

BALTIC SEA PROJECT: Protocol for Observations **WATER QUALITY OF THE BALTIC SEA**

Please fill in the boxes with facts about your school and excursion area.

Name of class/group	.	Name of teacher	.
Name of school, address and country	.		
Investigation date	.		

Description of the excursion area

Bottom conditions (mark with an X):

rocks	stones	sand	clay	mud
.

Description of excursion area:

Give a short description of the excursion area with regard to the conditions of the sea (open water, bay, mouth of river, bottom profile steep or flat etc.), the coast (cliffs, dunes, flat), and the land behind the coast (forest, agriculture, cities, industries, sewage plants, harbours, tourism etc.).

Draw a map:






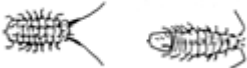




Please draw (or insert) a map of your excursion area in the box with coastline, rivers, major cities etc.









Scale: 1cm= 1 km

Sample size in m:







Number of samples:







Area of total sample in m:

BENTHOS ANIMALS	Observed on beach: ++/+/0	In bottom samples: No/m	BENTHOS ANIMALS	Observed on beach: ++/+/0	In bottom samples: No/m
Species/group			Species/group		
<i>Mya arenaria</i> 			OLIGOCHAETA 		
Cardium + Cerastoderma 			POLYCHAETA 		
<i>Mytilus edulis</i> 			ISOPODA 		
<i>Macoma baltica</i> 			AMPHIPODA 		
<i>Pisidium amnicum</i> 			DECAPODA 		

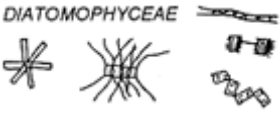


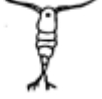


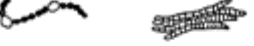

<i>Anodonta cygnea</i> 			<i>Balanus sp.</i> 		
<i>Littorina sp.</i> 			<i>Red Chironomus sp.</i> 		
<i>Hydrobia sp.</i> 			OTHER INSECT LARVAE 		
<i>Lymnaea sp.</i> 			OTHER (species or group)		
<i>Theodoxus fluviatilis</i> 					

Macro algae and seed plants

MACRO ALGAE washed up on the beach or observed in the water	++/+/0	SEED PLANTS washed up on the beach or observed in the water	++/+/0
Species/group		Species/group	
<i>Ulva sp.</i> 		<i>Zostera sp.</i> 	
<i>Enteromorpha sp.</i> 		<i>Phragmites sp.</i> 	
<i>Cladophora sp.</i> 		<i>Potamogeton sp.</i> 	

<p><i>Fucus sp.</i></p> 		<p><i>Myriophyllum sp.</i></p> 	
<p><i>Ulva sp. + Ectocarpus sp.</i></p> 		<p>OTHER MACRO ALGAE OR SEED PLANTS (name of species or group)</p>	
<p><i>Furcellaria sp.</i></p> 			
<p><i>Polysiphonia sp. + Ceramium sp.</i></p> 			
<p><i>Delesseria sp. + Phyllophora sp.</i></p> 			

Plankton:

<p>PLANKTONcollected with plankton net and studied in microscope</p> <p>Group</p>	<p>++/+/0</p>	<p>PLANKTONcollected with plankton net and studied in microscope</p> <p>Group</p>	<p>++/+/0</p>
<p>DIATOMOPHYCEAE</p> 		<p>CLADOCERA</p> 	
<p>DINOPHYCEAE</p> 		<p>COPEPODA</p> 	
<p>CHLOROPHYTA</p> 		<p>ROTATORIA</p> 	
<p>CYANOBACTERIA</p> 		<p>PROTOZOA</p> 	

Other observations:

OTHER OBSERVATIONS:				
In water:	Salinity o/oo	Temperature C	Visibility depth in meters	Amount of epiphytes ++/+/0
.
In sediment:	Redoxcline depth in mm	Water content	Organic material	
.	.	.	.	

On this page you are welcome to supplement with further information, comments and criticism of this investigation.

Notes to the datasheet and evaluation of the results:

If you are unfamiliar with the Latin names of plants and animals, it is a good idea to write the names in your own language, before starting the studies.

In order to get comparable results from different schools and countries, it is essential that you follow the instructions for the user carefully.