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Greek biology students' knowledge and perceptions of Natura 2000 protected areas

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Mediterranean Marine Science, 26 (1) 2025

Table S1. Cross-tabulation analysis of the scientific interest of the participants and the awareness of the European Ecological Network of Natura 2000 protected areas.

[1. Molecular/Cell biology or Genetics or Biochemistry 2. Didactics 3. Ecology or Zoology or Botany 4. Other]

		I have heard of the Natura 2000 network and know what it is	I have heard of it but do not know what it is	I have never heard of the Natura 2000 network	Don't know	Total
Scientific Interest	Count	47	133	61	0	241
	1 % within Interest	19.50%	55.20%	25.30%	0.00%	100.00%
	% of Total	10.90%	30.90%	14.20%	0.00%	56.00%
	Count	2	7	1	1	11
	2 % within Interest	18.20%	63.60%	9.10%	9.10%	100.00%
	% of Total	0.50%	1.60%	0.20%	0.20%	2.60%
	Count	91	35	13	0	139
	3 % within Interest	65.50%	25.20%	9.40%	0.00%	100.00%
	% of Total	21.20%	8.10%	3.00%	0.00%	32.30%
	Count	7	20	11	1	39
	4 % within Interest	17.90%	51.30%	28.20%	2.60%	100.00%
	% of Total	1.60%	4.70%	2.60%	0.20%	9.10%
	Total	Count	147	195	86	2
% of Total	34.20%	45.30%	20.00%	0.50%	100.00%	

Table S2. Cross-tabulation analysis of the scientific interest of the participants and the proportion of land area and marine territory of Greece covered by Natura 2000 network.

[1. Molecular/Cell biology or Genetics or Biochemistry 2. Didactics 3. Ecology or Zoology or Botany 4. Other]

		<20%	20-50%	> 50%	Don't know	Total	
Scientific Interest	1	Count	40	57	10	132	239
		% within Interest	16.70%	23.80%	4.20%	55.20%	100.00%
		% of Total	9.30%	13.30%	2.30%	30.80%	55.80%
	2	Count	2	1	1	7	11
		% within Interest	18.20%	9.10%	9.10%	63.60%	100.00%
		% of Total	0.50%	0.20%	0.20%	1.60%	2.60%
	3	Count	41	46	8	44	139
		% within Interest	29.50%	33.10%	5.80%	31.70%	100.00%
		% of Total	9.60%	10.70%	1.90%	10.30%	32.50%
	4	Count	7	8	1	23	39
		% within Interest	17.90%	20.50%	2.60%	59.00%	100.00%
		% of Total	1.60%	1.90%	0.20%	5.40%	9.10%
Total	Count	90	112	20	206	428	
	% of Total	21.00%	26.20%	4.70%	48.10%	100.00%	

Table S3. Cross-tabulation analysis of the scientific interest of the participants and the protected areas that form the Natura 2000 network.

[1. Molecular/Cell biology or Genetics or Biochemistry 2. Didactics 3. Ecology or Zoology or Botany 4. Other]

		SPA, SAC	SPA	SAC	Don't know	Total	
Scientific Interest	1	Count	109	6	2	122	239
		% within Interest	45.60%	2.50%	0.80%	51.00%	100.00%
		% of Total	25.50%	1.40%	0.50%	28.50%	55.80%
	2	Count	5	2	0	4	11
		% within Interest	45.50%	18.20%	0.00%	36.40%	100.00%
		% of Total	1.20%	0.50%	0.00%	0.90%	2.60%
	3	Count	97	1	0	41	139
		% within Interest	69.80%	0.70%	0.00%	29.50%	100.00%
		% of Total	22.70%	0.20%	0.00%	9.60%	32.50%
	4	Count	13	0	2	24	39
		% within Interest	33.30%	0.00%	5.10%	61.50%	100.00%
		% of Total	3.00%	0.00%	0.50%	5.60%	9.10%
Total	Count	224	9	4	191	428	
	% of Total	52.30%	2.10%	0.90%	44.60%	100.00%	

Table S4. Cross-tabulation analysis of the scientific interest of the participants and the level of agreement on the establishment of a new Natura 2000 protected area in the participants' area of residence.

		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Total	
Scientific Interest	1	Count	2	1	25	93	120	241
		% within Interest	0.80%	0.40%	10.40%	38.60%	49.80%	100.00%
		% of Total	0.50%	0.20%	5.80%	21.60%	27.90%	56.00%
	2	Count	0	1	5	4	1	11
		% within Interest	0.00%	9.10%	45.50%	36.40%	9.10%	100.00%
		% of Total	0.00%	0.20%	1.20%	0.90%	0.20%	2.60%
	3	Count	0	2	12	40	85	139
		% within Interest	0.00%	1.40%	8.60%	28.80%	61.20%	100.00%
		% of Total	0.00%	0.50%	2.80%	9.30%	19.80%	32.30%
	4	Count	0	0	4	19	16	39
		% within Interest	0.00%	0.00%	10.30%	48.70%	41.00%	100.00%
		% of Total	0.00%	0.00%	0.90%	4.40%	3.70%	9.10%
Total	Count	2	4	46	156	222	430	
	% of Total	0.50%	0.90%	10.70%	36.30%	51.60%	100.00%	

Table S5. Cross-tabulation analysis of the academic year of the participants and the awareness of the European Ecological Network of Natura 2000 protected areas.

		I have heard of the Natura 2000 network and know what it is	I have heard of it but do not know what it is	I have never heard of the Natura 2000 network	Don't know	Total	
Academic year	1	Count	32	112	62	1	207
		% within Year	15.50%	54.10%	30.00%	0.50%	100.00%
		% of Total	7.40%	25.90%	14.40%	0.20%	47.90%
	2	Count	5	12	8	0	25
		% within Year	20.00%	48.00%	32.00%	0.00%	100.00%
		% of Total	1.20%	2.80%	1.90%	0.00%	5.80%
	3	Count	36	30	7	0	73
		% within Year	49.30%	41.10%	9.60%	0.00%	100.00%
		% of Total	8.30%	6.90%	1.60%	0.00%	16.90%
	4	Count	62	15	2	1	80
		% within Year	77.50%	18.80%	2.50%	1.30%	100.00%
		% of Total	14.40%	3.50%	0.50%	0.20%	18.50%
	5	Count	13	26	8	0	47
		% within Year	27.70%	55.30%	17.00%	0.00%	100.00%
		% of Total	3.00%	6.00%	1.90%	0.00%	10.90%
Total	Count	148	195	87	2	432	
	% of Total	34.30%	45.10%	20.10%	0.50%	100.00%	

Table S6. Cross-tabulation analysis of the academic year of the participants and the proportion of land area and marine territory of Greece covered by Natura 2000 network.

		<20%	20-50%	> 50%	Don't know	Total	
Academic year	1	Count	30	42	9	123	204
		% within Year	14.70%	20.60%	4.40%	60.30%	100.00%
		% of Total	7.00%	9.80%	2.10%	28.60%	47.40%
	2	Count	8	6	0	11	25
		% within Year	32.00%	24.00%	0.00%	44.00%	100.00%
		% of Total	1.90%	1.40%	0.00%	2.60%	5.80%
	3	Count	21	22	3	28	74
		% within Year	28.40%	29.70%	4.10%	37.80%	100.00%
		% of Total	4.90%	5.10%	0.70%	6.50%	17.20%
	4	Count	20	30	3	27	80
		% within Year	25.00%	37.50%	3.80%	33.80%	100.00%
		% of Total	4.70%	7.00%	0.70%	6.30%	18.60%
	5	Count	11	12	5	19	47
		% within Year	23.40%	25.50%	10.60%	40.40%	100.00%
		% of Total	2.60%	2.80%	1.20%	4.40%	10.90%
Total	Count	90	112	20	208	430	
	% of Total	20.90%	26.00%	4.70%	48.40%	100.00%	

Table S7. Cross-tabulation analysis of the academic year of the participants and the protected areas that form the Natura 2000 network.

		SPA, SAC	SPA	SAC	Don't know	Total	
Academic year	1	Count	91	4	2	108	205
		% within Year	44.40%	2.00%	1.00%	52.70%	100.00%
		% of Total	21.20%	0.90%	0.50%	25.10%	47.70%
	2	Count	15	0	0	10	25
		% within Year	60.00%	0.00%	0.00%	40.00%	100.00%
		% of Total	3.50%	0.00%	0.00%	2.30%	5.80%
	3	Count	42	0	1	31	74
		% within Year	56.80%	0.00%	1.40%	41.90%	100.00%
		% of Total	9.80%	0.00%	0.20%	7.20%	17.20%
	4	Count	54	2	0	24	80
		% within Year	67.50%	2.50%	0.00%	30.00%	100.00%
		% of Total	12.60%	0.50%	0.00%	5.60%	18.60%
	5	Count	23	3	1	19	46
		% within Year	50.00%	6.50%	2.20%	41.30%	100.00%
		% of Total	5.30%	0.70%	0.20%	4.40%	10.70%
Total	Count	225	225	9	4	192	
	% of Total	52.30%	52.30%	2.10%	0.90%	44.70%	

Table S8. Cross-tabulation analysis of the academic year of the participants and the level of agreement on the establishment of a new Natura 2000 protected area in the participants' area of residence.

		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Total	
Academic year	1	Count	0	0	22	80	104	206
		% within Year	0.00%	0.00%	10.70%	38.80%	50.50%	100.00%
		% of Total	0.00%	0.00%	5.10%	18.50%	24.10%	47.70%
	2	Count	1	0	1	8	15	25
		% within Year	4.00%	0.00%	4.00%	32.00%	60.00%	100.00%
		% of Total	0.20%	0.00%	0.20%	1.90%	3.50%	5.80%
	3	Count	0	2	5	22	45	74
		% within Year	0.00%	2.70%	6.80%	29.70%	60.80%	100.00%
		% of Total	0.00%	0.50%	1.20%	5.10%	10.40%	17.10%
	4	Count	1	1	9	24	45	80
		% within Year	1.30%	1.30%	11.30%	30.00%	56.30%	100.00%
		% of Total	0.20%	0.20%	2.10%	5.60%	10.40%	18.50%
	5	Count	0	1	9	23	14	47
		% within Year	0.00%	2.10%	19.10%	48.90%	29.80%	100.00%
		% of Total	0.00%	0.20%	2.10%	5.30%	3.20%	10.90%
Total	Count	2	4	46	157	223	432	
	% of Total	0.50%	0.90%	10.60%	36.30%	51.60%	100.00%	

Table S9. Cross-tabulation analysis of the academic year of the participants and the means of finance "Payment from users & purchase of local products".

		Strongly disagree	Disagree	Neutral	Agree	Strongly agree	
Academic year	1	Count	21	46	48	68	18
		% within Year	10.40%	22.90%	23.90%	33.80%	9.00%
		% of Total	5.00%	10.90%	11.40%	16.10%	4.30%
	2	Count	2	5	7	9	1
		% within Year	8.30%	20.80%	29.20%	37.50%	4.20%
		% of Total	0.50%	1.20%	1.70%	2.10%	0.20%
	3	Count	9	17	10	26	10
		% within Year	12.50%	23.60%	13.90%	36.10%	13.90%
		% of Total	2.10%	4.00%	2.40%	6.20%	2.40%
	4	Count	18	24	15	13	10
		% within Year	22.50%	30.00%	18.80%	16.30%	12.50%
		% of Total	4.30%	5.70%	3.60%	3.10%	2.40%
	5	Count	3	14	14	10	4
		% within Year	6.70%	31.10%	31.10%	22.20%	8.90%
		% of Total	0.70%	3.30%	3.30%	2.40%	0.90%
Total	Count	53	106	94	126	43	
	% of Total	12.60%	25.10%	22.30%	29.90%	10.20%	

Table S10. Cross-tabulation analysis of the department of the participants and the awareness of the European Ecological Network of Natura 2000 protected areas.

		I have heard of the Natura 2000 network and know what it is	I have heard of it but do not know what it is	I have never heard of the Natura 2000 network	Don't know	Total	
Department of study	Crete	Count	10	23	12	0	45
		% within Department	22.20%	51.10%	26.70%	0.00%	100.00%
		% of Total	2.30%	5.30%	2.80%	0.00%	10.40%
	Patras	Count	21	18	8	0	47
		% within Department	44.70%	38.30%	17.00%	0.00%	100.00%
		% of Total	4.90%	4.20%	1.90%	0.00%	10.90%
	UOI	Count	32	16	18	0	66
		% within Department	48.50%	24.20%	27.30%	0.00%	100.00%
		% of Total	7.40%	3.70%	4.20%	0.00%	15.30%
	UOA	Count	67	113	39	2	221
		% within Department	30.30%	51.10%	17.60%	0.90%	100.00%
		% of Total	15.50%	26.20%	9.00%	0.50%	51.20%
	AUTH	Count	18	25	10	0	53
		% within Department	34.00%	47.20%	18.90%	0.00%	100.00%
		% of Total	4.20%	5.80%	2.30%	0.00%	12.30%
	Total	Count	148	195	87	2	432
		% of Total	34.30%	45.10%	20.10%	0.50%	100.00%