

# NATURE – Flora and Fauna around our school



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# Fauna around Holice

- In the surroundings of our school are common representatives of Central European fauna.
- Stug Beetle or Old World Swallowtail belong to the most important species of invertebrates.
- Location of Marsh Gentian next to Litětiny is home of Alcon Blue.
- Vertebrates are represented by specific species bound to open agricultural landscape surrounding waterstreams, ponds and woods.
- We can find several kinds of amphibians such as common frogs and toads here.
- The most common representatives are the Grass Snake and the Sand Lizard.

**Stug Beetle**  
(*Lucanus cervus*)



# Old World Swallowtail (*Papilio machaon*)



**Edible Frog**  
(*Pelophylax esculentus*)



**Grass Snake**  
(*Natrix natrix*)



- Really diverse species are birds. In our surrounding you can find a nesting site of Greylag Goose , Nightingales, Great Bittern or Spotted Crake.
- The mammals worth to mention are the European Otter which is quite rare and the Wild Boar which very numerous on the other hand and cause a big damage on fields.
- There is one serious problem with the presence of nonoriginal animal species that are invasive. It includes Harlequin Ladybird, Spanish Slug, Raccoon Dog and Coypu.
- The bird area Komárov, which belongs to The System Natura 2000 that was established for protection significant winterings of predators and owls thanks to legislative EU. It is also important migration station of north-European migratory birds (for example Common Cranes from Lithuania)



**Greylag Goose**  
(*Anser anser*)

Spotted Crake  
(*Porzana porzana*)





**European Otter**  
(*Lutra lutra*)

**Raccoon Dog**  
(*Nyctereutes procyonoides*)





**Common Crane**  
(*Grus grus*)

# Flora around Holice

- In this area you can find mostly thermophilic flora.
- Before long mostly oak and hornbeam forests occurred there but there are now only remains of them.
- Some places are named after those oak forests. For example Dubina or Pardubice. (oak = dub)
- Among the most interesting plant communities there are floodplain forests around waterstreams with a significant spring aspect, waterlogged meadows with orchids and peat-bogs with plants typical for mountains areas.



Mapa ??



***Oak forest***



*Floodplain forest*



*Spring aspect*

- At several places there are sand dunes.
- Many protected plants also grow within our area such as the Western Marsh Orchid, the Early Marsh-Orchid, the Lesser Bladderwort, the Fringed Pink and the Adder's-tongue.
- Probably the most important is the presence of the Marsh Gentian which grows in the area around natural monument Boršov u Litětín.
- The Sand Milkvetch and the Carexes grow on sand dunes.
- A big problem all over the the whole country are invasive plants which often push away native species. These are the Giant Hogweed, Impatiens Glandulifera - the common name Policeman's Helmet, and knotweeds.



*Sand dunes*



**Marsh Gentian**  
(*Gentiana pneumonanthe*)



**Policeman's Helmet**  
(*Impatiens glandulifera*)



**Japanese knotweed**  
(*Fallopia japonica*)

Thank you for your  
attention 😊