


Cirriiformia sp SD1 and SD2

Character matrix

(Note that the variability of characters dependent on age/size are unknown for this genus and may affect the number of taxa differentiated and reported)

Taxon	Tent. Insertion	NotoSpine Insertion	NeuroSpine Insertion	Max.# spines	Spine Color	MethylGmStain	BodyColor	Distribution	Comments
Cirriiformia sp SD1	setiger 6-8	setiger 15-17 (40th in 4mm wide spcmn)	setiger 30-40	4-5 per ramus	yellow/light	none	white iridescent	20-40 m. depth (2.1 m. embayment)	
Cirriiformia sp SD2	setiger 3	setiger 6-10	setiger 10-20	1-4 per ramus	 yellow/light	none	white iridescent	10-40 m. depth possible affinity to coarse sediments	spines are bifid in most specimens (especially smaller specimens) and this is easily mistaken for Caulleriella but multiple tentacles are present also the first branchiae are ant. to setiger with tentacular filaments so this is not a Cirratulus
Character variation	more posterior in larger specimens but very consistent in C. sp SD2	more posterior in larger specimens	more posterior in larger specimens	juv. with fewer & in C. sp SD2 smallest specimens with only 1 noto and 2 neuro per ramus	can be brassy but never black	can be some speckling	may be gray or dull brown if from muddier sediments	both of these most commonly found in our shallow SBOO survey at the Mexican border	