

Meso-fauna foraging on seagrass pollen may serve in marine zoophilous pollination

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Supplement 2. Invertebrate species sampled on flowers of *Thalassia testudinum* in Puerto Morelos reef lagoon (n = 76; 51 male flowers with pollen, 19 male flowers without pollen and 6 female flowers) during 11 and 12 May and 10 June 2009, and 17 May 2011 from 19:30 until 20:30 h. n: number of specimens, Ad: adult, Epi: epitokous, Juv: juvenile, My: mysis, Micn: microniscus, Z: zuphea, ZI: zoea I, ZII: zoea II, C: carnivore, D: detritivore, DF: deposit feeder, FF: filter feeder, H: herbivore, NF: non-feeding, O: omnivore, SF: suspension feeder, SP: suctorial parasite, SS: selective sedimentivore. *: new record for the region. #: pelagic. Sources for species identification keys are given in the footnote. Indet: indeter-minable because of the reduced mouthparts of reproductive specimen or poor state of conservation, No Id: not identified

Species	Authority	n	n	n	Phase	Feeding guild	Source for feeding guild
		Male flower with pollen	Female flower without pollen	Female flower			
CRUSTACEANS							
Class Maxillopoda							
Copepoda (sources 1-3)							
1. <i>Acartia</i> sp.		15	–	1	Ad	H, D	Roman (1984)
2. <i>Apocyclops</i> sp.		20	4	1	Ad	H	Cano et al. (2004)
3. <i>Calanopia americana</i>	Dahl, 1894	3	–	–	Ad	SF	Ohtsuka & Onbé (1991)
4. <i>Cymbasoma</i> sp.		2	–	–	Ovg	NF	Davis (1984)
5. <i>Euterpina acutifrons</i>	Dana, 1847	17	–	–	Ovg	O	Rieper (1982)
6. <i>Macrosetella gracilis</i>	Dana, 1848	3				O	Rieper (1982)

Class Ostracoda (sources 4-8)							
7. Cypridinidae A		1	–	–	Ad	O	Vannier et al. (1998)
8. Cyllindroleberididae A		1	–	–	Ad	C, O	Vannier et al. (1998)
9. <i>Kornickeria</i> sp. *		4	–	–	Ad	O	Vannier et al. (1998)
10. <i>Rutiderma dinochelata</i> *	Kornicker, 1958	2	–	–	Ad	Ca	Cohen & Kornicker (1987)
11. <i>Skogsbergia lernerii</i> *	Kornicker, 1958	18	1	1	Ad	O	Vannier et al. (1998)
Class Malacostraca							
Mysidacea (sources 9-11)							
12. <i>Sierella chierchiae</i>	Coifmann, 1937	8	–	–	Ad (2 ovg)	SF, O	Grossnickle (1982)
Amphipoda (sources 12-15)							
13. <i>Ampelisca agassizi</i>	Judd, 1866	3	–	–	Ad	SF	MacDonald et al. (2010)
14. <i>Gibberosus myersi</i> *	McKinney, 1980	6	–	1	Ad	O, D	MacDonald et al. (2010)
15. <i>Globosolembus</i> sp.*			–	1	Ad	H	Taylor & Brown (2006)
16. <i>Lepidepecreum</i> sp.*		1	–	–	Ad	C	MacDonald et al. (2010)
17. <i>Metharpinia floridana</i>	Schoemaker, 1933	1	–	–	Ad	D	Oakden (1984)
18. <i>Synopia</i> sp.		9	3	–	Ad	–	
19. <i>Tethygeneia longleyi</i> *	Schoemaker, 1933	29	1	–	Ad	H	Howard (1982)
20. <i>Tiron</i> sp.		1	–	–	Ad	–	
Isopoda (sources 16,17)							
21. Bopyridae A		4	–	–	Micn	–	
22. <i>Carpias algicola</i>	Miller, 1941	2	–	1	Ad (1 ovg)	H	Brusca (1999)
23. <i>Carpias triton</i> *	Pires, 1982	1	–	–	Ad	H	Brusca (1999)
24. Cirolanidae A		2	–	–	Ad	–	
25. <i>Cirolana</i> sp.		1	–	–	Ad	C	MacDonald et al. (2010)
26. <i>Dynamenella quadriralata</i> *	Kensley, 1984	1	–	–	H	–	Holdich & Jones (1973)
27. <i>Eurydice convexa</i>	Richardson, 1900	1	–	–	Ad	–	
28. <i>Excorallana antillensis</i>	Hansen, 1890	1	–	–	Ad	–	
29. <i>Gnathia</i> sp.		1	–	–	Zu	SP	Grutter (2003)
30. <i>Limnoria</i> sp.		1	–	–	Ad	–	
31. <i>Stenetrium</i> sp.		1	–	–	Ad	H	Brusca (1999)
Cumacea (sources 18-23)							
32. <i>Cyclaspis granulata</i>	(Rada Deby & Kurian, 1981)	1	–	–	Ad	H	MacDonald et al. (2010)
33. <i>Cyclaspis jamaicensis</i> *	Petrescu, Illiffe & Sarbu, 1993	1	–	–	Ad	H	MacDonald et al. (2010)

34. <i>Cyclaspis kensleyi</i> *	n. sp.	3	–	–	Ad	H	MacDonald et al. (2010)
35. <i>Cyclaspis</i> sp. 1		4	–	–	Ad	H	MacDonald et al. (2010)
36. <i>Cumella clavicauda</i>	Calman, 1911	12	–	1	Ad	C	MacDonald et al. (2010)
37. <i>Cumella longicaudata</i> *	Petrescu, Illiffe & Sarbu, 1993	3	–	1	Ad	C	MacDonald et al. (2010)
38. <i>Cumella garrityi</i>	Bacescu & Muradian, 1977	1	–	–	Ad	C	MacDonald et al. (2010)
39. <i>Cumella ocellata</i> *	Bacescu, 1992	6	–	–	Ad	C	MacDonald et al. (2010)
40. <i>Leucon</i> sp. *		1	–	–	Ovg	H	MacDonald et al. (2010)
41. Nannastacidae A		1	–	–	Ad	–	
Tanaidacea (source 24)							
42. <i>Leptocheilia dubia</i>	Krøyer, 1842	1	–	–	Ad	O	MacDonald et al. (2010)
43. <i>Leptocheilia longimana</i>	Dana, 1849	–	1	–	Ad	O	MacDonald et al. (2010)
44. Paratanaoidea A		1	–	–	–	–	
45. <i>Pseudoleptocheilia</i> sp. 1		6	2	1	Ad	O	MacDonald et al. (2010)
Decapoda (sources 25-30)							
46. Alpheidae A		1	–	–	My	–	
47. <i>Alpheus</i> sp.		1	–	–	Juv	–	
48. Callinassidae A		3	–	–	My	SF	Dworschak (1987)
49. Caridea A		2	–	–	ZI	–	
50. Hippolythidae A		4	1	–	ZI, Z II	–	
51. Majidae A		4	1	–	ZI	H	Coen (1988)
52. <i>Microphrys bicornotus</i>	Latreille, 1825	1	–	–	Juv	H	Kilar & Lou (1986)
53. <i>Mithrax</i> sp.		8	–	–	ZI	H	Hultgren & Stachowicz (2011)
54. <i>Pagurus</i> sp.		1	–	–	ZI	O, D	Gerlach et al. (1976)
55. <i>Pinnotheres</i> sp.		1	–	–	ZI	H, FF	Silas & Algarswami (1969)
56. <i>Pitho aculeatha</i>	Gibbes, 1850	1	–	–	Juv	H	Hultgren & Stachowicz (2011)
57. <i>Thor</i> sp.		1	–	–	ZI	–	

ANNELIDS (sources 31-34)**Class Polychaeta**

Polychaeta indet.		1	–	1	Ep	–	
1. <i>Glycera gilbertae</i>	Bögemann & Fiege, 2001	1	–	–	Ad	C, D	Fauchald & Jumars (1979)
2. Glyceridae A	Grube, 1850	1	–	–	Ad	C, D	Fauchald & Jumars (1979)
3. Hesionidae A	Grube, 1850	1	–	–	Ad	C	Fauchald & Jumars (1979)
4. Nereididae A	Blainville, 1818	5	–	1	Ep(3), Ad(3)	NF, O, DF	Fauchald & Jumars (1979)
5. <i>Oenone diphyllidia</i>	Schmarda, 1861	1	–	–	Ad	SS	Fauchald & Jumars (1979)
6. Onuphidae A	Kinberg, 1865	1	–	–	Juv	C, O, D, H	Fauchald & Jumars (1979)
7. Opheliidae A	Malmgren, 1867	1	–	–	Ad	DF	Fauchald & Jumars (1979)
8. <i>Rullierinereis mexicana</i>	Treadwell, 1942	3	–	–	Ad(2) Juv (1)	O, DF	Fauchald & Jumars (1979)
<i>Rullierinereis</i> indet.	Pettibone, 1971	21	–	–	Ep(19), Ad(2)	NF, O, DF	Fauchald & Jumars (1979)
9. <i>Rhynchonereella petersi</i> #	Langerhans, 1880	10	–	–	Ad	C	Fauchald & Jumars (1979)
10. Syllidae A	Grube, 1850	3	–	1	Ad	C, D, H,	Fauchald & Jumars (1979)
11. <i>Salvatoria</i> sp.	Mc Intosh, 1885	2	–	–	Ad	C, D, H,	Fauchald & Jumars (1979)
12. <i>Streblosoma crassibranchia</i>	Treadwell, 1914			1	Ad	SF	Fauchald & Jumars (1979)

Class Oligochaeta

13. Oligochaeta No Id.		1	4	–	Ad		
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Sources for species identification: 1. Suárez-Morales & Escamilla (1997), 2. Suárez-Morales & Gasca (1998), 3. Suárez-Morales (2000), 4. Poulsen (1969), 5. Kornicker (1986), 6. Lalana (2001), 7. Cohen & Kornicker (1987), 8. Syme (2007), 9. Farrel (1979), 10. Keast & Lawrence (1990), 11. Sorbe et al. (2007), 12. LeCroy (2000), 13. LeCroy (2001), 14. Chapman (2007), 15. Winfield & Escobar-Briones (2007), 16. Kensley & Schotte (1987), 17. Kensley & Schotte (1989), 18. Donath-Hernandez (1988), 19. Haye (2002), 20. Petrescu (2002), 21. Haye (2007), 22. Petrescu & Ilife (2009), 23. Shalla (2011), 24. Suárez-Morales et al. (2004), 25. Williams (1984), 26. Abele & Kim (1986), 27. Paula (1996), 28. Bullard (2003), 29. Santana et al. (2003), 30. Medellín-Mora et al. (2009), 31. Uebelacker & Johnson (1984), 32. Fauchald & Rouse (1997), 33. De León-González et al. (2009), 34. Fauchald et al. (2009)

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