

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.	Measurement	Offspring 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</i> (D)	(Turner and Lawrence 1977)	D	Diam.	239.16	12.23	16.21
	Spinulosida	Echinoasteridae	<i>Echinaster modestus</i> (NF)	(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>	(Emllet 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
	Echinoida	Strongylocentrotidae	<i>Strongylocentrotus droebachiensis</i>	(Turner and Lawrence 1977)	F	Vol.	2.01	9.04	4.96
Chordata: Ascidia	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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