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

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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
		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%
tt.		Count	2	7	1	1	11
teres	2	% within Interest	18.20%	63.60%	9.10%	9.10%	100.00%
Scientific Interest		% of Total	0.50%	1.60%	0.20%	0.20%	2.60%
ntifi		Count	91	35	13	0	139
scier	3	% within Interest	65.50%	25.20%	9.40%	0.00%	100.00%
<b>U</b>		% of Total	21.20%	8.10%	3.00%	0.00%	32.30%
	4	Count	7	20	11	1	39
	4	% within Interest	17.90%	51.30%	28.20%	2.60%	241 100.00% 56.00% 11 100.00% 2.60% 139 100.00% 32.30%
		% of Total	1.60%	4.70%	2.60%	0.20%	9.10%
Tota	al	Count	147	195	86	2	430
% of T	otal	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.

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

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

**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
		Count	109	6	2	122	239
	1	% within In- terest	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
Scientific Interest		% within In- terest	45.50%	18.20%	0.00%	36.40%	100.00%
		% of Total	1.20%	0.50%	0.00%	0.90%	2.60%
ntific		Count	97	1	0	41	139
Scier	3	% within In- terest	69.80%	0.70%	0.00%	29.50%	100.00%
		% of Total	22.70%	0.20%	0.00%	9.60%	32.50%
		Count	13	0	2	24	39
	4	% within In- terest	33.30%	0.00%	5.10%	61.50%	100.00%
		% of Total	3.00%	0.00%	0.50%	5.60%	9.10%
Tot	al	Count	224	9	4	191	428
% of 7	Fotal	52.30%	2.10%	0.90%	44.60%	100.00%	

			Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Total
		Count	2	1	25	93	120	241
	1	% 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%
		Count	0	1	5	4	1	11
Scientific Interest	2	% within Interest	0.00%	9.10%	45.50%	36.40%	9.10%	100.00%
c Inte		% of Total	0.00%	0.20%	1.20%	0.90%	0.20%	2.60%
ntific		Count	0	2	12	40	85	139
Scie	3	% 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%
		Count	0	0	4	19	16	39
	4	% 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%
Tota	al	Count	2	4	46	156	222	430
% of T	Fotal	0.50%	0.90%	10.70%	36.30%	51.60%	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.

**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
		Count	32	112	62	1	207
	1	% within Year	15.50%	54.10%	30.00%	0.50%	100.00%
		% of Total	7.40%	25.90%	14.40%	0.20%	47.90%
		Count	5	12	8	0	25
	2	% within Year	20.00%	48.00%	32.00%	0.00%	100.00%
ц		% of Total	1.20%	2.80%	1.90%	0.00%	5.80%
Academic year		Count	36	30	7	0	73
mic	3	% within Year	49.30%	41.10%	9.60%	0.00%	100.00%
cade		% of Total	8.30%	6.90%	1.60%	0.00%	16.90%
Ac		Count	62	15	2	1	80
	4	% 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
	5	% within Year	27.70%	55.30%	17.00%	0.00%	100.00%
		% of Total	3.00%	6.00%	1.90%	0.00%	10.90%
Tot	al	Count	148	195	87	2	432
% of ]	Total	34.30%	45.10%	20.10%	0.50%	100.00%	

			<20%	20-50%	> 50%	Don't know	Total
		Count	30	42	9	123	204
	1	% within Year	14.70%	20.60%	4.40%	60.30%	100.00%
		% of Total	7.00%	9.80%	2.10%	28.60%	
		Count	8	6	0	11	25
	2	% within Year	32.00%	24.00%	0.00%	44.00%	100.00%
ar		% of Total	1.90%	1.40%	0.00%	2.60%	5.80%
Academic year		Count	21	22	3	28	74
emi	3	% within Year	28.40%	29.70%	4.10%	37.80%	100.00%
cad		% of Total	4.90%	5.10%	0.70%	6.50%	17.20%
₹ -		Count	20	30	3	27	80
	4	% within Year	25.00%	37.50%	3.80%	33.80%	100.00%
		% of Total	4.70%	7.00%	0.70%	6.30%	18.60%
_		Count	11	12	5	19	47
	5	% 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 To	otal	20.90%	26.00%	4.70%	48.40%	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.

**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
		Count	91	4	2	108	205
	1	% within Year	44.40%	2.00%	1.00%	52.70%	100.00%
		% of Total	21.20%	0.90%	0.50%	25.10%	47.70%
		Count	15	0	0	10	25
	2	% within Year	60.00%	0.00%	0.00%	40.00%	100.00%
5		% of Total	3.50%	0.00%	0.00%	2.30%	5.80%
Academic year		Count	42	0	1	31	74
smic	3	% within Year	56.80%	0.00%	1.40%	41.90%	100.00%
cade		% of Total	9.80%	0.00%	0.20%	7.20%	17.20%
A –		Count	54	2	0	24	80
	4	% within Year	67.50%	2.50%	0.00%	30.00%	100.00%
		% of Total	12.60%	0.50%	0.00%	5.60%	18.60%
		Count	23	3	1	19	46
	5	% 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%	

			Strongly disagree	Disagree	Neutral	Agree	Strongly agree	Total
		Count	0	0	22	80	104	206
	1	% 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%
		Count	1	0	1	8	15	25
	2	% 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%
Academic year		Count	0	2	5	22	45	74
	3	% within Year	0.00%	2.70%	6.80%	29.70%	60.80%	100.00%
vcad		% of Total	0.00%	0.50%	1.20%	5.10%	10.40%	17.10%
₹,		Count	1	1	9	24	45	80
	4	% 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%	17.10% 80
		Count	0	1	9	23	14	47
	5	% 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%
Tot	al	Count	2	4	46	157	223	432
% of 7	Total	0.50%	0.90%	10.60%	36.30%	51.60%	100.00%	

**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.

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

			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
		Count	10	23	12	0	45
	Crete	% within De- partment	22.20%	51.10%	26.70%	0.00%	100.00%
		% of Total	2.30%	5.30%	2.80%	0.00%	10.40%
		Count	21	18	8	0	47
	Patras	% within De- partment	44.70%	38.30%	17.00%	0.00%	45 100.00% 10.40% 47 100.00% 10.90% 66 100.00% 15.30% 221 100.00% 51.20% 53 100.00% 12.30%
ıdy		% of Total	4.90%	4.20%	1.90%	0.00%	10.90%
fstu		Count	32	16	18	0	66
Department of study	UOI	% within De- partment	48.50%	24.20%	27.30%	0.00%	100.00%
part		% of Total	7.40%	3.70%	4.20%	0.00%	15.30%
De		Count	67	113	39	2	221
	UOA	% within De- partment	30.30%	51.10%	17.60%	0.90%	100.00%
		% of Total	15.50%	26.20%	9.00%	0.50%	51.20%
		Count	18	25	10	0	53
	AUTH	% within De- partment	34.00%	47.20%	18.90%	0.00%	100.00%
		% of Total	4.20%	5.80%	2.30%	0.00%	12.30%
-	Fotal	Count	148	195	87	2	432
%	of Total	34.30%	45.10%	20.10%	0.50%	100.00%	

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