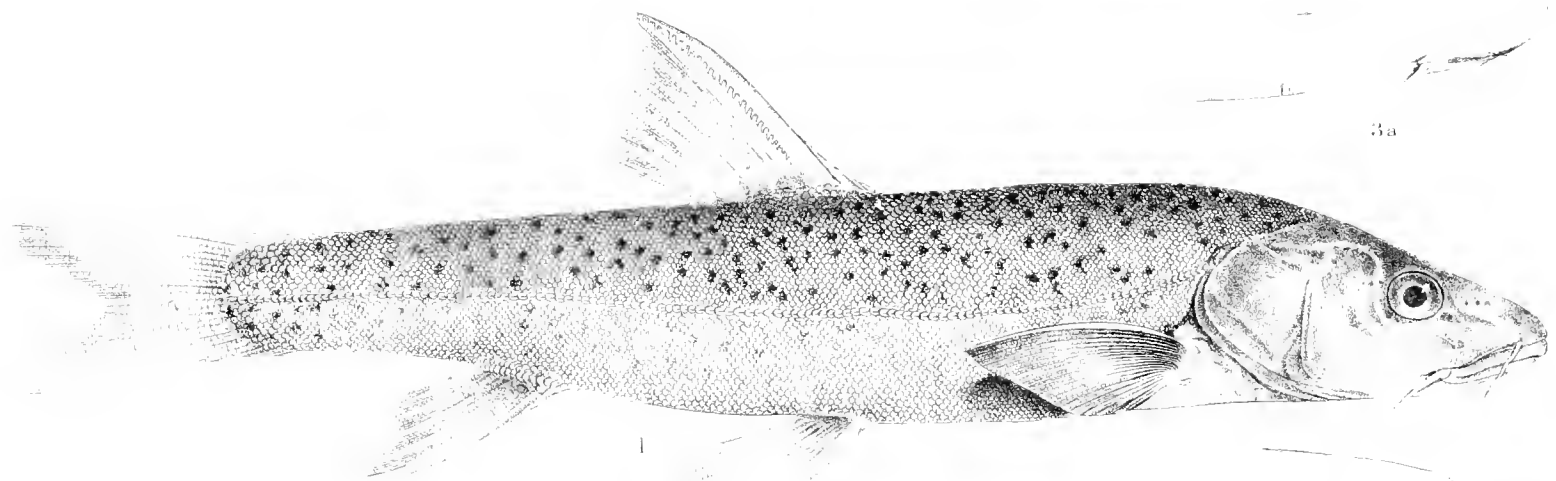
1a



2a



3a



4a

A. S. REED

1 DISCOGNATHUS LAMTA

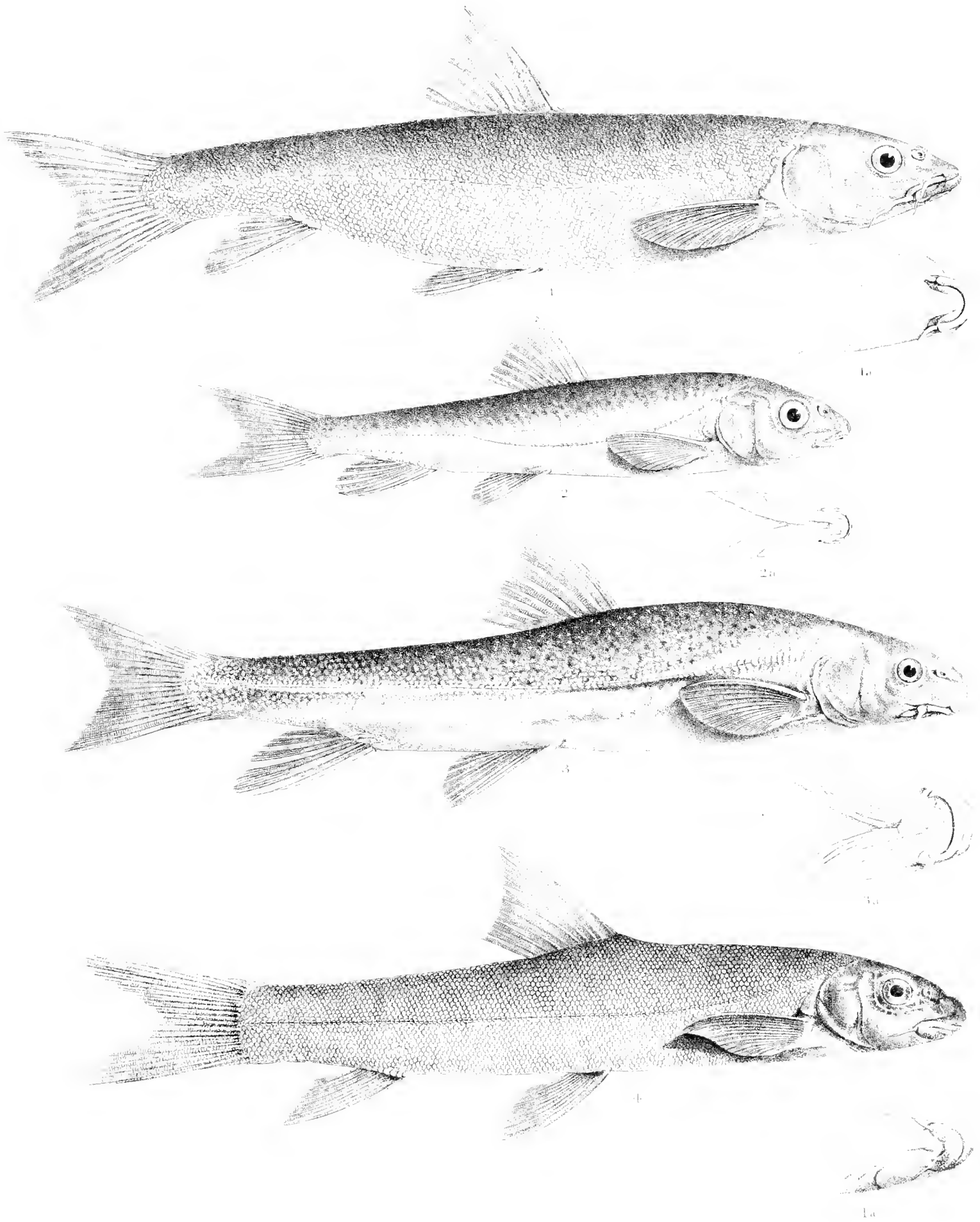
2 DORR'S THREAX, CHRYSOCHLOPUS

3 PUNCTATUS

4 S. ESCOINUS.







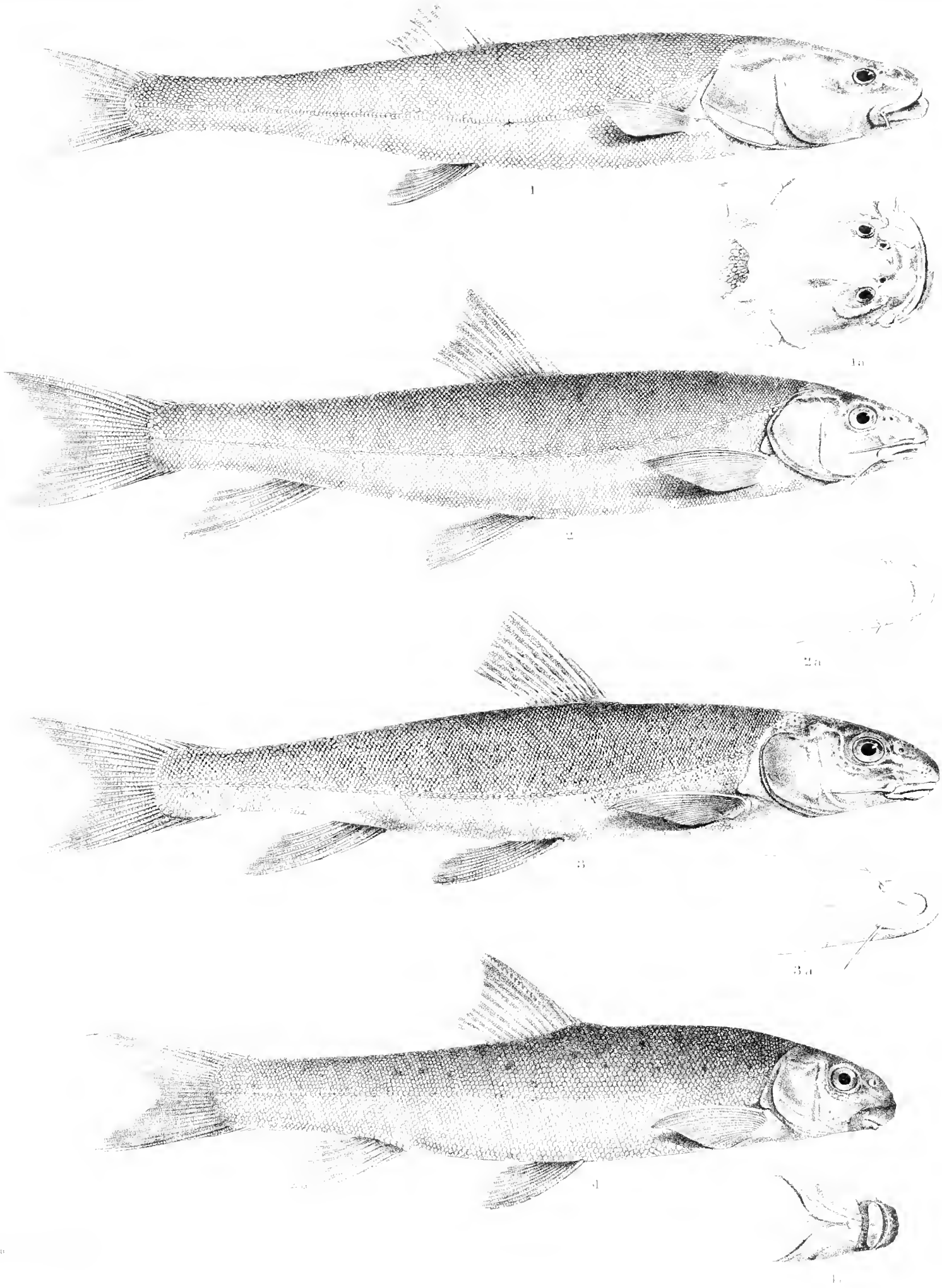
Arbuthnot

1. *CHANNAS* AZIHI MERRILL

2. *SCYTOPOCIS STOLICZKA*  
3. *OPHEIDIS SINUATUS*

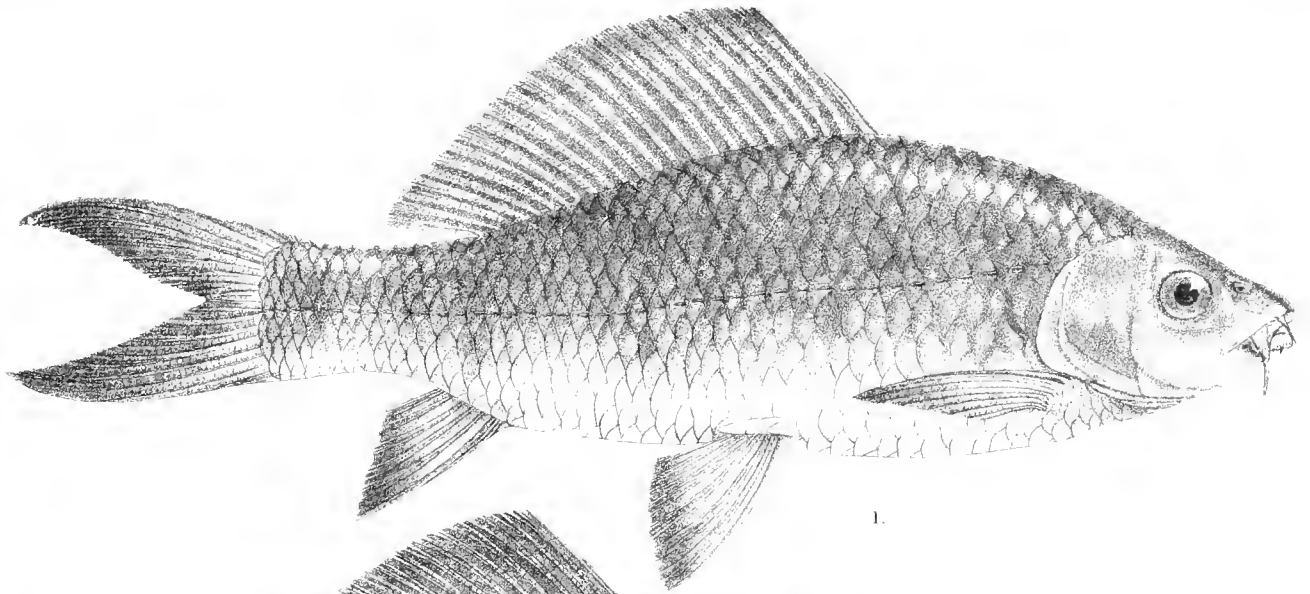
4. *DIPLODONTOMUS*



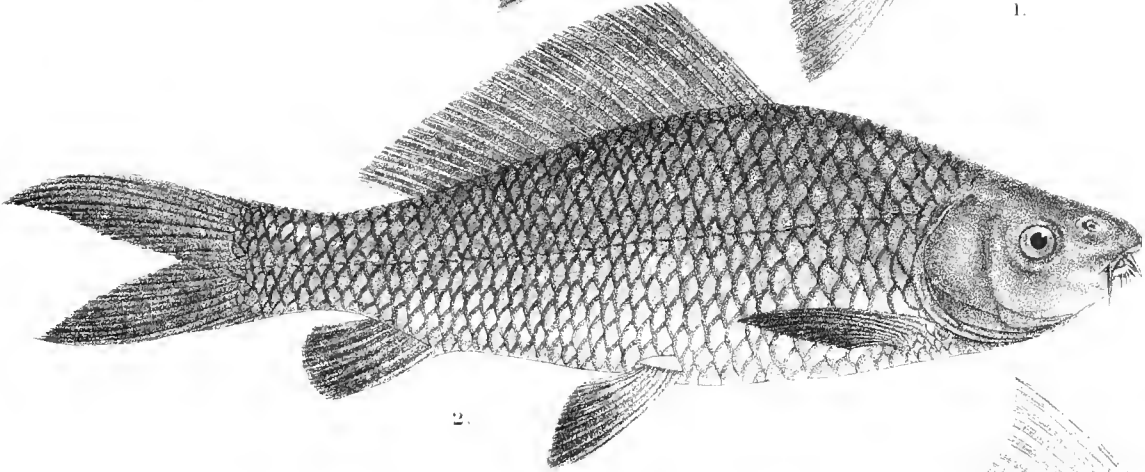


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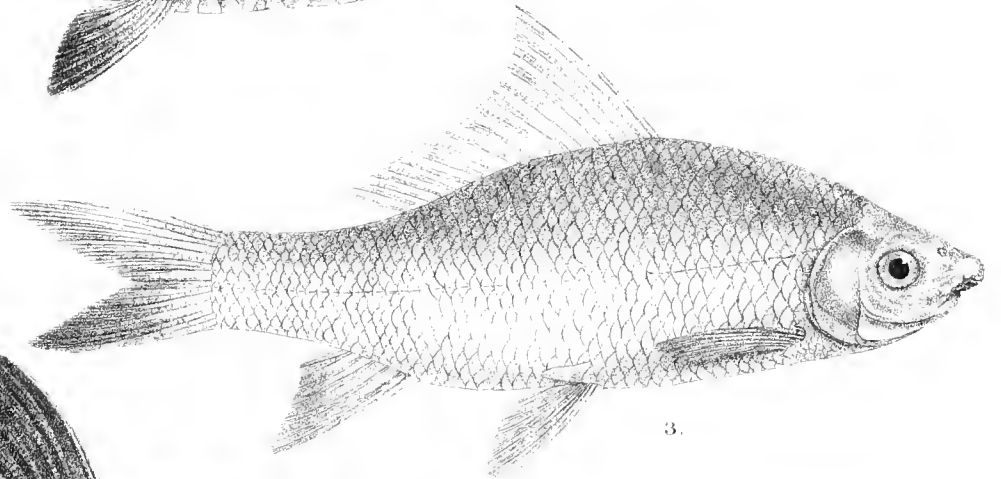




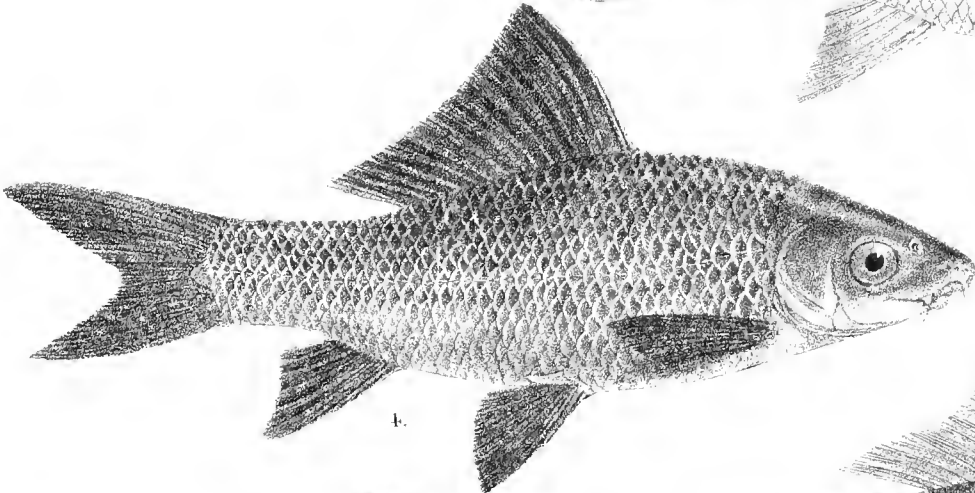
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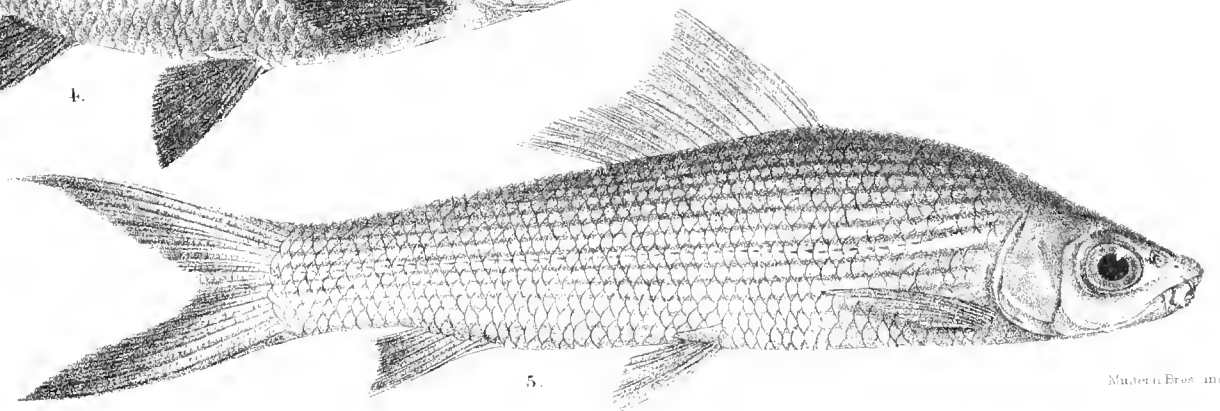
2.



3.



4.



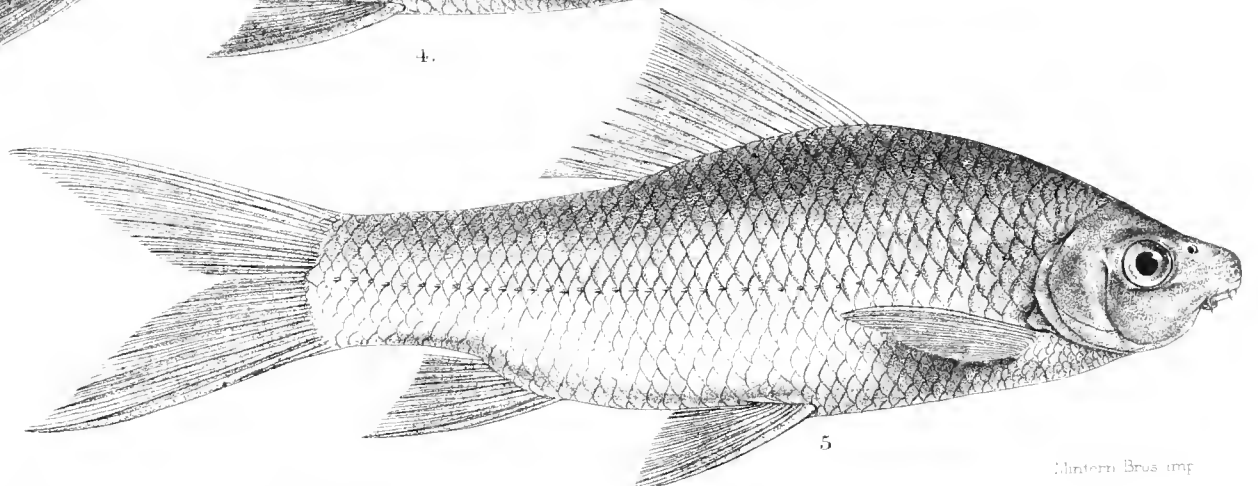
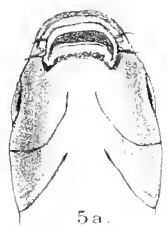
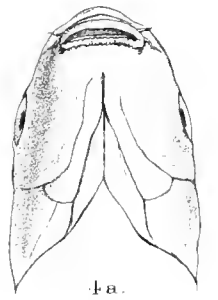
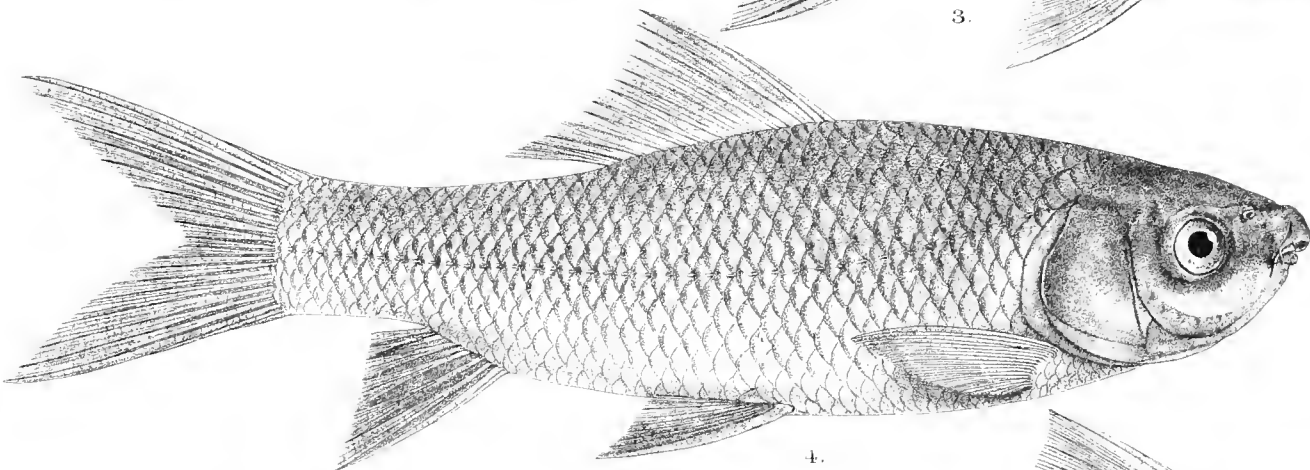
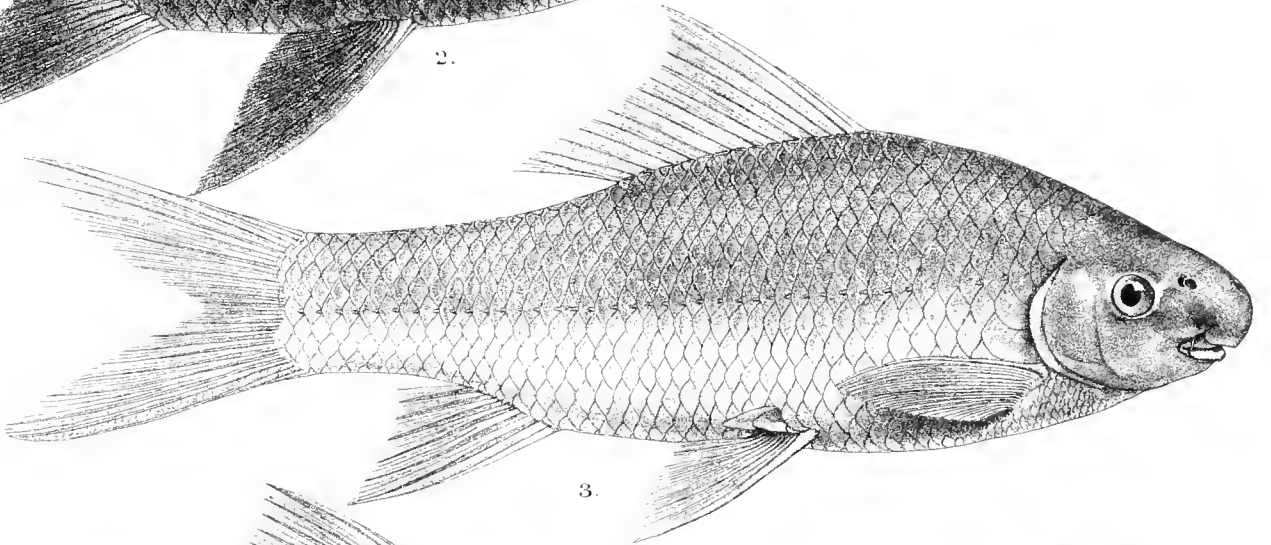
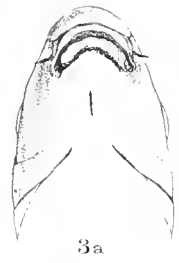
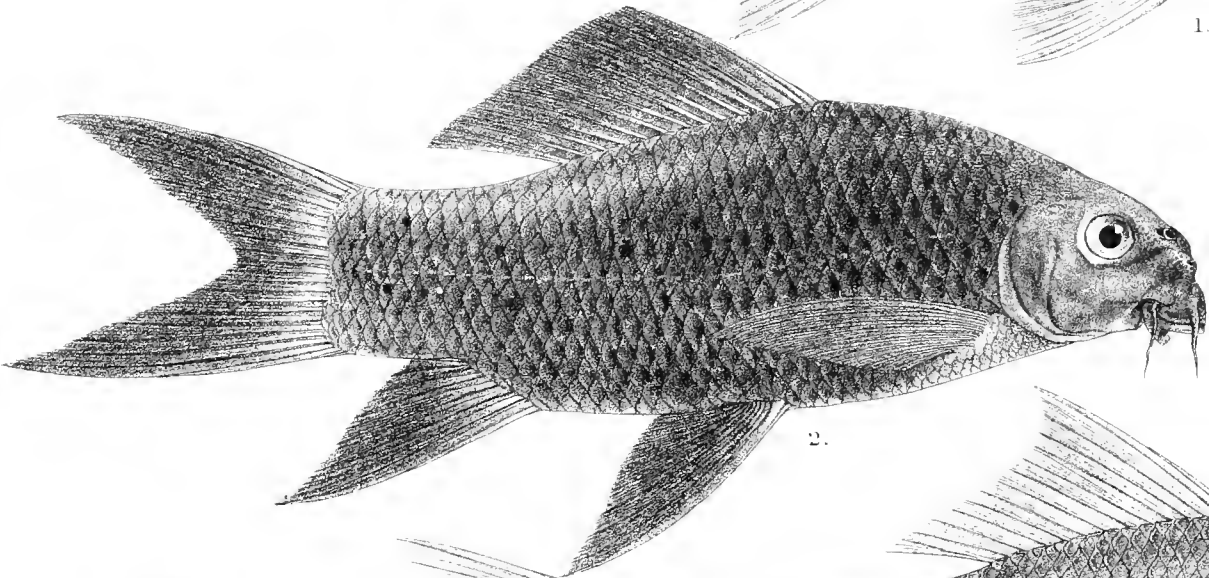
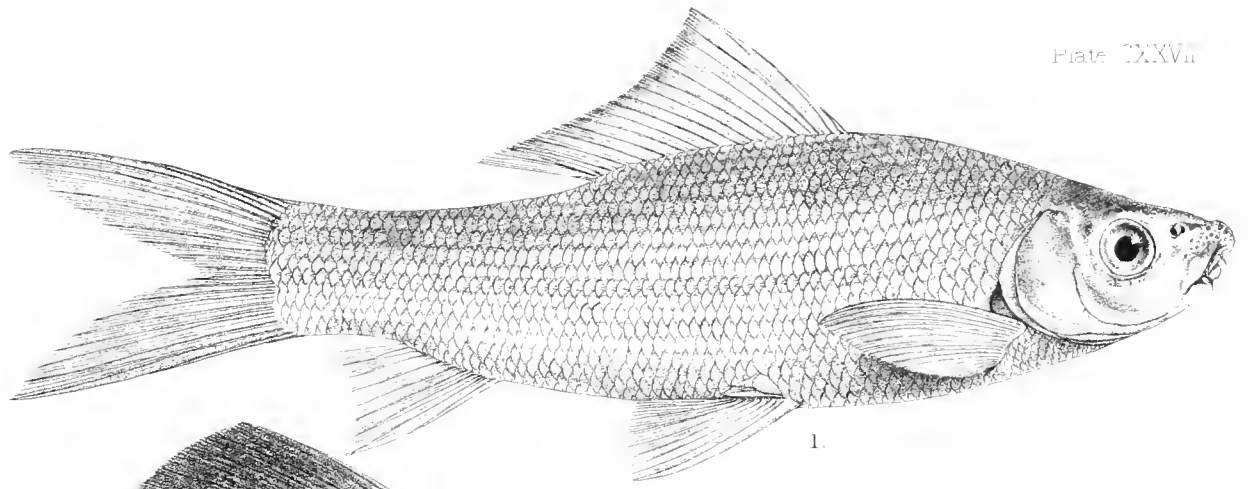
5.

F. Day del. J. Munro lith.

Mudera Bras. ma

1 LABEO NANDINA      2 L. MACRONOTUS      3 L. FIMBRIATUS      4 L. CALBASU  
 5 L. DUSSUMIERI





L. Cricheast.

Minton Brus imp

1, LABEO GONIUS

2, LABEO NIGRESCENS

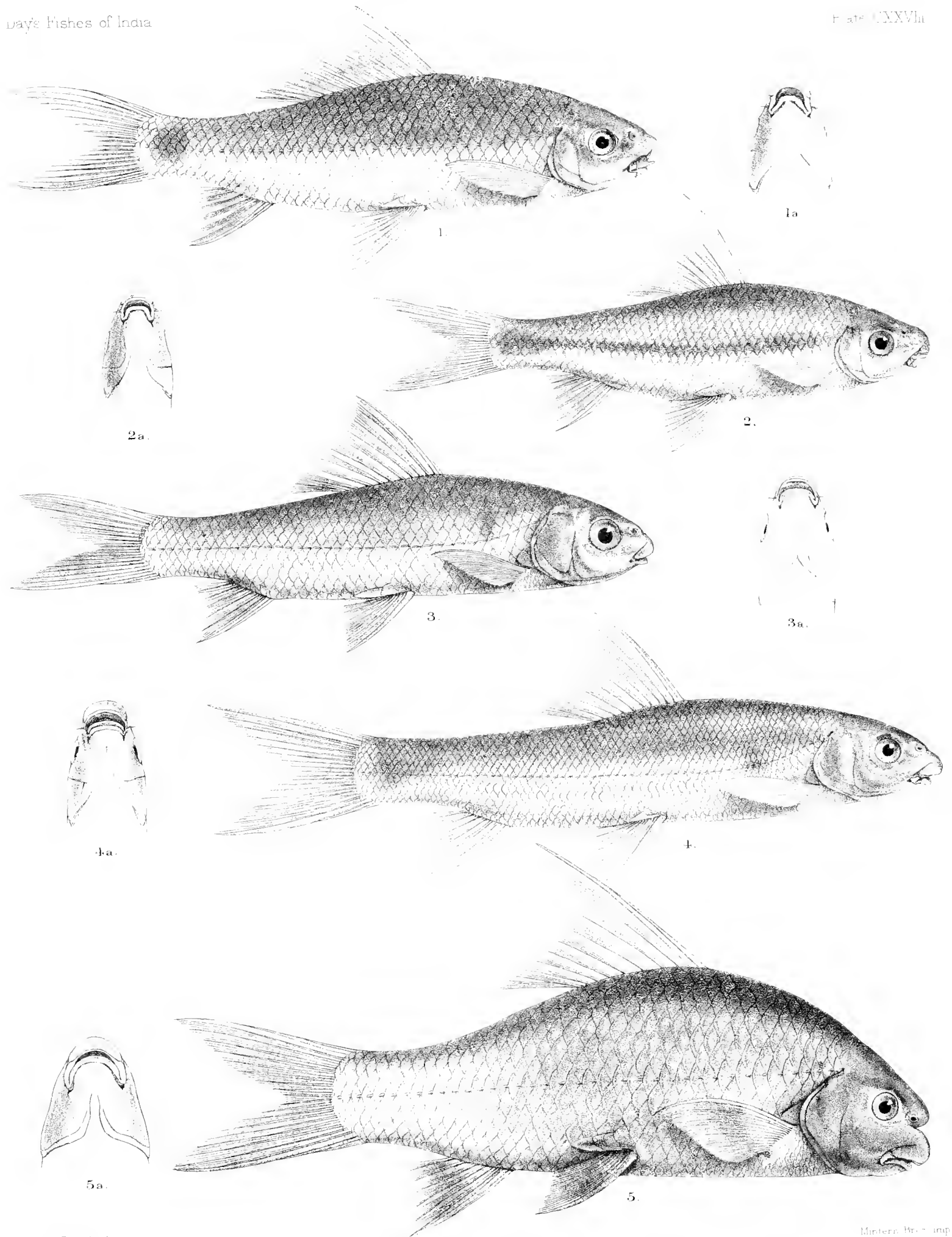
3, LABEO POTAILI

4, LABEO ROHITA

5, LABEO KOTTIUS





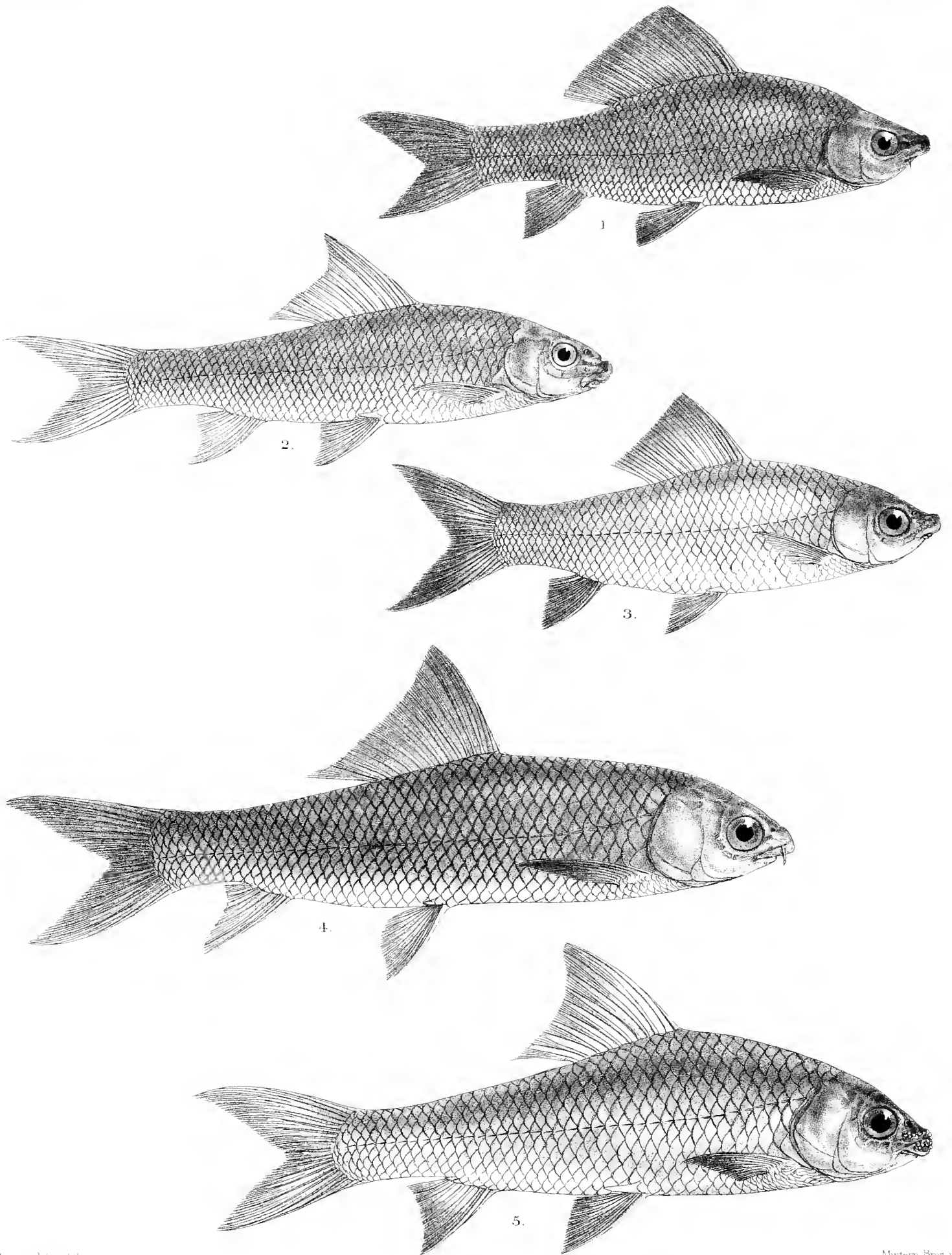


C. L. Griesbach

Mintern. Br. & amp

1, LABEO PORCELLUS 2, LANGRA 3, L BOGA 4, L BOGGUT. 5, L NUKIA



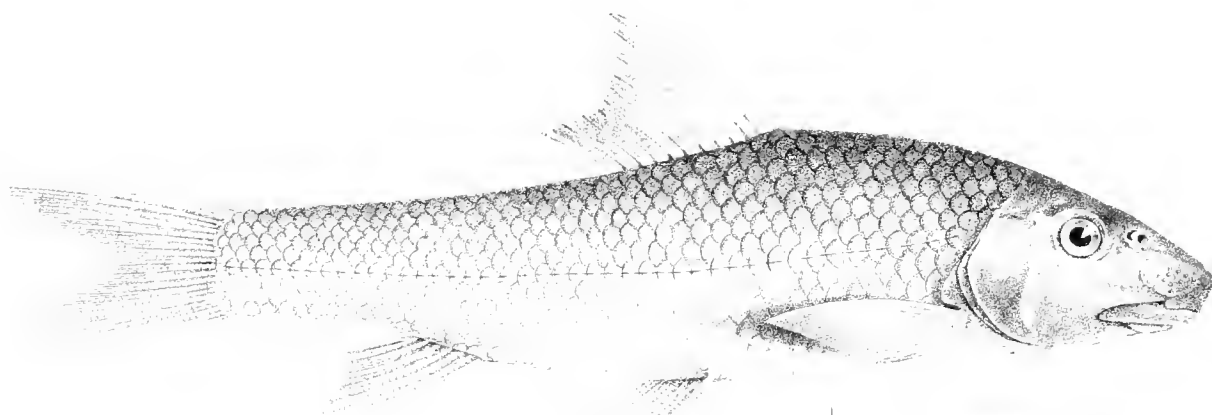


R. Minton del et lith.

Minton Bros imp.

1, OSTEOCHILUS CHALYBEATUS. 2, LABEO DIPLOSTOMUS. 3, L. CÆRULEUS. 4, CIRRHINA MRIGALA.  
5, LABEO BATA

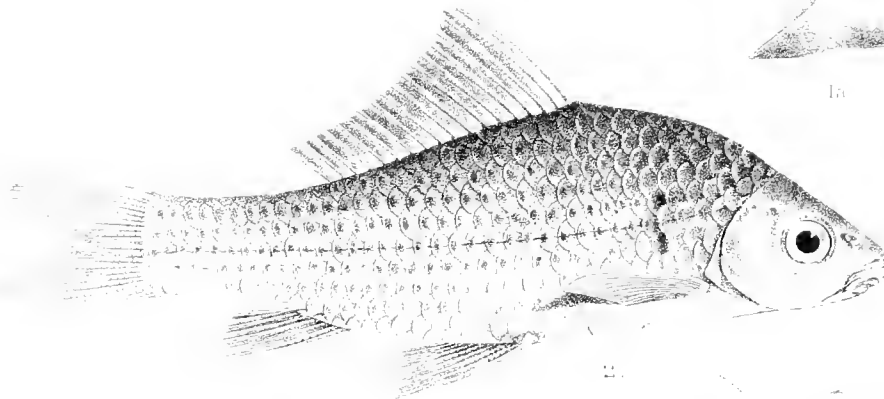




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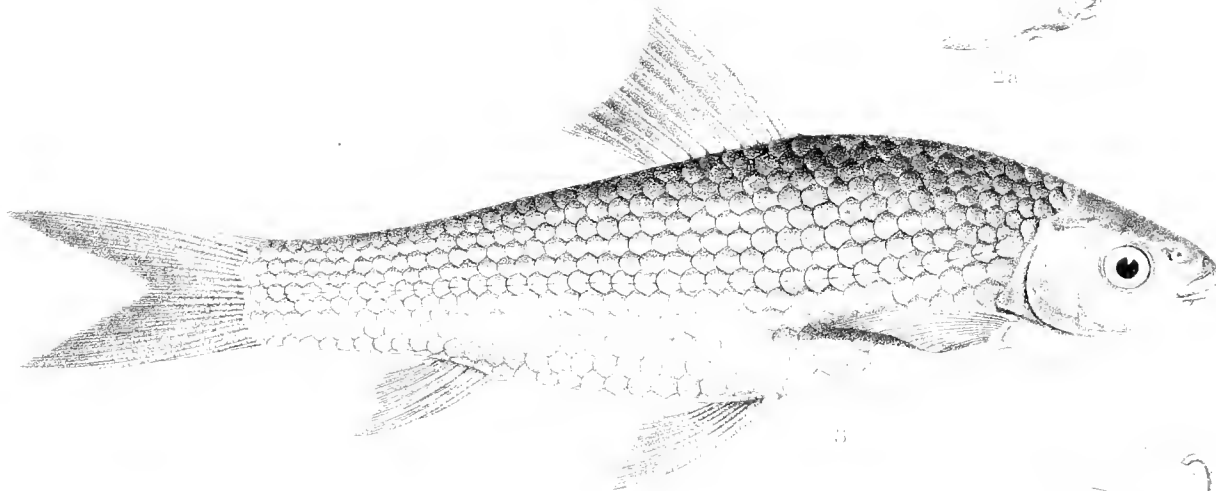
1a



2



2a



3



3a



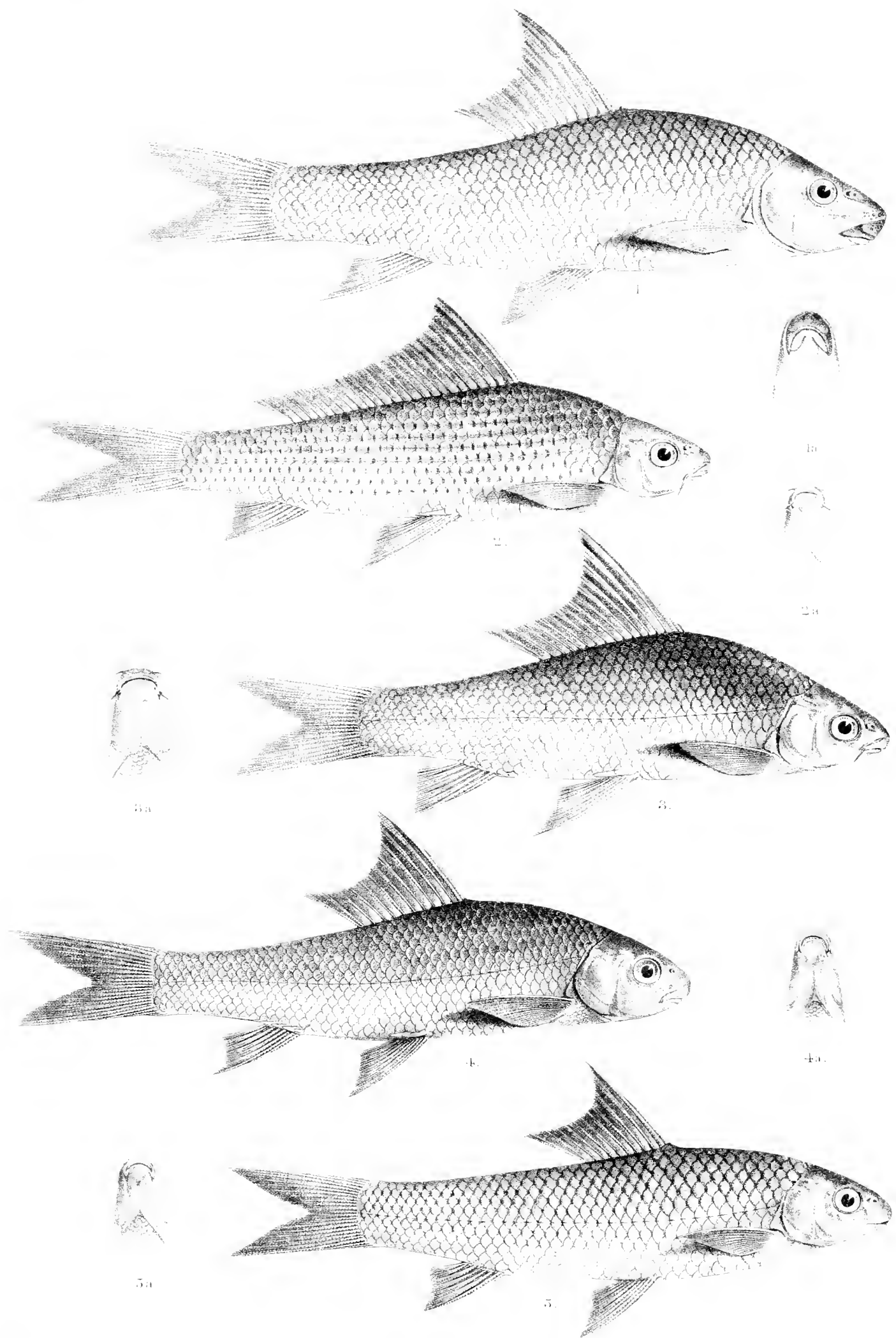
4



4a

1 LABEO TYOCHEILUS 2 CYPLOCHEILUS DEHLLI 3 CIRRHINA PEBA 4 C. LATIA

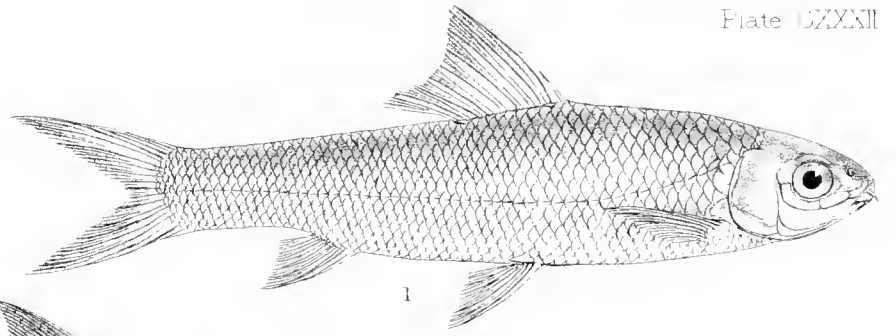
1000  
1000  
1000



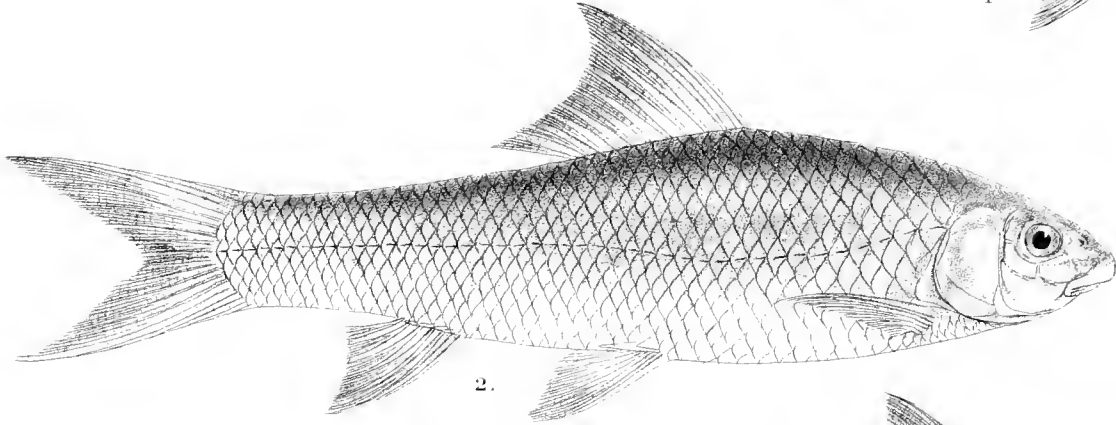
1. LABEO PANGUSIA.      2. DANGILA BURMANICA      3. CIRRHINA TERIOSA  
 4. LABEO BOGA      5. LKAWPUS



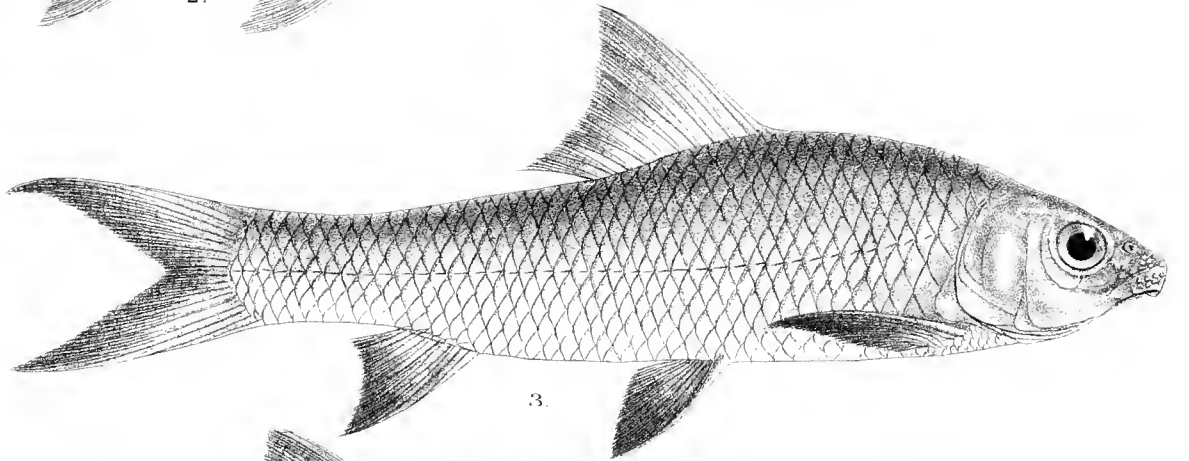




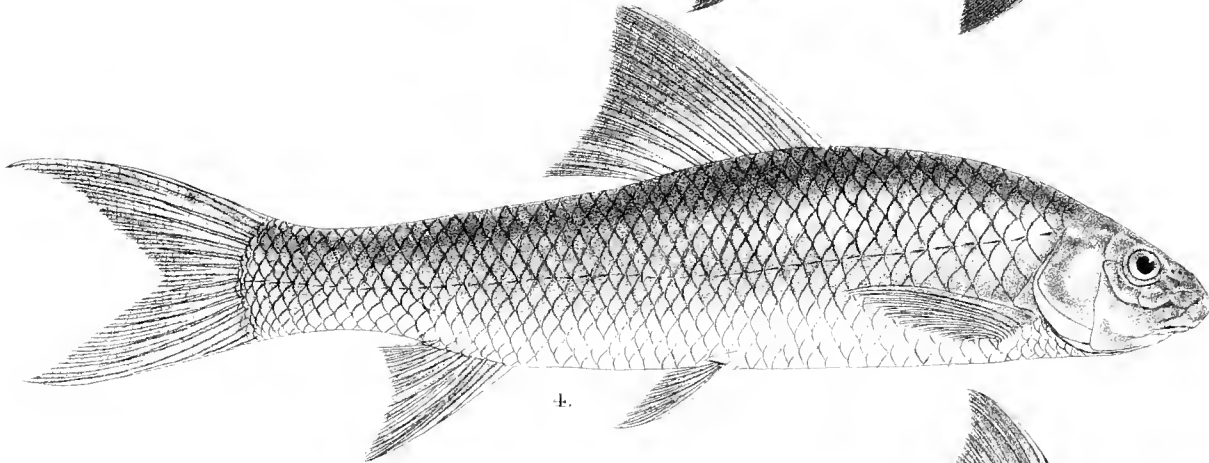
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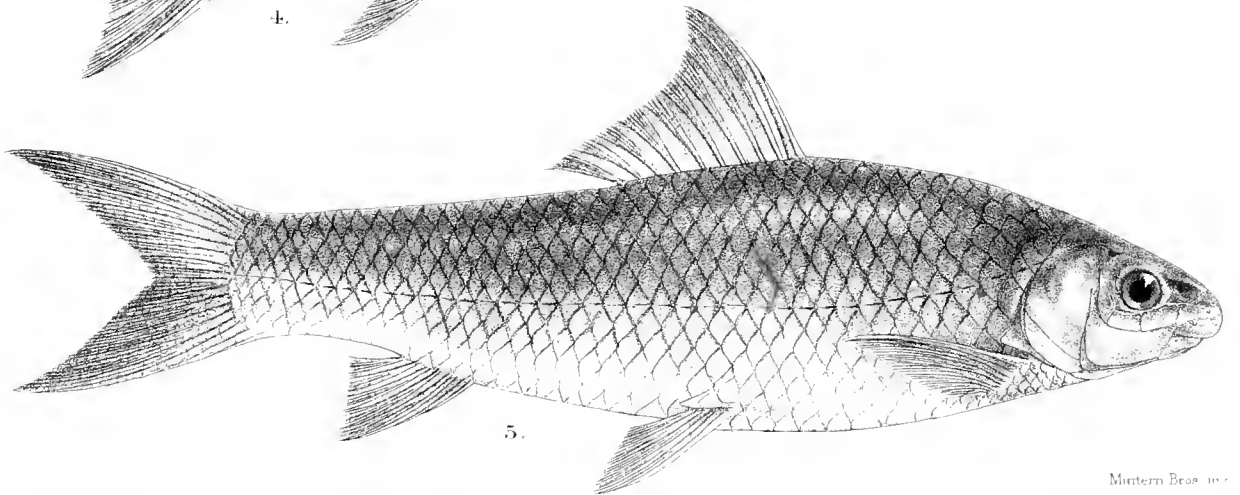
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3.



4.

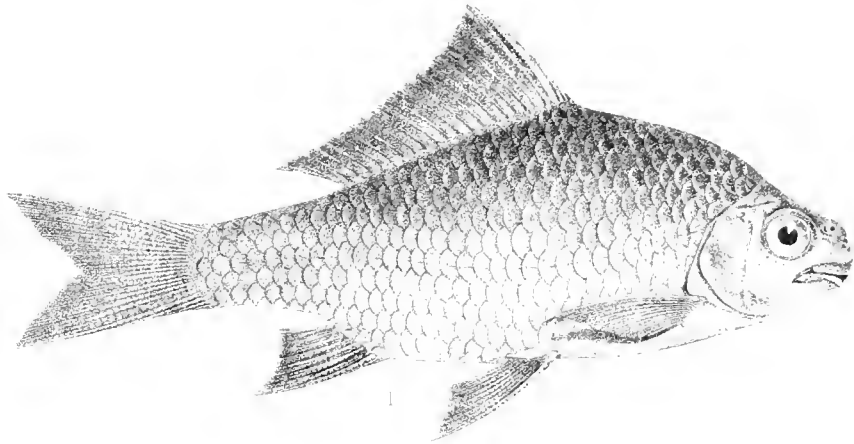


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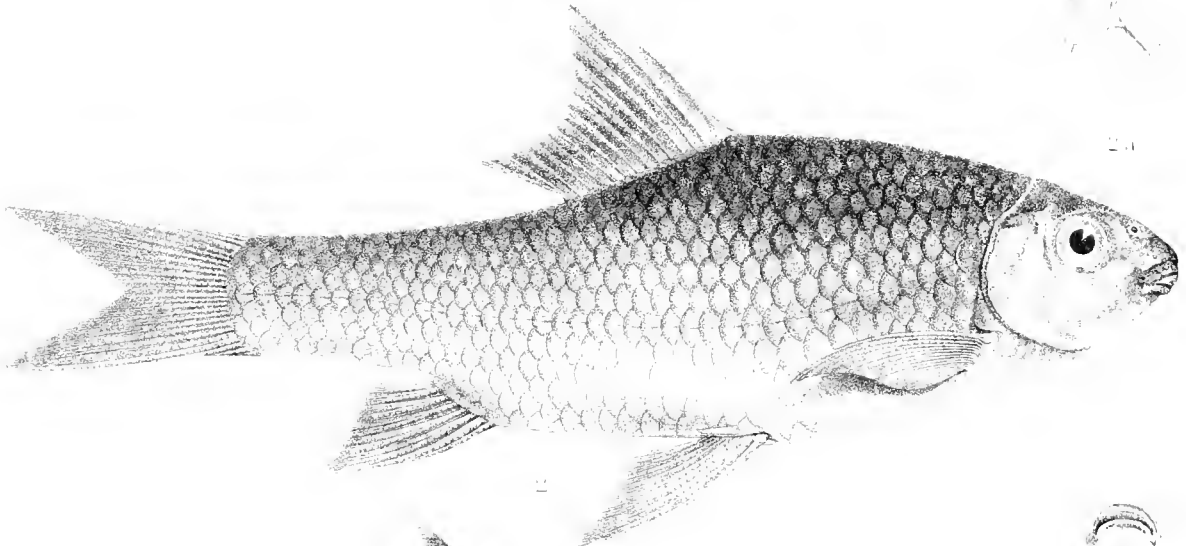
1a



1



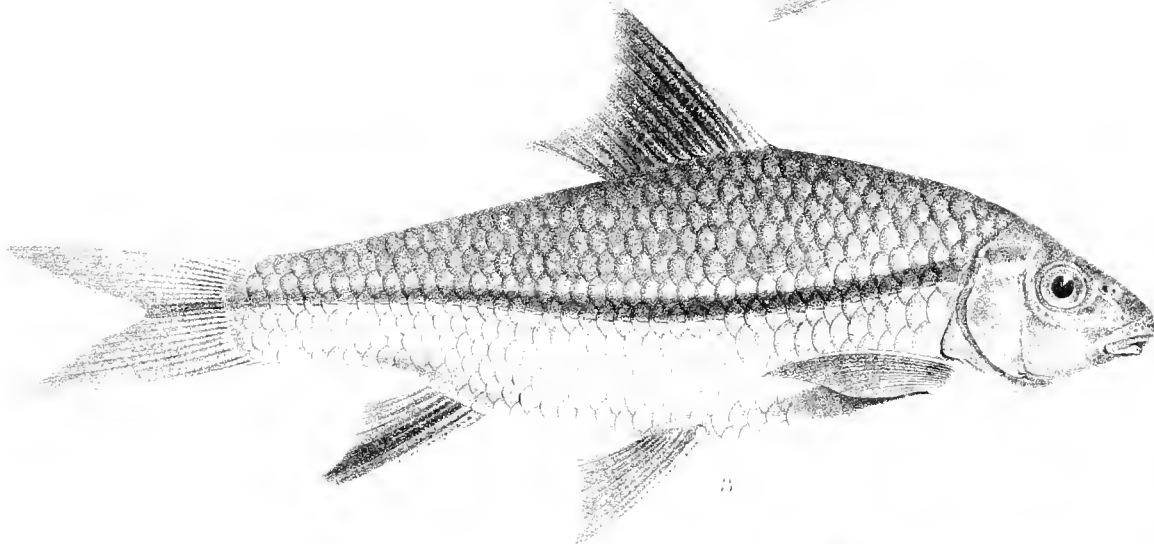
2a



2



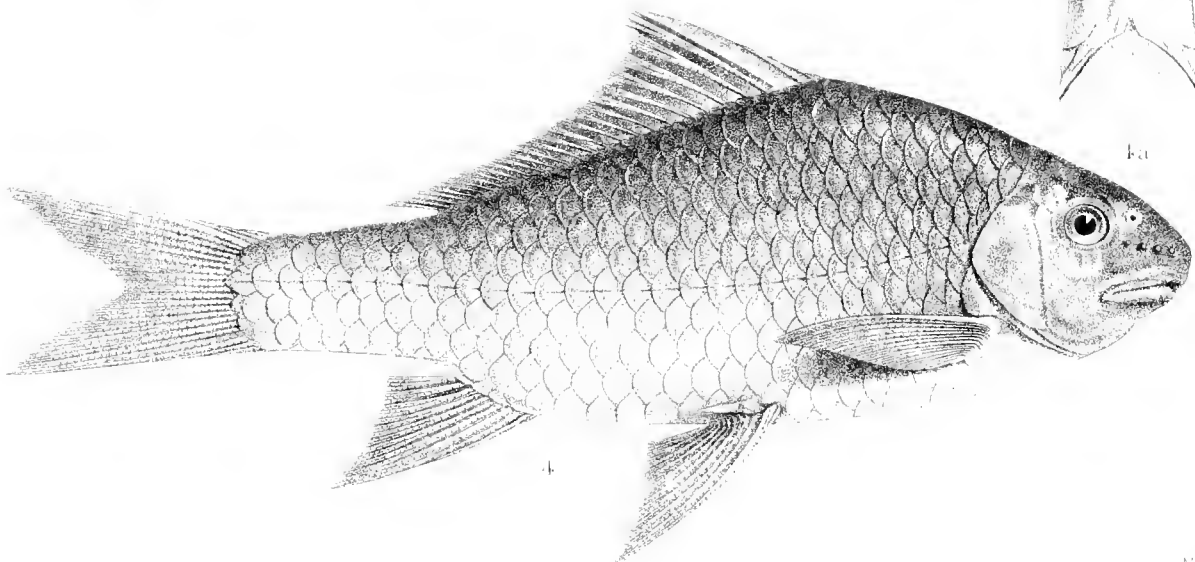
3a



3

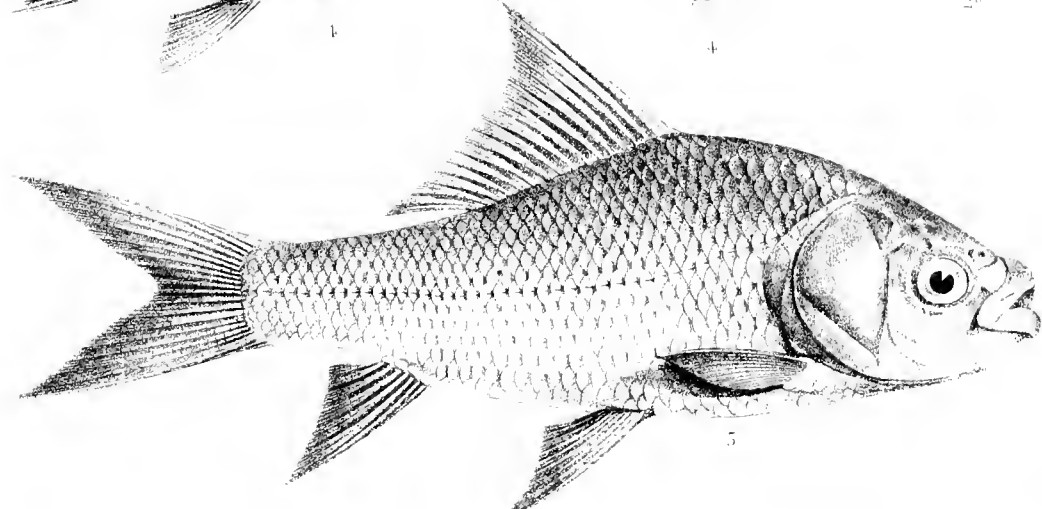
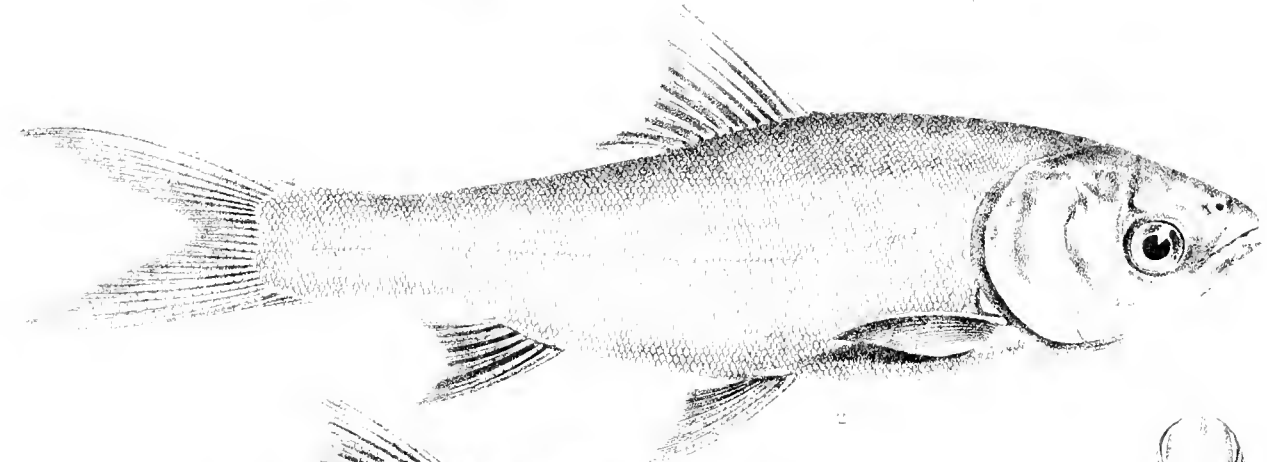
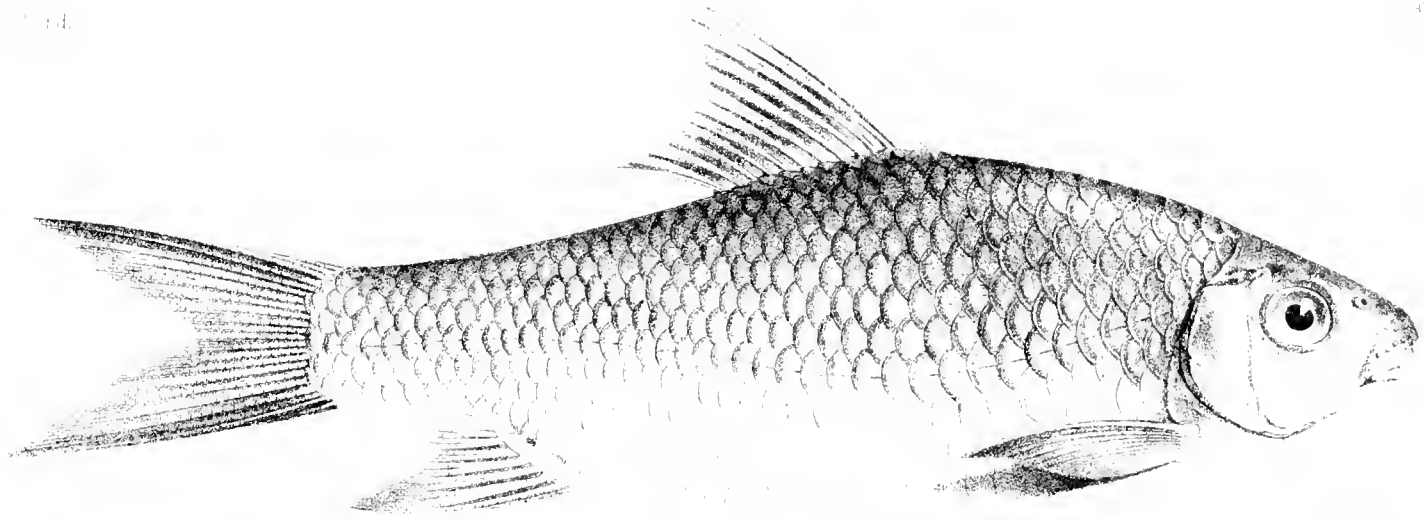


4a



4



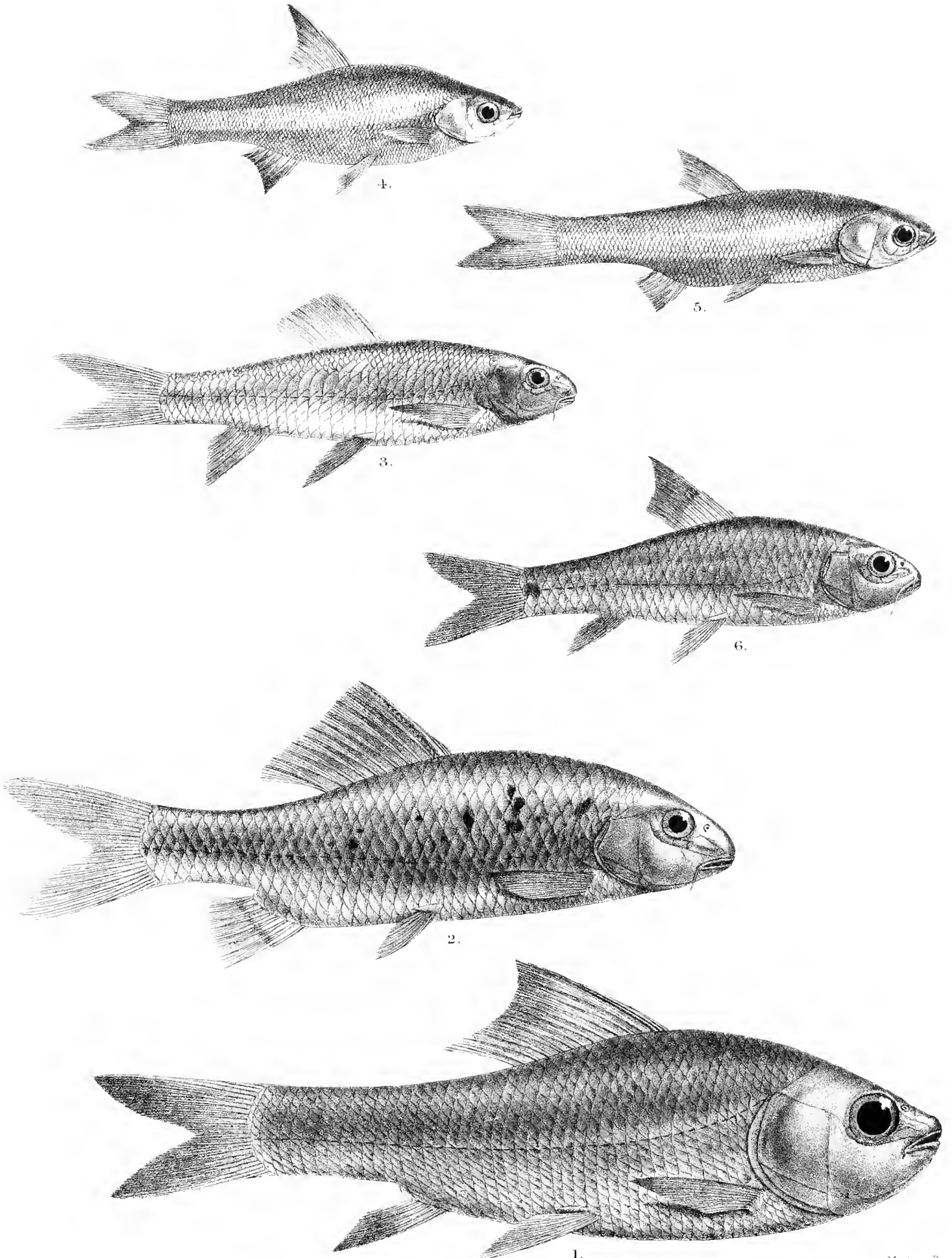


5<sup>a</sup>

5

1 SCAPHIODON TH. MAL. 2 L. N. N. 3 L. N. N. 4 A. ATR. BR. N. 5 C. ALA. BU. H. MAL.





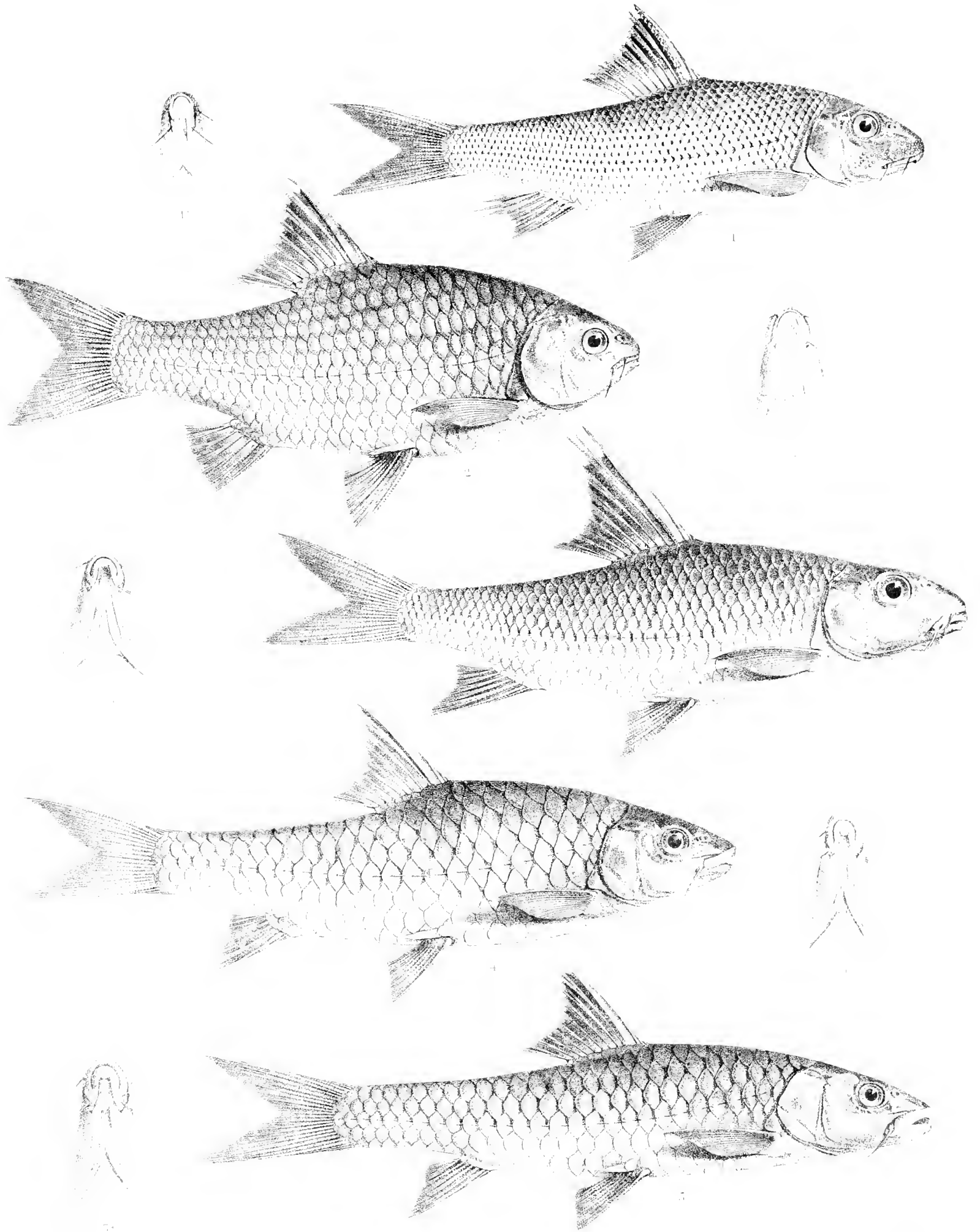
Day del

Mintern Bros imp

1, LABEO STOLICZKÆ    2, SCAPHIODON WATSONI.    3, S. IRREGULARIS.    4, AMBLYPHARYNGODON MOI.A.  
 5, A. MICROLEPIS    6, BARBUS STEPHENSONII.

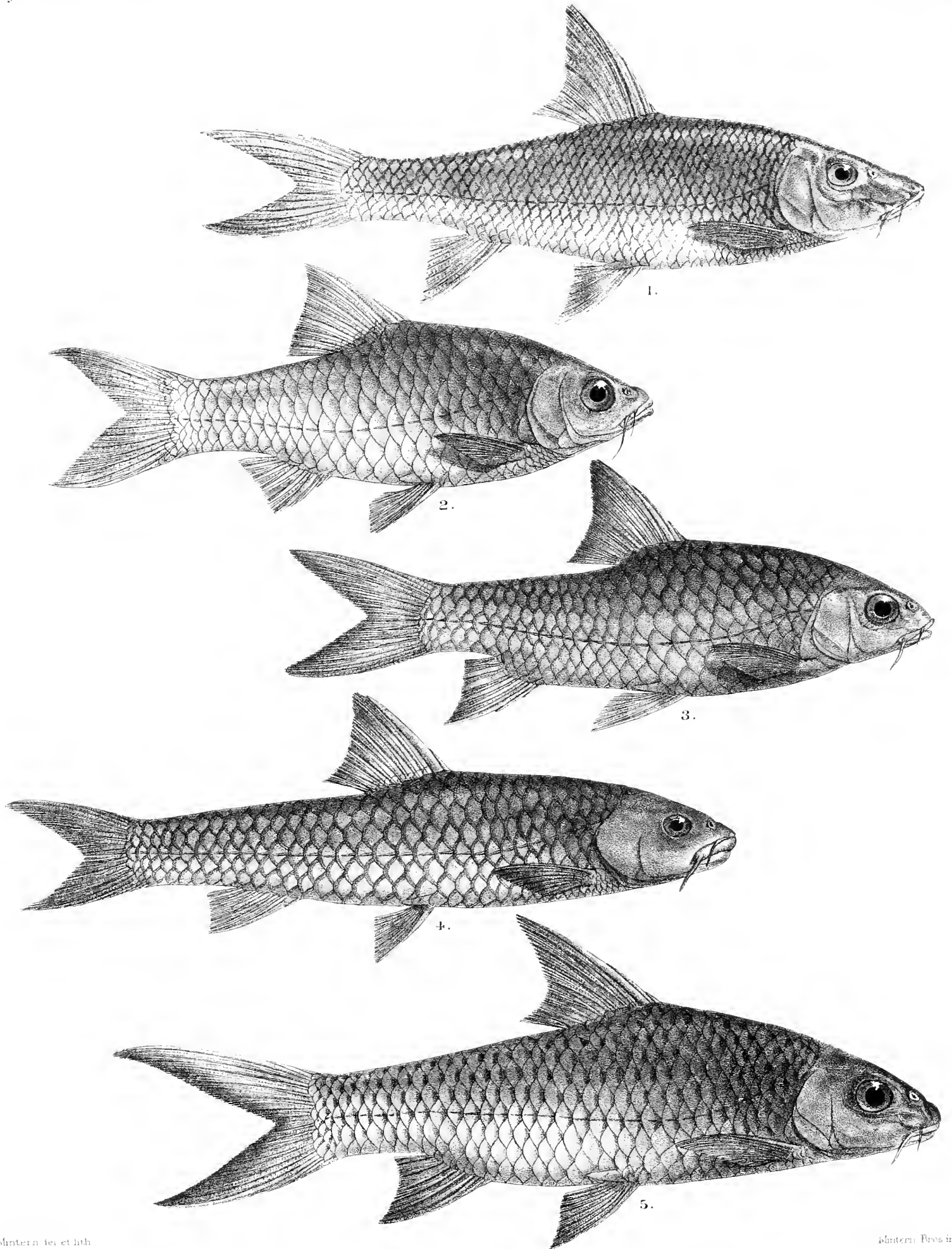
MCC LIBRARY  
HARDY COUNTY  
CATALOG





1 BALP. CHAUNUS    2 P. TAPSHA    3 MICROLOGON  
 4 HEXASTICHUS    5 B. TOP.



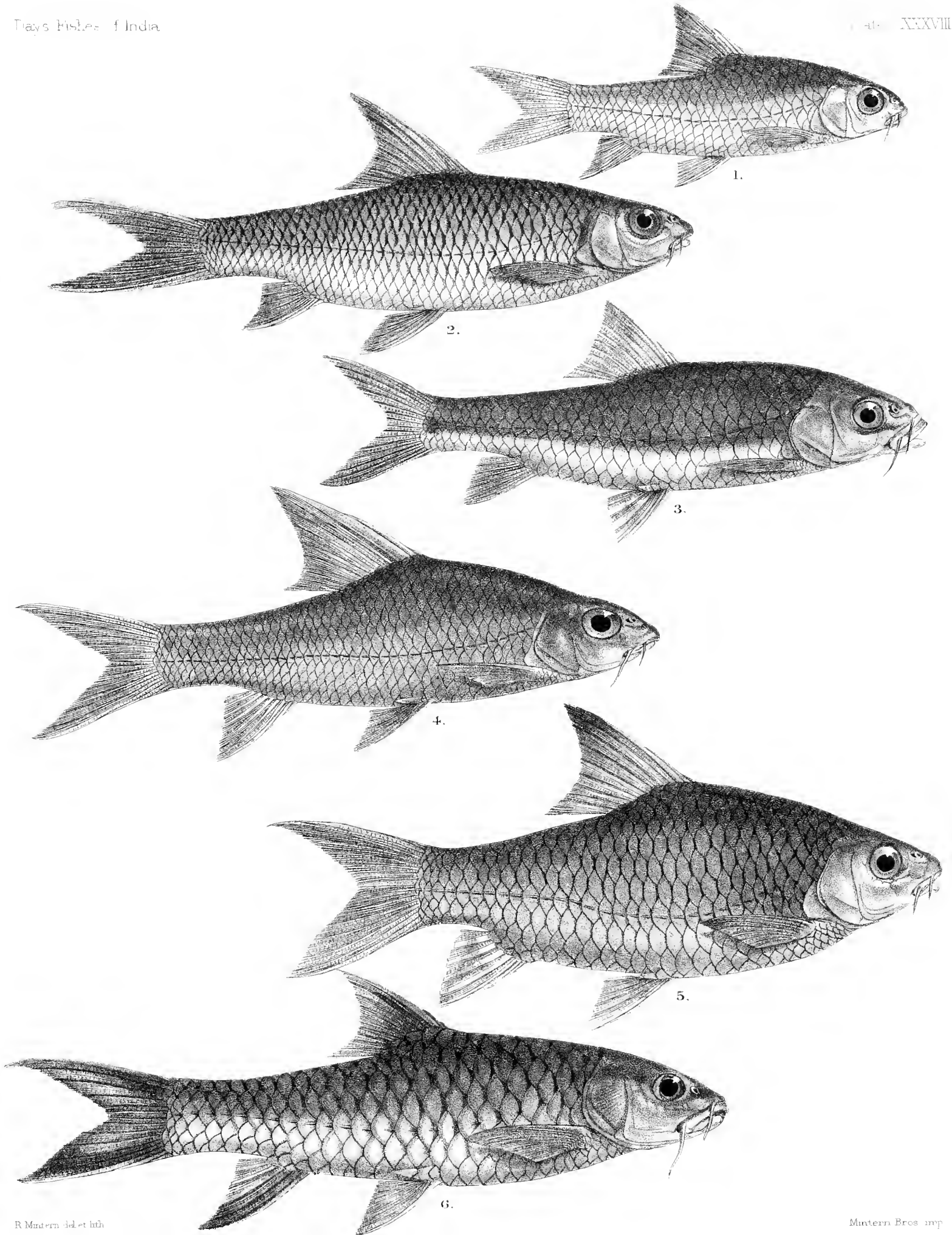


P. Mintern del et lith

Mintern Pres imp

1 BARBUS DUBIUS    2, B GONIOSOMA    3, B CARNATICUS    4, B HEXAGONOLEPIS    5, B THOMASSI



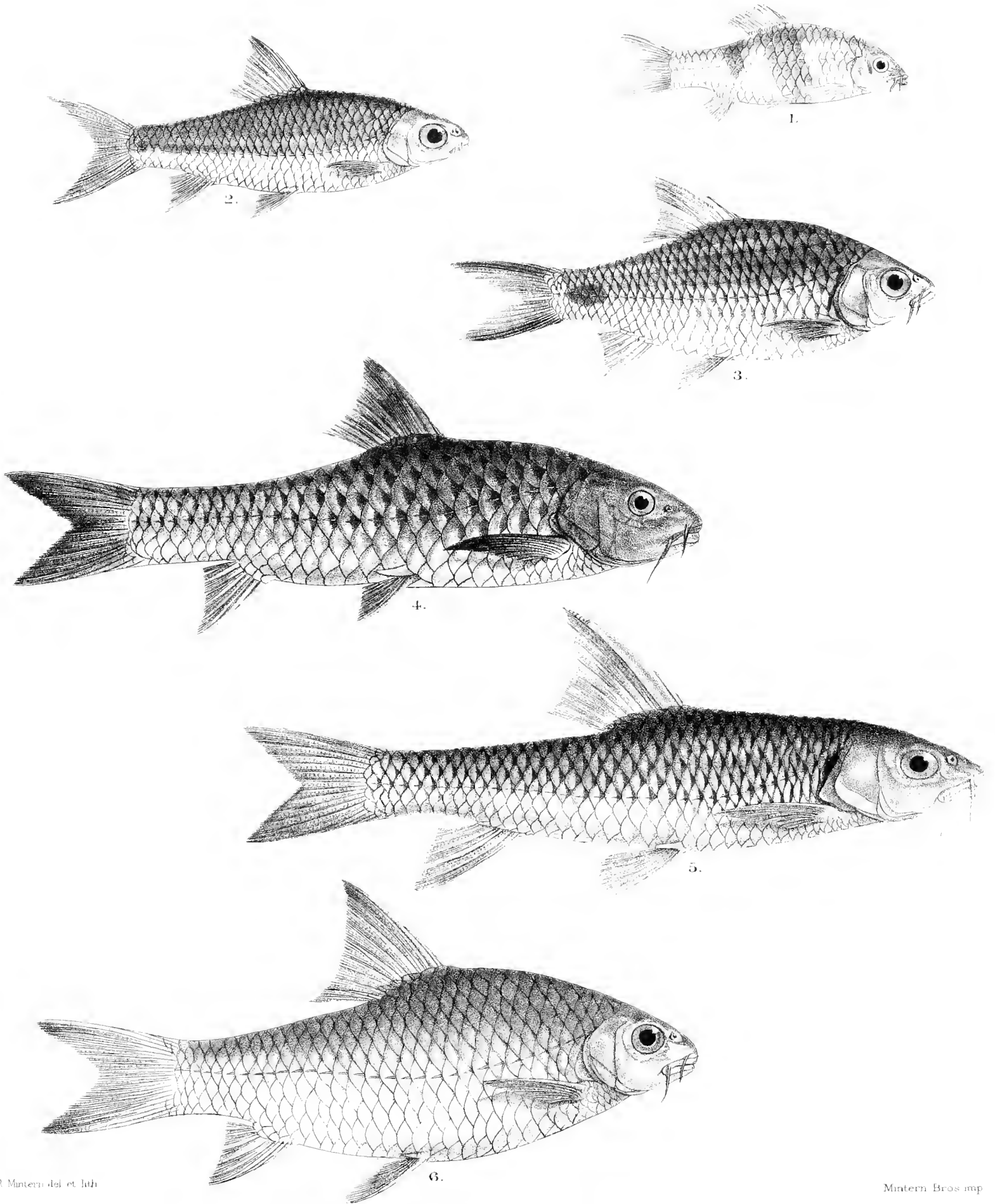


R. Munnern del. et lith.

Munnern Bros. imp.

1, BARBUS BOVIANICUS. 2, B. LITHOPIDOS. 3, B. WYNAADENSIS. 4, B. MICROPOGON. 5, B. JERDONI.  
6, B. MALABARICUS.





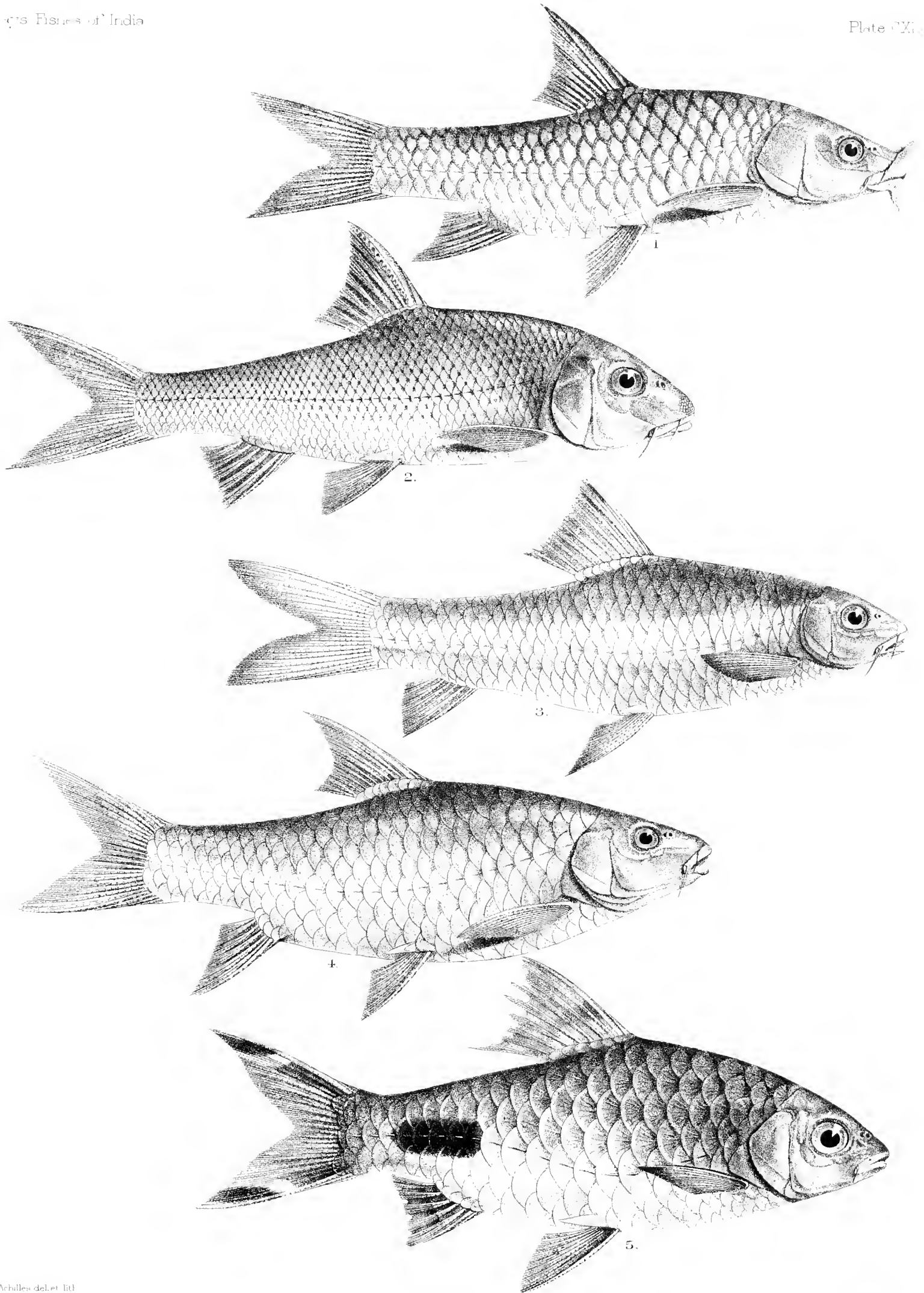
R. Minton del et lith

Minton Bros imp

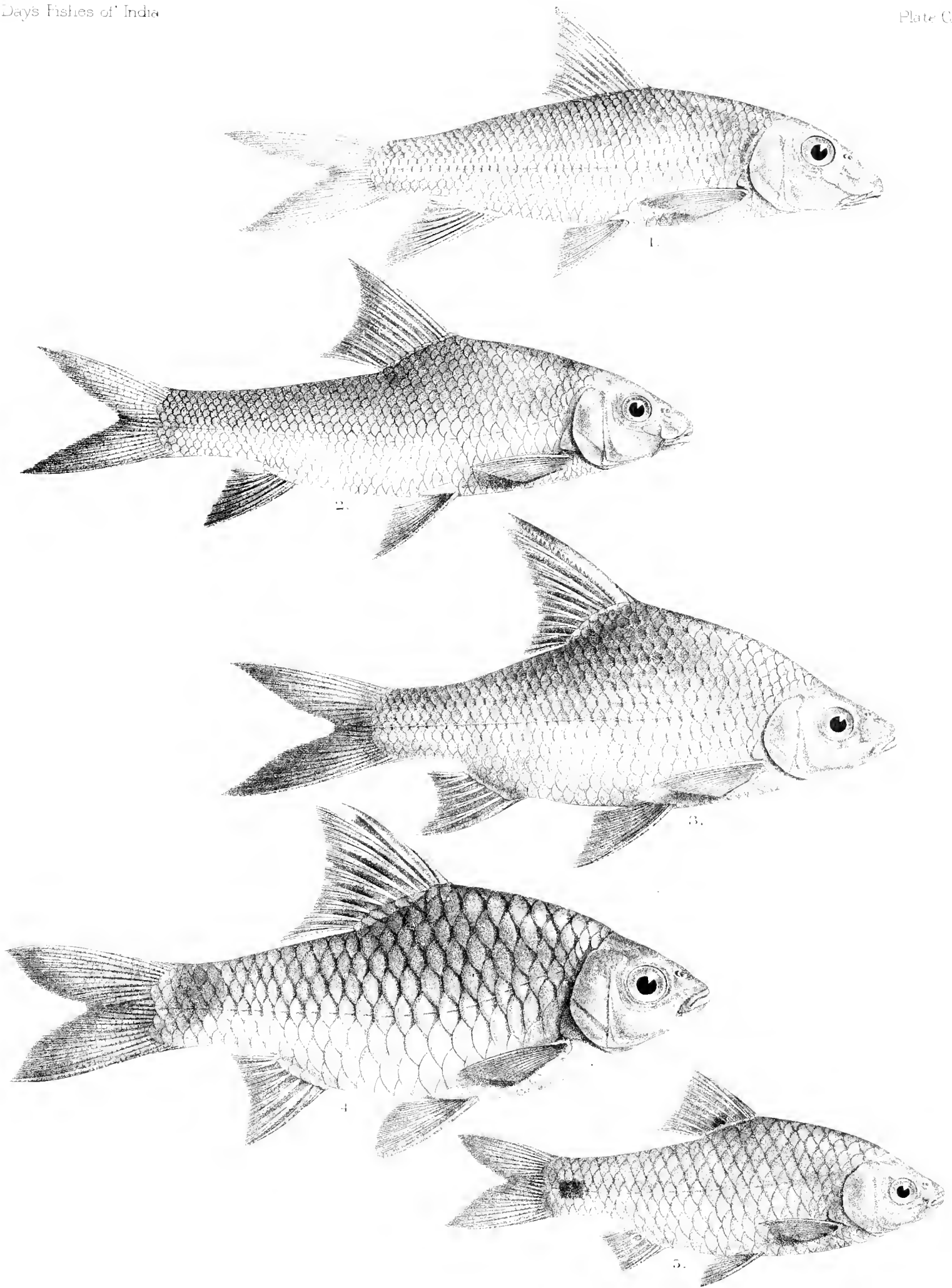
1. BARBUS MELANAMPYX 2. B. WYNAADENSIS. 3. B. PINNAURATUS. 4. B. STRACHEYI.  
 5. B. CHILINOIDES. 6. B. DOBSONI.





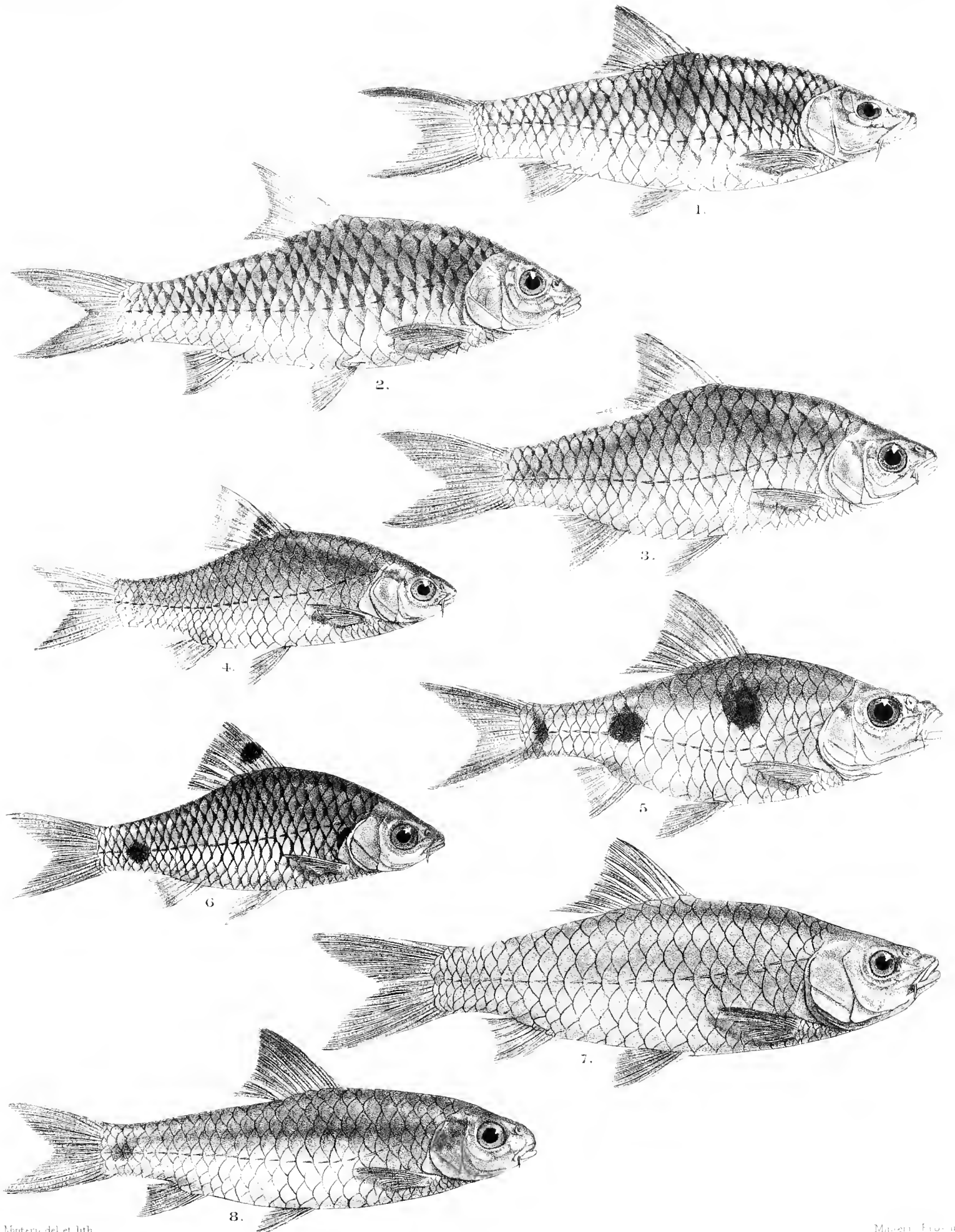


HA  
CAM



1. BARBUS CURMUCA 2. B. KOLUS 3. B. APOGON. 4. B. BURMANICUS. 5. B. STIGMA



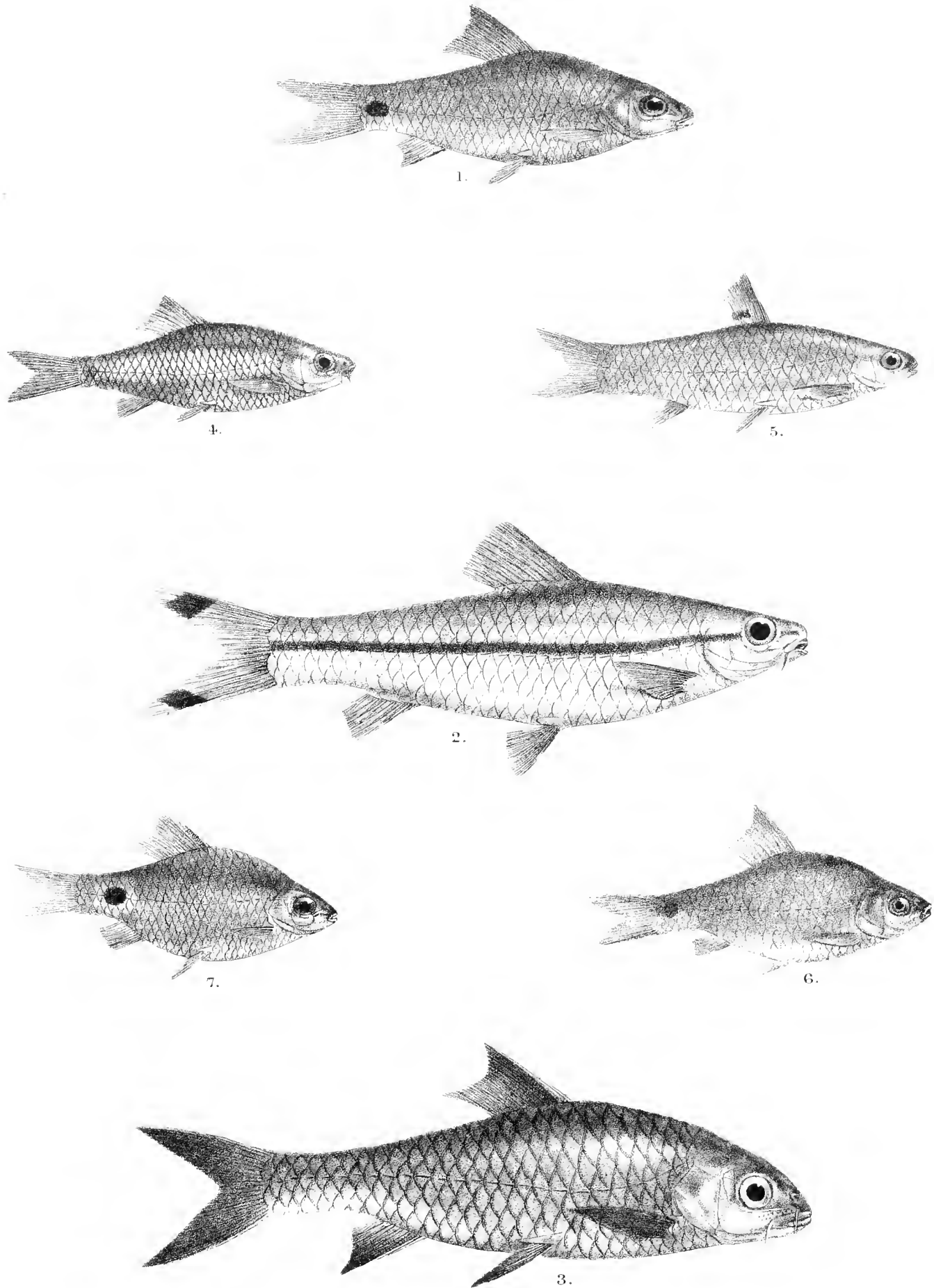


R. Montagu del et lith

Mason. Fish. imp.

1 BARBUS MACROLEPIDOTUS 2. B. DORSALIS. 3. B. PARRAH 4. B. CHOLA. 5. B. ARULIUS.  
 6. B. TEIRARUPUGUS. 7. B. ARENATUS. 8. B. AMPHIBIUS.

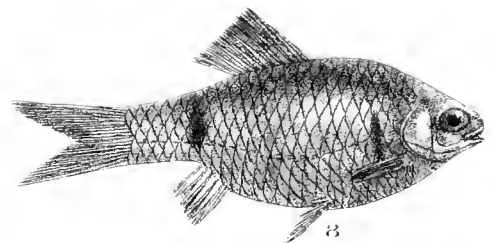
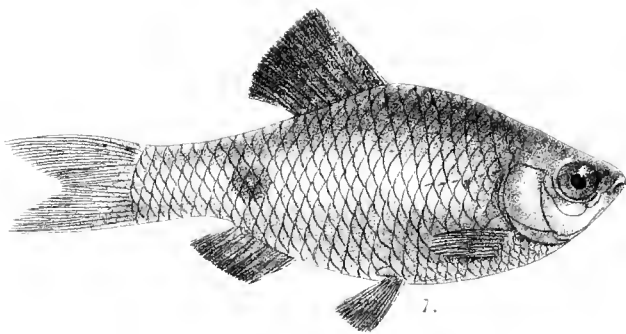
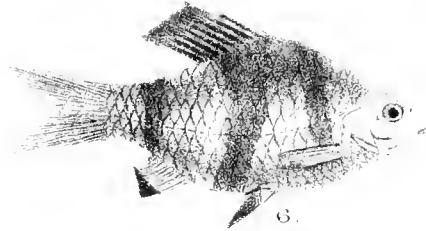
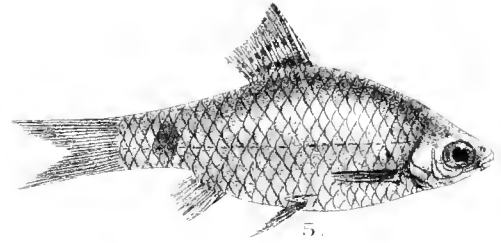
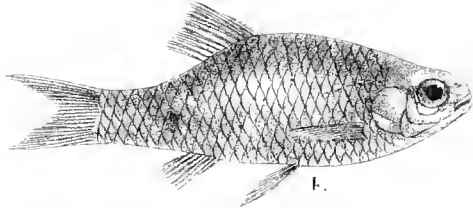
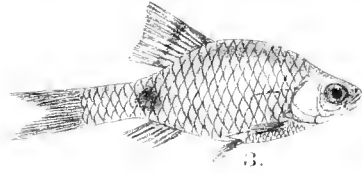
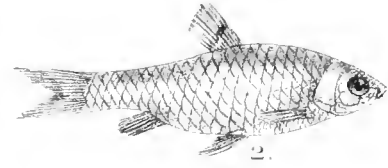
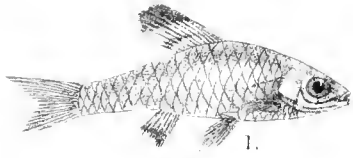




1, BARBUS MELANOSTIGMA. 2, B DENISONII 3, B DUKAI. 4, B. SOPHORE.  
5, B. PUCKELLI. 6, B. CHRYSOPTERUS. 7, B. CONCHONIUS.

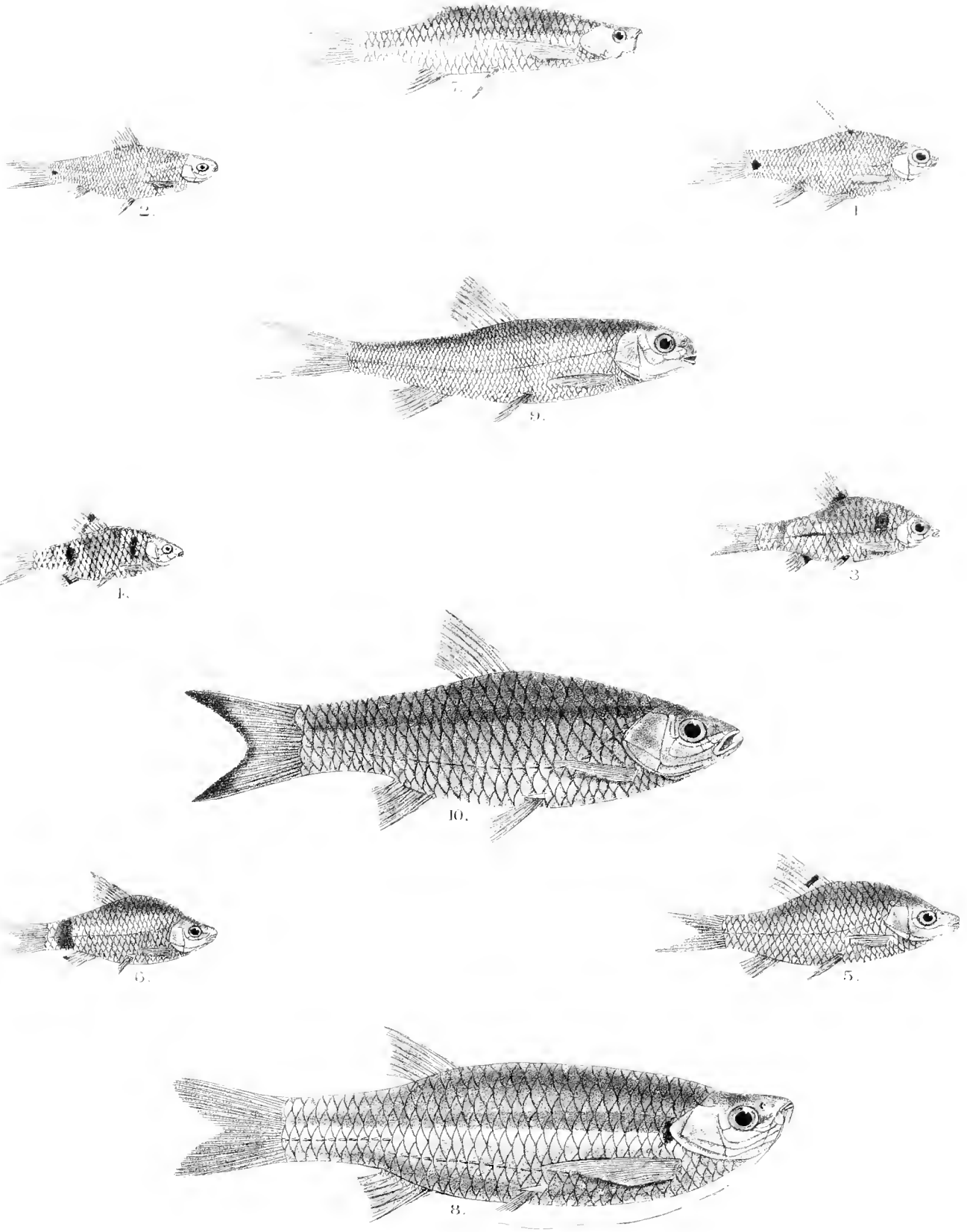






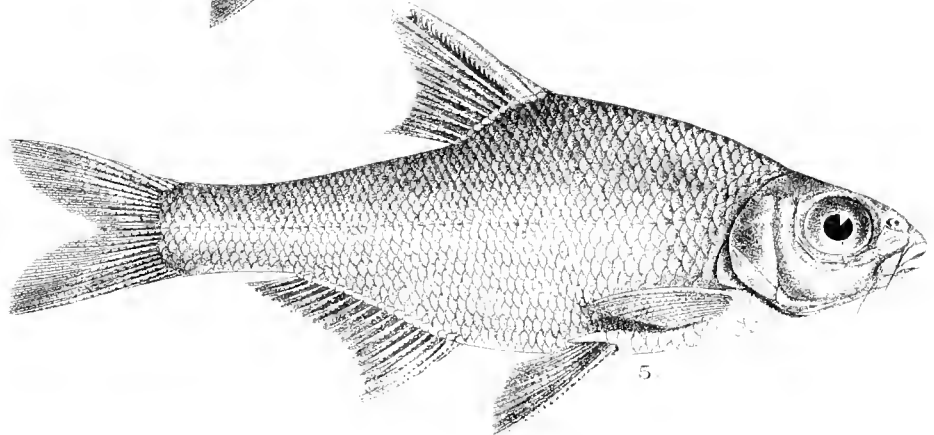
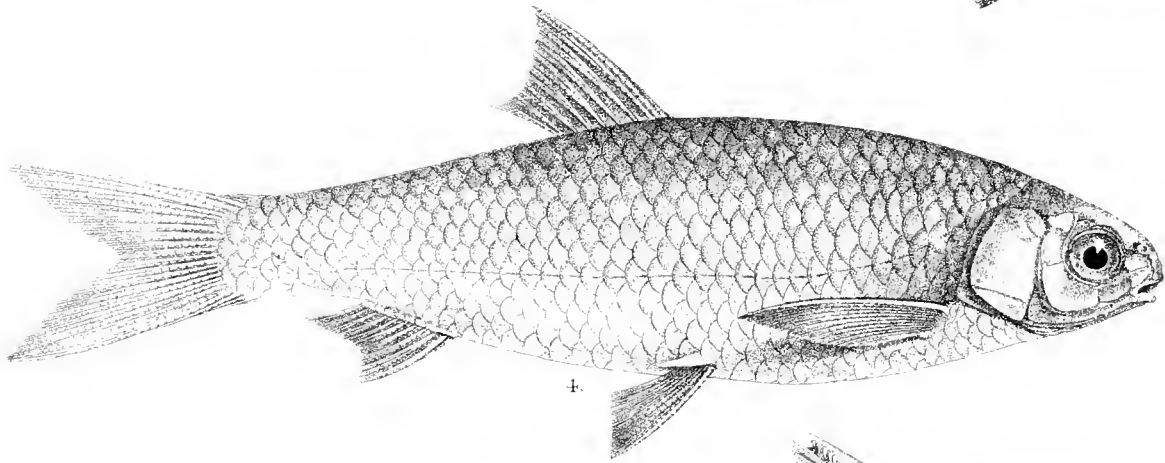
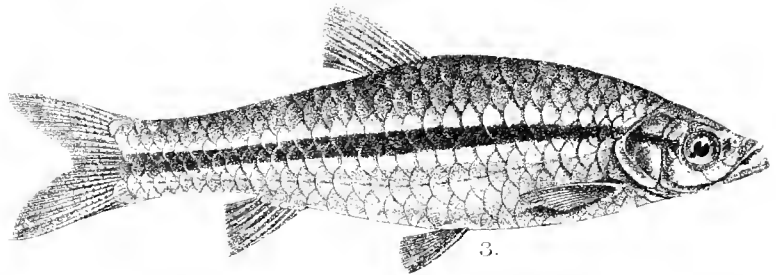
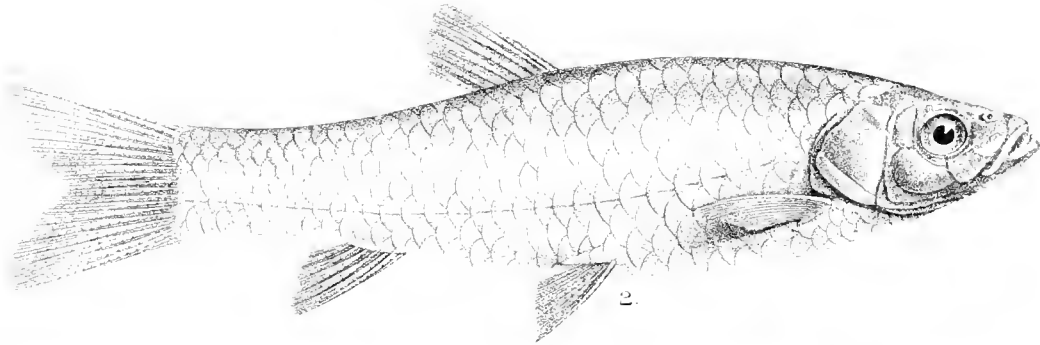
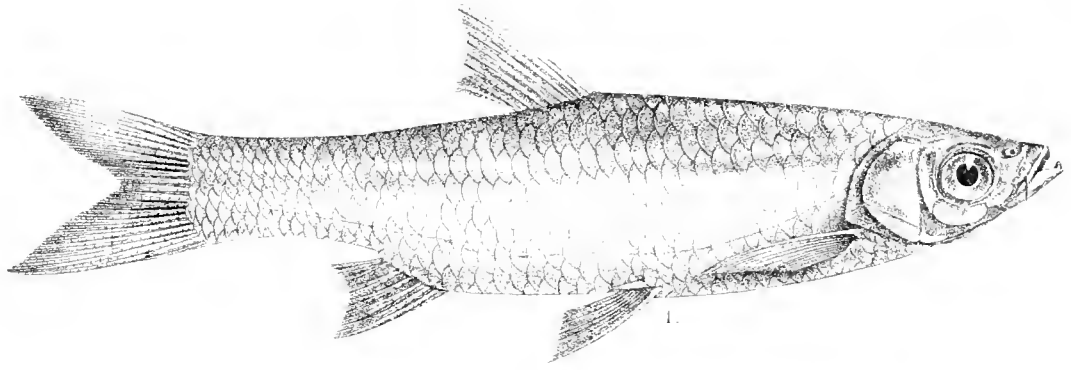
1 BARBUS COSUATIS. 2. B VITTATUS. 3. B TERIO. 4. B WAAGENI. 5. B PUNCTATUS  
6 B NIGROFASCIATUS 7 B TICTO. 8 B. STOLICZKANUS.



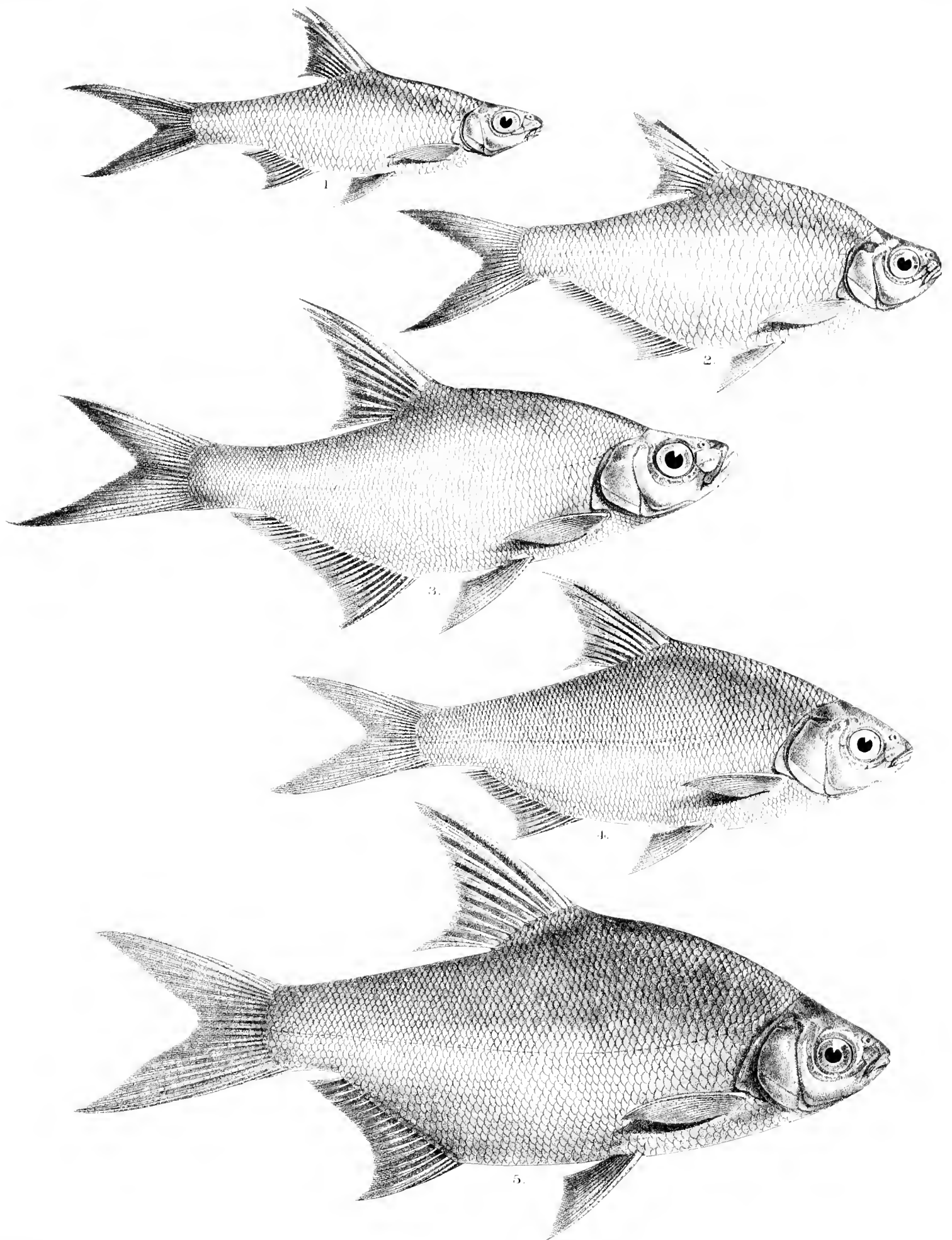


1. BARRUS AMBASSIS. 2. B. PUNJAUBENSIS. 3. B. GELIUS. 4. B. PHUTUNIO. 5. B. UNIMACULATUS. 6. B. PUNITIO. 7. NURIA DANRICA (VARIETY MALABARICA). 8. N. DANRICA (VAR. ALTA). 9. ASPIDOPARIA JAYA. 10. RASBORA BUCHANANI.





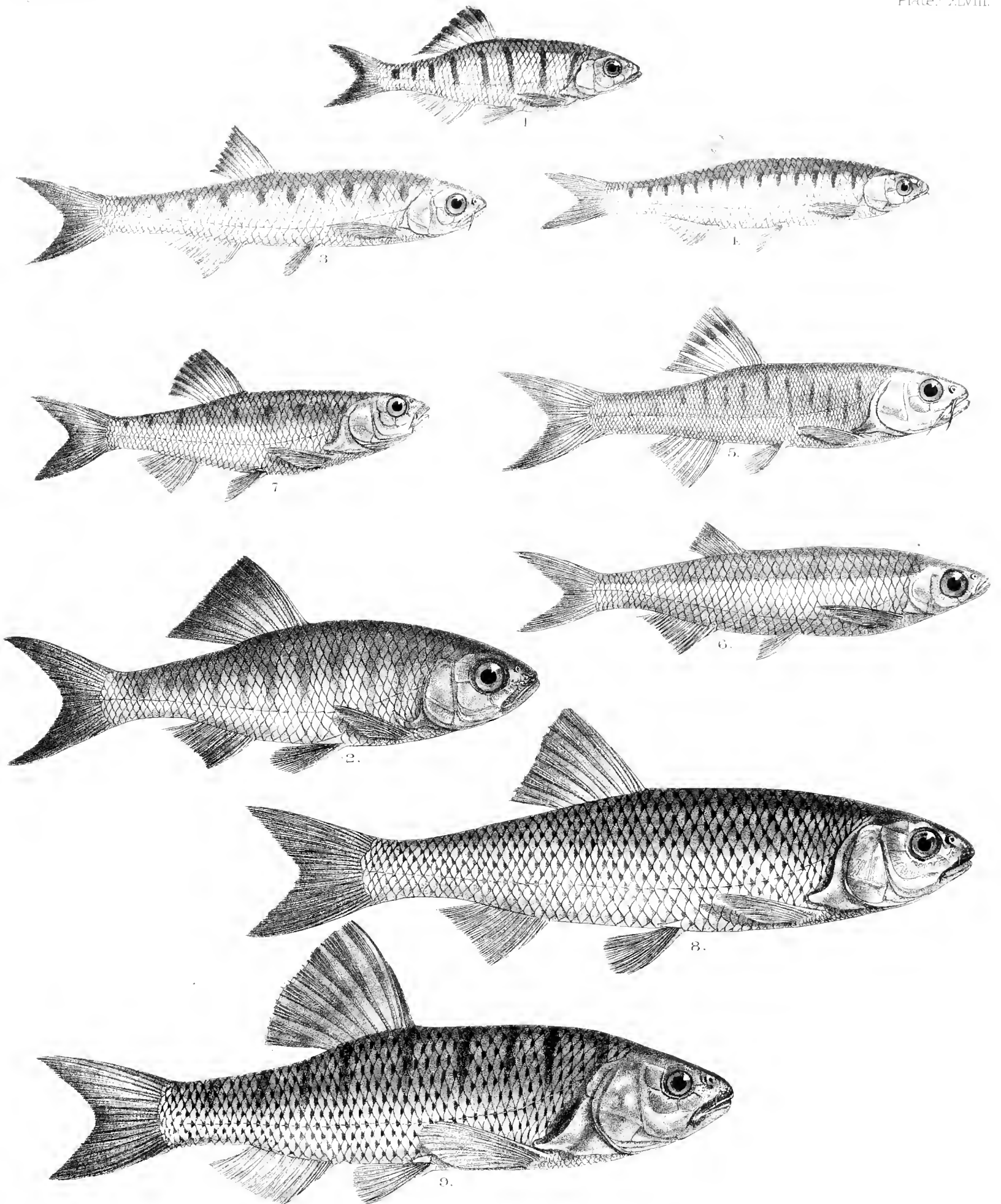




1. ROHTEE BAKERI. 2. R. ALFREDIANA. 3. R. VIGORSII. 4. R. BELANGERI. 5. R. OGILBII.





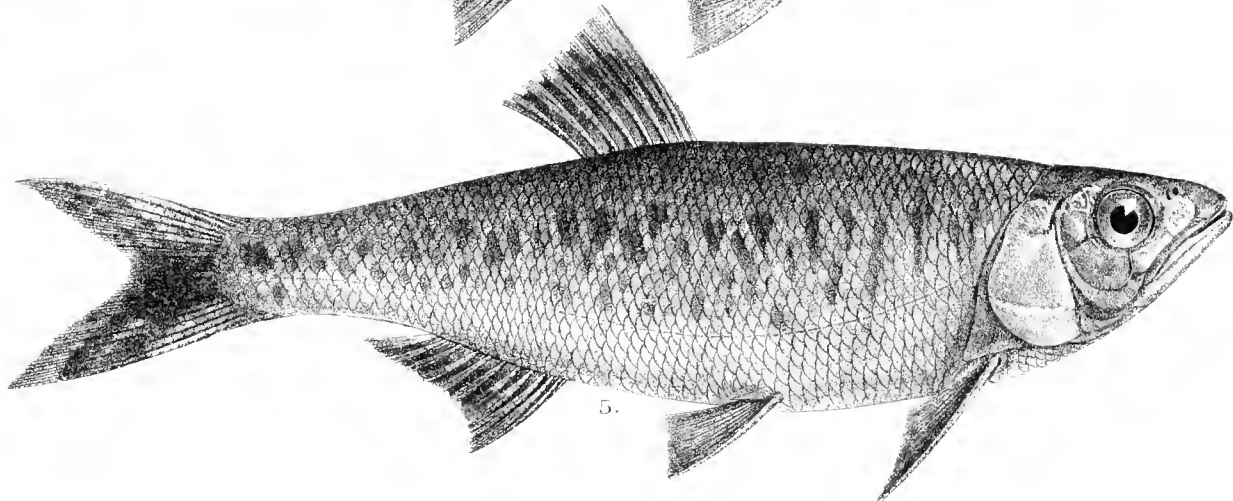
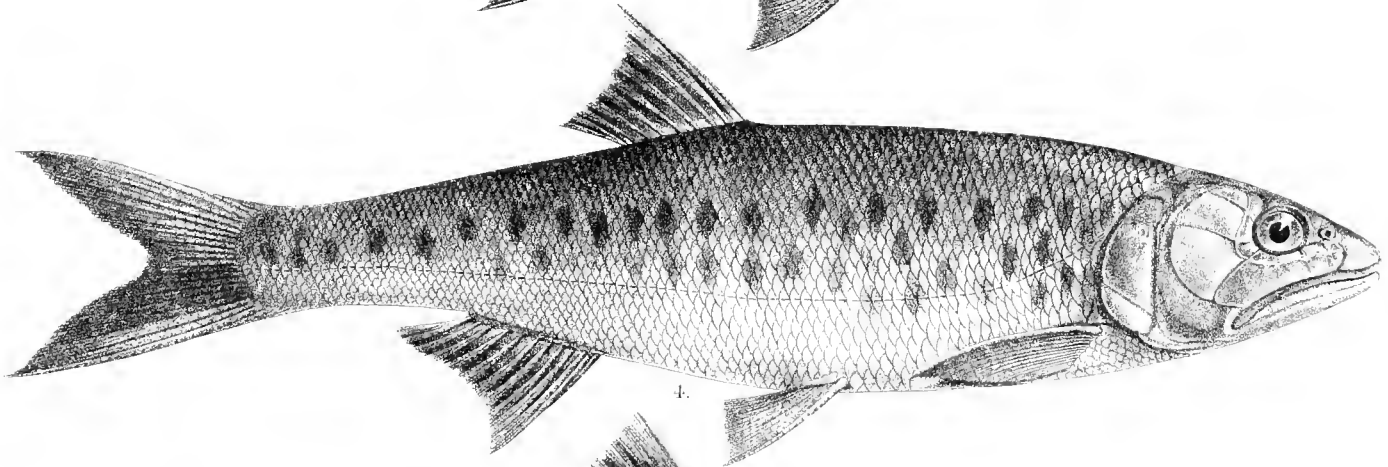
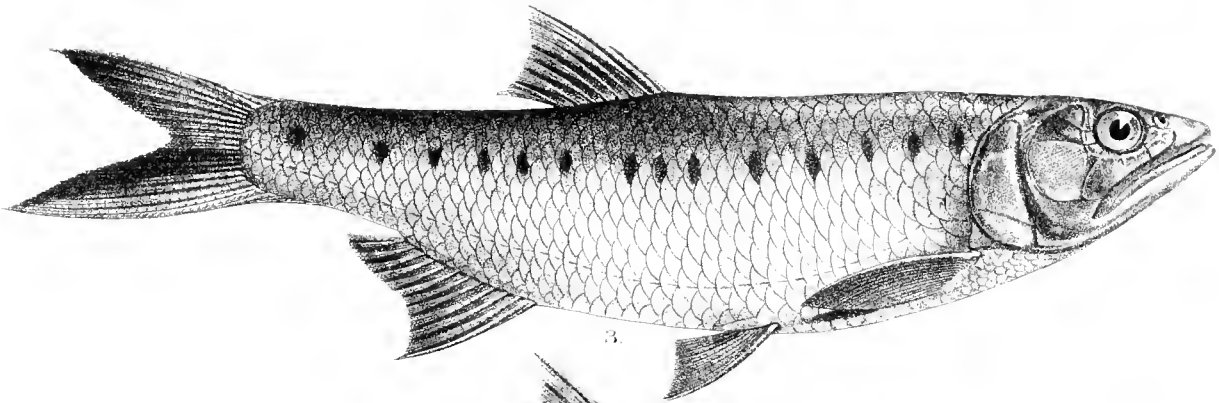
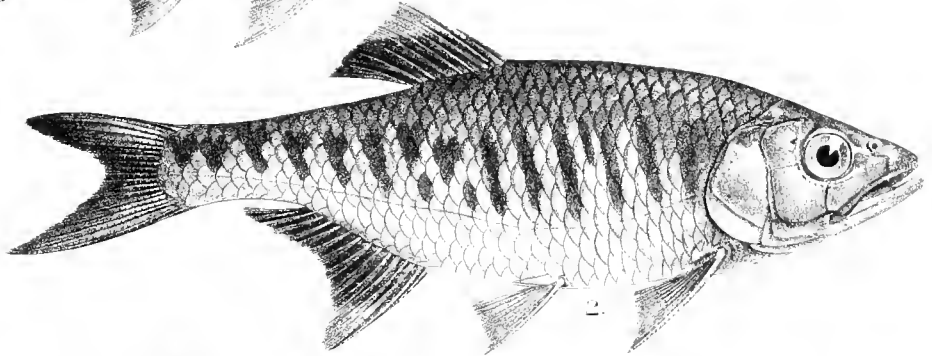
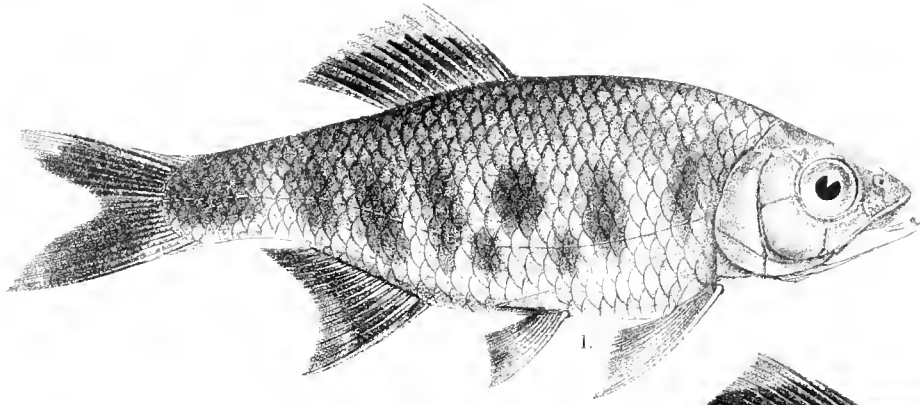


H. Meek, del.

Mintern Bros imp

1. *BARILIUS BARNA* (YOUNG) 2. *B. BARNA* (ADULT) 3. *B. VAGRA* 4. *B. BARILA* 5. *B. SHACRA*  
6. *B. EVEZARDI* 7. *B. BENDELISIS* 8. *B. BENDELISIS* (VAR. *GOCSA*) 9. *B. BENDELISIS* (VAR. *CHEDRA*)

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MICHIGAN STATE UNIVERSITY  
EAST LANSING, MI 48824 USA

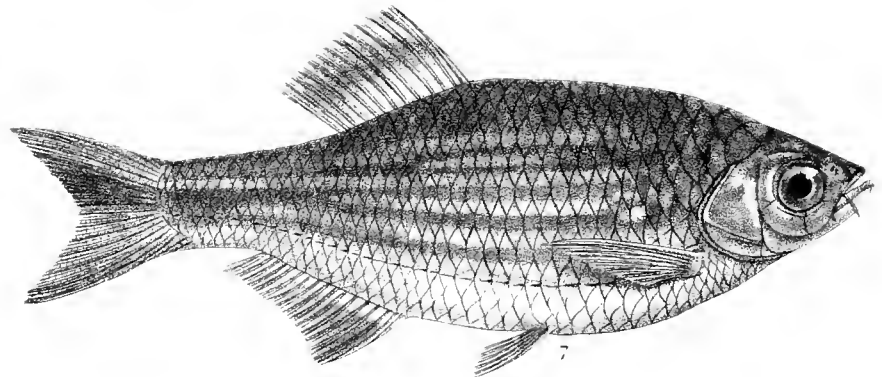
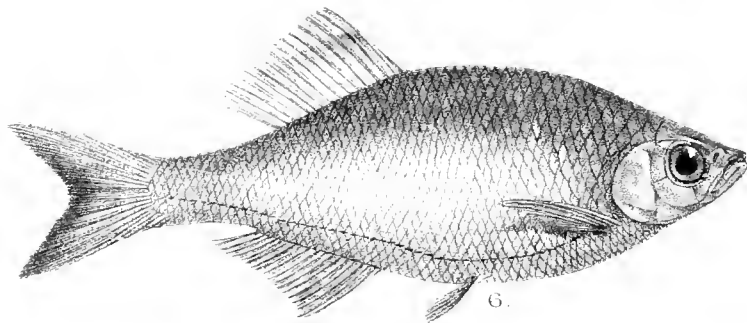
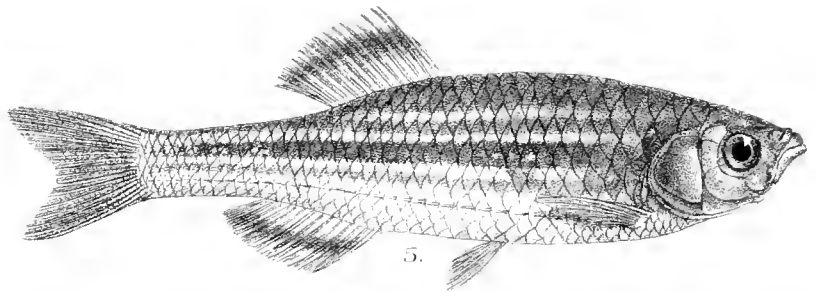
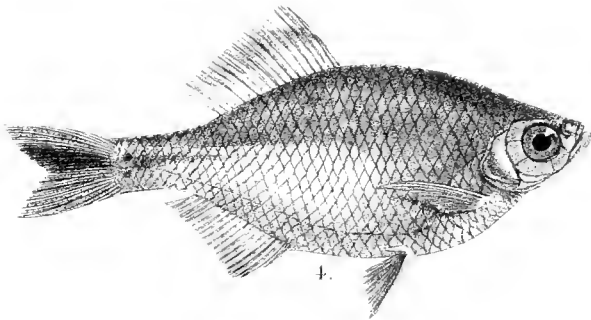
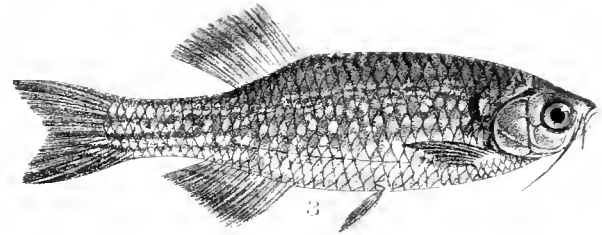
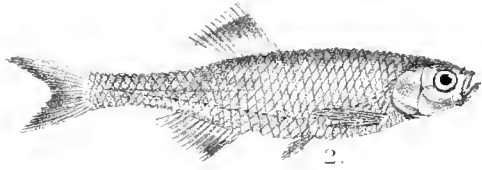


Arncliffe del. et lith.

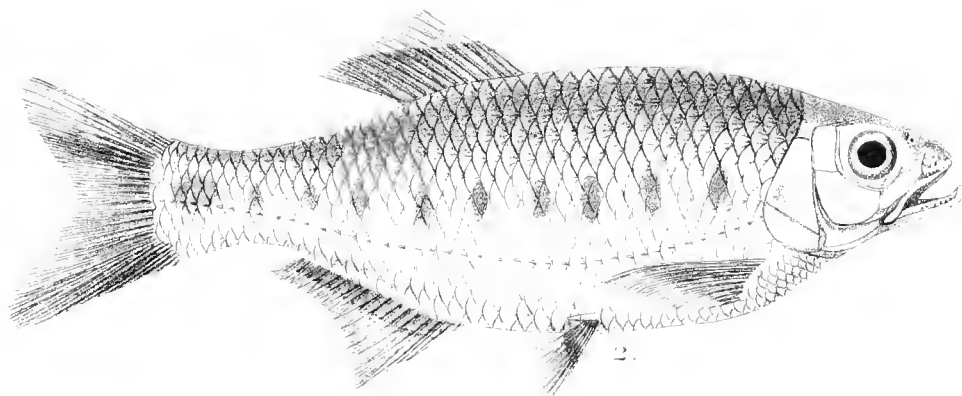
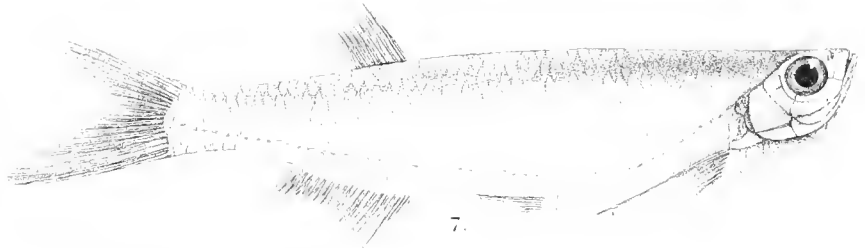
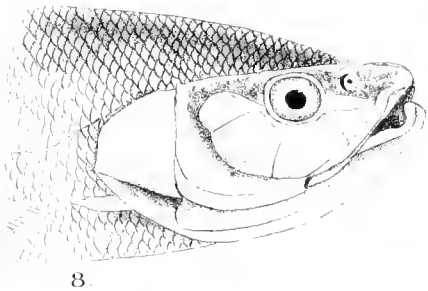
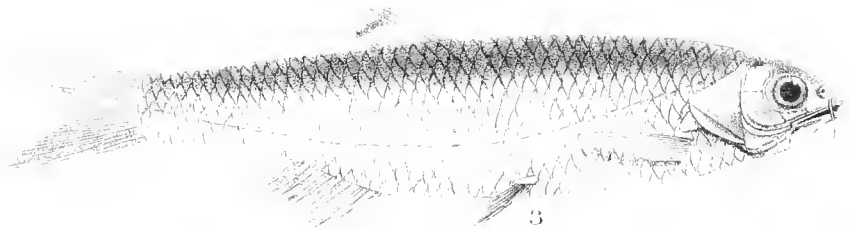
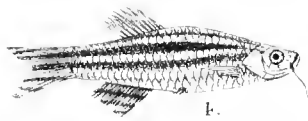
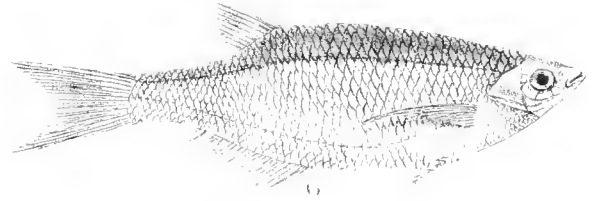
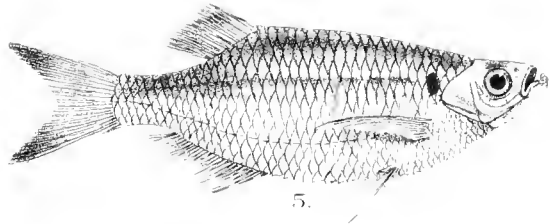
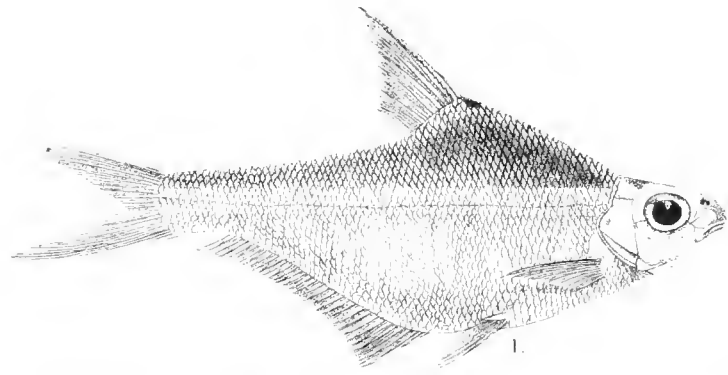
1. BARILIUS CANARENSIS. 2. B. GATENSIS. 3. B. GUTTATUS. 4. B. BOLA. 5. B. TILEOS.

Mintern Press. 1904.





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CITY  
MA USA



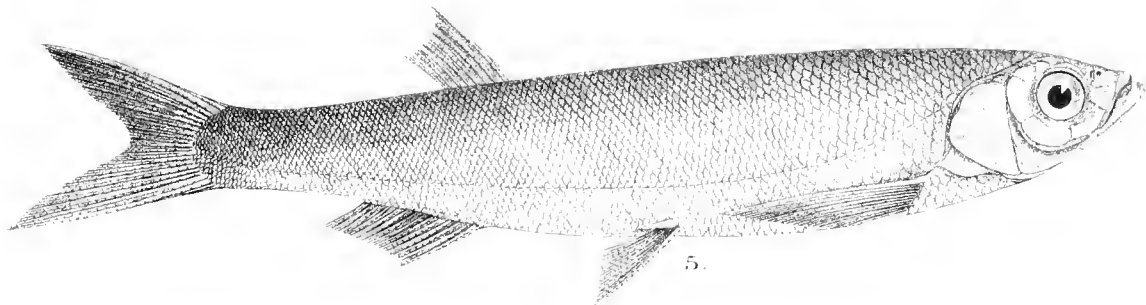
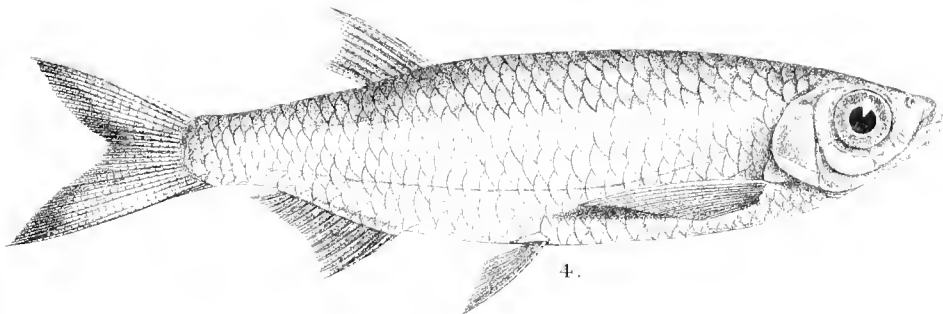
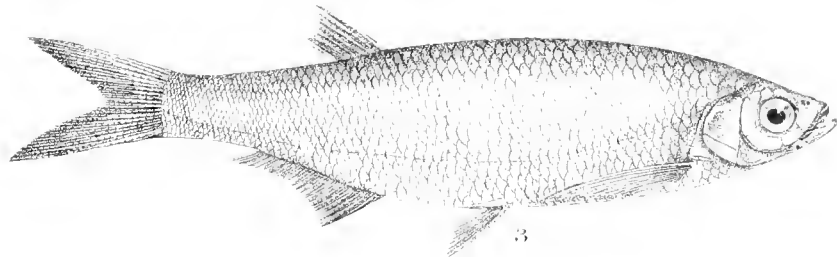
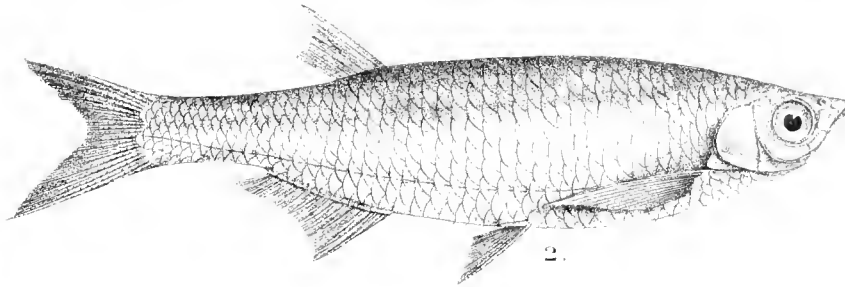
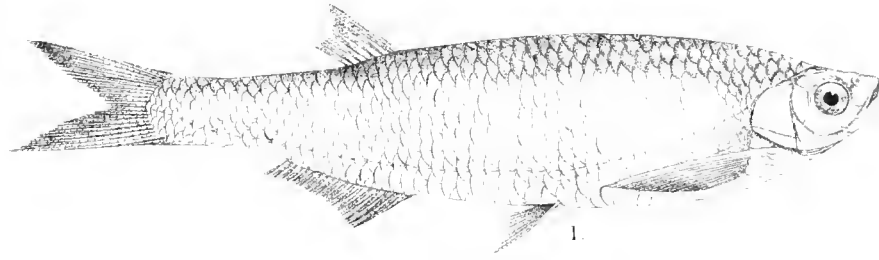
1, 2, 3, 4, 5, 6, 7, 8. Minster lith.

1. ROHTEE COTIG. 2. BARILIUS BAKERI. 3. B. MODESTUS. 4. DANIO RERIO. 5. PERILAMPUS LAUBUCA.  
6. P. ATPAR. 7. CHELA UNTRAHI. 8. C. GORA.

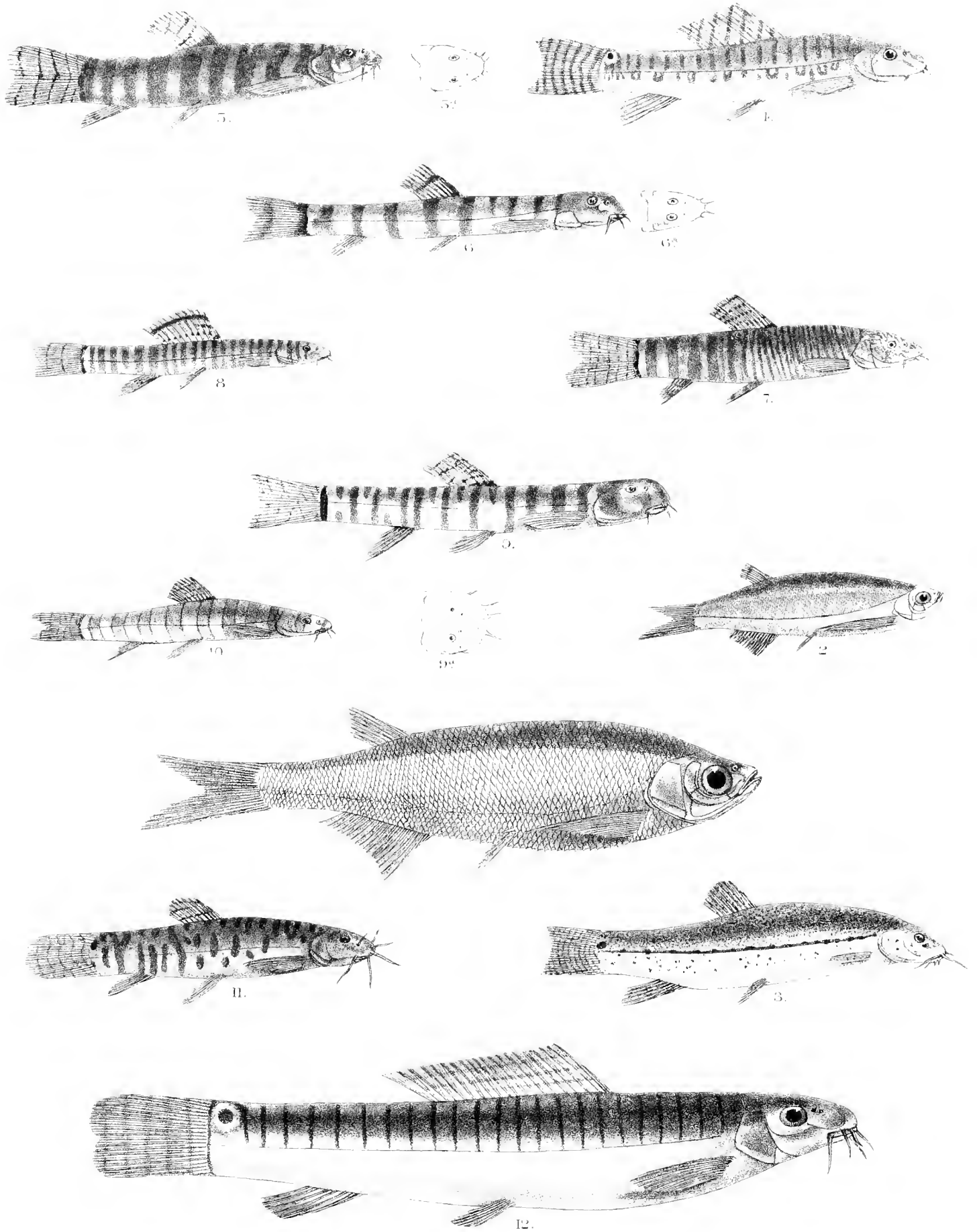
Minster lith.









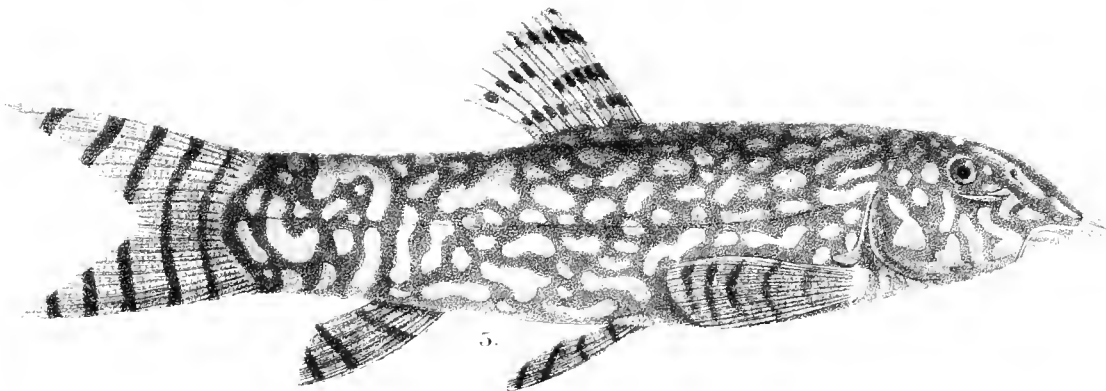
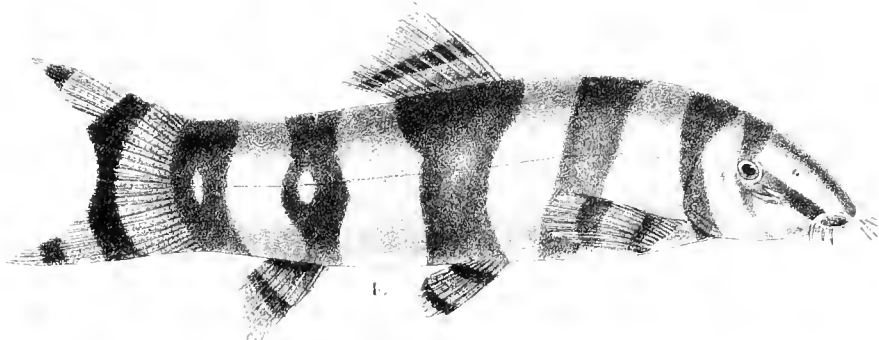
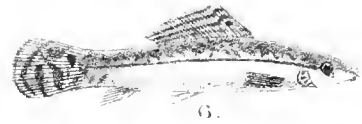
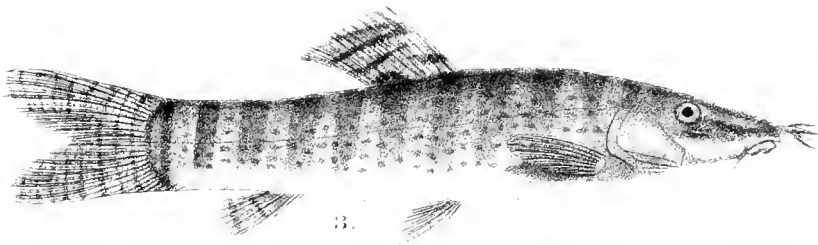
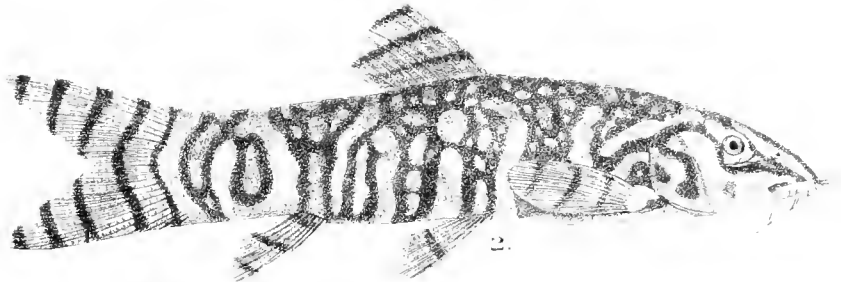


H. Day & R. Minton lith.

M. 255. Be. imp.

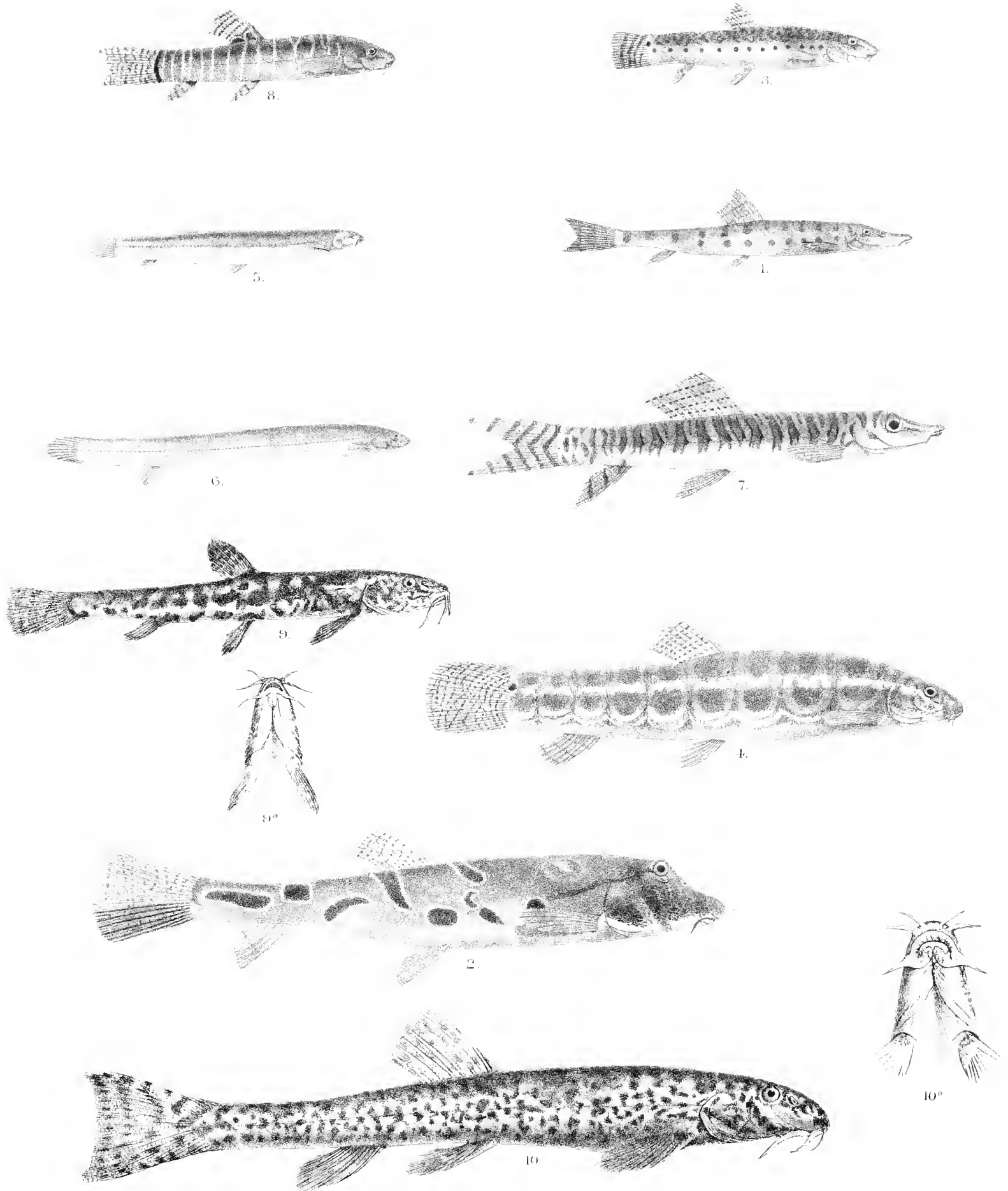
1 CHELA PHULO 2 C. PUNJABENSIS 3 LEPIDOCEPHALICHTHYS BERDMOREI 4 NEMACHEILUS RUBIDIPINNIS 5 N. DENISI  
 6 N. MONTANUS 7 N. MULTIFASCIATUS 8 N. STRIATUS 9 N. RUPECOLA 10 N. TRIANGULARIS 11 N. EVEZARDI 12 N. PAVONACEUS





1. BOTIA DARIO. 2. B. GETO. 3. B. BERDMOREI. 4. B. HISTRIONICA. 5. B. ALMORHÆ & JERDONIA MACULATA.





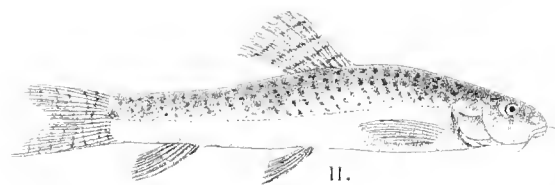
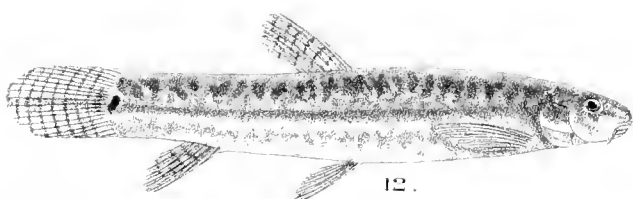
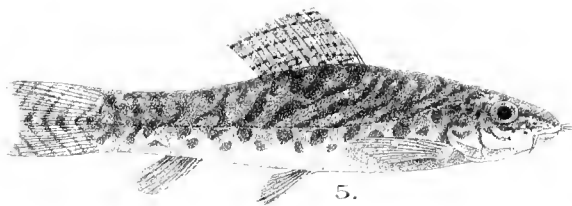
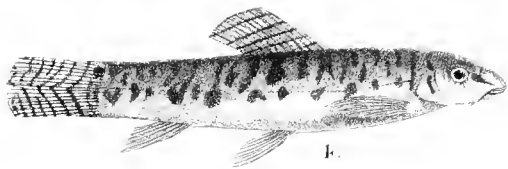
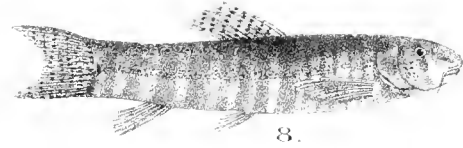
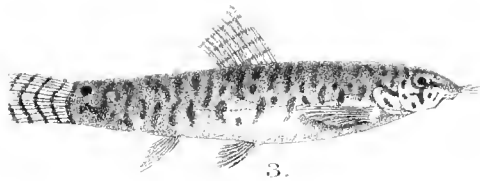
Del. J. Mintern Lith.

Mintern Bros. imp.

1 ACANTHOPSIS CHOIRORRHYNCHUS. 2 SOMILEPTES GONGOTA. 3 LEPIDOGEPHALICHTHYS THERMALIS.  
 4 LGUNTEA. 5 ACANTHOPHTHALMUS PANGIA. 6 APUA PUSCA. 7 NEMACHILICHTHYS RUPPELLI  
 8 NEMACHEILUS SAVONA. 9. N. MARMORATUS. 10 N. STOLICZKÆ.





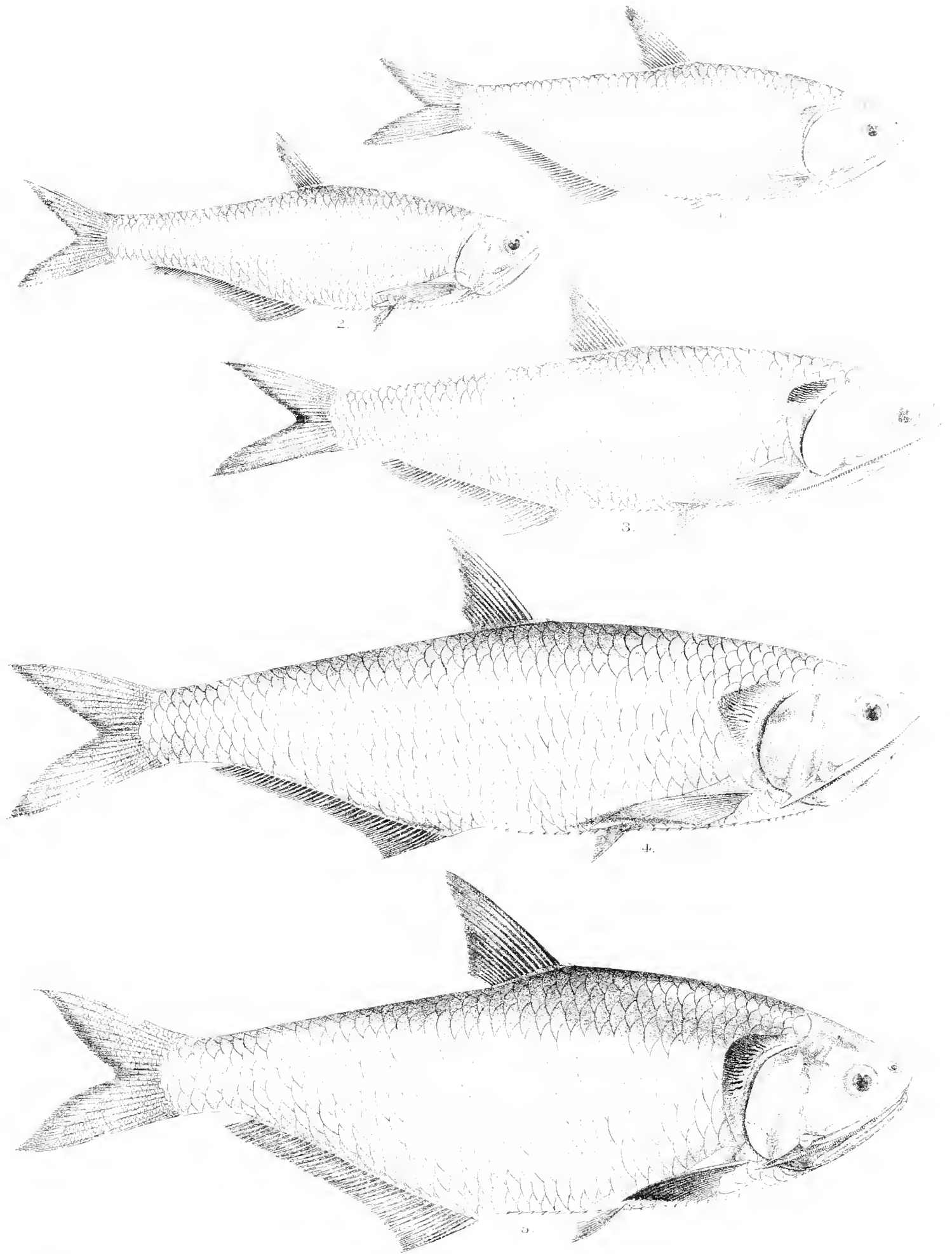


Drawn by F. M. Blanford.

Mutera Bros. imp.

1. NEMACHEILUS CORICA. 2. N. CONATUS. 3. N. SINUATUS. 4. N. AUREUS. 5. N. BOTIA. 6. N. CINCTICAUDA.  
7. N. PULCHELLUS. 8. N. BEAVANI. 9. N. RUPECOLA. 10. N. GUENTHERI. 11. N. SEMIARMATUS.  
12. LEPIDOCEPHALICHTHYS GUNTEA (VAR. BALGAPA.)





Adult size

1. COORAI. 2. TAMMALENSIS. 3. E. PURAVA. 4. E. MYSTAX. 5. E. HAMILTONII. 6. E. MALABARICUS

Macleay, Proc. Linn. Soc. New South Wales, vol. 10, p. 100, 1886, pl. 10, figs. 1-5.



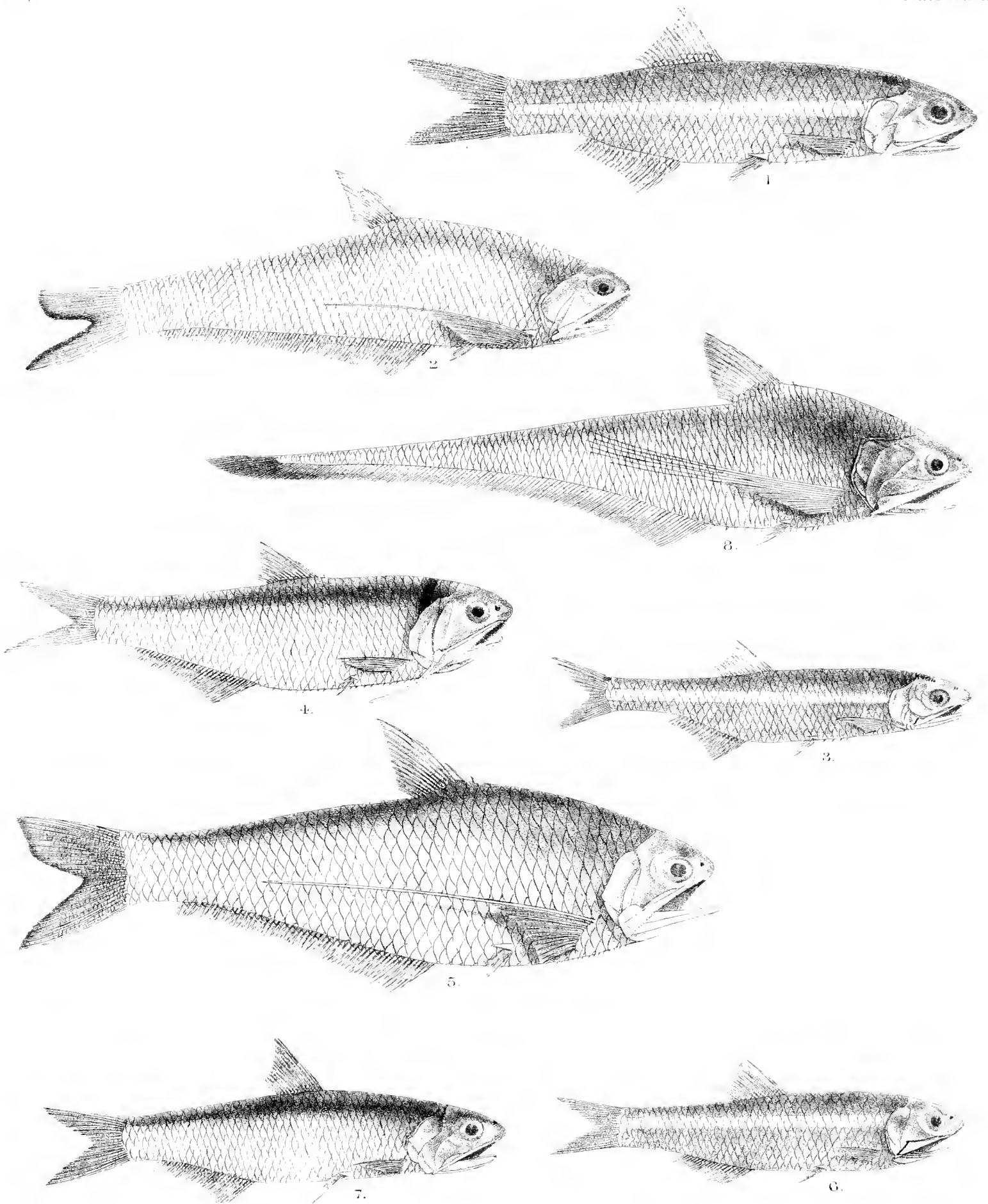
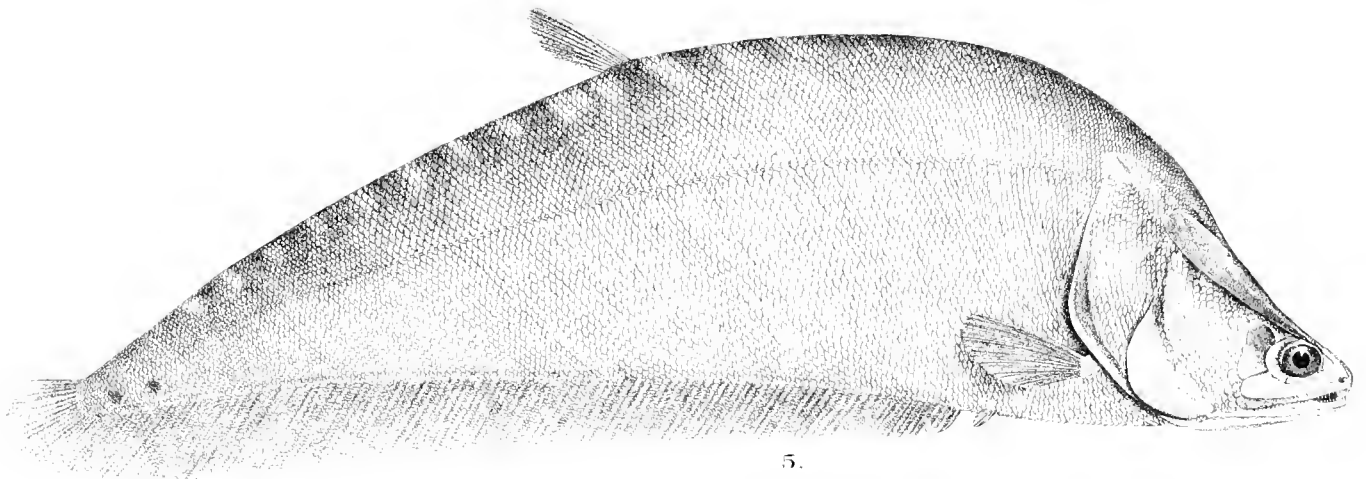
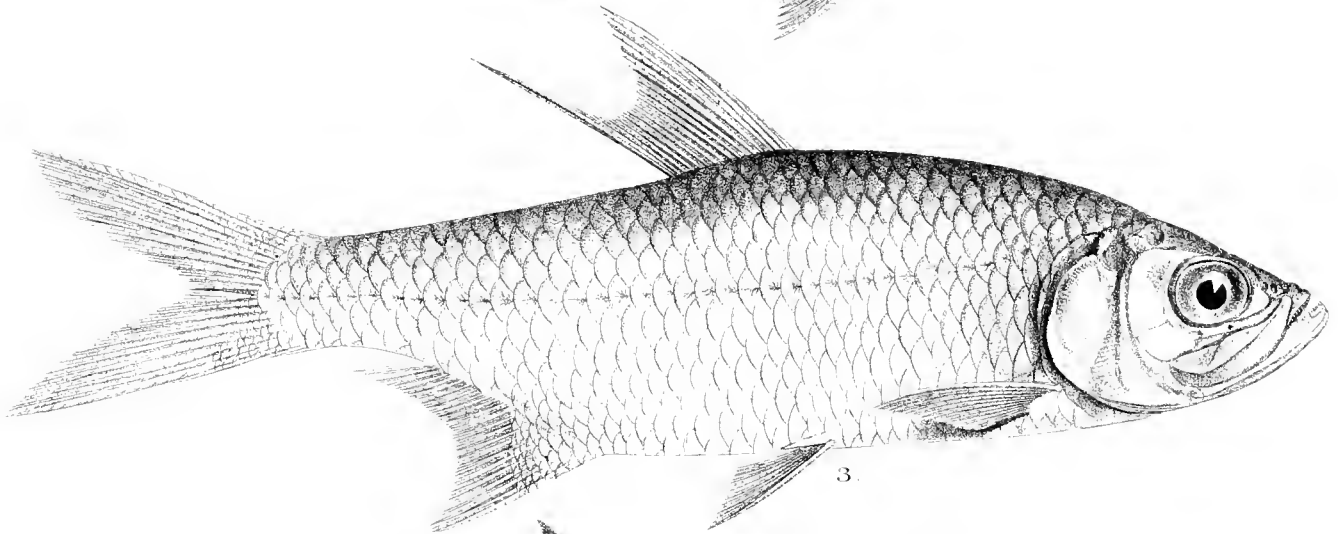
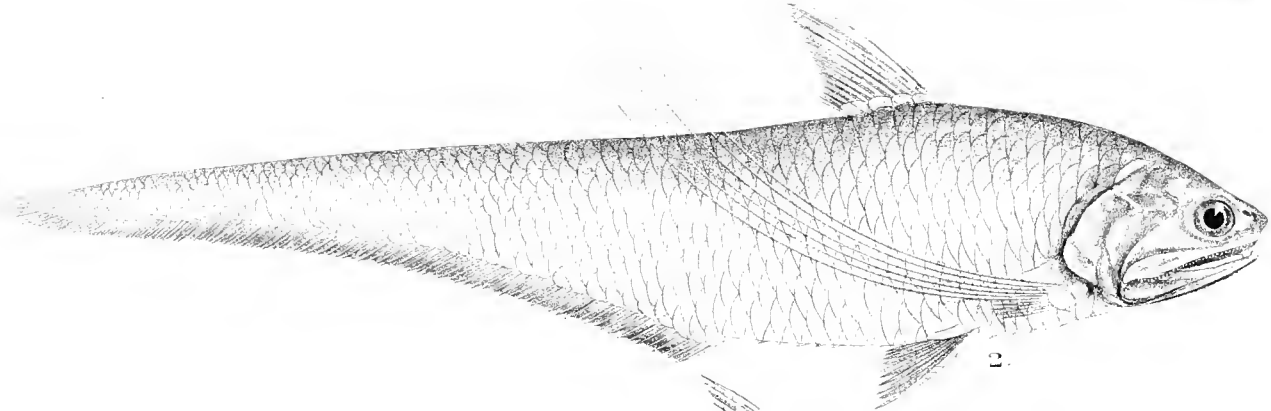
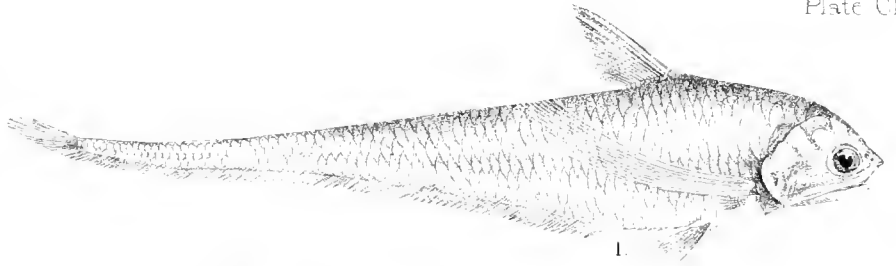


Fig. by del. R. Mittern lith.

Mittern Bros imp.

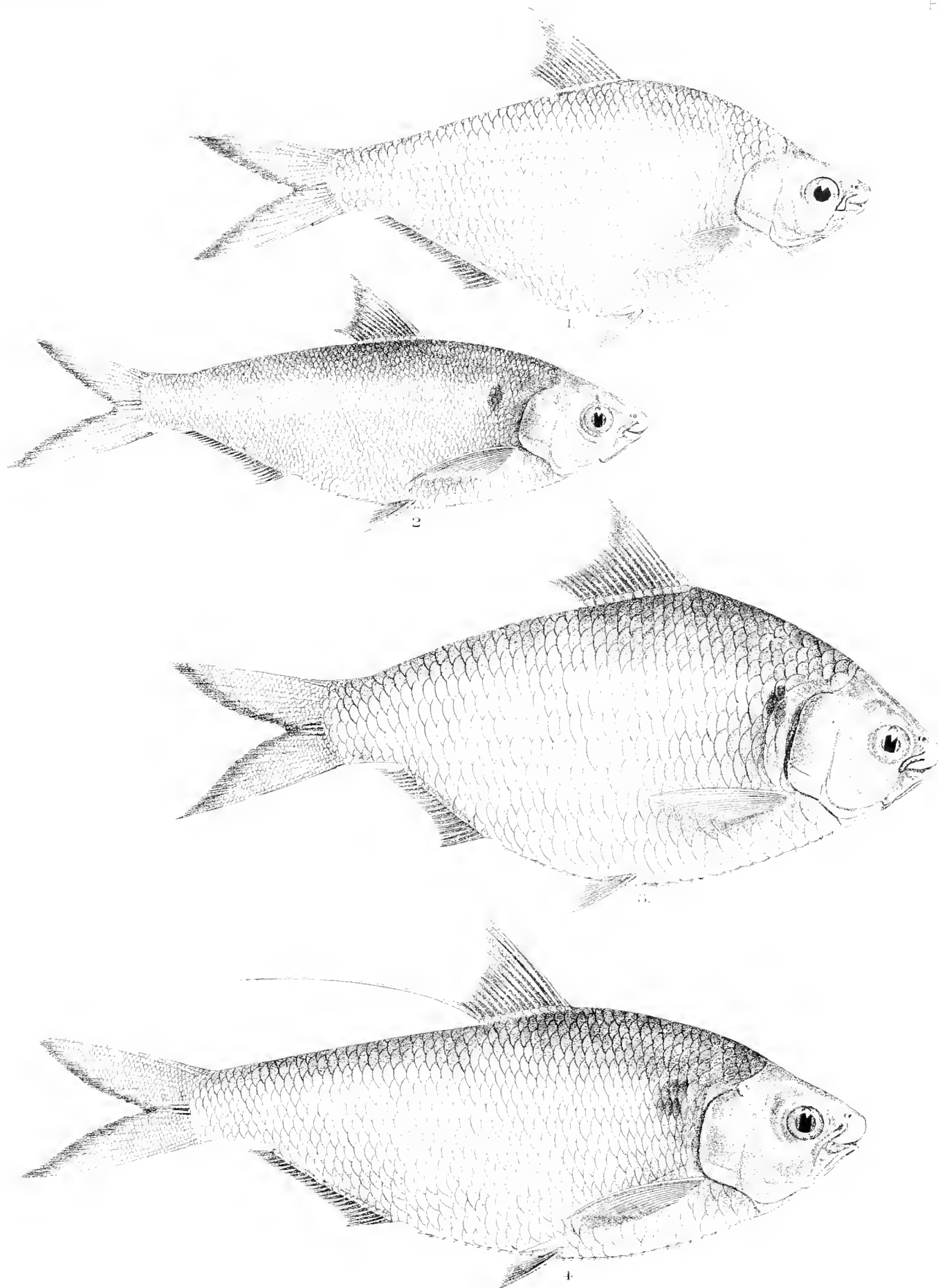
1 ENGRAULIS COMMERSONIANUS. 2. E. TELARA. 3. E. INDICUS. 4. E. DUSSUMIERI. 5. E. TATY.  
 6. E. TRI. 7. E. BOELAMA. 8. COILIA. DUSSUMIERI.



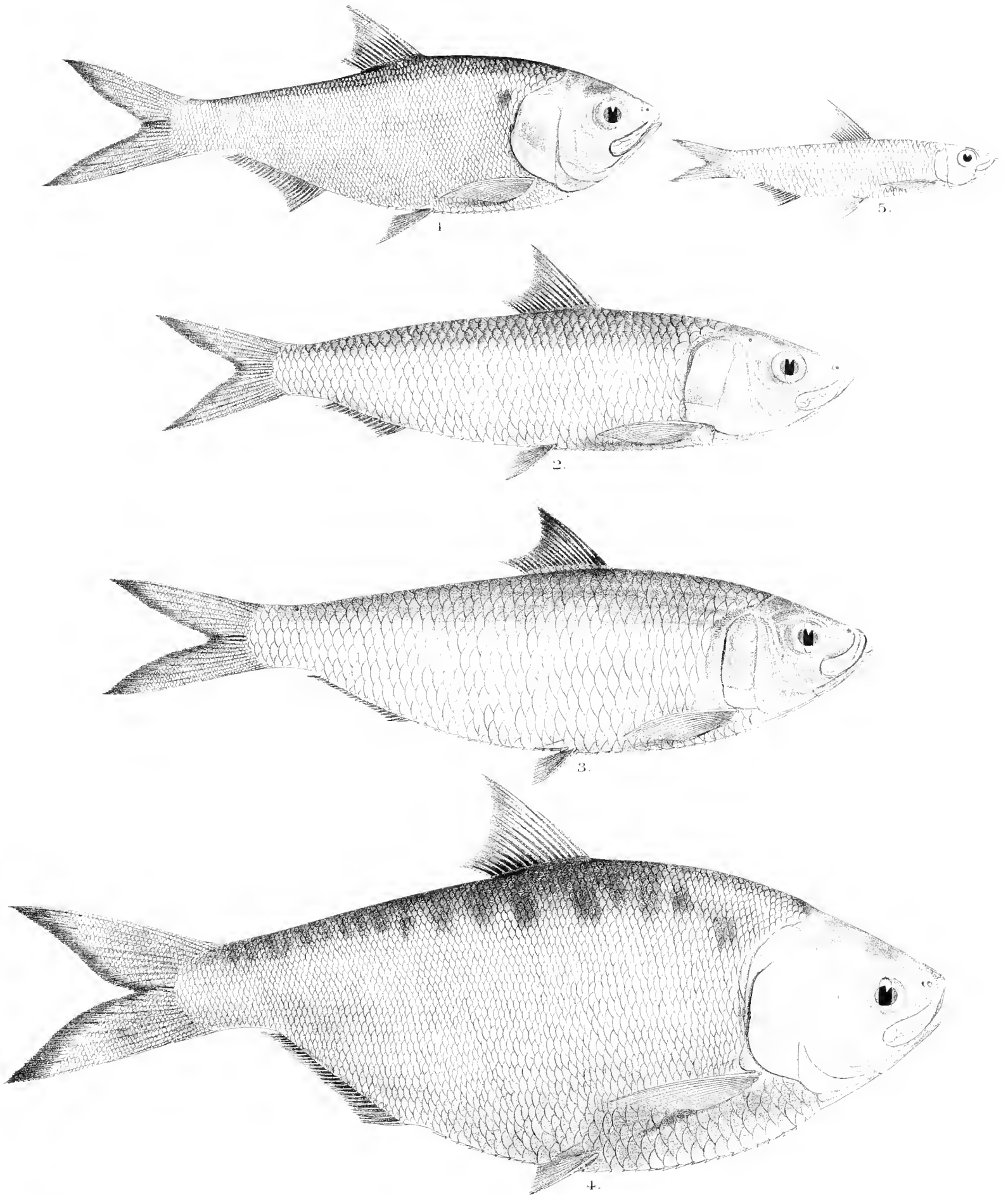








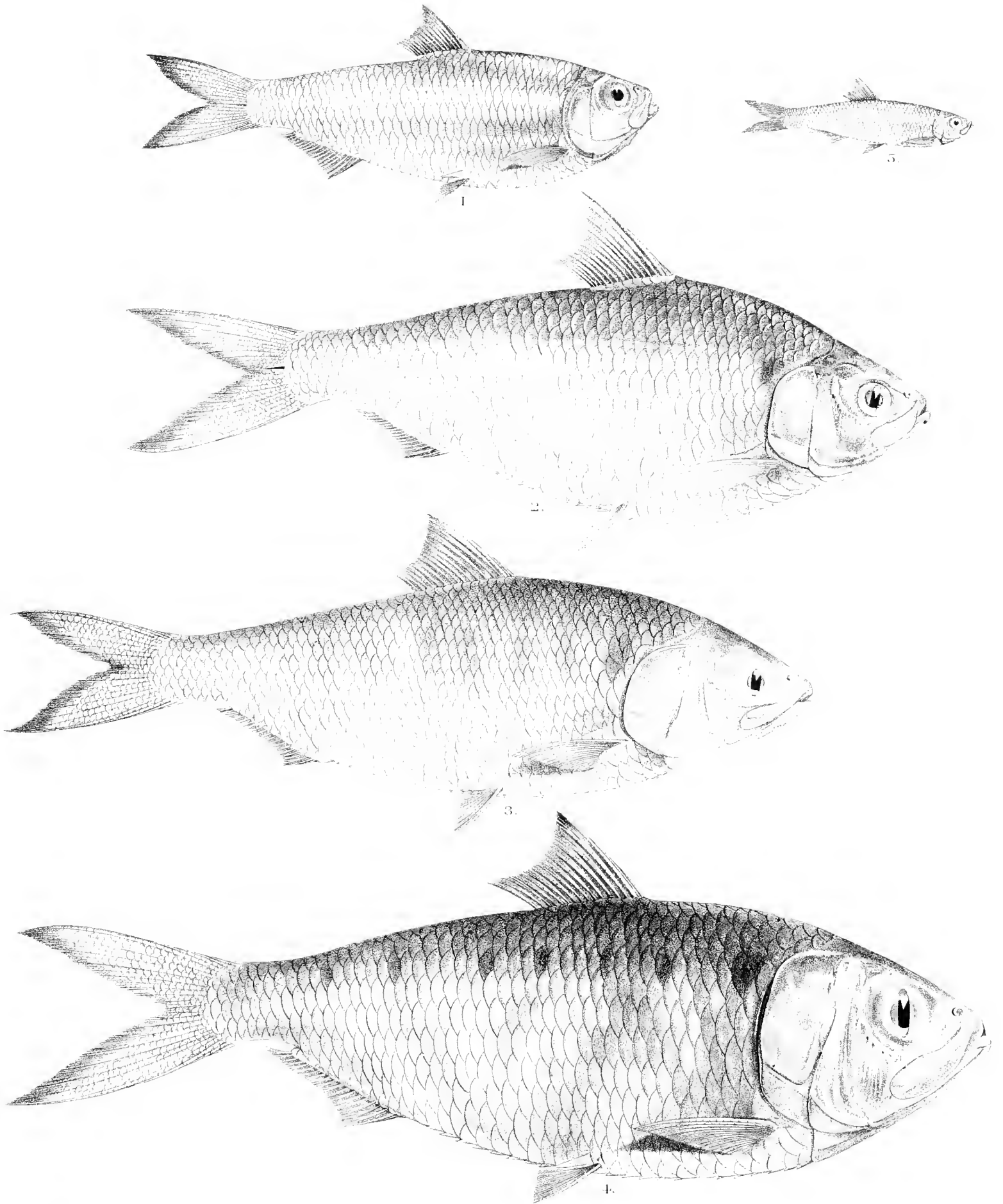




1. *CLUPEA CHAPRA*. 2. *C. LONGICEPS*. 3. *C. FIMPRIATA*. 4. *C. VARIEGATA*. 5. *SFRATELLOIDES MALABARICUS*.

Minty, 1912



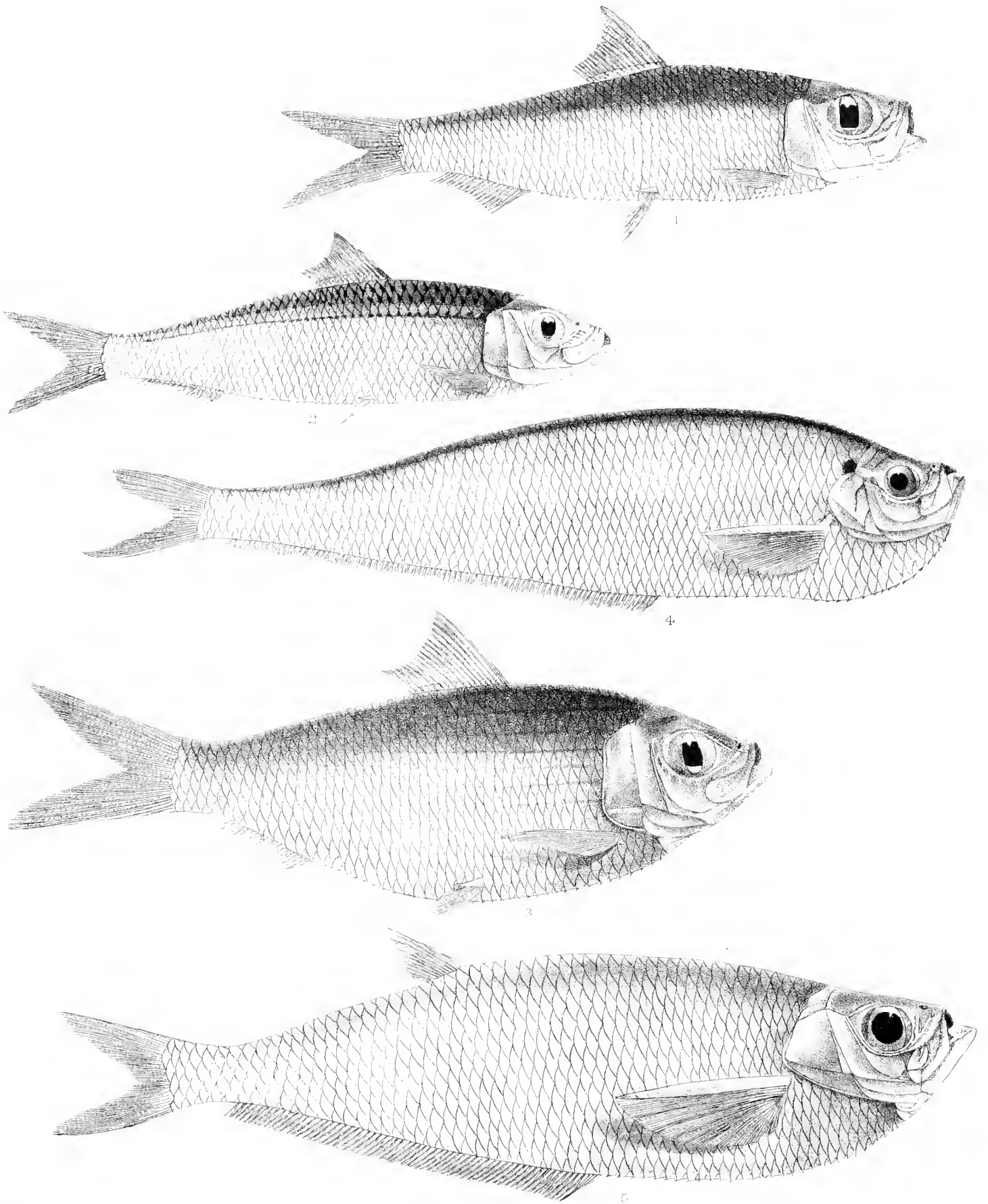


After the del. Latr.

Van der Schuer

1. LUPEA LILE. 2. POLYPTERUS WAMSHA. 3. C. ANA BURTA. 4. COPICA. 5. BORNNA.





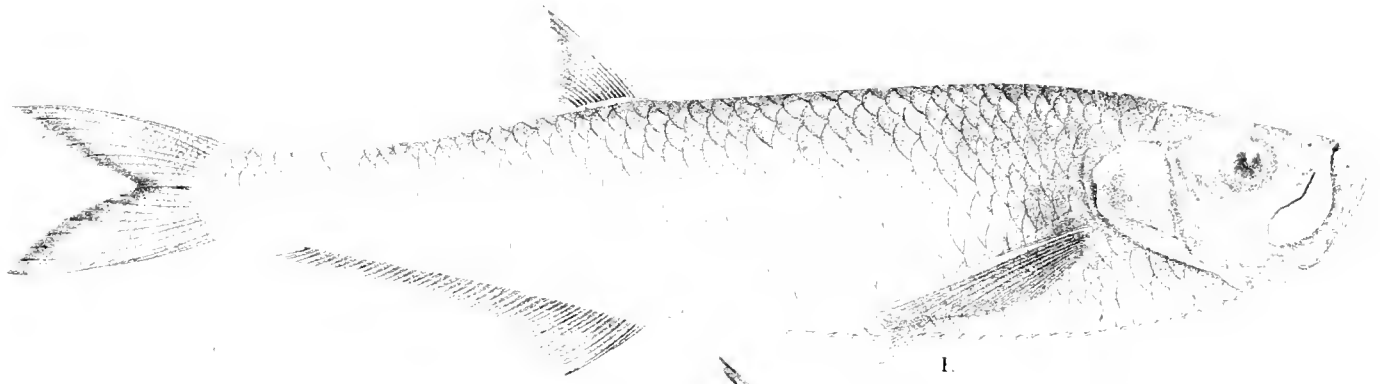
F. Day del.

Mantem. Lith. 1881

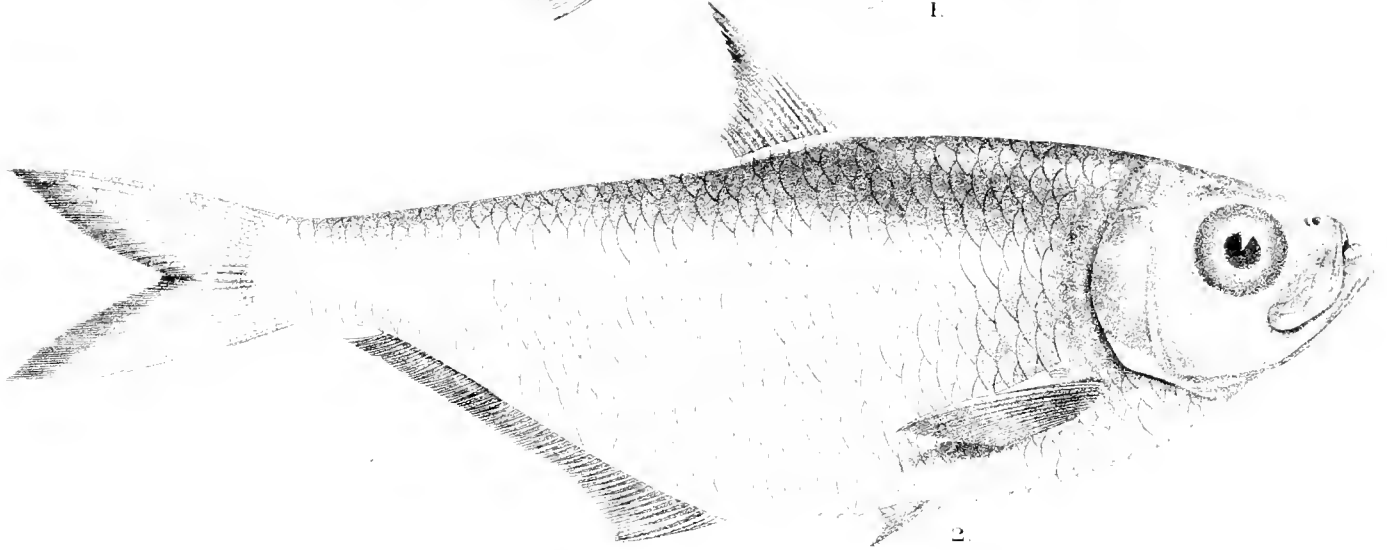
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 5 OPISTHOPTERUS TARTOOR







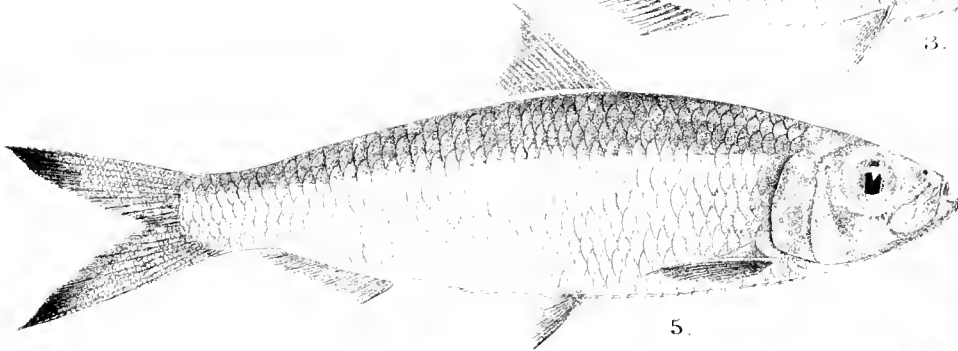
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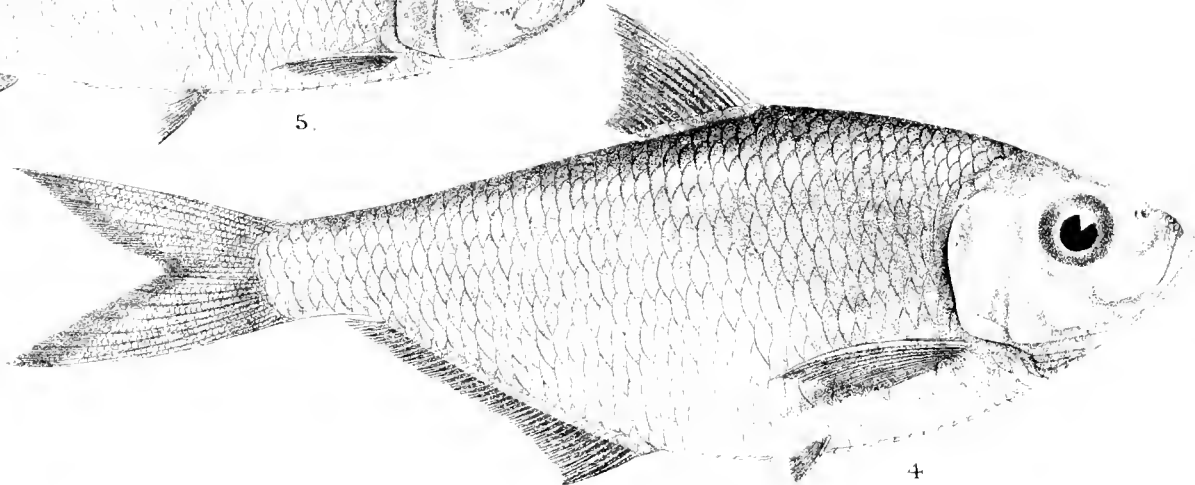
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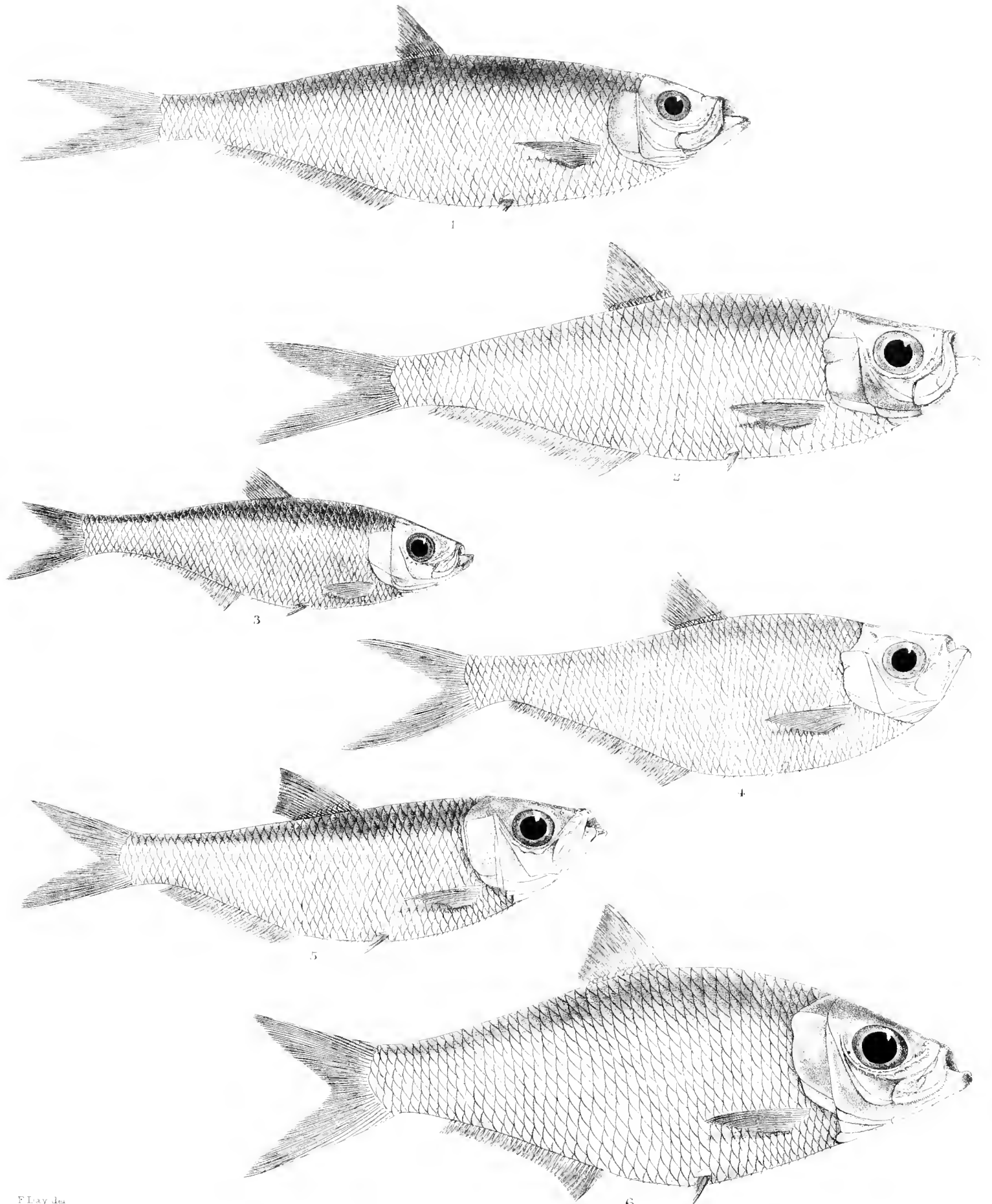


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4.



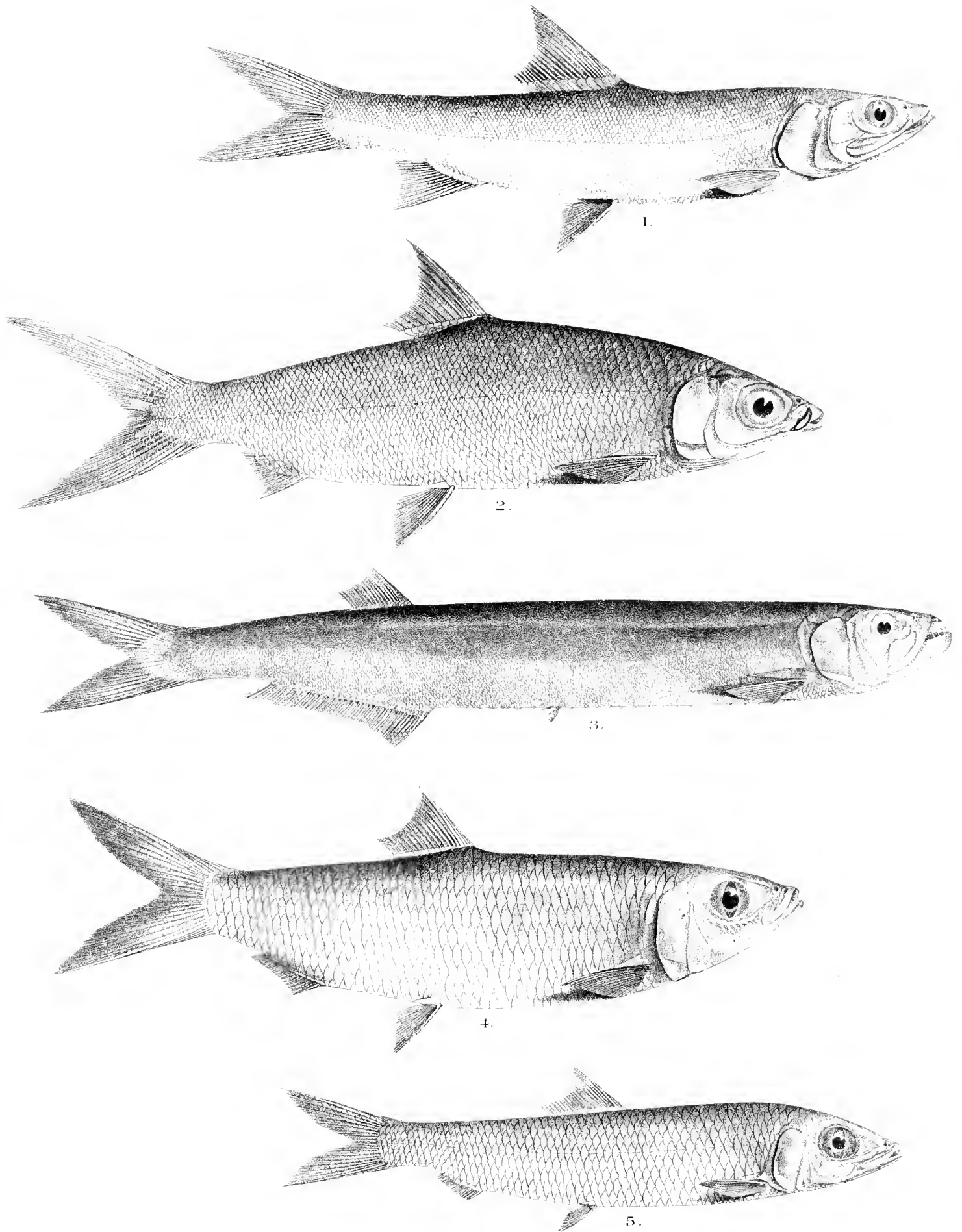


1 PELLONA ELONGATA 2 P. MEGALOPTERA 3 P. MOTIUS 4 P. FILIGERA  
5 P. DITCHELA 6 P. HOEVENII.

F. Lay den

Mintern Bro my



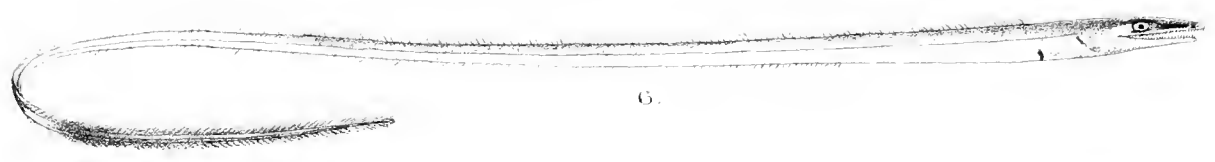
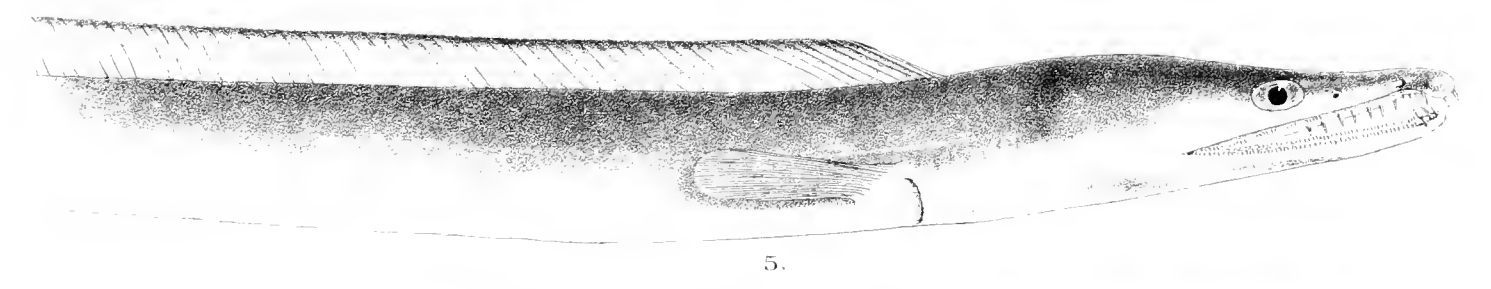
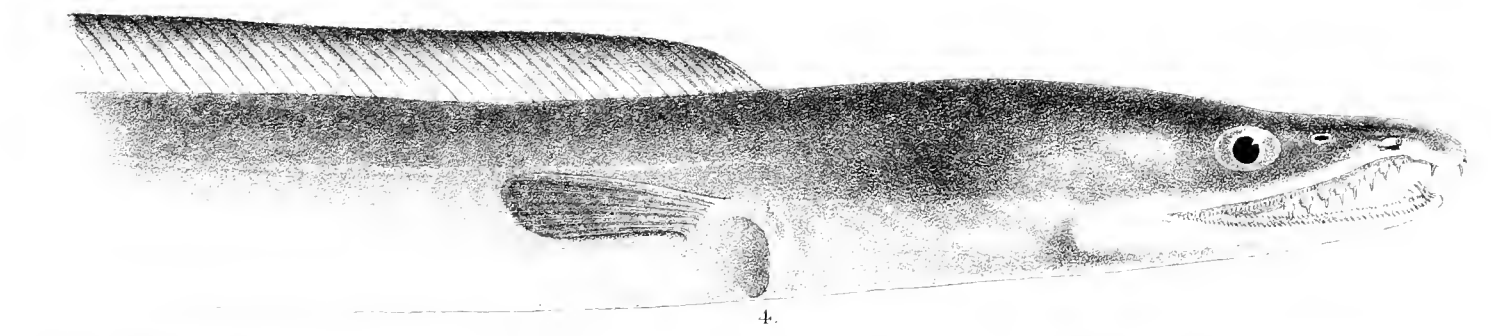
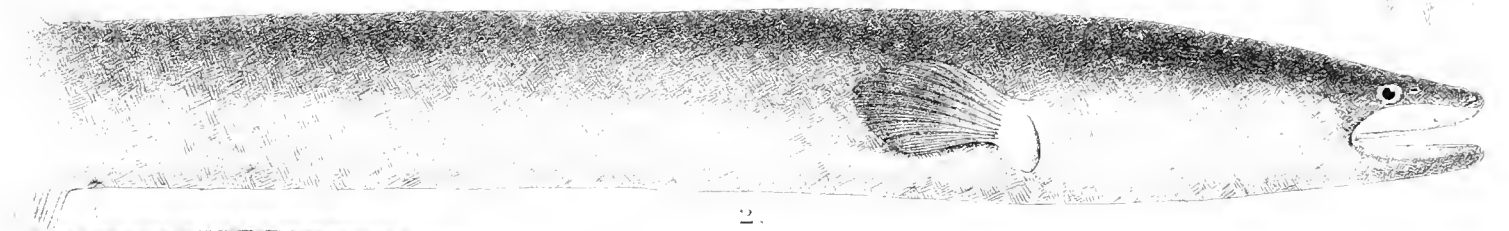
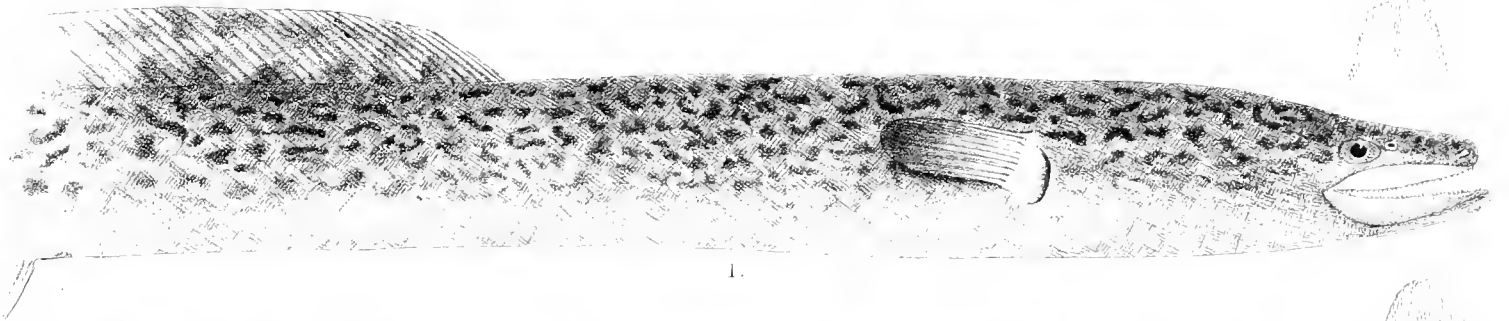


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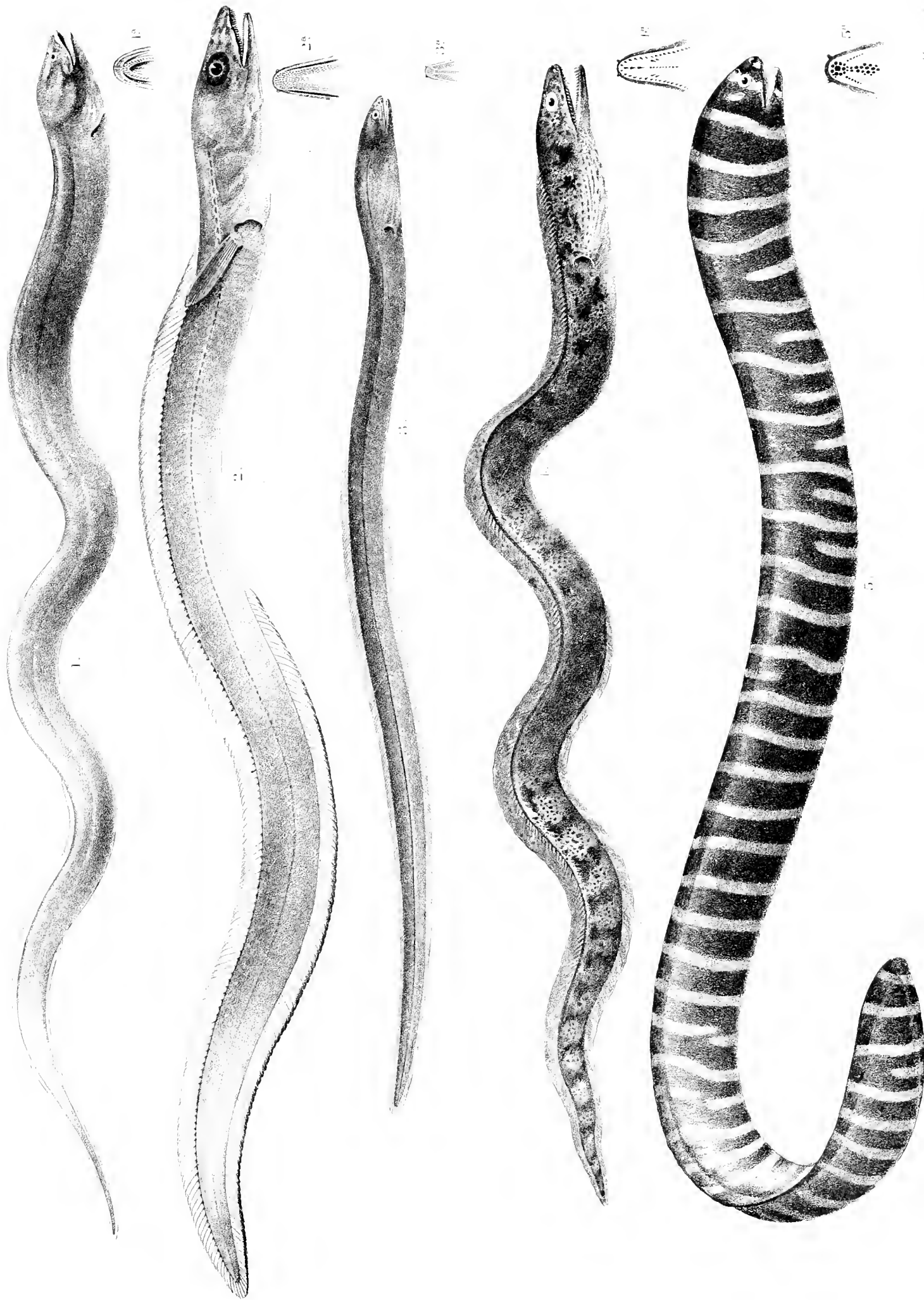


Drawn by R. M. M. lith.

Mantren. Ed. imp.

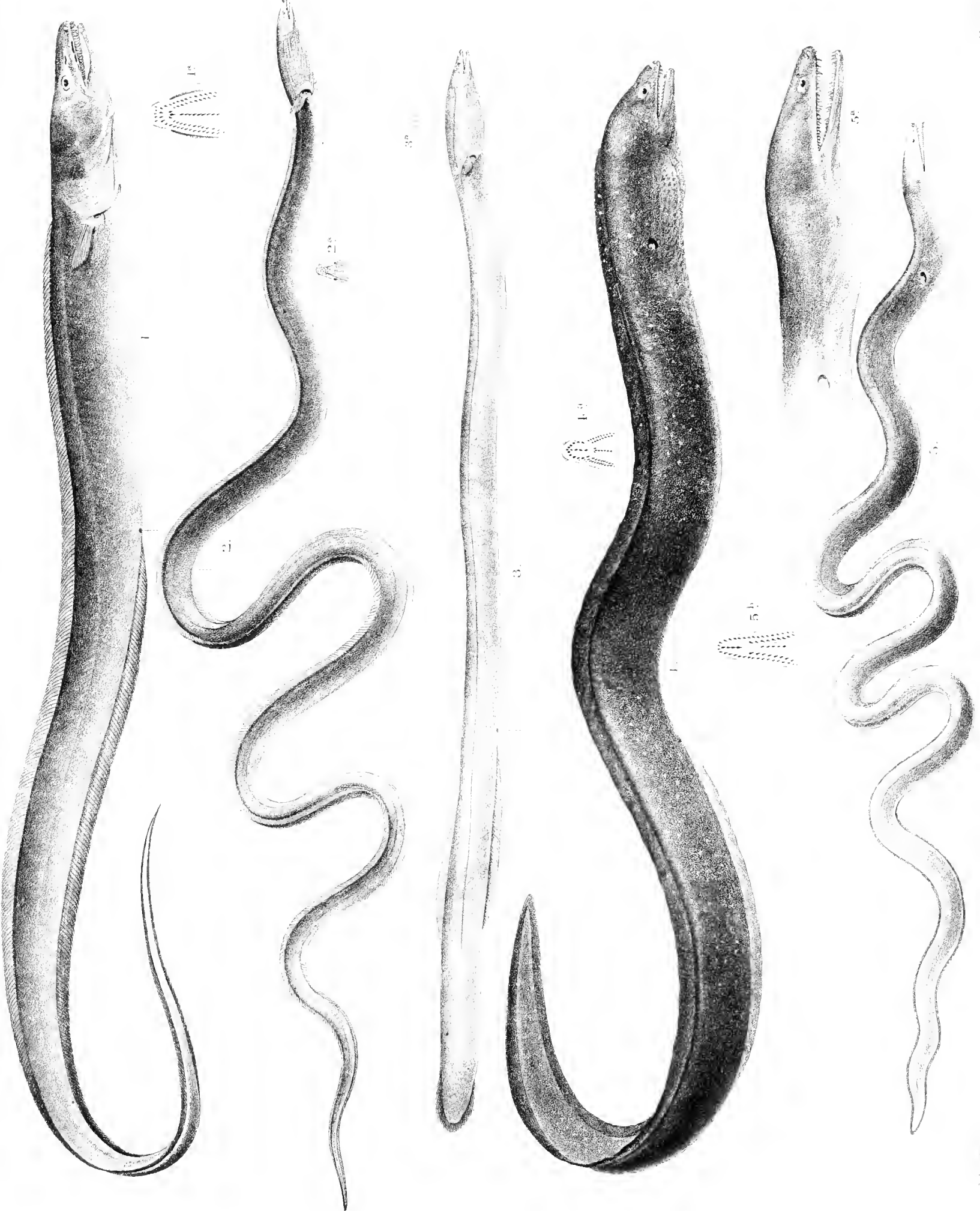
1. ANGUILLA BENGALENSIS. 2. A. BICOLOR. 3. MURENESOX TELABONOIDES. 4. M. CINEREUS. 5. M. TELABON. 6. SAURENCHELYS PETERSI.

1777  
1778  
1779



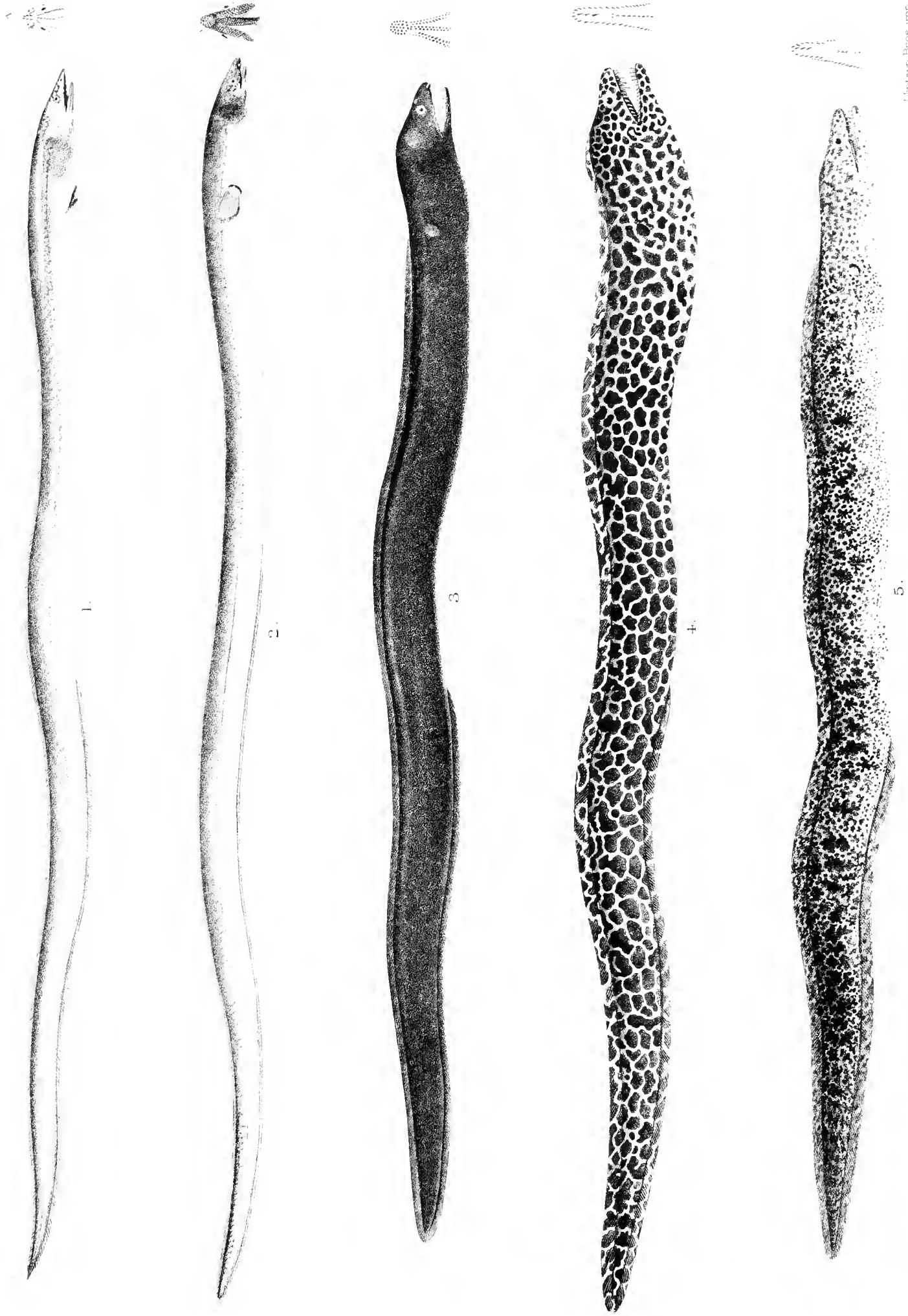
1. MICHONTERUS JAVANENSIS. 2. CONGROMURÆNA ANAGO. 3. MURÆNA POLYZONA. 4. MURÆNA FURCATA. 5. MURÆNA SCHULTZEI.

UNIVERSITY CITY  
CAMBRIDGE MA USA



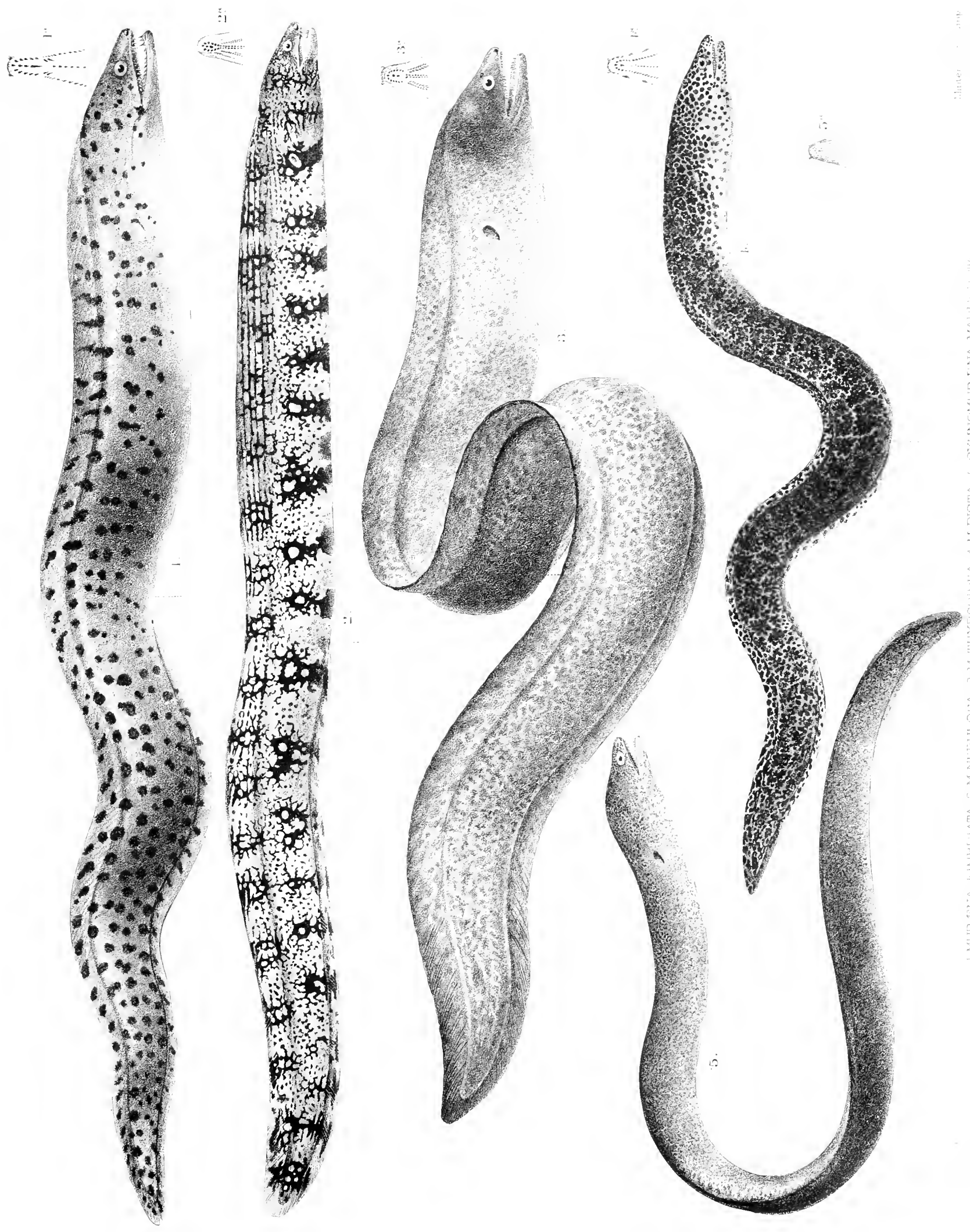
1. *UROCHILTER LEPTOCEPHALUS*. 2. *PHICHITHYS MICROCEPHALUS*. 3. *MORINGIA RATAPEJUA*. 4. *MURZEN*.

11A  
KING CITY  
CAMDEN, NJ USA



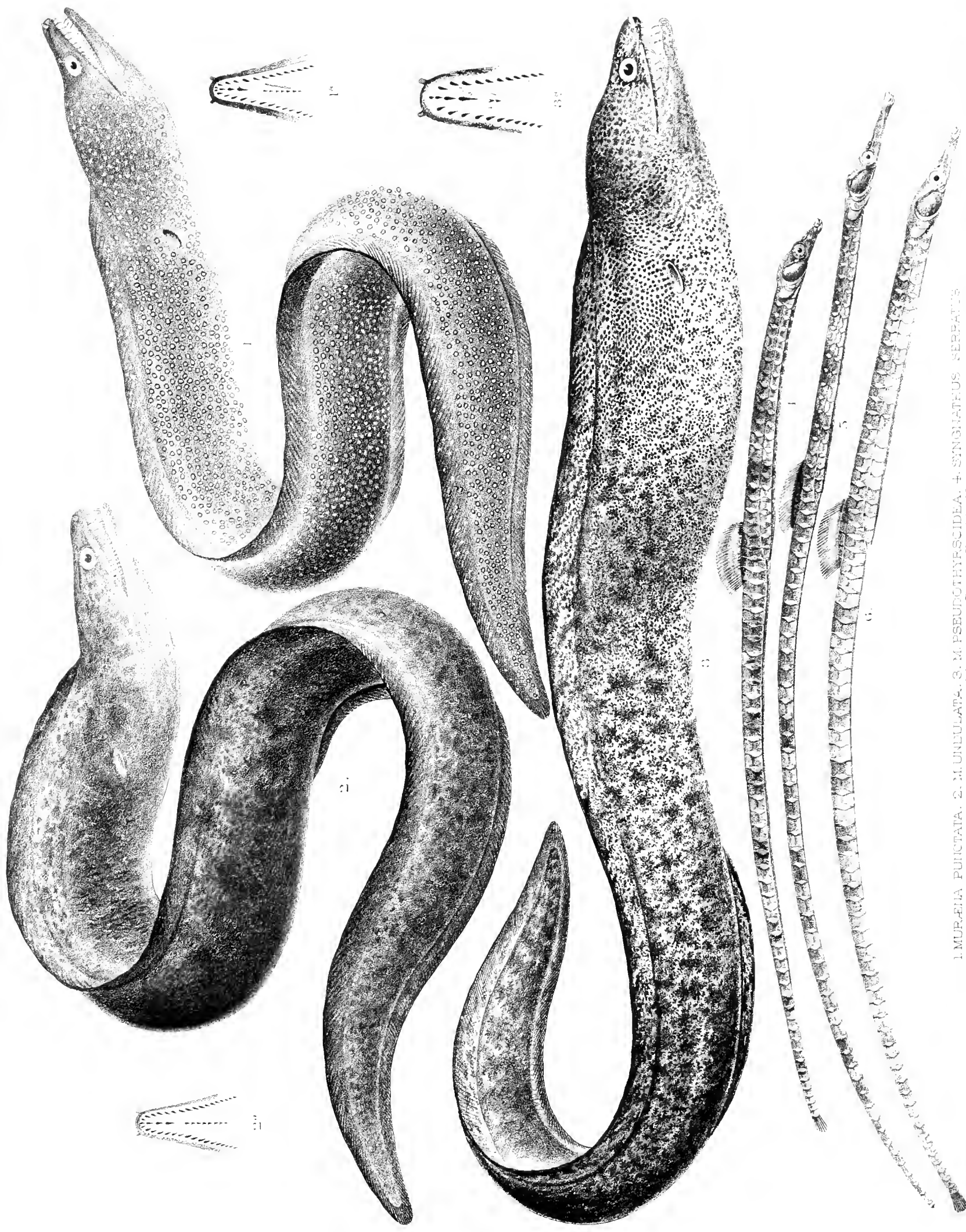
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1. MURÆTA FIBRILIATA. 2. M. NEBULOSA. 3. M. THYRSOIDEA. 4. M. PICTA. 5. GYMNOURÆNA MARKUSIANA.

1000  
C



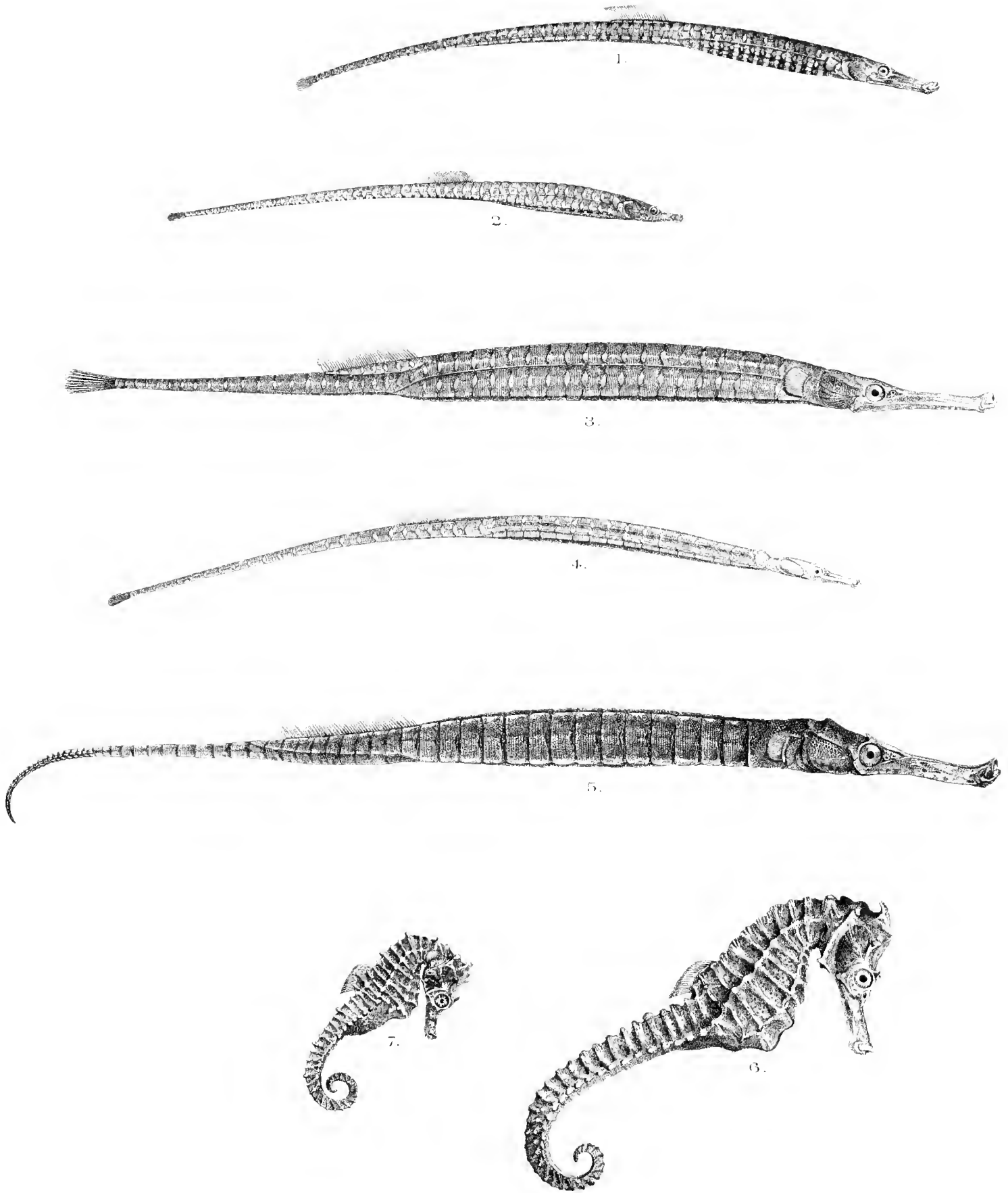
1. MURÆIA PUNCTATA. 2. M. UNDEULATA. 3. M. PSEUDOTHYRSOCIDEA. 4. SINGNIATHUS SERRATUS.  
5. S. LONGIROSTRIS. 6. S. INTERMEDIUS.

Scale 1/2 mm.

Scale 1/2 mm.

Scale 1/2 mm.





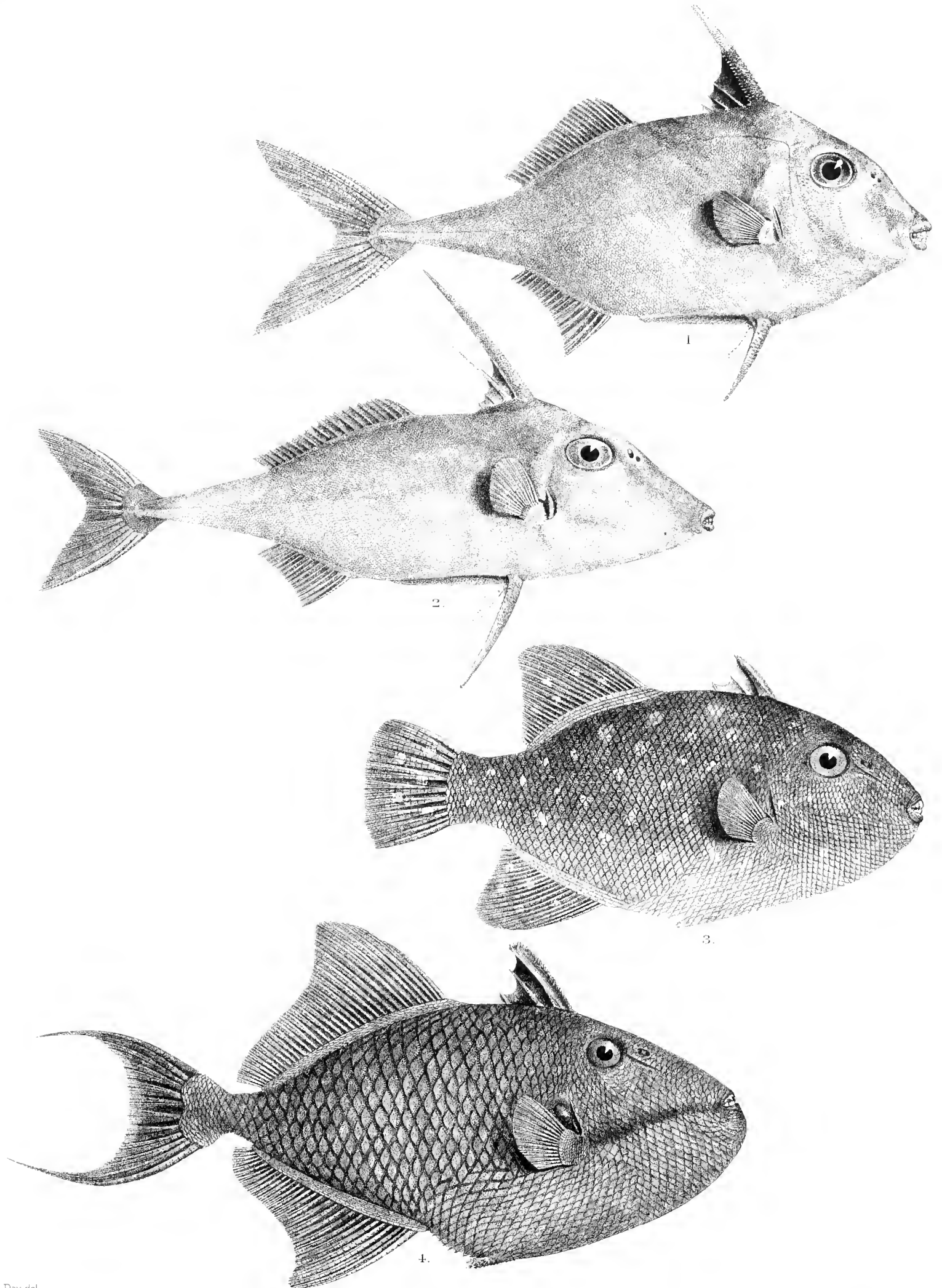
J. Adaltes lith

Mintern Press nyp

1 SYNGNATHUS SPICIFER. 2. ICHTHYOCAMPUS CARCEL. 3. DORYICHTHYS BLEEKERI. 4. D. CUNCULUS.  
5. GASTROTOKEUS BIACULEATUS. 6. HIPPOCAMPUS GUTTULATUS. 7. H. TRIMACULATUS.

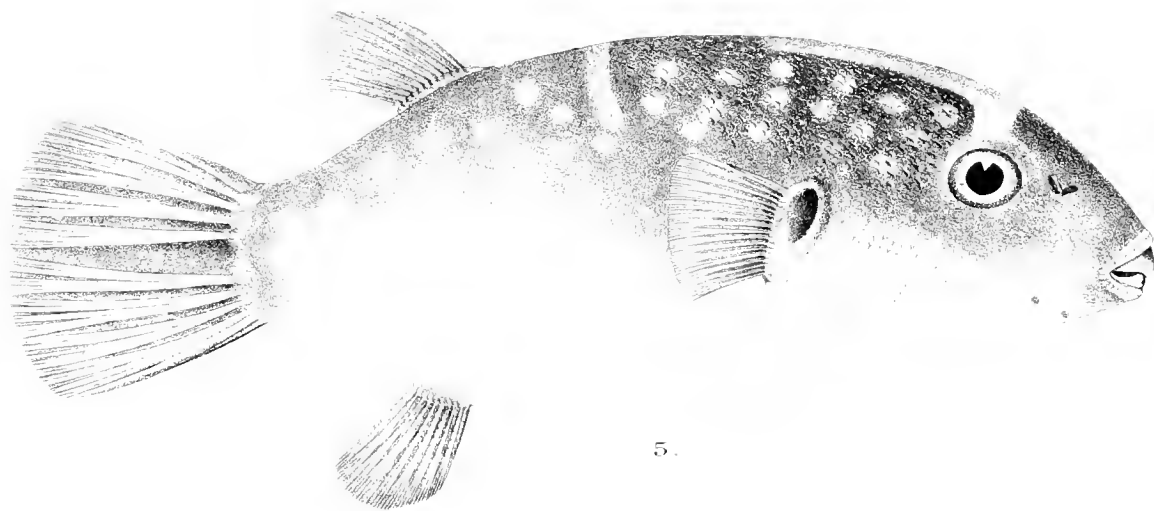
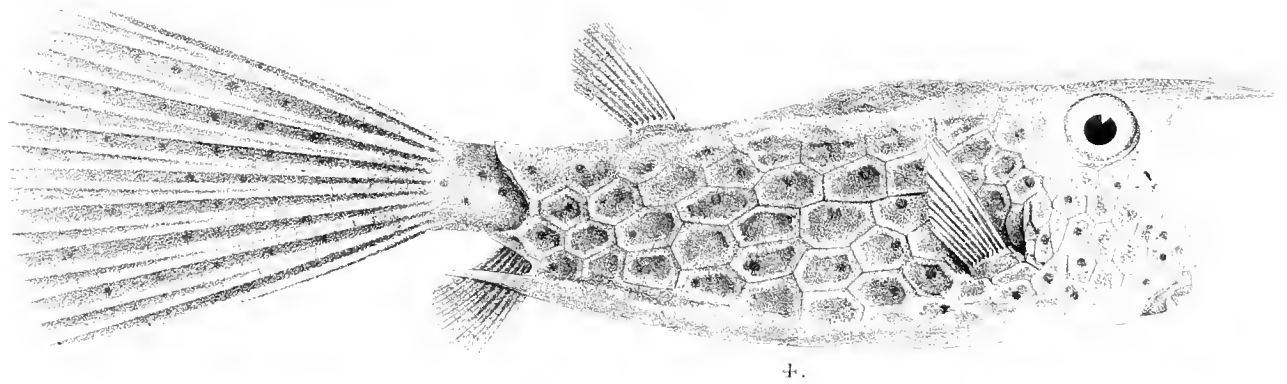
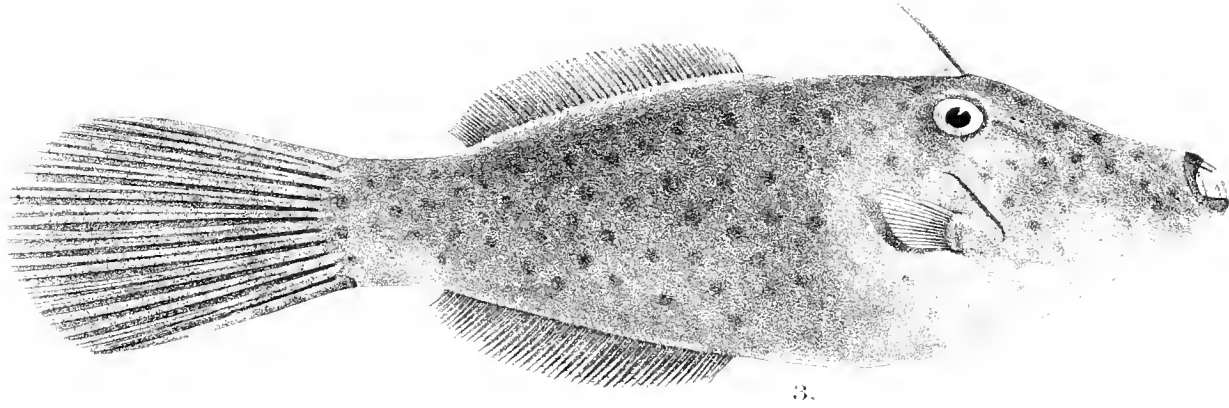
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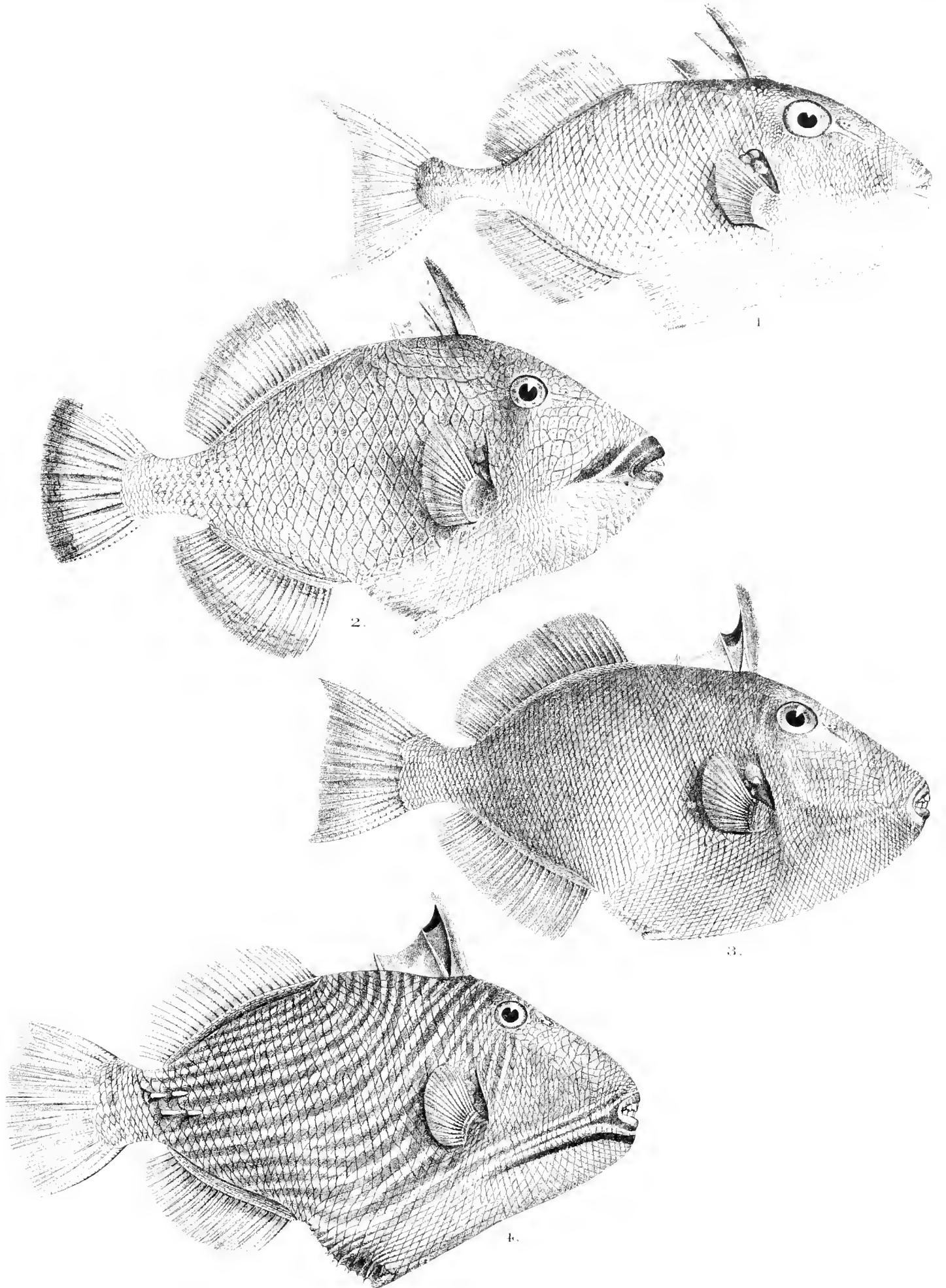




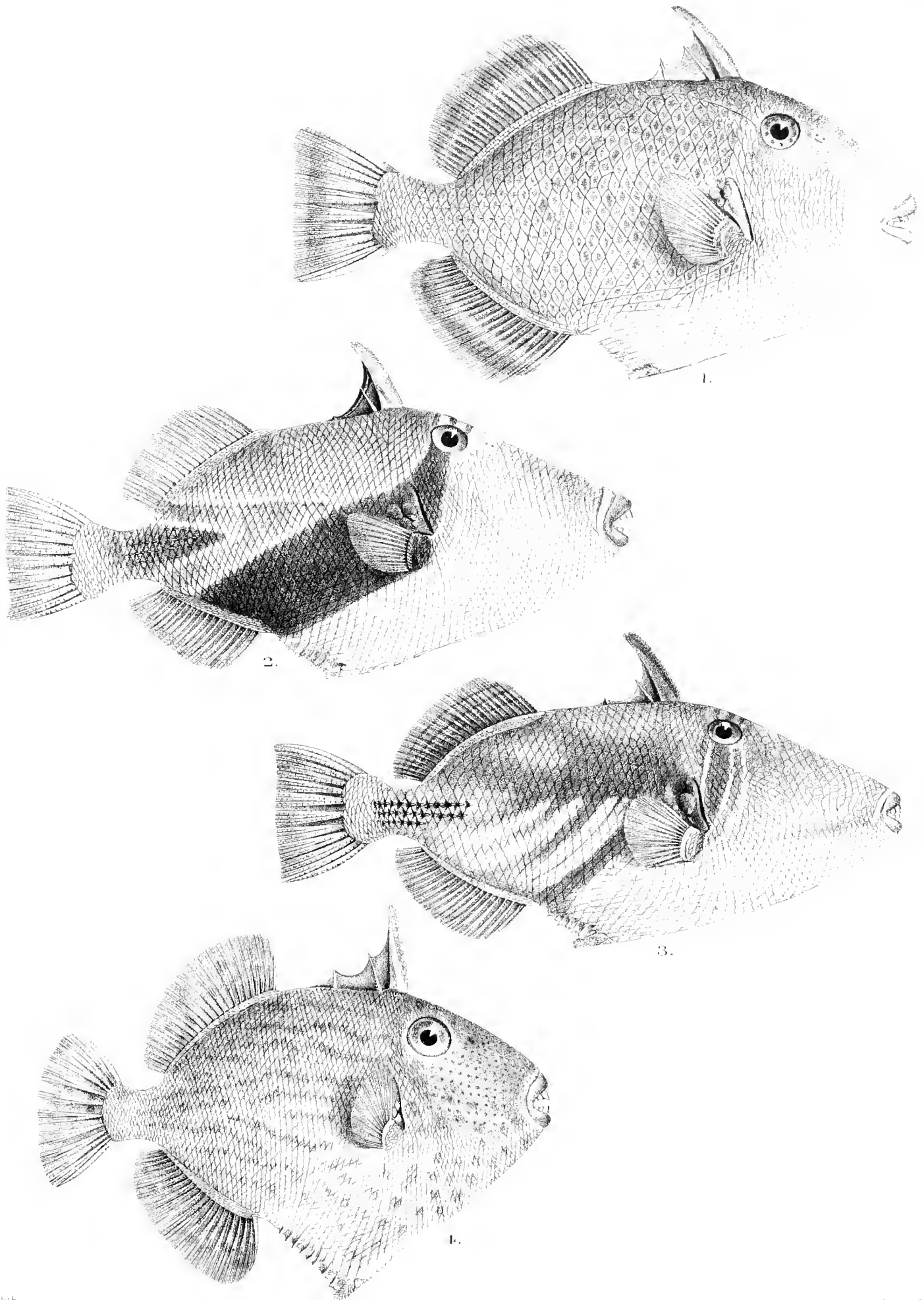


1 ACENTRONURA CRACILLIMA. 2. HIPPOCAMPUS HYSTRIX. 3. ANACANTHUS SCRIPTUS.  
4. OSTRACION CORNUTUS 5. TETRODON VIRIDIPUNCTATUS.

H/  
C

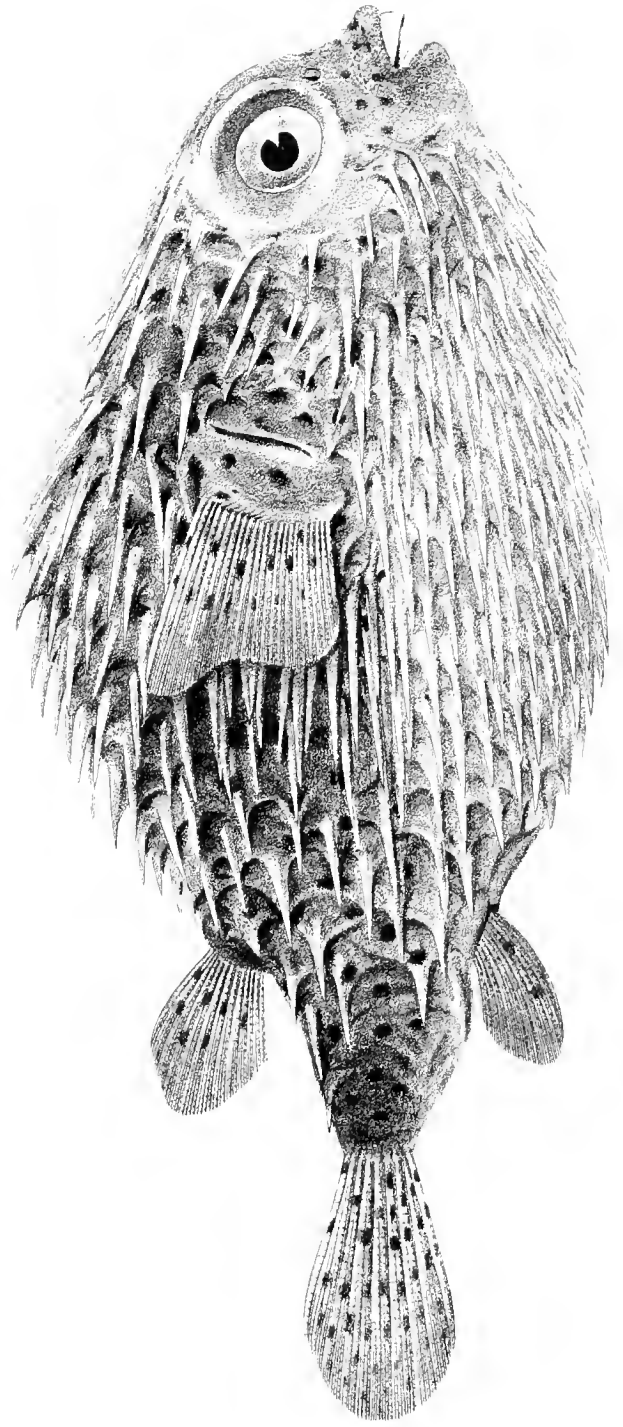
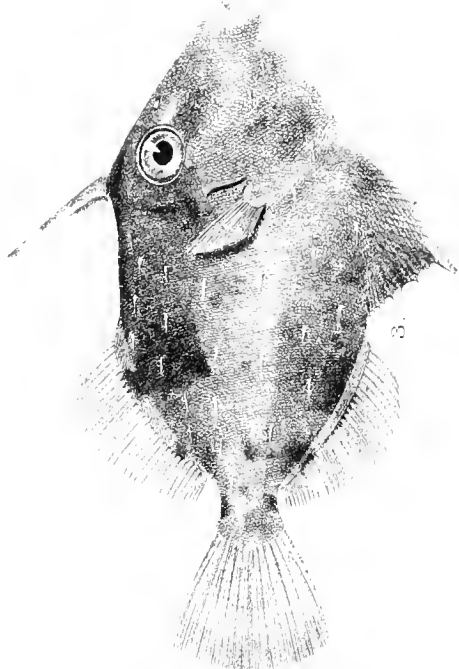
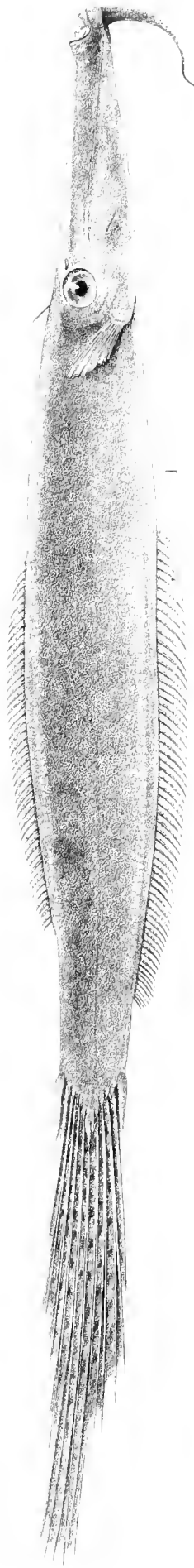


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C



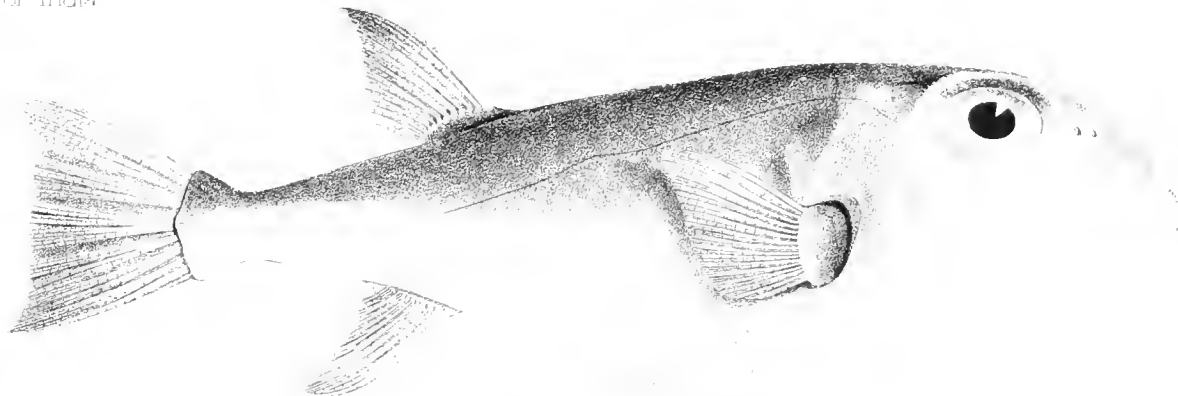
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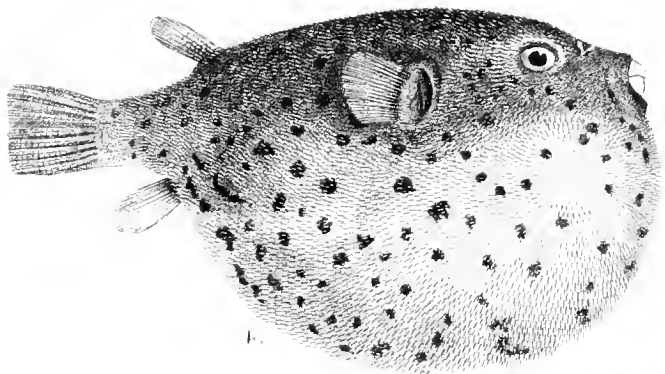


M  
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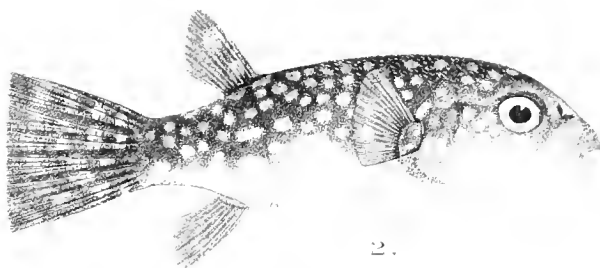




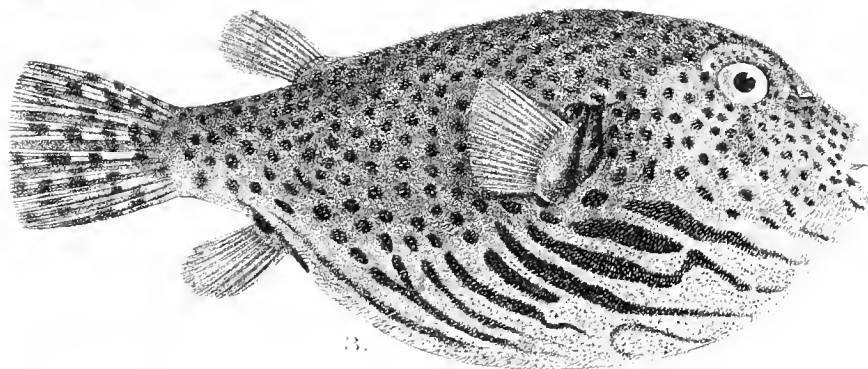
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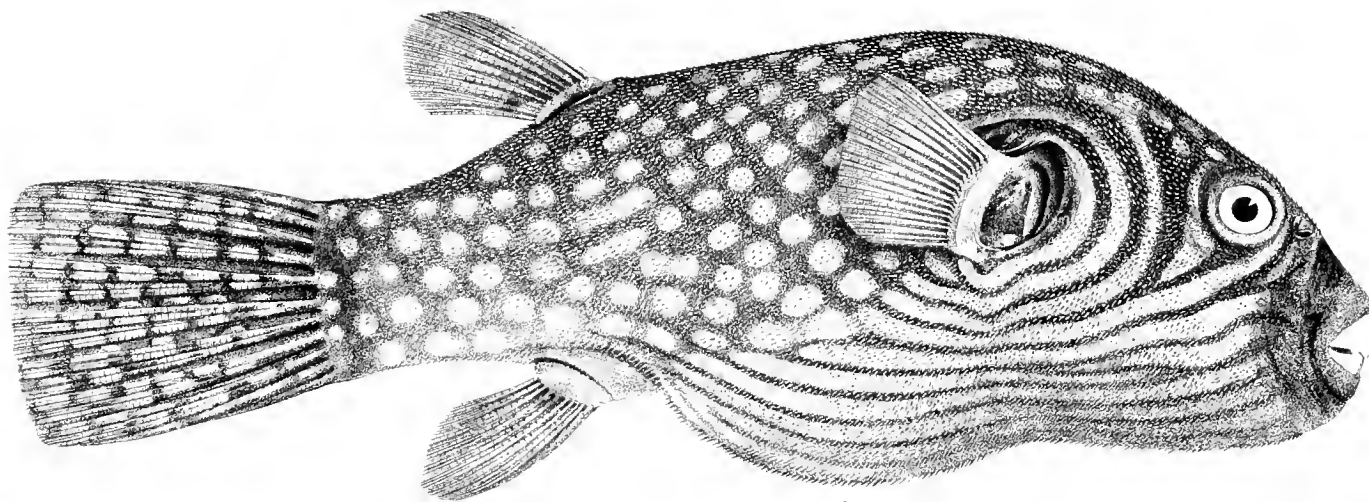
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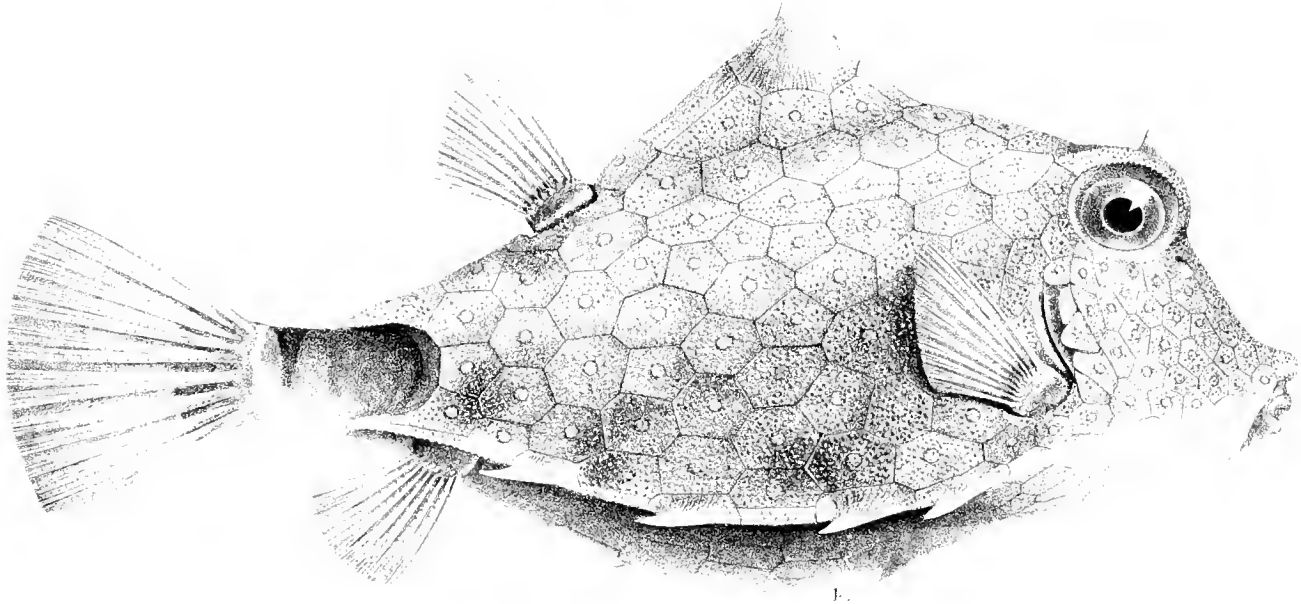
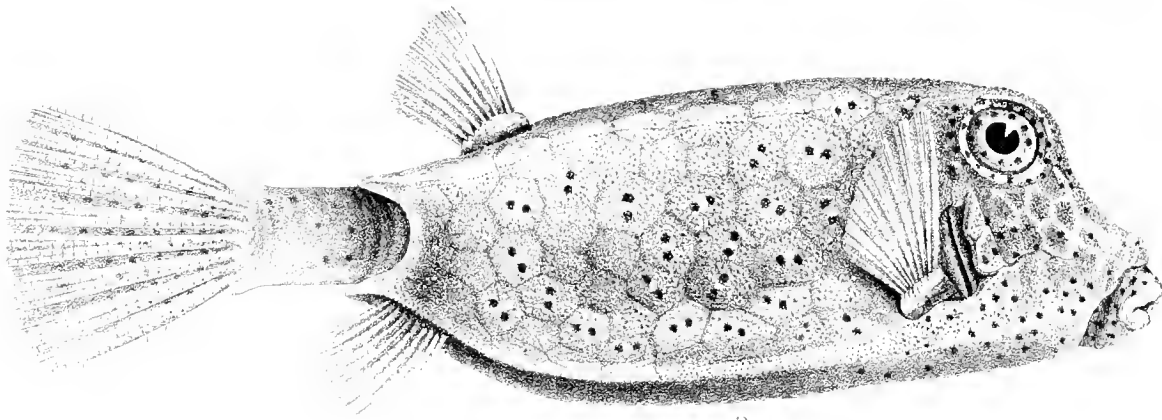
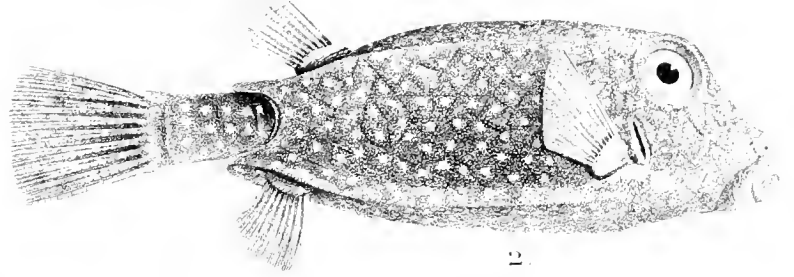
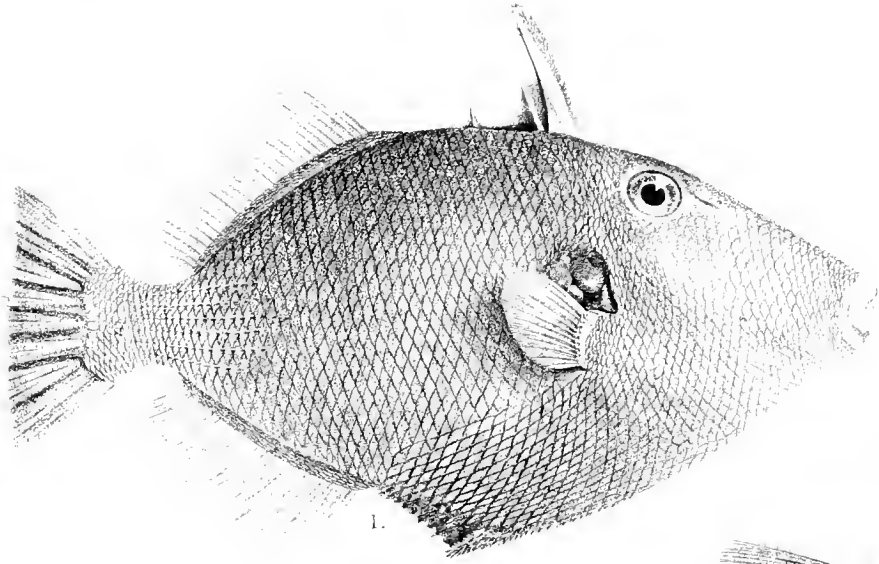


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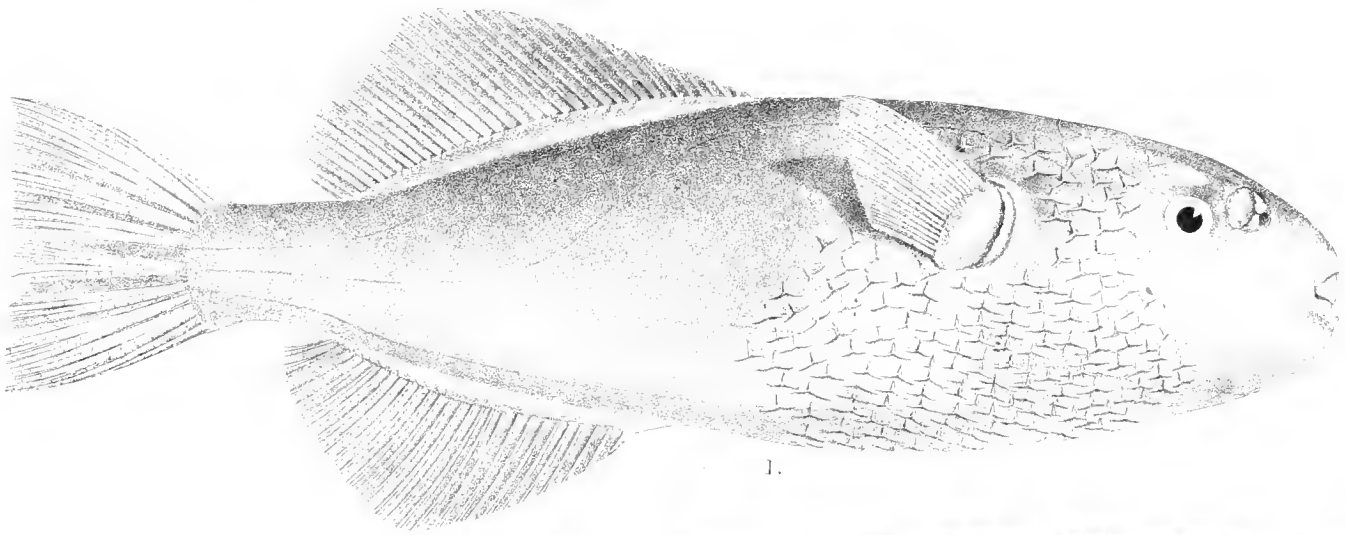


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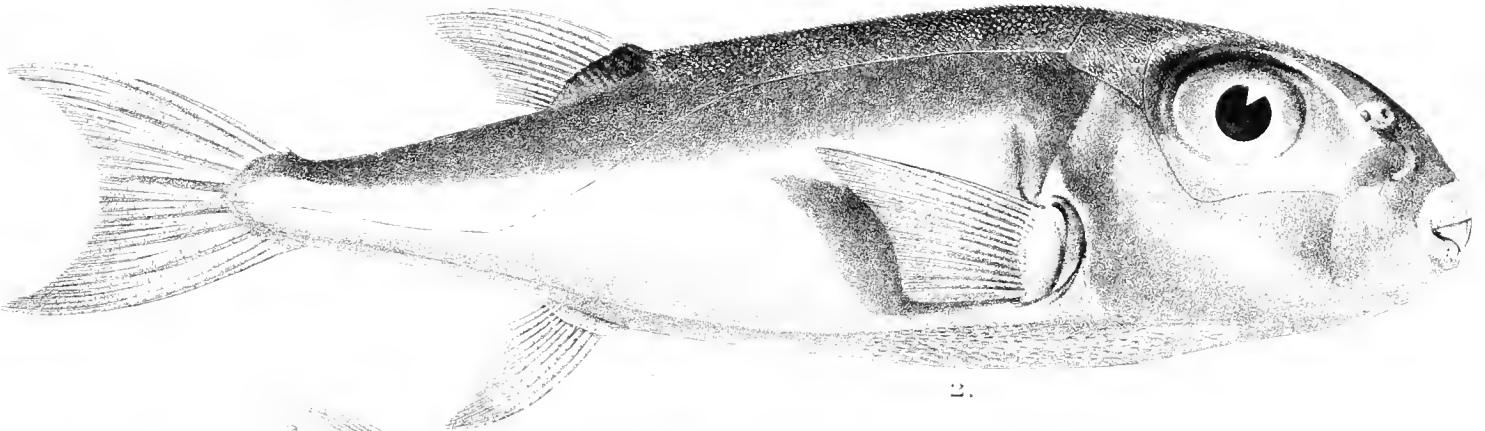




HAT  
C/20



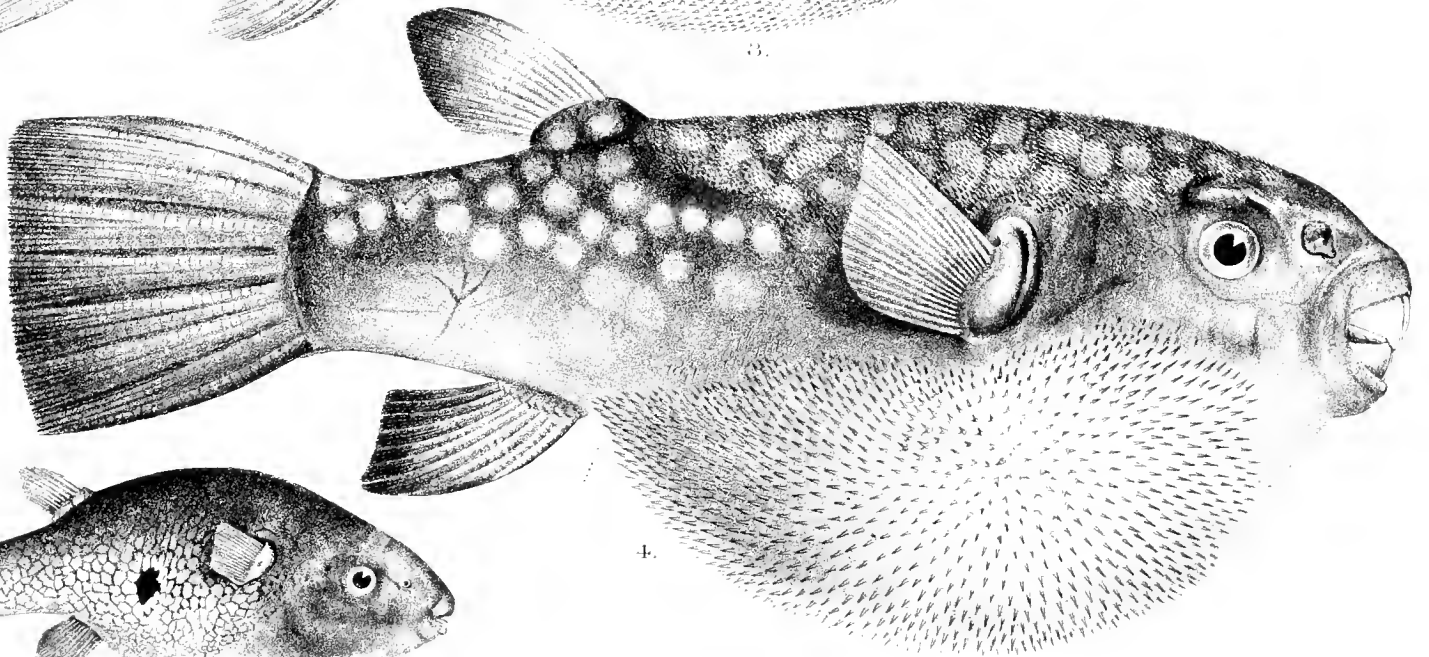
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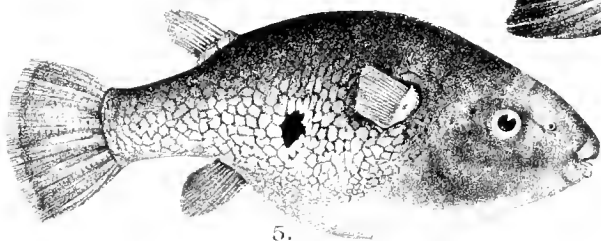
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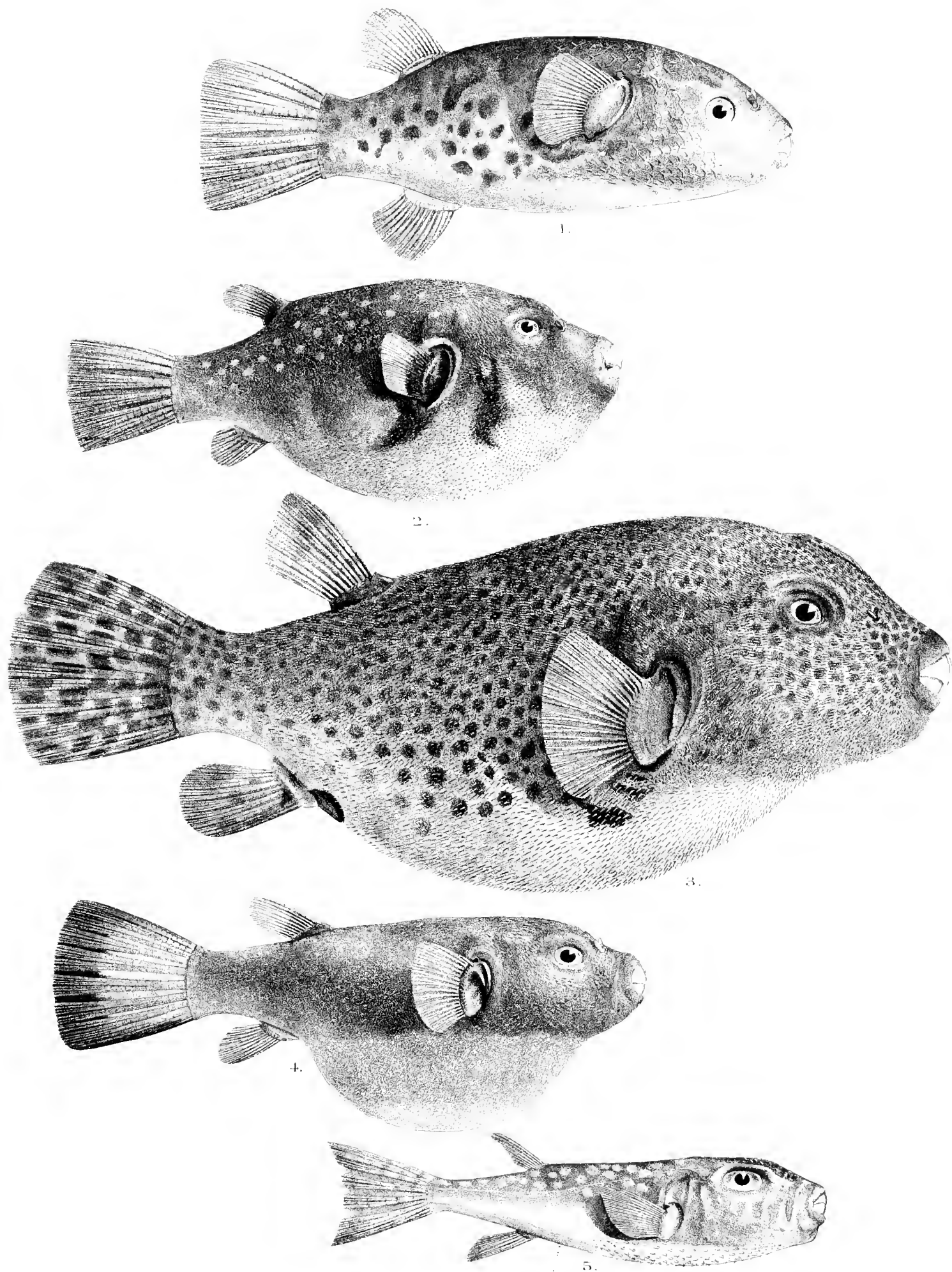


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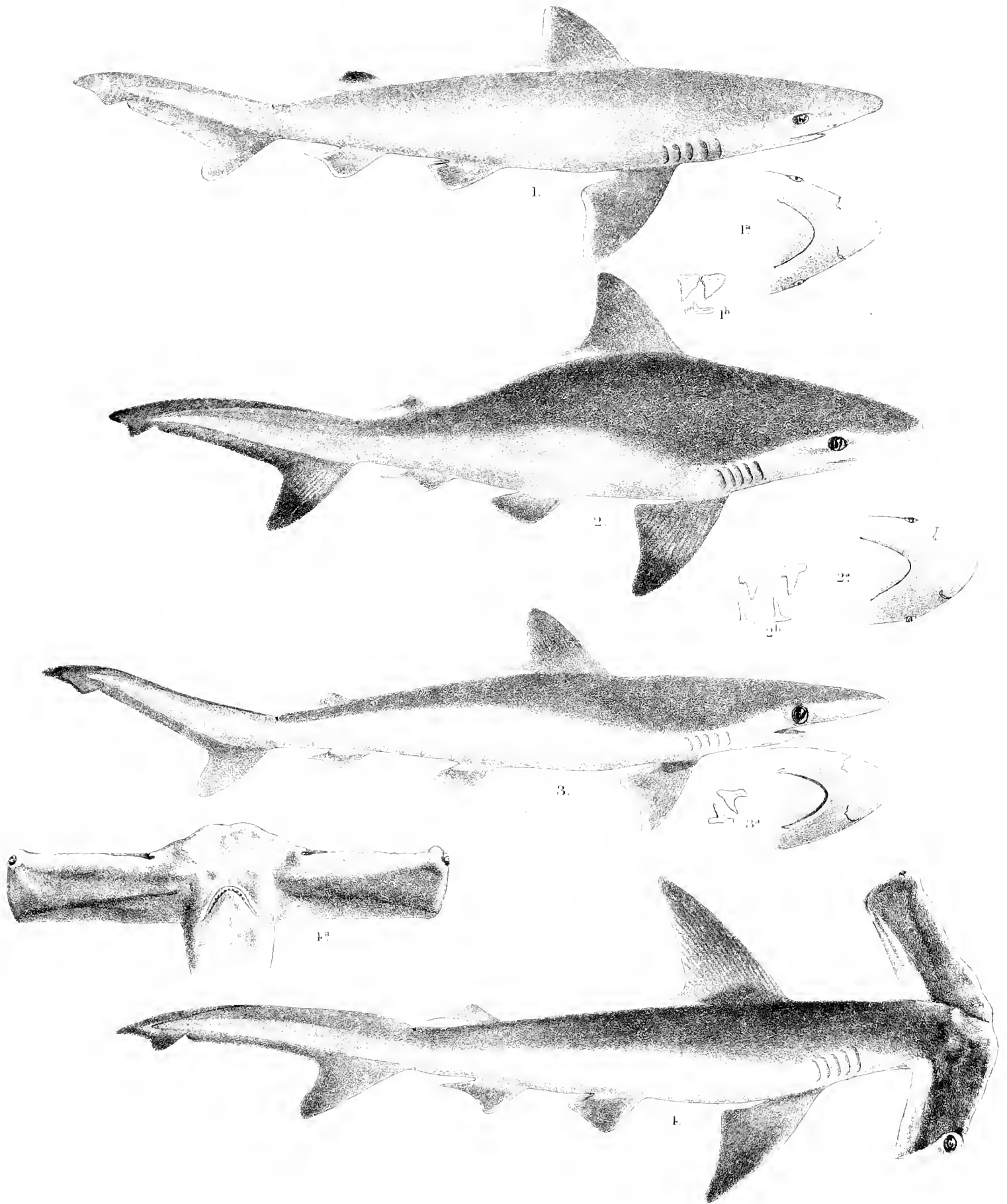
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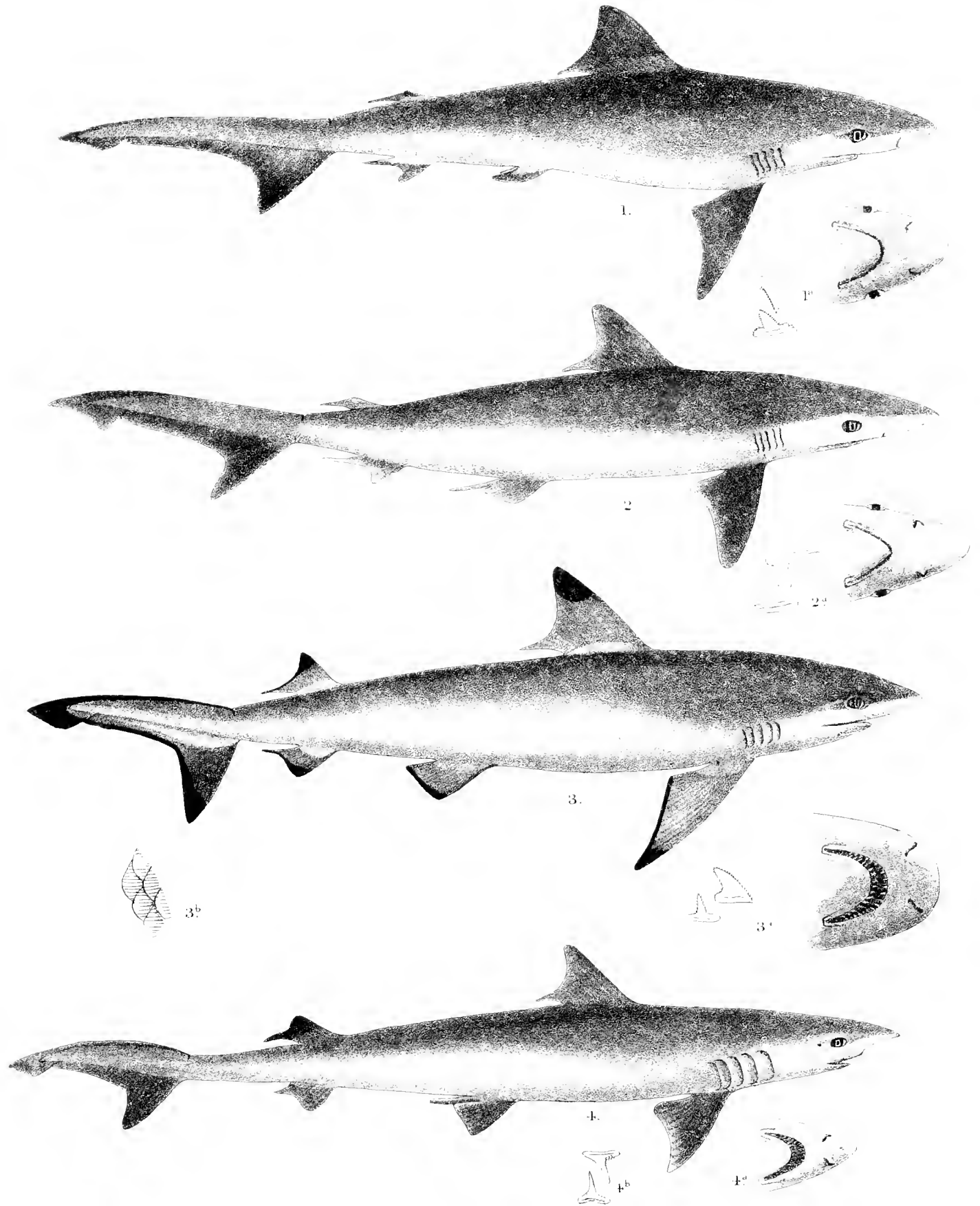


F.D. 46. 6. Münster, etc.

Münster Bros. imp.

1 CARCHARIAS MENISORRAH 2 C. LIMBATUS 3 C. ACUTUS 4 ZYGENA BLOCHII

PC  
C.A.

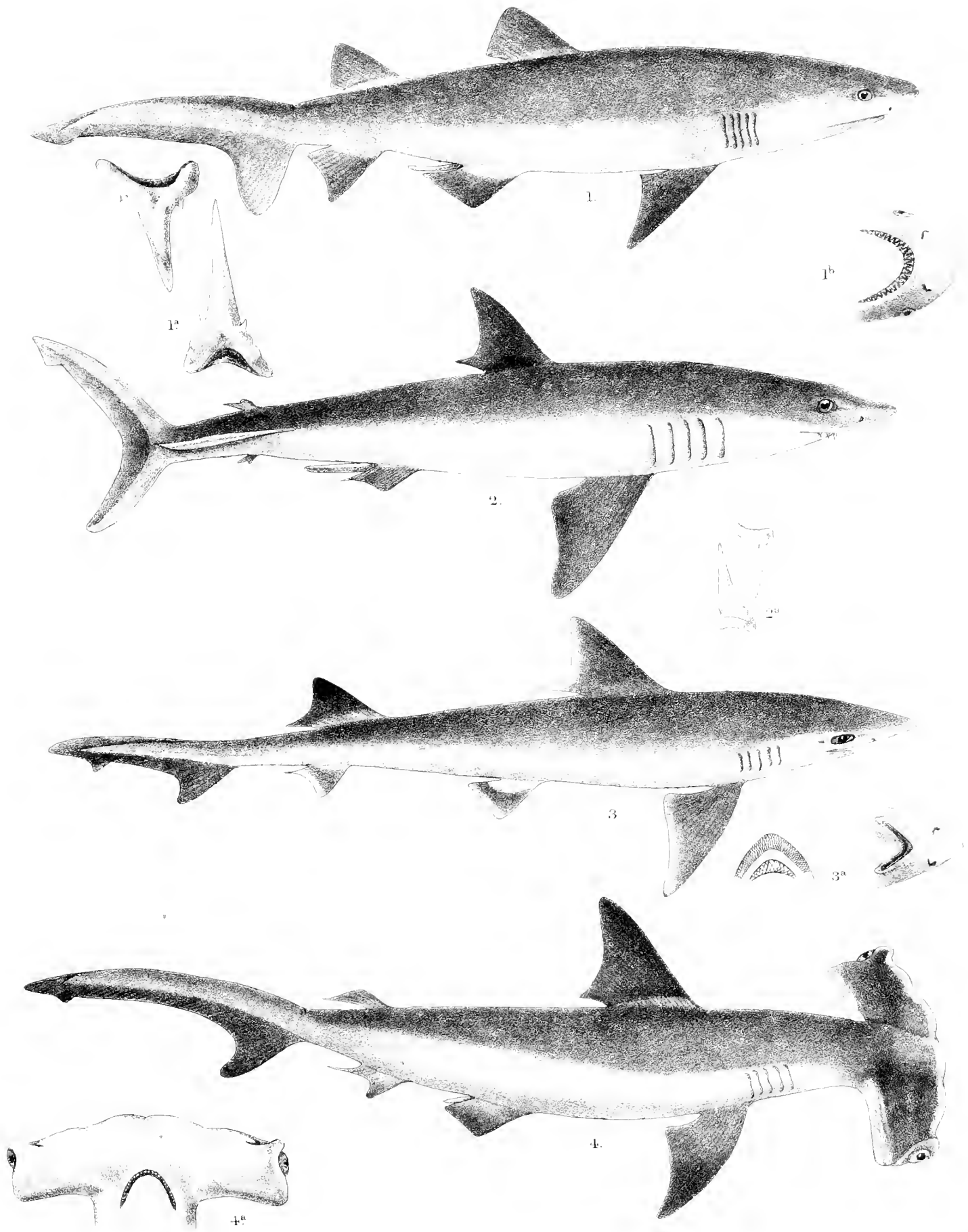


F. Day del. R. Minster lith.

Minster Bros. imp.

1. CARCHARIAS SOPRAH 2. C. WALBEEHMI 3. C. MELANOPTERUS 4. HEMIGALEUS BALFOURI

OFFICE OF THE  
COMMISSIONER OF FINANCIAL SERVICES  
STATE OF NEW YORK

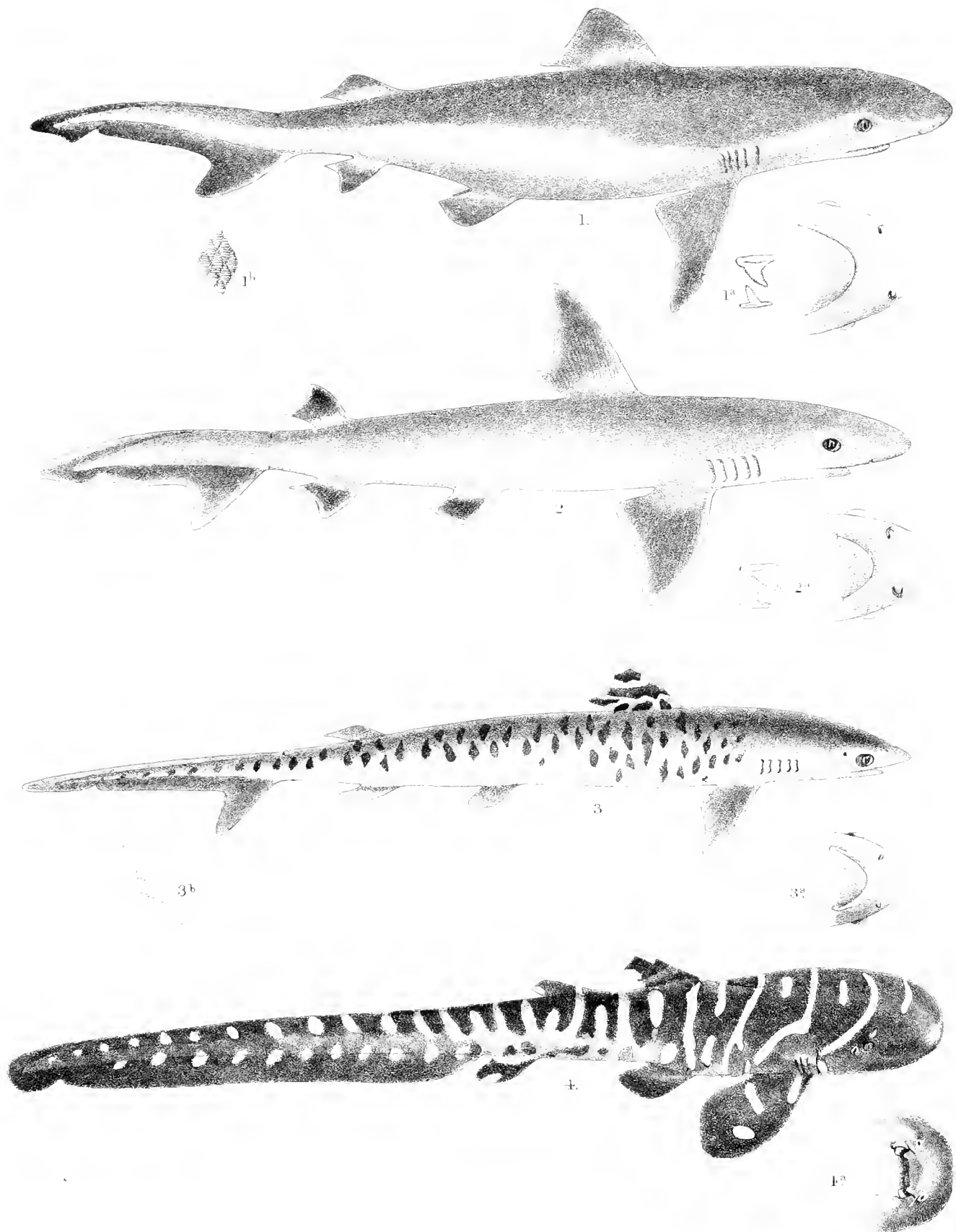


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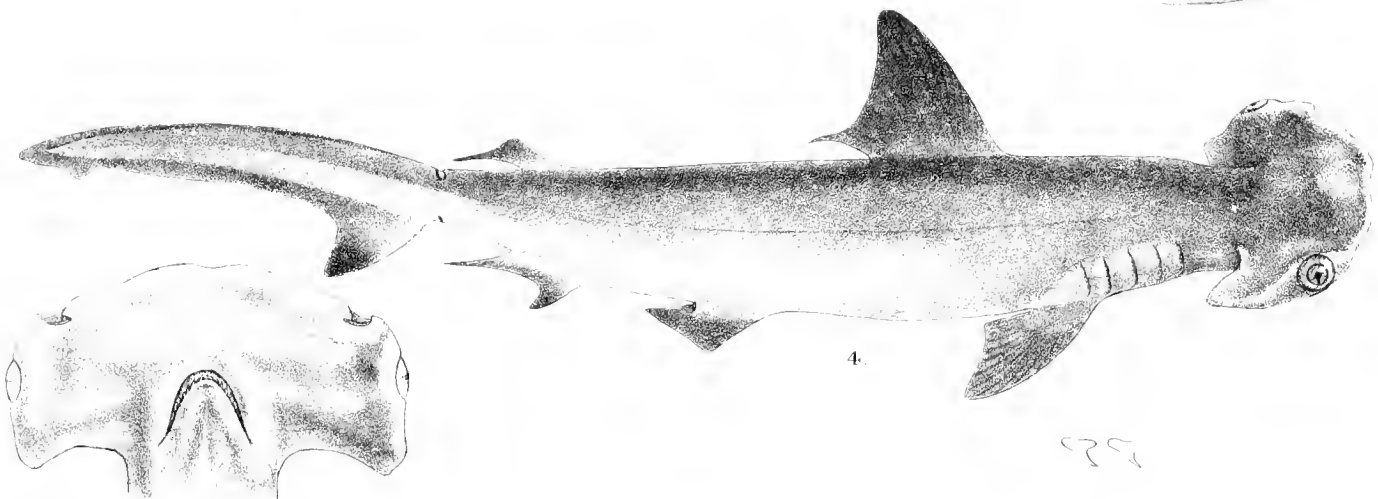
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H. ... ..  
C. ... .. USA

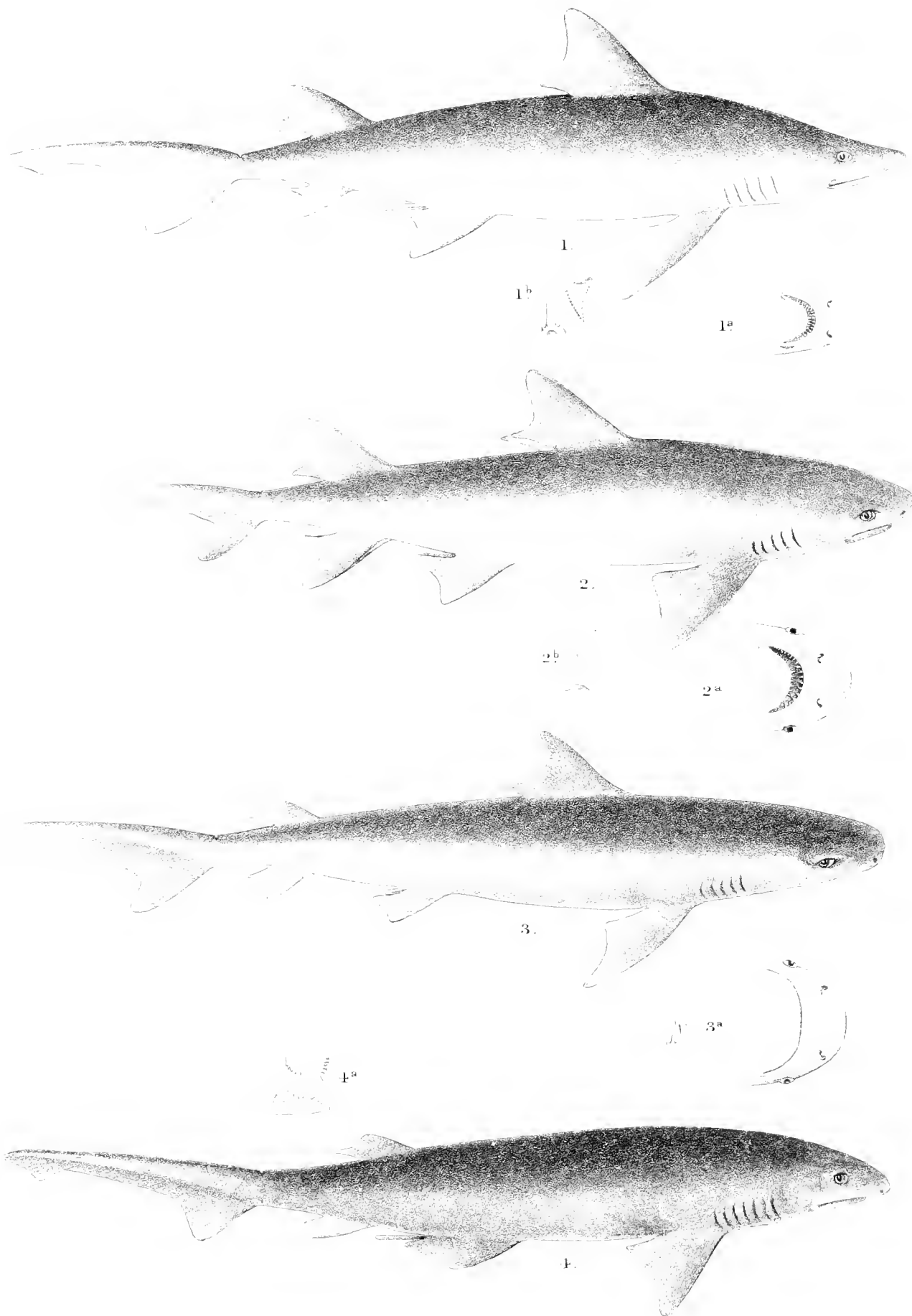


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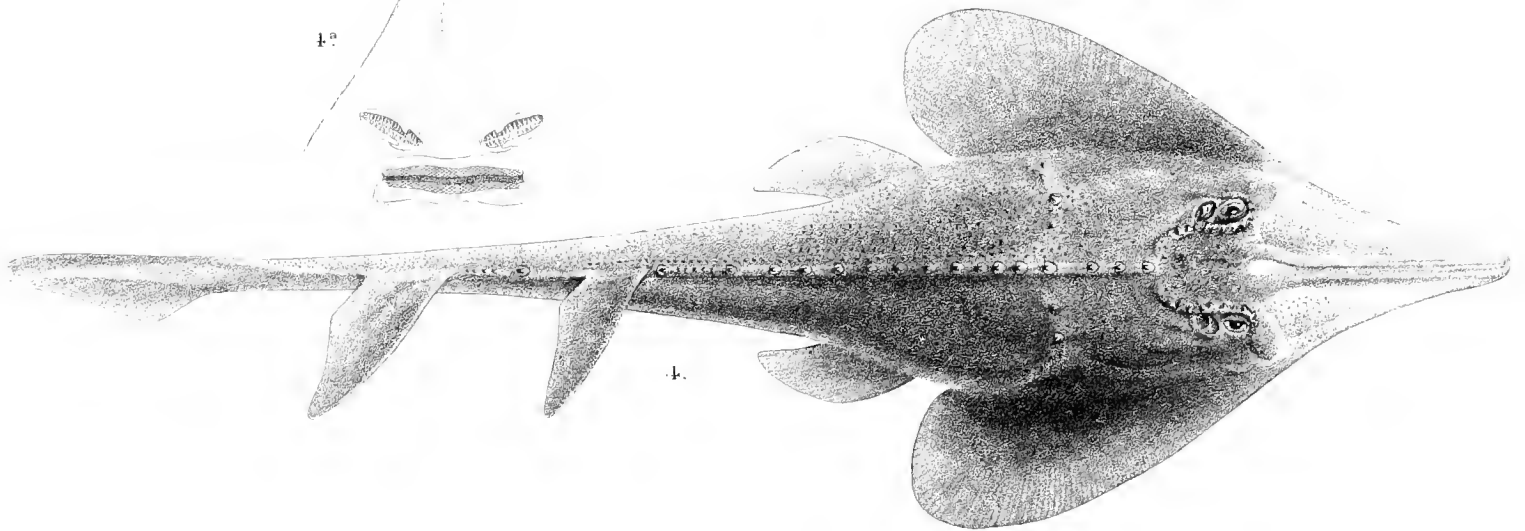
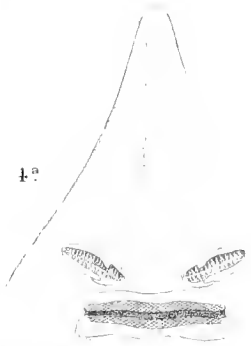
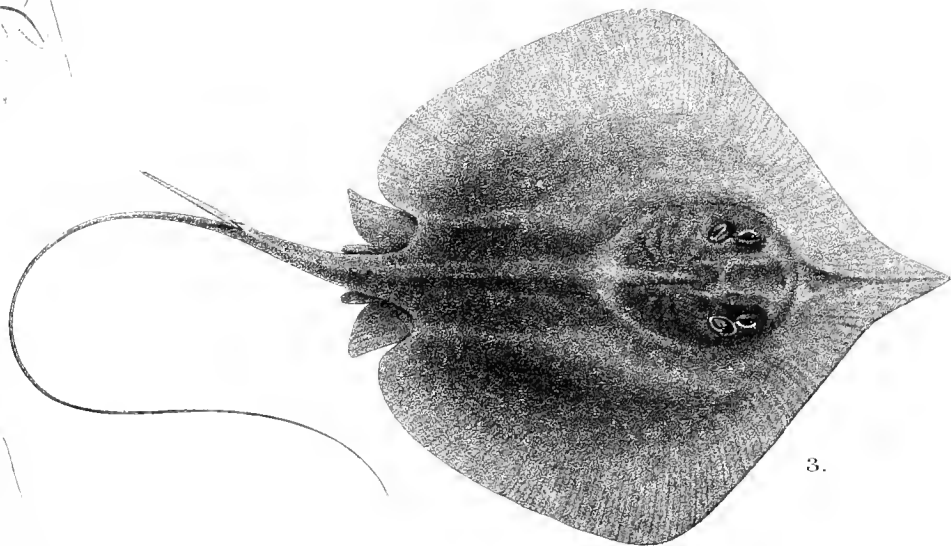
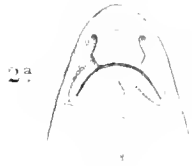




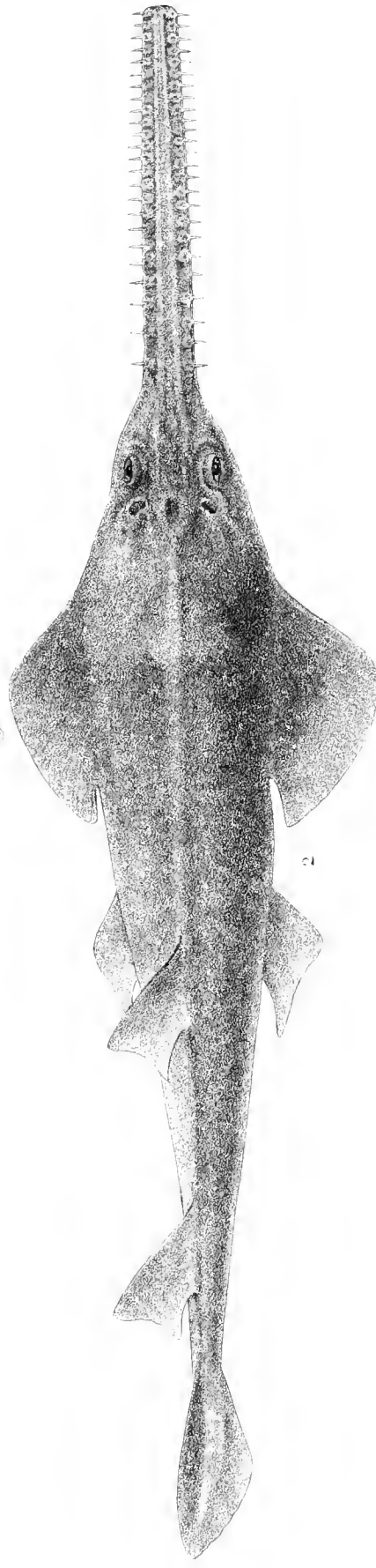
PROPERTY  
OF THE  
U.S. AIR FORCE



UNIVERSITY  
OF MASSACHUSETTS  
AMHERST, MA USA



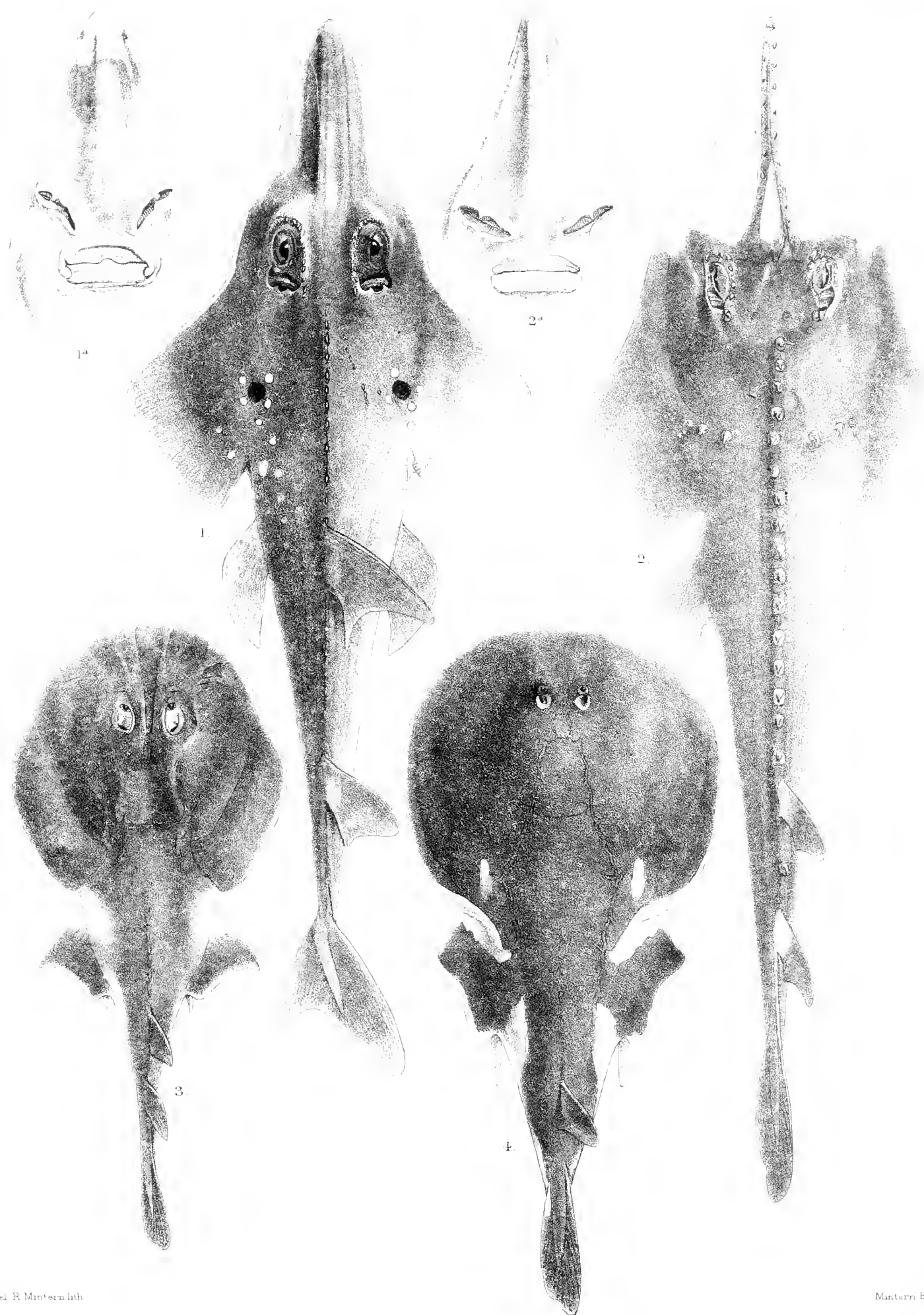
117-1-117  
117-1-117  
117-1-117



1 PRISTIS PERROTTETI 2 P. ZYSSON 3 P. CUSPIDATUS

UNIVERSITY  
CAMBRIDGE, MA USA





F. L. S. by J. del. R. Mintern lith.

Mintern Br. amp.

1 RHYNOBATUS DJEDDENSIS 2 RHYNOBATUS GRANULATUS 3 NARCINE TIMLEI 4 ASTRAPE DIPTERYGIA

PROPERTY  
OF THE  
CITY OF

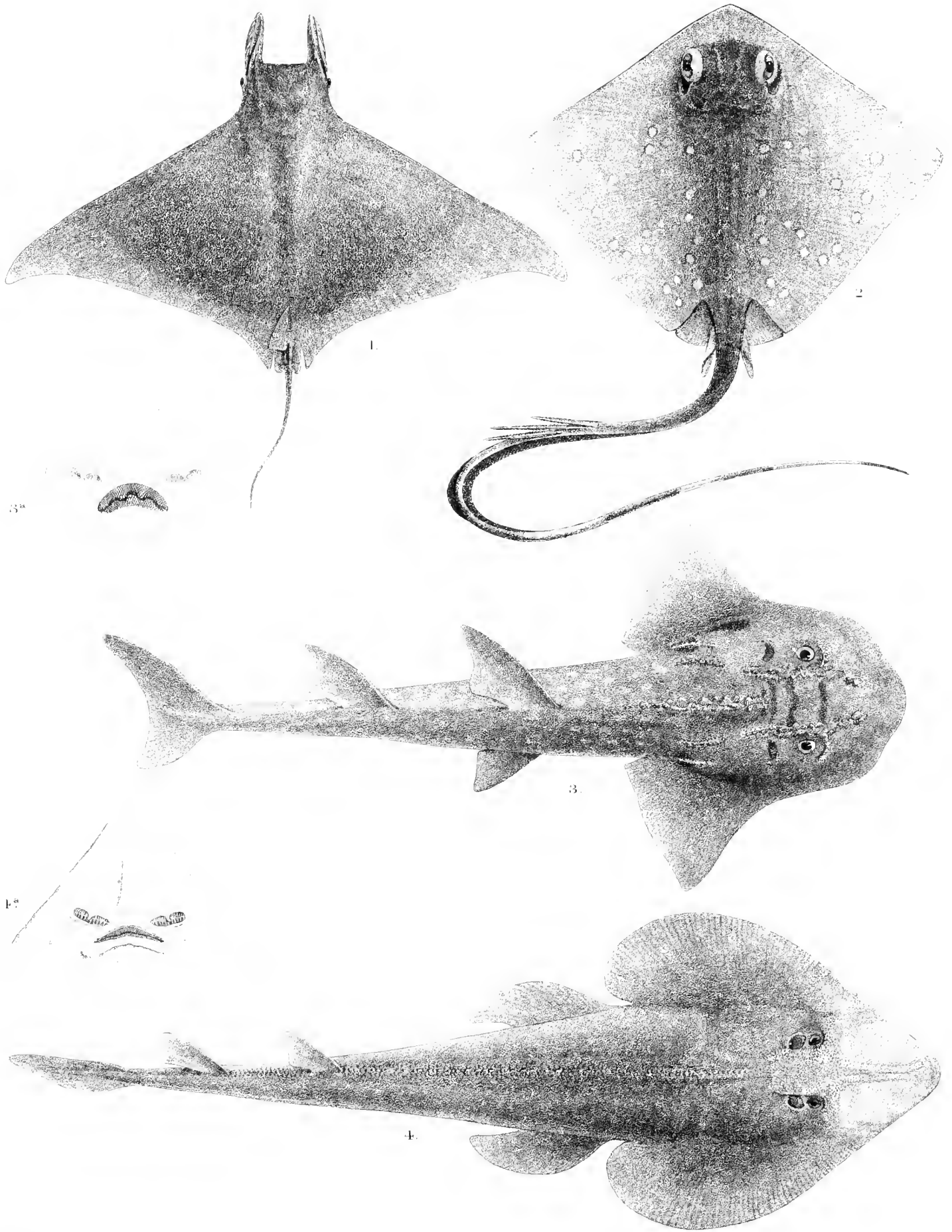
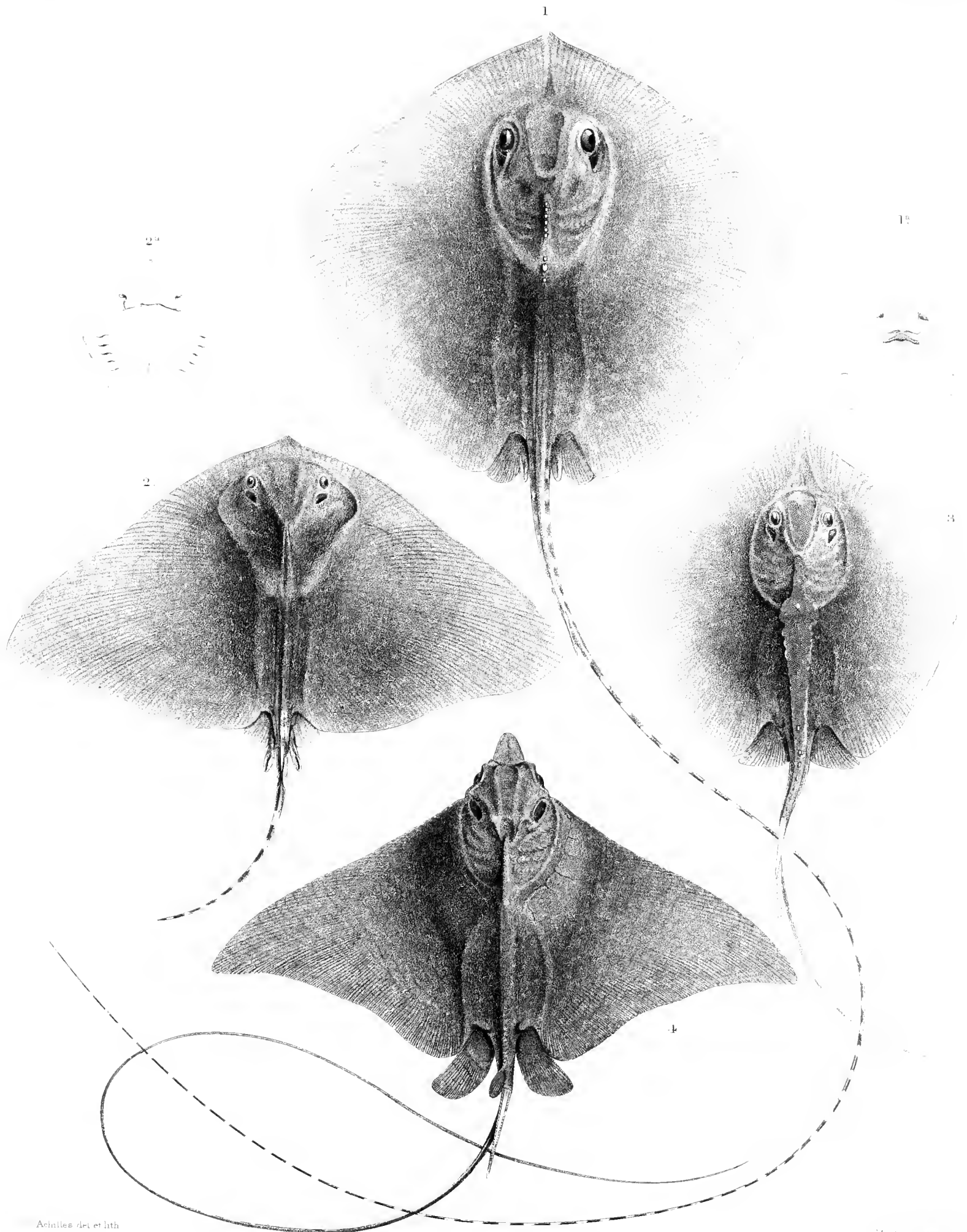


Fig. 27 28. C. Achilles lith

Mutten. Bros imp

1 DICEROBATUS EREGOODOO. 2 TRYGON KUHLII 3 RHYNCHOBATUS ANCYLOSTOMUS  
4 RHINOBATUS HALAVI

HEALTH CARE QUALITY  
COMMISSION USA

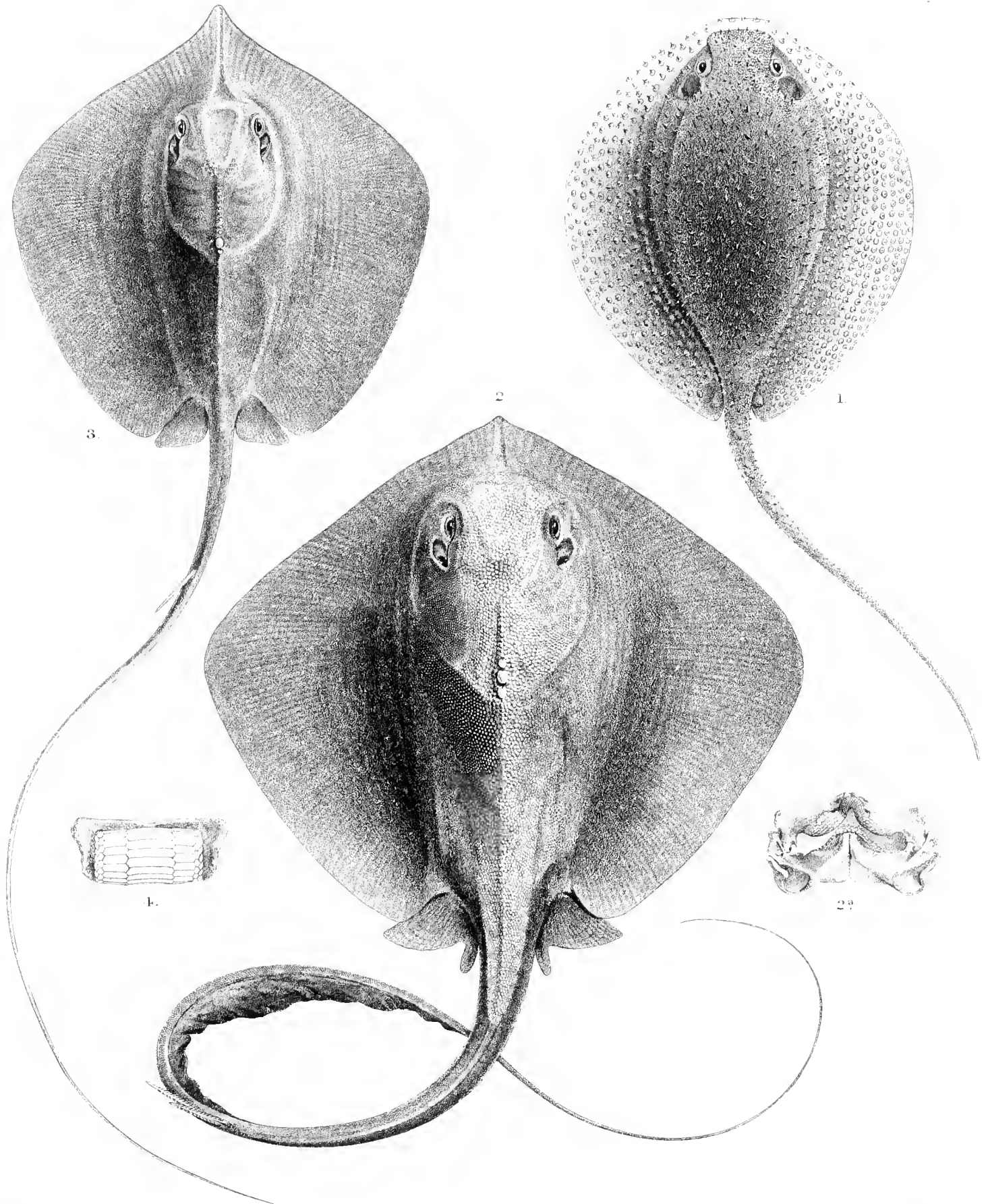


Acinthes del et lith

Mir ters

1 TRYGON VARIAE 3 T WALGA 2 PTEROPLATEA MICRPS 4 LEUCORHINA VARINARIA

1957  
HARVARD UNIVERSITY  
CAMBRIDGE, MA USA



F. Day del. C. Achilles lith.

Mutten Bros. imp.

1 UROGYMNUS ASPERRIMUS 2 TRYGON SEPHEN 3 T BLEEKERI. 4 RHINOPTERA JAVANICA

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HARVARD UNIVERSITY  
CAMBRIDGE, MA USA













