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Invertebrates - terrestrial



Species name: Box tree moth (*Cydalima perspectalis*)

Group: terrestrial invertebrates

Native region (Continent): East Asia

Local Status: invasive

Entry paths (if known): introduced with imported plants

Observations: Occurs in most parts of the Czech Republic (more map <https://www.najdi je.cz/pf/zavijec-zimostrazovy/>)



Species name: Brown marmorated stink bug (*Halyomorpha halys*)

Group: terrestrial invertebrates

Native region (Continent): East Asia

Local Status: invasive

Entry paths (if known): introduced with imported plants

Observations: it was first discovered in the Czech Republic in 2018, today it can be found in a very limited area in the Czech Republic.



Alien CSI BIOBLITZ

Species name: Citrus flatid planthopper (*Metcalfa pruinosa*)

Group: terrestrial invertebrates

Native region (Continent): North America

Local Status: non-native

Entry paths (if known): introduced with imported plants

Observations: since 2013, it has been occurring in parks in the center of Brno. In 2021, the populations in Prague and Židlochovice were found.



Alien CSI BIOBLITZ

Species name: Garden snail (*Cornu aspersum*)

Group: terrestrial invertebrates

Native region (Continent): Mediterranean area

Local Status: non-native

Entry paths (if known): this species is reared throughout Europe on snail farms for commercial use in gastronomy and in the cosmetics industry. The snail often escapes from these farms.

Observations: the population of this snail is still known only from Prague, Kralupy nad Vltavou and Břeclav.



Species name: Harlequin ladybird (*Harmonia axyridis*)

Group: terrestrial invertebrates

Native region (Continent): East Asia

Local Status: invasive

Entry paths (if known): escape from commercial farms in Western Europe.

Observations: occurs in most parts of the Czech Republic (more map <https://www.biolib.cz/cz/taxonmap/id164/>)



Species name: Portuguese slug (*Arion lusitanicus*)

Group: terrestrial invertebrates

Native region (Continent): Iberian Peninsula (northern part), western France, southern England

Local Status: invasive

Entry paths (if known): unknown

Observations: this species first appeared in the Czech Republic in 1991. It successfully spreads especially in the agricultural and cultural landscape.

Invertebrates - aquatic



Species name: Marbled crayfish (*Procambarus fallax f. virginalis*)

Group: aquatic invertebrates

Native region (Continent): North America: east of USA

Local Status: established

Entry paths (if known): releases from captive breeding (ornamental aquaria)

Observations: established populations documented from urban waters in Prague and from artificial ponds close to Bílina



Species name: Red swamp crayfish (*Procambarus clarkii*)

Group: aquatic invertebrates

Native region (Continent): North America: northern Mexico and southeastern USA

Local Status: ?

Entry paths (if known): Still only in captivity

Observations: so far, no established population documented in the country



Species name: Signal crayfish (*Pacifastacus leniusculus*)

Group: aquatic invertebrates

Native region (Continent): North America: colder areas of western USA and southwestern Canada

Local Status: invasive

Entry paths (if known): deliberate (secondary) imports from Sweden, released in the 1980s for aquaculture purposes. Transboundary spontaneous expansion from Austria.

Observations: present mainly in southern and south-western part of the country.



Species name: Spiny-cheek crayfish (*Faxonius limosus*)

Group: aquatic invertebrates

Native region (Continent): North America: east coast of USA

Local Status: invasive

Entry paths (if known): upstream migration in the river Elbe from Germany

Observations: sightings probably already since the 1960s, substantial expansion after the 1980s; spreading with human mainly along the Elbe and Vltava, introduced to many standing waters. More localities recently reported also from Morava region.

Vertebrates



Species name: Common slider (*Trachemys scripta*)

Group: vertebrates

Native region (Continent): North America, USA and Mexico

Local Status: introduced

Entry paths (if known): escapes from captivity (likely liberate releases)

Observations: they were first captured in the wild in 1980s. Although reproduction was not documented, their numbers grow - currently there are hundreds to thousands of individuals.



Species name: Coypu (*Myocastor coypu*)

Group: vertebrates

Native region (Continent): South America

Local Status: Introduced

Entry paths (if known): escapes from captivity. Kept on farms for fur and meat.

Observations: they first appeared in the wild in 1970s. During last 20 years semi-wild populations started to establish. In 2016 they were present roughly on 15 % of Czech territory, especially in lowlands, and has been spreading since then.



Species name: egyptian goose (*Alopochen aegyptiaca*)

Group: vertebrates

Native region (Continent): subsaharan Africa, Egypt and Sudan

Local Status: introduced

Entry paths (if known): escapes from captivity

Observations: they were first observed in the wild in 1979, then 1993. First nesting in 2008 in west and southern Bohemia.



Species name: Raccoon (*Procyon lotor*)

Group: vertebrates

Native region (Continent): North and Central America, from southern Canada to Panama.

Local Status: introduced

Entry paths (if known): escapes from captivity and spread from established populations in Germany and Austria

Observations: they first appeared in the wild in 1930s (escapes from captivity). After WWII individuals from established population in Germany were appearing in Bohemian Forest, in 1990s they were spreading from Austria to Moravia.

Plants



Species name: Common ragweed/ annual ragweed/ low ragweed
(*Ambrosia artemisiifolia*)

Group: terrestrial plants

Native region (Continent): North America

Local Status: invasive neophyte

Entry paths (if known): introduced accidentally

Observations: first reported to escape from cultivation in 1883



Species name: Cutleaf coneflower (*Rudbeckia laciniata*)

Group: terrestrial plants

Native region (Continent): North America

Local Status: invasive neophytes

Entry paths (if known): introduced deliberately as an ornamental plant

Observations: first reported to escape from cultivation in 1859



Alien CSI BIOBLITZ

Species name: Giant hogweed (*Heracleum mantegazzianum*)

Group: terrestrial plants

Native region (Continent): Europe

Local Status: invasive neophyte

Entry paths (if known): introduced deliberately as an ornamental plant

Observations: first reported to escape from cultivation in 1862



Alien CSI BIOBLITZ

Species name: Himalayan balsam (*Impatiens glandulifera*)

Group: terrestrial plants

Native region (Continent): Asie

Local Status: invasive neophyte

Entry paths (if known): introduced deliberately as an ornamental plant

Observations: first reported to escape from cultivation in 1896



Alien CSI BIOBLITZ

Species name: Large-leaved lupine/big-leaved lupine/ many-leaved lupine/ blue-pod lupine/ garden lupine (*Lupinus polyphyllus*)

Group: terrestrial plants

Native region (Continent): North America

Local Status: invasive neophyte

Entry paths (if known): introduced deliberately as an ornamental plant

Observations: first reported to escape from cultivation in 1895



Alien CSI BIOBLITZ

Species name: Narrow-leaved ragwort/ South African ragwort (*Senecio inaequidens*)

Group: terrestrial plants

Native region (Continent): Africa

Local Status: naturalized neophyte

Entry paths (if known): introduced accidentally

Observations: first reported to escape from cultivation in 1997



Species name: Northern red oak (*Quercus rubra*)

Group: terrestrial plants

Native region (Continent): North America

Local Status: invasive neophyte

Entry paths (if known): introduced deliberately

Observations: reported escaped often in the wild



Species name: Oregon grape/ holly-leaved barberry (*Mahonia aquifolium*)

Group: terrestrial plants

Native region (Continent): North America

Local Status: naturalized neophyte

Entry paths (if known): introduced deliberately as an ornamental plant

Observations: reported escaped locally in the wild



Alien CSI BIOBLITZ

Species name: Summer lilac/ butterfly-bush/ orange eye (*Buddleja davidii*)

Group: terrestrial plants

Native region (Continent): Asia

Local Status: naturalized neophyte

Entry paths (if known): introduced deliberately as an ornamental plant

Observations: first reported to escape from cultivation in 2000



Alien CSI BIOBLITZ

Species name: tree of heaven/ ailanthus/ varnish tree (*Ailanthus altissima*)

Group: terrestrial plants

Native region (Continent): Asia

Local Status: invasive neophyte

Entry paths (if known): introduced deliberately as an ornamental plant

Observations: first reported to escape from cultivation in 1874