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Corrigendum to
“A quantitative approach to ecology study for
scientific learning in the lower secondary school”

ABSTRACT

We here report the missing Appendices III and IV to the paper “A quantitative approach to an ecological study for scientific learning in the lower secondary school”, authored by Cortese (2021), providing integrative information, together with a correct list of Keywords and Parole chiave.

Keywords: quantitative study, ecology, ichthyology, Piedmont, watercourse, Corrigendum.

The paper “A quantitative approach to ecology study for scientific learning in the lower secondary school” authored by A. Cortese and published on Bollettino del Museo Regionale di Scienze Naturali 38 (Cortese, 2021) unfortunately missed two tables, respectively Tabs. III and IV. Here we report them at integration of the paper. Furthermore, a correct list of Keywords and Parole chiave is here provided.

RIASSUNTO

Corrigendum all'articolo “A quantitative approach to the ecology study for scientific learning in the lower secondary school”

Vengono riportate le Appendici III e IV (Tab./Table III e Tab./Table IV) mancanti nell'articolo “A quantitative approach to an ecological study for scientific learning in the lower secondary school” pubblicato da Cortese (2021), insieme a una lista corretta di Keywords e Parole chiave.

Parole chiave: studio quantitativo, ecologia, ittiologia, Piemonte, Fiume, Corrigendum.

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REFERENCES

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APPENDIX III

Results (theoretical and conceptual elements)

PUPILS' NUMBER	EXACT TEST NUMBER/18 TOTAL	PERCENTAGE (X%) CORRECT ANSWERS/18 TOTAL	PERCENTAGE ERROR (100 - X%)
1	18/18	100%	0%
5	16/18	89%	11%
2	15/18	83%	17%
4	14/18	78%	22%
1	13/18	72%	28%
2	12/18	67%	33%
TOTAL 15		MEAN 81.99	MEAN 18.01

T N	ABSOLUTE FREQUENCY				n	RELATIVE PERCENTAGE ERROR RATE
	ANSWER A	ANSWER B	ANSWER C	NO ANSWER		(n/N)
1	0	15	0	0	0	0.0%
2	15	0	0	0	0	0.0%
3	15	0	0	0	0	0.0%
4	12	2	1	0	3	2.00%
5	2	11	2	0	4	26.6%
6	12	1	2	0	3	20.0%
7	2	11	2	0	4	26.6%
8	15	0	0	0	0	0.0%
9	0	11	4	0	11	73.3%
10	15	0	0	0	0	0.0%
11	4	0	11	0	4	26.6%
12	0	10	5	0	5	33.3%
13	14	1	0	0	1	6.6%
14	0	1	14	0	1	6.6%
15	3	12	0	0	3	20.0%
16	15	0	0	0	0	0.0%
17	2	13	0	0	2	13.3%
18	0	7	8	0	8	53.3%

Number of pupils for each test. Bold numbers indicate the correct answers; n = pupils' number for test; N = pupils' total number. TN = test number.

APPENDIX IV

Results (Experimental and specialized elements)

PUPILS' NUMBER	EXACT TEST NUMBER/18 TOTAL	PERCENTAGE (X%) CORRECT ANSWERS/44 TOTAL	PERCENTAGE ERROR (100 - X%)
2	35/44	75.5%	24.5%
1	33/44	75.0%	25.0%
1	30/44	68.0%	32.0%
1	28/44	64.0%	36.0%
1	27/44	61.0%	39.0%
2	26/44	59.0%	41.0%
2	25/44	57.0%	43.0%
2	24/44	54.5%	45.5%
1	23/44	52.0%	48.0%
1	16/44	36.0%	64.0%
1	15/44	34.0%	66.0%
TOTAL 15		MEAN 58.8%	MEAN 41.20%

TN	ABSOLUTE FREQUENCY				n	RELATIVE PERCENTAGE
	ANSWER A	ANSWER B	ANSWER C	NO ANSWER		ERROR RATE (n/N)
1	6	8	1	0	7	46.6%
2	2	5	8	0	10	66.6%
3	6	2	7	0	9	60.0%
4	3	12	0	0	3	20.0%
5	0	0	15	0	0	0.0%
6	8	4	1	2	11	73.3%
7	5	0	9	1	6	40.0%
8	13	2	0	0	13	86.6%
9	1	4	10	0	5	33.3%
10	4	7	3	1	11	73.3%
11	8	4	1	2	10	66.6%
12	8	5	1	1	10	66.6%
13	1	13	1	0	2	13.3%
14	1	5	7	2	14	93.3%
15	1	1	13	0	2	13.3%
16	12	3	0	0	3	20.0%
17	2	11	2	0	4	26.6%
18	11	1	2	1	4	26.6%
19	4	4	7	0	8	53.3%
20	2	6	7	0	8	53.3%

Appendix IV - continued

21	9	4	1	1	6	40.0%
22	11	3	0	1	12	80.0%
23	8	1	6	0	7	46.6%
24	12	2	1	0	3	20.0%
25	10	5	0	0	5	33.3%
26	2	0	13	0	2	13.3%
27	10	3	2	0	5	33.3%
28	-	-	-	-	-	-
29	11	3	1	0	4	26.6%
30	14	0	1	0	1	6.6%
31	6	2	7	0	8	53.3%
32	1	12	2	0	3	20.0%
33	0	9	4	2	11	73.3%
34	4	8	3	0	7	46.6%
35	6	9	0	0	9	60.0%
36	12	1	2	0	3	20.0%
37	9	6	0	0	9	60.0%
38	14	1	0	0	1	6.6%
39	1	12	2	0	3	20.0%
40	0	15	0	0	0	0.0%
41	15	0	0	0	0	0.0%
42	4	5	6	0	11	73.3%
43	2	8	5	0	7	46.6%
44	8	6	0	1	7	46.6%
45	2	11	2	0	4	26.6%

Number of pupils for each test. Bold numbers indicate the correct answers; n = pupils' number for test; N = pupils' total number. The case number 28 was not performed. TN = test number.