

USNM # 1156610

Determined by: Dr. David L. Meyer, Univ. Cincinnati

Specimen ID: Acc# 346879		No label	AC's Specimen ID: AC 5 Dried
Species: poss. <i>D. rubiginosa</i> yellow-tip		Date Examined:	
Was sample photographed before analysis?		No	After analysis? Yes
Area	Variable	Value	Notes
Centrodorsal	Centrodorsal Diameter	4.1	oddly shaped CD
	Centrodorsal Polar Diameter	3.3	oddly shaped CD
	Centrodorsal Height	0.8	
	Centrodorsal Shape	2	discoidal
	# Cirral Sockets	26	
	Cirral Socket Arrangement	2	alternating rows
	Cirral Socket Shape	2	oval
Cirrals	Cirr. 1	# Cirral Segments	13
		# Segments Ornamented	3
		Cirral Length	9.1
		3rd Cirral Segment Length	0.9
		Antepenultimate Segment Length	0.5
		Cirral Ornamentation Type?	1 slight carinae
	Cirr. 2	# Cirral Segments	12
		# Segments Ornamented	3
		Cirral Length	7.0
	Cirr. 3	# Cirral Segments	13
		# Segments Ornamented	3
		Cirral Length	10.0
Rays / Arms	IBr A, # Primibrachials on A Ray		2
	IIBr A, # Secundibrachials on A Ray		4
	IIIBr A, # Tertibrachials on A Ray		3
	1st Triangular Brachial on A4		6
	Brachials Spinose?		1 yes
	Arm Width at 1st Syzygy on A4		1.3
	1st Syzygy Position on A4		2(3)
	2nd Syzygy Position on A4		10(11)
	3rd Syzygy Position on A4		15(16)
	4th Syzygy Position on A4		20(21)
	5th Syzygy Position on A4		25(26)
	6th Syzygy Position on A4		30(31)
	# Arms A		5
	# Arms B		4
	# Arms C		5
	# Arms D		6
	# Arms E		4
	Arm Length A4		32.9 broken
	Arm Length B4		39.4 broken
	Arm Length C4		33.2 broken
	Arm Length D4		12.2 broken
	Arm Length E4		10.3 broken

Pinnules	PD	PD Comb Teeth Double or Single?	2	double
		PD Tube Feet Present?	0	absent
		PD # Segments	41	
		PD # Comb Teeth	13	
		PD Leng A1 B1	13.4	
	PP	PP Comb Teeth Double or Single?	2	double
		PP Tube Feet Present?	0	absent
		PP # Segments	36	
		PP # Comb Teeth	12	
		PP Leng A1 B1	10	
	P1	P1 Comb Teeth Double or Single?	2	double
		P1 Tube Feet Present?	0	absent
		P1 # Segments	24	
		P1 # Comb Teeth	10	
		P1 Leng A1 B1	7.2	
	P2	P2 Comb Teeth Double or Single?	2	double
		P2 Tube Feet Present?	0	absent
		P2 # Segments	25	
		P2 # Comb Teeth	12	
		P2 Leng A1 B1	6.2	
		# Pinnules w/ Comb Teeth After 2nd Oral Pinn. on A1	3	
	Distal	Distal Pinnule # Segments	19	
		Distal Pinnule Spinose?	1	yes
		Distal Pinnule Leng A1	7.5	
		Distal Pinnule Arrangement	1	radial posture
		Sex?	unk.	
		# Regenerated Arms		

Overall sample quality?

Many badly broken arms; otherwise, delicate and lovely.

Sample coloration?

pale dun-colored

Able to orient sample to A ray?

Yes.

Any notes on pinnules, etc.:

Fairly easy to identify; many broken. Poss. slight keels on free pinnules? Would be better if DM took a look.