

Supplementary Table 1. Extended list of publications (monographs/memoirs/article) with naticid gastropod listed in it. Qualitative site selectivity data were extracted from this list, because these papers did not quantify drilling gastropod predation. n = number of individuals (drilled + undrilled); DF = drilling frequency; IDF = incomplete DF; MULT = multiple DF; PE = prey effectiveness; – = no data provided. AP = Apertural, AB = abapertural, R = Random. AB^s/AP^s = site selectivity data extracted from figures but no quantifiable data provided in the original article, AB^m/AP^m = site selectivity mentioned in the article without providing raw data.

Time	Prey species	n	DF	Site	IDF (MULT)	PE	Size data	Country	References
Cretaceous	<i>Forator parkinsoni</i>	189	0.02	-	-	-	yes	UK	Taylor et al., 1983
	<i>Gyrodes gentii</i>	27	0.07	-	-	-	-	UK	Taylor et al., 1983
	Naticidae	304	0.02	-	0.01 (-)	0.33	-	USA	Kelley and Hansen, 2006
	<i>Euspira rectilabrum</i>	-	0.09	-	-	-	-	USA	Jones et al.,1998
	<i>Euspira rectilabrum</i>	-	0.01	-	-	-	-	USA	Jones et al.,1998
	<i>Euspira rectilabrum</i>	-	0.02	-	-	-	-	USA	Jones et al.,1998
	<i>Mammilla carnatica</i>	414	0.04	R	0.01 (0.00)	0.20	yes	India	Mallick et al., 2014
	<i>Mammilla sp.</i>	2	0.00	-	0.00 (0.00)	0.00	yes	India	Mallick et al., 2014
	<i>Euspira obliquata</i>	403	0.02	AP ^s	-	-	-	USA	Li et al.,2011
Paleocene	Naticidae	18	0.17	-	0.00(-)	0.00	-	USA	Kelley and Hansen, 2006
	<i>Polinices clementensis</i>	-	-	AP ^s	- (-)	-	-	USA	Hickman, 1980
	Naticidae	61	0.10	-	0.00(-)	0.00	-	USA	Kelley and Hansen, 2006
Eocene	<i>Natica epiglottina</i>	31	0.16	-	0.00 (-)	0.00	-	France	Taylor, 1970
	<i>Sinum clathratus</i>	06	0.17	-	0.00 (-)	0.00	-	France	Taylor, 1970

	<i>Natica obscura</i>	65	0.09	AP	0.00 (0.00)	0.00	-	India	JUM collection
	<i>Natica amekiensis</i>	238	0.14	AB ^m	0.05 (-)	0.27	yes	Nigeria	Adegoke and Tevesz, 1974
	<i>Polinices marambioensis</i>	2648	0.11	AP	0.04 (0.04)	0.27	yes	Antarctica	Brezina et al., 2016
	Naticidae	74	0.08	-	0.00 (-)	0.00	-	USA	Kelley and Hansen, 2006
	Naticidae	228	0.14	-	0.04 (-)	0.22	-	USA	Kelley and Hansen, 2006
	Naticidae	54	0.15	-	0.02 (-)	0.11	-	USA	Kelley and Hansen, 2006
	<i>Carinacca rosensis</i>	-	-	AP ^s	- (-)	-	-	USA	Marincovich, 1977
	<i>Euspira nuciformis</i>	-	-	AP ^s	- (-)	-	-	USA	Marincovich, 1977
	<i>Polinices clementensis</i>	-	-	AP ^s	- (-)	-	-	USA	Marincovich, 1977
	<i>Tejonina meragai</i>	-	-	AP ^s	- (-)	-	-	USA	Marincovich, 1977
	<i>Euspira labellata</i>	115	0.08	AP ^m	0.09 (-)	0.53	-	France	Taylor, 1970
	<i>Natica</i> spp.	395	0.21	-	0.00 (0.00)	0.00	-	France	Fischer, 1966
Oligocene	<i>Natica helicina</i>	140	0.49	AB ^m	-	-	-	Germany	Klähn, 1932
	Naticidae	342	0.10	-	0.00 (-)	0.00	-	USA	Kelley and Hansen, 2006
	Naticidae	40	0.15	-	0.00 (-)	0.00	-	USA	Kelley and Hansen, 2006
	<i>Polinices helicina</i>	-	-	-	- (0.10)	-	-	Hungary	David, 1999

	<i>Polinices josephina</i>	-	-	-	-(0.33)	-	-	Hungary	David, 1999
	<i>Natica tigrina</i>	-	-	-	-(0.03)	-	-	Hungary	David, 1999
	<i>Natica helicina</i>	209	0.33	AB ^m	- (-)	-	-	Germany	Klähn, 1932
	Naticidae	-	-	-	-	-	-	Hungary	Balaska, 2014
Miocene	Naticidae	-	-	AP ^s	-	-	-	Japan	Majima, 1989
	Naticidae	-	-	AP ^s	-	-	-	USA	Addicott, 1970
	<i>Naticarius posuncula</i>	-	-	AP ^s	- (-)	-	-	USA	Marincovich, 1977
	<i>Naticarius teglandea</i>	-	-	AP ^s	- (-)	-	-	USA	Marincovich, 1977
	<i>Euspira lincolnensis</i>	-	-	AP ^s	- (-)	-	-	USA	Marincovich, 1977
	<i>Cryptonatica oregonensis</i>	150	0.03	-	-	-	-	USA	Colbath, 1985
	<i>Cryptonatica oregonensis</i>	-	-	AP ^s	- (-)	-	-	USA	Marincovich, 1977
	<i>Tectonatica janthostoma</i>	-	-	AP ^s	- (-)	-	-	USA	Marincovich, 1977
	Naticidae	1402	0.29	-	0.01 (-)	0.03	-	USA	Kelley and Hansen, 2006
	<i>Lunatia heros</i>	530	0.17	AP	0.03 (-)	0.17	Yes	USA	Kelley, 1991
	<i>Polinices duplicatus</i>	340	0.09	R	0.02 (-)	0.19	yes	USA	Kelley, 1991
	<i>Natica helloina</i>	189	0.09	-	-	-	-	Poland	Hoffman et al., 1974
<i>Natica joshephina</i>	202	0.11	-	-	-	-	Poland	Hoffman et al., 1974	

<i>Natica millepunctata</i>	428	0.11	-	-	-	-	Poland	Hoffman et al., 1974
<i>Natica redempta</i>	159	0.09	-	-	-	-	Poland	Hoffman et al., 1974
<i>Natica pseudoredempta</i>	81	0.18	-	-	-	-	Poland	Hoffman et al., 1974
<i>Natica</i> spp.	196	0.09	-	-	-	yes	Poland	Kowalewski, 1990
<i>Natica</i> spp.	14	0.65	-	-	-	-	Panama	Fortunato, 2007
<i>Polinices</i> spp.	26	0.25	-	-	-	-	Panama	Fortunato, 2007
<i>Stigmaulux</i> spp.	6	1.00	-	-(-)	-	-	Panama	Fortunato, 2007
<i>Natica obscura</i>	296	0.04	R	0.00 (0.00)	0.00	yes	India	Goswami et al., 2015
Naticidae	403	0.13	_	0.01 (-)	0.07	-	Austria, Slovenia	Sawyer and Zuschin, 2011
<i>Neverita duplicata</i>	1472	0.11	-	0.01 (-)	0.08	yes	USA	Dietl and Alexander, 1995, 2000
<i>Euspira heros</i>	1163	0.17	-	0.01 (-)	0.05	yes	USA	Dietl and Alexander, 1995, 2000
<i>Natica tigrina</i>	1826	0.05	-	0.01 (-)	0.17	-	Poland	Zlotnik, 2001
<i>Taniella mima</i>	123	0.19	-	-	-	-	New Zealand	Maxwell, 1988
<i>Friginatica vaughani</i>	40	0.03	-	-	-	-	New Zealand	Maxwell, 1988
<i>Polinices redempta</i>	14	0.07	-	- (-)	-	-	Slovakia	Pek et al., 1997
<i>Nacca unica</i>	2	-	AP ^S	- (-)	-	-	Poland	Baluk, 2006
<i>Euspira</i> sp.	97	0.16	-	0.00 (0.00)	0.00	-	Europe	Hoffmeister, 2002

	<i>Natica</i> sp.	21	0.05	-	0.00 (0.00)	0.00	-	Europe	Hoffmeister, 2002
Pliocene	Naticidae	-	-	AP ^S	-	-	-	Japan	Majima, 1989
	<i>Natica scethra</i>	39	~0.5 2	-	-	-	yes	Ecuador	Walker, 2001
	<i>Natica millepunctata</i>	-	-	R ^S	-	-	-	Italy	Bromley, 1981
	<i>Natica tigrina</i>	32	0.34	-	-	-	-	Spain	Hoffman and Martinell, 1984
	<i>Tectonatica tectula</i>	30	0.20	-	-	-	-	Spain	Hoffman and Martinell, 1984
	<i>Lunatia helicina</i>	94	0.19	-	-	-	-	Spain	Hoffman and Martinell, 1984
	Naticidae	-	-	AB ^S	-	-	-	Netherlands	Klompmaker, 2009
	Naticidae	448	0.20	-	0.00 (-)	0.00	-	USA	Kelley and Hansen, 2006
	<i>Polinices</i> sp.	191	0.07	-	-	-	-	Belgium	Boekschoten, 1967
	<i>Polinices cumminghamensis</i>	205	0.01	-	-	-	-	Australia	Hingston, 1985
	<i>Cochlis pseudoepiglottina</i>	183	0.45	AP ^S	0.13 (-)	0.22	yes	France	Martinell et al., 2010
	<i>Naticarius canrena</i>	65	0.12	R	0.00	0.00	yes	USA	Christie, 2009
	<i>Neverita duplicata</i>	170	0.05	R	0.00 (0.00)	0.00	yes	USA	Christie, 2009

	<i>Euspira heros</i>	159	0.11	R	0.00 (0.00)	0.00	yes	USA	Christie, 2009
	<i>Lunatia perspectiva</i>	41	0.10	R	0.00 (0.00)	0.00	yes	USA	Christie, 2009
	<i>Tectonatica pusilla</i>	28	0.14	R	0.00 (0.00)	0.00	yes	USA	Christie, 2009
	<i>Lunatia interna</i>	94	0.22	R	0.00 (0.00)	0.00	yes	USA	Christie, 2009
	<i>Polinices</i> sp.	11	0.27	AP	0.00 (0.00)	0.00	yes	USA	Christie, 2009
Pleistocene	<i>Natica chemnitzii</i>	-	~0.2 0	AB ^m	-	-	-	Mexico	Stump, 1975
	<i>Neverita reclusiana</i>	-	-	AP ^s	- (-)	-	-	USA	Marincovich, 1977
	Naticidae	-	-	AP ^s	-	-	-	Japan	Majima, 1989
	<i>Natica arachnoidea</i>	33	0.33	R	-	-	yes	Fiji	Kabat and Kohn, 1986
	<i>Eunaticina linmaeana</i>	06	0.17	-	-	-	yes	Fiji	Kabat and Kohn, 1986
	<i>Natica gualteriana</i>	34	0.30	R	-	-	yes	Fiji	Kabat and Kohn, 1986
	<i>Natica areolata</i>	21	0.38	R	-	-	yes	Fiji	Kabat and Kohn, 1986
	<i>Natica euzona</i>	47	0.30	R	-	-	yes	Fiji	Kabat and Kohn, 1986
	<i>Polinices peselephanti</i>	29	0.03	-	-	-	yes	Fiji	Kabat and Kohn, 1986

	<i>Natica</i> sp.	07	0.00	-	-(-)	-	yes	Fiji	Kabat and Kohn, 1986
	Naticidae	312	0.19	-	~0.00 (-)	0.00	-	USA	Kelley and Hansen, 2006
	<i>Neverita duplicata</i>	501	0.17	-	0.01 (-)	0.06	-	USA	Dietl and Alexander, 1995, 2000
	Naticidae	207	0.19	-	-	-	yes	Fiji	Kohn and Arua, 1999
	<i>Neverita duplicata</i>	755	0.14	R	~0.00 (~ 0.00)	0.00	-	USA	Christie, 2009
	<i>Euspira heros</i>	327	0.16	R	0.00 (0.00)	0.00	-	USA	Christie, 2009
	<i>Naticarius canrena</i>	126	0.06	AP	0.00 (0.00)	0.00	-	USA	Christie, 2009
	<i>Tectonatica pusilla</i>	153	0.05	R	0.00 (0.00)	0.00	-	USA	Christie, 2009
Holocene	<i>Natica gualteriana</i>	1773	0.55	AP	~0.00 (0.00)	0.00	yes	Indian Subcontinents	Das et al., 2014
	<i>Natica tigrina</i>	857	0.57	AP	0.01 (0.02)	0.01	yes	India	Pahari et al., 2016
	<i>Tectonatica janthostoma</i>	-	-	AP ^s	- (-)	-	-	Japan	Marincovich, 1977
	<i>Natica lineata</i>	760	0.01	R	~0.00 (0.00)	0.00	yes	India	JUM collection

<i>Polinices mammilla</i>	55	0.00	-	0.00 (0.00)	0.00	yes	India	JUM collection
<i>Polinices didyma</i>	619	0.06	AP	~0.00 (0.00)	0.00	yes	India	JUM collection
<i>Eunaticina</i> sp.	296	0.13	AP	0.00 (0.00)	0.00	yes	India	JUM collection
<i>Sinum neritoidium</i>	15	0.00	-	0.00 (0.00)	0.00	yes	India	JUM collection
<i>Polinices</i> sp.	08	0.13	-	-(-)	-	-	Bahamas	Pruss et al., 2011
Naticidae	10	0.41	-	- (-)	-	-	USA	Funderburk, J. 2010
<i>Euspira heros</i>	-	-	R	- (-)	-	-	Canada	Clements, 2011
<i>Polinices sordidus</i>	220	0.02	-	-	-	-	Australia	Green, 1968
<i>Polinices conicus</i>	112	0.15	-	-	-	-	Australia	Green, 1968
<i>Euspira heros</i>	225	0.13	R	0.10 (-)	0.43	-	USA	Dietl and Alexander, 1995, 2000
<i>Neverita duplicata</i>	736	0.10	R	0.32 (-)	0.24	-	USA	Dietl and Alexander, 1995, 2000

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