

*The following supplement accompanies the article*

## **Tracing the steps of the Critically Endangered smalltooth sawfish *Pristis pectinata* at its southernmost distribution in the Southwest Atlantic Ocean**

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### **Supplement**

**Text S1.** Questionnaire and photograph used in interviews with frozen seafood companies, scientists, anglers, and artisanal fishers from Argentina and Uruguay.

1. Date:
2. Name and gender:
3. Country:
4. Institution/fishing sites/address:
5. How many years have you been fishing/researching?
6. Have you ever seen/caught a sawfish or a rostrum?
  - 6.1. No.
  - 6.2. I don't know the fish. In cases where anglers were unfamiliar with this species, we used photographs of *Pristis pectinata* from other countries.
  - 6.3. Yes.
    - 6.3.1. When and where did you see/catch it?
    - 6.3.2. What was the total length and/or weight of your capture?
    - 6.3.3. Do you have any photos, rostra and/or teeth of your capture?

**Photograph of *P. pectinata* used during interviews. Credit: FossilSawfish.com**



**Table S1.** Winter bottom trawl surveys detailed information.

Season	Year	Hauls	Latitude S		Longitude W		Depth		Bottom temperature		Bottom salinity		Swept area (nm <sup>2</sup> )	
			min	max	min	max	min	max	min	max	min	max	total	mean
Winter	1984	75	34.39	39.23	52.14	58.03	57	236	-	-	-	-	1.59	0.02
	1985	82	33.55	38.52	53.05	59.15	4	51	-	-	-	-	1.92	0.02
	1987	55	33.48	35.58	52.43	56.36	3	65	-	-	-	-	1.26	0.02
	1988	77	34.22	39.29	52.27	58.56	43	300	-	-	-	-	1.78	0.02
	1989	80	34.34	39.28	52.12	58.06	47	286	-	-	-	-	1.83	0.02
	1991	94	34.02	39	52.52	59	3.7	61	-	-	-	-	2.44	0.02
	1993	102	33.53	38.53	52.54	59.12	3	74	8.94	13.42	1.31	33.97	1.46	0.01
	1994	186	34.31	39.25	52.11	58.08	4	368	5	12.12	3.15	34.21	3.79	0.02
	1995	116	33.52	37.15	52.1	57.02	6	232	5.5	12.6	0.07	34.22	1.91	0.02
	1996	135	34.55	39.24	52.25	58.04	3	363	4.58	15.7	0.07	35.41	2.26	0.02
	1997	46	34.55	36.01	55.17	57.13	3	19	11.5	18.2	3.5	23.5	0.91	0.02
	1998	45	34.56	36.1	54.49	57.03	3	21	11.58	16.3	0.04	31.08	0.88	0.02
	1999	75	34.43	39.08	52.5	57.11	2	285	4.7	13.82	0.08	34.2	0.9	0.01
	2000	54	33.52	36.16	53.09	57.03	3	37	8.21	14.88	0.07	33.95	0.55	0.01
	2001	68	34.01	37.56	53.09	57.11	3	53	10.14	15.61	0.73	33.93	0.66	0.01
	2002	57	34.11	37.08	53.09	57.11	3	40	9.4	11.78	0.08	33.87	0.54	0.01
	2004	94	34.08	38.54	52.46	59.15	3	63	9.28	13.06	5.64	34.15	0.91	0.01
	2005	198	34.00	39.21	52.13	58.03	4	253	5.67	16.38	32.89	34.53	4.91	0.02
	2006	129	34.04	38.55	52.24	58.49	3	223	6.56	16.62	2.41	35.83	1.81	0.01
	2011	45	35.37	37.31	53.2	55.22	50.7	275	-	-	-	-	1.29	0.03
2012	52	34.34	37.34	52.17	55.23	51	303	4.46	14.17	33.47	35.4	1.52	0.03	
2013	40	34.08	36.18	52.05	54.51	17.4	110.7	7.79	11.64	32.99	34.16	1.17	0.03	

**Table S2.**

Autumn bottom trawl surveys detailed information.

Season	Year	Hauls	Latitude S		Longitude W		Depth		Bottom temperature		Bottom salinity		Swept area (nm <sup>2</sup> )	
			min	max	min	max	min	max	min	max	min	max	total	mean
Autumn	1983	56	34.16	37.26	53.25	57.07	4	36	15.05	20.37	0.15	33.53	1.17	0.02
	1984	73	34.38	39.19	50	58.15	55	420	-	-	-	-	1.59	0.02
	1985	79	34.29	39.32	52.25	57.44	50	238	-	-	-	-	1.69	0.02
	1988	74	34.33	39.27	52.14	58.07	25	267	-	-	-	-	1.7	0.02
	1991	59	33.58	36.1	52.52	57.1	4	62	-	-	-	-	1.38	0.02
	1994	74	34.30	39.17	52.11	58.08	51	398	5.31	15.88	33.52	34.54	1.82	0.02
	1995	79	34.29	39.17	52.1	58.08	50	324	4.9	20.4	33.59	36.06	2.03	0.02
	1997	53	35.11	39.25	52.39	56.3	48	411	6.16	14.38	33.58	34.02	0.44	0.01
	1998	115	34.41	39.25	52.38	58.02	3	391	6.19	24.71	0.05	32.57	2.02	0.02
	1999	37	35.36	38.59	52.51	58.05	47.7	232.4	8.1	18.1	32.9	35.9	1.08	0.03
	2000	90	34.16	39.06	53.09	57.47	3	211	6.98	23.14	19.89	35.14	1.65	0.02
	2001	133	33.58	39.26	52.43	57.13	3	380	14.38	24.9	12.57	33.69	2.86	0.02
	2002	30	34.51	36.09	54.41	57.04	3.9	32	-	-	-	-	0.79	0.03
	2003	68	35.02	39.11	52.3	57.37	49	176	-	-	-	-	1.41	0.02
	2006	133	33.58	38.04	52.24	57.04	3.9	233.5	5.05	19.27	0.16	35.91	3.81	0.03
	2007	80	34.34	39.18	52.22	58.08	55	299.8	5.06	18.2	33.49	35.71	2.32	0.03
	2008	91	34.35	39.27	52.27	57.44	52.6	341	5.32	17.52	33.38	34.94	2.66	0.03
	2009	59	34.05	36	52.58	57.03	3.8	47	12.49	15.41	12.3	33.87	1.72	0.03
	2010	52	35.03	37.47	52.32	55.49	49.8	219.3	5.99	17.45	33.44	35.65	1.5	0.03
	2011	212	34.04	39.07	52.3	59.08	3	271	6.14	22.56	0.55	35.78	5.12	0.02

**Table S3.**

Summer bottom trawl surveys detailed information.

Season	Year	Hauls	Latitude S		Longitude W		Depth		Bottom temperature		Bottom salinity		Swept area (nm <sup>2</sup> )	
			min	max	min	max	min	max	min	max	min	max	total	mean
Summer	1983	45	33.51	37.56	53.06	57.28	6	36	12.16	22.42	4.83	33.42	0.93	0.02
	1984	61	34.35	39.25	52.22	56.49	80.5	225	-	-	-	-	1.22	0.02
	1985	74	33.55	36.1	52.44	56.59	4	61	-	-	-	-	1.54	0.02
	1986	80	34.01	38.45	53.07	58.32	3.6	60	-	-	-	-	1.75	0.02
	1988	153	33.56	39.26	52.22	58.15	5	258	-	-	-	-	3.49	0.02
	1994	63	35.06	37.54	52.25	56.2	50	323	5.11	14.35	33.5	35.15	0.98	0.01
	1995	216	33.55	38.24	52.11	57.32	4	265	4.29	23.8	0.06	35.83	5.51	0.025
	1996	139	34.02	37.54	52.21	57.01	3	232	4.9	22.57	1.23	35.66	2.46	0.02
	1997	75	34.39	37.27	52.25	55.1	47	220	5	21.54	33.6	35.6	1.81	0.02
	1998	187	33.51	39.15	52.14	58.52	3	310	4.63	21.74	0.07	35.48	3.62	0.02
	1999	126	34.11	37.53	52.38	56.47	5	254	5.2	22.76	16.51	35.5	1.99	0.015
	2000	41	35.05	37.26	52.29	55.34	51	200	-	-	-	-	0.91	0.02
	2001	43	34.3	38.51	52.13	57.25	60	226	6.44	17.68	33.64	35.08	1.09	0.02
	2003	79	34.08	38.56	52.46	59.15	3	60	12.2	20.05	0.15	33.87	0.73	0.01
	2007	122	34	39.15	52.22	57.04	4.4	246	19.54	23.79	10.36	33.73	3.52	0.03
	2009	96	34.33	39.25	52.15	57.48	53.2	323.1	5.00	17.45	33.47	35.76	2.76	0.03
	2010	84	34.02	37.19	52.42	57.01	4	45	15.55	22.04	12.24	33.49	2.02	0.02
	2012	29	34.45	37.19	52.21	56.55	9	297	15.46	19.2	27.4	33.6	0.51	0.02
	2013	84	34.11	39.06	53.09	59.08	2	55	11.2	23.97	10.47	33.94	1.48	0.02

**Table S4.**

Spring bottom trawl surveys detailed information.

Season	Year	Hauls	Latitude S		Longitude W		Depth		Bottom temperature		Bottom salinity		Swept area (nm <sup>2</sup> )	
			min	max	min	max	min	max	min	max	min	max	total	mean
Spring	1981	47	35.05	38.53	54	59.07	4	46	10.9	14.78	17.84	33.7	0.97	0.02
	1984	147	33.58	39.21	52.2	58.05	4	290	-	-	-	-	3.42	0.02
	1985	85	34.54	39.27	52.32	58.06	55.5	248	-	-	-	-	1.85	0.02
	1987	84	34.24	39.28	52.2	58.22	47	254	-	-	-	-	1.79	0.02
	1991	94	33.58	39.08	52.43	59.04	3.2	63	-	-	-	-	2.25	0.02
	1992	95	33.48	38.59	52.52	58.57	3.5	64	10	17.5	3.35	33.1	2.29	0.02
	1993	156	33.54	39.25	52.12	58.06	4	355	4.46	19.64	0.05	34.06	3.66	0.02
	1994	200	33.54	38.59	52.48	59.12	3	67	11	21.83	0.07	33.83	3.45	0.02
	1995	156	33.55	38.56	52.47	59.14	3	59	9.31	21.79	0.06	34.11	2.46	0.01
	1996	151	34.48	38.49	52.32	59.11	3	214	4.9	20.63	0.07	35.49	2.61	0.02
	1997	152	34.36	39.23	52.24	58.05	3	370	4.86	19.69	0.04	34.2	3.27	0.02
	1998	12	35.38	36.1	56.36	57.16	2	13	13.73	17.67	12.8	25.8	0.39	0.03
	1999	169	33.52	39.23	52.25	58.53	3	332	4.95	19.72	8.91	34.83	2.67	0.01
	2000	122	34.49	39.24	52.24	58.05	49	363	4.37	11.04	33.56	34.24	2.96	0.02
	2001	162	33.59	39.23	52.24	58.05	3	353	4.85	21.16	4.02	35.7	3.93	0.02
	2002	57	33.58	36	52.51	57.04	3.7	60	12.39	23.01	0.04	33.3	1.48	0.02
	2003	112	34.46	39.23	52.24	58.07	19	306	4.78	16.42	31.31	34.09	2.49	0.02
	2004	60	34.45	39.23	52.24	58.03	48	235	5.5	10.56	33.45	34.00	1.25	0.02
	2005	153	33.53	38.56	52.11	58.54	2	225	9.86	21.56	6.76	34.1	2.43	0.01
	2006	198	33.59	39.24	52.23	58.03	4	250	5.95	24.11	1.7	36.16	5.25	0.03
	2007	142	34	39.26	52.15	58.02	3	237	6.47	21.73	3.53	34.79	3.72	0.03
	2008	213	34.02	39.23	52.16	59.11	3	334	11.63	22.46	9.94	34.09	4.7	0.02
	2009	54	35.01	37.55	52.3	56.08	52.4	296	4.77	15.69	33.52	35.53	1.34	0.02
	2011	142	34.02	39.22	52.22	58.04	4	313	10.08	21.2	12.55	33.68	3.54	0.02
	2012	147	34.05	39.2	52.35	58.34	4	319	9.45	21.51	7.66	33.66	3.72	0.02
	2013	31	34.36	36.58	52.24	54.5	16.8	311	5.47	11.91	33.62	34.36	0.85	0.03
	2015	133	34.14	38.04	52.09	57.19	4	305	6.76	20.80	0.50	35.80	3.56	0.03