

694 Table 1: Summary table of within- and among-brood variation in offspring size for marine invertebrates. ‘F’ refers to species with  
695 indirect development and feeding larvae, ‘NF’ refers to species with indirect development and non-feeding larvae and ‘D’ refers to  
696 species with direct development.

Phylum, Class	Order	Family	Species	Study	Dev.	Measur ement	Offspri ng size	CV within	CV among
Annelida, Polychaeta	Sabellida	Serpulidae	<i>Galeolaria caespitosa</i>	(Marshall and Keough 2003), Marshall (unpubl)	F	Diam.	80.15	11.56	1.99
Mollusca, Gastropoda	Mesogastropoda	Calyptraeidae	<i>Crepidula adunca</i>	(Collin 2000)	D	Diam.	2200	6.04	25.71
	Patellogastropoda	Lottiidae	<i>Lottia pelta</i>	(Hadfield and Strathmann 1996)	NF	Diam	135.8	8.6	2.4
	Archaeogastropoda	Fissurellidae	<i>Diadora aspersa</i>	(Hadfield and Strathmann 1996)	NF	Diam	173	12.9	4.9
Mollusca, Opisthobranchia	Sacoglossa	Stiligeridae	<i>Alderia modesta</i> (F)	(Krug 1998)	F	Vol.	0.16	13.70	11.75
	Sacoglossa	Stiligeridae	<i>Alderia modesta</i> (NF)	(Krug 1998)	NF	Vol.	0.63	9.78	12.37
Bryozoa, Gymnolaemata	Cheilostomata	Bugulidae	<i>Bugula neritina</i>	Marshall (unpubl.)	NF	Diam.	271	6.5	6.9
Echinodermata, Asteroidea	Spinulosida	Asterinidae	<i>Meridiastra occidens</i>	M. Byrne (unpubl.)	NF	Diam.	398	4.24	4.42
	Spinulosida	Asterinidae	<i>Meridiastra calcar</i>	M. Byrne (unpubl.)	NF	Diam.	412.9	3.85	3.87
	Spinulosida	Asterinidae	<i>Parvulastra parvivipara</i>	M. Byrne (unpubl.)	D	Diam.	810	5.92	7.16
	Spinulosida	Asterinidae	<i>Meridiastra gunnii</i>	M. Byrne (unpubl.)	NF	Diam.	434	4.14	5.07
	Spinulosida	Echinoasteridae	<i>Echinaster modestus (D)</i>	(Turner and Lawrence 1977)	D	Diam.	239.16	12.23	16.21
	Spinulosida	Echinoasteridae	<i>Echinaster modestus (NF)</i>	(Turner and Lawrence 1977)	NF	Diam.	199.1	10.39	8.27
	Forcipulatida	Asteriidae	<i>Uniophora granifera</i>	Marshall (unpubl.)	NF	Diam.	521	7.86	6.3

Echinodermata, Echinoidea	Forcipulata	Asteriidae	<i>Asterias forbesi</i>	(Turner and Lawrence 1977)	F	Vol.	1.477	22.91	16.31
	Platyasterida	Luidiidae	<i>Luidia clathrata</i>	(Turner and Lawrence 1977)	F	Vol.	2.44	15.53	8.52
	Clypeasteroida	Clypeasteridae	<i>Clypeaster rosaceus</i>	(Emlet 1986)	NF	Diam.	280.3	1.67	2.74
	Clypeasteroida	Dendrasteridae	<i>Dendraster exentricus</i>	(Podolsky 2002)	F	Diam.	129	3.5	3.5
	Clypeasteroida	Mellitidae	<i>Encope aberrans</i>	(Turner and Lawrence 1977)	F	Vol.	3.19	15.26	11.17
	Temnopleuroida	Toxopneustidae	<i>Lytechinus variegatus</i>	(Turner and Lawrence 1977)	F	Vol.	0.59	10.01	9.05
Chordata: Ascidia	Echinoida	Strongylocentrotidae	<i>Strongylocentrotus droebachiensis</i>	(Turner and Lawrence 1977)	F	Vol.	2.01	9.04	4.96
	Stolidobranchia	Pyuridae	<i>Pyura stolonifera</i>	(Marshall et al. 2000)	NF	Diam.	269	7.9	9.18
	Stolidobranchia	Pyuridae	<i>Pyura fissa</i>	(Marshall and Keough 2003)	NF	Diam.	175.78	4.89	5.21
	Stolidobranchia	Styelidae	<i>Styela plicata</i>	(Marshall and Keough 2003)	NF	Diam.	163	3.9	7.9
	Phlebobranchia	Cionidae	<i>Ciona intestinalis</i>	(Marshall and Keough 2003)	NF	Diam.	145	4.5	5.17

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