

**Authorship of Names of Indian Fishes Proposed in
"Histoire Naturelle Des Poissons" by Cuvier and
Valenciennes and Recorded by Day**

BY
S. JONES

REPRINTED FROM

Journal of the Zoological Society of India, Calcutta

Abbreviation: *J. zool. Soc. India*

Vol. 9 (No. 2), December 1957

Pages 121-129



PUBLISHED 31ST DECEMBER, 1958

ZOOLOGICAL SOCIETY OF INDIA

C/o ZOOLOGICAL SURVEY OF INDIA

34, CHITTARANJAN AVENUE

CALCUTTA-12.

Authorship of Names of Indian Fishes Proposed in "Histoire Naturelle Des Poissons" by Cuvier and Valenciennes and Recorded By Day

BY S. JONES,

Central Marine Fisheries Research Station,
Mandapam Camp.

Introduction

It has been the practice to credit dual authorship to the new names proposed by Cuvier and Valenciennes in their monumental contribution to ichthyology, 'Histoire Naturelle Des Poissons', comprising of 22 volumes published from 1828-1849. Baron Cuvier passed away in 1832 while volume 9 was in press but Valenciennes who continued the work thereafter retained the name of his former senior colleague in the subsequent numbers of the series presumably as a mark of courtesy. Even from the beginning different sections of the work were under the individual responsibility of each of them and these have been indicated in the appropriate places in the text though not very prominently. Under the above circumstances it is not a correct procedure according to International Code of Zoological Nomenclature to add "Cuvier and Valenciennes" after the specific names. The convention of dual authorship is being broken gradually but "Histoire Naturelle Des Poissons" being a scarce publication is not accessible to many workers for reference. Bailey¹ has done a very useful service by making a critical study of the work and separating the portions contributed by each author. So far as Indian workers are concerned this has helped very little to solve the difficulty as 'Day's *Fishes of India* (1876-1888) and *Fishes* (1889) in the "*Fauna of British India*" Series, which are also comparatively scarce, still remain the standard books of reference and a comparison of all these publications for arriving at the correct authorship is by no means an easy task for many. Of the 1418 fishes described by Day, the names of 257 were those proposed for the first time in "Histoire Naturelle Des Poissons" and traditionally quoted under dual authorship. To make matters easy for those who are unfavourably placed so far as library facilities are concerned the species are listed below with the names of the author checked against each of them.

The genera and species as given in the *Fauna of British India*, *Fishes*, are retained though many of them have undergone nomenclatural revision. In the absence of a complete revision of Day's work it is felt that no useful purpose will be served in effecting changes in the

¹Bailey, Reeve M. 1951, *Copeia*, No. 3, August 31, pp. 249-251.

names coming under the authorship of Cuvier and Valenciennes only. Latest names of some common and economically important species which are known at present under specific names different from those recorded by Day are given as foot notes.

List of Indian fishes recorded by Day the names of which have been proposed by Cuvier and Valenciennes in "Histoire Naturelle Des Poissons"

Fauna of British India—Fishes Vol. I

| Page. | Ser. No. | Name of Fish | Vol. ² | Page ³ | Author. |
|------------------|----------|--------------------------------------|-------------------|-------------------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 117 | 123 | <i>Clarias dussumieri</i> | XV | 382 | Valenciennes. |
| 120 | 127 | <i>Silurus cochinchinensis</i> | XIV | 352 | Valenciennes. |
| 133 | 141 | <i>Callichrous malabaricus</i> | XIV | 353 | (Valenciennes). |
| 142 ⁴ | 152 | <i>Pangasius buchmanani</i> | XV | 45 | Valenciennes. |
| 145 ⁵ | 154 | <i>Silundia gangetica</i> | XV | 49 | Valenciennes. |
| 156 | 165 | <i>Macrones oculus</i> | XIV | 424 | (Valenciennes). |
| 160 | 169 | <i>Macrones keletius</i> | XIV | 411 | (Valenciennes). |
| 174 | 181 | <i>Arius caelatus</i> | XV | 66 | Valenciennes. |
| 176 | 184 | <i>Arius venosus</i> | XV | 69 | Valenciennes. |
| 178 | 186 | <i>Arius subrostratus</i> | XV | 62 | Valenciennes. |
| 184 | 195 | <i>Arius nella</i> | XV | 162 | (Valenciennes). |
| 188 | 201 | <i>Arius dussumieri</i> | XV | 84 | Valenciennes. |
| 221 | 238 | <i>Lepidocephalichthys-thermalis</i> | XVIII | 78 | (Valenciennes). |
| 235 | 267 | <i>Nemachilus spilopterus</i> | XVIII | 27 | (Valenciennes). |
| 262 | 296 | <i>Labeo dussumieri</i> | XV | 258 | (Valenciennes). |
| 273 | 315 | <i>Osteochilus chalybeatus</i> | XVI | 271 | (Valenciennes). |
| 275 | 317 | <i>Osteochilus cephalus</i> | XVI | 347 | (Valenciennes). |
| 287 ⁶ | 332 | <i>Catla buchmanani</i> | XVII | 411 | Valenciennes. |
| 292 | 337 | <i>Amblypharyngodon melettina</i> | XVII | 304 | (Valenciennes). |
| 301 | 342 | <i>Barbus chrysopoma</i> | XVI | 165 | Valenciennes. |
| 303 | 346 | <i>Barbus roseipinnis</i> | XVI | 169 | Valenciennes. |
| 304 | 348 | <i>Barbus micropogon</i> | XVI | 188 | Valenciennes. |
| 316 | 373 | <i>Barbus macrolepidotus</i> | XVI | 280 | (Valenciennes). |

2 & 3. Volume and page in "Histoire Naturelle Des Poissons" in which the species referred to is described.

4. *Pangasius pangasius* (Hamilton)

5. *Silonia silondia* (Hamilton)

6. *Catla catla* (Hamilton)

| Page. | Ser. No. | Name of Fish | Vol. | Page | Author. |
|------------------|----------|----------------------------------|-------|------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 322 | 384 | <i>Barbus amphibius</i> | XVI | 282 | (Valenciennes). |
| 323 | 386 | <i>Barbus mahecola</i> | XVII | 305 | (Valenciennes). |
| 324 | 387 | <i>Barbus apogon</i> | XVI | 392 | Valenciennes. |
| 329 ⁷ | 398 | <i>Barbus stigma</i> | XVII | 93 | (Valenciennes). |
| 330 | 400 | <i>Barbus thermalis</i> | XVII | 94 | (Valenciennes). |
| 333 | 407 | <i>Barbus filamentosus</i> | XVII | 96 | (Valenciennes). |
| 342 | 419 | <i>Rohtee belangeri</i> | XVII | 99 | (Valenciennes). |
| 349 | 429 | <i>Barilius gatensis</i> | XVII | 309 | (Valenciennes). |
| 357 | 441 | <i>Danio chrysops</i> | XVII | 308 | (Valenciennes). |
| 363 | 451 | <i>Chela sardinella</i> | XVII | 344 | (Valenciennes). |
| 372 | 463 | <i>Clupea leiogaster</i> | XX | 270 | (Valenciennes). |
| 373 | 464 | <i>Clupea longiceps</i> | XX | 273 | (Valenciennes). |
| 373 | 465 | <i>Clupea fimbriata</i> | XX | 359 | (Valenciennes). |
| 374 | 467 | <i>Clupea lile</i> | XX | 378 | (Valenciennes). |
| 377 | 472 | <i>Clupea toli</i> | XX | 435 | (Valenciennes). |
| 378 | 473 | <i>Clupea melanura</i> | XX | 441 | (Valenciennes). |
| 380 | 475 | <i>Pellona filigera</i> | XX | 322 | Valenciennes. |
| 381 | 479 | <i>Pellona ditchela</i> | XX | 314 | Valenciennes. |
| 383 | 484 | <i>Pellona leschenaultii</i> | XX | 311 | Valenciennes. |
| 384 | 485 | <i>Opisthopterus tartoor</i> | XX | 328 | (Valenciennes). |
| 391 | 497 | <i>Engraulis dussumieri</i> | XXI | 69 | Valenciennes. |
| 393 | 500 | <i>Engraulis taty</i> | XXI | 60 | Valenciennes. |
| 393 | 501 | <i>Engraulis purava</i> | XXI | 65 | Valenciennes. |
| 396 | 505 | <i>Coilia reynaldi</i> | XXI | 81 | Valenciennes. |
| 397 | 508 | <i>Coilia quadrigesimalis</i> | XXI | 83 | Valenciennes. |
| 397 | 509 | <i>Coilia dussumieri</i> | XXI | 81 | Valenciennes. |
| 399 | 511 | <i>Dussmiera acuta</i> | XX | 467 | Valenciennes. |
| 411 | 524 | <i>Saurida nebulosa</i> | XXII | 506 | Valenciennes. |
| 416 | 530 | <i>Haplochilus lineatus</i> | XVIII | 381 | (Valenciennes). |
| 418 | 532 | <i>Belone melanostigma</i> | XVIII | 450 | Valenciennes. |
| 419 | 533 | <i>Belone annulata</i> | XVIII | 447 | Valenciennes. |
| 423 | 538 | <i>Hemirhamphus leucopterus</i> | XIX | 48 | Valenciennes. |
| 424 | 541 | <i>Hemirhamphus georgii</i> | XIX | 37 | Valenciennes. |
| 425 | 543 | <i>Hemirhamphus reynaldi</i> | XIX | 39 | Valenciennes. |
| 425 | 544 | <i>Hemirhamphus xanthopterus</i> | XIX | 47 | Valenciennes. |
| 426 | 546 | <i>Hemirhamphus limbatus</i> | XIX | 44 | Valenciennes. |

7. *Puntius sophore* Hamilton

| Page. | Ser. No. | Name of Fish | Vol. | Page | Author. |
|-------|----------|--------------------------------|------|------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 426 | 547 | <i>Hemirhamphus dispar</i> | XIX | 58 | Valenciennes. |
| 426 | 548 | <i>Hemirhamphus buffonis</i> | XIX | 48 | Valenciennes. |
| 429 | 551 | <i>Exocoetus micropterus</i> | XIX | 127 | Valenciennes. |
| 430 | 554 | <i>Exocoetus poecilopterus</i> | XIX | 112 | Valenciennes. |
| 430 | 555 | <i>Exocoetus altipinnis</i> | XIX | 109 | Valenciennes. |
| 431 | 557 | <i>Exocoetus mento</i> | XIX | 124 | Valenciennes. |
| 441 | 559 | <i>Cromileptes altivelis</i> | II | 324 | (Valenciennes). |
| 449 | 570 | <i>Serranus diacanthus</i> | II | 319 | Valenciennes. |
| 449 | 571 | <i>Serranus sexfasciatus</i> | II | 360 | Valenciennes. |
| 450 | 573 | <i>Serranus erythrusus</i> | II | 320 | Valenciennes. |
| 451 | 575 | <i>Serranus corallicola</i> | II | 336 | Valenciennes. |
| 452 | 577 | <i>Serranus semipunctatus</i> | II | 341 | Valenciennes. |
| 453 | 579 | <i>Serranus dermochirus</i> | VI | 513 | Valenciennes. |
| 453 | 580 | <i>Serranus morrhua</i> | IX | 434 | Valenciennes. |
| 454 | 581 | <i>Serranus angularis</i> | II | 35 | Cuvier. |
| 458 | 590 | <i>Serranus boelang</i> | II | 308 | Valenciennes. |
| 461 | 593 | <i>Grammistes punctatus</i> | VI | 504 | Valenciennes. |
| 462 | 595 | <i>Diploprion bifasciatum</i> | II | 137 | Cuvier. |
| 465 | 596 | <i>Lutjanus sebae</i> | II | 411 | (Cuvier). |
| 466 | 599 | <i>Lutjanus annularis</i> | II | 484 | (Cuvier). |
| 469 | 603 | <i>Lutjanus biguttatus</i> | VI | 507 | (Valenciennes). |
| 470 | 605 | <i>Lutjanus lemniscatus</i> | II | 240 | (Valenciennes). |
| 471 | 607 | <i>Lutjanus rivulatus</i> | II | 414 | (Cuvier). |
| 478 | 620 | <i>Lutjanus marginatus</i> | II | 425 | (Cuvier). |
| 479 | 621 | <i>Lutjanus yapilli</i> | II | 483 | (Cuvier). |
| 480 | 624 | <i>Lutjanus madras</i> | VII | 446 | (Valenciennes). |
| 481 | 625 | <i>Lutjanus decussatus</i> | II | 487 | (Cuvier). |
| 488 | 635 | <i>Ambassis commersoni</i> | II | 176 | Cuvier. |
| 490 | 639 | <i>Ambassis thermalis</i> | III | 493 | Cuvier. |
| 491 | 640 | <i>Apogon multitaeniatus</i> | II | 159 | Cuvier. |
| 493 | 644 | <i>Apogon taeniatus</i> | II | 159 | Cuvier. |
| 494 | 646 | <i>Apogon quadrifasciatus</i> | II | 153 | Cuvier. |
| 497 | 653 | <i>Apogon maculosus</i> | VI | 493 | Valenciennes. |
| 498 | 654 | <i>Apogon nigripinnis</i> | II | 152 | Cuvier. |
| 499 | 656 | <i>Apogon auritus</i> | VII | 443 | Valenciennes. |
| 499 | 658 | <i>Apogon lineolatus</i> | II | 160 | Cuvier. |
| 500 | 661 | <i>Apogon orbicularis</i> | II | 155 | Cuvier. |

| Page. | Ser. No. | Name of Fish | Vol. | Page | Author. |
|-------|----------|--------------------------------------|------|------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 502 | 664 | <i>Chilodipterus quinquelineatus</i> | II | 167 | Cuvier. |
| 503 | 666 | <i>Dules marginatus</i> | III | 116 | Cuvier. |
| 505 | 668 | <i>Therapon puta</i> | III | 131 | Cuvier. |
| 506 | 670 | <i>Therapon theraps</i> | III | 129 | Cuvier. |
| 507 | 672 | <i>Therapon argenteus</i> | III | 139 | (Cuvier). |
| 511 | 679 | <i>Pristipoma dussumieri</i> | V | 250 | Cuvier. |
| 512 | 680 | <i>Pristipoma guoraca</i> | V | 256 | Cuvier. |
| 517 | 687 | <i>Diagramma griseum</i> | V | 306 | Cuvier. |
| 518 | 690 | <i>Diagramma punctatum</i> | V | 302 | Cuvier. |
| 522 | 697 | <i>Scolopsis monogramma</i> | V | 338 | (Cuvier). |
| 523 | 698 | <i>Scolopsis cancellatus</i> | V | 351 | (Cuvier). |
| 526 | 703 | <i>Synagris striatus</i> | VI | 252 | (Valenciennes). |
| 528 | 705 | <i>Synagris tolu</i> | VI | 248 | (Valenciennes). |
| 529 | 707 | <i>Synagris taeniopterus</i> | VI | 246 | (Valenciennes). |
| 530 | 709 | <i>Aphareus rutilans</i> | VI | 490 | Cuvier. |
| 531 | 710 | <i>Smaris balteatus</i> | VI | 424 | Valenciennes. |
| 533 | 713 | <i>Caesio chrysozona</i> | VI | 440 | Cuvier. |
| 536 | 717 | <i>Gerres oblongus</i> | VI | 479 | Cuvier. |
| 537 | 718 | <i>Gerres filamentosus</i> | VI | 482 | Cuvier. |
| 538 | 721 | <i>Gerres poeti</i> | VI | 468 | Cuvier. |
| 539 | 722 | <i>Gerres lucidus</i> | VI | 477 | Cuvier. |
| 539 | 723 | <i>Gerres limbatus</i> | VI | 476 | Cuvier. |

Fauna of British India—Fishes Vol. II

| Page. | Ser. No. | Name of Fish | Vol. | Page | Author. |
|-------|----------|--------------------------------|----------------|----------------|---------------|
| 1 | 2 | 3 | 4 ^a | 5 ^b | 6 |
| 10 | 739 | <i>Chaetodon ocellatus</i> | VII | 229 | (Cuvier). |
| 25 | 757 | <i>Upeneoides sulphureus</i> | III | 450 | (Cuvier). |
| 27 | 761 | <i>Upeneoides taeniopterus</i> | III | 451 | (Cuvier). |
| 31 | 766 | <i>Upeneus luteus</i> | VII | 521 | Valenciennes. |
| 33 | 769 | <i>Upeneus cinnabarinus</i> | III | 475 | Cuvier. |
| 35 | 771 | <i>Crenidens forskaelii</i> | VI | 377 | Valenciennes. |

8 & 9 : Volume and page in "Histoire Naturelle Des Poissons" in which the species referred to is described.

| Page. | Ser. No. | Name of Fish | Vol. | Page | Author. |
|-------|----------|---------------------------------|------|------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 36 | 772 | <i>Sargus noct</i> | VI | 51 | Valenciennes. |
| 38 | 774 | <i>Lethrinus cinereus</i> | VI | 293 | Valenciennes. |
| 38 | 775 | <i>Lethrinus karwa</i> | VI | 311 | Valenciennes. |
| 40 | 777 | <i>Lethrinus ornatus</i> | VI | 310 | Valenciennes. |
| 51 | 791 | <i>Cirrhichthys fasciatus</i> | III | 76 | (Cuvier). |
| 54 | 794 | <i>Sebastichthys strongia</i> | IV | 323 | (Cuvier). |
| 59 | 801 | <i>Scorpaenopsis venosa</i> | IV | 317 | (Cuvier). |
| 61 | 803 | <i>Pterois zebra</i> | IV | 367 | Cuvier. |
| 63 | 806 | <i>Pterois radiata</i> | IV | 369 | Cuvier. |
| 66 | 809 | <i>Gymnapistus niger</i> | IV | 415 | (Cuvier). |
| 67 | 810 | <i>Gymnapistus dracaena</i> | IV | 403 | (Cuvier). |
| 67 | 811 | <i>Amblyapistus taenianotus</i> | IV | 404 | (Cuvier). |
| 68 | 812 | <i>Amblyapistus longispinis</i> | IV | 408 | (Cuvier). |
| 82 | 827 | <i>Nandus marmoratus</i> | VII | 482 | Valenciennes. |
| 88 | 833 | <i>Teuthis vermiculata</i> | X | 126 | (Valenciennes). |
| 89 | 835 | <i>Teuthis virgata</i> | X | 133 | (Valenciennes). |
| 90 | 836 | <i>Teuthis concatenata</i> | X | 127 | (Valenciennes). |
| 90 | 837 | <i>Teuthis margaritifera</i> | X | 145 | (Valenciennes). |
| 90 | 838 | <i>Teuthis sutor</i> | X | 148 | (Valenciennes). |
| 93 | 841 | <i>Myripristis botche</i> | III | 181 | Cuvier. |
| 100 | 849 | <i>Rempheris malabarica</i> | VII | 308 | Cuvier. |
| 103 | 852 | <i>Polynemus heptadactylus</i> | III | 390 | Cuvier. |
| 103 | 853 | <i>Polynemus xanthonemus</i> | VII | 517 | Valenciennes. |
| 105 | 855 | <i>Polynemus sexfilis</i> | VII | 115 | Valenciennes. |
| 110 | 861 | <i>Umbrina dussumieri</i> | IX | 481 | Valenciennes. |
| 110 | 862 | <i>Umbrina russellii</i> | V | 178 | Cuvier. |
| 113 | 864 | <i>Sciaena miles</i> | V | 94 | Cuvier. |
| 114 | 866 | <i>Sciaena sina</i> | V | 122 | (Cuvier). |
| 116 | 869 | <i>Sciaena axillaris</i> | V | 113 | (Cuvier). |
| 117 | 870 | <i>Sciaena albida</i> | V | 93 | (Cuvier). |
| 120 | 874 | <i>Sciaena belangeri</i> | V | 120 | (Cuvier). |
| 121 | 875 | <i>Sciaena semiluctuosa</i> | V | 97 | (Cuvier). |
| 127 | 883 | <i>Otolithus maculatus</i> | V | 64 | Cuvier. |
| 129 | 885 | <i>Otolithus argenteus</i> | V | 62 | Cuvier. |
| 135 | 891 | <i>Trichiurus savala</i> | VIII | 251 | Cuvier. |
| 141 | 897 | <i>Acanthurus matoides</i> | X | 204 | Valenciennes. |
| 141 | 898 | <i>Acanthurus gahm</i> | X | 219 | Valenciennes. |

| Page. | Ser. No. | Name of Fish | Vol. | Page | Author. |
|-------------------|----------|-----------------------------------|------|------|---------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 142 | 900 | <i>Acanthurus melanurus</i> | X | 240 | Valenciennes. |
| 146 | 906 | <i>Naseus brevirostris</i> | X | 277 | Valenciennes. |
| 151 | 909 | <i>Caranx kurra</i> | IX | 44 | Cuvier. |
| 152 | 910 | <i>Caranx melampygus</i> | IX | 116 | Cuvier. |
| 152 | 911 | <i>Caranx jarra</i> | IX | 109 | Cuvier. |
| 157 | 918 | <i>Caranx boops</i> | IX | 46 | Cuvier. |
| 160 | 921 | <i>Caranx kalla</i> | IX | 49 | Cuvier. |
| 160 | 922 | <i>Caranx ire</i> | XIX | 57 | Valenciennes. |
| 163 | 926 | <i>Caranx oblongus</i> | IX | 128 | Cuvier. |
| 167 | 931 | <i>Caranx leptolepis</i> | IX | 63 | Cuvier. |
| 174 | 938 | <i>Chorinemus sancti-petri</i> | VIII | 379 | Cuvier. |
| 174 | 939 | <i>Chorinemus moadetta</i> | VIII | 382 | Cuvier. |
| 176 | 941 | <i>Chorinemus tala</i> | VIII | 377 | Cuvier. |
| 176 | 942 | <i>Chorinemus talpo</i> | VIII | 377 | Cuvier. |
| 178 | 944 | <i>Trachynohis russellii</i> | VIII | 436 | Cuvier. |
| 184 | 950 | <i>Psenes javanicus</i> | IX | 264 | Valenciennes. |
| 187 | 953 | <i>Equula dussumieri</i> | X | 77 | Valenciennes. |
| 187 | 956 | <i>Equula bindus</i> | X | 78 | Valenciennes. |
| 189 | 957 | <i>Equula blochii</i> | X | 84 | Valenciennes. |
| 190 | 958 | <i>Equula brevirostris</i> | X | 83 | Valenciennes. |
| 190 | 959 | <i>Equula lineolata</i> | X | 86 | Valenciennes. |
| 193 | 963 | <i>Equula oblonga</i> | X | 85 | Valenciennes. |
| 196 ¹⁰ | 967 | <i>Lactarius delicatulus</i> | IX | 238 | Valenciennes. |
| 205 ¹¹ | 976 | <i>Thynnus thunnina</i> | VIII | 104 | Cuvier. |
| 208 | 979 | <i>Pelamys chiliensis</i> | VIII | 163 | Cuvier. |
| 209 ¹² | 980 | <i>Cybius kuhlii</i> | VIII | 178 | Cuvier. |
| 210 | 981 | <i>Cybius interruptum</i> | VIII | 172 | Cuvier. |
| 212 | 984 | <i>Cybius lineolatum</i> | VIII | 170 | Cuvier. |
| 217 | 990 | <i>Uranoscopus guttatus</i> | III | 305 | Cuvier. |
| 218 | 991 | <i>Ichthyoscopus inermis</i> | III | 310 | (Cuvier). |
| 219 | 992 | <i>Percis punctata</i> | III | 264 | Cuvier. |
| 221 | 994 | <i>Percis hexophthalma</i> | III | 271 | Cuvier. |
| 237 | 1009 | <i>Platycephalus tuberculatus</i> | IV | 258 | Cuvier. |
| 239 | 1012 | <i>Platycephalus punctatus</i> | IV | 243 | Cuvier. |

10. *Lactarius lactarius*. (Bloch & Schneider)

11. *Euthynnus alleletteratus affinis* (Cantor)

12. *Scomberomorus guttatus* (Bloch & Schneider)

| Page. | Ser. No. | Name of Fish | Vol. | Page | Author. |
|-------|----------|----------------------------------|------|------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 240 | 1013 | <i>Platycephalus serratus</i> | IV | 259 | Cuvier. |
| 240 | 1014 | <i>Platycephalus carbunculus</i> | IX | 461 | Valenciennes. |
| 243 | 1017 | <i>Dactylopterus orientalis</i> | IV | 134 | Cuvier. |
| 255 | 1030 | <i>Gobius criniger</i> | XII | 82 | Valenciennes. |
| 258 | 1035 | <i>Gobius biocellatus</i> | XII | 73 | Valenciennes. |
| 261 | 1041 | <i>Gobius tentacularis</i> | XII | 128 | Valenciennes. |
| 261 | 1042 | <i>Gobius actipinnis</i> | XII | 80 | Valenciennes. |
| 264 | 1047 | <i>Gobius elegans</i> | XII | 58 | Valenciennes. |
| 265 | 1050 | <i>Gobius albopunctatus</i> | XII | 57 | Valenciennes. |
| 266 | 1052 | <i>Gobius semidoliatus</i> | XII | 67 | Valenciennes. |
| 275 | 1066 | <i>Apocryptes rictuosus</i> | XII | 151 | Valenciennes. |
| 278 | 1070 | <i>Apocryptes dentatus</i> | XII | 148 | Valenciennes. |
| 283 | 1076 | <i>Boleophthalmus dussumieri</i> | XII | 207 | Valenciennes. |
| 283 | 1077 | <i>Boleophthalmus dentatus</i> | XII | 208 | Valenciennes. |
| 289 | 1085 | <i>Eleotris porocephalus</i> | XII | 237 | Valenciennes. |
| 290 | 1086 | <i>Eleotris muralis</i> | XII | 253 | Valenciennes. |
| 291 | 1088 | <i>Eleotris sexguttata</i> | XII | 254 | Valenciennes. |
| 292 | 1091 | <i>Eleotris tumifrons</i> | XII | 241 | Valenciennes. |
| 298 | 1101 | <i>Gobioides gracilis</i> | XII | 166 | (Valenciennes). |
| 305 | 1112 | <i>Callionymus lineolatus</i> | XII | 307 | Valenciennes. |
| 306 | 1114 | <i>Callionymus opercularis</i> | XII | 305 | Valenciennes. |
| 308 | 1116 | <i>Petroscirtes punctatus</i> | XI | 286 | (Valenciennes). |
| 310 | 1120 | <i>Petroscirtes cyprinoides</i> | XI | 286 | (Valenciennes). |
| 310 | 1121 | <i>Petroscirtes breviceps</i> | XI | 283 | (Valenciennes). |
| 316 | 1131 | <i>Salarias quadricornis</i> | XI | 329 | Valenciennes. |
| 316 | 1132 | <i>Salarias lineatus</i> | XI | 314 | Valenciennes. |
| 318 | 1135 | <i>Salarias dussumieri</i> | XI | 310 | Valenciennes. |
| 318 | 1136 | <i>Salarias periophthalmus</i> | XI | 311 | Valenciennes. |
| 322 | 1143 | <i>Salarias frenatus</i> | XI | 342 | Valenciennes. |
| 322 | 1144 | <i>Salarias vermiculatus</i> | XI | 301 | Valenciennes. |
| 330 | 1154 | <i>Cepola abbreviata</i> | X | 403 | Valenciennes. |
| 332 | 1156 | <i>Mastacembelus unicolor</i> | VIII | 453 | Cuvier. |
| 335 | 1161 | <i>Sphyaena jello</i> | III | 349 | Cuvier. |
| 336 | 1163 | <i>Sphyaena commersonii</i> | III | 352 | Cuvier. |
| 337 | 1164 | <i>Sphyaena obtusata</i> | III | 350 | Cuvier. |
| 339 | 1167 | <i>Antherina duodecimalis</i> | X | 458 | Valenciennes. |
| 342 | 1170 | <i>Mugil cunnesius</i> | XI | 114 | Valenciennes. |

| Page. | Ser. No. | Name of Fish | Vol. | Page | Author. |
|-------|----------|------------------------------------|------|------|-----------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 344 | 1172 | <i>Mugil carinatus</i> | XI | 148 | Valenciennes. |
| 347 | 1179 | <i>Mugil dussumieri</i> | XI | 147 | Valenciennes. |
| 348 | 1180 | <i>Mugil subviridis</i> | XI | 115 | Valenciennes. |
| 352 | 1188 | <i>Mugil amarulus</i> | XI | 133 | Valenciennes. |
| 352 | 1189 | <i>Mugil labiosus</i> | XI | 125 | Valenciennes. |
| 362 | 1202 | <i>Ophiocephalus micropeltes</i> | VII | 427 | Cuvier. |
| 368 | 1209 | <i>Polyacanthus cupanus</i> | VII | 357 | Cuvier. |
| 374 | 1210 | <i>Regalicus russellii</i> | X | 377 | (Valenciennes). |
| 381 | 1226 | <i>Pomacentrus trilineatus</i> | V | 428 | Cuvier. |
| 382 | 1227 | <i>Pomacentrus trimaculatus</i> | V | 441 | (Cuvier). |
| 384 | 1230 | <i>Pomacentrus littoralis</i> | V | 425 | Cuvier. |
| 388 | 1240 | <i>Glyphidodon melas</i> | V | 472 | Cuvier. |
| 388 | 1241 | <i>Glyphidodon septemfasciatus</i> | V | 463 | Cuvier. |
| 389 | 1242 | <i>Glyphidodon coelestinus</i> | V | 401 | Cuvier. |
| 389 | 1243 | <i>Glyphidodon bengalensis</i> | V | 458 | Cuvier. |
| 390 | 1244 | <i>Glyphidodon antjerius</i> | V | 481 | Cuvier. |
| 391 | 1247 | <i>Heliastes lepidurus</i> | V | 498 | Cuvier. |
| 397 | 1253 | <i>Labridae dimidiatus</i> | XIII | 136 | (Valenciennes). |
| 405 | 1 66 | <i>PlatyGLOSSUS dussumieri</i> | XIII | 478 | (Valenciennes). |
| 407 | 1270 | <i>PlatyGLOSSUS nebulosus</i> | XIII | 461 | (Valenciennes). |
| 411 | 1278 | <i>Novacula punctulata</i> | XIV | 73 | Valenciennes. |
| 421 | 1294 | <i>Pseudodox moluccanus</i> | XIV | 305 | (Valenciennes). |
| 425 | 1300 | <i>Pseudoscarus aeruginosus</i> | XIV | 257 | (Valenciennes). |
| 426 | 1301 | <i>Pseudoscarus rivulatus</i> | XIV | 223 | (Valenciennes). |
| 426 | 1302 | <i>Pseudoscarus dussumieri</i> | XIV | 252 | (Valenciennes). |
| 427 | 1304 | <i>Pseudoscarus erythrodon</i> | XIV | 255 | (Valenciennes). |

Summary

According to International Code of Zoological Nomenclature, the conventional practice of crediting dual authorship to the names of fishes first proposed by Cuvier and Valenciennes in their "Histoire Naturelle des Poissons" is not considered correct since the different sections were written under their individual responsibility. Of the 22 volumes of the above work published from 1828 to 1849, Baron Cuvier had share only up to the 9th volume which was in press at the time of his death in 1832. 257 species under the dual authorship of Cuvier and Valenciennes are recorded by Day in his *Fishes of India* (1876-1888) and *Fishes* (1889) in the "Fauna of British India" Series. Of these, Cuvier is responsible for descriptions of 99 species and Valenciennes for 158 species. These are checked and listed with the appropriate author's name against each species.