

LIST OF ILLUSTRATIONS.

COLORED PLATES.

PLATE I.

	Facing page.
<i>Echidna nebulosa</i> (Ahl)	574

Painting by A. H. Baldwin from a specimen 29 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE II.

<i>Synodus varius</i> (Lacépède)	574
--	-----

Painting by A. H. Baldwin from a specimen 10 inches long, collected at the Hawaiian Islands by Jordan and Evermann in 1901.

PLATE III.

<i>Parexocetus brachypterus</i> (Solander)	574
--	-----

Painting by A. H. Baldwin from a specimen 7 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE IV.

<i>Holotrachys lima</i> (Cuvier & Valenciennes)	574
---	-----

Painting by A. H. Baldwin from a specimen 5 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE V.

<i>Myripristis murdjan</i> (Forskål)	574
--	-----

Painting by A. H. Baldwin from a specimen 8 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE VI.

<i>Myripristis chryseres</i> Jordan & Evermann	574
--	-----

Painting by A. H. Baldwin from the type, No. 50629, U.S.N.M., a specimen 9 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE VII.

<i>Flammeo scythrops</i> Jordan & Evermann	574
--	-----

Painting by A. H. Baldwin from the type, No. 5063 , U.S.N.M., a specimen 9.25 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE VIII.

<i>Holocentrus spinifer</i> (Forskål)	574
---	-----

Painting by A. H. Baldwin from a specimen 15 inches long, collected at Honolulu by Jordan and Evermann in 1901. *Holocentrus leo* Cuvier & Valenciennes on the plate.

PLATE IX.

<i>Holocentrus xantherythrus</i> Jordan & Evermann	574
--	-----

Painting by A. H. Baldwin from the type, No. 50635, U.S.N.M., a specimen 6 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE X.

Facing page.

<i>Holocentrus diadema</i> (Lacépède).....	574
--	-----

Painting by Kako Morita from a specimen 6.1 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE XI.

<i>Holocentrus ensifer</i> Jordan & Evermann	574
--	-----

Painting by A. H. Baldwin from a specimen 8.5 inches long, collected at Hilo by Jordan and Evermann in 1901; not the type, as labeled.

PLATE XII.

<i>Caranx speciosus</i> (Forskål)	574
---	-----

Painting by A. H. Baldwin from a specimen 16 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE XIII.

<i>Amia menesema</i> (Jenkins)	574
--------------------------------------	-----

Painting by A. H. Baldwin from a specimen 6 inches long, collected at Hilo by Jordan and Evermann in 1901.
Apogon menesemus Jenkins on the plate.

PLATE XIV.

<i>Pikea aurora</i> Jordan & Evermann	574
---	-----

Painting by A. H. Baldwin from the type, No. 50675, U.S.N.M., a specimen 6.2 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE XV.

<i>Odontanthias fuscipinnis</i> (Jenkins)	574
---	-----

Painting by A. H. Baldwin from a specimen 8 inches long, collected at Hilo by Jordan and Evermann in 1901.
Anthias fuscipinnis Jenkins on the plate.

PLATE XVI.

<i>Apsilus brighami</i> (Seale)	574
---------------------------------------	-----

Painting by A. H. Baldwin from a specimen 10 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE XVII.

<i>Etelis marshi</i> (Jenkins)	574
--------------------------------------	-----

Painting by A. H. Baldwin from a specimen 13 inches long, collected at Hilo by Jordan and Evermann in 1901. *Eteliscus marshi* Jenkins on the plate.

PLATE XVIII.

<i>Etelis evurus</i> Jordan & Evermann	574
--	-----

Painting by A. H. Baldwin from the type, No. 50662, U.S.N.M., a specimen 12.5 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE XIX.

<i>Erythrichthys schlegeli</i> Günther	574
--	-----

Painting by A. H. Baldwin from a specimen 12 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE XX.

<i>Sectator azureus</i> Jordan & Evermann	574
---	-----

Painting by Kako Morita from the type, No. 50664, U.S.N.M., a specimen 15.25 inches long, collected at Heeia, Oahu Island, by Jordan and Evermann in 1901.

PLATE XXI.

<i>Pseudupeneus chrysoneurus</i> Jordan & Evermann	574
--	-----

Painting by A. H. Baldwin from the type, No. 50666, U.S.N.M., a specimen 6.75 inches long, collected at Hilo by Jordan and Evermann in 1901.

LIST OF ILLUSTRATIONS.

VII

PLATE XXII.

Facing page.

<i>Pseudupeneus multifasciatus</i> (Quoy & Gaimard).....	574
Painting by A. H. Baldwin from a specimen 12 inches long, collected at Honolulu by Jordan and Evermann in 1901.	

PLATE XXIII.

<i>Lepidaplois strophodes</i> Jordan & Evermann.....	574
Painting by A. H. Baldwin from a specimen 4.7 inches long, collected at Honolulu by Jordan and Evermann in 1901.	

PLATE XXIV.

<i>Lepidaplois albotaeniatus</i> (Cuvier & Valenciennes).....	574
Painting by A. H. Baldwin from a specimen 8.3 inches long, collected at Honolulu by Jordan and Evermann in 1901. <i>Lepidaplois bilunulatus</i> (Lacépède) on the plate.	

PLATE XXV.

<i>Verriculus sanguineus</i> Jordan & Evermann.....	574
Painting by A. H. Baldwin from the type, No. 50677, U.S.N.M., a specimen 7.5 inches long, collected at Hilo by Jordan and Evermann in 1901.	

PLATE XXVI.

<i>Stetho julis albovitta</i> a (Kölreuter)	574
Painting by Kako Morita from a specimen 4.6 inches long, collected at Honolulu by Jordan and Evermann in 1901.	

PLATE XXVII.

<i>Julis pulcherrima</i> (Günther)	574
Painting by C. B. Hudson from a specimen 8.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	

PLATE XXVIII.

<i>Julis flavovittata</i> Bennett.....	574
Painting by Kako Morita from a specimen 2 inches long, collected at Laysan Island by the Albatross in 1902.	

PLATE XXIX.

<i>Julis eydouxi</i> Cuvier & Valenciennes.....	574
Painting by A. H. Baldwin from a specimen 11.25 inches long, collected at Honolulu by Jordan and Evermann in 1901.	

PLATE XXX.

<i>Julis greenovii</i> Bennett.....	574
Painting by Kako Morita from a specimen 3.5 inches long, collected at Samoa by Jordan and Kellogg in 1902.	

PLATE XXXI.

<i>Coris venusta</i> Vaillant & Sauvage.....	574
Painting by C. B. Hudson from a specimen 6 inches long, collected at Honolulu by Jordan and Evermann in 1901. <i>Hemicoris venusta</i> (Vaillant & Sauvage) on the plate.	

PLATE XXXII.

<i>Coris ballieui</i> Vaillant & Sauvage	574
Painting by A. H. Baldwin from a specimen 10 inches long, collected at Honolulu by Jordan and Evermann in 1901. <i>Hemicoris ballieui</i> (Vaillant & Sauvage) on the plate.	

PLATE XXXIII.

<i>Cheilio inermis</i> (Forskål)	574
Painting by A. H. Baldwin from a specimen 10 inches long, collected at Honolulu by Jordan and Evermann in 1901.	

PLATE XXXIV.

Thalassoma fuscum (Lacépède) 574
 Facing page.

Painting by A. H. Baldwin from a specimen 9.5 inches long, collected at Honolulu by Jordan and Evermann in 1901. **Thalassoma purpureum** (Forskål) on the plate.

PLATE XXXV.

Thalassoma duperrey (Quoy & Gaimard) 574

Painting by C. B. Hudson from a specimen 6.75 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE XXXVI.

Gomphosus tricolor Quoy & Gaimard 574

Painting by C. B. Hudson from a specimen 8 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE XXXVII.

Pseudocheilinus octotænia Jenkins 574

Painting by A. H. Baldwin from a specimen 4.1 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE XXXVIII.

Cheilinus bimaculatus Cuvier & Valenciennes 574

Painting by C. B. Hudson from a specimen 5 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE XXXIX.

Hemipteronotus baldwini Jordan & Evermann 574

Painting by A. H. Baldwin from the type, No. 50644 U.S.N.M., a specimen 8.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE XL.

Novaculichthys woodi Jenkins 574

Painting by A. H. Baldwin from a specimen 6.2 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE XLI.

Novaculichthys kallosoma (Bleeker) 574

Painting by Kako Morita from a specimen 2.4 inches long, collected at Samoa by Jordan and Kellogg in 1902.

PLATE XLII.

Iniistius pavoninus (Cuvier & Valenciennes) 574

Painting by A. H. Baldwin from a specimen 13 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE XLIII.

Callyodon lauia (Jordan & Evermann) 574

Painting by A. H. Baldwin from the type, No. 50648, U.S.N.M., a specimen 14 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE XLIV.

Pseudoscarus jordani Jenkins 574

Painting by Kako Morita from a specimen 15 inches long, collected at the Hawaiian Islands by Jordan and Evermann in 1901.

PLATE XLV.

Antigonia steindachneri Jordan & Evermann 574

Painting by A. H. Baldwin from a specimen 6.2 inches long, collected at Hilo by Jordan and Evermann in 1901.

LIST OF ILLUSTRATIONS.

IX

PLATE XLVI.

	Facing page.
<i>Forcipiger longirostris</i> (Broussonet)	574

Painting by Kako Morita from a specimen 5.6 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE XLVII.

	574
<i>Chætodon setifer</i> (Bloch)	574

Painting by A. H. Baldwin from a specimen 4.75 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE XLVIII.

	574
<i>Chætodon miliaris</i> (Quoy & Gaimard)	574

Painting by A. H. Baldwin from a specimen 4.2 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE XLIX.

	574
<i>Chætodon quadrimaculatus</i> Gray	574

Painting by A. H. Baldwin from a specimen 5 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE L.

	574
<i>Chætodon unimaculatus</i> Bloch	574

Painting by A. H. Baldwin from a specimen 5.25 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LI.

	574
<i>Chætodon fremblii</i> Bennett	574

Painting by A. H. Baldwin from a specimen 6.5 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE LII.

	574
<i>Chætodon trifasciatus</i> Mungo Park	574

Painting by Kako Morita from a specimen 6 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LIII.

	574
<i>Chætodon ornatissimus</i> Solander	574

Painting by A. H. Baldwin from a specimen 4.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LIV.

	574
<i>Chætodon lunula</i> (Lacépède)	574

Painting by A. H. Baldwin from a specimen 5.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LV.

	574
<i>Heniochus acuminatus</i> (Linnaeus)	574

Painting by A. H. Baldwin from a specimen 6.75 inches long, collected at Honolulu by Jordan and Evermann in 1901. *Heniochus macrolepidotus* (Linnaeus) on the plate.

PLATE LVI.

	574
<i>Holacanthus bispinosus</i> Günther	574

Painting by Kako Morita from a specimen collected at Samoa by Jordan and Kellogg in 1902.

PLATE LVII.

	574
<i>Zanclus canescens</i> (Linnaeus)	574

Painting by A. H. Baldwin from a specimen 4.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LVIII.

	574
<i>Hepatus achilles</i> (Shaw)	574

Painting by A. H. Baldwin from a specimen 8.4 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LIX.

	Facing page.
<i>Zebrasoma flavescens</i> (Bennett)	574

Painting by A. H. Baldwin from a specimen 5.3 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LX.

	574
<i>Callicanthus lituratus</i> (Forster)	574

Painting by A. H. Baldwin from a specimen 11 inches long, collected at Hilo by Jordan and Evermann in 1901. *Acanthurus unicornis* (Forskål) on the plate.

PLATE LXI.

	574
<i>Balistes vidua</i> Solander.....	574

Painting by A. H. Baldwin from a specimen 8.75 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE LXII.

	574
<i>Balistapus aculeatus</i> (Linnaeus)	574

Painting by A. H. Baldwin from a specimen 8.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LXIII.

	574
<i>Balistapus rectangulus</i> (Bloch & Schneider)	574

Painting by C. B. Hudson from a specimen 7.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LXIV.

	574
<i>Melichthys radula</i> (Solander)	574

Painting by A. H. Baldwin from a specimen 9 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LXV.

	574
<i>Stephanolepis spilosomus</i> (Lay & Bennett)	574

Painting by A. H. Baldwin from a specimen 5.4 inches long, collected at Hilo by Jordan and Evermann in 1901.

PLATE LXVI.

	574
<i>Tetraodon hispidus</i> Linnaeus.....	574

Painting by C. B. Hudson from a specimen 9 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LXVII.

	574
<i>Paracirrhites forsteri</i> (Blcch & Schneider)	574

Painting by C. B. Hudson from a specimen 7 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LXVIII.

	574
<i>Paracirrhites cinctus</i> (Günther)	574

Painting by C. B. Hudson from a specimen 3.75 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LXIX.

	574
<i>Paracirrhites arcatus</i> (Cuvier & Valenciennes)	574

Painting by C. B. Hudson from a specimen 4.2 inches long, collected at Honolulu by Jordan and Evermann in 1901.

PLATE LXX.

	574
<i>Cirrhites marmoratus</i> (Lacépède)	574

Painting by C. B. Hudson from a specimen 7 inches long, collected at Honolulu by Jordan and Evermann in 1901.

LIST OF ILLUSTRATIONS.

XI

PLATE LXXI.

	Facing page.
Scorpaenopsis cacopsis Jenkins.....	574
Painting by A. H. Baldwin from a specimen 12 inches long, collected at Honolulu by Jordan and Evermann in 1901.	

PLATE LXXII.

	574
Scopæna ballieui Vaillant & Sauvage.....	574
Painting by A. H. Baldwin from a specimen 8.8 inches long, collected at Honolulu by Jordan and Evermann in 1901. <i>Sebastapistes ballieui</i> (Vaillant & Sauvage) on the plate.	

PLATE LXXIII.

	574
Dendrochirus barbatus Steindachner.....	574
Painting by C. B. Hudson from the type of <i>D. hudsoni</i> Jordan & Evermann, a specimen 4 inches long, collected at Honolulu by Jordan and Evermann in 1901.	

	574
Map of the Hawaiian Islands	574

BLACK AND WHITE PLATES.

Pl. 1. <i>Carcharias melanopterus</i> Quoy & Gaimard	38
Drawing by W. S. Atkinson from a specimen 31 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
2. <i>Carcharias phorcys</i> Jordan & Evermann.....	39
Drawing by W. S. Atkinson from the type, No. 50612, U.S.N.M., a specimen 27.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
3. Fig. 1. <i>Carcharias insularum</i> Snyder	40
Drawing by W. S. Atkinson from the type, No. 50859, U.S.N.M., a specimen 84 inches long, collected at Station 3815, off Diamond Head, Oahu Island, by the <i>Albatross</i> in 1902.	
3. Fig. 2. <i>Carcharias nesiotes</i> Snyder	40
Drawing by W. S. Atkinson from the type, No. 50860, U.S.N.M., a specimen 60 inches long, collected at French Frigate Shoals by the <i>Albatross</i> in 1902.	
4. Fig. 1. <i>Dasyatis hawaiiensis</i> Jenkins	48
Drawing by W. S. Atkinson from the type, a specimen 6.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
4. Fig. 2. <i>Dasyatis sciera</i> Jenkins	48
Drawing by W. S. Atkinson from the type, a specimen 41 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
5. Fig. 1. <i>Veterino verrens</i> Snyder	80
Drawing by Sekko Shimada from the type, No. 50862, U.S.N.M., a specimen 11 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
5. Fig. 2. <i>Sphagebranchus flavicaudus</i> Snyder	80
Drawing by Sekko Shimada from the type, No. 50863, U.S.N.M., a specimen 13 inches long, collected at Station 3874, between Maui and Lanai islands, by the <i>Albatross</i> in 1902.	
6. <i>Microdonophis fowleri</i> Jordan & Evermann	82
Drawing by A. H. Baldwin from the type, No. 50613, U.S.N.M., a specimen 23 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
7. <i>Brachysomophis henshawi</i> Jordan & Snyder.....	84
Drawing by Sekko Shimada from the type, No. 51399, U.S.N.M., a specimen 20 inches long, collected at Honolulu by E. L. Berndt in 1902.	
8. Fig. 1. <i>Callechelys luteus</i> Snyder.....	86
Drawing by Sekko Shimada from the type, No. 50864, U.S.N.M., a specimen 31.5 inches long, collected at Station 3821, off southern coast of Molokai, by the <i>Albatross</i> in 1902.	
8. Fig. 2. <i>Moringua hawaiiensis</i> Snyder	86
Drawing by Kako Morita from the type, No. 50865, U.S.N.M., a specimen 12 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	

	Facing page.
Pl. 9. <i>Muraena kailuae</i> Jordan & Evermann	88
Drawing by A. H. Baldwin from the type, No. 50614, U.S.N.M., a specimen 19 inches long, collected at Kailua by Goldsborough and Sindo in 1901.	
10. <i>Enchelynassa bleekeri</i> Kaup	90
Drawing by Sekko Shimado from a specimen 53 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
11. <i>Enchelynassa vinolentus</i> (Jordan & Evermann)	91
Drawing by A. H. Baldwin from the type, No. 50615, U.S.N.M., a specimen 29 inches long, collected at Kailua by Goldsborough and Sindo in 1901.	
12. <i>Gymnothorax laysanus</i> (Steindachner)	94
Drawing by A. H. Baldwin from a specimen 4.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
13. Fig. 1. <i>Gymnothorax waialuae</i> Snyder	98
Drawing by Sekko Shimada from the type, No. 50870, U.S.N.M., a specimen 4 inches long, collected at Waialuae, Oahu Island, by the <i>Albatross</i> in 1902.	
13. Fig. 2. <i>Europterygius leucurus</i> Snyder	98
Drawing by R. L. Hudson from the type, No. 50871, U.S.N.M., a specimen 4.5 inches long, collected at Station 3874, between Maui and Lanai islands, by the <i>Albatross</i> in 1902.	
14. Fig. 1. <i>Gymnothorax mucifer</i> Snyder	98
Drawing by Kako Morita from the type, No. 50868, U.S.N.M., a specimen 26.5 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
14. Fig. 2. <i>Gymnothorax xanthostomus</i> Snyder	98
Drawing by Sekko Shimada from the type, No. 50869, U.S.N.M., a specimen 36 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
15. Fig. 1. <i>Gymnothorax nuttingi</i> Snyder	98
Drawing by Kako Morita from the type, No. 50866, U.S.N.M., a specimen 29 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
15. Fig. 2. <i>Gymnothorax berndti</i> Snyder	98
Drawing by R. L. Hudson from the type, No. 50867, U.S.N.M., a specimen 35 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
16. <i>Gymnothorax undulatus</i> (Lacépède)	98
Drawing by A. H. Baldwin from a specimen 35 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
17. <i>Gymnothorax flavigularis</i> (Rüppell)	98
Drawing by C. B. Hudson from a specimen 23 inches long, collected at Honolulu by Jordan and Evermann in 1901. Type of <i>Gymnothorax thalassopterus</i> Jenkins.	
18. <i>Gymnothorax hilonis</i> Jordan & Evermann	102
Drawing by Kako Morita from the type, No. 50618, U.S.N.M., a specimen 9.5 inches long, collected at Hilo by Jordan and Evermann in 1901.	
19. <i>Gymnothorax pictus</i> (Ahl)	104
Drawing by C. B. Hudson from a specimen 27.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
20. <i>Echidna zebra</i> (Shaw)	106
Drawing by C. B. Hudson from a specimen collected at Honolulu by Jordan and Evermann in 1901.	
21. <i>Echidna zonophæa</i> Jordan & Evermann	109
Drawing by A. H. Baldwin from the type, No. 50621, U.S.N.M., a specimen 21 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
22. <i>Scuticaria tigrina</i> (Lesson)	112
Drawing by C. B. Hudson from a specimen 40 inches long collected at the Hawaiian Islands by Jordan and Evermann in 1901.	

LIST OF ILLUSTRATIONS.

XIII

	Facing page.
Pl. 23. <i>Hippocampus hilonis</i> Jordan & Evermann	119
Drawing by A. H. Baldwin from the type, No. 50626, U.S.N.M., a specimen 6 inches long, collected at Hilo by Jordan and Evermann in 1901.	
24. <i>Exonautes giberti</i> Snyder	134
Drawing by Sekko Shimada from the type, No. 50872, U.S.N.M., a specimen 10.2 inches long, collected between Stations 3799 and 3800 by <i>Albatross</i> in 1902.	
25. <i>Cypsilurus atrisignis</i> Jenkins	136
Drawing by W. S. Atkinson from the type, No. 50718, U.S.N.M., a specimen 18.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
26. <i>Myripristis symmetricus</i> Jordan & Evermann	151
Drawing by C. B. Hudson from the type, No. 50632, U.S.N.M., a specimen 5.5 inches long, collected at Hilo by Jordan and Evermann in 1901.	
27. <i>Myripristis argyromus</i> Jordan & Evermann	154
Drawing by C. B. Hudson from the type, No. 50631, U.S.N.M., a specimen 9 inches long, collected at Honolulu by Jordan and Evermann in 1902.	
28. <i>Holocentrus ensifer</i> Jordan & Evermann	165
Drawing by C. B. Hudson from the type, No. 50637, U.S.N.M., a specimen 6.25 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
29. <i>Promethichthys prometheus</i> (Cuvier & Valenciennes)	178
Drawing by A. H. Baldwin from a specimen 17 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
30. <i>Decapterus sanctæ-helenæ</i> (Cuvier & Valenciennes)	186
Drawing by A. H. Baldwin from the type of <i>D. canonoïdes</i> Jenkins, No. 5 846, U.S.N.M., a specimen 9 inches long, collected at Honolulu by Dr. A. B. Wood in 1899.	
31. <i>Carangus elacate</i> Jordan & Evermann	190
Drawing by Kako Morita from the type, No. 50638, U.S.N.M., a specimen 27 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
32. <i>Carangus helvolus</i> (Forster)	196
Drawing by Sekko Shimada from a specimen 15 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
33. Fig. 1. <i>Carangus cheilio</i> Snyder	196
Drawing by Sekko Shimada from the type, No. 50873, U.S.N.M., a specimen 28.5 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
33. Fig. 2. <i>Carangoides ajax</i> Snyder	200
Drawing by Sekko Shimada from the type, No. 50874, U.S.N.M., a specimen 39 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
34. Fig. 1. <i>Collybus drachme</i> Snyder	203
Drawing by W. S. Atkinson from the type, No. 50875, U.S.N.M., a specimen 3.5 inches long, collected at Station 4176, off Niihau Island, by the <i>Albatross</i> in 1902.	
34. Fig. 2. <i>Amia erythrinus</i> (Snyder)	203
Drawing by W. S. Atkinson from the type, No. 50876, U.S.N.M., a specimen 1.9 inches long, collected in Puako Bay, Hawaii, by the <i>Albatross</i> in 1902.	
35. <i>Mionorus waikiki</i> (Jordan & Evermann)	210
Drawing by Kako Morita from the type, No. 50640, U.S.N.M., a specimen 2.2 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
36. <i>Amia snyderi</i> (Jordan & Evermann)	214
Drawing by Kako Morita from the type, No. 50640, U.S.N.M., a specimen 5.25 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
37. <i>Ariomma lurida</i> Jordan & Snyder	218
Drawing by W. S. Atkinson from the type, No. 51400, U.S.N.M., a specimen 7.5 inches long, collected at Honolulu by E. L. Berndt in 1902.	

	Facing page.
Pl. 38. <i>Etelis evurus</i> Jordan & Evermann	242
Drawing by W. S. Atkinson from the type, No. 50662, U.S.N.M., a specimen 12.5 inches long, collected at Hilo by Jordan and Evermann in 1901.	
39. <i>Upeneus arge</i> Jordan & Evermann	264
Drawing by C. B. Hudson from the type, No. 50667, U.S.N.M., a specimen 8.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
40. <i>Abudeiduf sindonis</i> (Jordan & Evermann)	272
Drawing by Kako Morita from the type, No. 50669, U.S.N.M., a specimen 3.75 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
41. <i>Thalassoma aneitense</i> (Günther)	304
Drawing by Sekko Shimada from a specimen 6 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
42. Fig. 1. <i>Cirrhilabrus jordani</i> Snyder	316
Drawing by C. B. Hudson from the type, No. 50876, U.S.N.M., a specimen 3.15 inches long, collected at Station 3876, between Maui and Lanai islands, by the <i>Albatross</i> in 1902.	
42. Fig. 2. <i>Hemipteronotus jenkinsi</i> Snyder	316
Drawing by Sekko Shimada from the type, No. 50879, U.S.N.M., a specimen 10 inches long, collected in Puako Bay, Hawaii, by the <i>Albatross</i> in 1902.	
43. <i>Pseudocheilinus evanidus</i> Jordan & Evermann	317
Drawing by C. B. Hudson from the type, No. 50678, U.S.N.M., a specimen 3.25 inches long, collected at Hilo by Jordan and Evermann in 1901.	
44. <i>Callyodon dubius</i> (Bennett)	350
Drawing by Sekko Shimada from a specimen 6.5 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
45. <i>Callyodon bennetti</i> (Cuvier & Valenciennes)	352
Drawing by Kako Morita from a specimen 5.16 inches long, collected at Honolulu by Dr. T. D. Wood in 1898.	
46. Fig. 1. <i>Chætodon corallicola</i> Snyder	374
Drawing by Sekko Shimada from the type, No. 50880, U.S.N.M., a specimen 2.6 inches long, collected at Station 4032, off Diamond Head, Oahu Island, by the <i>Albatross</i> in 1902.	
46. Fig. 2. <i>Holacanthus fisheri</i> Snyder	374
Drawing by Sekko Shimada from the type, No. 50881, U.S.N.M., a specimen 3 inches long, collected at Station 4032, off Diamond Head, Oahu Island, by the <i>Albatross</i> in 1902.	
47. <i>Hepatus umbra</i> (Jenkins)	387
Drawing by Kako Morita from the type, a specimen 7.2 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
48. <i>Stephanolepis pricei</i> Snyder	421
Drawing by Kako Morita from the type, No. 50882, U.S.N.M., a specimen 2.5 inches long, collected at Station 4021, vicinity of Kauai Island, by the <i>Albatross</i> in 1902.	
49. <i>Lagocephalus oceanicus</i> Jordan & Evermann	425
Drawing by Kako Morita from the type, No. 50820, U.S.N.M., a specimen 5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
50. <i>Canthigaster pseigma</i> (Jordan & Evermann)	434
Drawing by Kako Morita from the type, No. 50885, U.S.N.M., a specimen 3.75 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
51. <i>Ostracion oahuensis</i> Jordan & Evermann	443
Drawing by Kako Morita from the type, No. 50668, U.S.N.M., a specimen 5.6 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
52. <i>Lactoria schlemmeri</i> Jordan & Snyder	444
Drawing by Sekko Shimada from the type, No. 8440, L. S. Jr. Univ. Mus., a specimen 4 inches long, collected off Laysan Island by Max Schlemmer in 1902.	

LIST OF ILLUSTRATIONS.

XV

	Facing page.
Pl. 53. <i>Lactoria schlemmeri</i> Jordan & Snyder	444
Drawing by Sekko Shimada from the type, No. 8440, L. S. Jr. Univ. Mus., a specimen 4.15 inches long, collected at Laysan Island by Max Schlemmer in 1902.	
54. <i>Cheilodactylus vittatus</i> Garrett	447
Drawing by Sekko Shimada from a specimen 5.25 inches long, collected at Honolulu by Dr. Julius Rosenstern.	
55. <i>Merinthe macrocephalus</i> (Sauvage)	461
Drawing by Chloe Lesley Starks from a specimen 10.75 inches long, collected at Hilo by Jordan and Evermann in 1901.	
56. <i>Scorpænopsis gibbosa</i> (Bloch & Schneider)	468
Drawing by Sekko Shimada from a specimen 9.5 inches long, collected at Honolulu by the <i>Albatross</i> in 1902. Type of <i>Scorpænopsis catocala</i> Jordan & Evermann.	
57. <i>Gobiomorphus eugenius</i> (Jordan & Evermann)	483
Drawing by C. B. Hudson from the type, No. 50674, U.S.N.M., a specimen 2 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
58. <i>Gnatholepis knighti</i> Jordan & Evermann	488
Drawing by Chloe Lesley Starks from the type, No. 50653, U.S.N.M., a specimen 2.25 inches long, collected at Hilo by Jordan and Evermann in 1901.	
59. <i>Gobiopterus farcimen</i> Jordan & Evermann	482
Drawing by Chloe Lesley Starks from the type, No. 50654, U.S.N.M., a specimen 1.1 inches long, collected at Hilo by Jordan and Evermann in 1901.	
60. <i>Vitraria clarescens</i> Jordan & Evermann	486
Drawing by C. B. Hudson from the type, No. 50655, U.S.N.M., a specimen 12 inches long, collected at Hilo by Jordan and Evermann in 1901.	
61. <i>Fierasfer umbratilis</i> Jordan & Evermann	505
Drawing by Kako Morita from the type, No. 50656, U.S.N.M., a specimen 7.6 inches long, collected at Hilo by Jordan and Evermann in 1901.	
62. <i>Engyprosopon arenicola</i> Jordan & Evermann	515
Drawing by Kako Morita from the type, No. 50658, U.S.N.M., a specimen 2.5 inches long, collected at Hilo by Jordan and Evermann in 1901.	
63. <i>Antennarius laysanii</i> Jordan & Snyder	520
Drawing by Sekko Shimada from the type, No. 8439, L. S. Jr. Univ. Mus., a specimen 4 inches long, collected off Laysan Island by Max Schlemmer in 1903.	
64. <i>Antennarius drombus</i> Jordan & Evermann	521
Drawing by Kako Morita from the type, No. 50659, U.S.N.M., a specimen 1.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
65. Fig. 1. <i>Antennarius nexilis</i> Snyder	522
Drawing by Kako Morita from the type, No. 50888, U.S.N.M., a specimen 4.1 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
65. Fig. 2. <i>Antennarius duescuss</i> Snyder	522
Drawing by W. S. Atkinson from the type, No. 50884, U.S.N.M., a specimen 1.6 inches long, collected at Station 8872 by the <i>Albatross</i> in 1902.	

TEXT FIGURES.

	Page,
1. <i>Amphioxides pelagicus</i> (Günther)	33
After Günther, Zool. Challenger, Report Pelagic Fishes, pl. vi, fig. B.	
2. <i>Galeus japonicus</i> (Müller & Henle)	36
After Müller and Henle, Plagiostomen, pl. 22.	
3. <i>Prionace glauca</i> (Linnaeus)	37
After Jordan and Evermann, Fishes North and Middle America, pl. iv, fig. 16.	

XVI BULLETIN OF THE UNITED STATES FISH COMMISSION.

	Page.
4. <i>Alopias vulpes</i> (Gmelin)	42
After Jordan and Evermann, Fishes North and Middle America, pl. vi, fig. 20.	
5. <i>Isuopsis glauca</i> (Müller & Henle)	43
After Müller and Henle, Plagiostomen, pl. 29.	
6. <i>Squalus mitsukurii</i> Jordan & Snyder	45
Drawing from the type, No. 7184, L. S. Jr. Univ. Mus., a specimen 28.5 inches long, collected at Misaki, Japan, by Jordan and Snyder in 1900.	
7. <i>Stoasodon narinari</i> (Euphrasen)	49
After Jordan and Evermann, Fishes North and Middle America, pl. xv.	
8. <i>Elops saurus</i> (Linnaeus)	54
After Jordan and Evermann, Fishes North and Middle America, pl. LXVII, fig. 178.	
9. <i>Albula vulpes</i> (Linnaeus)	55
After Jordan and Evermann, Fishes North and Middle America, pl. LXVIII, fig. 179.	
10. <i>Chanos chanos</i> (Forskål)	57
Drawing by Chloe Lesley Starks from a specimen 9 inches long, collected at Honolulu by E. L. Berndt in 1902.	
11. <i>Etrumeus micropus</i> (Schlegel)	59
After Schlegel, Fauna Japonica, Poiss., pl. 107, fig. 2.	
12. <i>Anchovia purpurea</i> (Fowler)	60
Drawing by A. H. Baldwin from a specimen 3 inches long, collected at Hilo by Jordan and Evermann in 1901.	
13. <i>Trachinocephalus myops</i> (Forster)	62
After Jordan and Evermann, Fishes North and Middle America, pl. LXXXVIII, fig. 235.	
14. <i>Synodus varius</i> (Lacépède)	64
Drawing by A. H. Baldwin from a specimen 5.2 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
15. <i>Rhinoscopelus oceanicus</i> Jordan & Evermann	68
Drawing by A. H. Baldwin from the type, No. 50622, U.S.N.M., a specimen 1.3 inches long, collected at 137° 35' west, 10° 57' north by the <i>Albatross</i> in 1899.	
16. <i>Congrellus bowersi</i> Jenkins	77
Drawing by W. S. Atkinson from the type, a specimen 10 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
17. <i>Congrellus aequoreus</i> (Gilbert & Cramer)	78
After Gilbert and Cramer, Proc. U. S. Nat. Mus., XIX, 1897, pl. xxxvii; from the type, No. 47696, U.S.N.M.	
18. <i>Microdonophis macgregori</i> Jenkins	83
Drawing by W. S. Atkinson from the type, a specimen 10.2 inches long, collected at Lahaina by Jordan and Evermann in 1901.	
19. <i>Myrichthys stypurus</i> (Smith & Swain)	85
Drawing by A. H. Baldwin from the type, a specimen 24.25 inches long, collected at Johnston Island by the captain of a vessel belonging to the North Pacific Guano Company, in 1880.	
20. <i>Muraena kailuae</i> Jordan & Evermann	88
Drawing by W. S. Atkinson from a specimen 8 inches long, collected at Honolulu by O. P. Jenkins in 1889. Type of <i>Muraena lampra</i> Jenkins.	
21. <i>Muraena kailuae</i> Jordan & Evermann	89
Drawing by W. S. Atkinson from the type of <i>M. kauila</i> Jenkins, No. 50684, a specimen 13 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
22. <i>Gymnothorax laysanus</i> (Steindachner)	93
Drawing by A. H. Baldwin from a specimen 7 inches long obtained at Honolulu by Jordan and Evermann.	

LIST OF ILLUSTRATIONS.

XVII

	Page.
23. <i>Gymnothorax gracilicauda</i> Jenkins.....	95
Drawing by W. S. Atkinson from the type, No. 50679, U.S.N.M., a specimen 8.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
24. <i>Gymnothorax ercodes</i> Jenkins.....	95
Drawing by W. S. Atkinson from the type, No. 50843, U.S.N.M., a specimen 8.5 inches long, collected at Honolulu by the <i>Albatross</i> in 1891.	
25. <i>Gymnothorax leucostictus</i> Jenkins.....	96
Drawing by W. S. Atkinson from the type, No. 50681, U.S.N.M., a specimen 6.13 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
26. <i>Gymnothorax goldsboroughi</i> Jordan & Evermann.....	100
Drawing by A. H. Baldwin from the type, No. 50617, U.S.N.M., a specimen 21 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
27. <i>Gymnothorax petelli</i> (Bleeker)	101
Drawing by W. S. Atkinson from the type of <i>G. leucacme</i> Jenkins, No. 50682, U.S.N.M., a specimen 21 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
28. <i>Gymnothorax steindachneri</i> Jordan & Evermann.....	102
After Steindachner, Denks. Ak. Wiss. Wien, LXX, pl. vi, fig. 3.	
29. <i>Echidna psalion</i> Jenkins	107
Drawing by W. S. Atkinson from the type, No. 50685, U.S.N.M., a specimen 13 inches long, collected at Honolulu by the <i>Albatross</i> in 1890.	
30. <i>Echidna obscura</i> Jenkins.....	107
Drawing by W. S. Atkinson from the type, No. 50686, U.S.N.M., a specimen 9.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
31. <i>Echidna zonata</i> Fowler	108
Drawing by W. S. Atkinson from the type of <i>E. vineta</i> Jenkins, No. 50687, U.S.N.M., a specimen 13.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
32. <i>Echidna leihala</i> Jenkins	110
Drawing by W. S. Atkinson from the type, No. 50844, U.S.N.M., a specimen 17 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
33. <i>Uropterygius marmoratus</i> (Lacépède)	111
After Bleeker, Atlas Ichth., IV, pl. xi, fig. 2.	
34. <i>Aulostomus valentini</i> (Bleeker)	115
After Günther, Fische der Südsee, VII, pl. 123, figs. B and C.	
35. <i>Solenostomus cyanopterus</i> Bleeker	118
Drawing by A. H. Baldwin from a specimen about 6 inches long, an adult female, collected at Boshu (Awa), Japan, by Dr. Kishinouye, about the year 1900.	
36. <i>Hippocampus fisheri</i> Jordan & Evermann	120
Drawing by A. H. Baldwin from the type, No. 50625, U.S.N.M., a specimen 2.6 inches long, collected at Kailua by Jordan and Evermann in 1901.	
37. <i>Doryrhamphus pleurotaenia</i> (Günther)	121
After Günther, Zool. Challenger, Rept. Shore Fishes, pl. 26, fig. D.	
38. <i>Belone platyura</i> Bennett.....	123
Drawing by A. H. Baldwin from a specimen 15 inches long, collected at Kailua by Jordan and Evermann in 1901.	
39. <i>Tylosurus giganteus</i> (Schlegel)	124
After Bleeker, Atlas Ichth., VI, pl. 258, fig. 3.	
40. <i>Athlennes hians</i> (Cuvier & Valenciennes)	125
Drawing by A. H. Baldwin from a specimen 30 inches long, collected at Honolulu by Jordan and Evermann in 1901.	

XVIII BULLETIN OF THE UNITED STATES FISH COMMISSION.

	Page.
41. <i>Hyporhamphus pacificus</i> (Steindachner)	127
Drawing by A. H. Baldwin from a specimen 10 inches long, collected at Kailua by Goldsborough and Sindo in 1901.	
42. <i>Hemiramphus depauperatus</i> Lay & Bennett	128
Drawing by A. H. Baldwin from a specimen 14.75 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
43. <i>Euleptorhamphus longirostris</i> (Cuvier)	129
Drawing by A. H. Baldwin from a specimen 17.5 inches long, collected at Honolulu by Jordan and Ever- mann in 1901.	
44. <i>Evolantia microptera</i> (Cuvier & Valenciennes)	131
Drawing by A. H. Baldwin from a specimen 7 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
45. <i>Exocetus volitans</i> Linnaeus	133
After Jordan and Evermann, Fishes North and Middle America, pl. CXVIII, fig. 318.	
46. <i>Cypsilurus simus</i> (Cuvier & Valenciennes)	135
Drawing by A. H. Baldwin from a specimen 15 inches long, collected at Honolulu by Jordan and Ever- mann in 1901.	
47. <i>Atherina insularum</i> Jordan & Evermann	138
Drawing by W. S. Atkinson from the type, No. 50819, U.S.N.M., a specimen 2.25 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
48. <i>Mugil cephalus</i> Linnaeus	140
After Jordan and Evermann, Fishes North and Middle America, pl. CXXVI, fig. 343.	
49. <i>Chænomugil chaptalii</i> (Eydox & Souleyet)	141
Drawing by A. H. Baldwin from a specimen 9.7 inches long, collected at Hilo by Jordan and Evermann in 1901.	
50. <i>Sphyraena snodgrassi</i> Jenkins	142
Drawing by W. S. Atkinson from the type, No. 49693, U.S.N.M., a specimen 10.4 inches long to base of caudal, collected at Honolulu by O. P. Jenkins in 1889.	
51. <i>Sphyraena helleri</i> Jenkins	143
Drawing by W. S. Atkinson from the type, No. 49692, U.S.N.M., a specimen 15 inches long; collected at Honolulu by O. P. Jenkins in 1889.	
52. <i>Ostichthys pillwaxii</i> (Steindachner)	148
After Steindachner, Ichth. Beiträge, XVI, taf. 1.	
53. <i>Myripristis sealei</i> Jenkins	152
Drawing by W. S. Atkinson from the type, No. 50708, U.S.N.M., a specimen 5.25 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
54. <i>Myripristis berndti</i> Jordan & Evermann	153
Drawing by Chloe Lesley Starks from the type, No. 50627, U.S.N.M., a specimen 8.25 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
55. <i>Myripristis argyromus</i> Jordan & Evermann	154
Drawing by Chloe Lesley Starks from the type, No. 50631, U.S.N.M., a specimen 9.5 inches long, collected at Hilo by Jordan and Evermann in 1901.	
56. <i>Flammeo sammara</i> (Forskål)	156
Drawing by A. H. Baldwin from a specimen 7.25 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
57. <i>Flammeo scythrops</i> Jordan & Evermann	157
Drawing by A. H. Baldwin from the type, No. 50633, U. S. N. M., a specimen 9.25 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
58. <i>Holocentrus microstomus</i> Günther	160
After Günther, Fische der Südsee, IV, taf. 64, fig. B.	

LIST OF ILLUSTRATIONS.

XIX

	Page.
59. <i>Holocentrus erythræus</i> Günther	162
After Günther, Fische der Südsee, IV, taf. 63, fig. B.	
60. <i>Holocentrus punctatissimus</i> Cuvier & Valenciennes	163
After Günther, Proc. Zool. Soc. Lond. 1871, pl. 60.	
61. <i>Xiphias gladius</i> Linnaeus	168
After Cuvier, fig. 226, Histoire des Poissons.	
62. <i>Scomber japonicus</i> Houttuyn	170
After Jordan and Evermann, Fishes North and Middle America, pl. cxxxiii, fig. 364.	
63. <i>Auxis thazard</i> (Lacépède)	171
After Jordan and Evermann, Fishes North and Middle America, pl. cxxxiii, fig. 365.	
64. <i>Gymnosarda pelamis</i> (Linnaeus)	172
Drawing from a specimen 16.65 inches long.	
65. <i>Gymnosarda alletterata</i> (Rafinesque)	173
After Jordan and Evermann, Fishes North and Middle America, pl. cxxxiv, fig. 366.	
66. <i>Germo gérmo</i> (Lacépède)	174
After Schlegel, Fauna Japon., Poiss., pl. 50.	
67. <i>Ruvettus pretiosus</i> Cocco	177
Drawing by A. H. Baldwin from a specimen 5 feet long, collected at Honolulu by E. L. Berndt in 1902.	
68. <i>Naucrates ductor</i> (Linnaeus)	182
After Jordan and Evermann, Fishes North and Middle America, pl. cxxxix, fig. 379.	
69. <i>Seriola purpurascens</i> Schlegel	183
After Günther, Fische der Südsee, V, taf. 90, fig. A.	
70. <i>Seriola sparna</i> Jenkins	185
Drawing by A. H. Baldwin from the type, No. 50845, U.S.N.M., a specimen 9 inches long collected at Honolulu by O. P. Jenkins in 1889.	
71. <i>Trachurops crumenophthalmus</i> (Bloch)	187
After Jordan and Evermann, Fishes North and Middle America, pl. cxli, fig. 385.	
72. <i>Carangus ignobilis</i> (Forskål)	189
Drawing by W. S. Atkinson, from type of <i>Carangus hippoides</i> Jenkins, a specimen 9.25 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
73. <i>Carangus melampygus</i> (Cuvier & Valenciennes)	193
After Günther, Fische der Südsee, taf. 86.	
74. <i>Carangus rhabdotus</i> Jenkins	194
Drawing by W. S. Atkinson from the type, No. 50711, U.S.N.M., a specimen 5.5 inches long, collected at Honolulu by the <i>Albatross</i> in 1896.	
75. <i>Carangus politus</i> Jenkins	195
Drawing by W. S. Atkinson from the type, No. 50709, U.S.N.M., a specimen 8 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
76. <i>Carangus affinis</i> (Rüppell)	195
Drawing by W. S. Atkinson from a specimen 14 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
77. <i>Carangoides ferdau</i> (Forskål)	198
78. <i>Alectis ciliaris</i> (Bloch)	201
Drawing by H. L. Todd from a specimen 4.5 inches long, collected at Woods Hole, Mass., by V. N. Edwards in 1884.	
79. <i>Coryphæna hippurus</i> Linnaeus	204
After Jordan and Evermann, Fishes North and Middle America, pl. cxlix, fig. 402.	

	Page.
80. <i>Coryphæna equisetus</i> Linnaeus	205
After Günther, Fische der Südsee, V, taf. 93, fig. A	
81. <i>Kulia tæniura</i> (Cuvier & Valenciennes)	209
After Günther, Fische der Südsee, taf. 19, fig. C.	
82. <i>Foa brachygramma</i> (Jenkins)	211
Drawing by W. S. Atkinson from the type, No. 50699, U.S.N.M., a specimen 1.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
83. <i>Amia maculifera</i> (Garrett)	212
Drawing by A. H. Baldwin from a specimen 5.2 inches long, collected at Hilo by Jordan and Evermann in 1901.	
84. <i>Amia evermanni</i> (Jordan & Snyder)	213
Drawing by Chloe Lesley Starks from the type, No. 51487, U.S.N.M., a specimen 5.5 inches long, collected at Honolulu by E. L. Berndt in 1904.	
85. <i>Amia snyderi</i> (Jordan & Evermann)	214
Drawing by A. H. Baldwin from Günther, Fische der Südsee, taf. 19, fig. A.	
86. <i>Amia menelema</i> (Jenkins)	216
Drawing by A. H. Baldwin from the type, No. 50700, U.S.N.M., a specimen 5 inches long, collected at Honolulu by Jordan and Snyder in 1900.	
87. <i>Synagrops argyrea</i> (Gilbert & Cramer)	218
After Gilbert and Cramer, Proc. U. S. Nat. Mus., xix, 1897, pl. 39, fig. 3.	
88. <i>Cephalopholis argus</i> (Bloch & Schneider)	222
After Günther, Fische der Südsee, I, taf. 4, fig. A.	
89. <i>Epinephelus quernus</i> Seale	223
Drawing by A. H. Baldwin from a specimen 15.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
90. <i>Epinephelus quernus</i> Seale (young)	224
Drawing by A. H. Baldwin from a specimen collected at Honolulu by Jordan and Evermann in 1901.	
91. <i>Odontanthias fuscipinnis</i> (Jenkins)	225
Drawing by W. S. Atkinson from the type, No. 49695, U.S.N.M., a specimen 8.65 inches long, collected at Honolulu by Dr. T. D. Wood in 1898.	
92. <i>Pseudanthias kelloggi</i> (Jordan & Evermann)	227
Drawing by A. H. Baldwin from the type, No. 50642, U. S. N. M., a specimen 7.75 inches long, collected off Kailua by Jordan and Evermann in 1901.	
93. <i>Priacanthus alalua</i> Jordan & Evermann	229
Drawing by A. H. Baldwin from the type, No. 50643, U.S.N.M., a specimen 8.25 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
94. <i>Priacanthus cruentatus</i> (Lacépède)	230
Drawing by A. H. Baldwin from a specimen 9 inches long, collected at Kailua by Goldsborough and Sindo in 1901.	
95. <i>Priacanthus meeki</i> Jenkins	231
Drawing by W. S. Atkinson from the type, No. 50847, U.S.N.M., a specimen 12 inches long, collected at Honolulu by Dr. T. D. Wood in 1898.	
96. <i>Aphareus flavivultus</i> Jenkins	235
Drawing by A. H. Baldwin from the type, No. 49691, U.S.N.M., a specimen 12 inches long, collected at Kailua by Jordan and Evermann in 1901.	
97. <i>Bowersia violescens</i> Jordan & Evermann	237
Drawing by A. H. Baldwin from the type, No. 50660, U.S.N.M., a specimen 24 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
98. <i>Bowersia ulaula</i> Jordan & Evermann	238
Drawing by A. H. Baldwin from the type, No. 50661, U.S.N.M., a specimen 14.25 inches long, collected at Hilo by Jordan and Evermann in 1901.	

LIST OF ILLUSTRATIONS.

xxi

	Page.
99. <i>Aprion virescens</i> Cuvier & Valenciennes.....	239
After Bleeker, Atlas, VII, pl. 293, fig. 3.	
100. <i>Etelis marshi</i> (Jenkins)	241
Drawing by W. S. Atkinson from the type, No. 50714, U.S.N.M., a specimen 15 inches long, collected at Honolulu by Dr. T. D. Wood in 1898.	
101. <i>Monotaxis grandoculis</i> (Forskål)	243
After Bleeker, Atlas Ichth., VIII, pl. 299, fig. 1.	
102. <i>Erythrichthys schlegelii</i> Günther.....	245
Drawing by A. H. Baldwin from a specimen 13.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
103. <i>Mulloides auriflamma</i> (Forskål)	250
Drawing by A. H. Baldwin from a specimen 8.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
104. <i>Mulloides flammeus</i> Jordan & Evermann.....	252
Drawing by A. H. Baldwin from the type, No. 50665, U.S.N.M., a specimen 9.5 inches long, collected at Kailua by Jordan and Evermann in 1901.	
105. <i>Mulloides samoensis</i> Günther	253
After Günther, Fische der Südsee, III, taf. 48, fig. B.	
106. <i>Pseudupeneus chryserydros</i> (Lacépède).....	255
Drawing by A. H. Baldwin from a specimen 9.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
107. <i>Pseudupeneus bifasciatus</i> (Lacépède).....	259
After Günther, Fische der Südsee, III, taf. 44, fig. A.	
108. <i>Pseudupeneus pleurostigma</i> (Bennett).....	260
Drawing by A. H. Baldwin from a specimen 9.25 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
109. <i>Pseudupeneus fraterculus</i> (Cuvier & Valenciennes).....	261
After Playfair, Fishes of Zanzibar, pl. 5, fig. 4.	
110. <i>Pseudupeneus porphyreus</i> Jenkins	262
Drawing by W. S. Atkinson from the type, No. 50705, U.S.N.M., a specimen 10.6 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
111. <i>Pseudupeneus preorbitalis</i> (Smith & Swain).....	264
Drawing by A. H. Baldwin from the type, No. 29662, U.S.N.M., a specimen 14.75 inches long, collected at Johnston Island by the captain of a vessel belonging to North Pacific Guano Company, in 1880.	
112. <i>Dascyllus albisella</i> Gill	267
After Bleeker, Atlas, IX, taf. 409, fig. 8.	
113. <i>Chromis elaphrus</i> Jenkins	268
Drawing by W. S. Atkinson from the type, No. 50703, U.S.N.M., a specimen 2.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
114. <i>Chromis ovalis</i> (Steindachner)	269
Drawing by W. S. Atkinson from the type of <i>Chromis velox</i> Jenkins, No. 49698, U.S.N.M., a specimen 6 inches long, collected at Honolulu by Dr. T. D. Wood in 1898.	
115. <i>Pomacentrus jenkinsi</i> Jordan & Evermann.....	271
Drawing by W. S. Atkinson from the type of <i>Eupomacentrus marginatus</i> Jenkins, No. 49700, U.S.N.M., a specimen 4.6 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
116. <i>Abudefduf abdominalis</i> (Quoy & Gaimard).....	273
After Günther, Fische der Südsee, taf. 126, fig. A.	
117. <i>Abudefduf sordidus</i> (Forskål).....	274
After Rüppell, Atlas Reis. Nord. Af., Pl. VIII, fig. 1.	

XXII BULLETIN OF THE UNITED STATES FISH COMMISSION.

	Page.
118. <i>Malacanthus parvipinnis</i> Vaillant & Sauvage	276
After Günther, Fische der Südsee, V, taf. 98, fig. B.	
119. <i>Lepidaplois modestus</i> (Garrett)	279
After Günther, Fische der Südsee, taf. 129, fig. B.	
120. <i>Verreo oxycephalus</i> (Bleeker)	282
After Jordan and Snyder, Proc. U. S. Nat. Mus., XXIV, p. 620, fig. 3.	
121. <i>Stethojulis axillaris</i> (Quoy & Gaimard)	283
After Günther, Fische der Südsee, VII, taf. 136, fig. 6.	
122. <i>Halichoeres lao</i> Jenkins	286
Drawing by Anna L. Brown from the type, No. 6132, L. S. Jr. Univ. Mus., a specimen 4 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
123. <i>Halichoeres ornatissimus</i> (Garrett)	287
Drawing by Anna L. Brown from the type of <i>Halichoeres iridescentis</i> Jenkins, No. 6131, L. S. Jr. Univ. Mus., a specimen 5.65 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
124. <i>Macropharyngodon geoffroy</i> (Quoy & Gaimard)	288
Drawing by W. S. Atkinson from the type of <i>M. aquilolo</i> Jenkins, No. 130, L. S. Jr. Univ. Mus., a specimen 5.25 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
125. <i>Gomphosus varius</i> Lacépède	289
Drawing by A. H. Baldwin from a specimen 7.2 inches long, collected at Kailua by Jordan and Evermann in 1901.	
126. <i>Anampses cuvier</i> Quoy & Gaimard	292
Drawing by A. H. Baldwin from a specimen 9.5 inches long, collected at Hilo by Jordan and Evermann in 1901.	
127. <i>Anampses evermanni</i> Jenkins	293
Drawing by A. H. Baldwin from the type, No. 6136, L. S. Jr. Univ. Mus., a specimen 12 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
128. <i>Thalassoma ballieui</i> (Vaillant & Sauvage)	298
After Günther, Zool. Challenger, Rept. Shore Fishes, pl. 26, fig. A.	
129. <i>Thalassoma umbostigma</i> (Rüppell)	301
After Bleeker, Atlas, 1, taf. 34, fig. 2.	
130. <i>Thalassoma duperreyi</i> (Quoy & Gaimard)	302
Drawing by W. S. Atkinson from the type of <i>T. pyrrhovinctum</i> Jenkins, No. 6138, L. S. Jr. Univ. Mus., a specimen 6.2 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
131. <i>Julis leporis</i> (Jenkins)	307
Drawing by W. S. Atkinson from the type, No. 12141, L. S. Jr. Univ. Mus., a specimen 18 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
132. <i>Coris rosea</i> Vaillant & Sauvage	311
Drawing from a specimen 9 inches long, collected at Honolulu by Dr. T. D. Wood in 1898. Type of <i>Hemicoris keleipionis</i> Jenkins.	
133. <i>Coris venusta</i> Vaillant & Sauvage	312
Drawing by Anna L. Brown from the type of <i>Hemicoris remedius</i> Jenkins, No. 6133, L. S. Jr. Univ. Mus., a specimen 5.65 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
134. <i>Coris aygula</i> Lacépède	314
After Jordan and Snyder, Proc. U. S. Nat. Mus., XXIV, page 642, fig. 9.	
135. <i>Pseudocheilinus octotenia</i> Jenkins	318
Drawing by W. S. Atkinson from the type, No. 6122, L. S. Jr. Univ. Mus., a specimen 4.6 inches long, collected at Honolulu by A. B. Wood in 1899.	
136. <i>Cheilinus hexagonatus</i> Günther	319
Drawing by W. S. Atkinson from the type of <i>C. zonurus</i> Jenkins, No. 6134, L. S. Jr. Univ. Mus., a specimen 10 inches long, collected at Honolulu by O. P. Jenkins in 1889.	

LIST OF ILLUSTRATIONS.

XXIII

	Page.
137. <i>Novaculichthys woodi</i> Jenkins.....	323
Drawing by W. S. Atkinson from the type, No. 6029, L. S. Jr. Univ. Mus., a specimen 6 inches long, collected at Honolulu by Dr. T. D. Wood in 1898.	
137a. <i>Novaculichthys woodi</i> Jenkins.....	324
Drawing by W. S. Atkinson from the type of <i>N. entargyreus</i> Jenkins, No. 5984, L. S. Jr. Univ. Mus., a specimen 5.4 inches long, collected at Honolulu by Dr. T. D. Wood in 1898.	
138. <i>Novaculichthys tæniourus</i> (Lacépède).....	325
Drawing by A. H. Baldwin from a specimen 9 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
139. <i>Iniistius pavoninus</i> (Cuvier & Valenciennes).....	329
Drawing by Anna L. Brown from the type <i>I. leucozonus</i> Jenkins, No. 6137, L. S. Jr. Univ. Mus., a specimen 5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
140. <i>Iniistius niger</i> (Steindachner).....	331
Drawing by W. S. Atkinson from the type of <i>I. vérater</i> Jenkins, No. 5990, L. S. Jr. Univ. Mus., a specimen 6 inches long, collected at Honolulu by Dr. T. D. Wood in 1898.	
141. <i>Hemipteronotus umbrilatus</i> Jenkins.....	333
Drawing by W. S. Atkinson from the type, No. 6135, L. S. Jr. Univ. Mus., a specimen 5.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
142. <i>Xyrichthys niveilatus</i> Jordan & Evermann.....	337
Drawing by A. H. Baldwin from the type, No. 50646, U.S.N.M., a specimen 9.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
143. <i>Calotomus irriadians</i> Jenkins.....	339
Drawing by W. S. Atkinson from the type, No. 12142, L. S. Jr. Univ. Mus., a specimen 16 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
144. <i>Calotomus cyclurus</i> Jenkins.....	340
Drawing by W. S. Atkinson from the type, No. 50849, U.S.N.M., a specimen 14 inches long, collected at Honolulu by the <i>Albatross</i> in 1896.	
145. <i>Calotomus snyderi</i> Jenkins.....	342
Drawing by W. S. Atkinson from the type, No. 50850, U.S.N.M., a specimen 10.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
146. <i>Scaridea zonarcha</i> Jenkins.....	344
Drawing by W. S. Atkinson from the type, No. 50851, U.S.N.M., a specimen 5.76 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
147. <i>Scaridea balia</i> Jenkins.....	345
Drawing by W. S. Atkinson from the type, No. 50852, U.S.N.M., a specimen 10 inches long, collected at Honolulu by the <i>Albatross</i> in 1896.	
148. <i>Callyodon miniatus</i> (Jenkins).....	347
Drawing by W. S. Atkinson from the type, No. 12144, L. S., Jr. Univ. Mus., a specimen 19.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
149. <i>Callyodon perspicillatus</i> (Steindachner).....	348
After Steindachner, Denks. Ak. Wiss Wien, XLII, pl. iv, fig. 1.	
150. <i>Callyodon borborus</i> (Jordan & Evermann).....	349
Drawing by A. H. Baldwin from the type, No. 50649, U.S.N.M., a specimen 7.75 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
151. <i>Callyodon brunneus</i> (Jenkins).....	350
Drawing by W. S. Atkinson from the type, No. 6139, L. S. Jr. Univ. Mus., a specimen 9.2 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
152. <i>Callyodon ahula</i> (Jenkins).....	351
Drawing by W. S. Atkinson from the type, No. 6142, L. S. Jr. Univ. Mus., a specimen 8.7 inches long, collected at Honolulu by O. P. Jenkins in 1889.	

XXIV BULLETIN OF THE UNITED STATES FISH COMMISSION.

Page.
352

Callyodon paluca (Jenkins)	352
Drawing by W. S. Atkinson from the type, No. 6141, L. S. Jr. Univ. Mus., a specimen 7.25 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
154. Callyodon gilberti (Jenkins)	354
Drawing by W. S. Atkinson from the type, No. 6140, L. S. Jr. Univ. Mus., a specimen 11.3 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
155. Callyodon bataviensis (Bleeker)	357
After Bleeker, Atlas Ichth., I, taf. 12, fig. 3.	
156. Callyodon erythrodon (Cuvier & Valenciennes)	357
After Bleeker, Atlas Ichth., I, taf. 15, fig. 4.	
157. Pseudoscarus troschelii Bleeker	358
After Bleeker, Atlas Ichth., I, taf. 7, fig. 2.	
158. Pseudoscarus jordani Jenkins	359
Drawing by W. S. Atkinson from the type, No. 12143, U.S.N.M., a specimen 28 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
159. Chætodon lineolatus Cuvier & Valenciennes	366
After Günther, Fische der Südsee, II, taf. 34, fig. A.	
160. Chætodon lunula (Lacépède)	367
Drawing by A. H. Baldwin from a specimen 1.4 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
161. Chætodon unimaculatus Bloch	369
Drawing by W. S. Atkinson from the type of <i>C. sphenospilus</i> Jenkins, No. 49765, U.S.N.M., a specimen 4 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
162. Chætodon punctatofasciatus Cuvier & Valenciennes	370
After Günther, Fische der Südsee, II, taf. XXXIV, fig. B.	
163. Chætodon miliaris Quoy & Gaimard	371
Drawing by W. S. Atkinson from the type of <i>C. mantelliger</i> Jenkins, No. 40399, U.S.N.M., a specimen 4 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
164. Holacanthus arcuatus Gray	378
After Günther, Fische der Südsee, II, taf. XXXII, fig. C.	
165. Holacanthus bicolor (Bloch)	381
After Günther, Fische der Südsee, II, taf. 39, fig. B.	
166. Hepatus olivaceus (Bloch & Schneider)	385
167. Hepatus leucopareius (Jenkins)	386
Drawing by W. S. Atkinson from the type, No. 50712, U.S.N.M., a specimen 7.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
168. Hepatus guntheri (Jenkins)	388
Drawing by W. S. Atkinson from the type, No. 50842, U.S.N.M., a specimen 8.6 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
169. Hepatus dussumieri (Cuvier & Valenciennes)	390
After Günther, Fische der Südsee, IV, taf. 72.	
170. Hepatus guttatus (Bloch & Schneider)	392
After Günther, Fische der Südsee, IV, taf. 69, fig. A.	
171. Hepatus atramentatus (Jordan & Evermann)	393
Drawing by A. H. Baldwin from the type, No. 50673, U.S.N.M., a specimen 9.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
172. Hepatus sandvicensis (Streets)	394
Drawing by A. H. Baldwin from a specimen 4.25 inches long, collected at Kailua by Jordan and Evermann in 1901.	

LIST OF ILLUSTRATIONS.

XXV

Page.
396

173. <i>Zebrasoma veliferum</i> (Bloch)	
Drawing by A. H. Baldwin from a specimen 5.1 inches long, collected at Honolulu by Jordan and Evermann in 1901.	396
174. <i>Ctenochætus striatus</i> (Quoy & Gaimard)	399
After Günther, Fische der Südsee, IV, taf. LXXIX, fig. B.	
175. <i>Acanthurus incipiens</i> Jenkins	400
Drawing by W. S. Atkinson from the type, No. 50707, U.S.N.M., a specimen 8.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
176. <i>Acanthurus brevirostris</i> (Cuvier & Valenciennes)	401
After Günther, Fische der Südsee, IV, taf. 79, fig. A.	
177. <i>Callicanthus lituratus</i> (Forster)	404
After Günther, Fische der Südsee, taf. 82.	
178. <i>Callicanthus metoposophrone</i> Jenkins	406
Drawing by W. S. Atkinson from the type, No. 50706, U.S.N.M., a specimen 9.25 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
179. <i>Balistes nycterus</i> (Jordan & Evermann)	408
Drawing by A. H. Baldwin from the type, No. 50821, U.S.N.M., a specimen 6.25 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
180. <i>Balistes bursa</i> Lacépède	410
After Bleeker, Atlas Ichth., V, pl. 223, fig. 3.	
181. <i>Balistes capistratus</i> Shaw	412
After Bleeker, Atlas Ichth., V, pl. 223, fig. 2.	
182. <i>Xanthichthys lineopunctatus</i> (Holland)	416
Drawing by A. H. Baldwin from a specimen 7.8 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
183. <i>Cantherines sandwichiensis</i> (Quoy & Gaimard)	419
Drawing by A. H. Baldwin from a specimen 7.8 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
184. <i>Osbeckia scripta</i> (Osbeck)	422
After Jordan and Evermann, Fishes North and Middle America, pl. CCLX, fig. 637.	
185. <i>Alutera monoceros</i> (Osbeck)	423
After Hugh M. Smith, Bull. U. S. Fish Comm., XVIII, 1898, pl. 64.	
186. <i>Tetraodon lacrymatus</i> (Cuvier)	429
Drawing by W. S. Atkinson from the type of <i>Ovoides latifrons</i> Jenkins, No. 49896, U.S.N.M., a specimen 8.9 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
187. <i>Canthigaster jactator</i> (Jenkins)	431
Drawing by W. S. Atkinson from the type, No. 49703, U.S.N.M., a specimen 2 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
188. <i>Canthigaster oahuensis</i> (Jenkins)	432
Drawing by W. S. Atkinson from the type, No. 50690, U.S.N.M., a specimen 4.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
189. <i>Canthigaster cinctus</i> (Solander)	433
Drawing by Kako Morita from a specimen 3.75 inches long, collected at Honolulu by the <i>Albatross</i> in 1902.	
190. <i>Canthigaster epilamprus</i> (Jenkins)	434
Drawing by W. S. Atkinson from the type, No. 50853, U.S.N.M., a specimen 3.5 inches long, collected near Kihei, Maui, by Richard C. McGregor in 1900.	
191. <i>Canthigaster bitæniatus</i> (Jenkins)	435
Drawing by W. S. Atkinson from the type, No. 49702, U.S.N.M., a specimen 2.6 inches long, collected at Honolulu by Dr. T. D. Wood in 1898.	

XXVI BULLETIN OF THE UNITED STATES FISH COMMISSION.

Page.

192. <i>Diodon hystrix</i> Linnaeus	437
After Jordan and Evermann, Fishes North and Middle America, pl. CCLXVI, fig. 647.	
193. <i>Diodon nudifrons</i> Jenkins	438
Drawing by W. S. Atkinson from the type, No. 50854, U.S.N.M., a specimen 21 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
194. <i>Ranzania makua</i> Jenkins	440
After Jenkins; from a colored drawing by Anna L. Brown from the type, No. 12605, L. S. Jr. Univ. Mus., a specimen 24 inches long, collected by Hiel Kapu in Pearl Harbor, Oahu, in 1892.	
195. <i>Ostracion sebae</i> Bleeker	442
Drawing by W. S. Atkinson from the type of <i>O. camurum</i> Jenkins, No. 49697, U.S.N.M., a specimen 5.8 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
196. <i>Lactoria galeodon</i> Jenkins	445
Drawing by W. S. Atkinson from the type, No. 50717, U.S.N.M., a specimen 1.3 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
197. <i>Cirrhitoides bimacula</i> Jenkins	448
Drawing by W. S. Atkinson from the type, No. 50702, U.S.N.M., a specimen 2 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
198. <i>Caracanthus maculatus</i> (Gray)	453
Drawing by A. H. Baldwin from a specimen 1.5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
199. <i>Sebastapistes corallicola</i> Jenkins	457
Drawing by W. S. Atkinson from the type, No. 50691, U.S.N.M., a specimen 4.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
200. <i>Sebastapistes coniorta</i> Jenkins	459
Drawing by W. S. Atkinson from the type, No. 50693, U.S.N.M., a specimen 2 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
201. <i>Sebastapistes galactacme</i> Jenkins	460
Drawing by W. S. Atkinson from the type, No. 50692, U.S.N.M., a specimen 2.6 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
202. <i>Sebastopsis kelloggi</i> Jenkins	462
Drawing by W. S. Atkinson from the type, No. 50694, U.S.N.M., a specimen 2 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
203. <i>Pterois sphex</i> Jordan & Evermann	464
Drawing by A. H. Baldwin from the type, No. 50650, U.S.N.M., a specimen 6 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
204. <i>Dendrochirus chloreas</i> Jenkins	466
Drawing by W. S. Atkinson from the type, No. 50701, U.S.N.M., a specimen 5.25 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
205. <i>Scorpænopsis cacopsis</i> Jenkins	467
Drawing by W. S. Atkinson from the type, No. 49690, U.S.N.M., a specimen 14 inches long, collected at Honolulu by O. P. Jenkins in 1889.	
205a. <i>Scorpænopsis cacopsis</i> Jenkins	468
Drawing by W. S. Atkinson. Dorsal view of above specimen.	
206. <i>Scorpænopsis gibbosa</i> (Bloch & Schneider)	469
After Günther, Fische der Südsee, III, taf. 53.	
207. <i>Iracundus signifer</i> Jordan & Evermann	470
Drawing by Chloe Lesley Starks from the type, No. 50886, U.S.N.M., a specimen 4.2 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
208. <i>Cephalacanthus orientalis</i> (Cuvier & Valenciennes)	473
Drawing by A. H. Baldwin from a specimen 11.7 inches long, collected at Honolulu by Jordan and Evermann in 1901.	

LIST OF ILLUSTRATIONS.

XXVII

	Page.
209. <i>Osurus schauinslandi</i> (Steindachner)	475
After Steindachner, Denks. Ak. Wiss. Wien, LXX, pl. III, fig. 5.	475
209a. <i>Osurus schauinslandi</i> (Steindachner)	475
Drawing by W. S. Atkinson from the type of <i>Parapercis pterostigma</i> Jenkins, No. 49701, U.S.N.M., a specimen 5.25 inches long, collected at Honolulu by Dr. T. D. Wood in 1898.	475
210. <i>Eleotris sandwicensis</i> Vaillant & Sauvage.....	480
Drawing by A. H. Baldwin from a specimen 5.5 inches long, collected at Hilo by Jordan and Evermann in 1901.	480
211. <i>Eviota epiphanes</i> Jenkins	482
Drawing by W. S. Atkinson from the type, No. 50720, U.S.N.M., a specimen 0.6 inch long, collected at Honolulu by Jordan and Evermann in 1901.	482
212. <i>Mapo fuscus</i> (Rüppell)	484
Drawing by A. H. Baldwin from a specimen 4 inches long, collected at Kailua by Jordan and Evermann in 1901.	484
213. <i>Gobioichthys lonchotus</i> (Jenkins)	485
Drawing by W. S. Atkinson from the type, No. 50698, U.S.N.M., a specimen 4.3 inches long, collected at Honolulu by O. P. Jenkins in 1889.	485
214. <i>Chlamydes laticeps</i> Jenkins	487
Drawing by W. S. Atkinson from the type, No. 50716, U.S.N.M., a specimen 1.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	487
215. <i>Kelloggella oligolepis</i> (Jenkins)	488
Drawing by W. S. Atkinson from the type, No. 50715, U.S.N.M., a specimen 1.2 inches long, collected at Honolulu by O. P. Jenkins in 1889.	488
216. <i>Sicydium stimpsoni</i> Gill.....	490
Drawing by A. H. Baldwin from a specimen 5 inches long, collected at Honolulu by Jordan and Evermann in 1901.	490
217. <i>Sicydium albotaeniatum</i> Günther	491
After Günther, Fische der Südsee, II, taf. 110, fig. D.	491
218. <i>Awaous genivittatus</i> (Cuvier & Valenciennes)	492
After Günther, Fische der Südsee, VI, taf. 110, fig. C.	492
219. <i>Enneapterygius atriceps</i> (Jenkins)	496
Drawing by W. S. Atkinson from the type, No. 50719, U.S.N.M., a specimen 1 inch long, collected at Honolulu by O. P. Jenkins in 1889.	496
220. <i>Alticus marmoratus</i> (Bennett).....	498
After Günther, Fische der Südsee, VI, taf. 116, fig. B.	498
221. <i>Alticus gibbifrons</i> (Quoy & Gaimard)	499
Drawing by W. S. Atkinson from the type of <i>Salarias rutilus</i> Jenkins, No. 50695, U.S.N.M., a specimen 2.5 inches long, collected at Honolulu by O. P. Jenkins in 1889.	499
221a. <i>Alticus gibbifrons</i> (Quoy & Gaimard)	500
Drawing by W. S. Atkinson from the type of <i>Salarias saltans</i> Jenkins, No. 50696, U.S.N.M., a specimen 3.2 inches long, collected at Honolulu by O. P. Jenkins.	500
222. <i>Enchelyurus ater</i> (Günther).....	500
Drawing by W. S. Atkinson from the type of <i>Aspidontus brunneolus</i> Jenkins, No. 50718, U.S.N.M., a specimen 1.25 inches long, collected at Honolulu by O. P. Jenkins in 1889.	500
223. <i>Salarias zebra</i> Vaillant & Sauvage.....	501
Drawing by A. H. Baldwin from a specimen 4.2 inches long, collected at Hilo by Jordan and Evermann in 1901.	501
223a. <i>Salarias zebra</i> Vaillant, & Sauvage.....	502
Drawing by W. S. Atkinson from the type of <i>S. cypho</i> Jenkins, No. 50697, U.S.N.M., a specimen 4 inches long, collected at Honolulu by O. P. Jenkins in 1889.	502

XXVIII BULLETIN OF THE UNITED STATES FISH COMMISSION.

	Page.
224. <i>Exallias brevis</i> (Kner).....	503
After Günther, Fische der Südsee, IV, taf. 118, fig. C.	
225. <i>Brotula marginalis</i> Jenkins.....	507
Drawing by W. S. Atkinson from the type, No. 49694, U.S.N.M., a specimen 9.6 inches long, collected at Honolulu by A. B. Wood in 1899.	
226. <i>Pelecanichthys crumenalis</i> Gilbert & Cramer	511
After Gilbert and Cramer, Proc. U. S. Nat. Mus., XIX, pl. XLVII, from the type, No. 48738, U.S.N.M., a specimen 10 inches long, collected by the <i>Albatross</i> in 1891.	
227. <i>Engyprosopon hawaiiensis</i> Jordan & Evermann.....	515
Drawing by A. H. Baldwin from the type, No. 50657, U.S.N.M., a specimen 3 inches long, collected at Hilo by Jordan and Evermann in 1901.	
228. <i>Antennarius leporosus</i> (Eydox & Souleyet).....	519
Drawing from a specimen 4 inches long, collected at Honolulu by Jordan and Evermann in 1901.	
229. <i>Malthopsis mitriger</i> Gilbert & Cramer.....	524
After Gilbert and Cramer, from the type, No. 47700, U.S.N.M., a specimen 3 inches long, collected by the <i>Albatross</i> in 1891.	