

PALEONTOLOGICAL
FLOUNDER DATA
TAKEN

2453

R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2453	032	04	03	74	29BA	36 53	75 15
DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)		BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0016	11	—	15		012	N	SW	10
S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
1	PC	SA	E	FT	151	—	14	030
RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)		TOTAL SHELLFISH (72-75)		TOTAL OTHER (76-80)		
01	00250	0005		—		00026		

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN		DEPTH fms	C/C	TIME ON STATION	
			344	345			PO	DO
START	36° 53'	75° 15'	2151	3015	16		1413	1414
FINISH	36° 55'	75° 16'	2166	3020	17		1444	1449

LENGTH WARP	SHIFT RPM	PITCH	GEAR DATA:
100	1300 / 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

Recorded on Ross.

OBSERVATIONS

ANADROMOUS - Negative

P. DENTATUS - 2



R/V DAN MOORE SPECIES LIST

STATION NUMBER 2453

DATE April 3 19 74

Biologists BFH
IDENTIFIED BY ABP.

TOTAL CATCH WT. 250

SUBSAMPLE WT. _____

NO. BASKETS _____

Air: 15°C Surf: 10.5°C FF: 250 C: 5 m: - 0.76

SPECIES	NUMBER	WEIGHT	DATA TAKEN *
<i>Alosids</i>	Negative		
<i>Morone saxatilis</i>	do.		
<i>Stugem</i>	do.		
<i>P. dentatus</i>	2	5#	Kept
<i>Starfish</i>	Few	1	
<i>Cancer irroratus</i>	few	3	
<i>Ovallipes</i>	few	2	
<i>Soleyo pealei</i>	Comm.	25	
<i>Squalus acanthias</i>	Comm	200	
<i>Raja erantera</i>	Few	10	
<i>Centropomus striatus</i>	few	10	
<i>Peprilus triacanthus</i>	Few	2	
<i>Tronohus evolans</i>	Few	2	

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

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Species: P. dentatus

Specimen Number	T.L.	Sex	Otoliths	Gonads	Fecundity	Back-size	Age	Gonad Stage	Station Number 2481	Remarks wt. g.
4-49	252	♂	✓	—				II	11	170 Area II
4-50	237	♂	✓	—				II	11	135 April 1974
4-51	210	♂	✓	—				II	11	105
4-52	213	♂	✓	—				II	11	115
4-53	260	♂	✓	—				II	11	185
4-54	257	♂	✓	—				II	11	170
4-55	263	♂	✓	—				II	11	190
4-56	244	♂	✓	—				II	11	150
4-57	251	♂	✓	—				II	11	160
4-58	248	♂	✓	—				II	11	165
4-59	253	♂	✓	—				II	11	165
4-60	232	♂	✓	—				II	11	130
4-61	227	♂	✓	—				II	11	130
4-62	246	♂	✓	—				II	11	145
4-63	265	♂	✓	—				II	11	210
4-64	253	♂	✓	—				II	11	165
4-65	235	♂	✓	—				II	11	140
4-66	224	♂	✓	—				II	11	110
4-67	236	♂	✓	—				II	11	130
4-68	248	♂	✓	—				II	11	165
4-69	228	♂	✓	—				II	11	115
4-70	209	♂	✓	—				II	11	95
4-71	420 ✓	♀	✓	✓				VI	2462	745 110.5g (I?)
4-72	425 ✓	♀	✓	✓				VI	11	855 4.2g Area I
4-73	320 ✓	♂	✓	—				—	11	350 April 1974
4-74	486 ✓	♀	✓	✓				VI	2453	1300 113.1g Area I
4-75	355 ✓	♀	✓	✓				I	11	510 2.0g April 1974
4-76	207 ✓	♀	✓	—				I	2457-2461	90 Area I
4-77	204 ✓	♂	✓	—				—	11	85 April 1974
4-78	172 ✓	♂	✓	—				—	11	65
4-79	204 ✓	♂	✓	—				—	11	90
4-80	167 ✓	♂	✓	—				—	11	50
4-81	162 ✓	♂	✓	—				—	11	50
4-82	170 ✓	♂	✓	—				—	11	55
4-83	257 ✓	♀	✓	—				—	11	175
4-84	273 ✓	♂	✓	—				—	11	230
4-85	199 ✓	♀	✓	—				—	11	90
4-86	192 ✓	♀	✓	—				—	11	95
4-87	182 ✓	♂	✓	—				—	11	65
4-88	211 ✓	♂	✓	—				I	11	100
4-89	232 ✓	♀	✓	—				I	2479-2480	115 Area II
4-90	226 ✓	♂	✓	—				—	11	110 April 1974
4-91	263 ✓	♂	✓	—				—	11	180
4-92	257 ✓	♂	✓	—				—	11	165
4-93	236 ✓	♂	✓	—				—	11	135
4-94	273 ✓	♀	✓	—				—	11	185

Length-frequency distribution

Species *P. dentatus*

Station 2453

Date

Locality 1

T.L.	♀	T.L.
100 - 109.9		600 -
110 -		610 -
120 -		620 -
130 -		630 -
140 -		640 -
150 -		650 -
160 -		660 -
170 -		670 -
180 -		680 -
190 -		690 -
200 -		700 -
210 -		710 -
220 -		720 -
230 -		730 -
240 -		740 -
250 -		750 -
260 -		
270 -		
280 -		
290 -		♀ = 2
300 -		
310 -		
320 -		
330 -		
340 -		
350 -		
360 -		
370 -		
380 -		
390 -		
400 -		
410 -		
420 -		
430 -		
440 -		
450 -		
460 -		
470 -		
480 -		
490 -		
500 -		
510 -		
520 -		
530 -		
540 -		
550 -		
560 -		
570 -		
580 -		
590 -		

Species: P. dentatus

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4-49	252	♀	✓	✓				H	2481	170 Area II
4-50	237	♀	✓	✓				H	"	135 April 1974
4-51	210	♀	✓	✓				H	"	105
4-52	213	♀	✓	✓				H	"	115
4-53	260	♀	✓	✓				H	"	185
4-54	257	♀	✓	✓				H	"	120
4-55	263	♀	✓	✓				H	"	190
4-56	244	♀	✓	✓				H	"	150
4-57	251	♀	✓	✓				H	"	160
4-58	248	♀	✓	✓				H	"	165
4-59	253	♀	✓	✓				H	"	165
4-60	232	♀	✓	✓				H	"	130
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4-78	172 ✓	♀	✓	✓				I	"	65
4-79	204 ✓	♀	✓	✓				I	"	90
4-80	167 ✓	♀	✓	✓				I	"	50
4-81	162 ✓	♀	✓	✓				I	"	50
4-82	170 ✓	♀	✓	✓				I	"	55
4-83	257 ✓	♀	✓	✓				I	"	175
4-84	273 ✓	♀	✓	✓				I	"	230
4-85	199 ✓	♀	✓	✓				I	"	90
4-86	192 ✓	♀	✓	✓				I	"	95
4-87	182 ✓	♀	✓	✓				I	"	65
4-88	211 ✓	♀	✓	✓				I	"	100
4-89	232 ✓	♀	✓	✓				I	2479-2480	115 Area II
4-90	226 ✓	♀	✓	✓				I	"	110 April 1974
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2453

