

# DANUBE Panorama Trail

## EXERCISE BOOK



# Map of the Trail

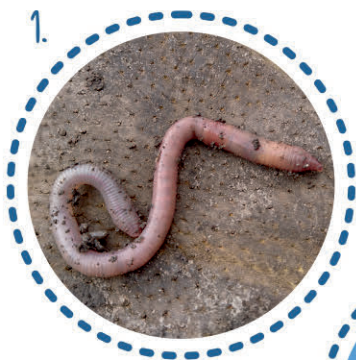


# Bird-friendly garden

To make your garden loud from chattering birds, need's only a few effort. It is enough to have bird-house or drinker on the hot days, a little snack in winter, and you'll be close to admiring your feathered friends. However, the best is to help them get a natural diet. The more varied the flora, the more animal finds a shelter in your garden. For birds, turf spots full of snails, worms, and caterpillars are like a table set for banquet. Certainly, because they are not only consuming fruits! If you are lucky, the abundant food will attract the attention of the hedgehogs, lizards and frogs, so a real paradise can grow in your small garden.

LOOK AT THESE NOURISHMENTS, AND TRY TO NAME THEM!

1.



2.



3.



4.



5.





Don't forget to feed the birds in winter only! In spring, the insect-eating nestlings can get drowned from the seed that their parents try to give them.

DO YOU KNOW, WHICH OF THESE BIRD-HOUSES DO THE BIRDS CHOOSE?

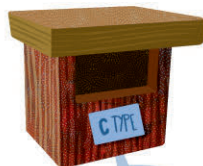


Common Starling



Eurasian Nuthatch

Marsh Tit



European Robin



Answer:  
 1. Earthworm, 2. Common Hawk, 3. Common Flycatcher, 4. Redstart, 5. White Mulberry, 6. Leopard Frog, 7. Mosquito  
 A type: Marsh Tit, B type: Eurasian Nuthatch, C type: Common Starling, D type: European Robin

# Who lives in the insect hotel?

The insect hotels, also known as bug hotels, are great shelters for a wide range of insects. Depending on whether they are placed high or near to the ground, we can observe different species in them.

CHECK OUT THE INSECT HOTELS AND WRITE AT LEAST 6 SPECIES YOU'VE CERTAINLY SEEN!



# During wintertime

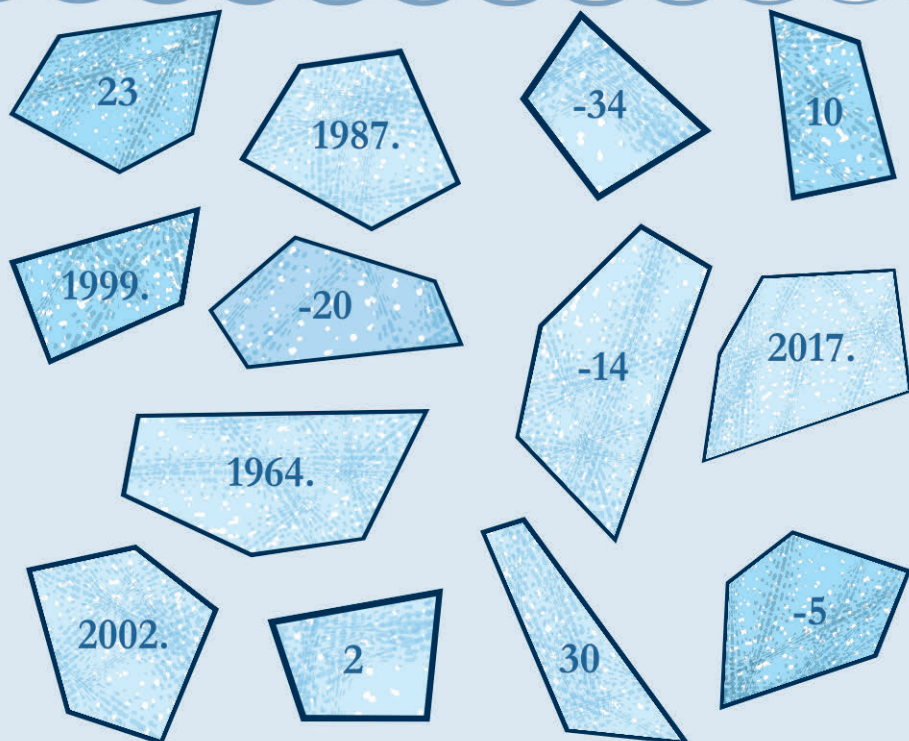
There has not been a continuous ice cover on the river Danube for more than [ ] years. The temperature should remain below [ ] °C for at least a week for ice sheet formation on the Danube. However, the real danger is that ice-floes sliding above and below each other regelate and block the water-course. Blocks of ice drifting fast may also damage the water conservation structures and marks.

Even the Ministry of Interior rewarded the crew of the Széchenyi stationed at Gönyű, together with other professionals who took part in the protection against ice in [ ] .

WHAT NUMBERS HAVE WE DELETED FROM THE TEXT?

LOOK AT THE ICE SHEETS CAREFULLY! PULL OUT THE ONES THAT HAVE THE SAME SHAPE!

THE ANSWERS ARE FROZEN IN THE IMPAIRED ICE BLOCKS.

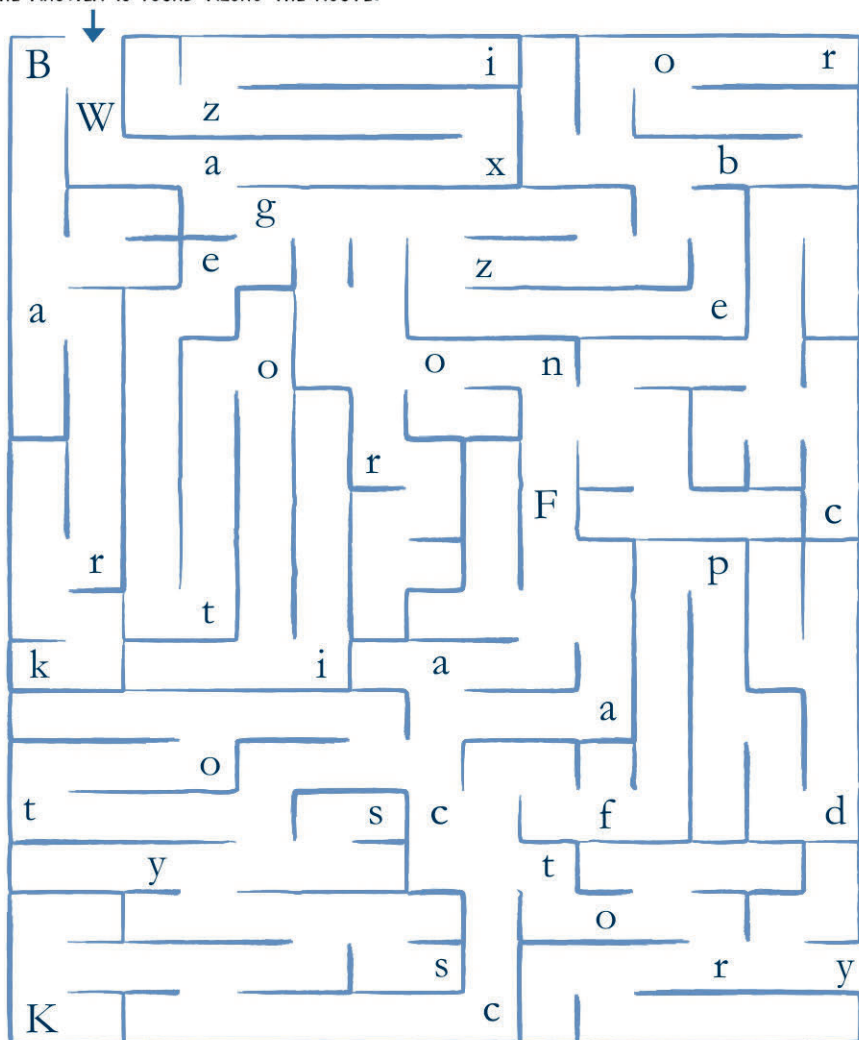


# The secret of the mansion

The mansion's walls would surely be able to tell secret tales, if they were still stand. At the time of bombing of Győr, in 1944 the valuable stocks and certain equipment were transferred from the [redacted] to the cellar of the mansion and they were saved there.

HELP TO FIND THE HIDDEN OBJECTS AND FIND OUT WHERE THOSE ARE FROM.

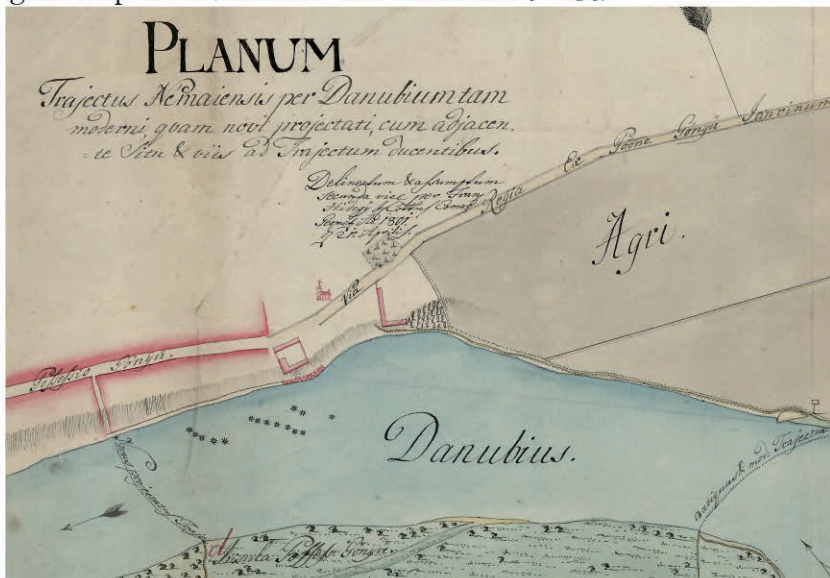
THE ANSWER IS FOUND ALONG THE ROUTE.



# Can you see the difference?

THERE ARE 5 THINGS THAT ARE DIFFERENT IN THE SECOND PICTURE. CAN YOU FIND ALL?

Original map detail (MNL OL S 69 - No. 69 / National Archives of Hungary)



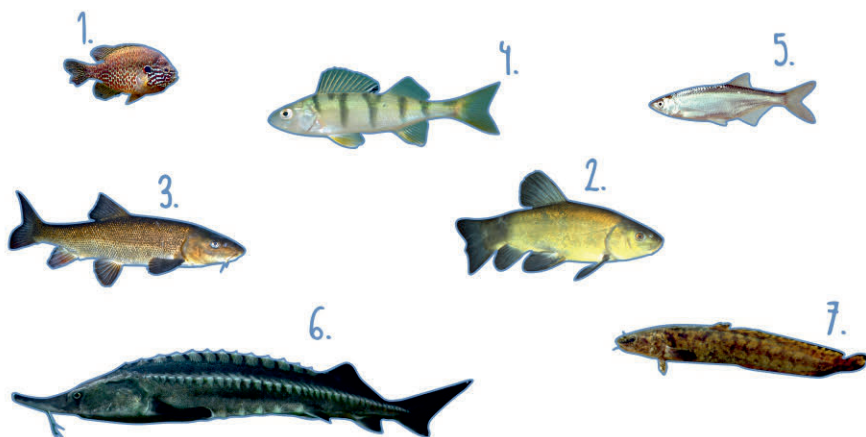
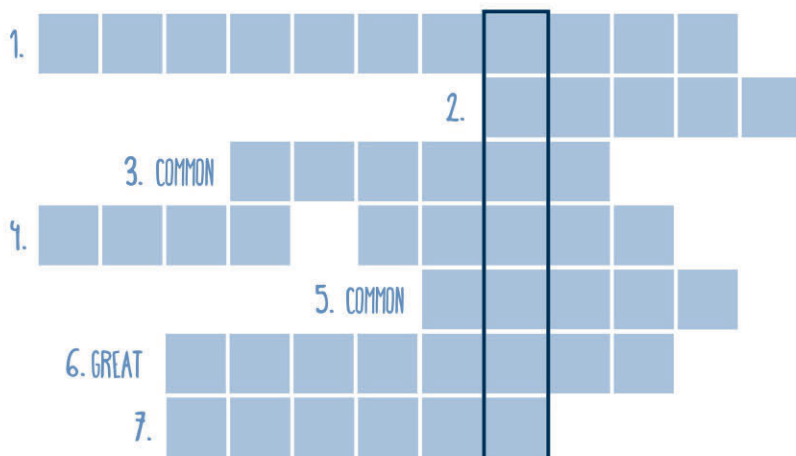
False map





# Fishing time

EXPLORE THE FISH THAT HAVE SWUM TO YOUR NET AND WRITE THEIR NAMES IN THE RIGHT PLACE. IF YOU HAVE WORKED SKILLFULLY, YOU CAN FIND OUT WHICH DANUBIAN FISH'S FAVORITE FOODS ARE MAYFLY LARVAE. THE TRAIL BOARD HELPS IN THE ANSWER.

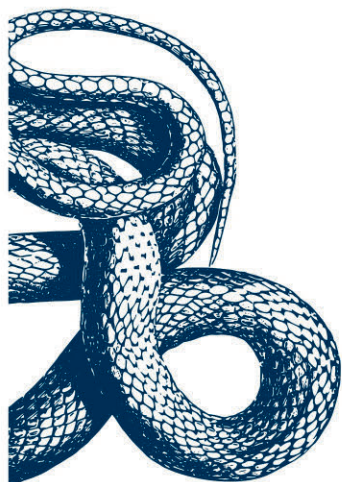
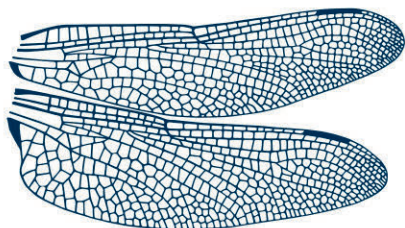


Answer: 1. Pumpkinseed, 2. Tench, 3. Barbel, 4. Pike Perch, 5. Bleak, 6. Sturgeon, 7. Burbot

# Danubian weirdoes

The Danube is not only a habitat for fish, but also for other animal species such as insects, reptiles and amphibians.

WE HAVE DRAWN A FEW DETAILS ABOUT THE SPECIES THAT CAN BE FOUND IN THE DANUBE AREA.  
CAN YOU RECOGNISE THEM? WHICH OF THESE IS REPTILE, AMPHIBIAN OR INSECT?

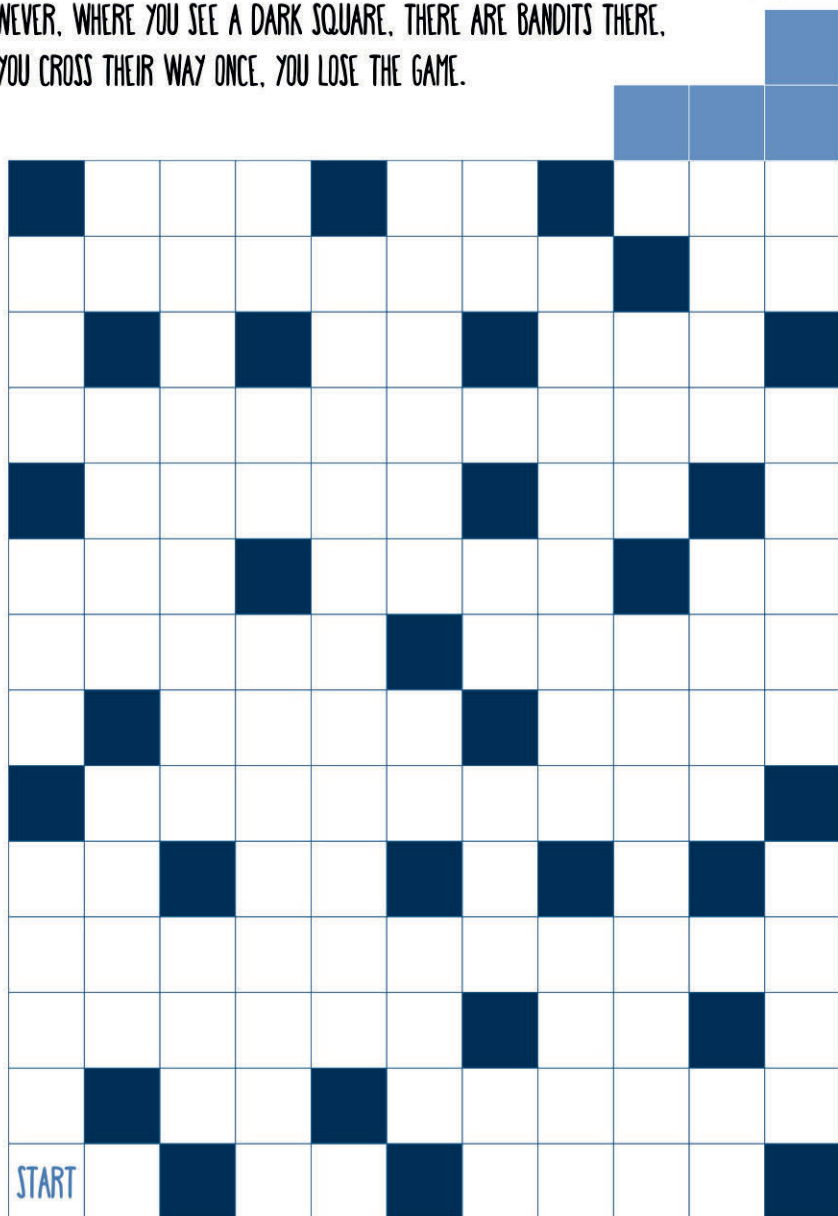


- A reptile
- B amphibian
- C insect

# Ride the coach!

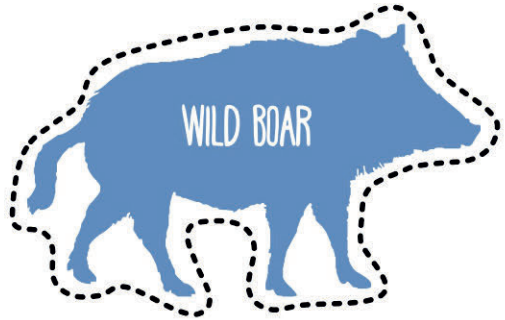
YOU CAN MOVE TO THE L-SHAPED INN BY HORSE FEET (L-SHAPED STEP).  
HOWEVER, WHERE YOU SEE A DARK SQUARE, THERE ARE BANDITS THERE.  
IF YOU CROSS THEIR WAY ONCE, YOU LOSE THE GAME.

MAIL COACH INN



# Spoor survey

PAIR THESE FOOTPRINT SHAPES TO THE RIGHT ANIMALS. CHECK OUT THE PICTURES THOROUGHLY!



# Watery feathers

THE NAMES OF THE FLEDGLINGS MIXED UP. CAN YOU IDENTIFY THE LITTLE ONES?

lard

black

poc

ded

a

gull

hard

mon

mal

he

com



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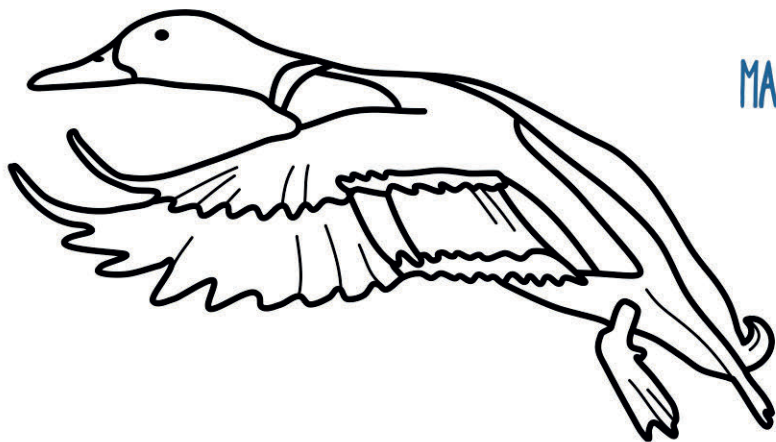


■ ■ ■ ■ - ■ ■ ■ ■  
■ ■ ■ ■

Answer:  
Common Pochard, Mallard, Black-Headed Gull

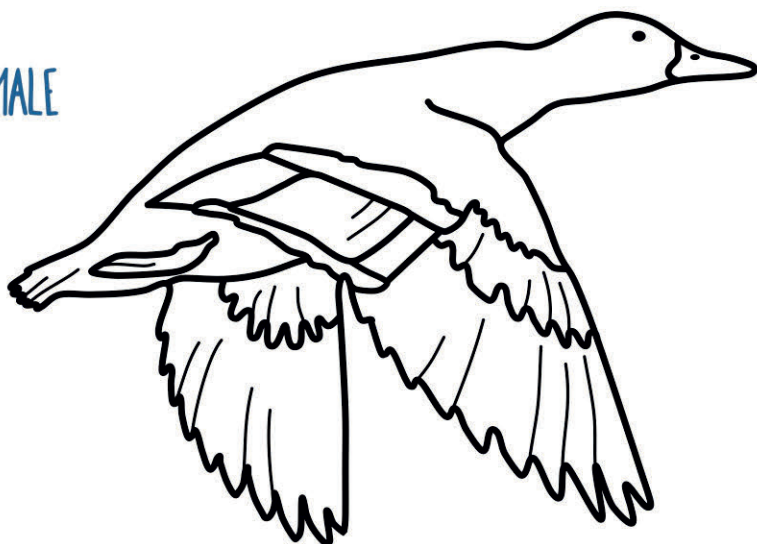
# Color the Mallard couple!

THE BOARD NEXT TO THE PANORAMIC TELESCOPE HELPS.



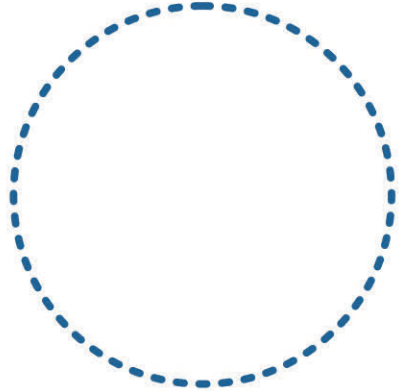
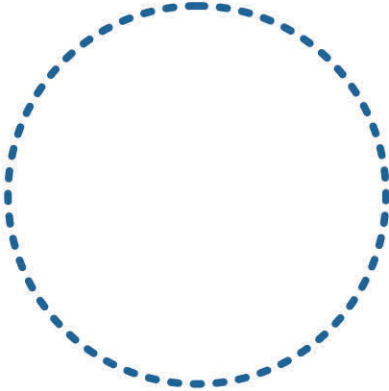
MALE

FEMALE



# Page of mysteries

HEAT WATER, THEN POUR IT INTO A TRANSPARENT GLASS!  
PUT A SAME GLASS NEXT TO IT, FULL OF COLD WATER!  
THEN GENTLY DROP FRUIT SYRUP INTO THE GLASSES. WHAT DO YOU EXPERIENCE?



DRAW OR WRITE ANYTHING INTO THE RECTANGLE WITH LIME JUICE! AS SOON AS IT HAS DRIED, IT WILL CERTAINLY BECOME INVISIBLE. HOWEVER, IF YOU COVER THE AREA WITH RED CABBAGE JUICE, IT BECOMES VISIBLE AGAIN. HOW CAN THIS BE?



*The water molecules move more slowly at cold temperatures, than at warm temperatures. Because of this, the syrup in the hot water starts to blend quickly, while in cold water the same process is slow.  
Lemon juice is an acidic liquid against water. If this liquid encounters anthocyanin in the cabbage, which is also responsible for the color of the cabbage, it reacts chemically to its sensitivity, so the color of the juice on the paper changes.*

**Answer:**

Published by the Municipality of Gönyű, 2019  
Responsible publisher: Gábor Major Mayor  
The exercise book was published with  
the assistance of Patkós Studio.



**Interreg**



Szlovákia-Magyarország

**Partnerséget építünk**