

ASSESSMENT OF PROGRESS DONE BY THE STUDENTS DURING THE DURATION OF THE PROJECT (2019-2020)

In order to assess the progress our students made in the knowledge on the topics of the project, from the beginning to the end of the project, the group of **the Slovenian erasmus+ students** had to answer to 3 quizzes for two times, i.e.

- **AN ENTRANCE QUIZ in October 2019 and**
- **A FINAL QUIZ in June 2022 about each topic (the salt pans, its fauna and its flora).**

The analysis of their answers showed that on the whole, at the end of the project their knowledge about the topic was much better than at its beginning. The average percentage of correct answers was in the quiz about the salt pans 48.8% vs. 66.8%; in the quiz about the salt pan fauna 45.8% vs. 78.8%, and in the quiz about the flora of the salt pans 63.5% vs. 70.8%.

The erasmus+ students disseminated the project's results to the other middle school peers (6th-9th class). This was done on several occasions during the project's duration, during end-of-school-year activities and Erasmus+Days that were organized at least once a year. On these occasions, students were involved in workshops and answered some **kahoot check-up quizzes** about the salt pan topics.

In the kahoot quiz in 2020 there were 1/3 of correct answers, in that of 2021 57%, and in the last check up kahoot quiz in 2022 40.8%, although the last quiz was more difficult, detailed and they had to play it much quicker than the other two.

Nevertheless, the results of these quizzes were positive, because they motivated the children to be good at it and to show their knowledge about the salt pans in Slovenia.

At the end of the project, on June 2, 2022, **a fun quiz** was done in the gym, where no technology was involved, but middle class students had to show off their best in mixed teams and do several tasks: play games, solve riddles, answer tricky questions, and do challenges. The topics were cross-curricular, thus also some erasmus+ project's tasks were given. The kids enjoyed the activities.

After each mobility, the hosting partner shared **an assessment questionnaire** with the participants, students and teachers, to establish the satisfaction with the offered program during the LTT activities and to see how the objectives of the project were met. The results were always very good, and they are pinned up in the Twinspace. (See the page: Monitoring after Mobilities)

**ANALYSIS OF THE STUDENTS' ANSWERS TO
»THE QUIZ ABOUT THE SEČOVLJE SALT-PANS«**

THE ENTRANCE QUIZ: In October 2019 a quiz about the knowledge of the Sečovlje salt-pans was carried out among 17 students of the erasmus+ Team at the school SE Dante Alighieri Isola who went to the 6th-9th classes. The link to the quiz:

https://docs.google.com/forms/d/1bq6XWAI93_UViu-A-DwATrVOZMsSoTbKppzqAEsHxwo/edit

THE FINAL QUIZ: On June 15, 2022 the same quiz was answered only by 15 6th-8th class erasmus+ students at the SE Dante Alighieri Isola. The link to the quiz:

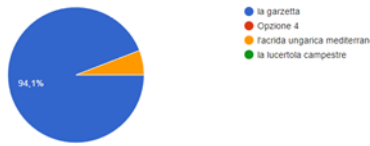
https://docs.google.com/forms/d/1F4UoeQ3FNAjJqSECJvupnsDWEy-fyv81YqNHZ1KJu_U/edit

The tables below show the number of correct answers, the percentage of the correctness of the students' response is also seen in the circle graphs in the following table. If we compare the results from the entrance quiz with those from the final quiz, we can see a big improvement of the knowledge about the salt-pans among our students at the project's closure. The only discrepancy is noted in the answers to questions 5 and 6, because we didn't deal with the geological features of the salt-pans in the last two years. The students had to deduce or guess from their knowledge, and they did it mostly wrong. But on the whole, their answers at the ending of the project are much better than at its beginning.

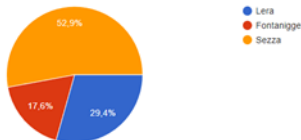
	Questions	Correct answers	Students' responses (correct answers / all responses)			
			ENTRANCE QUIZ		FINAL QUIZ	
1	Which animal is the simbol of the Natural Park of the Sečovlje salt-pans?	the little egret	16/17	94.1%	15/15	100%
2	In which part of the NP is the Museum of the Salt-pans?	Fontanigge	3/ 17	17.6%	12/15	80%
3	Where , in the salt-pans of Sečovlje, can you buy salt in the shop ?	Lera	5/17	29.4%	9/15	60%
4	How many brid species have been so far registered in the Sečovlje salt-pans?	About 300	10/17	58.8%	13/15	86.7%
5	What does the ground of the salt-pans consist of?	Sedimenti fluviali	4/17	23.5%	5/15	33.3%
6	Which habitat can be seen in the photo?	I bacini salati	11/17	64.7%	7/15	46.7%
7	Which is the main objective of the project LIFE MANSALT in the Sečovlje salt-pans?	Preservation of biodiversity	8/17	47.1	11/15	73.3%
8	Which photo shows the fluer the sal?	Photo 3	6/17	35.3%	6/15	40%
9	How much salt do they produce annually in Sečovlje?	5.5 tonnes	9/17	52.9%	11/15	73.3%
10	What does the Talassotherapy centre in the salt-pans offer?	Treatments with salt-pan mud and brine – “mother” water, salt, and sea water	11/17	64.7%	11/15	73.3%
AVERAGE PERCENTAGE OF CORRECT ANSWERS			48.8%		66.6%	

ENTRANCE QUIZ THE SEČOVLJE SALT-PANS

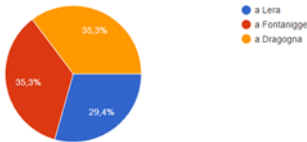
1 Quale animale è il simbolo del Parco Naturale delle saline di Sicciole?
17 odgovorov



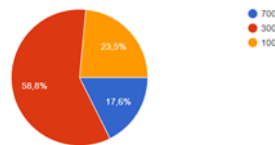
2 In quale parte delle saline si trova il museo dei salinai?
17 odgovorov



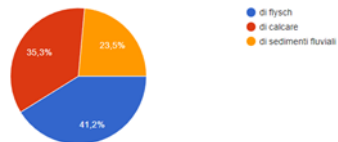
3 All'interno delle saline, dove si trova il negozio in cui si può comprare il sale?
17 odgovorov



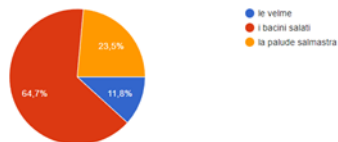
4 Quante specie di uccelli sono stati registrati finora nelle saline di Sicciole?
17 odgovorov



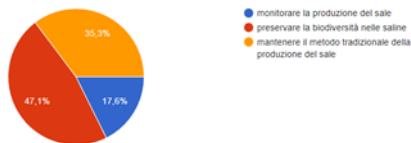
5 In che cosa consiste prevalentemente la base del terreno delle saline?
17 odgovorov



6 Quale habitat è raffigurato nella foto?
17 odgovorov

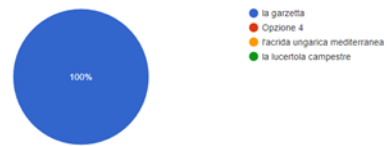


7 Quali è l'obiettivo principale del progetto LIFE MANSALT - Uomo e Natura nelle saline di Sicciole?
17 odgovorov

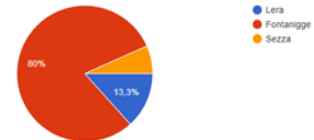


FINAL QUIZ THE SEČOVLJE SALT-PANS

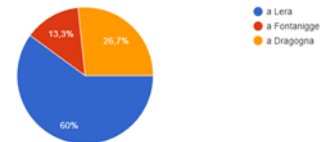
1 Quale animale è il simbolo del Parco Naturale delle saline di Sicciole?
15 odgovorov



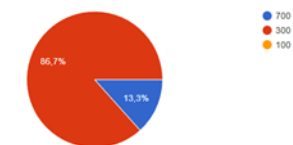
2 In quale parte delle saline si trova il museo dei salinai?
15 odgovorov



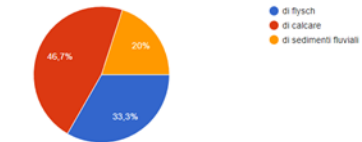
3 All'interno delle saline, dove si trova il negozio in cui si può comprare il sale?
15 odgovorov



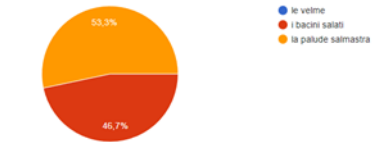
4 Quante specie di uccelli sono stati registrati finora nelle saline di Sicciole?
15 odgovorov



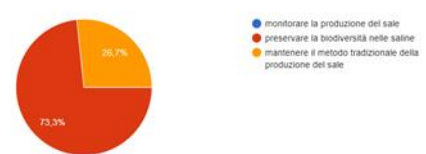
5 In che cosa consiste prevalentemente la base del terreno delle saline?
15 odgovorov

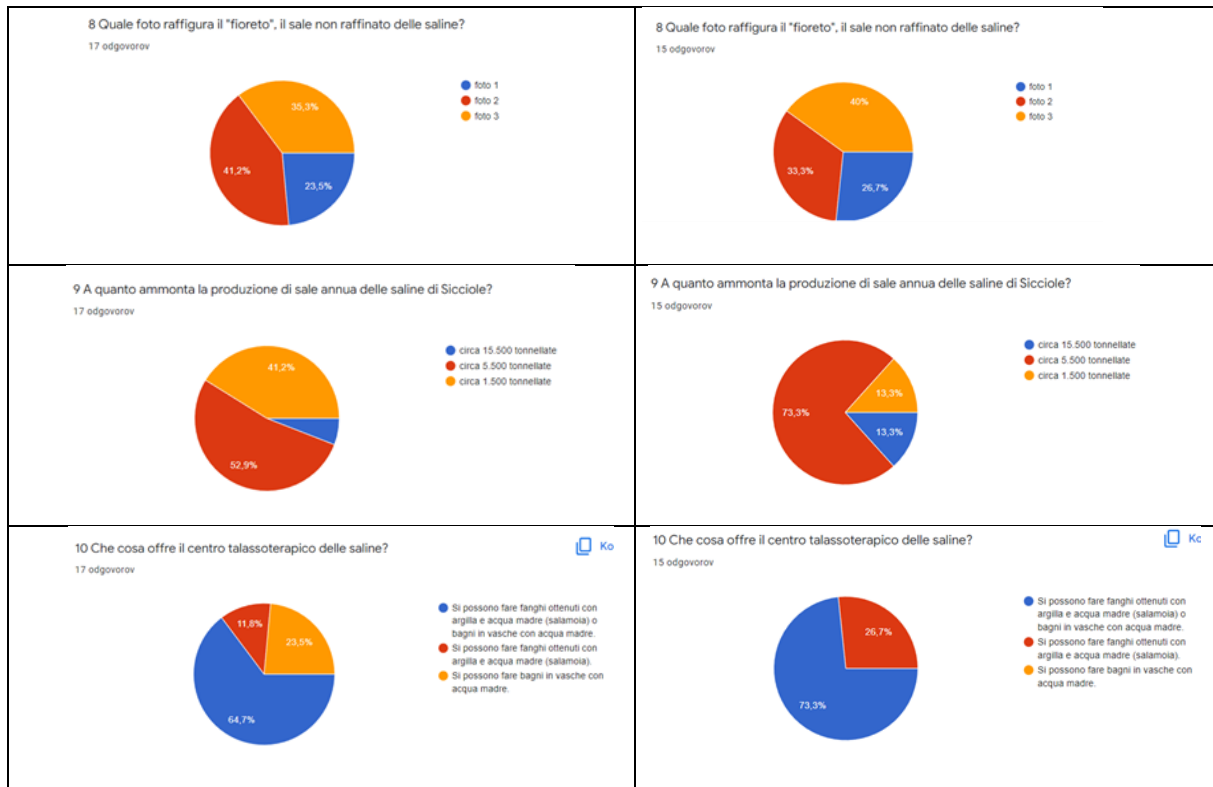


6 Quale habitat è raffigurato nella foto?
15 odgovorov



7 Qual è l'obiettivo principale del progetto LIFE MANSALT - Uomo e Natura nelle saline di Sicciole?
15 odgovorov





**ANALYSIS OF THE STUDENTS' ANSWERS TO
»THE QUIZ ABOUT THE FAUNA OF THE SEČOVLJE SALT-PANS«**

THE ENTRANCE QUIZ: In October 2019 a quiz about the knowledge of the animals living in the salt-pans in Slovenia was carried out among 16 students of the erasmus+ Team at the school SE Dante Alighieri Isola who went to the 6th-9th classes. The link to the quiz:

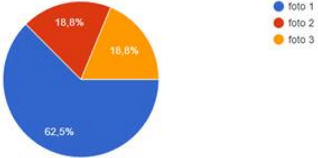
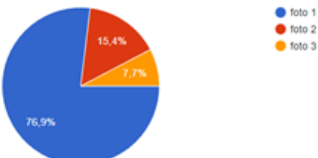
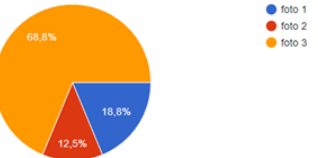

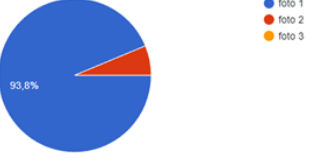
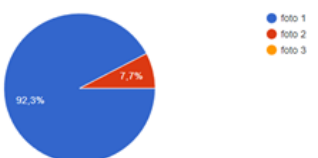
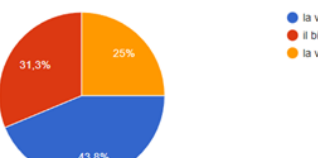

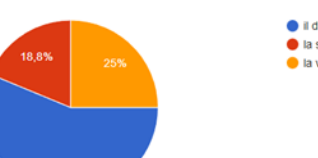



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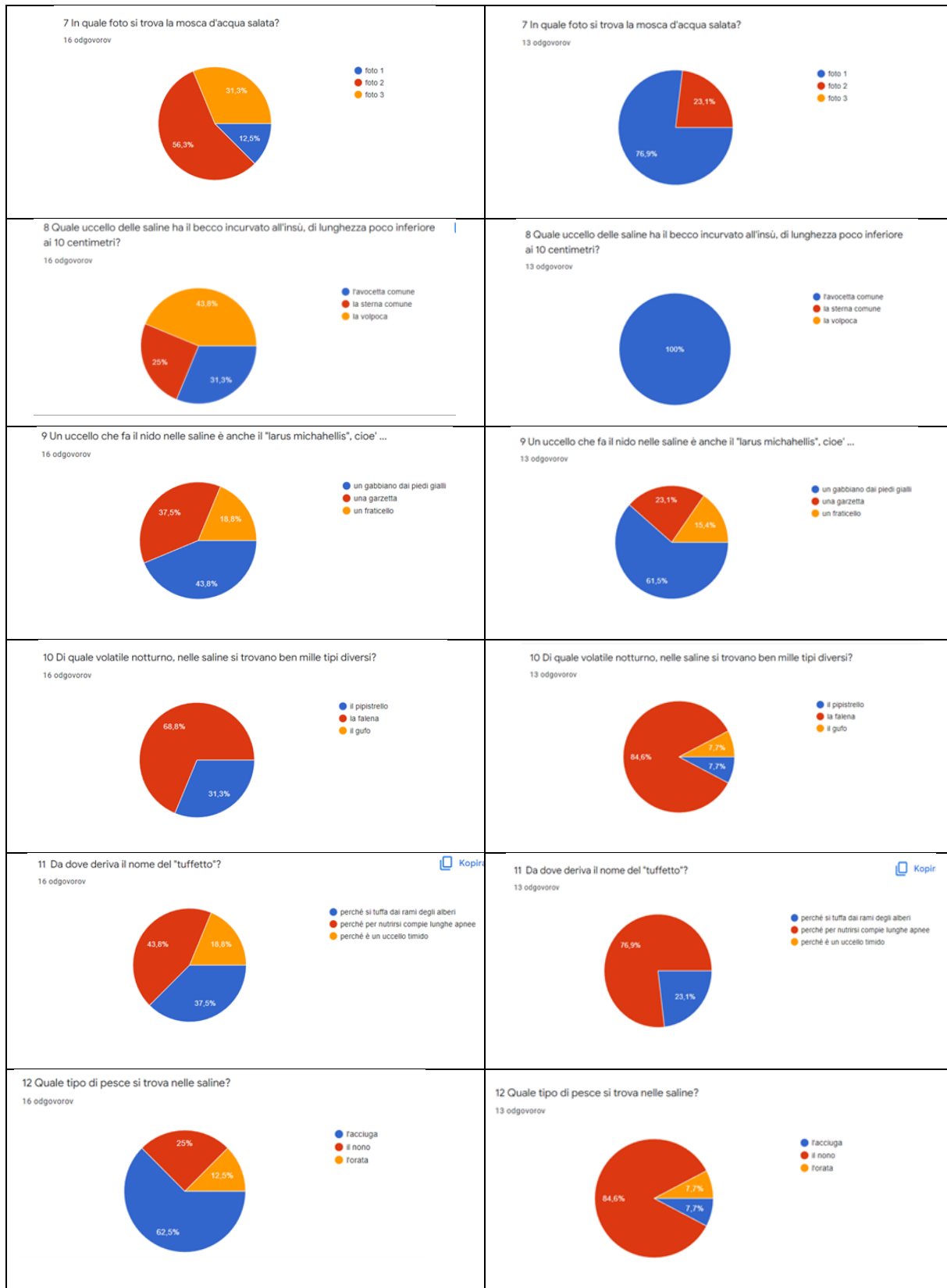
THE FINAL QUIZ: On June 15, 2022 the same quiz was answered only by 13 6th-8th class erasmus+ students at the SE Dante Alighieri Isola. The link to the quiz:

https://docs.google.com/forms/d/1vVhnPNHtbcQJLhhR7BQY8V_h-T6SPkrtBSXj7xfXzZs/edit

The tables below show the number of correct answers, the percentage of the correctness of the students' response is also seen in the circle graphs in the following table. If we compare the results from the entrance quiz with those from the final quiz, we can see a big improvement or better much more knowledge about the salt-pan animals among our students at the project's closure than at its beginning.

	Questions	Correct answers	Students' responses (correct answers / all responses)			
			ENTRANCE QUIZ		FINAL QUIZ	
1	Which bird doesn't belong to the anseriformes? (a diver, mallard / swan)	A diver	10/16	62.5%	10 / 13	77 %
2	Which bird is the wild / grey goose?	Photo 3	11/16	68.8%	11 / 13	85 %
3	Which animal is a bee?	Photo 1	15/16	93.5%	12 / 13	92 %
4	What is the snake in the photo called? (common viper, black snake, asp viper)	The black snake	5/16	31.3%	9 / 13	69 %
5	What is this insect called? (dimorphopterus, shore bug, digger wasp)	The shore bug	3/16	18.8%	7/13	54 %
6	What is the turtle which lives in the salt pans called? (sea turtle, giant turtle, European pond turtle)	The European pond turtle	8/16	50%	10 /13	77 %
7	In which photo do you see the brine fly?	Photo 1	2/16	12.5%	11 /14	79%
8	Which salt pan bird has a up-to-10cm-long bill that is curved upwards? (pied avocet, common tern, volpoca)	The pied avocet	5/16	31.3%	13/13	100 %
9	Which bird that nests in the salt pans is also called the »laurus michahellis«? (yellow-legged gull little egret, little tern)	The yellow-legged sea gull	7/16	43.8%	9 / 14	64 %
10	Which animal can be seen flying in the salines in thousands of different species? (bat, moth, cuckoo)	Tthe moth	11/16	68.8%	12/14	86 %
11	Where does the name »diver« come from? A/B/C	B: because the bird dives to find food	7/16	43.8%	10 / 13	77 %
12	Which fish kind can be found in the salt pan waters? (anchovy, killifish, gold-head bream)	The Mediterraneann killifish	4/16	25%	11 / 13	85 %
AVERAGE PERCENTAGE OF CORRECT ANSWERS				45.8%		78.8%

ENTRANCE QUIZ THE FAUNA OF THE SALT-PANS	FINAL QUIZ THE FAUNA OF THE SALT-PANS
<p>1 Quale volatile non appartiene alla famiglia degli anseriformi? 16 odgovorov</p>  <ul style="list-style-type: none"> ● foto 1 ● foto 2 ● foto 3 	<p>1 Quale volatile non appartiene alla famiglia degli anseriformi? 13 odgovorov</p>  <ul style="list-style-type: none"> ● foto 1 ● foto 2 ● foto 3
<p>2 Quale di queste è l'oca selvatica? 16 odgovorov</p>  <ul style="list-style-type: none"> ● foto 1 ● foto 2 ● foto 3 	<p>2 Quale di queste è l'oca selvatica? 13 odgovorov</p>  <ul style="list-style-type: none"> ● foto 1 ● foto 2 ● foto 3
<p>3 Quale di questi animali di terraferma è un'ape? 16 odgovorov</p>  <ul style="list-style-type: none"> ● foto 1 ● foto 2 ● foto 3 	<p>3 Quale di questi animali di terraferma è un'ape? 13 odgovorov</p>  <ul style="list-style-type: none"> ● foto 1 ● foto 2 ● foto 3
<p>4 Come si chiama il serpente raffigurato nella foto? 16 odgovorov</p>  <ul style="list-style-type: none"> ● la vipera comune ● il biacco ● la vipera dal cornu 	<p>4 Come si chiama il serpente raffigurato nella foto? 13 odgovorov</p>  <ul style="list-style-type: none"> ● la vipera comune ● il biacco ● la vipera dal cornu
<p>5 Come si chiama questo insetto? 16 odgovorov</p>  <ul style="list-style-type: none"> ● il dimorphopterus ● la salda ● la vespa vasaio 	<p>5 Come si chiama questo insetto? 13 odgovorov</p>  <ul style="list-style-type: none"> ● il dimorphopterus ● la salda ● la vespa vasaio
<p>6 Come si chiama la specie di tartaruga che vive nelle saline? 16 odgovorov</p>  <ul style="list-style-type: none"> ● la tartaruga marina ● la tartaruga gigante ● la tartaruga palustre 	<p>6 Come si chiama la specie di tartaruga che vive nelle saline? 13 odgovorov</p>  <ul style="list-style-type: none"> ● la tartaruga marina ● la tartaruga gigante ● la tartaruga palustre



ANALYSIS OF THE STUDENTS' ANSWERS TO

»THE QUIZ ABOUT THE FLORA OF THE SEČOVLJE SALT-PANS«

THE ENTRANCE QUIZ: In October 2019 a quiz about the knowledge of the plants thriving in the salt-pans in Slovenia was carried out among 20 students of the erasmus+ Team at the school SE Dante Alighieri Isola who went to the 6th-9th classes. The link to the quiz is:

<https://docs.google.com/forms/d/1YMtIcO5pjsjDwvB20Hs190WyeZ3KHdXH0HcMPyUOsss/edit>

THE FINAL QUIZ: On June 15, 2022 the same quiz was answered only by 15 6th-8th class erasmus+ students at the SE Dante Alighieri Isola. The link to the quiz is:

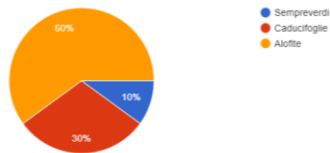
<https://docs.google.com/forms/d/1Kkn7yr5JKdBUQ-OC1SSlnpkGOBRdNCLrKpe0MT8a-hM/edit>

The tables show the number of correct answers. The percentage of the correctness of the students' response is also seen in the circle graphs in the second table. If we compare the results from the entrance quiz with those from the final quiz, we can see that the students know much more about the salt-pan plants at the project's closure than at its beginning. The percentage of the correct answers in the final quiz was higher than that in the entrance quiz, except from questions 6 – which refers to their knowledge of biology in general - and question 9, where 1 student gave the wrong answer in each of the quizzes.

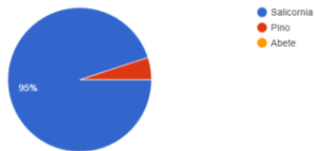
	Questions	Correct answers	Students' responses (correct answers / all responses)			
			ENTRANCE QUIZ		FINAL QUIZ	
1	What are the plants called which thrive in areas with salty water? (evergreens, deciduous, halophytic)	halophytic	12/20	60%	14/15	93.3%
2	Which is the most spread plant in the salt-pans of Sečovlje? (salicornia, pine tree, fir tree)	salicornia	19/20	95%	15/15	100%
3	Where does the salicornia accumulate the fresh water? (in the flowers, fruits, stem)	stem	14/20	70%	15/15	100%
4	Which plant is shown in the photo? (sea aster, salicornia, sea fennel)	Sea fennel	13/20	65%	12/15	80%
5	The common cord grass is a hygrophile plant, because it grows in areas that are: (dry, humid, exposed to sun light)	humid	12/20	60%	10/15	66.7%
6	What are the petals of the sea aster like? (radially symmetrical, lip-shaped, tongue-shaped)	Radially symmetrical	10/20	50%	6/15	40%
7	The Sea Lavender eliminates the excessive salt through its ... (flowers, leaves, roots)	leaves	7/20	35%	8/15	53.3%
8	The leaves of the common atriplex are ... (spear-like, heart-shaped, needle-shaped)	Spear-like	11/20	55%	12/15	80%
9	The bluish wormwood is capable of growing in very dry areas. T / F	T	19/20	95%	14/15	93.3%
10	The ruppia cirrhosa / spiral ditchgrass is... (xerophile, heliophyte, subaquatic)	subaquatic	10/20	50%	11/15	73.3%
AVERAGE PERCENTAGE OF CORRECT ANSWERS			63.5%		70.8%	

ENTRANCE QUIZ THE FLORA OF THE SALT-PANS

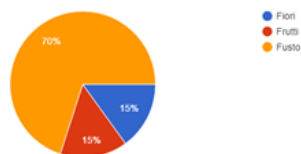
1. Come si chiamano le piante che vivono in ambienti d'acqua salata?
20 odgovorov



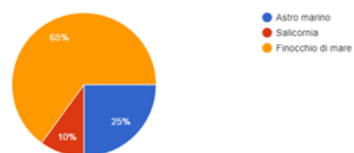
2. Qual'è la pianta alofita più diffusa nelle saline di Sicciole?
20 odgovorov



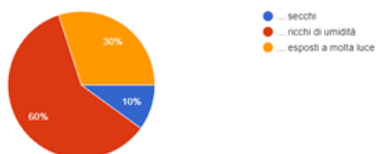
3. Dove la Salicornia accumula l'acqua dolce?
20 odgovorov



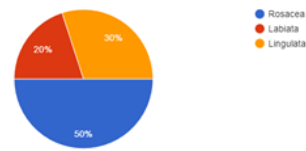
4. Individua la pianta nella foto.
20 odgovorov



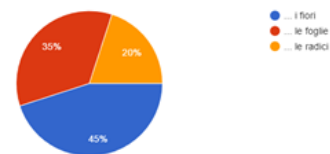
5. La Spartina maritima è una pianta igrofila in quanto cresce in ambienti ...
20 odgovorov



6. Che tipo di corolla possiede l'Astro marino?
20 odgovorov

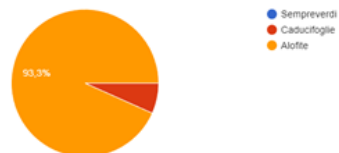


7. Il Limonio comune elimina il sale in eccesso mediante ...
20 odgovorov

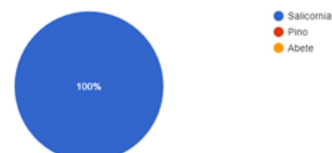


FINAL QUIZ THE FLORA OF THE SALT-PANS

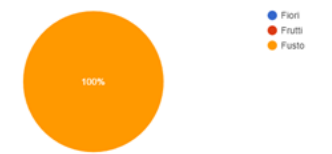
1. Come si chiamano le piante che vivono in ambienti d'acqua salata?
15 odgovorov



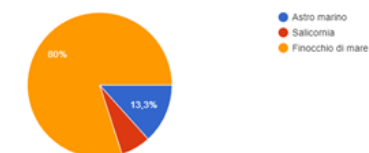
2. Qual'è la pianta alofita più diffusa nelle saline di Sicciole?
15 odgovorov



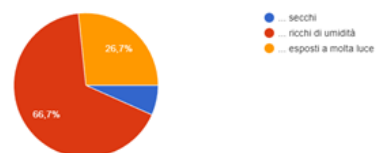
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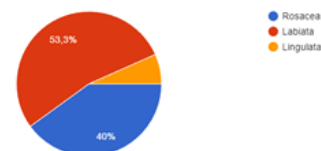
4. Individua la pianta nella foto.
15 odgovorov



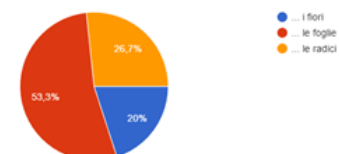
5. La Spartina maritima è una pianta igrofila in quanto cresce in ambienti ...
15 odgovorov



6. Che tipo di corolla possiede l'Astro marino?
15 odgovorov

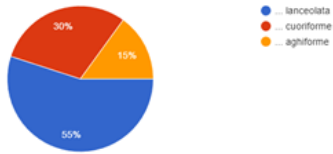


7. Il Limonio comune elimina il sale in eccesso mediante ...
15 odgovorov



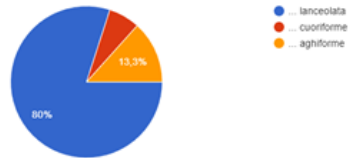
8. L'Atriplice possiede la foglia ...

20 odgovorov



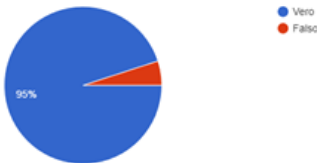
8. L'Atriplice possiede la foglia ...

15 odgovorov



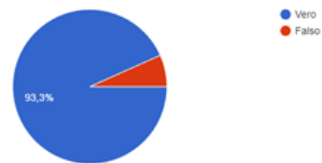
9. Il Santonico ha la capacità di crescere in ambienti più secchi.

20 odgovorov



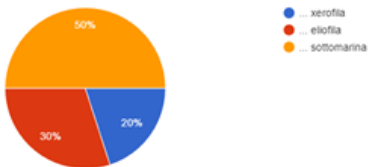
9. Il Santonico ha la capacità di crescere in ambienti più secchi.

15 odgovorov



10. L'erba da chiozzi spiralata è una specie ...

20 odgovorov



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15 odgovorov

