

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 biskiniensis</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>Cirricaraculla 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 kerri

Corythoichthys schultzi

" *nigripectus*

" *ocellatus*

Micrognathus brocki

Micrognathus brachyrrhinus

Ichthyocampus (Pulbonarius) davaoensis

⊙ " *bibiensis*

" *hawneei*

Belontiidae
Rhaphiobelone robusta 141750 photograph

Exocoetidae
Cypselurus antoncichi 140291 awl June 1947

Holocentridae
Myripristis bowditchae 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 fuyii 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
		Amowl 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>nigrofasciatus</u> (Bikini)	" " "
<u>Gymnapogon</u>	<u>urospilatus</u> (Bikini)	" June 1950
"	<u>gracilicauda</u> (Bikini)	" July 20, 1950

~~Con~~

		Photograph
<u>Serranidae</u>	<u>Epinephelus macrophilus</u>	
	<u>Epinephelus bohlerei</u>	DBS Pd Sept 7, 1949
	" <u>emoryi</u>	" Pd " 19, 1947
	" <u>elongatus</u>	" Pd June 16, 1949
	" <u>melanostigma</u>	" Pd Oct 11, 1949
	" <u>spilotus</u>	" Pd June 26, 1949
	" <u>spiloticeps</u>	" Pd Oct 27, 1949
	<u>Christistinus lineatus</u>	PBS Jan Nov. 14, 1949
	" <u>brocki</u>	DBS Dec. 28, 1949
	<u>Grammistops ocellatus</u>	DBS Dec. 12, 1950
	<u>Anthias hawaii</u>	DBS Dec 6, 1949

<u>Pseudochromidae</u>		
	<u>Pseudochromis aureus marshallensis</u>	140629 DBS Pd June 16, 1949
	<u>Pseudopleisops revillei</u>	140696 DBS Pd. April 27, 1949
	" <u>sargenti</u>	140683 DBS M. Sept. 9, 1948
	<u>acanthopleisops riatti</u>	140758 avol April 29, 1949

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

Chaetodontidae

Centrotyge heraldi

140092

awl March 1947

" flammeus

140521

" Oct 1948

" nigroocellus

141312

" Nov. 1948

Pomacentridae amphiprion tricolor

152929

Photographed Feb 1951

Chromis traceyi

141157

awl Feb. 28, 1951

Pomacentrus myersi

141310

awl Jan 1951

Chromis atripectoralis

112397

Photographed Feb. 1951

Cirrhitidae

Cirrhitoides sefaciatus 141980

awl. April 4, 1951

Trichonotidae

Limnichthys donaldsoni 140906

April 18, 1950 DBS pd

Brotulidae

Brosmodhyrops pantybei 142023

awl July 16, 1951
~~DBS~~

Cellionymidae

Syngnathus 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 melanderi

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 140737 awl Aug 1947

marshallensis 140737 awl Oct 1948

" johnstonianus 140670 " Oct 1948

Brachalutera Taylori 140643 " Oct 1948

Tetraodontidae

Arothron blandyi } 140772 Photos May 1953

Arothron reticulatus } Have a photo made 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
~~Stipoblenius~~ afilimuchalis 115421 DBS Feb. 16, 1950
~~Stipoblenius~~ 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 oculata</i>	{ 112368 holotype	Photo. June 25, 1951
	{ 112372 paratype	" " " "
<i>Wetmorella albifasciata</i>	93504	" " " "
" <i>trioculata</i>	93529	awl drawing VIII/12/51
<i>Halichoeres biocellatus</i>	112940	awl " IX/14/51
<i>Hemipteronotus hypostylus</i>	152989	awl " X/11/52
<i>Pseudocheilinus tetrataenia</i>	113596	awl " V/12/52
<i>Pseudocheilinus atenia</i>	135555	awl " VII/18/52

Scaridae

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

Microdesmidae

Allomicrodesmus dootheae awl 11/30/55

Fishes of Navy - Crossroads Atom Bomb Tests.

families

number of recognized

new genera
subgenera 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	"	—	—	—
—	—	—	—	Arctonotidae	"	1	—	4
—	—	—	—	Parachannaeidae	"	—	—	—
—	—	1	1	Dasyatidae	"	3	6	5
—	—	2	3	Myliobatidae	"	—	1	10
—	3	2	5	Dussumieridae	"	3	2	21
—	—	2	2	Synodidae	"	—	—	—
—	—	2	2	Myctophidae	"	—	—	—
—	8	7	41	Anquillidae	"	13	24	121
—	—	1	8	Muraenidae	"	1	3	17
—	2	—	—	Moringuinae	"	—	1	5
—	3	5	13	Congridae	"	3	12	37
—	1	5	9	Echelidae	"	3	10	23
—	1	4	5	Ophichthyidae	"	1	—	12
—	—	3	5	Belontiidae	Woods and Schultz	—	3	20
—	—	4	7	Hemiramphidae	" " "	1	1	24
—	—	3	19	Exocoetidae	" " "	12	—	70
—	—	—	—	Holocentridae	" " "	—	—	—
19	22	50	132	—	17			

18

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	15
1	1	1	4	4	Sphyracnidae	Schultz	1	1	38
1	6	5	10	10	Atherinidae	"	1	4	20
1	1	4	5	5	Mugilidae	"	3	2	2
1	1	1	1	1	Polynemidae	"	1	1	11
1	1	1	3	3	Kuhliidae	"	1	1	
1	10	10	28	28	Demianidae	"	14	14	
1	4	6	9	9	Pseudochromidae	"	1	6	
1	9	7	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	2
1	1	1	1	1	Comphoenidae	Schultz	1	1	
1	2	11	25	25	Lutjanidae	"	4	3	70
1	1	1	2	2	Leiognathidae	"			
4	41	67	155	18					

four

				4				
		1	2	3	Carapidae	Schultz	1	12
		2	3	4	Callionymidae	"	1	25
					Trichiuridae			
			6	6	Scombridae	Schultz Woods	5	
			1	2	Nomeidae			
			2	2	Hraemeridae			
	1	1	2	2	Eleotridae			
					Microlepididae			
					Gobiidae	+ Raney		
	1	1	7	14	Scorpaenidae	Schultz	5	50
	1	1	1	2	Caracanthidae	"	1	6
	1	2	2	3	Platycephalidae	"	2	5
	1	1	2	3	Bothidae	Woods and Schultz	2	
	1	1	1	1	Pleuronectidae	" " "	1	
	1	2	3	4	Soleidae	" " "		
			2	2	Cochonidae			
	1	2	6	10	Aluteridae	Woods and Schultz	2	36
	1	1	7	11	Balistidae	" " "	2	34
	1	1	1	2	Ostracionidae	Woods, Schultz and Welander	1	8
	1	1	1	3	Centrigastreae	" " "	1	16
	1	11	44	70				

~~Not complete~~
Complete 15

(8 5)

Vol. 9
 added
 14/54

not complete
 complete 15
 10

#fam										
	-	-	3	12	Mutillidae	Zachner				
	-	-	2	2	↓ Pemphridae	Schultz				
	-	-	1	2	↓ Kyphosidae	"				
	-	2	7	29	↓ Chaetodontidae	Woods and Schultz	14	-		80
	-	-	1	1	↓ Platycidae	Woods and Schultz	-	-		2
	-	-	1	2	↓ Zonclidae	" " "	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				
	1	6	21	55	Labridae	Loren P. Woods	8	2		
	1		4	18	Scaridae	L.P. Schultz				135
	-	1	4	6	Cirrhitidae	Schultz	2	1		
	-	-	1	3	Mugiloididae	"	2	1		14
	-	-	2	4	Trichonotidae	"	1	2		12
	2	11	2	3	Salariidae	Schultz and Chapman				
	-	2	1	1	Stomatidae	Schultz				
	-	2	1	1	Petroscirtinae	Schultz				
	-	1	1	1	Clusiidae	Schultz				
	1	1	1	1	Schindleridae	"				
	5	26	57	180	Protulidae	"	1	1		