

Supplement. Additional data

List S1. Prey items recorded during the survey.

Mollusca

Bivalvia

Aequipecten tehuelchus (d'Orbigny, 1842)
Zygochlamys patagonica (King, 1832)
Eucallista purpurata (Lamarck, 1818)
Dallocardia muricata (Linnaeus, 1758)
Atrina seminuda (Lamarck, 1819)
Ardeamya petitiiana (d'Orbigny, 1845)
Ennucula puelcha (d'Orbigny, 1842)
Semele proficua (Pulteney, 1799)
Diodora patagonica (d'Orbigny, 1839)

Gastropoda

Dendrofissurella scutellum hiantula (Lamarck, 1822)
Fissurella radiosa (Lesson, 1831)
Crepidula protea (d'Orbigny, 1841)
Ergaea walshi (Reeve, 1859)
Bostrycapulus aculeatus (Gmelin, 1791)
Crepidatella dilatata (Lamarck, 1822)
Trophon geversianus (Pallas, 1774)
Muricidae unident.

Arthropoda

Crustacea

Decapoda

Austinixa patagoniensis (Rathbun, 1918)
Coenophthalmus tridentatus (Milne-Edwards, 1879)
Pilumnoides hassleri (Milne-Edwards, 1880)
Peltarion spinulosum (White, 1843)
Pachycheles chubutensis (Boschi, 1963)
Brachyura unident. 1
Brachyura unident. 2
Leucippa pentagona (Milne Edwards, 1834)
Leurocyclus tuberculosus (Milne Edwards & Lucas, 1842)
Leurocyclus tuberculosus (juveniles)
Rochinia gracilipes (Milne-Edwards, 1875)
Pelia rotunda (Milne-Edwards, 1875)
Pagurus criniticornis (Dana, 1852)
Brachyura unident. 3

Isopoda

Acanthoserolis schythei (Lütken, 1858)

Echinodermata

Echinoidea

Arbacia dufresnii (Blainville, 1825)
Pseudechinus magellanicus (Philippi, 1857)

Echinoidea unident.

Ophiuroidea

Ophioplocus januarii (Lütken, 1856)

Ophiuroidea unident.

Asteroidea

Cosmasterias lurida (Philippi, 1858)

Allostichaster capensis (Perrier, 1875)

Asteroidea unident. 1

Astropecten sp.

Asteroidea unident. 2

Acodontaster sp.

Ctenodiscus sp.

Cycethra verrucosa (Philippi, 1857)

Holothuroidea

Pentactella leonina (Semper, 1867)

Chordata

Ascidiacea

Ciona robusta (Hoshino & Tokioka, 1967)

Paramolgula gregaria (Lesson, 1830)

Ascidiacea unident. 1

Cnemidocarpa sp. 1

Asterocarpa humilis (Heller, 1878)

Ascidiacea unident. 2

Cnemidocarpa nordenskjöldi (Michaelsen, 1898)

Cnemidocarpa sp. 2

Polyzoa opuntia (Lesson, 1830)

Sycozoa sigillinoides (Lesson, 1830)

Sycozoa sp. 1

Sycozoa sp. 2

Sycozoa sp. 3

Ascidiacea unident. 3

Pyura sp.

Asciella aspersa (Müller, 1776)

Ascidiacea unident. 4

Ascidiacea unident. 5

Annelida

Polychaeta

Aphrodita longicornis (Kinberg, 1856)

Polychaeta unident.

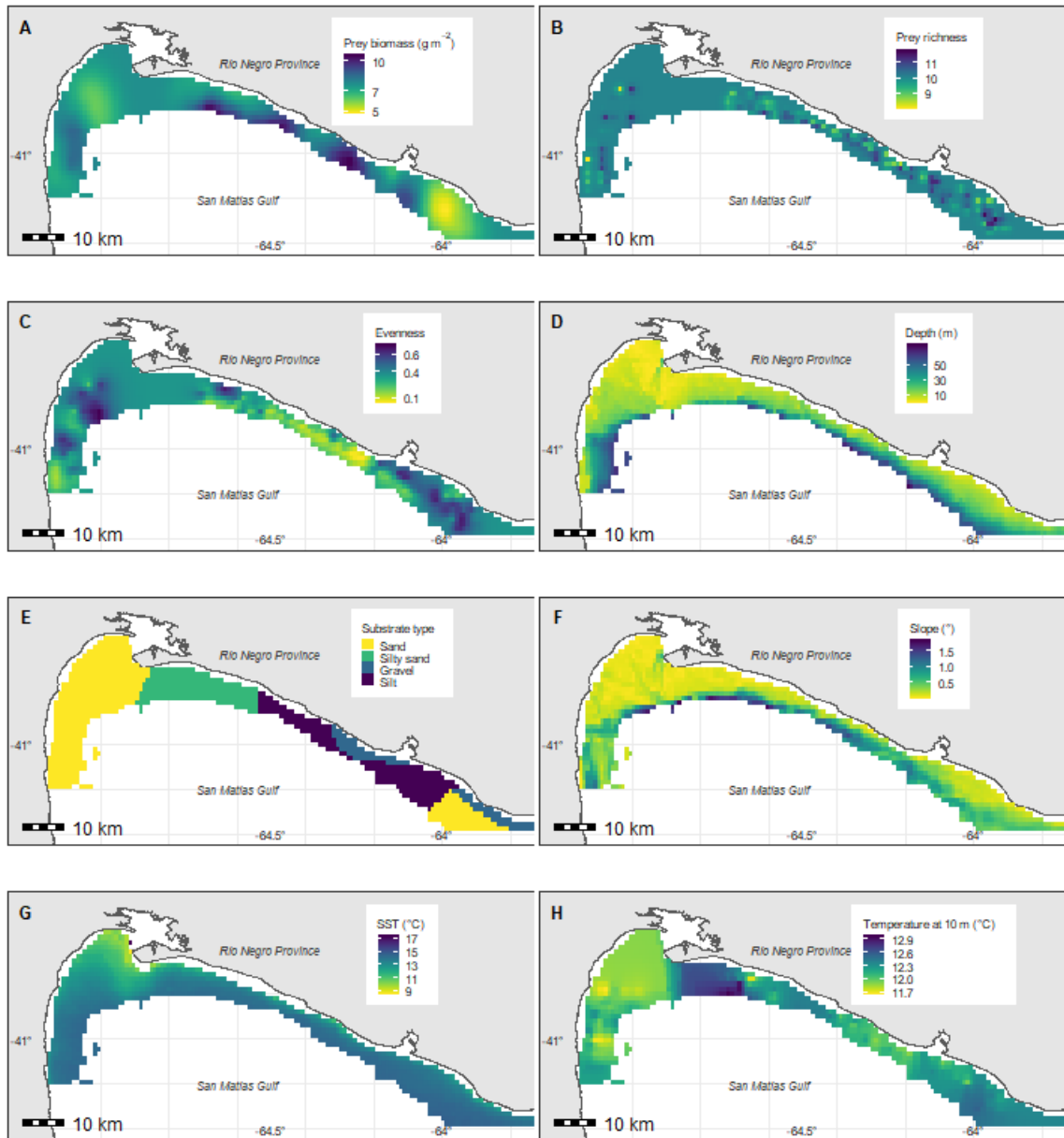


Figure S1: Spatial distribution of the predictors used in the species distribution model. **A.** Prey biomass. **B.** Prey species richness. **C.** Evenness. **D.** Depth. **E.** Substrate type. **F.** Slope of seabed. **G.** SST. **H.** Temperature at 10 m depth.

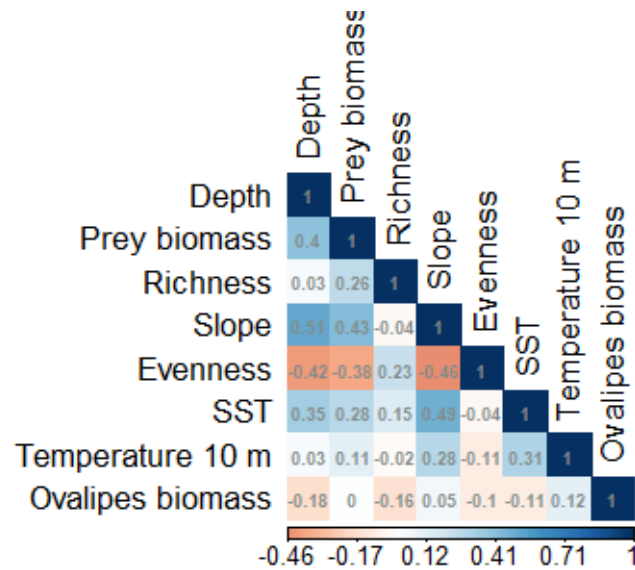


Figure S2: Pearson correlation between the predictors used in the species distribution model and the response variable.

Table S1: Summary of model-selection results for models explaining the probability of presence of *Ovalipes trimaculatus* relative to the predictors: depth, substrate type (Subs), slope of seabed (Slope), prey biomass (Prey), prey species richness (Rich), evenness (PIE), temperature at 10 m depth (Tem10) and SST. k is the number of estimated parameters. See Methods for details. Models are listed in decreasing order of importance according to w_i .

Candidate Model	k	AICc	Δ AICc	w_i
Subs Depth Rich	6	113.50	0.00	0.07
Subs Depth	5	114.50	1.00	0.04
Subs Depth Rich SST	7	114.78	1.28	0.04
Subs Depth SST	6	115.13	1.63	0.03
Subs Depth Rich Tem10	7	115.60	2.11	0.03
Subs Depth Rich Prey	7	115.67	2.18	0.02
Subs Rich SST	6	115.70	2.20	0.02
DH Subs Depth Rich	7	115.71	2.21	0.02
Subs Depth Rich Slope	7	115.71	2.21	0.02
Subs Depth Prey	6	115.78	2.28	0.02
Subs Depth Slope SST	7	116.12	2.62	0.02

Candidate Model	<i>k</i>	AICc	ΔAICc	w _i
Subs SST	5	116.13	2.63	0.02
Subs Prey	5	116.16	2.66	0.02
Subs Rich	5	116.24	2.75	0.02
Subs Depth Rich Slope SST	8	116.27	2.78	0.02
Subs Depth Tem10	6	116.46	2.96	0.02
DH Subs Depth	6	116.46	2.96	0.02
Subs Depth Slope	6	116.65	3.15	0.02
Subs Rich Prey	6	116.68	3.19	0.01
Subs SST Prey	6	116.77	3.27	0.01
DH Subs Depth Rich SST	8	117.00	3.50	0.01
Subs Depth SST Prey	7	117.02	3.52	0.01
Subs Depth Rich SST Tem10	8	117.06	3.56	0.01
Subs Depth Rich SST Prey	8	117.06	3.56	0.01
DH Subs Depth SST	7	117.11	3.61	0.01
Subs Rich SST Prey	7	117.36	3.86	0.01
Subs Depth SST Tem10	7	117.37	3.87	0.01
Subs Rich Slope	6	117.48	3.98	0.01
DH Subs Depth Prey	7	117.48	3.99	0.01
Subs Depth Slope SST Prey	8	117.66	4.16	0.01
Subs Depth Slope Prey	7	117.68	4.18	0.01
Subs Depth Rich Slope Tem10	8	117.77	4.27	0.01
Subs Rich SST Tem10	7	117.80	4.30	0.01
DH Subs Depth Rich Tem10	8	117.80	4.30	0.01
Subs	4	117.85	4.36	0.01
DH Subs Rich SST	7	117.86	4.36	0.01
Subs Depth Rich Prey Tem10	8	117.86	4.36	0.01
DH Subs Depth Rich Prey	8	117.87	4.37	0.01
Subs Depth Rich Slope Prey	8	117.87	4.38	0.01
Subs Rich Slope SST	7	117.93	4.43	0.01
DH Subs Depth Rich Slope	8	117.97	4.47	0.01
Subs Depth Prey Tem10	7	117.98	4.48	0.01
DH Subs Rich	6	118.11	4.61	0.01
DH Subs Prey	6	118.18	4.68	0.01
Subs SST Tem10	6	118.21	4.72	0.01
Subs Slope SST	6	118.23	4.73	0.01
Subs Depth Slope SST Tem10	8	118.26	4.77	0.01
DH Subs Depth Tem10	7	118.29	4.79	0.01
DH Subs SST	6	118.33	4.84	0.01
Subs Prey Tem10	6	118.34	4.84	0.01
Subs Slope Prey	6	118.36	4.86	0.01
DH Subs Depth Slope SST	8	118.39	4.90	0.01
Subs Slope SST Prey	7	118.40	4.90	0.01
Subs Rich Tem10	6	118.41	4.91	0.01
Subs Depth Slope Tem10	7	118.50	5.00	0.01
Subs Depth Rich Slope SST Prey	9	118.52	5.02	0.01

Candidate Model	<i>k</i>	AICc	ΔAICc	w _i
Subs Depth Rich Slope SST Tem10	9	118.53	5.03	0.01
DH Subs Depth Rich Slope SST	9	118.58	5.08	0.01
DH Subs Depth Slope	7	118.70	5.20	0.01
Subs SST Prey Tem10	7	118.78	5.28	0.01
Subs Rich Slope Prey	7	118.82	5.32	0.01
DH Subs Depth SST Prey	8	118.84	5.34	0.01
DH Subs SST Prey	7	118.84	5.34	0.01
Subs Rich Prey Tem10	7	118.92	5.42	0.00
DH Subs Rich Prey	7	118.92	5.42	0.00
Subs Slope	5	119.00	5.50	0.00
Subs Depth SST Prey Tem10	8	119.28	5.79	0.00
DH Subs Depth Rich SST Prey	9	119.31	5.81	0.00
DH Subs Depth Rich SST Tem10	9	119.31	5.81	0.00
DH Subs Depth SST Tem10	8	119.34	5.84	0.00
Subs Depth Rich SST Prey Tem10	9	119.37	5.87	0.00
Subs Rich SST Prey Tem10	8	119.44	5.94	0.00
Subs Rich Slope SST Prey	8	119.44	5.94	0.00
DH Subs Depth Slope Prey	8	119.61	6.12	0.00
DH Subs Rich SST Prey	8	119.63	6.14	0.00
DH Subs Depth Prey Tem10	8	119.64	6.15	0.00
DH Subs Rich Slope	7	119.70	6.20	0.00
Subs Rich Slope Tem10	7	119.71	6.21	0.00
Subs Depth Slope Prey Tem10	8	119.80	6.30	0.00
DH Subs	5	119.88	6.38	0.00
DH Subs Depth Slope SST Prey	9	119.94	6.44	0.00
Subs Tem10	5	119.94	6.44	0.00
Subs Depth Slope SST Prey Tem10	9	119.94	6.45	0.00
DH Subs Rich SST Tem10	8	119.96	6.46	0.00
Subs Depth Rich Slope Prey Tem10	9	120.02	6.52	0.00
DH Subs Depth Rich Slope Tem10	9	120.04	6.54	0.00
DH Subs Depth Rich Prey Tem10	9	120.06	6.56	0.00
DH Subs Rich Slope SST	8	120.07	6.57	0.00
Subs Rich Slope SST Tem10	8	120.07	6.57	0.00
DH Subs Depth Rich Slope Prey	9	120.14	6.64	0.00
DH Subs Rich Tem10	7	120.34	6.84	0.00
Subs Slope SST Tem10	7	120.37	6.87	0.00
DH Subs Slope Prey	7	120.39	6.89	0.00
DH Subs Prey Tem10	7	120.41	6.91	0.00
DH Subs Slope SST	7	120.42	6.93	0.00
DH Subs SST Tem10	7	120.44	6.95	0.00
DH Subs Depth Slope Tem10	8	120.49	6.99	0.00
Subs Slope SST Prey Tem10	8	120.50	7.00	0.00
DH Subs Depth Slope SST Tem10	9	120.56	7.07	0.00
Subs Slope Prey Tem10	7	120.58	7.08	0.00
DH Subs Slope SST Prey	8	120.66	7.16	0.00

Candidate Model	<i>k</i>	AICc	ΔAICc	w _i
Subs Depth Rich Slope SST Prey Tem10	10	120.83	7.34	0.00
DH Subs Depth Rich Slope SST Prey	10	120.87	7.37	0.00
DH Subs Depth Rich Slope SST Tem10	10	120.88	7.38	0.00
DH Subs SST Prey Tem10	8	120.93	7.43	0.00
Subs Rich Slope Prey Tem10	8	121.07	7.57	0.00
DH Subs Rich Slope Prey	8	121.07	7.58	0.00
DH Subs Depth SST Prey Tem10	9	121.15	7.65	0.00
DH Subs Slope	6	121.19	7.69	0.00
DH Subs Rich Prey Tem10	8	121.19	7.69	0.00
Subs Slope Tem10	6	121.20	7.70	0.00
Subs Rich Slope SST Prey Tem10	9	121.58	8.08	0.00
DH Subs Depth Rich SST Prey Tem10	10	121.66	8.16	0.00
DH Subs Depth Slope Prey Tem10	9	121.71	8.22	0.00
DH Subs Rich Slope SST Prey	9	121.74	8.24	0.00
DH Subs Rich SST Prey Tem10	9	121.75	8.25	0.00
DH Subs Rich Slope Tem10	8	121.96	8.47	0.00
DH Subs Tem10	6	122.03	8.54	0.00
DH Subs Rich Slope SST Tem10	9	122.22	8.72	0.00
DH Subs Depth Slope SST Prey Tem10	10	122.24	8.74	0.00
DH Subs Depth Rich Slope Prey Tem10	10	122.31	8.81	0.00
DH Subs Slope SST Tem10	8	122.58	9.09	0.00
DH Subs Slope Prey Tem10	8	122.65	9.15	0.00
DH Subs Slope SST Prey Tem10	9	122.81	9.31	0.00
DH Subs Depth Rich Slope SST Prey Tem10	11	123.23	9.73	0.00
DH Subs Rich Slope Prey Tem10	9	123.37	9.87	0.00
DH Subs Slope Tem10	7	123.43	9.93	0.00
DH Subs Rich Slope SST Prey Tem10	10	123.91	10.41	0.00
Depth Slope SST	4	127.36	13.86	0.00
Depth Rich Slope SST	5	127.78	14.29	0.00
Rich SST Tem10	4	127.96	14.47	0.00
Depth Slope SST Prey	5	128.12	14.62	0.00
Depth Slope SST Tem10	5	128.55	15.06	0.00
Depth Rich Slope SST Tem10	6	128.64	15.14	0.00
Slope SST Prey Tem10	5	128.67	15.17	0.00
Rich Slope SST Tem10	5	128.70	15.20	0.00
Depth Slope SST Prey Tem10	6	129.01	15.52	0.00
Slope SST Prey	4	129.07	15.57	0.00
Slope SST Tem10	4	129.16	15.67	0.00
Depth Rich SST Tem10	5	129.22	15.72	0.00
Depth Rich	3	129.29	15.79	0.00
Rich Slope SST	4	129.36	15.86	0.00
Depth Rich Slope SST Prey	6	129.39	15.89	0.00
Slope SST	3	129.50	16.00	0.00
SST Tem10	3	129.51	16.01	0.00

Candidate Model	<i>k</i>	AICc	ΔAICc	w _i
DH Depth Slope SST	5	129.52	16.02	0.00
Rich SST	3	129.55	16.05	0.00
Rich Slope SST Prey Tem10	6	129.64	16.14	0.00
Depth Rich Slope	4	129.68	16.18	0.00
Rich SST Prey Tem10	5	129.84	16.34	0.00
DH Depth Rich Slope SST	6	129.95	16.45	0.00
Depth Rich SST	4	130.08	16.59	0.00
Depth Rich Tem10	4	130.11	16.61	0.00
Depth Rich Slope SST Prey Tem10	7	130.13	16.63	0.00
DH Rich SST Tem10	5	130.13	16.63	0.00
Rich Slope SST Prey	5	130.21	16.71	0.00
DH Depth Slope SST Prey	6	130.22	16.72	0.00
Rich	2	130.45	16.96	0.00
DH Rich Slope SST Tem10	6	130.58	17.08	0.00
SST Prey Tem10	4	130.59	17.10	0.00
DH Depth Slope SST Tem10	6	130.76	17.26	0.00
Depth SST Tem10	4	130.76	17.26	0.00
DH Depth Rich Slope SST Tem10	7	130.79	17.30	0.00
DH Slope SST Prey Tem10	6	130.87	17.37	0.00
SST	2	130.90	17.40	0.00
DH Depth Rich	4	130.94	17.44	0.00
Depth Rich Slope Prey	5	131.15	17.65	0.00
DH Rich Slope SST	5	131.18	17.68	0.00
DH Depth Slope SST Prey Tem10	7	131.19	17.70	0.00
Rich Tem10	3	131.22	17.72	0.00
DH Slope SST Prey	5	131.23	17.73	0.00
DH Slope SST Tem10	5	131.23	17.73	0.00
DH Depth Rich SST Tem10	6	131.29	17.79	0.00
Depth Rich Prey	4	131.31	17.81	0.00
Depth Rich SST Prey Tem10	6	131.35	17.85	0.00
DH SST Tem10	4	131.37	17.87	0.00
Rich SST Prey	4	131.40	17.91	0.00
Depth Rich Slope Tem10	5	131.42	17.92	0.00
Depth SST	3	131.43	17.93	0.00
Depth Slope Prey	4	131.48	17.98	0.00
DH Slope SST	4	131.51	18.02	0.00
Rich Prey	3	131.60	18.10	0.00
DH Depth Rich Slope SST Prey	7	131.63	18.13	0.00
DH Rich SST	4	131.66	18.16	0.00
DH Depth Rich Slope	5	131.75	18.25	0.00
DH Rich Slope SST Prey Tem10	7	131.82	18.32	0.00
DH Depth Rich SST	5	131.86	18.37	0.00
DH SST Prey Tem10	5	131.90	18.41	0.00
DH Depth Rich Tem10	5	131.92	18.42	0.00
Depth Slope	3	131.93	18.43	0.00

Candidate Model	<i>k</i>	AICc	ΔAICc	w _i
DH Rich SST Prey Tem10	6	131.95	18.45	0.00
Depth Rich Prey Tem10	5	132.04	18.54	0.00
SST Prey	3	132.04	18.55	0.00
DH Depth SST Tem10	5	132.08	18.59	0.00
DH Depth SST	4	132.16	18.66	0.00
Depth	2	132.17	18.67	0.00
Rich Prey Tem10	4	132.18	18.68	0.00
Depth Rich SST Prey	5	132.23	18.73	0.00
DH Depth	3	132.28	18.78	0.00
DH Depth Slope Prey	5	132.29	18.79	0.00
Depth SST Prey Tem10	5	132.29	18.80	0.00
DH Rich Slope SST Prey	6	132.36	18.87	0.00
DH Depth Rich Slope SST Prey Tem10	8	132.40	18.90	0.00
Rich Slope	3	132.47	18.97	0.00
DH Depth Prey	4	132.50	19.00	0.00
DH Rich	3	132.55	19.05	0.00
DH SST	3	132.58	19.08	0.00
DH Depth Rich Prey	5	132.70	19.20	0.00
Depth Rich Slope Prey Tem10	6	132.88	19.38	0.00
DH Depth Rich Slope Prey	6	133.00	19.50	0.00
DH SST Prey	4	133.07	19.57	0.00
Rich Slope Prey	4	133.10	19.60	0.00
Prey	2	133.13	19.64	0.00
Depth Prey	3	133.15	19.65	0.00
DH Depth Slope	4	133.16	19.66	0.00
Depth SST Prey	4	133.16	19.67	0.00
DH Depth SST Prey Tem10	6	133.17	19.67	0.00
DH Depth Rich SST Prey Tem10	7	133.34	19.84	0.00
Rich Slope Tem10	4	133.34	19.85	0.00
DH Rich Tem10	4	133.35	19.85	0.00
DH Rich SST Prey	5	133.39	19.89	0.00
DH Rich Prey	4	133.41	19.91	0.00
DH Depth SST Prey	5	133.42	19.92	0.00
Depth Slope Prey Tem10	5	133.42	19.92	0.00
Depth Tem10	3	133.47	19.97	0.00
DH Depth Rich Slope Tem10	6	133.51	20.01	0.00
DH Prey	3	133.52	20.03	0.00
DH Depth Rich Prey Tem10	6	133.54	20.04	0.00
DH Depth Prey Tem10	5	133.59	20.09	0.00
Slope Prey	3	133.78	20.28	0.00
DH Depth Tem10	4	133.82	20.32	0.00
Prey Tem10	3	133.90	20.40	0.00
DH Depth Rich SST Prey	6	133.91	20.41	0.00
Null	1	133.92	20.42	0.00
Depth Slope Tem10	4	133.98	20.48	0.00

Candidate Model	<i>k</i>	AICc	ΔAICc	w _i
DH Rich Prey Tem10	5	134.00	20.50	0.00
Depth Prey Tem10	4	134.10	20.60	0.00
Rich Slope Prey Tem10	5	134.15	20.65	0.00
DH Depth Slope Prey Tem10	6	134.19	20.69	0.00
DH Prey Tem10	4	134.29	20.79	0.00
DH Rich Slope	4	134.60	21.10	0.00
DH Depth Rich Slope Prey Tem10	7	134.74	21.24	0.00
DH Slope Prey	4	134.95	21.45	0.00
Tem10	2	135.07	21.58	0.00
DH Rich Slope Prey	5	135.11	21.61	0.00
Slope Prey Tem10	4	135.14	21.64	0.00
DH Depth Slope Tem10	5	135.21	21.71	0.00
DH Rich Slope Tem10	5	135.50	22.01	0.00
DH	2	135.59	22.10	0.00
Slope	2	135.83	22.34	0.00
DH Rich Slope Prey Tem10	6	136.10	22.60	0.00
DH Slope Prey Tem10	5	136.15	22.65	0.00
DH Tem10	3	136.82	23.32	0.00
Slope Tem10	3	137.16	23.66	0.00
DH Slope	3	137.68	24.18	0.00
DH Slope Tem10	4	138.92	25.42	0.00

Table S2: Summary of model-selection results for models explaining the biomass density given of presence of *Ovalipes trimaculatus* relative to the predictors: depth, substrate type (Subs), slope of seabed (Slope), prey biomass (Prey), prey species richness (Rich), evenness (PIE), temperature at 10 m depth (Tem10) and SST. *k* is the number of estimated parameters. See Methods for details. Models are listed in decreasing order of importance according to w_i.

Candidate Model	<i>k</i>	AICc	ΔAICc	w _i
DH Depth SST Prey	6	52.72	0.00	0.10
Depth Prey	4	53.06	0.34	0.09
Depth SST Prey	5	53.74	1.02	0.06
DH Depth Prey	5	53.87	1.14	0.06
Depth Slope Prey	5	54.69	1.97	0.04
Subs Depth SST Prey	8	54.81	2.09	0.04
DH Depth Rich SST Prey	7	54.90	2.18	0.03
DH Depth SST Prey Tem10	7	55.51	2.79	0.03
Depth Rich Prey	5	55.59	2.87	0.02
DH Depth Slope SST Prey	7	55.63	2.91	0.02
Depth Prey Tem10	5	55.68	2.96	0.02
DH Depth Slope Prey	6	55.68	2.96	0.02
Prey	3	55.83	3.10	0.02

Candidate Model	k	AICc	Δ AICc	wi
Depth Rich SST Prey	6	56.26	3.54	0.02
DH Depth Rich Prey	6	56.39	3.67	0.02
Depth Slope SST Prey	6	56.41	3.69	0.02
Depth SST Prey Tem10	6	56.48	3.76	0.02
DH Depth Prey Tem10	6	56.60	3.88	0.01
Subs Depth Rich SST Prey	9	56.79	4.07	0.01
DH Depth SST	5	56.87	4.15	0.01
DH Subs Depth SST Prey	9	57.04	4.32	0.01
Subs Depth Slope SST Prey	9	57.22	4.50	0.01
Depth Slope Prey Tem10	6	57.35	4.63	0.01
Depth Rich Slope Prey	6	57.45	4.73	0.01
SST Prey	4	57.56	4.84	0.01
DH Depth Rich Slope SST Prey	8	57.74	5.02	0.01
Subs Depth SST Prey Tem10	9	57.77	5.05	0.01
DH Depth Rich SST Prey Tem10	8	58.01	5.29	0.01
Prey Tem10	4	58.01	5.29	0.01
Subs Depth Slope Prey	8	58.09	5.37	0.01
Null	2	58.12	5.40	0.01
DH Prey	4	58.16	5.44	0.01
Rich Prey	4	58.27	5.55	0.01
Slope Prey	4	58.29	5.57	0.01
Depth Rich Prey Tem10	6	58.37	5.65	0.01
DH Depth Slope Prey Tem10	7	58.39	5.67	0.01
DH Depth Rich Slope Prey	7	58.52	5.80	0.01
DH Depth Slope SST Prey Tem10	8	58.64	5.92	0.01
SST	3	58.76	6.04	0.01
DH Subs Depth Rich SST Prey	10	58.78	6.05	0.01
DH Depth Rich SST	6	58.83	6.11	0.00
DH	3	58.96	6.24	0.00
Subs Depth Prey	7	59.06	6.34	0.00
Depth Rich Slope SST Prey	7	59.17	6.45	0.00
Depth Rich SST Prey Tem10	7	59.21	6.49	0.00
DH Depth	4	59.26	6.54	0.00
Depth Slope SST Prey Tem10	7	59.29	6.57	0.00
Subs Depth Slope SST Prey Tem10	10	59.29	6.57	0.00
DH Depth Rich Prey Tem10	7	59.34	6.62	0.00
Slope	3	59.40	6.68	0.00
DH SST	4	59.50	6.78	0.00
DH Depth SST Tem10	6	59.65	6.93	0.00
DH Depth Slope SST	6	59.65	6.93	0.00
DH SST Prey	5	59.83	7.11	0.00
Subs Depth Rich Slope SST Prey	10	59.86	7.14	0.00
DH Subs Depth SST Prey Tem10	10	59.89	7.17	0.00
Subs Depth Slope Prey Tem10	9	59.89	7.17	0.00
SST Prey Tem10	5	59.90	7.18	0.00

Candidate Model	k	AICc	Δ AICc	wi
DH Depth Slope	5	59.93	7.21	0.00
Tem10	3	59.96	7.24	0.00
Slope SST Prey	5	60.00	7.28	0.00
Rich SST Prey	5	60.06	7.34	0.00
Depth SST	4	60.08	7.35	0.00
Subs Depth Rich SST Prey Tem10	10	60.11	7.39	0.00
Depth Slope	4	60.13	7.41	0.00
Depth	3	60.17	7.45	0.00
DH Subs Depth Slope SST Prey	10	60.22	7.49	0.00
Depth Rich Slope Prey Tem10	7	60.30	7.58	0.00
Rich	3	60.45	7.73	0.00
DH Prey Tem10	5	60.50	7.78	0.00
Rich Prey Tem10	5	60.51	7.79	0.00
Slope Prey Tem10	5	60.64	7.91	0.00
DH Rich Prey	5	60.73	8.01	0.00
SST Tem10	4	60.75	8.03	0.00
DH Slope Prey	5	60.78	8.06	0.00
Rich Slope Prey	5	60.88	8.16	0.00
DH Tem10	4	61.01	8.29	0.00
Rich SST	4	61.07	8.35	0.00
DH Slope	4	61.08	8.35	0.00
DH Depth Rich Slope SST Prey Tem10	9	61.09	8.37	0.00
Slope SST	4	61.15	8.43	0.00
DH Subs Depth SST	8	61.34	8.61	0.00
DH Rich	4	61.36	8.64	0.00
DH Subs Depth Slope Prey	9	61.36	8.64	0.00
Subs Depth Rich Slope Prey	9	61.39	8.67	0.00
Subs Depth SST	7	61.40	8.68	0.00
DH Depth Rich Slope Prey Tem10	8	61.50	8.77	0.00
Slope Tem10	4	61.58	8.86	0.00
DH Subs Depth Prey	8	61.65	8.93	0.00
DH SST Tem10	5	61.67	8.95	0.00
DH Depth Rich Slope SST	7	61.69	8.97	0.00
DH Depth Rich SST Tem10	7	61.73	9.01	0.00
DH Depth Rich	5	61.73	9.01	0.00
DH Rich SST	5	61.79	9.07	0.00
DH Depth Tem10	5	61.83	9.11	0.00
Rich Slope	4	61.87	9.15	0.00
DH Slope SST	5	61.90	9.18	0.00
Depth Slope SST	5	61.98	9.26	0.00
Subs Depth Rich Prey	8	62.02	9.30	0.00
DH Subs Depth Rich SST Prey Tem10	11	62.04	9.32	0.00
DH Slope SST Prey	6	62.06	9.33	0.00
Subs Depth Prey Tem10	8	62.21	9.48	0.00
Depth Tem10	4	62.30	9.57	0.00

Candidate Model	k	AICc	Δ AICc	wi
Depth Rich Slope SST Prey Tem10	8	62.31	9.58	0.00
DH SST Prey Tem10	6	62.33	9.61	0.00
Rich Tem10	4	62.34	9.61	0.00
Subs Depth Slope SST	8	62.35	9.63	0.00
Rich SST Prey Tem10	6	62.39	9.67	0.00
Slope SST Prey Tem10	6	62.42	9.69	0.00
DH Rich SST Prey	6	62.42	9.70	0.00
Depth Rich SST	5	62.47	9.75	0.00
DH Subs Depth Slope SST Prey Tem10	11	62.51	9.79	0.00
Depth SST Tem10	5	62.51	9.79	0.00
Rich Slope SST Prey	6	62.56	9.84	0.00
DH Subs Depth Rich Slope SST Prey	11	62.57	9.85	0.00
DH Depth Slope SST Tem10	7	62.60	9.88	0.00
Depth Rich	4	62.64	9.91	0.00
DH Depth Rich Slope	6	62.65	9.93	0.00
Subs Depth Rich Slope SST Prey Tem10	11	62.65	9.93	0.00
DH Depth Slope Tem10	6	62.67	9.95	0.00
Depth Slope Tem10	5	62.75	10.03	0.00
Depth Rich Slope	5	62.75	10.03	0.00
DH Subs Depth Rich SST	9	62.90	10.18	0.00
Rich SST Tem10	5	62.95	10.23	0.00
DH Rich Prey Tem10	6	63.13	10.41	0.00
Subs Depth Slope	7	63.22	10.49	0.00
DH Slope Prey Tem10	6	63.28	10.56	0.00
Rich Slope Prey Tem10	6	63.29	10.57	0.00
Slope SST Tem10	5	63.34	10.62	0.00
DH Subs Depth Slope Prey Tem10	10	63.38	10.65	0.00
DH Slope Tem10	5	63.38	10.66	0.00
Subs Depth Rich SST	8	63.43	10.71	0.00
DH Rich Tem10	5	63.44	10.71	0.00
Subs Depth Rich Slope Prey Tem10	10	63.48	10.76	0.00
Subs Prey	6	63.50	10.77	0.00
DH Rich Slope Prey	6	63.51	10.79	0.00
DH Rich Slope	5	63.65	10.93	0.00
Rich Slope SST	5	63.65	10.93	0.00
DH Rich SST Tem10	6	63.81	11.09	0.00
DH Subs Depth Slope SST	9	64.04	11.32	0.00
DH Rich Slope SST	6	64.04	11.32	0.00
DH Slope SST Tem10	6	64.06	11.34	0.00
Rich Slope Tem10	5	64.15	11.42	0.00
DH Depth Rich Tem10	6	64.42	11.70	0.00
DH Rich Slope SST Prey	7	64.43	11.71	0.00
Subs Depth SST Tem10	8	64.47	11.75	0.00
DH Slope SST Prey Tem10	7	64.55	11.83	0.00
DH Subs Depth SST Tem10	9	64.64	11.92	0.00

Candidate Model	k	AICc	Δ AICc	wi
DH Subs Depth Rich Prey	9	64.67	11.95	0.00
Depth Rich Slope SST	6	64.68	11.96	0.00
DH Depth Rich Slope SST Tem10	8	64.70	11.97	0.00
Depth Slope SST Tem10	6	64.72	12.00	0.00
Rich Slope SST Prey Tem10	7	64.79	12.07	0.00
Subs SST	6	64.80	12.08	0.00
Depth Rich Tem10	5	64.83	12.11	0.00
DH Subs Depth Rich Slope Prey	10	64.86	12.14	0.00
DH Rich SST Prey Tem10	7	64.88	12.16	0.00
Depth Rich SST Tem10	6	64.89	12.17	0.00
DH Subs Depth Prey Tem10	9	64.97	12.25	0.00
Subs	5	65.02	12.30	0.00
Subs Depth Rich Slope SST	9	65.12	12.40	0.00
Subs SST Prey	7	65.13	12.41	0.00
Subs Depth Slope SST Tem10	9	65.36	12.64	0.00
Subs Depth Rich Prey Tem10	9	65.38	12.66	0.00
Depth Rich Slope Tem10	6	65.53	12.81	0.00
DH Depth Rich Slope Tem10	7	65.58	12.86	0.00
DH Rich Slope SST Tem10	7	65.59	12.87	0.00
Subs Prey Tem10	7	65.68	12.95	0.00
DH Subs Depth Slope	8	65.68	12.96	0.00
Rich Slope SST Tem10	6	65.73	13.01	0.00
DH Subs Depth Rich Slope SST Prey Tem10	12	65.76	13.04	0.00
Subs Depth Slope Tem10	8	65.89	13.17	0.00
DH Rich Slope Tem10	6	66.02	13.30	0.00
DH Rich Slope Prey Tem10	7	66.06	13.34	0.00
Subs Slope	6	66.30	13.58	0.00
DH Subs Depth Rich Slope SST	10	66.32	13.60	0.00
Subs Depth Rich Slope	8	66.36	13.64	0.00
Subs Slope Prey	7	66.38	13.66	0.00
DH Subs Prey	7	66.38	13.66	0.00
DH Rich Slope SST Prey Tem10	8	66.39	13.67	0.00
Subs Rich Prey	7	66.42	13.69	0.00
DH Subs Depth Rich SST Tem10	10	66.47	13.75	0.00
Subs SST Tem10	7	66.54	13.81	0.00
Subs Tem10	6	66.56	13.84	0.00
Subs Depth Rich SST Tem10	9	66.65	13.93	0.00
DH Subs	6	66.69	13.97	0.00
Subs Depth	6	66.89	14.17	0.00
DH Subs SST	7	67.08	14.36	0.00
DH Subs Depth Rich Slope Prey Tem10	11	67.22	14.50	0.00
DH Subs Depth Slope SST Tem10	10	67.22	14.50	0.00
DH Subs Depth	7	67.26	14.54	0.00
Subs Rich SST	7	67.38	14.66	0.00
Subs SST Prey Tem10	8	67.46	14.74	0.00

Candidate Model	k	AICc	Δ AICc	wi
Depth Rich Slope SST Tem10	7	67.53	14.81	0.00
Subs Slope SST	7	67.71	14.99	0.00
Subs Rich	6	67.79	15.07	0.00
Subs Rich SST Prey	8	68.04	15.32	0.00
Subs Slope SST Prey	8	68.12	15.40	0.00
DH Subs SST Prey	8	68.19	15.46	0.00
DH Subs Depth Rich Prey Tem10	10	68.24	15.52	0.00
DH Subs Depth Slope Tem10	9	68.50	15.78	0.00
Subs Depth Rich Slope SST Tem10	10	68.53	15.81	0.00
Subs Slope Tem10	7	68.57	15.85	0.00
DH Subs Tem10	7	68.69	15.97	0.00
Subs Rich Prey Tem10	8	68.69	15.97	0.00
DH Subs Prey Tem10	8	68.79	16.07	0.00
Subs Slope Prey Tem10	8	68.82	16.10	0.00
DH Subs Slope	7	69.00	16.28	0.00
DH Subs Depth Rich Slope	9	69.01	16.28	0.00
Subs Rich SST Tem10	8	69.01	16.29	0.00
Subs Depth Tem10	7	69.01	16.29	0.00
DH Subs SST Tem10	8	69.19	16.47	0.00
Subs Depth Rich Slope Tem10	9	69.23	16.50	0.00
Subs Rich Slope	7	69.24	16.52	0.00
Subs Rich Tem10	7	69.43	16.71	0.00
DH Subs Rich Prey	8	69.47	16.75	0.00
DH Subs Slope Prey	8	69.50	16.77	0.00
Subs Rich Slope Prey	8	69.50	16.78	0.00
DH Subs Rich	7	69.54	16.82	0.00
Subs Slope SST Tem10	8	69.66	16.94	0.00
DH Subs Rich SST	8	69.70	16.98	0.00
Subs Depth Rich	7	69.84	17.12	0.00
DH Subs Depth Rich Slope SST Tem10	11	70.03	17.31	0.00
DH Subs Slope SST	8	70.16	17.44	0.00
DH Subs Depth Tem10	8	70.19	17.46	0.00
DH Subs Depth Rich	8	70.23	17.51	0.00
Subs Rich SST Prey Tem10	9	70.35	17.63	0.00
Subs Slope SST Prey Tem10	9	70.36	17.63	0.00
Subs Rich Slope SST	8	70.52	17.80	0.00
DH Subs SST Prey Tem10	9	70.77	18.05	0.00
Subs Rich Slope SST Prey	9	71.15	18.43	0.00
DH Subs Slope SST Prey	9	71.21	18.49	0.00
DH Subs Rich SST Prey	9	71.24	18.52	0.00
DH Subs Slope Tem10	8	71.46	18.73	0.00
DH Subs Rich Tem10	8	71.62	18.90	0.00
Subs Rich Slope Tem10	8	71.65	18.93	0.00
DH Subs Rich SST Tem10	9	71.71	18.99	0.00
DH Subs Rich Prey Tem10	9	71.99	19.27	0.00

Candidate Model	k	AICc	Δ AICc	wi
Subs Rich Slope Prey Tem10	9	72.05	19.33	0.00
DH Subs Depth Rich Slope Tem10	10	72.09	19.37	0.00
DH Subs Rich Slope	8	72.09	19.37	0.00
Subs Depth Rich Tem10	8	72.11	19.39	0.00
DH Subs Slope Prey Tem10	9	72.15	19.43	0.00
Subs Rich Slope SST Tem10	9	72.21	19.49	0.00
DH Subs Slope SST Tem10	9	72.24	19.52	0.00
DH Subs Rich Slope SST	9	72.79	20.07	0.00
DH Subs Rich Slope Prey	9	72.80	20.08	0.00
Subs Rich Slope SST Prey Tem10	10	73.12	20.39	0.00
DH Subs Depth Rich Tem10	9	73.32	20.60	0.00
DH Subs Slope SST Prey Tem10	10	73.66	20.94	0.00
DH Subs Rich SST Prey Tem10	10	73.82	21.10	0.00
DH Subs Rich Slope SST Prey	10	74.21	21.48	0.00
DH Subs Rich Slope SST Tem10	10	74.28	21.56	0.00
DH Subs Rich Slope Tem10	9	74.66	21.94	0.00
DH Subs Rich Slope Prey Tem10	10	75.57	22.85	0.00
DH Subs Rich Slope SST Prey Tem10	11	76.16	23.44	0.00