

List of new species of Crossroads report

	Holotype USNM No.	artist.	Date completed photograph
<u>Oxyatidae</u>			
<u>Taeniura brocki</u>	140978	—	—
<u>Synodidae</u>			
<u>Synodus englemanni</u>	140815	DBS <u>hd</u>	March 23, 1949
" <u>binotatus</u>	140801	" <u>hd</u>	March 10, 1948
" <u>ulal</u>	52671	—	not to be illustrated
<u>Muraenidae</u>			
<u>Echidna unicolor</u>	141627	DBS <u>hd</u>	Jan. 27, 1949
<u>Gymnothorax bibiniensis</u>	141576	DBS <u>hd</u>	Feb. 23, 1949
" <u>melatremus</u>	141610	DBS <u>hd</u>	Feb. 10, 1949
" <u>bayeri</u>	141608	DBS <u>hd</u>	March 3, 1949
<u>Rabula fuscomaculatus</u>	141639	DBS <u>hd</u>	Jan 13, 1949
" <u>marshallensis</u>	141687	DBS <u>hd</u>	Jan. 10, 1949
<u>Uropterygius fuscoguttatus</u>	141680	DBS <u>hd</u>	Feb. 16, 1949
" <u>dentatus</u>	141637	DBS <u>hd</u>	Feb. 14, 1949
			Johnston Island,
<u>Echelidae</u>			
<u>Kaupichthys atronotus</u>		DBS. <u>hd</u>	Nov. 16, 1948
" <u>brachycheilus</u>	141261	" <u>hd</u>	Nov. 12, 1948
<u>Muraenichthys johnstonensis</u>	1412687g. ch	" "	Jan. 17, 1949
" <u>philippinensis</u>	134951 PJ.	" "	Jan 19, 1949
" <u>pinnaceps</u>	141691	" "	Jan 25, 1949
<u>Ophichthyidae</u>			
<u>Cirricaeacula johnsoni</u>	141118	" "	Sept. 30, 1949
<u>Moringuinae</u>			
<u>Moringua penni</u>	130660	awl	Feb. 1951
<u>Moringua latebrosa</u>	76772	awl.	Feb. 1951
<u>Carcharhinidae</u>			
<u>Hemigaleos boateri</u>		J.P.S.	Oct 1950

Syngnathidae

Dunckerocampus caulleryi chapmani

Siocunichthys kerei

Corythoichthys schultzi

" *nigripictus*

" *ocellatus*

Micrognathus brocki

Micrognathus brachyrrhinus

Ichthyocampus (Pulbonarius) davaoensis

Q " *bibiensis*

" *hawneei*

Belontiidae
Rhaphiobelone robusta 141750 ~~awl~~ photograph

Exocoetidae
Cyprinus antoncichi 140291 awl June 1947

Holocentridae
Myripristis bowditchi 140839 — photograph

~~Syngnathidae~~

Syngnathidae
Corythoichthys schultzei awl June 1950

" nigripectus " July 1950

" Syngnathus dubosi " Aug 24, "

Atherinidae

Allanetta crenolepis 143304 awl Feb. 15, 1949

Atherion elymus fuyi 134083 " July 1947

" " asper 140330 not to be illustrated

" " aphrozoicus 143305 " " " "

Hypoatherina barnesi 140470 awl Feb. 25, 1949

Pranesus insularum whitei 143306 " March 1949

Mugilidae

Crenimugil crenilabis (not n. sp.) awl 1947

Plicomugil labrosus awl 1947

Apogonidae		Drawings completed
		Amant 1949-50
<u>Siphania</u>	<u>elongata</u> (P.I.)	" " "
"	<u>argentea</u> (P.I.)	" " "
"	<u>Cuprea</u> (P.I.)	" " "
"	<u>fuscolinata</u> (P.I.)	" " "
"	<u>ovalis</u> (P.I.)	" " "
<u>Apogon</u>	<u>menesemops</u> (Bikini)	" " "
"	<u>microfasciatus</u> (Bikini)	" " "
<u>Gymnapogon</u>	<u>urospilatus</u> (Bikini)	" June 1950
"	<u>gracilicauda</u> (Bikini)	" July 20, 1950

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Photographs.

<u>Serranidae</u>			
<u>Epinephelus</u>	<u>bohlerei</u>	141922	DBS Pd Sept 7, 1949
"	<u>emoryi</u>	141929	" Pd " 19, 1947
"	<u>elongatus</u>	141844	" Pd June 16, 1949
"	<u>melanostigma</u>	115375	" Pd Oct 11, 1949
"	<u>spilotus</u>	141895	" Pd June 26, 1949
"	<u>spiloticeps</u>	141901	" Pd Oct 27, 1949
		141872	PBS Jan Nov. 14, 1949
<u>Choristichius</u>	<u>lineatus</u>	141876	DBS Dec. 28, 1949
"	<u>brocki</u>	141871	DBS Dec. 12, 1950
<u>Grammistops</u>	<u>ocellatus</u>		
<u>Anthias</u>	<u>heraldi</u>	141963	DBS Dec 6, 1949

Pseudochromidae

<u>Pseudochromis</u>	<u>aureus</u>	<u>marshalleis</u>	140629	DBS Pd June 16, 1949
			140696	DBS Pd. April 27, 1949
<u>Pseudopleisops</u>	<u>revellei</u>		140683	DBS M. Sept. 9, 1948
"	<u>sargenti</u>		140758	Avul April 29, 1949
<u>acanthopleisops</u>	<u>piatti</u>			

Lutjanidae

<u>Pterocassio</u>	<u>merri</u>	140248	Avul April 1947
"	<u>bohlerei</u>	140246	" April 1947

Chaetodontidae

Centrotyge heraldi

140092

awl March 1947

" flammeus

140521

" Oct 1948

" nigroocellus

141312

" Nov. 1948

Pomacentridae Chromis traceryi

152929

Photographed Feb 1951

Chromis traceryi

141157

awl Feb. 28, 1951

Pomacentrus myersi

141310

awl Jan 1951

Chromis atripectoralis

112397

Photographed Feb. 1951

Cirrhitidae

Cirrhitoides separatus

141980

awl. April 4, 1951

Trichonotidae

Limnichthys donaldsoni

140906

April 18, 1950 DBS pd

Brotulidae

Brosmodhyrops pantzeri

142023

awl April 6, 1951
~~DBS~~

Cellionymidae

Synchiropus laddi

141127

DBS April 3, 1950 pd

" morisoni

141126

DBS March 23, 1950 pd

Scorpaenidae

Hypomacrus brocki

99782

awl March 1947

Platycephalidae

Thysanophrys chiltoni

141009

DBS. pd. Oct 25, 1948

Wakiyus welanderi

141008

DBS. pd. Jan. 6, 1949

Pluronectidae

Samariscus trivocellatus 141767 awl oct 1951

Soleidae

Aseraggodus bieshrieci ~~141765~~ awl ^{Sept} ~~1951~~ 1951

" bockii 141766 awl Aug 1951

Aluteridae

Perrago melanocephalus marshallensis 140737 awl Aug 1947

" " johnstonianus 140670 awl Oct 1948

Brachalutera taylori 140643 " Oct 1948

Tetraodontidae

Arothron blandyi } 140772 Photos May
Arothron reticulatus } Have a photo made 1953
of each holotype

Blenniidae
Salariinae

- Ecsenius stigmatura 99379 photograph of drawing
Ecsenius opsifrontalis 142065 Jan. 18, 1950, DBS Drawing
Entomacrodus incisolabiatus 142188 Feb. 28, 1950 DBS Drawing
Entomacrodus gymatobiotus 142183 DBS Feb. 23, 1950 Drawing.
Entomacrodus plurifilis plurifilis 144720 awl Oct 1952 Drawing
Entomacrodus plurifilis marshallensis 142155 DBS Feb. 3, 1950
~~Latiblennius~~ afilimuchalis 115421 DBS Feb. 16, 1950
~~Latiblennius~~ rodenbaughi Use Photograph
Fallaciripectes minutus 142163, DBS Jan 23, 1950 Drawing
Fallaciripectes wellsi 142154 DBS Jan. 25, 1950 Drawing
Preatticus amboinensis litteratus 124116 March 3, 1950 DBS Drawing

Clinidae

Tripterygion nanus

142233

Drawing

awl July 26, 1951

Tripterygion brachylepis

142253

Drawing

awl VIII/9/51

Labridae

<i>Wetmorella</i> <i>ocellata</i>	{ 112368 holotype 112372 paratype	Photo. June 25, 1951 " " " "
<i>Wetmorella</i> <i>albifasciata</i>	93504	" " " "
" <i>triocellata</i>	93529	awl drawing VIII/12/51
<i>Halichoeres</i> <i>biocellatus</i>	112940	awl " IX/14/51
<i>Hemipteronotus</i> <i>hypospilus</i>	152989	awl " X/11/52
<i>Pseudocheilinus</i> <i>tetrataenia</i>	113596	awl " V/12/52
<i>Pseudocheilinus</i> <i>ataenia</i>	135555	awl " VII/18/52

Scaridae

Scarops *halstedii*
Scarus *flavifectoralis*
 " *atrafactoralis*
 " *marshalli*
 " *sandalli*

Microdesmidae

Allomicrodesmus *dorotheae* awl IV/30/55

Fishes of Navy - Crossroads Atom Bomb Tests.

families

number of recognized

new genera subgenus	new species	total genera	total species
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Family

authorship

number of Plates	Figures
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number typed ms.
pages completed

new genera subgenus	new species	total genera	total species	Family	authorship	number of Plates	Figures	number typed ms. pages completed
—	—	1	1	Asymmetrionidae	Schultz	—	—	1
1	1	6	9	Isuridae	"	2	—	21
—	1	1	1	Onegridae	"	—	—	—
—	—	1	1	Parabryconidae	"	1	—	4
—	—	1	1	Dasyatidae	"	—	—	—
—	—	1	1	Myliobatidae	"	3	6	5
—	—	2	3	Dussumieridae	"	—	1	10
—	3	2	5	Synodidae	"	3	2	21
—	—	2	2	Myctophidae	"	—	—	—
—	8	7	41	Anquillidae	"	—	—	1
—	—	1	8	Muraenidae	"	13	24	121
—	2	1	8	Moringuinae	"	1	3	17
—	—	2	2	Congridae	"	—	1	5
—	3	5	13	Echelidae	"	3	12	37
1	1	5	9	Ophichthyidae	"	3	10	23
—	1	4	5	Belontiidae	"	1	—	12
—	—	3	5	Hemiramphidae	Woods and Schultz	—	3	20
—	1	4	7	Exocoetidae	" " "	1	1	24
—	1	3	19	Holocentridae	" " "	12	—	70
19	22	50	132	—	17			

16

1	1	1	1	1	Bregmacrotidae	Schultz	1	1	2
1	1	1	1	1	Aulostomidae	"	1	1	2
1	1	1	1	1	Fistulariidae	"	1	1	3
1	1	1	1	1	Solenostomidae	"	1	1	2
2	10	7	18	18	Syngnathidae	Herald	2	2	2
1	1	1	34	34	Sphyracidae	Schultz	1	1	15
1	6	5	10	10	Atherinidae	"	1	4	38
1	1	4	5	5	Mugilidae	"	3	2	20
1	1	1	1	1	Polynemidae	"	1	1	2
1	1	1	3	3	Kuhliidae	"	1	1	11
1	10	10	28	28	Senariidae	"	14	14	
1	4	6	9	9	Pseudochromidae	"	1	6	
1	9	07	29	32	Chilodactylidae	Lachner and Schultz			
1	1	1	2	2	Apogonidae	Schultz			
1	1	1	2	2	Priacanthidae	Schultz			
1	1	7	11	11	Carangidae	Woods and Schultz	4	1	
1	1	1	1	1	Comphoenidae	Schultz	1	1	2
1	2	11	25	25	Lutjanidae	"	4	3	20
1	1	1	2	2	Leiognathidae	"	1	1	
4	41	67	155	155					

18 07

family

2 not complete
2 fam. complete

Present totals

Vol. 2

Number of families 69

		2	1	6
			1	1
	1		2	3
			2	2
			4	1
			1	1
	9	99	207	521
	10	104	228	576
			231	599
			1	2
			1	1
	2	7	13	

5.
 Tetraodontidae
 Diodontidae
 Gobiesocidae
 Antennariidae
 Echenidae
~~Schmididae~~
 Stromatidae

 addenda
 Carangidae
 Lutjanidae

Woods, ~~and~~ Schultz ^{Woods}
 " " "
 Schultz
 Lachner
~~Schultz~~
 Schultz

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3

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four

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-	2	3	4
-	-	6	6
-	-	1	2
1	1	2	2
-	1	7	14
-	-	1	2
-	2	2	3
-	-	2	3
-	1	1	1
-	2	3	4
-	-	2	2
-	2	6	10
-	-	7	11
-	-	1	2
-	-	1	3
-	11	44	70

4
 Carapidae
 Callionymidae
~~Trichinidae~~
 Scombridae
 Nomeidae
 Acanthuridae
 Eleotridae
 Microlepididae
 Gobiidae
 Scorpaenidae
 Caracanthidae
 Platycephalidae
 Bothidae
 Pleuronectidae
 Soleidae
~~Cochonidae~~
 Aluteridae
 Balistidae
 Ostracionidae
 Centrigastreae

Schultz
 "
~~Schultz~~ Woods
 + Raney
 Schultz
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 Woods and Schultz
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 " " "
 Woods and Schultz
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 Woods, Schultz and Welander
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12
 25
 50
 6
 36
 34
 8
 16

~~not complete~~
 complete 15

(8) (3)

Vol. 2
 added
 1/14/54

#fam

	-	-	3	12	Mutillidae	Zachner			
	-	-	2	2	Pemphridae	Schultz			
	-	-	1	2	Kyphosidae	"			
	-	2	7	29	Chaetodontidae	Woods and Schultz	14	-	80
	-	-	1	1	Platacidae	Woods and Schultz	-	-	2
	-	-	1	2	Zanclidae	" " "	2	-	7
	-	-	4	22	Acanthuridae	Schultz and Woods	5	4	89
	-	-	1	7	Siganidae	Loren P. Woods	2	-	23
	-	4	5	40	Pomacentridae	Woods and Schultz	8	2	
	1	6	21	55	Labridae	L.P. Schultz			
	1		4	18	Scaridae	L.P. Schultz			135
	-	1	4	6	Cirrhitidae	Schultz	2	1	
	-	-	1	3	Mugiloididae	"	2	1	14
	-	1	2	2	Trichonotidae	"	1	2	12
	2	11	2	34	Salariidae	Schultz and Chapman			
	-	2	2	5	Petroscirtidae	Schultz			
	-	2	1	1	Chnididae	Schultz			
	1	1	3	3	Schindleridae	"			
	5	26	57	180	Protulidae	"	1	1	

not complete
 complete 15
 10